503682 2016 HY_8 6 7.9 340°.77 0°.4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.00	−19 32.5	1.376	2.222	18.0	20.2
5 11	17 29.51	−20 7.0	1.298	2.217	14.2	19.9
5 21	17 22.82	−20 46.0	1.239	2.213	9.6	19.6
5 31	17 13.59	−21 27.8	1.202	2.208	4.4	19.3
6 10	17 3.00	−22 10.2	1.190	2.205	1.2	19.1
6 20	16 52.51	−22 51.0	1.203	2.201	6.6	19.4
6 30	16 43.64	−23 29.7	1.239	2.199	11.6	19.7
7 10	16 37.50	−24 7.0	1.296	2.197	16.1	19.9

431308 2006 VC_{80} 6 7.9 200°.74 1°.3/ 7.7 17

5 1	17 34.82	−19 48.5	2.017	2.835	14.1	22.5
5 11	17 29.77	−19 39.6	1.927	2.831	11.1	22.3
5 21	17 22.36	−19 30.2	1.860	2.827	7.5	22.0
5 31	17 13.18	−19 20.7	1.819	2.823	3.5	21.8
6 10	17 3.14	−19 11.6	1.804	2.818	1.6	21.6
6 20	16 53.26	−19 3.9	1.818	2.812	5.4	21.9
6 30	16 44.55	−18 59.1	1.858	2.806	9.3	22.1
7 10	16 37.80	−18 58.6	1.923	2.799	12.8	22.3

416061 2002 HW_{17} 6 7.9 86°.93 14°.8/ 4.7 17

5 1	17 31.19	+16 32.9	1.955	2.674	17.8	20.7
5 11	17 26.66	+18 15.8	1.916	2.689	16.5	20.6
5 21	17 20.06	+19 34.6	1.894	2.704	15.4	20.6
5 31	17 12.03	+20 22.7	1.892	2.719	14.8	20.6
6 10	17 3.46	+20 36.1	1.908	2.734	14.9	20.6
6 20	16 55.26	+20 14.6	1.944	2.749	15.4	20.7
6 30	16 48.27	+19 21.1	1.998	2.763	16.4	20.8
7 10	16 43.12	+18 1.1	2.069	2.777	17.5	20.9

11631 1996 XV_1 6 7.9 299°.94 2°.1/ 8.5 18

5 1	17 33.14	−28 52.0	1.435	2.274	17.8	17.8
5 11	17 29.75	−28 45.5	1.346	2.259	14.2	17.5
5 21	17 23.04	−28 29.7	1.276	2.245	9.9	17.2
5 31	17 13.71	−28 2.5	1.227	2.231	5.1	16.9
6 10	17 3.01	−27 23.4	1.204	2.217	2.3	16.7
6 20	16 52.46	−26 34.9	1.204	2.203	6.6	16.9
6 30	16 43.60	−25 42.0	1.229	2.190	11.7	17.2
7 10	16 37.58	−24 51.0	1.275	2.176	16.2	17.4

139776 2001 QS_{309} 6 7.9 153°.20 0°.4/ 7.9 18

5 1	17 31.51	−21 41.3	2.267	3.085	12.8	19.9
5 11	17 26.91	−21 42.0	2.183	3.088	9.9	19.7
5 21	17 20.29	−21 41.7	2.123	3.090	6.6	19.5
5 31	17 12.19	−21 40.0	2.088	3.093	3.0	19.3
6 10	17 3.42	−21 37.2	2.081	3.095	0.9	19.1
6 20	16 54.84	−21 33.8	2.102	3.097	4.6	19.4
6 30	16 47.29	−21 31.0	2.149	3.099	8.1	19.6
7 10	16 41.45	−21 30.2	2.222	3.101	11.2	19.8

80309 1999 XA_{74} 6 8.0 242°.85 0°.1/ 7.9 18

5 1	17 35.29	−23 4.0	1.877	2.699	14.9	20.6
5 11	17 30.53	−22 58.5	1.779	2.685	11.7	20.3
5 21	17 23.11	−22 50.2	1.702	2.670	7.9	20.0
5 31	17 13.63	−22 38.4	1.649	2.654	3.6	19.8
6 10	17 3.04	−22 23.4	1.624	2.638	1.0	19.5
6 20	16 52.51	−22 6.1	1.625	2.622	5.6	19.8
6 30	16 43.20	−21 48.9	1.653	2.604	9.9	20.0
7 10	16 36.06	−21 34.6	1.704	2.587	13.8	20.2

71177 1999 XA_{213} 6 8.0 162°.11 3°.8/ 7.1 18

5 1	17 31.58	−11 54.8	2.381	3.190	12.5	20.3
5 11	17 26.71	−11 27.6	2.301	3.195	9.9	20.2
5 21	17 20.02	−11 4.5	2.244	3.200	7.1	20.0
5 31	17 12.04	−10 47.2	2.212	3.204	4.6	19.9
6 10	17 3.48	−10 37.2	2.209	3.207	4.0	19.8
6 20	16 55.12	−10 35.7	2.234	3.211	6.0	19.9
6 30	16 47.71	−10 43.0	2.285	3.214	8.8	20.1
7 10	16 41.84	−10 58.8	2.360	3.216	11.4	20.3

9693 Bleeker 6 8.0 280°.80 1°.4/ 8.2 18

5 1	17 34.39	−25 35.6	1.677	2.506	16.1	18.3
5 11	17 30.38	−25 51.2	1.575	2.484	12.8	18.0
5 21	17 23.36	−26 3.8	1.493	2.461	8.8	17.7
5 31	17 13.88	−26 11.2	1.434	2.438	4.3	17.4
6 10	17 2.97	−26 12.0	1.401	2.415	1.7	17.2
6 20	16 51.95	−26 5.9	1.394	2.392	6.1	17.4
6 30	16 42.23	−25 55.1	1.413	2.368	10.9	17.6
7 10	16 34.98	−25 43.0	1.453	2.345	15.2	17.8

30021 2000 DP_6 6 8.0 349°.51 2°.4/ 7.7 17

5 1	17 30.39	−18 13.9	1.098	1.964	20.2	18.4
5 11	17 28.03	−18 7.4	1.029	1.959	16.0	18.1
5 21	17 22.09	−18 3.7	0.977	1.955	10.9	17.8
5 31	17 13.33	−18 4.0	0.946	1.951	5.4	17.5
6 10	17 3.16	−18 9.0	0.936	1.949	2.8	17.3
6 20	16 53.24	−18 19.5	0.949	1.947	7.9	17.6
6 30	16 45.24	−18 36.6	0.982	1.946	13.4	17.9
7 10	16 40.36	−19 0.6	1.035	1.947	18.3	18.2

243981 2001 RC_{50} 6 8.0 281°.40 2°.3/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.43	−20 54.5	1.352	2.199	18.2	20.1
5 11	17 29.82	−20 10.4	1.270	2.190	14.4	19.8
5 21	17 22.99	−19 21.6	1.207	2.181	9.8	19.5
5 31	17 13.66	−18 30.0	1.167	2.172	4.8	19.2
6 10	17 3.08	−17 38.9	1.150	2.163	2.8	19.1
6 20	16 52.74	−16 52.4	1.159	2.154	7.5	19.3
6 30	16 44.08	−16 15.0	1.190	2.145	12.6	19.6
7 10	16 38.18	−15 49.9	1.242	2.136	17.1	19.8

469551 2003 UW_{77} 6 8.0 233°.06 1°.5/ 7.5 16

5 1	17 32.21	−20 14.2	2.345	3.160	12.5	21.9
5 11	17 27.44	−19 43.2	2.246	3.148	9.8	21.7
5 21	17 20.67	−19 10.0	2.170	3.136	6.6	21.5
5 31	17 12.41	−18 35.4	2.120	3.124	3.2	21.2
6 10	17 3.42	−18 1.0	2.099	3.111	1.8	21.1
6 20	16 54.54	−17 28.7	2.106	3.097	5.0	21.3
6 30	16 46.63	−17 0.8	2.140	3.083	8.5	21.5
7 10	16 40.36	−16 39.1	2.199	3.069	11.6	21.7

262105 2006 RR_{104} 6 8.0 157°.40 1°.8/ 7.7 17

5 1	17 35.68	−17 24.2	1.952	2.770	14.6	21.1
5 11	17 30.41	−17 26.8	1.873	2.776	11.4	20.9
5 21	17 22.76	−17 31.8	1.816	2.782	7.7	20.7
5 31	17 13.38	−17 39.2	1.784	2.787	3.8	20.4
6 10	17 3.18	−17 49.1	1.779	2.791	2.1	20.3
6 20	16 53.22	−18 1.7	1.803	2.796	5.5	20.6
6 30	16 44.49	−18 17.4	1.853	2.799	9.4	20.8
7 10	16 37.78	−18 36.7	1.927	2.802	12.8	21.0

468811 2012 MC_6 6 8.0 43°.09 4°.3/ 6.8 17

5 1	17 31.49	−16 46.3	1.467	2.310	17.2	19.9
5 11	17 27.66	−15 41.4	1.402	2.319	13.5	19.6
5 21	17 21.12	−14 36.4	1.358	2.328	9.4	19.4
5 31	17 12.64	−13 35.0	1.337	2.337	5.5	19.2
6 10	17 3.40	−12 41.8	1.341	2.347	4.6	19.2
6 20	16 54.60	−12 0.4	1.371	2.357	7.8	19.4
6 30	16 47.38	−11 33.7	1.423	2.367	11.8	19.7
7 10	16 42.52	−11 22.2	1.497	2.378	15.5	19.9

177070 2003 FN_{23} 6 8.0 11°.24 1°.3/ 8.3 16

5 1	17 28.68	−25 50.4	1.605	2.446	16.1	20.1
5 11	17 25.62	−26 1.7	1.534	2.450	12.6	19.9
5 21	17 19.86	−26 8.9	1.483	2.455	8.5	19.7
5 31	17 12.13	−26 10.5	1.456	2.461	4.1	19.4
6 10	17 3.51	−26 6.1	1.454	2.468	1.6	19.3
6 20	16 55.20	−25 56.5	1.477	2.475	5.6	19.6
6 30	16 48.34	−25 44.2	1.524	2.484	9.9	19.8
7 10	16 43.80	−25 31.8	1.593	2.494	13.6	20.1

460726 2014 VS_{11} 6 8.0 321°.68 2°.4/ 8.1 17

5 1	17 32.98	−25 1.3	1.277	2.127	18.9	20.1
5 11	17 30.06	−25 47.6	1.195	2.116	15.0	19.8
5 21	17 23.56	−26 34.0	1.131	2.104	10.4	19.5
5 31	17 14.10	−27 16.7	1.089	2.094	5.3	19.2
6 10	17 2.97	−27 52.0	1.071	2.084	2.6	19.0
6 20	16 51.83	−28 17.5	1.076	2.074	7.3	19.3
6 30	16 42.45	−28 34.0	1.103	2.065	12.5	19.5
7 10	16 36.17	−28 44.8	1.151	2.057	17.2	19.8

308488 2005 TG_{95} 6 8.0 313°.56 5°.3/ 5.9 16

5 1	17 28.28	−11 33.7	2.102	2.925	13.5	20.4
5 11	17 24.49	−10 22.9	2.017	2.917	10.8	20.2
5 21	17 18.73	− 9 14.1	1.953	2.909	8.0	20.0
5 31	17 11.53	− 8 11.1	1.916	2.902	5.7	19.9
6 10	17 3.67	− 7 17.9	1.904	2.894	5.5	19.9
6 20	16 55.97	− 6 37.5	1.920	2.887	7.6	20.0
6 30	16 49.26	− 6 12.0	1.960	2.880	10.4	20.1
7 10	16 44.20	− 6 1.6	2.023	2.874	13.3	20.3

114783 2003 ME_6 6 8.0 294°.48 5°.0/ 9.3 18

5 1	17 35.65	−36 2.2	1.851	2.655	15.7	19.8
5 11	17 31.44	−36 13.3	1.737	2.624	13.0	19.6
5 21	17 24.13	−36 12.5	1.643	2.592	9.8	19.3
5 31	17 14.26	−35 55.4	1.573	2.560	6.5	19.0
6 10	17 2.95	−35 19.3	1.527	2.528	5.0	18.9
6 20	16 51.57	−34 24.6	1.508	2.496	7.1	18.9
6 30	16 41.58	−33 15.5	1.514	2.463	10.9	19.0
7 10	16 34.15	−31 59.1	1.543	2.430	14.7	19.2

83762 2001 TH_{152} 6 8.0 298°.17 5°.2/ 6.7 18

5 1	17 28.88	− 9 43.6	2.095	2.914	13.7	19.2
5 11	17 24.96	− 9 2.8	2.012	2.909	11.0	19.0
5 21	17 19.06	− 8 27.4	1.951	2.904	8.2	18.8
5 31	17 11.69	− 8 0.3	1.914	2.900	5.8	18.7
6 10	17 3.64	− 7 44.0	1.904	2.895	5.4	18.6
6 20	16 55.74	− 7 40.1	1.920	2.891	7.3	18.8
6 30	16 48.83	− 7 49.2	1.961	2.886	10.2	18.9
7 10	16 43.58	− 8 10.3	2.025	2.882	13.0	19.1

521458 2015 OJ_{91} 6 8.0 276°.61 3°.5/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 29.45	−11 51.3	2.409	3.221	12.3	21.6
5 11	17 25.26	−11 44.1	2.311	3.208	9.8	21.4
5 21	17 19.21	−11 42.0	2.237	3.195	7.0	21.2
5 31	17 11.78	−11 46.2	2.187	3.181	4.4	21.0
6 10	17 3.62	−11 57.7	2.166	3.168	3.6	20.9
6 20	16 55.50	−12 16.7	2.172	3.154	5.7	21.0
6 30	16 48.20	−12 43.3	2.205	3.140	8.7	21.2
7 10	16 42.37	−13 16.7	2.262	3.127	11.5	21.4

181435 2006 SD_{347} 6 8.0 237°.77 1°.6/ 8.4 18

5 1	17 32.33	−27 46.2	2.511	3.318	12.0	21.2
5 11	17 27.59	−27 55.1	2.411	3.307	9.5	21.0
5 21	17 20.81	−27 59.7	2.334	3.296	6.5	20.8
5 31	17 12.51	−27 58.5	2.283	3.284	3.4	20.6
6 10	17 3.44	−27 51.0	2.260	3.272	1.7	20.5
6 20	16 54.45	−27 37.7	2.265	3.260	4.4	20.6
6 30	16 46.40	−27 20.3	2.298	3.247	7.7	20.8
7 10	16 40.00	−27 1.2	2.356	3.234	10.7	21.0

472954 2015 GE_{32} 6 8.0 44°.26 3°.9/ 7.1 17

5 1	17 30.67	−15 48.5	1.614	2.453	16.1	20.9
5 11	17 26.79	−15 2.2	1.551	2.464	12.7	20.7
5 21	17 20.43	−14 17.8	1.508	2.476	8.8	20.5
5 31	17 12.32	−13 38.2	1.488	2.488	5.1	20.3
6 10	17 3.53	−13 6.1	1.494	2.500	4.1	20.2
6 20	16 55.13	−12 44.2	1.526	2.513	7.1	20.4
6 30	16 48.16	−12 33.8	1.582	2.526	10.8	20.7
7 10	16 43.34	−12 35.2	1.660	2.539	14.3	20.9

392171 2009 KG_{1} 6 8.0 286°.18 4°.7/ 7.3 18

5 1	17 29.86	− 8 53.3	2.213	3.024	13.3	20.7
5 11	17 25.72	− 8 42.7	2.120	3.013	10.7	20.5
5 21	17 19.59	− 8 39.4	2.049	3.001	7.9	20.3
5 31	17 11.97	− 8 45.5	2.002	2.989	5.4	20.1
6 10	17 3.59	− 9 2.2	1.983	2.977	4.8	20.1
6 20	16 55.26	− 9 29.6	1.990	2.966	6.7	20.2
6 30	16 47.81	−10 7.4	2.024	2.954	9.6	20.3
7 10	16 41.96	−10 54.1	2.081	2.943	12.5	20.5

475693 2006 VV_{105} 6 8.0 274°.05 2°.6/ 8.3 18

5 1	17 33.10	−28 25.2	2.225	3.036	13.2	21.7
5 11	17 28.58	−29 2.8	2.128	3.025	10.5	21.5
5 21	17 21.71	−29 37.4	2.053	3.013	7.4	21.3
5 31	17 13.01	−30 6.2	2.003	3.002	4.1	21.1
6 10	17 3.33	−30 27.1	1.981	2.990	2.6	20.9
6 20	16 53.65	−30 39.3	1.987	2.979	5.2	21.1
6 30	16 45.01	−30 43.8	2.019	2.967	8.6	21.3
7 10	16 38.26	−30 42.9	2.076	2.956	11.8	21.5

302014 2000 SU_{27} 6 8.0 247°.51 4°.2/ 9.2 18

5 1	17 33.76	−36 5.6	2.417	3.207	12.9	20.8
5 11	17 28.94	−36 23.4	2.321	3.199	10.5	20.6
5 21	17 21.83	−36 31.9	2.248	3.191	7.9	20.4
5 31	17 13.00	−36 28.4	2.199	3.182	5.4	20.3
6 10	17 3.35	−36 11.4	2.177	3.173	4.2	20.2
6 20	16 53.86	−35 41.5	2.183	3.164	5.7	20.3
6 30	16 45.51	−35 1.3	2.215	3.155	8.4	20.4
7 10	16 39.08	−34 15.1	2.272	3.146	11.1	20.6

293191 2007 AX_{28} 6 8.0 307°.70 7°.1/ 6.9 18

5 1	17 28.97	− 2 4.4	2.183	2.981	13.9	20.8
5 11	17 24.99	− 1 39.2	2.097	2.971	11.6	20.6
5 21	17 19.08	− 1 25.5	2.032	2.961	9.4	20.4
5 31	17 11.73	− 1 26.3	1.990	2.952	7.6	20.3
6 10	17 3.68	− 1 44.0	1.974	2.943	7.2	20.2
6 20	16 55.70	− 2 18.7	1.984	2.934	8.6	20.3
6 30	16 48.63	− 3 9.5	2.018	2.925	10.9	20.4
7 10	16 43.13	− 4 13.7	2.076	2.916	13.4	20.6

17378 1981 EM_{5} 6 8.0 159°.56 0°.9/ 8.3 18

5 1	17 31.36	−27 8.6	2.417	3.228	12.3	19.2
5 11	17 26.73	−26 55.5	2.330	3.230	9.6	19.0
5 21	17 20.15	−26 37.0	2.267	3.231	6.5	18.8
5 31	17 12.17	−26 12.7	2.230	3.233	3.1	18.6
6 10	17 3.59	−25 43.2	2.221	3.234	1.1	18.4
6 20	16 55.24	−25 9.9	2.240	3.236	4.3	18.7
6 30	16 47.92	−24 35.4	2.286	3.237	7.6	18.9
7 10	16 42.28	−24 2.3	2.357	3.238	10.5	19.1

52470 1995 ST_{2} 6 8.0 252°.43 10°.2/ 9.4 18

5 1	17 42.74	−48 19.1	2.074	2.819	16.1	18.9
5 11	17 37.42	−49 40.7	1.984	2.808	14.2	18.7
5 21	17 28.41	−50 48.3	1.914	2.796	12.3	18.6
5 31	17 16.32	−51 33.9	1.865	2.784	10.8	18.5
6 10	17 2.50	−51 51.3	1.840	2.772	10.2	18.4
6 20	16 48.69	−51 38.2	1.839	2.760	10.9	18.4
6 30	16 36.69	−50 57.7	1.860	2.747	12.6	18.5
7 10	16 27.85	−49 57.0	1.903	2.735	14.7	18.6

32931 Ferioli 6 8.0 202°.64 3°.6/ 9.0 18

	h m	° ′			°	m
5 1	17 33.77	−34 34.5	2.677	3.465	11.8	20.2
5 11	17 28.66	−34 56.2	2.584	3.462	9.6	20.0
5 21	17 21.50	−35 10.3	2.513	3.458	7.0	19.8
5 31	17 12.83	−35 14.6	2.468	3.454	4.6	19.7
6 10	17 3.43	−35 7.7	2.451	3.450	3.6	19.6
6 20	16 54.17	−34 49.9	2.462	3.445	5.1	19.7
6 30	16 45.93	−34 23.2	2.501	3.440	7.6	19.8
7 10	16 39.39	−33 51.0	2.564	3.434	10.2	20.0

82730 2001 PZ_{58} 6 8.0 290°.52 1°.1/ 7.8 18 R

5 1	17 30.46	−20 38.8	2.041	2.867	13.7	19.7
5 11	17 26.43	−20 27.3	1.951	2.860	10.7	19.5
5 21	17 20.18	−20 14.7	1.883	2.852	7.2	19.3
5 31	17 12.28	−20 1.4	1.840	2.845	3.4	19.0
6 10	17 3.56	−19 48.2	1.824	2.837	1.4	18.9
6 20	16 54.98	−19 36.2	1.835	2.830	5.1	19.1
6 30	16 47.48	−19 27.0	1.872	2.823	9.0	19.3
7 10	16 41.82	−19 22.3	1.932	2.816	12.4	19.5

52647 1997 YD_{4} 6 8.0 191°.67 1°.1/ 7.8 18

5 1	17 31.19	−19 50.2	2.317	3.134	12.5	19.5
5 11	17 26.66	−19 45.2	2.230	3.133	9.8	19.3
5 21	17 20.15	−19 40.2	2.165	3.132	6.6	19.1
5 31	17 12.21	−19 35.2	2.127	3.131	3.1	18.8
6 10	17 3.59	−19 30.7	2.117	3.130	1.4	18.7
6 20	16 55.12	−19 27.5	2.134	3.128	4.7	18.9
6 30	16 47.63	−19 26.5	2.179	3.127	8.1	19.1
7 10	16 41.78	−19 28.9	2.248	3.125	11.1	19.3

56877 2000 QA_{113} 6 8.0 163°.11 4°.6/ 9.2 18

5 1	17 34.08	−36 12.4	2.327	3.119	13.3	19.6
5 11	17 29.25	−36 41.3	2.242	3.119	10.8	19.4
5 21	17 22.06	−37 1.0	2.178	3.120	8.1	19.2
5 31	17 13.12	−37 8.5	2.140	3.121	5.6	19.1
6 10	17 3.36	−37 2.0	2.128	3.122	4.6	19.0
6 20	16 53.82	−36 41.9	2.143	3.122	6.0	19.1
6 30	16 45.50	−36 10.7	2.184	3.123	8.6	19.3
7 10	16 39.17	−35 32.5	2.250	3.123	11.3	19.4

131687 2001 XW_{206} 6 8.0 84°.79 2°.7/ 7.6 18

5 1	17 36.07	−17 30.5	1.397	2.236	18.2	19.9
5 11	17 31.38	−17 12.1	1.337	2.251	14.2	19.7
5 21	17 23.70	−16 55.7	1.296	2.267	9.6	19.5
5 31	17 13.88	−16 42.6	1.279	2.282	4.9	19.2
6 10	17 3.21	−16 34.3	1.287	2.298	3.0	19.2
6 20	16 53.05	−16 31.9	1.319	2.313	7.0	19.4
6 30	16 44.67	−16 36.6	1.376	2.328	11.5	19.7
7 10	16 38.93	−16 49.1	1.454	2.343	15.4	20.0

275166 2009 WQ_{10} 6 8.0 186°.89 2°.5/ 7.3 18

5 1	17 33.10	−16 50.0	2.254	3.068	13.0	21.7
5 11	17 28.11	−16 20.6	2.167	3.068	10.2	21.5
5 21	17 21.11	−15 51.7	2.103	3.067	7.0	21.3
5 31	17 12.64	−15 24.7	2.065	3.065	3.8	21.1
6 10	17 3.51	−15 1.1	2.055	3.064	2.8	21.0
6 20	16 54.56	−14 42.7	2.074	3.061	5.5	21.2
6 30	16 46.63	−14 30.8	2.119	3.058	8.8	21.4
7 10	16 40.40	−14 26.5	2.189	3.054	11.8	21.5

23062 Donnamooney 6 8.0 357°.43 0°.9/ 8.2 18

5 1	17 29.65	−24 43.7	1.192	2.053	19.3	18.2
5 11	17 27.34	−24 48.7	1.122	2.049	15.2	17.9
5 21	17 21.57	−24 49.3	1.070	2.047	10.3	17.7
5 31	17 13.13	−24 44.3	1.039	2.045	4.8	17.3
6 10	17 3.38	−24 33.4	1.030	2.045	1.4	17.1
6 20	16 53.95	−24 18.1	1.044	2.045	6.9	17.5
6 30	16 46.40	−24 1.6	1.081	2.047	12.2	17.8
7 10	16 41.86	−23 47.7	1.137	2.049	16.9	18.0

191123 2002 EB_{135} 6 8.0 180°.24 0°.8/ 8.2 17

5 1	17 34.17	−25 26.5	2.093	2.909	13.8	21.2
5 11	17 29.26	−25 26.8	2.008	2.910	10.8	21.0
5 21	17 22.04	−25 23.2	1.944	2.910	7.3	20.8
5 31	17 13.11	−25 14.7	1.906	2.910	3.4	20.6
6 10	17 3.40	−25 1.2	1.896	2.910	1.1	20.4
6 20	16 53.90	−24 43.7	1.913	2.910	4.8	20.6
6 30	16 45.59	−24 24.3	1.957	2.909	8.6	20.9
7 10	16 39.24	−24 5.8	2.025	2.907	12.0	21.1

30858 1992 AU_{1} 6 8.0 93°.10 3°.4/ 8.3 18

5 1	17 44.95	−10 11.0	1.553	2.360	18.2	17.9
5 11	17 37.91	−11 4.5	1.494	2.387	14.3	17.7
5 21	17 27.91	−12 10.2	1.455	2.414	10.0	17.5
5 31	17 15.77	−13 26.6	1.442	2.440	5.5	17.3
6 10	17 2.76	−14 50.1	1.457	2.465	3.5	17.2
6 20	16 50.26	−16 16.5	1.500	2.490	6.8	17.5
6 30	16 39.54	−17 42.2	1.570	2.514	10.9	17.8
7 10	16 31.49	−19 5.1	1.665	2.537	14.6	18.0

514364 2016 QR_{54} 6 8.0 263.°59 6.°2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.15	−40 16.7	2.250	3.027	14.1	22.4
5 11	17 32.11	−40 50.3	2.146	3.009	11.9	22.2
5 21	17 24.28	−41 12.7	2.063	2.990	9.4	22.0
5 31	17 14.27	−41 19.2	2.004	2.971	7.1	21.8
6 10	17 3.10	−41 6.8	1.970	2.952	6.2	21.7
6 20	16 51.98	−40 35.2	1.963	2.932	7.4	21.7
6 30	16 42.19	−39 47.3	1.982	2.912	9.8	21.8
7 10	16 34.69	−38 48.5	2.025	2.891	12.6	22.0

200123 1997 EF_{60} 6 8.0 243.°05 3.°2/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.44	−30 37.8	1.955	2.768	14.7	20.5
5 11	17 29.89	−31 4.7	1.868	2.765	11.7	20.3
5 21	17 22.70	−31 25.4	1.802	2.761	8.3	20.1
5 31	17 13.50	−31 36.9	1.761	2.758	4.9	19.8
6 10	17 3.31	−31 37.3	1.746	2.754	3.3	19.7
6 20	16 53.28	−31 26.7	1.758	2.750	5.8	19.9
6 30	16 44.56	−31 7.6	1.796	2.746	9.4	20.1
7 10	16 38.07	−30 43.7	1.858	2.742	12.7	20.3

241634 1999 WA_{17} 6 8.0 230.°12 1.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.76	−28 46.0	2.848	3.647	10.9	21.1
5 11	17 26.95	−29 3.0	2.746	3.637	8.6	20.9
5 21	17 20.30	−29 15.9	2.668	3.627	6.0	20.7
5 31	17 12.30	−29 23.3	2.617	3.616	3.3	20.5
6 10	17 3.62	−29 24.3	2.594	3.605	1.9	20.4
6 20	16 54.98	−29 19.2	2.601	3.593	4.1	20.5
6 30	16 47.16	−29 9.0	2.635	3.581	6.9	20.7
7 10	16 40.80	−28 55.9	2.694	3.569	9.6	20.8

504442 2008 BF_{52} 6 8.0 83.°82 3.°3/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.74	−32 20.5	2.253	3.056	13.3	21.5
5 11	17 28.83	−32 43.2	2.180	3.069	10.6	21.3
5 21	17 21.67	−32 58.5	2.129	3.083	7.6	21.1
5 31	17 12.91	−33 4.0	2.103	3.096	4.6	21.0
6 10	17 3.48	−32 58.8	2.105	3.109	3.3	20.9
6 20	16 54.36	−32 43.4	2.134	3.122	5.2	21.1
6 30	16 46.47	−32 20.2	2.190	3.136	8.2	21.3
7 10	16 40.52	−31 52.7	2.270	3.149	11.0	21.5

210267 2007 SD_{17} 6 8.0 187.°26 2.°5/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.66	−18 1.9	1.505	2.341	17.2	20.8
5 11	17 30.37	−17 44.8	1.428	2.341	13.5	20.6
5 21	17 23.16	−17 28.8	1.371	2.341	9.2	20.3
5 31	17 13.74	−17 15.0	1.337	2.341	4.7	20.1
6 10	17 3.26	−17 4.9	1.329	2.340	2.8	20.0
6 20	16 53.04	−16 59.7	1.346	2.340	6.8	20.2
6 30	16 44.37	−17 1.2	1.387	2.339	11.4	20.5
7 10	16 38.20	−17 10.1	1.450	2.338	15.4	20.7

68213 2001 CA_{22} 6 8.0 186.°16 0.°2/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.66	−23 30.9	2.141	2.957	13.5	20.5
5 11	17 28.82	−23 35.7	2.054	2.957	10.5	20.3
5 21	17 21.74	−23 38.4	1.990	2.957	7.1	20.1
5 31	17 13.00	−23 38.1	1.951	2.956	3.3	19.8
6 10	17 3.47	−23 34.5	1.940	2.955	0.8	19.6
6 20	16 54.11	−23 28.4	1.957	2.953	4.8	19.9
6 30	16 45.88	−23 21.2	2.001	2.952	8.5	20.1
7 10	16 39.52	−23 14.9	2.069	2.950	11.8	20.3

442938 2013 CG_{74} 6 8.0 111.°42 4.°5/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.47	−36 21.6	2.396	3.187	13.0	21.3
5 11	17 28.71	−36 49.7	2.312	3.189	10.6	21.1
5 21	17 21.68	−37 8.8	2.249	3.191	8.0	20.9
5 31	17 12.97	−37 16.0	2.212	3.193	5.5	20.8
6 10	17 3.48	−37 9.5	2.201	3.194	4.5	20.7
6 20	16 54.21	−36 49.9	2.217	3.196	5.9	20.8
6 30	16 46.12	−36 19.4	2.260	3.198	8.4	21.0
7 10	16 39.95	−35 42.0	2.327	3.200	11.0	21.1

250298 2003 QM_{18} 6 8.0 264.°34 2.°4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.40	−18 18.9	1.653	2.484	16.2	20.9
5 11	17 30.21	−17 58.9	1.555	2.465	12.8	20.7
5 21	17 23.16	−17 39.0	1.477	2.446	8.8	20.4
5 31	17 13.84	−17 20.2	1.423	2.426	4.5	20.1
6 10	17 3.24	−17 4.0	1.395	2.406	2.7	19.9
6 20	16 52.61	−16 52.0	1.392	2.385	6.8	20.1
6 30	16 43.25	−16 46.4	1.415	2.364	11.4	20.3
7 10	16 36.22	−16 48.7	1.459	2.343	15.6	20.5

224430 2005 UV_{443} 6 8.0 357.°48 1.°8/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.65	−28 43.1	1.624	2.453	16.5	19.8
5 11	17 29.56	−28 31.2	1.544	2.453	13.0	19.6
5 21	17 22.59	−28 10.7	1.485	2.452	9.0	19.3
5 31	17 13.46	−27 40.4	1.449	2.452	4.5	19.0
6 10	17 3.37	−27 0.5	1.438	2.452	1.9	18.9
6 20	16 53.62	−26 13.9	1.454	2.452	5.8	19.1
6 30	16 45.46	−25 24.8	1.495	2.452	10.2	19.4
7 10	16 39.79	−24 38.2	1.557	2.453	14.2	19.6

427748 2004 RY_{289} 6 8.0 267.°85 10.°3/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 42.07	−46 30.9	1.941	2.700	16.7	20.9
5 11	17 37.13	−48 1.3	1.850	2.686	14.6	20.7
5 21	17 28.40	−49 19.0	1.779	2.672	12.5	20.5
5 31	17 16.44	−50 15.4	1.729	2.658	10.9	20.4
6 10	17 2.58	−50 43.5	1.704	2.644	10.3	20.3
6 20	16 48.59	−50 40.4	1.701	2.630	11.2	20.3
6 30	16 36.40	−50 8.8	1.722	2.616	13.1	20.4
7 10	16 27.45	−49 16.0	1.764	2.601	15.5	20.6

290202 2005 SD_{36} 6 8.0 269.°56 6.°6/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.81	−41 6.7	2.325	3.100	13.8	20.6
5 11	17 30.94	−41 59.5	2.238	3.097	11.6	20.4
5 21	17 23.41	−42 41.6	2.173	3.093	9.3	20.3
5 31	17 13.86	−43 8.4	2.131	3.090	7.3	20.1
6 10	17 3.27	−43 16.7	2.115	3.087	6.6	20.1
6 20	16 52.81	−43 6.0	2.124	3.083	7.5	20.1
6 30	16 43.66	−42 38.5	2.160	3.080	9.6	20.2
7 10	16 36.72	−41 59.2	2.218	3.076	12.0	20.4

249641 1999 TO_{182} 6 8.0 247.°98 2.°5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.16	−16 26.9	2.505	3.321	11.8	20.8
5 11	17 24.94	−15 54.6	2.411	3.313	9.2	20.6
5 21	17 18.96	−15 22.7	2.340	3.304	6.4	20.4
5 31	17 11.70	−14 52.6	2.296	3.295	3.6	20.2
6 10	17 3.82	−14 26.2	2.279	3.286	2.7	20.2
6 20	16 56.05	−14 4.9	2.290	3.276	5.1	20.3
6 30	16 49.13	−13 50.2	2.329	3.267	8.1	20.5
7 10	16 43.65	−13 43.0	2.391	3.257	11.0	20.6

416062 2002 HQ_{18} 6 8.0 4.°75 0.°5/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.60	−19 42.3	1.305	2.154	18.6	20.4
5 11	17 30.12	−20 10.3	1.233	2.153	14.6	20.1
5 21	17 23.33	−20 41.9	1.179	2.153	9.9	19.9
5 31	17 13.95	−21 15.7	1.148	2.154	4.5	19.6
6 10	17 3.26	−21 49.7	1.140	2.155	1.2	19.3
6 20	16 52.79	−22 22.5	1.157	2.157	6.7	19.7
6 30	16 44.05	−22 53.9	1.198	2.159	11.8	20.0
7 10	16 38.17	−23 24.9	1.259	2.161	16.3	20.3

294864 2008 CU_{197} 6 8.0 83.°75 3.°1/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.34	−17 19.9	1.559	2.396	16.7	21.1
5 11	17 29.10	−16 45.5	1.489	2.402	13.1	20.8
5 21	17 22.15	−16 11.8	1.439	2.408	9.0	20.6
5 31	17 13.23	−15 40.9	1.413	2.415	4.8	20.4
6 10	17 3.47	−15 15.3	1.412	2.421	3.4	20.3
6 20	16 54.06	−14 57.1	1.437	2.428	6.9	20.5
6 30	16 46.17	−14 48.2	1.486	2.434	11.1	20.8
7 10	16 40.61	−14 49.4	1.557	2.441	14.8	21.0

239256 2006 VM_{29} 6 8.0 276.°85 2.°3/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.86	−27 45.6	2.227	3.040	13.2	20.6
5 11	17 28.41	−28 20.0	2.129	3.027	10.4	20.4
5 21	17 21.64	−28 51.6	2.053	3.015	7.3	20.2
5 31	17 13.06	−29 17.8	2.003	3.003	4.0	20.0
6 10	17 3.50	−29 36.9	1.980	2.990	2.4	19.8
6 20	16 53.94	−29 48.1	1.985	2.978	5.1	20.0
6 30	16 45.40	−29 52.4	2.016	2.965	8.5	20.2
7 10	16 38.73	−29 52.0	2.072	2.953	11.8	20.3

392693 2011 WS_{48} 6 8.1 304.°72 1.°3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.96	−17 55.0	2.153	2.974	13.2	20.0
5 11	17 26.76	−18 11.5	2.061	2.967	10.4	19.8
5 21	17 20.42	−18 30.9	1.992	2.959	7.0	19.6
5 31	17 12.46	−18 52.9	1.948	2.952	3.4	19.3
6 10	17 3.66	−19 16.9	1.932	2.945	1.5	19.2
6 20	16 54.92	−19 42.6	1.943	2.938	5.0	19.4
6 30	16 47.16	−20 9.8	1.981	2.931	8.6	19.6
7 10	16 41.12	−20 38.8	2.043	2.924	11.9	19.8

30859 1992 BM 6 8.1 193.°24 3.°6/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.73	−31 27.1	1.806	2.614	15.9	18.8
5 11	17 34.27	−31 51.4	1.720	2.613	12.8	18.6
5 21	17 25.79	−32 8.0	1.654	2.611	9.1	18.4
5 31	17 14.99	−32 13.3	1.613	2.608	5.4	18.2
6 10	17 3.05	−32 4.9	1.597	2.604	3.6	18.0
6 20	16 51.32	−31 43.4	1.609	2.600	6.3	18.2
6 30	16 41.15	−31 11.9	1.647	2.595	10.2	18.4
7 10	16 33.56	−30 35.8	1.708	2.590	13.8	18.6

156872 2003 DS_{19} 6 8.1 77.°82 4.°0/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.94	−14 0.3	1.654	2.483	16.2	20.6
5 11	17 29.21	−13 29.7	1.596	2.503	12.8	20.5
5 21	17 22.01	−13 3.4	1.558	2.522	8.9	20.3
5 31	17 13.10	−12 43.6	1.544	2.541	5.3	20.1
6 10	17 3.55	−12 32.4	1.556	2.560	4.2	20.1
6 20	16 54.45	−12 30.8	1.593	2.579	7.0	20.3
6 30	16 46.81	−12 39.3	1.656	2.598	10.6	20.5
7 10	16 41.35	−12 57.4	1.741	2.616	13.9	20.8

302386 2002 CU_{70} 6 8.1 54.°79 3.°0/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.22	−31 44.9	2.223	3.031	13.3	20.6
5 11	17 27.74	−31 58.3	2.142	3.035	10.6	20.4
5 21	17 21.03	−32 4.3	2.083	3.039	7.5	20.2
5 31	17 12.69	−32 1.0	2.048	3.043	4.5	20.1
6 10	17 3.63	−31 47.6	2.041	3.048	3.0	20.0
6 20	16 54.81	−31 24.9	2.061	3.052	5.1	20.1
6 30	16 47.19	−30 55.5	2.107	3.057	8.2	20.3
7 10	16 41.47	−30 22.8	2.178	3.061	11.2	20.5

420894 2013 LG_{22} 6 8.1 349.°99 0.°3/ 8.0 17

5 1	17 25.56	−21 55.0	0.998	1.877	20.7	20.1
5 11	17 24.72	−22 0.9	0.929	1.867	16.3	19.8
5 21	17 20.19	−22 6.0	0.877	1.859	11.1	19.5
5 31	17 12.67	−22 9.9	0.844	1.852	5.1	19.1
6 10	17 3.60	−22 12.5	0.831	1.846	1.3	18.8
6 20	16 54.74	−22 14.7	0.840	1.843	7.6	19.2
6 30	16 47.88	−22 18.4	0.869	1.841	13.5	19.5
7 10	16 44.29	−22 26.0	0.915	1.841	18.6	19.8

24447 2000 QY_1 6 8.1 205.°59 10.°8/ 6.3 18

5 1	17 41.84	− 3 17.7	1.311	2.123	20.6	20.6
5 11	17 36.41	− 2 3.6	1.233	2.118	17.4	20.4
5 21	17 27.52	− 1 1.6	1.174	2.111	14.0	20.2
5 31	17 15.90	− 0 19.8	1.136	2.103	11.3	20.0
6 10	17 2.83	− 0 4.8	1.121	2.093	11.0	19.9
6 20	16 49.88	− 0 19.7	1.129	2.082	13.2	20.0
6 30	16 38.65	− 1 3.5	1.159	2.069	16.8	20.2
7 10	16 30.33	− 2 11.4	1.209	2.055	20.6	20.4

122382 2000 QT_{70} 6 8.1 156.°82 11.°3/ 5.1 17

5 1	17 32.94	+15 52.2	2.680	3.372	14.0	20.6
5 11	17 27.55	+16 59.3	2.623	3.381	12.9	20.5
5 21	17 20.53	+17 48.4	2.586	3.390	11.9	20.4
5 31	17 12.36	+18 15.1	2.570	3.398	11.4	20.4
6 10	17 3.74	+18 16.7	2.577	3.405	11.4	20.4
6 20	16 55.34	+17 52.6	2.605	3.412	11.9	20.5
6 30	16 47.84	+17 4.5	2.655	3.418	12.8	20.5
7 10	16 41.76	+15 56.1	2.725	3.423	13.9	20.6

286113 2001 TS_{102} 6 8.1 231.°47 3.°7/ 8.8 18

5 1	17 34.07	−33 14.9	2.380	3.178	12.9	21.2
5 11	17 29.23	−33 44.8	2.287	3.171	10.4	21.0
5 21	17 22.11	−34 7.8	2.215	3.165	7.6	20.8
5 31	17 13.24	−34 21.2	2.169	3.158	4.9	20.6
6 10	17 3.50	−34 23.2	2.150	3.151	3.7	20.5
6 20	16 53.86	−34 13.6	2.158	3.143	5.5	20.6
6 30	16 45.31	−33 54.3	2.194	3.136	8.3	20.8
7 10	16 38.64	−33 28.8	2.253	3.128	11.2	20.9

508010 2015 BM_{304} 6 8.1 10.°67 10.°7/ 9.4 17

5 1	17 38.77	−45 0.8	1.635	2.418	18.3	20.2
5 11	17 34.78	−46 36.9	1.565	2.420	15.9	20.1
5 21	17 26.85	−47 58.2	1.514	2.421	13.4	19.9
5 31	17 15.71	−48 55.6	1.483	2.424	11.5	19.8
6 10	17 2.87	−49 22.3	1.475	2.426	10.7	19.7
6 20	16 50.24	−49 16.6	1.489	2.430	11.6	19.8
6 30	16 39.75	−48 42.3	1.526	2.433	13.6	19.9
7 10	16 32.73	−47 47.8	1.582	2.438	16.1	20.1

249305 2008 UC_{62} 6 8.1 293.°99 2.°9/ 8.6 18

5 1	17 34.13	−29 31.9	1.897	2.714	14.9	20.7
5 11	17 29.68	−29 58.2	1.814	2.714	11.9	20.5
5 21	17 22.59	−30 18.9	1.752	2.713	8.3	20.3
5 31	17 13.51	−30 31.2	1.714	2.713	4.7	20.0
6 10	17 3.44	−30 33.3	1.703	2.712	2.9	19.9
6 20	16 53.57	−30 25.6	1.718	2.712	5.7	20.1
6 30	16 45.04	−30 10.1	1.759	2.711	9.4	20.3
7 10	16 38.75	−29 50.5	1.824	2.711	12.8	20.5

520983 2015 AR_{285} 6 8.1 221.°67 1.°1/ 8.0 17

5 1	17 36.68	−17 15.5	1.761	2.583	15.7	21.5
5 11	17 31.73	−17 54.6	1.675	2.580	12.4	21.3
5 21	17 24.05	−18 39.5	1.610	2.577	8.4	21.1
5 31	17 14.22	−19 28.8	1.570	2.574	4.0	20.8
6 10	17 3.26	−20 20.5	1.557	2.571	1.4	20.6
6 20	16 52.34	−21 12.2	1.571	2.567	5.7	20.9
6 30	16 42.70	−22 2.8	1.612	2.564	10.1	21.1
7 10	16 35.31	−22 51.9	1.677	2.560	13.9	21.4

39481 1981 DP_1 6 8.1 327.°92 1.°1/ 7.8 18

5 1	17 30.38	−23 57.3	1.239	2.096	18.9	18.2
5 11	17 27.84	−23 15.4	1.158	2.084	14.9	17.9
5 21	17 21.92	−22 25.2	1.097	2.073	10.1	17.6
5 31	17 13.36	−21 27.8	1.056	2.063	4.7	17.3
6 10	17 3.49	−20 26.4	1.039	2.053	1.7	17.1
6 20	16 53.86	−19 26.0	1.045	2.044	7.3	17.4
6 30	16 46.02	−18 32.5	1.074	2.036	12.7	17.7
7 10	16 41.09	−17 50.6	1.122	2.029	17.5	17.9

154540 2003 GF_{13} 6 8.1 351.°06 2.°7/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.05	−17 35.4	1.579	2.419	16.4	20.0
5 11	17 27.44	−17 13.3	1.502	2.417	12.9	19.8
5 21	17 21.16	−16 52.4	1.445	2.416	8.8	19.5
5 31	17 12.87	−16 34.2	1.411	2.414	4.6	19.3
6 10	17 3.63	−16 20.4	1.402	2.413	3.0	19.2
6 20	16 54.62	−16 12.6	1.419	2.412	6.6	19.4
6 30	16 47.00	−16 12.3	1.460	2.412	10.9	19.6
7 10	16 41.66	−16 20.4	1.522	2.412	14.8	19.8

308459 2005 SL_{277} 6 8.1 87.°73 4.°7/ 6.3 18

5 1	17 28.95	−11 2.1	2.361	3.175	12.5	21.3
5 11	17 24.71	−10 2.8	2.287	3.182	10.0	21.2
5 21	17 18.75	− 9 6.8	2.237	3.190	7.3	21.0
5 31	17 11.60	− 8 17.4	2.213	3.197	5.2	20.9
6 10	17 3.95	− 7 37.2	2.215	3.205	4.9	20.9
6 20	16 56.54	− 7 8.3	2.245	3.213	6.7	21.0
6 30	16 50.06	− 6 51.9	2.302	3.220	9.2	21.2
7 10	16 45.07	− 6 47.9	2.381	3.228	11.6	21.3

425836 2011 EP_{27} 6 8.1 120.°59 2.°2/ 7.6 15

5 1	17 35.36	−17 8.3	2.147	2.959	13.6	22.8
5 11	17 29.81	−16 52.7	2.078	2.978	10.6	22.6
5 21	17 22.21	−16 38.4	2.033	2.997	7.2	22.5
5 31	17 13.18	−16 26.3	2.013	3.015	3.7	22.3
6 10	17 3.60	−16 17.3	2.022	3.032	2.4	22.2
6 20	16 54.36	−16 12.3	2.059	3.049	5.3	22.4
6 30	16 46.30	−16 12.3	2.123	3.065	8.6	22.7
7 10	16 40.07	−16 17.9	2.211	3.080	11.6	22.9

474857 2005 SY_{97} 6 8.1 267.°43 2.°8/ 7.0 18

5 1	17 30.07	−16 17.2	2.543	3.356	11.7	21.7
5 11	17 25.73	−15 37.8	2.435	3.335	9.2	21.5
5 21	17 19.58	−14 58.0	2.350	3.313	6.4	21.2
5 31	17 12.07	−14 19.6	2.292	3.290	3.7	21.0
6 10	17 3.84	−13 44.3	2.262	3.267	3.0	20.9
6 20	16 55.65	−13 14.4	2.260	3.244	5.4	21.1
6 30	16 48.24	−12 51.5	2.286	3.221	8.4	21.2
7 10	16 42.26	−12 37.0	2.336	3.197	11.3	21.4

19973 1988 RZ_{10} 6 8.1 313.°35 2.°3/ 7.5 18

5 1	17 29.20	−16 56.1	2.157	2.981	13.1	19.0
5 11	17 25.31	−16 39.1	2.069	2.976	10.3	18.8
5 21	17 19.40	−16 23.6	2.003	2.970	7.1	18.6
5 31	17 11.99	−16 10.5	1.963	2.964	3.7	18.4
6 10	17 3.87	−16 1.0	1.949	2.959	2.5	18.3
6 20	16 55.88	−15 56.3	1.963	2.954	5.4	18.5
6 30	16 48.87	−15 57.2	2.003	2.948	8.8	18.7
7 10	16 43.52	−16 4.5	2.066	2.943	11.9	18.8

7594 Shotaro 6 8.1 9.°89 2.°4/ 7.8 18

5 1	17 28.40	−17 57.1	1.103	1.971	20.0	16.3
5 11	17 26.36	−17 55.6	1.041	1.973	15.7	16.0
5 21	17 20.92	−17 57.7	0.998	1.976	10.7	15.7
5 31	17 12.89	−18 4.3	0.974	1.980	5.2	15.5
6 10	17 3.65	−18 15.9	0.973	1.986	2.7	15.3
6 20	16 54.80	−18 32.8	0.994	1.994	7.5	15.6
6 30	16 47.84	−18 55.3	1.037	2.002	12.7	15.9
7 10	16 43.82	−19 23.4	1.098	2.012	17.3	16.2

345877 2007 RB_8 6 8.1 275.°04 1.°9/ 8.5 18

5 1	17 32.85	−27 50.3	2.007	2.825	14.2	21.2
5 11	17 28.59	−28 1.8	1.912	2.814	11.2	20.9
5 21	17 21.85	−28 8.4	1.839	2.803	7.8	20.7
5 31	17 13.20	−28 8.2	1.790	2.792	4.0	20.5
6 10	17 3.57	−28 0.3	1.768	2.780	2.0	20.3
6 20	16 54.03	−27 45.2	1.773	2.769	5.2	20.5
6 30	16 45.67	−27 25.2	1.804	2.758	9.1	20.7
7 10	16 39.36	−27 3.4	1.859	2.746	12.6	20.9

78961 2003 SM_{245} 6 8.1 1.°00 12.°2/ 9.5 18

5 1	17 33.87	−44 43.8	1.343	2.151	20.4	18.4
5 11	17 31.66	−46 30.1	1.278	2.148	17.8	18.2
5 21	17 25.16	−47 59.8	1.229	2.147	15.1	18.0
5 31	17 15.08	−49 2.5	1.200	2.147	13.0	17.9
6 10	17 3.08	−49 30.3	1.191	2.148	12.2	17.9
6 20	16 51.33	−49 20.9	1.203	2.151	13.1	17.9
6 30	16 42.00	−48 39.0	1.236	2.154	15.3	18.1
7 10	16 36.57	−47 34.4	1.286	2.160	18.0	18.3

511193 2013 YK_{119} 6 8.1 212.°31 3.°6/ 7.5 18

5 1	17 32.62	−12 36.0	2.171	2.984	13.4	21.3
5 11	17 27.91	−12 25.1	2.082	2.979	10.7	21.1
5 21	17 21.13	−12 18.9	2.015	2.974	7.6	20.9
5 31	17 12.79	−12 19.0	1.973	2.968	4.6	20.7
6 10	17 3.69	−12 26.2	1.959	2.963	3.7	20.7
6 20	16 54.69	−12 41.0	1.973	2.956	6.1	20.8
6 30	16 46.68	−13 3.5	2.013	2.950	9.3	21.0
7 10	16 40.37	−13 33.2	2.077	2.943	12.4	21.2

507568 2013 AB_{77} 6 8.1 156°.31 5°.8/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 29.85	− 3 29.1	2.711	3.498	11.7	21.9
5 11	17 25.20	− 2 59.3	2.634	3.503	9.7	21.8
5 21	17 19.00	− 2 37.8	2.580	3.509	7.7	21.6
5 31	17 11.72	− 2 27.1	2.552	3.514	6.1	21.5
6 10	17 3.97	− 2 28.7	2.550	3.519	5.8	21.5
6 20	16 56.37	− 2 43.1	2.576	3.523	7.0	21.6
6 30	16 49.57	− 3 9.9	2.628	3.527	9.0	21.7
7 10	16 44.06	− 3 47.7	2.704	3.530	11.0	21.9

342850 2008 YB_{11} 6 8.1 196°.35 0°.5/ 7.9 18

5 1	17 33.23	−21 29.0	2.514	3.323	11.9	22.2
5 11	17 28.16	−21 27.3	2.421	3.320	9.3	22.0
5 21	17 21.18	−21 24.4	2.351	3.317	6.3	21.8
5 31	17 12.79	−21 20.2	2.308	3.313	2.9	21.6
6 10	17 3.73	−21 14.8	2.294	3.308	0.9	21.4
6 20	16 54.78	−21 8.9	2.308	3.303	4.3	21.7
6 30	16 46.75	−21 3.7	2.350	3.297	7.6	21.9
7 10	16 40.29	−21 0.5	2.418	3.291	10.6	22.1

425742 2011 BG_{101} 6 8.1 135°.81 3°.7/ 9.0 17

5 1	17 38.75	−33 16.6	2.052	2.850	14.6	22.5
5 11	17 32.99	−33 37.0	1.976	2.862	11.7	22.3
5 21	17 24.63	−33 48.5	1.922	2.873	8.5	22.1
5 31	17 14.39	−33 48.2	1.893	2.884	5.2	21.9
6 10	17 3.35	−33 34.5	1.891	2.895	3.8	21.8
6 20	16 52.68	−33 8.5	1.917	2.905	5.8	22.0
6 30	16 43.47	−32 33.4	1.969	2.914	9.0	22.2
7 10	16 36.55	−31 53.9	2.046	2.923	12.1	22.4

108144 2001 HM_{1} 6 8.1 130°.99 3°.3/ 7.3 18

5 1	17 34.11	−16 42.9	1.671	2.501	16.1	19.7
5 11	17 29.55	−16 4.7	1.598	2.507	12.6	19.5
5 21	17 22.41	−15 27.4	1.545	2.512	8.7	19.2
5 31	17 13.41	−14 53.3	1.517	2.518	4.8	19.0
6 10	17 3.59	−14 24.7	1.515	2.523	3.6	19.0
6 20	16 54.09	−14 3.9	1.539	2.528	6.8	19.2
6 30	16 46.01	−13 52.8	1.588	2.532	10.8	19.4
7 10	16 40.16	−13 52.2	1.659	2.537	14.4	19.6

394035 2005 WL_{60} 6 8.1 253°.94 2°.3/ 7.8 18

5 1	17 31.05	−14 18.6	2.478	3.289	12.0	20.4
5 11	17 26.51	−14 29.5	2.383	3.281	9.5	20.2
5 21	17 20.12	−14 44.9	2.311	3.273	6.6	20.0
5 31	17 12.33	−15 4.9	2.266	3.265	3.6	19.8
6 10	17 3.83	−15 29.7	2.248	3.257	2.4	19.7
6 20	16 55.38	−15 58.9	2.259	3.249	4.9	19.8
6 30	16 47.74	−16 32.0	2.298	3.240	8.0	20.0
7 10	16 41.58	−17 8.7	2.361	3.232	10.9	20.2

86260 1999 TT_{232} 6 8.1 331°.85 10°.7/ 4.9 18

5 1	17 25.90	+ 1 41.4	1.800	2.604	16.1	18.6
5 11	17 23.12	+ 2 57.4	1.719	2.587	14.0	18.4
5 21	17 18.14	+ 4 0.2	1.657	2.571	12.1	18.3
5 31	17 11.50	+ 4 43.5	1.617	2.555	10.8	18.2
6 10	17 4.02	+ 5 2.2	1.600	2.541	10.9	18.1
6 20	16 56.62	+ 4 53.8	1.605	2.526	12.2	18.2
6 30	16 50.23	+ 4 18.6	1.631	2.513	14.4	18.3
7 10	16 45.65	+ 3 20.0	1.677	2.501	16.7	18.4

499667 2010 VZ_{156} 6 8.1 224°.00 0°.5/ 8.2 17

5 1	17 36.18	−25 19.7	1.917	2.734	14.8	22.6
5 11	17 31.20	−25 9.6	1.822	2.725	11.7	22.4
5 21	17 23.60	−24 54.6	1.749	2.716	7.9	22.1
5 31	17 14.01	−24 33.6	1.701	2.706	3.7	21.9
6 10	17 3.42	−24 7.1	1.680	2.695	1.0	21.6
6 20	16 52.97	−23 36.5	1.687	2.683	5.3	21.9
6 30	16 43.80	−23 4.9	1.720	2.672	9.6	22.1
7 10	16 36.81	−22 35.8	1.776	2.659	13.3	22.3

475007 2005 TF_{163} 6 8.1 265°.52 5°.5/ 5.7 18

5 1	17 28.85	− 8 55.9	2.410	3.219	12.4	21.7
5 11	17 24.77	− 7 49.7	2.318	3.207	10.1	21.5
5 21	17 18.92	− 6 46.8	2.248	3.194	7.7	21.3
5 31	17 11.77	− 5 50.8	2.204	3.181	5.9	21.2
6 10	17 3.99	− 5 5.0	2.188	3.169	5.7	21.2
6 20	16 56.31	− 4 32.1	2.198	3.156	7.4	21.2
6 30	16 49.46	− 4 13.5	2.234	3.142	9.9	21.4
7 10	16 44.05	− 4 9.2	2.293	3.129	12.4	21.5

118942 2000 WK_{62} 6 8.1 176°.44 2°.9/ 7.7 18

5 1	17 31.22	−11 56.8	2.658	3.461	11.5	19.9
5 11	17 26.41	−12 1.5	2.571	3.462	9.1	19.8
5 21	17 19.92	−12 11.2	2.507	3.463	6.4	19.6
5 31	17 12.20	−12 26.6	2.470	3.464	3.9	19.4
6 10	17 3.91	−12 47.9	2.461	3.464	3.0	19.4
6 20	16 55.71	−13 15.1	2.481	3.465	5.0	19.5
6 30	16 48.32	−13 47.6	2.529	3.464	7.7	19.7
7 10	16 42.31	−14 24.8	2.603	3.464	10.3	19.8

76564 2000 GO_{105} 6 8.1 219°.43 2°.6/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.65	−29 20.5	2.369	3.172	12.7	19.1
5 11	17 29.66	−29 53.0	2.275	3.166	10.1	18.9
5 21	17 22.42	−30 21.5	2.203	3.160	7.1	18.7
5 31	17 13.47	−30 43.3	2.156	3.153	4.1	18.5
6 10	17 3.62	−30 56.7	2.138	3.146	2.6	18.4
6 20	16 53.83	−31 1.3	2.148	3.139	5.0	18.6
6 30	16 45.07	−30 58.3	2.185	3.131	8.2	18.7
7 10	16 38.13	−30 50.2	2.247	3.123	11.2	18.9

221794 2008 BC_{34} 6 8.1 17°.54 0°.9/ 7.9 17 R

5 1	17 29.55	−22 16.7	1.161	2.025	19.5	19.8
5 11	17 27.12	−22 0.3	1.101	2.030	15.2	19.6
5 21	17 21.34	−21 41.0	1.059	2.037	10.2	19.3
5 31	17 13.07	−21 19.2	1.038	2.045	4.7	19.0
6 10	17 3.74	−20 56.7	1.039	2.054	1.5	18.8
6 20	16 54.89	−20 35.8	1.064	2.064	6.9	19.2
6 30	16 47.95	−20 19.7	1.110	2.075	12.1	19.5
7 10	16 43.91	−20 10.7	1.177	2.088	16.6	19.8

87155 2000 NF_{21} 6 8.1 342°.53 1°.4/ 8.6 18

5 1	17 30.28	−29 39.6	1.342	2.189	18.3	18.1
5 11	17 27.62	−28 58.5	1.260	2.179	14.6	17.8
5 21	17 21.68	−28 3.4	1.198	2.170	10.0	17.5
5 31	17 13.26	−26 53.9	1.157	2.162	4.9	17.2
6 10	17 3.69	−25 32.5	1.141	2.155	1.6	17.0
6 20	16 54.47	−24 4.9	1.149	2.149	6.5	17.3
6 30	16 47.05	−22 38.6	1.180	2.144	11.6	17.5
7 10	16 42.43	−21 20.8	1.232	2.140	16.2	17.8

74416 1999 AR_{10} 6 8.1 333°.78 3°.9/ 8.4 18

5 1	17 32.89	−29 30.8	1.658	2.487	16.2	19.0
5 11	17 29.32	−30 22.5	1.572	2.478	13.0	18.7
5 21	17 22.76	−31 10.4	1.507	2.470	9.3	18.5
5 31	17 13.79	−31 50.3	1.465	2.462	5.5	18.2
6 10	17 3.53	−32 18.7	1.448	2.455	3.9	18.1
6 20	16 53.31	−32 34.0	1.457	2.449	6.7	18.3
6 30	16 44.53	−32 37.5	1.490	2.443	10.7	18.5
7 10	16 38.28	−32 33.0	1.545	2.438	14.4	18.7

87857 2000 SD_{222} 6 8.1 305°.55 10°.7/ 4.3 18

5 1	17 29.16	− 2 19.7	1.598	2.417	17.2	18.9
5 11	17 26.20	− 0 50.6	1.498	2.383	14.8	18.7
5 21	17 20.59	+ 0 30.7	1.418	2.350	12.4	18.5
5 31	17 12.81	+ 1 36.6	1.360	2.317	10.9	18.3
6 10	17 3.75	+ 2 19.7	1.325	2.284	11.0	18.2
6 20	16 54.52	+ 2 35.0	1.312	2.250	13.0	18.2
6 30	16 46.33	+ 2 20.5	1.320	2.218	16.0	18.3
7 10	16 40.24	+ 1 38.2	1.346	2.185	19.3	18.4

373253 2012 GA_{31} 6 8.1 22°.91 2°.0/ 8.4 17

5 1	17 32.28	−26 42.7	1.276	2.126	18.9	20.4
5 11	17 29.18	−26 58.2	1.212	2.132	14.9	20.2
5 21	17 22.71	−27 8.0	1.166	2.139	10.2	19.9
5 31	17 13.72	−27 9.9	1.142	2.146	5.1	19.7
6 10	17 3.59	−27 2.9	1.141	2.155	2.2	19.5
6 20	16 53.90	−26 48.1	1.164	2.164	6.6	19.8
6 30	16 46.12	−26 28.9	1.211	2.174	11.5	20.1
7 10	16 41.26	−26 9.7	1.277	2.184	15.8	20.4

428013 2006 BW_{120} 6 8.1 56°.91 8°.5/ 6.9 17

5 1	17 31.02	− 2 51.4	1.692	2.505	16.6	21.0
5 11	17 26.94	− 1 59.7	1.633	2.517	13.9	20.9
5 21	17 20.56	− 1 20.9	1.594	2.529	11.1	20.7
5 31	17 12.55	− 0 59.8	1.578	2.542	9.0	20.6
6 10	17 3.89	− 0 59.3	1.585	2.554	8.6	20.6
6 20	16 55.56	− 1 20.1	1.617	2.567	10.1	20.7
6 30	16 48.53	− 2 0.6	1.672	2.580	12.6	20.9
7 10	16 43.50	− 2 57.1	1.747	2.593	15.2	21.1

491321 2011 WX_{86} 6 8.1 224°.77 0°.0/ 7.9 18

5 1	17 31.38	−22 28.2	2.644	3.454	11.4	22.8
5 11	17 26.73	−22 35.3	2.547	3.447	8.9	22.6
5 21	17 20.26	−22 41.3	2.473	3.439	6.0	22.4
5 31	17 12.42	−22 45.6	2.426	3.430	2.7	22.2
6 10	17 3.91	−22 48.2	2.407	3.422	0.7	22.0
6 20	16 55.47	−22 49.2	2.417	3.413	4.0	22.3
6 30	16 47.86	−22 49.5	2.455	3.404	7.2	22.4
7 10	16 41.71	−22 50.5	2.518	3.394	10.1	22.6

350929 2002 TG_{166} 6 8.1 275°.16 5°.0/ 9.4 18

5 1	17 36.50	−37 15.5	2.215	3.003	14.0	21.4
5 11	17 31.63	−37 34.6	2.103	2.978	11.6	21.2
5 21	17 24.05	−37 43.3	2.013	2.953	8.8	21.0
5 31	17 14.33	−37 37.6	1.946	2.927	6.2	20.8
6 10	17 3.45	−37 15.3	1.906	2.900	5.0	20.6
6 20	16 52.56	−36 36.2	1.893	2.874	6.6	20.7
6 30	16 42.89	−35 43.6	1.906	2.846	9.5	20.8
7 10	16 35.41	−34 42.8	1.944	2.819	12.7	20.9

64169 2001 TA_{52} 6 8.1 210°.71 0°.4/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.60	−21 51.4	2.637	3.447	11.4	21.0
5 11	17 26.87	−21 49.1	2.541	3.441	8.9	20.8
5 21	17 20.32	−21 45.5	2.469	3.435	6.0	20.6
5 31	17 12.45	−21 40.4	2.424	3.429	2.7	20.4
6 10	17 3.93	−21 34.1	2.407	3.422	0.8	20.2
6 20	16 55.51	−21 27.1	2.419	3.415	4.1	20.5
6 30	16 47.94	−21 20.6	2.459	3.407	7.3	20.6
7 10	16 41.84	−21 16.1	2.525	3.399	10.2	20.8

284578 2007 TH_{100} 6 8.1 64°.32 1°.2/ 7.8 17

5 1	17 31.65	−19 49.4	1.986	2.812	14.0	21.1
5 11	17 27.40	−19 43.0	1.905	2.813	11.0	20.9
5 21	17 20.91	−19 36.5	1.846	2.814	7.4	20.7
5 31	17 12.77	−19 30.4	1.811	2.816	3.5	20.5
6 10	17 3.86	−19 25.0	1.804	2.817	1.5	20.3
6 20	16 55.15	−19 21.3	1.823	2.819	5.2	20.6
6 30	16 47.59	−19 20.5	1.869	2.820	9.0	20.8
7 10	16 41.92	−19 23.7	1.938	2.822	12.4	21.0

32467 2000 SL_{174} 6 8.1 210°.81 4°.3/ 5.1 18

5 1	17 22.28	− 2 15.7	4.566	5.342	7.5	19.3
5 11	17 18.86	− 1 24.4	4.484	5.341	6.3	19.2
5 21	17 14.58	− 0 37.9	4.426	5.340	5.1	19.1
5 31	17 9.73	+ 0 2.1	4.396	5.339	4.4	19.0
6 10	17 4.61	+ 0 34.0	4.393	5.338	4.4	19.0
6 20	16 59.57	+ 0 56.9	4.418	5.338	5.1	19.1
6 30	16 54.94	+ 1 10.4	4.469	5.337	6.2	19.2
7 10	16 51.00	+ 1 14.7	4.544	5.335	7.4	19.3

379191 2009 SG_{15} 6 8.1 295°.34 2°.0/ 8.3 17 R

5 1	17 33.97	−26 9.1	1.549	2.384	16.9	21.2
5 11	17 30.51	−26 34.9	1.447	2.359	13.5	20.9
5 21	17 23.83	−26 58.3	1.365	2.334	9.4	20.6
5 31	17 14.44	−27 16.5	1.305	2.308	4.8	20.3
6 10	17 3.42	−27 27.1	1.270	2.283	2.2	20.1
6 20	16 52.19	−27 29.2	1.260	2.257	6.6	20.3
6 30	16 42.31	−27 24.4	1.274	2.232	11.6	20.5
7 10	16 35.07	−27 16.3	1.309	2.207	16.1	20.7

520908 2014 WQ_{529} 6 8.1 128°.07 1°.6/ 7.9 16

5 1	17 35.53	−18 26.6	1.645	2.475	16.3	22.3
5 11	17 30.85	−18 30.1	1.571	2.480	12.8	22.1
5 21	17 23.44	−18 35.7	1.517	2.486	8.6	21.9
5 31	17 13.99	−18 43.3	1.487	2.491	4.2	21.6
6 10	17 3.59	−18 52.8	1.483	2.496	1.9	21.5
6 20	16 53.46	−19 4.6	1.506	2.501	6.0	21.8
6 30	16 44.78	−19 19.1	1.554	2.506	10.3	22.0
7 10	16 38.44	−19 37.3	1.624	2.511	14.2	22.3

43813 Kühner 6 8.1 181°.39 0°.3/ 8.2 18

5 1	17 36.72	−24 35.6	2.133	2.943	13.7	20.1
5 11	17 31.24	−24 28.7	2.046	2.945	10.8	19.9
5 21	17 23.44	−24 18.0	1.980	2.945	7.3	19.7
5 31	17 13.92	−24 2.7	1.941	2.945	3.4	19.4
6 10	17 3.62	−23 43.1	1.930	2.945	0.8	19.2
6 20	16 53.53	−23 20.5	1.947	2.943	4.8	19.5
6 30	16 44.65	−22 57.1	1.992	2.941	8.6	19.7
7 10	16 37.73	−22 35.7	2.060	2.938	12.0	19.9

81614 2000 HS_{69} 6 8.1 261°.77 6°.8/ 8.6 18

5 1	17 38.22	−39 12.8	2.181	2.962	14.4	19.4
5 11	17 33.21	−40 27.5	2.089	2.952	12.1	19.2
5 21	17 25.28	−41 34.0	2.017	2.943	9.6	19.0
5 31	17 14.98	−42 26.5	1.970	2.933	7.6	18.9
6 10	17 3.33	−43 0.3	1.949	2.923	6.9	18.8
6 20	16 51.60	−43 13.5	1.954	2.913	8.1	18.8
6 30	16 41.14	−43 7.4	1.984	2.903	10.4	19.0
7 10	16 33.06	−42 46.8	2.038	2.893	13.0	19.1

190431 1999 VZ_{194} 6 8.1 311°.32 4°.5/ 9.5 17

5 1	17 33.52	−35 20.2	1.634	2.452	16.9	18.9
5 11	17 30.00	−35 15.6	1.536	2.432	13.8	18.7
5 21	17 23.29	−34 56.8	1.457	2.413	10.2	18.4
5 31	17 14.08	−34 20.1	1.401	2.394	6.5	18.1
6 10	17 3.58	−33 24.4	1.370	2.375	4.5	18.0
6 20	16 53.24	−32 11.7	1.364	2.357	6.9	18.0
6 30	16 44.53	−30 48.2	1.382	2.339	11.0	18.2
7 10	16 38.52	−29 21.8	1.423	2.321	15.0	18.4

8123 Canaletto 6 8.1 145°.29 2°.4/ 7.6 18

5 1	17 36.49	−18 2.5	1.695	2.520	16.1	18.9
5 11	17 31.42	−17 39.4	1.621	2.528	12.6	18.7
5 21	17 23.72	−17 16.8	1.568	2.536	8.6	18.5
5 31	17 14.09	−16 55.9	1.540	2.543	4.4	18.3
6 10	17 3.62	−16 38.4	1.538	2.549	2.7	18.2
6 20	16 53.48	−16 25.6	1.563	2.555	6.3	18.4
6 30	16 44.79	−16 19.5	1.614	2.561	10.4	18.6
7 10	16 38.39	−16 21.0	1.687	2.566	14.1	18.9

499358 2009 XA_{23} 6 8.1 210°.11 0°.5/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.81	−21 29.6	2.486	3.292	12.1	22.9
5 11	17 29.50	−21 29.3	2.387	3.285	9.5	22.7
5 21	17 22.18	−21 28.0	2.312	3.276	6.4	22.5
5 31	17 13.36	−21 25.3	2.263	3.267	3.0	22.2
6 10	17 3.78	−21 21.3	2.242	3.257	0.9	22.1
6 20	16 54.26	−21 16.3	2.251	3.246	4.4	22.3
6 30	16 45.67	−21 11.8	2.288	3.234	7.8	22.5
7 10	16 38.69	−21 9.0	2.350	3.222	10.9	22.7

319559 2006 SN_{34} 6 8.1 327°.82 0°.8/ 8.2 17

5 1	17 28.03	−25 9.8	1.168	2.032	19.4	20.3
5 11	17 26.50	−25 7.6	1.083	2.012	15.4	19.9
5 21	17 21.42	−24 59.7	1.015	1.992	10.6	19.6
5 31	17 13.40	−24 44.8	0.967	1.974	5.0	19.2
6 10	17 3.73	−24 22.9	0.941	1.956	1.4	18.9
6 20	16 54.05	−23 55.7	0.938	1.940	7.3	19.2
6 30	16 46.13	−23 27.5	0.956	1.925	13.1	19.5
7 10	16 41.32	−23 3.0	0.993	1.911	18.2	19.7

326911 2003 WG_{172} 6 8.1 172°.17 3°.2/ 7.5 17

5 1	17 35.68	−14 47.4	2.052	2.864	14.1	21.8
5 11	17 30.36	−14 27.3	1.970	2.868	11.1	21.7
5 21	17 22.82	−14 10.0	1.910	2.871	7.8	21.4
5 31	17 13.65	−13 56.9	1.876	2.874	4.4	21.2
6 10	17 3.73	−13 49.3	1.869	2.876	3.3	21.2
6 20	16 54.02	−13 48.2	1.891	2.877	6.0	21.4
6 30	16 45.45	−13 54.4	1.939	2.877	9.5	21.6
7 10	16 38.77	−14 8.1	2.010	2.877	12.7	21.8

518180 2016 NA_{71} 6 8.1 318°.41 1°.2/ 7.9 17

5 1	17 31.20	−20 12.0	1.652	2.489	15.9	21.4
5 11	17 27.67	−20 7.7	1.566	2.480	12.5	21.2
5 21	17 21.46	−20 3.4	1.500	2.472	8.4	20.9
5 31	17 13.17	−19 59.2	1.458	2.463	4.0	20.6
6 10	17 3.82	−19 55.7	1.441	2.455	1.6	20.4
6 20	16 54.59	−19 53.8	1.450	2.447	6.0	20.7
6 30	16 46.67	−19 54.8	1.483	2.440	10.4	21.0
7 10	16 40.99	−20 0.3	1.539	2.432	14.4	21.2

504576 2008 TK_{70} 6 8.1 200°.39 2°.5/ 7.5 17

5 1	17 32.32	−16 41.8	2.116	2.935	13.5	22.3
5 11	17 27.77	−16 21.9	2.030	2.933	10.6	22.1
5 21	17 21.11	−16 3.4	1.966	2.931	7.3	21.9
5 31	17 12.88	−15 47.4	1.927	2.928	3.9	21.7
6 10	17 3.91	−15 35.2	1.916	2.925	2.7	21.6
6 20	16 55.10	−15 28.0	1.932	2.922	5.6	21.8
6 30	16 47.35	−15 26.9	1.975	2.919	9.1	22.0
7 10	16 41.35	−15 32.5	2.042	2.915	12.3	22.2

93505 2000 TF_{53} 6 8.1 134°.20 4°.0/ 8.4 18

5 1	17 38.63	−30 37.3	1.954	2.760	15.0	19.8
5 11	17 33.29	−31 40.5	1.875	2.766	12.0	19.6
5 21	17 25.15	−32 39.4	1.818	2.772	8.6	19.4
5 31	17 14.85	−33 29.5	1.785	2.777	5.4	19.2
6 10	17 3.44	−34 6.9	1.780	2.783	4.1	19.1
6 20	16 52.16	−34 30.0	1.802	2.788	6.3	19.3
6 30	16 42.25	−34 40.2	1.851	2.793	9.6	19.5
7 10	16 34.69	−34 40.8	1.922	2.797	12.8	19.7

375838 2009 UF_{128} 6 8.1 328°.47 4°.6/ 6.4 18

5 1	17 31.31	−16 54.8	1.576	2.416	16.4	20.4
5 11	17 27.64	−15 32.8	1.496	2.410	13.0	20.1
5 21	17 21.32	−14 7.8	1.437	2.405	9.1	19.9
5 31	17 13.05	−12 44.3	1.402	2.400	5.6	19.7
6 10	17 3.90	−11 27.7	1.393	2.396	5.0	19.6
6 20	16 55.02	−10 23.3	1.409	2.391	8.1	19.8
6 30	16 47.54	− 9 35.1	1.449	2.388	12.1	20.0
7 10	16 42.30	− 9 4.9	1.510	2.384	15.7	20.2

389115 2008 YP_{94} 6 8.1 292°.08 1°.4/ 8.4 17

5 1	17 32.40	−27 12.4	1.928	2.750	14.5	21.6
5 11	17 28.31	−27 11.8	1.837	2.742	11.5	21.4
5 21	17 21.73	−27 5.6	1.768	2.735	7.9	21.2
5 31	17 13.25	−26 52.6	1.724	2.727	3.9	20.9
6 10	17 3.85	−26 32.6	1.706	2.720	1.6	20.7
6 20	16 54.60	−26 6.9	1.715	2.712	5.2	21.0
6 30	16 46.59	−25 38.1	1.749	2.705	9.2	21.2
7 10	16 40.68	−25 9.7	1.807	2.697	12.8	21.4

302143 2001 ST_{81} 6 8.1 336°.91 3°.3/ 8.7 17

5 1	17 28.43	−29 16.7	1.019	1.888	21.2	20.2
5 11	17 27.35	−29 26.6	0.944	1.875	17.0	19.8
5 21	17 22.25	−29 26.0	0.886	1.862	12.0	19.5
5 31	17 13.85	−29 11.6	0.847	1.851	6.5	19.2
6 10	17 3.69	−28 41.9	0.828	1.841	3.4	18.9
6 20	16 53.71	−27 58.9	0.830	1.832	8.0	19.2
6 30	16 45.90	−27 9.0	0.853	1.824	13.8	19.4
7 10	16 41.65	−26 19.6	0.893	1.818	19.0	19.7

330336 2006 UG_{263} 6 8.1 103°.81 1°.1/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.38	−20 47.1	1.697	2.525	15.9	21.8
5 11	17 30.59	−20 38.3	1.627	2.536	12.4	21.6
5 21	17 23.17	−20 28.7	1.579	2.548	8.3	21.4
5 31	17 13.86	−20 18.3	1.554	2.559	3.9	21.2
6 10	17 3.75	−20 7.7	1.556	2.570	1.4	21.0
6 20	16 54.00	−19 58.1	1.585	2.581	5.7	21.3
6 30	16 45.73	−19 51.5	1.639	2.592	9.9	21.6
7 10	16 39.74	−19 49.3	1.716	2.602	13.5	21.8

384112 2008 WV_{97} 6 8.1 141°.81 3°.2/ 7.5 17

5 1	17 32.87	−12 37.7	2.528	3.332	12.0	21.8
5 11	17 27.70	−12 23.9	2.452	3.344	9.5	21.6
5 21	17 20.79	−12 14.0	2.399	3.355	6.7	21.4
5 31	17 12.68	−12 9.3	2.372	3.366	4.1	21.3
6 10	17 4.04	−12 10.5	2.374	3.376	3.3	21.2
6 20	16 55.61	−12 18.2	2.405	3.386	5.3	21.4
6 30	16 48.09	−12 32.6	2.463	3.395	8.0	21.6
7 10	16 42.06	−12 53.3	2.546	3.404	10.6	21.8

87575 2000 RN_{14} 6 8.1 333°.81 0°.9/ 8.4 18

5 1	17 31.48	−27 24.4	2.057	2.877	13.8	19.1
5 11	17 27.33	−27 4.3	1.970	2.874	10.9	18.8
5 21	17 20.90	−26 37.4	1.905	2.871	7.4	18.6
5 31	17 12.83	−26 3.5	1.865	2.869	3.6	18.4
6 10	17 4.01	−25 23.3	1.852	2.866	1.1	18.2
6 20	16 55.42	−24 39.2	1.866	2.864	4.8	18.5
6 30	16 48.03	−23 54.4	1.907	2.862	8.6	18.7
7 10	16 42.58	−23 12.3	1.972	2.860	12.0	18.9

170931 2005 AV_9 6 8.1 149°.54 1°.4/ 7.7 17

5 1	17 35.63	−21 41.3	1.600	2.431	16.6	20.4
5 11	17 31.01	−21 8.3	1.524	2.435	13.0	20.2
5 21	17 23.59	−20 31.7	1.468	2.438	8.7	20.0
5 31	17 14.11	−19 52.6	1.437	2.442	4.1	19.7
6 10	17 3.72	−19 12.9	1.431	2.445	1.8	19.5
6 20	16 53.68	−18 35.8	1.452	2.447	6.2	19.8
6 30	16 45.18	−18 4.4	1.498	2.450	10.7	20.1
7 10	16 39.11	−17 41.4	1.565	2.452	14.6	20.3

450021 2015 QG_2 6 8.1 306°.23 4°.8/ 9.8 18

5 1	17 34.10	−38 9.0	2.225	3.014	13.9	21.1
5 11	17 29.51	−38 14.9	2.133	3.008	11.4	20.9
5 21	17 22.44	−38 8.8	2.062	3.001	8.7	20.8
5 31	17 13.56	−37 47.7	2.015	2.995	6.1	20.6
6 10	17 3.85	−37 10.5	1.995	2.989	4.8	20.5
6 20	16 54.40	−36 18.6	2.002	2.983	6.2	20.6
6 30	16 46.27	−35 15.9	2.035	2.977	8.9	20.7
7 10	16 40.26	−34 7.6	2.092	2.972	11.7	20.9

384047 2008 UR_{207} 6 8.1 176°.74 3°.1/ 8.7 17

5 1	17 35.12	−30 10.1	1.981	2.793	14.6	21.3
5 11	17 30.44	−30 39.4	1.898	2.794	11.6	21.1
5 21	17 23.18	−31 3.0	1.835	2.794	8.2	20.9
5 31	17 13.95	−31 17.9	1.798	2.794	4.8	20.7
6 10	17 3.76	−31 22.2	1.786	2.794	3.1	20.6
6 20	16 53.75	−31 16.1	1.802	2.794	5.6	20.8
6 30	16 45.05	−31 1.5	1.844	2.794	9.2	21.0
7 10	16 38.53	−30 42.2	1.910	2.794	12.5	21.2

442541 2011 YQ_{13} 6 8.1 285°.32 5°.8/ 7.6 18

5 1	17 31.50	− 4 1.0	2.365	3.157	13.1	20.6
5 11	17 27.02	− 3 57.4	2.264	3.139	10.8	20.4
5 21	17 20.61	− 4 4.2	2.184	3.120	8.5	20.3
5 31	17 12.73	− 4 24.0	2.130	3.102	6.4	20.1
6 10	17 4.04	− 4 57.9	2.102	3.083	5.9	20.0
6 20	16 55.33	− 5 45.8	2.102	3.064	7.4	20.1
6 30	16 47.40	− 6 46.4	2.128	3.045	9.9	20.2
7 10	16 40.96	− 7 57.1	2.179	3.027	12.5	20.3

397969 2008 YX_{170} 6 8.1 230°.00 5°.1/ 7.0 18

5 1	17 31.96	− 7 23.5	2.432	3.231	12.6	21.4
5 11	17 27.25	− 6 59.2	2.337	3.219	10.3	21.2
5 21	17 20.68	− 6 41.7	2.263	3.207	7.8	21.1
5 31	17 12.73	− 6 33.3	2.216	3.195	5.7	20.9
6 10	17 4.06	− 6 35.8	2.195	3.182	5.2	20.9
6 20	16 55.44	− 6 49.8	2.203	3.168	6.9	20.9
6 30	16 47.63	− 7 15.5	2.236	3.154	9.4	21.1
7 10	16 41.30	− 7 51.6	2.294	3.140	12.1	21.2

417490 2006 RL_{90} 6 8.1 194°.65 0°.7/ 7.9 17

5 1	17 35.90	−21 47.5	2.021	2.837	14.2	22.5
5 11	17 30.76	−21 35.5	1.932	2.835	11.1	22.3
5 21	17 23.24	−21 21.4	1.866	2.832	7.5	22.1
5 31	17 13.94	−21 5.2	1.825	2.829	3.5	21.8
6 10	17 3.79	−20 47.4	1.811	2.825	1.1	21.6
6 20	16 53.81	−20 29.4	1.825	2.821	5.2	21.9
6 30	16 45.03	−20 13.2	1.867	2.816	9.1	22.1
7 10	16 38.25	−20 0.9	1.932	2.810	12.6	22.3

284999 2010 NN_{90} 6 8.1 339°.98 5°.5/ 6.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 27.62	−10 52.1	1.944	2.772	14.2	20.1
5 11	17 24.28	− 9 54.0	1.863	2.765	11.5	19.9
5 21	17 18.87	− 8 59.7	1.802	2.759	8.5	19.7
5 31	17 11.92	− 8 13.0	1.766	2.753	6.1	19.5
6 10	17 4.26	− 7 37.3	1.756	2.747	5.7	19.5
6 20	16 56.75	− 7 15.2	1.771	2.742	7.8	19.6
6 30	16 50.28	− 7 7.9	1.811	2.738	10.7	19.8
7 10	16 45.55	− 7 15.1	1.872	2.734	13.7	19.9

36032 1999 OC 6 8.1 287°.65 6°.9/ 6.8 18

5 1	17 30.79	− 6 47.1	1.801	2.619	15.6	18.4
5 11	17 27.02	− 6 6.5	1.712	2.606	12.8	18.2
5 21	17 20.88	− 5 34.4	1.645	2.592	9.9	18.0
5 31	17 12.93	− 5 14.8	1.600	2.579	7.5	17.8
6 10	17 4.03	− 5 10.9	1.580	2.565	7.0	17.8
6 20	16 55.18	− 5 24.3	1.586	2.552	9.0	17.8
6 30	16 47.42	− 5 54.8	1.615	2.539	12.1	18.0
7 10	16 41.58	− 6 40.5	1.666	2.526	15.2	18.2

397359 2006 UC_{119} 6 8.1 148°.00 2°.5/ 8.6 16

5 1	17 33.93	−30 1.8	2.514	3.314	12.2	22.1
5 11	17 28.91	−30 29.4	2.430	3.320	9.7	22.0
5 21	17 21.83	−30 52.1	2.369	3.325	6.8	21.8
5 31	17 13.25	−31 7.8	2.334	3.330	3.9	21.6
6 10	17 3.97	−31 15.1	2.327	3.335	2.6	21.5
6 20	16 54.84	−31 14.2	2.349	3.339	4.7	21.7
6 30	16 46.73	−31 6.3	2.398	3.343	7.6	21.9
7 10	16 40.34	−30 54.1	2.471	3.347	10.3	22.0

499154 2009 SM_2 6 8.1 287°.23 1°.0/ 8.4 17

5 1	17 33.71	−26 32.7	1.598	2.430	16.6	21.5
5 11	17 29.92	−26 20.6	1.506	2.417	13.1	21.3
5 21	17 23.15	−26 1.6	1.435	2.404	9.0	21.0
5 31	17 14.06	−25 34.6	1.387	2.392	4.3	20.7
6 10	17 3.76	−24 59.9	1.364	2.379	1.3	20.4
6 20	16 53.60	−24 19.8	1.367	2.366	6.0	20.7
6 30	16 44.91	−23 38.2	1.395	2.353	10.8	21.0
7 10	16 38.73	−22 59.8	1.444	2.340	15.0	21.2

20115 Niheihajime 6 8.1 222°.97 4°.1/ 8.7 18

5 1	17 37.86	−33 35.9	2.409	3.197	13.0	18.5
5 11	17 32.38	−34 20.5	2.309	3.187	10.5	18.3
5 21	17 24.43	−34 59.2	2.231	3.176	7.8	18.1
5 31	17 14.56	−35 28.3	2.179	3.165	5.2	17.9
6 10	17 3.64	−35 45.1	2.155	3.153	4.1	17.8
6 20	16 52.71	−35 48.6	2.159	3.140	5.8	17.9
6 30	16 42.84	−35 40.2	2.191	3.127	8.7	18.1
7 10	16 34.92	−35 23.4	2.247	3.114	11.5	18.2

409178 2003 UQ_{282} 6 8.1 238°.07 1°.2/ 7.9 17

5 1	17 37.11	−18 59.3	1.973	2.788	14.5	21.1
5 11	17 31.99	−19 7.1	1.871	2.772	11.5	20.9
5 21	17 24.29	−19 16.6	1.790	2.756	7.8	20.6
5 31	17 14.54	−19 27.4	1.734	2.738	3.7	20.3
6 10	17 3.64	−19 39.2	1.706	2.720	1.5	20.1
6 20	16 52.68	−19 51.8	1.706	2.701	5.6	20.4
6 30	16 42.80	−20 6.0	1.733	2.681	9.8	20.6
7 10	16 34.94	−20 22.7	1.783	2.660	13.6	20.8

216813 2006 UO_{16} 6 8.1 132°.25 0°.9/ 8.2 17

5 1	17 33.02	−24 6.8	2.343	3.155	12.6	20.8
5 11	17 28.27	−24 34.4	2.259	3.159	9.8	20.6
5 21	17 21.45	−25 0.8	2.197	3.162	6.7	20.4
5 31	17 13.10	−25 24.5	2.162	3.165	3.2	20.2
6 10	17 4.01	−25 44.3	2.155	3.169	1.1	20.0
6 20	16 55.04	−25 59.7	2.176	3.172	4.4	20.3
6 30	16 47.08	−26 11.6	2.224	3.175	7.8	20.5
7 10	16 40.83	−26 21.3	2.298	3.178	10.8	20.7

32388 2000 QU_{201} 6 8.1 160°.08 4°.9/ 9.4 18

5 1	17 35.66	−38 3.5	2.541	3.320	12.6	19.5
5 11	17 30.45	−38 36.5	2.456	3.323	10.4	19.3
5 21	17 22.96	−39 0.2	2.394	3.326	8.0	19.2
5 31	17 13.81	−39 11.3	2.356	3.329	5.8	19.0
6 10	17 3.88	−39 7.9	2.345	3.332	4.9	19.0
6 20	16 54.14	−38 50.1	2.362	3.334	6.0	19.1
6 30	16 45.56	−38 20.4	2.405	3.336	8.2	19.2
7 10	16 38.90	−37 42.7	2.473	3.338	10.6	19.4

253840 2003 YC_{117} 6 8.1 175°.00 2°.9/ 8.8 17

5 1	17 39.23	−30 51.8	2.137	2.936	14.1	22.1
5 11	17 33.41	−31 10.7	2.051	2.939	11.2	21.9
5 21	17 25.05	−31 22.8	1.987	2.942	8.0	21.7
5 31	17 14.79	−31 25.3	1.948	2.944	4.6	21.5
6 10	17 3.65	−31 16.9	1.937	2.945	2.9	21.4
6 20	16 52.73	−30 58.0	1.954	2.945	5.4	21.5
6 30	16 43.13	−30 31.3	1.998	2.945	8.8	21.7
7 10	16 35.68	−30 0.8	2.067	2.943	12.0	21.9

471852 2012 XX_{152} 6 8.1 259°.47 1°.8/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.52	−18 46.9	2.275	3.091	12.8	22.6
5 11	17 28.01	−18 28.3	2.168	3.071	10.1	22.4
5 21	17 21.39	−18 9.3	2.084	3.050	6.9	22.1
5 31	17 13.14	−17 50.6	2.026	3.029	3.5	21.9
6 10	17 4.02	−17 33.1	1.995	3.007	2.0	21.7
6 20	16 54.89	−17 18.3	1.993	2.985	5.2	21.9
6 30	16 46.66	−17 7.6	2.018	2.963	8.8	22.1
7 10	16 40.09	−17 2.6	2.066	2.940	12.1	22.2

503620 2016 GY_{129} 6 8.1 94°.58 0°.9/ 8.3 17

5 1	17 37.30	−25 18.3	1.542	2.372	17.2	21.8
5 11	17 32.44	−25 21.3	1.477	2.386	13.5	21.6
5 21	17 24.60	−25 19.8	1.431	2.399	9.1	21.4
5 31	17 14.60	−25 12.3	1.408	2.413	4.3	21.1
6 10	17 3.71	−24 58.8	1.411	2.426	1.2	20.9
6 20	16 53.28	−24 40.6	1.441	2.439	5.8	21.3
6 30	16 44.57	−24 20.6	1.495	2.452	10.3	21.6
7 10	16 38.47	−24 2.5	1.572	2.464	14.2	21.8

390409 2013 YU_{16} 6 8.1 257°.13 2°.6/ 7.6 17

5 1	17 32.29	−16 4.3	2.001	2.823	14.1	21.5
5 11	17 28.03	−15 51.8	1.907	2.812	11.1	21.2
5 21	17 21.48	−15 41.8	1.836	2.801	7.7	21.0
5 31	17 13.20	−15 35.2	1.789	2.790	4.2	20.8
6 10	17 4.01	−15 33.2	1.769	2.778	2.8	20.7
6 20	16 54.88	−15 36.6	1.776	2.766	5.9	20.8
6 30	16 46.80	−15 46.1	1.809	2.755	9.6	21.0
7 10	16 40.58	−16 2.1	1.865	2.743	13.0	21.2

124761 2001 ST_{230} 6 8.1 78°.21 3°.9/ 8.6 18

5 1	17 38.66	−29 23.0	1.341	2.175	19.1	19.7
5 11	17 34.28	−30 7.7	1.275	2.184	15.2	19.5
5 21	17 26.29	−30 46.3	1.228	2.193	10.7	19.2
5 31	17 15.54	−31 13.9	1.203	2.202	6.1	19.0
6 10	17 3.48	−31 26.9	1.202	2.211	4.0	18.9
6 20	16 51.84	−31 25.0	1.226	2.220	7.3	19.1
6 30	16 42.24	−31 11.5	1.273	2.230	11.8	19.4
7 10	16 35.80	−30 52.0	1.342	2.239	15.9	19.7

511409 2014 HS_{47} 6 8.1 149°.24 2°.3/ 8.5 17

5 1	17 33.43	−28 20.3	2.354	3.161	12.7	21.6
5 11	17 28.70	−28 53.1	2.268	3.163	10.0	21.4
5 21	17 21.80	−29 22.3	2.205	3.165	7.0	21.2
5 31	17 13.30	−29 45.6	2.168	3.167	3.8	21.0
6 10	17 4.01	−30 1.4	2.159	3.169	2.3	20.9
6 20	16 54.84	−30 9.4	2.178	3.170	4.8	21.1
6 30	16 46.71	−30 10.7	2.223	3.172	7.9	21.3
7 10	16 40.35	−30 7.6	2.294	3.173	10.9	21.5

277541 2005 YK_{56} 6 8.1 241°.44 0°.4/ 8.2 18

5 1	17 36.02	−23 16.1	2.246	3.055	13.2	21.5
5 11	17 30.89	−23 31.5	2.139	3.037	10.4	21.3
5 21	17 23.43	−23 45.8	2.055	3.020	7.1	21.1
5 31	17 14.13	−23 57.8	1.997	3.001	3.3	20.8
6 10	17 3.81	−24 6.6	1.967	2.982	0.8	20.6
6 20	16 53.43	−24 11.9	1.966	2.962	4.8	20.8
6 30	16 44.01	−24 14.8	1.992	2.941	8.6	21.0
7 10	16 36.41	−24 17.1	2.043	2.920	12.1	21.2

166472 2002 PG_{116} 6 8.1 188°.30 4°.8/ 9.8 18

5 1	17 37.05	−38 35.8	2.416	3.194	13.2	20.3
5 11	17 31.60	−38 48.5	2.327	3.193	10.9	20.1
5 21	17 23.76	−38 50.0	2.258	3.192	8.3	20.0
5 31	17 14.18	−38 37.2	2.215	3.191	5.9	19.8
6 10	17 3.82	−38 8.7	2.199	3.190	4.8	19.7
6 20	16 53.75	−37 25.7	2.210	3.188	6.0	19.8
6 30	16 44.95	−36 31.4	2.249	3.185	8.5	20.0
7 10	16 38.21	−35 30.7	2.312	3.183	11.1	20.1

31524 1999 CE_{112} 6 8.1 10°.35 1°.9/ 7.5 18

5 1	17 29.74	−23 45.2	1.260	2.117	18.7	17.3
5 11	17 27.07	−22 37.9	1.193	2.119	14.6	17.0
5 21	17 21.24	−21 21.7	1.145	2.122	9.8	16.8
5 31	17 13.13	−19 59.7	1.120	2.126	4.6	16.5
6 10	17 4.07	−18 37.3	1.118	2.131	2.3	16.3
6 20	16 55.51	−17 20.6	1.140	2.138	7.2	16.7
6 30	16 48.74	−16 15.8	1.186	2.145	12.1	17.0
7 10	16 44.68	−15 26.7	1.251	2.154	16.4	17.2

87253 2000 OT_{50} 6 8.1 281°.18 0°.5/ 8.2 18

5 1	17 34.87	−23 23.1	1.895	2.717	14.8	19.9
5 11	17 30.60	−23 36.9	1.783	2.689	11.7	19.6
5 21	17 23.59	−23 49.7	1.692	2.660	8.0	19.3
5 31	17 14.34	−24 0.1	1.626	2.631	3.8	19.0
6 10	17 3.74	−24 6.9	1.586	2.601	1.0	18.7
6 20	16 52.92	−24 10.0	1.574	2.571	5.6	19.0
6 30	16 43.15	−24 10.5	1.587	2.541	10.1	19.2
7 10	16 35.50	−24 10.8	1.624	2.510	14.2	19.4

478111 2011 UF_{82} 6 8.1 203°.26 0°.6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.07	−22 32.6	2.714	3.523	11.1	21.7
5 11	17 26.39	−22 7.1	2.620	3.520	8.7	21.5
5 21	17 20.01	−21 38.8	2.550	3.516	5.8	21.3
5 31	17 12.40	−21 8.0	2.507	3.512	2.7	21.1
6 10	17 4.24	−20 35.8	2.493	3.507	0.9	21.0
6 20	16 56.23	−20 3.9	2.508	3.502	4.0	21.2
6 30	16 49.07	−19 34.1	2.551	3.497	7.1	21.4
7 10	16 43.34	−19 8.2	2.619	3.492	9.9	21.5

510651 2012 TE_{241} 6 8.1 215°.74 0°.6/ 8.2 18

5 1	17 33.61	−23 57.0	2.291	3.104	12.8	22.1
5 11	17 28.83	−24 9.8	2.198	3.099	10.1	21.9
5 21	17 21.91	−24 20.9	2.128	3.093	6.8	21.7
5 31	17 13.37	−24 29.0	2.083	3.087	3.2	21.5
6 10	17 4.01	−24 33.7	2.067	3.081	0.9	21.3
6 20	16 54.74	−24 34.9	2.078	3.075	4.5	21.5
6 30	16 46.48	−24 33.9	2.117	3.068	8.1	21.7
7 10	16 39.96	−24 32.5	2.181	3.061	11.3	21.9

523001 2016 PH_{121} 6 8.1 289°.93 0°.7/ 7.9 16

5 1	17 31.64	−20 54.9	1.997	2.822	14.0	21.4
5 11	17 27.55	−20 54.7	1.908	2.816	11.0	21.1
5 21	17 21.17	−20 54.0	1.841	2.810	7.4	20.9
5 31	17 13.06	−20 52.8	1.799	2.804	3.4	20.6
6 10	17 4.08	−20 51.2	1.783	2.798	1.1	20.5
6 20	16 55.22	−20 49.8	1.795	2.792	5.1	20.7
6 30	16 47.47	−20 49.8	1.833	2.786	9.0	20.9
7 10	16 41.61	−20 52.7	1.894	2.780	12.5	21.2

320570 2008 AP_{98} 6 8.1 144°.07 0°.5/ 8.1 17

5 1	17 35.91	−20 48.6	1.641	2.471	16.3	21.2
5 11	17 31.31	−21 0.0	1.564	2.474	12.8	21.0
5 21	17 23.89	−21 11.9	1.508	2.477	8.6	20.8
5 31	17 14.36	−21 23.5	1.475	2.480	4.0	20.5
6 10	17 3.79	−21 34.0	1.468	2.483	1.1	20.3
6 20	16 53.46	−21 43.6	1.488	2.486	5.8	20.6
6 30	16 44.58	−21 53.2	1.533	2.488	10.3	20.9
7 10	16 38.10	−22 4.4	1.601	2.490	14.2	21.1

314050 2005 AU_{17} 6 8.1 197°.23 1°.4/ 7.9 17

5 1	17 37.52	−19 11.2	2.001	2.814	14.4	21.9
5 11	17 32.08	−19 7.3	1.910	2.811	11.3	21.6
5 21	17 24.19	−19 3.9	1.842	2.807	7.7	21.4
5 31	17 14.45	−19 0.9	1.799	2.802	3.7	21.2
6 10	17 3.77	−18 58.7	1.783	2.796	1.7	21.0
6 20	16 53.22	−18 57.8	1.796	2.790	5.4	21.2
6 30	16 43.84	−18 59.5	1.836	2.782	9.4	21.5
7 10	16 36.49	−19 5.1	1.900	2.774	13.0	21.7

466650 2014 WX_{63} 6 8.1 257°.48 1°.9/ 7.8 17

5 1	17 35.05	−19 38.7	1.553	2.388	16.9	21.8
5 11	17 30.96	−19 19.8	1.462	2.375	13.3	21.6
5 21	17 23.89	−19 0.0	1.391	2.362	9.1	21.3
5 31	17 14.45	−18 40.0	1.344	2.348	4.5	21.0
6 10	17 3.76	−18 21.1	1.321	2.334	2.2	20.8
6 20	16 53.12	−18 5.3	1.325	2.320	6.7	21.0
6 30	16 43.89	−17 54.8	1.353	2.306	11.5	21.3
7 10	16 37.15	−17 51.8	1.402	2.291	15.8	21.5

436278 2010 CW_{163} 6 8.1 136°.93 1°.7/ 7.9 18

5 1	17 32.97	−18 7.3	1.930	2.754	14.4	21.1
5 11	17 28.55	−18 6.9	1.850	2.756	11.3	20.9
5 21	17 21.80	−18 8.3	1.791	2.758	7.7	20.7
5 31	17 13.33	−18 11.6	1.756	2.760	3.8	20.5
6 10	17 4.05	−18 17.3	1.749	2.762	1.9	20.4
6 20	16 54.94	−18 25.5	1.769	2.763	5.4	20.6
6 30	16 47.02	−18 37.1	1.815	2.765	9.3	20.8
7 10	16 41.04	−18 52.7	1.884	2.766	12.7	21.0

89394 2001 VJ_{117} 6 8.1 52°.73 2°.2/ 8.4 18

5 1	17 34.95	−26 58.8	1.664	2.491	16.2	19.5
5 11	17 30.68	−27 26.3	1.588	2.495	12.8	19.2
5 21	17 23.53	−27 49.8	1.533	2.499	8.8	19.0
5 31	17 14.21	−28 6.7	1.502	2.504	4.6	18.8
6 10	17 3.85	−28 15.1	1.496	2.508	2.3	18.6
6 20	16 53.74	−28 15.1	1.516	2.512	5.8	18.9
6 30	16 45.14	−28 8.6	1.561	2.517	10.0	19.1
7 10	16 38.99	−27 59.2	1.629	2.522	13.8	19.4

471639 2012 TN_{67} 6 8.1 307°.91 1°.6/ 7.7 16

5 1	17 30.54	−21 25.9	1.624	2.464	16.0	21.8
5 11	17 27.44	−20 54.2	1.522	2.438	12.7	21.5
5 21	17 21.55	−20 18.2	1.439	2.412	8.7	21.2
5 31	17 13.41	−19 38.8	1.380	2.386	4.2	20.9
6 10	17 4.01	−18 58.2	1.346	2.360	2.0	20.6
6 20	16 54.55	−18 19.2	1.338	2.334	6.5	20.9
6 30	16 46.33	−17 45.5	1.354	2.309	11.3	21.1
7 10	16 40.39	−17 20.3	1.391	2.285	15.6	21.3

386521 2009 BY_{149} 6 8.1 355°.14 0°.1/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 30.39	−23 2.3	1.796	2.630	15.0	20.6
5 11	17 26.81	−22 56.4	1.715	2.628	11.7	20.4
5 21	17 20.77	−22 47.8	1.655	2.626	7.9	20.1
5 31	17 12.90	−22 36.4	1.619	2.625	3.6	19.9
6 10	17 4.16	−22 22.7	1.609	2.624	0.9	19.7
6 20	16 55.62	−22 8.0	1.625	2.623	5.3	20.0
6 30	16 48.35	−21 54.3	1.666	2.623	9.4	20.2
7 10	16 43.15	−21 43.8	1.730	2.624	13.1	20.5

324359 2006 QL_{106} 6 8.1 273°.05 5°.2/ 9.0 17

5 1	17 37.23	−33 59.3	1.612	2.428	17.2	21.1
5 11	17 33.12	−34 33.4	1.518	2.413	14.1	20.8
5 21	17 25.62	−34 58.3	1.443	2.397	10.4	20.6
5 31	17 15.35	−35 9.0	1.391	2.382	6.8	20.3
6 10	17 3.56	−35 1.8	1.364	2.366	5.2	20.2
6 20	16 51.79	−34 36.3	1.362	2.350	7.6	20.3
6 30	16 41.66	−33 56.1	1.384	2.334	11.5	20.5
7 10	16 34.39	−33 7.7	1.428	2.318	15.5	20.6

71760 2000 RQ_{67} 6 8.1 322°.23 4°.6/ 8.4 18

5 1	17 33.75	−28 55.1	1.253	2.100	19.4	18.1
5 11	17 31.09	−29 54.5	1.170	2.087	15.6	17.8
5 21	17 24.67	−30 51.2	1.107	2.075	11.2	17.5
5 31	17 15.06	−31 39.5	1.064	2.063	6.6	17.2
6 10	17 3.62	−32 14.0	1.043	2.052	4.7	17.1
6 20	16 52.12	−32 31.9	1.047	2.041	8.2	17.2
6 30	16 42.45	−32 34.8	1.072	2.031	13.0	17.5
7 10	16 36.09	−32 27.7	1.116	2.022	17.6	17.7

265024 2003 HJ_{42} 6 8.1 50°.34 8°.1/ 7.1 17

5 1	17 31.66	− 4 45.9	1.573	2.395	17.3	20.4
5 11	17 27.73	− 4 0.2	1.512	2.404	14.3	20.2
5 21	17 21.31	− 3 26.9	1.471	2.414	11.2	20.0
5 31	17 13.10	− 3 10.4	1.452	2.425	8.7	19.9
6 10	17 4.14	− 3 13.8	1.456	2.436	8.2	19.9
6 20	16 55.52	− 3 37.6	1.485	2.447	9.9	20.0
6 30	16 48.28	− 4 20.1	1.537	2.458	12.7	20.2
7 10	16 43.19	− 5 17.9	1.610	2.469	15.7	20.5

43962 1997 EX_{13} 6 8.2 220°.95 1°.0/ 8.4 18

5 1	17 36.76	−25 56.5	1.892	2.709	15.0	19.7
5 11	17 31.82	−25 57.5	1.799	2.701	11.8	19.5
5 21	17 24.20	−25 53.8	1.727	2.693	8.1	19.2
5 31	17 14.53	−25 44.2	1.680	2.684	3.9	18.9
6 10	17 3.81	−25 28.1	1.660	2.674	1.3	18.7
6 20	16 53.22	−25 6.6	1.667	2.664	5.4	19.0
6 30	16 43.92	−24 42.3	1.701	2.654	9.6	19.2
7 10	16 36.84	−24 18.6	1.758	2.643	13.3	19.4

441355 2008 DD_{34} 6 8.2 16°.45 14°.9/ 4.1 18

5 1	17 27.44	+15 51.3	1.912	2.644	17.7	20.3
5 11	17 24.12	+17 31.7	1.865	2.649	16.5	20.3
5 21	17 18.74	+18 48.7	1.835	2.654	15.5	20.2
5 31	17 11.90	+19 35.4	1.824	2.660	15.0	20.2
6 10	17 4.44	+19 47.7	1.831	2.667	15.0	20.2
6 20	16 57.24	+19 24.6	1.858	2.674	15.6	20.2
6 30	16 51.15	+18 28.7	1.902	2.681	16.6	20.3
7 10	16 46.82	+17 5.3	1.962	2.689	17.8	20.4

203751 2002 RA_{72} 6 8.2 271°.65 1°.0/ 7.9 18

5 1	17 31.79	−20 55.4	2.017	2.841	13.9	20.9
5 11	17 27.67	−20 44.1	1.925	2.832	10.9	20.7
5 21	17 21.26	−20 31.6	1.855	2.824	7.4	20.4
5 31	17 13.14	−20 18.0	1.810	2.815	3.5	20.2
6 10	17 4.15	−20 4.2	1.792	2.806	1.3	20.0
6 20	16 55.27	−19 51.3	1.801	2.797	5.2	20.2
6 30	16 47.48	−19 40.9	1.836	2.788	9.1	20.5
7 10	16 41.56	−19 34.8	1.895	2.779	12.6	20.7

58463 1996 NT_1 6 8.2 316°.07 5°.6/ 9.5 18

5 1	17 33.13	−35 45.0	1.472	2.298	18.1	18.8
5 11	17 30.22	−36 2.4	1.379	2.278	14.9	18.5
5 21	17 23.82	−36 6.5	1.304	2.259	11.2	18.2
5 31	17 14.57	−35 52.2	1.250	2.240	7.5	18.0
6 10	17 3.80	−35 16.8	1.219	2.222	5.7	17.8
6 20	16 53.11	−34 21.0	1.213	2.204	7.9	17.9
6 30	16 44.19	−33 10.5	1.230	2.187	12.0	18.1
7 10	16 38.26	−31 53.4	1.268	2.171	16.2	18.3

72278 2001 AZ_{51} 6 8.2 125°.72 4°.6/ 7.5 18

5 1	17 37.39	−10 55.1	1.893	2.702	15.3	19.4
5 11	17 31.72	−10 35.0	1.827	2.720	12.2	19.2
5 21	17 23.76	−10 21.4	1.782	2.737	8.7	19.0
5 31	17 14.18	−10 16.3	1.763	2.754	5.6	18.9
6 10	17 3.95	−10 20.9	1.770	2.769	4.7	18.9
6 20	16 54.07	−10 35.5	1.805	2.784	7.0	19.0
6 30	16 45.50	−10 59.8	1.866	2.798	10.2	19.2
7 10	16 38.95	−11 32.8	1.951	2.812	13.2	19.5

480745 2016 NN_{21} 6 8.2 326°.77 3°.7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.71	−11 18.1	1.441	2.278	17.8	19.8
5 11	17 29.41	−11 51.9	1.350	2.261	14.3	19.5
5 21	17 23.07	−12 39.4	1.278	2.245	10.2	19.2
5 31	17 14.22	−13 41.5	1.229	2.229	5.8	19.0
6 10	17 3.88	−14 56.9	1.205	2.214	3.8	18.8
6 20	16 53.39	−16 22.3	1.205	2.200	7.4	19.0
6 30	16 44.19	−17 53.8	1.231	2.187	12.1	19.2
7 10	16 37.49	−19 27.5	1.277	2.174	16.5	19.4

116348 2003 YF_{89} 6 8.2 126°.01 2°.4/ 7.7 18

5 1	17 32.82	−15 12.1	2.372	3.182	12.5	20.7
5 11	17 27.87	−15 9.3	2.296	3.194	9.8	20.6
5 21	17 21.06	−15 9.4	2.244	3.206	6.7	20.4
5 31	17 12.94	−15 13.2	2.217	3.217	3.7	20.2
6 10	17 4.23	−15 21.1	2.219	3.227	2.5	20.1
6 20	16 55.74	−15 33.3	2.249	3.238	5.0	20.3
6 30	16 48.21	−15 50.0	2.306	3.248	8.0	20.5
7 10	16 42.28	−16 11.1	2.388	3.257	10.8	20.7

512995 2017 UB_{38} 6 8.2 193°.43 1°.7/ 7.7 17

5 1	17 33.37	−19 28.0	2.149	2.967	13.4	21.5
5 11	17 28.63	−19 3.6	2.062	2.965	10.5	21.3
5 21	17 21.76	−18 38.2	1.997	2.964	7.1	21.1
5 31	17 13.32	−18 12.7	1.958	2.961	3.5	20.9
6 10	17 4.15	−17 48.4	1.947	2.959	1.9	20.7
6 20	16 55.17	−17 26.9	1.963	2.956	5.2	20.9
6 30	16 47.25	−17 10.1	2.007	2.952	8.8	21.2
7 10	16 41.13	−16 59.4	2.074	2.949	12.0	21.4

264893 2002 TR_{13} 6 8.2 267°.89 0°.8/ 8.0 18

5 1	17 34.85	−21 5.4	1.754	2.581	15.5	21.3
5 11	17 30.63	−21 2.1	1.653	2.561	12.3	21.1
5 21	17 23.62	−20 58.0	1.572	2.541	8.4	20.8
5 31	17 14.38	−20 52.7	1.516	2.520	3.9	20.5
6 10	17 3.88	−20 46.4	1.485	2.499	1.3	20.2
6 20	16 53.30	−20 40.0	1.481	2.478	5.9	20.5
6 30	16 43.93	−20 35.1	1.503	2.456	10.5	20.7
7 10	16 36.79	−20 33.9	1.547	2.434	14.7	20.9

4689 Donn 6 8.2 110°.20 1°.9/ 7.9 18 R

5 1	17 36.39	−18 17.4	1.497	2.331	17.4	16.8
5 11	17 31.83	−18 17.8	1.427	2.339	13.7	16.6
5 21	17 24.31	−18 20.5	1.376	2.346	9.3	16.4
5 31	17 14.59	−18 25.6	1.349	2.353	4.5	16.1
6 10	17 3.87	−18 33.2	1.347	2.361	2.1	16.0
6 20	16 53.46	−18 43.6	1.371	2.367	6.4	16.2
6 30	16 44.66	−18 57.5	1.420	2.374	11.0	16.5
7 10	16 38.40	−19 15.9	1.491	2.381	15.0	16.8

335146 2004 WM_{12} 6 8.2 239°.71 5°.8/ 6.7 17

5 1	17 32.72	− 6 18.3	2.366	3.161	13.0	21.7
5 11	17 27.98	− 5 42.8	2.266	3.145	10.7	21.5
5 21	17 21.29	− 5 14.0	2.189	3.128	8.3	21.4
5 31	17 13.13	− 4 55.0	2.137	3.110	6.3	21.2
6 10	17 4.20	− 4 48.2	2.111	3.092	5.9	21.1
6 20	16 55.27	− 4 54.9	2.114	3.073	7.6	21.2
6 30	16 47.16	− 5 15.2	2.142	3.053	10.1	21.3
7 10	16 40.57	− 5 48.2	2.194	3.033	12.8	21.5

144542 2004 EQ_{94} 6 8.2 299°.23 2°.1/ 8.3 18

5 1	17 33.96	−26 11.2	2.074	2.890	13.9	19.9
5 11	17 29.51	−26 54.6	1.984	2.885	11.0	19.7
5 21	17 22.62	−27 36.6	1.916	2.879	7.6	19.5
5 31	17 13.84	−28 14.6	1.873	2.874	4.0	19.2
6 10	17 4.05	−28 46.1	1.857	2.869	2.2	19.1
6 20	16 54.29	−29 10.0	1.869	2.864	5.2	19.3
6 30	16 45.63	−29 26.7	1.908	2.859	8.8	19.5
7 10	16 38.94	−29 38.3	1.970	2.854	12.2	19.7

315307 2007 TE_{216} 6 8.2 179°.53 0°.0/ 8.0 17 R

5 1	17 37.62	−23 45.7	1.902	2.718	14.9	22.2
5 11	17 32.30	−23 39.0	1.818	2.720	11.7	22.0
5 21	17 24.41	−23 28.9	1.755	2.721	7.9	21.8
5 31	17 14.60	−23 14.7	1.717	2.722	3.7	21.5
6 10	17 3.90	−22 56.7	1.707	2.721	0.8	21.3
6 20	16 53.42	−22 36.1	1.724	2.720	5.3	21.6
6 30	16 44.29	−22 15.5	1.768	2.719	9.4	21.8
7 10	16 37.34	−21 57.7	1.835	2.717	13.0	22.1

41607 2000 SJ_{113} 6 8.2 118°.45 0°.7/ 8.0 18

5 1	17 38.47	−21 29.3	1.725	2.546	16.0	19.2
5 11	17 32.96	−21 24.4	1.658	2.563	12.5	19.0
5 21	17 24.79	−21 18.3	1.612	2.580	8.4	18.8
5 31	17 14.72	−21 10.4	1.591	2.595	3.8	18.5
6 10	17 3.89	−21 1.2	1.596	2.611	1.2	18.4
6 20	16 53.47	−20 51.7	1.629	2.625	5.6	18.7
6 30	16 44.59	−20 43.8	1.688	2.639	9.7	19.0
7 10	16 38.05	−20 39.5	1.770	2.653	13.4	19.2

112387 2002 NM_{29} 6 8.2 301.°13 2.°0/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.49	−26 29.0	1.435	2.275	17.7	20.3
5 11	17 30.52	−26 45.5	1.331	2.246	14.2	20.0
5 21	17 24.15	−26 58.1	1.246	2.216	9.9	19.6
5 31	17 14.87	−27 4.2	1.183	2.187	5.1	19.3
6 10	17 3.77	−27 1.5	1.144	2.157	2.2	19.0
6 20	16 52.38	−26 49.8	1.129	2.128	6.9	19.2
6 30	16 42.40	−26 31.6	1.138	2.099	12.3	19.4
7 10	16 35.25	−26 11.4	1.167	2.070	17.2	19.6

181613 2006 WC_{106} 6 8.2 3.°03 0.°0/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.13	−21 53.3	1.150	2.015	19.6	19.4
5 11	17 27.13	−22 9.3	1.084	2.013	15.4	19.1
5 21	17 21.69	−22 25.5	1.035	2.013	10.4	18.9
5 31	17 13.56	−22 40.7	1.007	2.014	4.8	18.5
6 10	17 4.13	−22 54.1	1.001	2.016	1.1	18.3
6 20	16 54.98	−23 5.4	1.018	2.019	6.9	18.7
6 30	16 47.68	−23 16.0	1.057	2.024	12.2	19.0
7 10	16 43.37	−23 27.9	1.115	2.030	16.9	19.3

471642 2012 TB_{84} 6 8.2 162.°14 2.°2/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.53	−28 54.4	2.211	3.019	13.4	21.7
5 11	17 29.67	−29 11.0	2.126	3.022	10.6	21.5
5 21	17 22.53	−29 22.2	2.064	3.024	7.4	21.3
5 31	17 13.72	−29 26.4	2.027	3.026	4.0	21.1
6 10	17 4.11	−29 22.4	2.018	3.028	2.2	21.0
6 20	16 54.69	−29 10.8	2.036	3.030	4.9	21.2
6 30	16 46.43	−28 53.5	2.081	3.032	8.2	21.4
7 10	16 40.09	−28 33.6	2.151	3.033	11.4	21.6

352513 2008 CM_{89} 6 8.2 349.°01 5.°5/ 7.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 28.88	− 8 19.4	2.063	2.880	13.9	20.8
5 11	17 25.17	− 7 47.7	1.984	2.878	11.3	20.6
5 21	17 19.47	− 7 23.2	1.925	2.876	8.5	20.4
5 31	17 12.31	− 7 8.7	1.891	2.874	6.1	20.3
6 10	17 4.46	− 7 6.3	1.883	2.872	5.6	20.2
6 20	16 56.76	− 7 16.9	1.901	2.871	7.4	20.3
6 30	16 50.04	− 7 40.4	1.943	2.870	10.2	20.5
7 10	16 44.98	− 8 15.5	2.009	2.869	13.0	20.7

213797 2003 FN_{95} 6 8.2 8.°02 2.°5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.93	−17 59.8	2.103	2.928	13.4	19.8
5 11	17 25.97	−17 18.7	2.021	2.928	10.5	19.6
5 21	17 19.97	−16 36.9	1.962	2.929	7.2	19.4
5 31	17 12.52	−15 56.3	1.928	2.929	3.9	19.2
6 10	17 4.42	−15 19.1	1.921	2.930	2.8	19.1
6 20	16 56.54	−14 47.6	1.942	2.931	5.6	19.3
6 30	16 49.70	−14 23.8	1.988	2.932	9.0	19.5
7 10	16 44.58	−14 8.8	2.058	2.933	12.1	19.7

311953 2007 DQ_{13} 6 8.2 256.°91 1.°1/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.30	−19 42.5	2.597	3.408	11.5	21.7
5 11	17 26.84	−19 34.0	2.490	3.390	9.1	21.5
5 21	17 20.52	−19 25.1	2.406	3.371	6.1	21.3
5 31	17 12.80	−19 16.1	2.348	3.352	3.0	21.1
6 10	17 4.35	−19 7.6	2.319	3.332	1.3	20.9
6 20	16 55.89	−19 0.2	2.319	3.312	4.4	21.1
6 30	16 48.21	−18 55.2	2.346	3.292	7.7	21.3
7 10	16 41.98	−18 53.6	2.398	3.271	10.7	21.4

37586 1991 BP_{2} 6 8.2 72.°88 11.°7/13.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 53.08	−52 22.9	1.467	2.213	21.7	17.1
5 11	17 46.01	−52 47.1	1.413	2.236	18.9	17.0
5 21	17 34.11	−52 43.1	1.375	2.259	16.0	16.8
5 31	17 18.98	−52 2.0	1.355	2.282	13.4	16.7
6 10	17 3.06	−50 40.4	1.358	2.306	11.8	16.7
6 20	16 48.78	−48 43.0	1.384	2.328	12.0	16.8
6 30	16 37.95	−46 21.7	1.434	2.351	13.7	16.9
7 10	16 31.38	−43 51.2	1.506	2.373	16.1	17.1

427753 2004 SR_{36} 6 8.2 264.°62 3.°9/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.71	−32 59.4	1.860	2.671	15.4	21.6
5 11	17 31.29	−33 15.0	1.768	2.661	12.5	21.4
5 21	17 24.02	−33 21.4	1.696	2.651	9.1	21.2
5 31	17 14.55	−33 15.5	1.648	2.641	5.6	20.9
6 10	17 3.95	−32 55.5	1.625	2.631	3.9	20.8
6 20	16 53.50	−32 22.1	1.629	2.621	6.2	20.9
6 30	16 44.47	−31 38.9	1.659	2.610	9.9	21.1
7 10	16 37.84	−30 51.1	1.712	2.600	13.5	21.3

399798 2005 QS_{130} 6 8.2 248.°93 5.°1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.66	− 7 33.5	2.464	3.267	12.3	21.5
5 11	17 25.48	− 7 2.0	2.372	3.257	10.0	21.3
5 21	17 19.56	− 6 36.6	2.303	3.247	7.6	21.1
5 31	17 12.33	− 6 20.0	2.259	3.237	5.7	21.0
6 10	17 4.47	− 6 14.0	2.242	3.227	5.3	20.9
6 20	16 56.67	− 6 19.8	2.252	3.216	6.8	21.0
6 30	16 49.67	− 6 37.5	2.288	3.205	9.3	21.1
7 10	16 44.08	− 7 6.1	2.348	3.194	11.8	21.3

443753 2015 MW_{7} 6 8.2 196.°88 0.°7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.40	−26 30.7	2.548	3.357	11.8	21.7
5 11	17 26.86	−26 16.7	2.458	3.356	9.2	21.5
5 21	17 20.46	−25 58.0	2.391	3.355	6.3	21.3
5 31	17 12.73	−25 34.2	2.350	3.354	3.0	21.1
6 10	17 4.39	−25 5.8	2.338	3.352	0.9	20.9
6 20	16 56.24	−24 34.3	2.354	3.350	4.1	21.2
6 30	16 49.03	−24 1.8	2.397	3.348	7.3	21.4
7 10	16 43.39	−23 30.9	2.466	3.346	10.2	21.5

396989 2005 SB_{173} 6 8.2 229.°22 3.°0/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.87	−15 7.6	2.532	3.345	11.7	22.1
5 11	17 25.60	−14 31.4	2.440	3.339	9.3	21.9
5 21	17 19.59	−13 56.3	2.372	3.332	6.5	21.7
5 31	17 12.33	−13 24.0	2.329	3.326	3.9	21.5
6 10	17 4.48	−12 56.4	2.315	3.319	3.1	21.4
6 20	16 56.75	−12 35.0	2.329	3.312	5.3	21.6
6 30	16 49.85	−12 21.2	2.370	3.305	8.2	21.7
7 10	16 44.36	−12 15.7	2.435	3.297	10.9	21.9

59133 1998 XM_{41} 6 8.2 145.°10 3.°8/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 41.32	−30 3.4	1.640	2.454	17.0	19.4
5 11	17 35.87	−30 49.6	1.566	2.462	13.6	19.2
5 21	17 27.19	−31 30.1	1.512	2.470	9.7	19.0
5 31	17 16.02	−32 0.3	1.481	2.477	5.7	18.8
6 10	17 3.65	−32 16.8	1.477	2.484	3.9	18.7
6 20	16 51.55	−32 18.9	1.499	2.490	6.7	18.9
6 30	16 41.19	−32 9.1	1.546	2.495	10.6	19.1
7 10	16 33.62	−31 52.3	1.616	2.500	14.3	19.3

2538 Vanderlinden 6 8.2 175.°98 1.°5/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.16	−25 37.5	1.706	2.525	16.3	17.2
5 11	17 33.95	−25 58.3	1.624	2.527	12.8	17.0
5 21	17 25.78	−26 16.1	1.563	2.529	8.8	16.8
5 31	17 15.35	−26 28.2	1.527	2.530	4.3	16.5
6 10	17 3.80	−26 33.2	1.517	2.531	1.7	16.3
6 20	16 52.46	−26 31.0	1.534	2.530	5.8	16.6
6 30	16 42.64	−26 23.7	1.576	2.530	10.1	16.9
7 10	16 35.32	−26 14.7	1.642	2.529	14.0	17.1

507719 2013 UT_{16} 6 8.2 226.°66 1.°0/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.90	−22 20.0	1.949	2.771	14.4	21.7
5 11	17 29.36	−21 48.6	1.860	2.766	11.3	21.5
5 21	17 22.43	−21 13.3	1.792	2.760	7.6	21.2
5 31	17 13.72	−20 34.8	1.749	2.754	3.6	21.0
6 10	17 4.17	−19 54.8	1.734	2.748	1.4	20.8
6 20	16 54.82	−19 15.6	1.746	2.741	5.4	21.0
6 30	16 46.67	−18 40.4	1.784	2.734	9.4	21.3
7 10	16 40.52	−18 11.7	1.846	2.727	13.0	21.5

133201 2003 QH_{63} 6 8.2 163.°98 4.°4/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.09	−10 29.0	2.303	3.111	12.9	20.1
5 11	17 27.39	− 9 59.2	2.223	3.115	10.4	20.0
5 21	17 20.82	− 9 34.4	2.166	3.118	7.6	19.8
5 31	17 12.91	− 9 16.8	2.134	3.121	5.1	19.6
6 10	17 4.39	− 9 8.1	2.129	3.124	4.5	19.6
6 20	16 56.04	− 9 9.3	2.152	3.127	6.4	19.7
6 30	16 48.65	− 9 20.7	2.202	3.129	9.1	19.9
7 10	16 42.82	− 9 41.6	2.275	3.130	11.8	20.1

190449 2000 AO_{52} 6 8.2 192.°68 0.°7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.08	−22 37.9	2.518	3.325	12.0	20.2
5 11	17 28.88	−22 7.4	2.425	3.323	9.4	20.1
5 21	17 21.79	−21 33.3	2.356	3.321	6.3	19.9
5 31	17 13.35	−20 56.2	2.313	3.317	2.9	19.6
6 10	17 4.29	−20 17.6	2.300	3.314	1.1	19.5
6 20	16 55.41	−19 39.1	2.315	3.309	4.4	19.7
6 30	16 47.50	−19 3.3	2.359	3.305	7.7	19.9
7 10	16 41.18	−18 32.3	2.428	3.299	10.6	20.1

217558 2007 JB_{22} 6 8.2 111.°38 13.°1/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.66	+ 7 44.9	1.907	2.672	16.7	19.8
5 11	17 27.37	+10 2.1	1.852	2.677	15.1	19.7
5 21	17 20.95	+12 2.9	1.818	2.681	13.7	19.6
5 31	17 12.99	+13 39.2	1.806	2.686	13.1	19.6
6 10	17 4.37	+14 44.7	1.816	2.691	13.4	19.6
6 20	16 56.00	+15 16.9	1.847	2.695	14.4	19.7
6 30	16 48.76	+15 16.3	1.898	2.699	15.9	19.8
7 10	16 43.34	+14 47.0	1.966	2.704	17.5	19.9

387984 2005 ON_{29} 6 8.2 295.°45 1.°6/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.00	−26 45.5	2.104	2.923	13.6	21.2
5 11	17 27.97	−27 2.7	2.008	2.911	10.8	21.0
5 21	17 21.58	−27 16.3	1.934	2.899	7.4	20.8
5 31	17 13.40	−27 24.8	1.885	2.887	3.8	20.5
6 10	17 4.26	−27 27.1	1.862	2.875	1.7	20.4
6 20	16 55.17	−27 23.3	1.867	2.863	4.9	20.6
6 30	16 47.15	−27 14.9	1.898	2.852	8.7	20.8
7 10	16 41.03	−27 4.4	1.953	2.840	12.1	20.9

362460 2010 RV_{143} 6 8.2 284°.09 2°.8/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 29.35	−16 30.0	2.331	3.151	12.4	21.0
5 11	17 25.39	−15 53.5	2.240	3.143	9.8	20.8
5 21	17 19.56	−15 17.4	2.171	3.135	6.8	20.6
5 31	17 12.36	−14 43.2	2.128	3.127	3.8	20.4
6 10	17 4.51	−14 13.0	2.112	3.119	2.9	20.3
6 20	16 56.78	−13 48.7	2.124	3.111	5.4	20.4
6 30	16 49.95	−13 31.7	2.163	3.103	8.6	20.6
7 10	16 44.65	−13 23.1	2.225	3.095	11.5	20.8

140296 2001 SR_{305} 6 8.2 322°.22 5°.7/ 9.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.90	−37 16.7	2.118	2.910	14.4	20.5
5 11	17 31.27	−38 8.2	2.034	2.909	11.9	20.3
5 21	17 23.93	−38 50.6	1.971	2.908	9.2	20.1
5 31	17 14.50	−39 19.6	1.931	2.906	6.7	20.0
6 10	17 4.02	−39 31.8	1.918	2.905	5.7	19.9
6 20	16 53.66	−39 26.7	1.931	2.904	7.1	20.0
6 30	16 44.63	−39 6.5	1.969	2.903	9.6	20.1
7 10	16 37.86	−38 35.8	2.031	2.902	12.4	20.3

276017 2001 YX_{130} 6 8.2 211°.29 0°.4/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.01	−23 52.6	2.384	3.189	12.6	21.8
5 11	17 30.69	−24 2.1	2.285	3.181	9.9	21.6
5 21	17 23.21	−24 9.6	2.209	3.173	6.7	21.3
5 31	17 14.09	−24 14.1	2.160	3.164	3.2	21.1
6 10	17 4.12	−24 14.9	2.139	3.154	0.8	20.9
6 20	16 54.21	−24 12.3	2.147	3.143	4.5	21.1
6 30	16 45.28	−24 7.6	2.183	3.132	8.0	21.3
7 10	16 38.08	−24 2.7	2.244	3.119	11.2	21.5

180874 2005 JW_{81} 6 8.2 343°.00 5°.4/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.39	−13 49.8	1.340	2.189	18.2	20.2
5 11	17 27.49	−13 1.0	1.266	2.184	14.6	19.9
5 21	17 21.63	−12 15.5	1.211	2.179	10.4	19.7
5 31	17 13.50	−11 37.5	1.178	2.175	6.6	19.4
6 10	17 4.26	−11 10.9	1.168	2.171	5.6	19.4
6 20	16 55.25	−10 58.7	1.182	2.168	8.7	19.5
6 30	16 47.78	−11 2.2	1.218	2.166	13.0	19.8
7 10	16 42.82	−11 20.9	1.274	2.164	17.0	20.0

380808 2005 YN_{29} 6 8.2 245°.56 0°.0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.56	−22 36.9	2.006	2.825	14.2	21.5
5 11	17 30.00	−22 39.6	1.908	2.812	11.2	21.2
5 21	17 22.98	−22 40.7	1.833	2.800	7.6	21.0
5 31	17 14.06	−22 39.5	1.782	2.787	3.5	20.7
6 10	17 4.13	−22 35.8	1.758	2.773	0.8	20.5
6 20	16 54.24	−22 30.2	1.762	2.759	5.1	20.8
6 30	16 45.46	−22 24.1	1.793	2.745	9.2	21.0
7 10	16 38.66	−22 19.7	1.847	2.731	12.8	21.2

434662 2005 YO_{118} 6 8.2 166°.42 1°.1/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.78	−26 17.6	2.227	3.035	13.3	22.8
5 11	17 30.54	−26 20.5	2.143	3.040	10.4	22.6
5 21	17 23.08	−26 19.1	2.081	3.044	7.1	22.4
5 31	17 14.00	−26 12.4	2.044	3.047	3.5	22.2
6 10	17 4.17	−26 0.0	2.036	3.050	1.2	22.0
6 20	16 54.56	−25 42.9	2.056	3.052	4.6	22.3
6 30	16 46.10	−25 23.0	2.103	3.054	8.2	22.5
7 10	16 39.52	−25 3.2	2.175	3.055	11.3	22.7

294407 2007 VG_{195} 6 8.2 229°.22 0°.2/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.76	−24 27.7	2.097	2.916	13.6	21.7
5 11	17 28.36	−24 19.0	2.009	2.913	10.7	21.5
5 21	17 21.71	−24 6.5	1.943	2.910	7.2	21.3
5 31	17 13.40	−23 50.0	1.902	2.906	3.4	21.0
6 10	17 4.30	−23 29.7	1.888	2.903	0.8	20.8
6 20	16 55.37	−23 7.1	1.902	2.899	4.8	21.1
6 30	16 47.57	−22 44.3	1.942	2.895	8.6	21.3
7 10	16 41.64	−22 23.9	2.007	2.892	11.9	21.5

171194 2005 JJ_{27} 6 8.2 63°.65 1°.9/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.96	−25 28.2	2.021	2.837	14.2	20.0
5 11	17 30.27	−26 13.1	1.939	2.840	11.2	19.8
5 21	17 23.13	−26 56.9	1.879	2.843	7.6	19.6
5 31	17 14.11	−27 36.7	1.844	2.846	3.9	19.4
6 10	17 4.13	−28 10.3	1.837	2.849	2.0	19.2
6 20	16 54.27	−28 36.4	1.857	2.852	5.1	19.4
6 30	16 45.59	−28 55.6	1.903	2.855	8.8	19.7
7 10	16 38.94	−29 9.8	1.974	2.858	12.1	19.9

259024 2002 TF_{194} 6 8.2 225°.78 0°.6/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.48	−24 44.5	1.979	2.794	14.5	21.6
5 11	17 31.53	−24 48.4	1.883	2.784	11.4	21.4
5 21	17 24.03	−24 49.0	1.809	2.774	7.8	21.2
5 31	17 14.55	−24 45.1	1.759	2.763	3.7	20.9
6 10	17 4.03	−24 36.3	1.737	2.752	1.0	20.7
6 20	16 53.59	−24 23.1	1.743	2.740	5.2	20.9
6 30	16 44.34	−24 7.7	1.775	2.728	9.3	21.1
7 10	16 37.18	−23 52.8	1.831	2.714	13.0	21.3

523623 2008 CB_{22} 6 8.2 154°.08 1°.2/ 8.5 18 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 40.70	−27 2.9	3.030	3.809	10.8	25.7
5 11	17 33.63	−27 13.6	2.944	3.825	8.5	25.5
5 21	17 24.78	−27 20.4	2.884	3.839	5.8	25.4
5 31	17 14.68	−27 21.8	2.852	3.852	2.9	25.2
6 10	17 4.04	−27 17.4	2.851	3.863	1.3	25.1
6 20	16 53.61	−27 7.6	2.881	3.874	3.7	25.3
6 30	16 44.15	−26 53.9	2.941	3.883	6.5	25.5
7 10	16 36.21	−26 38.4	3.029	3.890	9.0	25.7

446872 2001 YU_{102} 6 8.2 96°.25 3°.5/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 46.71	−36 27.5	1.574	2.371	18.4	20.3
5 11	17 39.57	−35 39.0	1.510	2.394	14.7	20.1
5 21	17 29.17	−34 32.3	1.465	2.417	10.5	19.9
5 31	17 16.67	−33 5.6	1.445	2.439	6.1	19.7
6 10	17 3.64	−31 21.7	1.453	2.461	3.6	19.6
6 20	16 51.63	−29 27.3	1.488	2.482	6.2	19.8
6 30	16 41.92	−27 31.7	1.550	2.503	10.3	20.1
7 10	16 35.22	−25 43.6	1.637	2.523	14.1	20.4

266268 2007 AE_{11} 6 8.2 239°.37 7°.6/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.06	− 3 14.0	1.888	2.688	15.6	20.5
5 11	17 29.49	− 2 44.9	1.801	2.678	13.1	20.3
5 21	17 22.57	− 2 27.7	1.734	2.669	10.4	20.1
5 31	17 13.85	− 2 26.2	1.691	2.658	8.2	19.9
6 10	17 4.19	− 2 43.1	1.672	2.648	7.7	19.9
6 20	16 54.60	− 3 19.0	1.680	2.637	9.3	20.0
6 30	16 46.08	− 4 12.4	1.712	2.625	12.1	20.1
7 10	16 39.45	− 5 20.4	1.766	2.614	15.0	20.3

477996 2011 SA_{134} 6 8.2 304°.45 1°.2/ 7.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.73	−19 52.6	2.059	2.884	13.6	21.4
5 11	17 26.83	−19 46.4	1.969	2.876	10.7	21.1
5 21	17 20.73	−19 40.1	1.900	2.869	7.2	20.9
5 31	17 12.98	−19 34.0	1.857	2.861	3.5	20.7
6 10	17 4.40	−19 28.7	1.841	2.854	1.5	20.5
6 20	16 55.93	−19 25.0	1.851	2.847	5.1	20.7
6 30	16 48.50	−19 24.1	1.888	2.840	8.8	20.9
7 10	16 42.86	−19 27.2	1.948	2.833	12.2	21.1

267466 2002 EF_{130} 6 8.2 102°.20 5°.1/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.31	−11 1.1	2.030	2.841	14.3	20.5
5 11	17 29.14	−10 3.8	1.970	2.863	11.4	20.4
5 21	17 21.95	− 9 11.1	1.932	2.884	8.3	20.2
5 31	17 13.40	− 8 26.3	1.919	2.905	5.8	20.1
6 10	17 4.36	− 7 52.4	1.933	2.925	5.3	20.1
6 20	16 55.69	− 7 31.2	1.975	2.944	7.2	20.3
6 30	16 48.23	− 7 23.5	2.042	2.964	10.0	20.5
7 10	16 42.57	− 7 28.5	2.132	2.982	12.7	20.7

217522 2006 UN_{328} 6 8.2 125°.68 1°.4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.23	−19 20.5	1.854	2.675	15.1	21.2
5 11	17 31.13	−19 16.6	1.782	2.687	11.8	21.0
5 21	17 23.58	−19 13.2	1.731	2.698	7.9	20.8
5 31	17 14.26	−19 10.5	1.705	2.709	3.8	20.6
6 10	17 4.17	−19 8.6	1.706	2.720	1.7	20.4
6 20	16 54.38	−19 8.5	1.735	2.730	5.4	20.7
6 30	16 45.93	−19 11.1	1.789	2.739	9.4	21.0
7 10	16 39.59	−19 17.7	1.867	2.749	12.9	21.2

235872 2005 BZ_{10} 6 8.2 251°.25 4°.3/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.51	−11 0.4	2.134	2.946	13.7	20.6
5 11	17 28.09	−10 44.3	2.039	2.933	11.0	20.4
5 21	17 21.55	−10 33.8	1.965	2.920	8.0	20.2
5 31	17 13.38	−10 31.0	1.916	2.907	5.2	20.0
6 10	17 4.35	−10 37.1	1.894	2.893	4.4	19.9
6 20	16 55.34	−10 53.0	1.899	2.879	6.6	20.0
6 30	16 47.27	−11 18.6	1.930	2.865	9.8	20.2
7 10	16 40.89	−11 53.1	1.985	2.850	12.9	20.3

436950 2012 TW_{148} 6 8.2 262°.26 2°.5/ 8.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.51	−29 29.4	2.033	2.846	14.2	21.7
5 11	17 30.08	−29 45.6	1.936	2.834	11.4	21.5
5 21	17 23.11	−29 56.1	1.861	2.821	8.0	21.3
5 31	17 14.16	−29 58.5	1.810	2.809	4.4	21.0
6 10	17 4.17	−29 51.4	1.786	2.796	2.6	20.9
6 20	16 54.25	−29 35.2	1.789	2.784	5.4	21.0
6 30	16 45.51	−29 12.1	1.819	2.771	9.1	21.2
7 10	16 38.86	−28 45.8	1.872	2.758	12.6	21.4

399123 2014 DU_{132} 6 8.2 318°.10 5°.5/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.48	−36 50.2	1.985	2.785	15.0	20.8
5 11	17 30.32	−37 26.9	1.896	2.778	12.3	20.6
5 21	17 23.39	−37 53.7	1.829	2.771	9.4	20.4
5 31	17 14.31	−38 6.3	1.785	2.765	6.7	20.3
6 10	17 4.14	−38 2.1	1.766	2.758	5.5	20.2
6 20	16 54.12	−37 41.0	1.773	2.752	7.0	20.3
6 30	16 45.48	−37 5.8	1.805	2.747	9.9	20.4
7 10	16 39.18	−36 21.7	1.860	2.741	12.9	20.6

340074 2005 VA_{118} 6 8.2 48°.52 6°.2/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.59	−39 18.9	1.654	2.455	17.4	19.9
5 11	17 33.00	−39 31.0	1.585	2.466	14.4	19.7
5 21	17 25.18	−39 27.0	1.536	2.477	11.0	19.5
5 31	17 15.05	−39 3.0	1.509	2.488	7.8	19.3
6 10	17 4.02	−38 17.4	1.507	2.500	6.2	19.3
6 20	16 53.58	−37 13.1	1.529	2.512	7.6	19.4
6 30	16 45.08	−35 56.0	1.577	2.524	10.6	19.6
7 10	16 39.39	−34 34.2	1.647	2.537	13.8	19.8

509837 2008 YJ_{17} 6 8.2 218°.66 2°.2/ 7.7 18

5 1	17 33.11	−15 50.5	2.520	3.327	12.0	22.7
5 11	17 28.22	−15 44.7	2.422	3.318	9.4	22.5
5 21	17 21.45	−15 41.2	2.347	3.308	6.5	22.3
5 31	17 13.28	−15 40.6	2.299	3.298	3.5	22.1
6 10	17 4.39	−15 43.5	2.279	3.288	2.3	22.0
6 20	16 55.54	−15 50.4	2.287	3.276	4.9	22.2
6 30	16 47.53	−16 1.7	2.324	3.265	8.0	22.4
7 10	16 41.00	−16 17.7	2.385	3.252	10.9	22.5

501606 2014 QC_{369} 6 8.2 286°.25 4°.7/ 7.4 17

5 1	17 34.21	−14 20.1	1.379	2.220	18.2	22.0
5 11	17 30.91	−13 51.8	1.279	2.193	14.7	21.7
5 21	17 24.34	−13 27.1	1.198	2.166	10.6	21.3
5 31	17 14.99	−13 8.8	1.139	2.139	6.3	21.0
6 10	17 3.95	−12 59.9	1.104	2.111	4.9	20.9
6 20	16 52.63	−13 2.7	1.092	2.083	8.7	21.0
6 30	16 42.63	−13 18.6	1.104	2.054	13.8	21.2
7 10	16 35.27	−13 47.8	1.135	2.026	18.6	21.4

425858 2011 EU_{75} 6 8.2 90°.63 2°.6/ 7.8 15

5 1	17 35.08	−16 39.3	1.780	2.605	15.5	22.2
5 11	17 30.20	−16 26.4	1.716	2.622	12.1	22.0
5 21	17 22.92	−16 15.9	1.673	2.639	8.2	21.8
5 31	17 13.94	−16 8.9	1.654	2.656	4.3	21.6
6 10	17 4.27	−16 6.2	1.662	2.672	2.7	21.5
6 20	16 54.98	−16 8.6	1.697	2.689	5.9	21.8
6 30	16 47.05	−16 16.7	1.758	2.705	9.7	22.0
7 10	16 41.23	−16 31.0	1.841	2.721	13.1	22.3

384493 2010 CC_{76} 6 8.2 108°.90 4°.0/ 7.3 17

5 1	17 32.89	−12 28.7	2.124	2.938	13.7	21.3
5 11	17 28.08	−11 55.2	2.056	2.953	10.8	21.1
5 21	17 21.31	−11 25.7	2.010	2.967	7.7	20.9
5 31	17 13.16	−11 2.5	1.990	2.982	4.9	20.8
6 10	17 4.45	−10 47.4	1.996	2.996	4.2	20.8
6 20	16 56.03	−10 41.6	2.030	3.010	6.3	20.9
6 30	16 48.71	−10 45.5	2.091	3.023	9.2	21.1
7 10	16 43.11	−10 58.8	2.174	3.036	12.1	21.3

439634 2014 FS_{62} 6 8.2 12°.07 7°.1/ 5.4 18

5 1	17 28.46	− 9 3.2	1.807	2.635	15.2	19.8
5 11	17 25.04	− 7 28.7	1.738	2.637	12.4	19.6
5 21	17 19.47	− 5 58.6	1.691	2.640	9.5	19.5
5 31	17 12.38	− 4 38.6	1.668	2.644	7.5	19.4
6 10	17 4.63	− 3 34.0	1.670	2.649	7.4	19.4
6 20	16 57.15	− 2 48.4	1.697	2.654	9.3	19.5
6 30	16 50.82	− 2 23.5	1.748	2.659	12.0	19.7
7 10	16 46.32	− 2 18.5	1.820	2.665	14.7	19.9

351555 2005 TK_{134} 6 8.2 239°.90 6°.2/ 9.9 18

5 1	17 36.58	−42 22.5	2.564	3.327	12.9	21.1
5 11	17 31.48	−42 58.8	2.470	3.319	11.0	21.0
5 21	17 23.92	−43 23.9	2.397	3.312	8.8	20.8
5 31	17 14.50	−43 33.7	2.349	3.304	7.0	20.7
6 10	17 4.15	−43 25.8	2.326	3.296	6.2	20.6
6 20	16 53.95	−43 0.2	2.330	3.288	7.0	20.6
6 30	16 44.95	−42 19.1	2.360	3.280	8.9	20.7
7 10	16 38.00	−41 27.5	2.414	3.271	11.2	20.9

314450 2005 VG_{103} 6 8.2 230°.85 0°.8/ 8.3 18

5 1	17 32.52	−24 40.3	2.913	3.714	10.7	22.1
5 11	17 27.66	−24 59.5	2.809	3.702	8.4	22.0
5 21	17 21.04	−25 17.2	2.728	3.690	5.7	21.8
5 31	17 13.10	−25 32.1	2.675	3.678	2.7	21.6
6 10	17 4.47	−25 43.7	2.651	3.665	0.9	21.4
6 20	16 55.84	−25 51.8	2.656	3.651	3.8	21.6
6 30	16 47.94	−25 56.9	2.690	3.638	6.7	21.8
7 10	16 41.39	−26 0.4	2.749	3.624	9.4	21.9

166022 2002 AT_{163} 6 8.2 115°.64 0°.4/ 8.1 17

5 1	17 36.17	−22 43.1	1.480	2.316	17.5	20.5
5 11	17 31.83	−22 34.0	1.407	2.320	13.7	20.3
5 21	17 24.46	−22 22.1	1.353	2.324	9.3	20.0
5 31	17 14.80	−22 7.0	1.323	2.329	4.3	19.7
6 10	17 4.10	−21 49.3	1.318	2.333	1.1	19.5
6 20	16 53.73	−21 30.7	1.338	2.337	6.2	19.9
6 30	16 45.03	−21 14.0	1.383	2.341	10.9	20.1
7 10	16 38.94	−21 1.9	1.450	2.344	15.1	20.4

508177 2015 FA_{286} 6 8.2 165°.39 0°.9/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.02	−17 48.2	2.083	2.896	13.9	21.7
5 11	17 30.91	−18 23.2	1.998	2.898	10.9	21.5
5 21	17 23.48	−19 2.1	1.934	2.900	7.4	21.3
5 31	17 14.29	−19 43.9	1.897	2.901	3.5	21.0
6 10	17 4.21	−20 26.9	1.888	2.902	1.2	20.9
6 20	16 54.20	−21 9.7	1.908	2.903	4.9	21.1
6 30	16 45.28	−21 51.6	1.955	2.904	8.7	21.4
7 10	16 38.24	−22 32.5	2.026	2.905	12.1	21.6

238680 2005 EA_{209} 6 8.2 342°.99 1°.1/ 8.4 18

5 1	17 31.36	−26 1.1	1.705	2.538	15.7	20.2
5 11	17 27.89	−26 1.5	1.622	2.533	12.3	20.0
5 21	17 21.74	−25 57.0	1.559	2.528	8.4	19.8
5 31	17 13.56	−25 46.6	1.519	2.524	4.1	19.5
6 10	17 4.39	−25 30.2	1.506	2.520	1.3	19.3
6 20	16 55.40	−25 9.0	1.518	2.517	5.5	19.6
6 30	16 47.78	−24 45.8	1.555	2.514	9.8	19.8
7 10	16 42.41	−24 23.7	1.614	2.511	13.6	20.0

26653 Amymeyer 6 8.2 202°.54 2°.0/ 7.9 18

5 1	17 36.89	−17 47.1	1.893	2.710	15.0	19.1
5 11	17 31.81	−17 41.7	1.804	2.707	11.8	18.9
5 21	17 24.20	−17 38.0	1.737	2.702	8.1	18.6
5 31	17 14.66	−17 36.3	1.694	2.697	4.1	18.4
6 10	17 4.15	−17 37.2	1.679	2.691	2.2	18.2
6 20	16 53.75	−17 41.1	1.691	2.684	5.8	18.4
6 30	16 44.55	−17 49.0	1.730	2.677	9.8	18.7
7 10	16 37.44	−18 1.8	1.792	2.669	13.5	18.9

206900 2004 HT_{36} 6 8.2 81°.15 9°.2/ 6.6 18

5 1	17 52.13	−28 26.6	1.030	1.864	23.6	19.9
5 11	17 47.01	−31 40.0	0.969	1.874	19.2	19.7
5 21	17 36.52	−35 1.2	0.927	1.884	14.3	19.4
5 31	17 21.12	−38 12.1	0.908	1.894	10.2	19.2
6 10	17 2.63	−40 52.1	0.913	1.905	9.5	19.2
6 20	16 43.88	−42 48.1	0.942	1.915	12.6	19.4
6 30	16 27.97	−43 59.7	0.994	1.925	17.0	19.7
7 10	16 17.06	−44 37.3	1.063	1.935	21.0	20.0

302403 2002 CD_{123} 6 8.2 117°.74 4°.6/ 7.4 16

5 1	17 37.09	−12 55.4	1.642	2.464	16.7	21.5
5 11	17 31.92	−12 23.0	1.578	2.480	13.2	21.3
5 21	17 24.16	−11 55.7	1.534	2.494	9.4	21.1
5 31	17 14.56	−11 35.9	1.514	2.509	5.8	21.0
6 10	17 4.20	−11 25.8	1.520	2.523	4.7	20.9
6 20	16 54.24	−11 26.4	1.552	2.536	7.4	21.1
6 30	16 45.77	−11 38.3	1.610	2.548	11.1	21.4
7 10	16 39.56	−12 0.5	1.689	2.561	14.5	21.6

126143 2001 YZ_{129} 6 8.2 201°.39 2°.1/ 8.6 18

5 1	17 36.22	−28 27.6	2.055	2.865	14.2	20.5
5 11	17 31.27	−28 42.3	1.965	2.862	11.3	20.2
5 21	17 23.82	−28 51.9	1.898	2.859	7.8	20.0
5 31	17 14.48	−28 54.0	1.855	2.855	4.2	19.8
6 10	17 4.20	−28 47.8	1.840	2.851	2.2	19.7
6 20	16 54.07	−28 33.5	1.852	2.847	5.2	19.8
6 30	16 45.17	−28 13.4	1.891	2.842	8.9	20.1
7 10	16 38.36	−27 51.0	1.954	2.837	12.3	20.3

415783 2000 WM_{27} 6 8.2 239°.61 0°.8/ 8.3 17

5 1	17 37.65	−24 22.7	1.792	2.611	15.6	22.6
5 11	17 32.85	−24 34.0	1.694	2.598	12.3	22.4
5 21	17 25.18	−24 43.0	1.617	2.584	8.4	22.1
5 31	17 15.23	−24 47.8	1.565	2.569	4.0	21.8
6 10	17 4.02	−24 47.4	1.539	2.553	1.1	21.5
6 20	16 52.78	−24 42.0	1.540	2.537	5.7	21.8
6 30	16 42.84	−24 33.4	1.567	2.521	10.2	22.0
7 10	16 35.22	−24 24.6	1.617	2.503	14.2	22.2

253619 2003 UZ_{66} 6 8.2 280°.40 2°.0/ 7.7 18

5 1	17 33.73	−20 25.6	1.520	2.359	17.0	20.8
5 11	17 30.08	−19 55.3	1.429	2.343	13.4	20.5
5 21	17 23.45	−19 22.2	1.357	2.328	9.2	20.2
5 31	17 14.45	−18 47.4	1.308	2.313	4.5	19.9
6 10	17 4.19	−18 12.9	1.284	2.297	2.3	19.7
6 20	16 53.99	−17 41.6	1.286	2.282	6.8	19.9
6 30	16 45.20	−17 16.8	1.311	2.266	11.6	20.2
7 10	16 38.89	−17 1.1	1.358	2.250	16.0	20.4

421016 2013 PR_{57} 6 8.2 59°.58 0°.5/ 8.1 17

5 1	17 34.88	−24 12.4	1.467	2.305	17.5	20.4
5 11	17 30.79	−23 40.4	1.396	2.311	13.7	20.1
5 21	17 23.71	−23 2.4	1.345	2.317	9.2	19.9
5 31	17 14.45	−22 19.1	1.317	2.323	4.2	19.6
6 10	17 4.25	−21 32.5	1.315	2.329	1.1	19.4
6 20	16 54.48	−20 46.1	1.338	2.336	6.2	19.8
6 30	16 46.40	−20 4.1	1.385	2.343	10.9	20.0
7 10	16 40.91	−19 30.1	1.454	2.349	15.0	20.3

488293 2016 UY_{27} 6 8.2 272°.97 3°.0/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 30.26	−16 12.4	2.313	3.131	12.6	21.2
5 11	17 26.20	−15 32.4	2.214	3.116	9.9	21.0
5 21	17 20.21	−14 52.5	2.138	3.101	6.9	20.8
5 31	17 12.77	−14 14.3	2.088	3.086	4.0	20.6
6 10	17 4.61	−13 40.3	2.065	3.071	3.2	20.5
6 20	16 56.51	−13 12.3	2.070	3.055	5.7	20.7
6 30	16 49.30	−12 52.3	2.101	3.040	8.9	20.8
7 10	16 43.64	−12 41.3	2.156	3.024	11.9	21.0

509293 2006 VJ_{68} 6 8.2 273°.07 0°.7/ 7.9 18

5 1	17 31.23	−22 40.0	2.244	3.063	12.9	21.6
5 11	17 27.06	−22 12.8	2.149	3.053	10.1	21.4
5 21	17 20.82	−21 42.0	2.075	3.043	6.8	21.2
5 31	17 13.06	−21 8.2	2.028	3.033	3.2	21.0
6 10	17 4.55	−20 32.7	2.008	3.022	1.1	20.8
6 20	16 56.18	−19 57.5	2.016	3.012	4.7	21.0
6 30	16 48.80	−19 25.0	2.051	3.002	8.3	21.2
7 10	16 43.11	−18 57.5	2.110	2.991	11.6	21.4

440967 2007 BV_{78} 6 8.2 263°.82 5°.6/10.0 18

5 1	17 36.42	−40 59.8	2.530	3.298	13.0	21.6
5 11	17 31.35	−41 19.4	2.425	3.282	10.9	21.4
5 21	17 23.85	−41 27.5	2.342	3.266	8.6	21.2
5 31	17 14.50	−41 20.4	2.284	3.249	6.5	21.0
6 10	17 4.23	−40 56.2	2.251	3.232	5.6	21.0
6 20	16 54.09	−40 15.1	2.246	3.215	6.5	21.0
6 30	16 45.12	−39 20.1	2.268	3.198	8.8	21.1
7 10	16 38.17	−38 16.0	2.314	3.180	11.3	21.2

19858 2000 UT_{18} 6 8.2 145°.02 2°.9/ 9.0 18

5 1	17 34.03	−33 0.7	2.969	3.754	10.8	19.2
5 11	17 28.76	−33 20.8	2.886	3.764	8.7	19.1
5 21	17 21.71	−33 34.7	2.826	3.773	6.3	18.9
5 31	17 13.39	−33 40.5	2.793	3.782	3.9	18.8
6 10	17 4.50	−33 37.3	2.788	3.790	2.9	18.7
6 20	16 55.79	−33 25.5	2.812	3.798	4.3	18.8
6 30	16 47.99	−33 6.7	2.865	3.806	6.7	19.0
7 10	16 41.69	−32 43.5	2.943	3.813	9.0	19.2

345919 2007 RX_{180} 6 8.2 285°.89 1°.3/ 8.5 16

5 1	17 33.08	−26 6.2	1.923	2.745	14.6	22.3
5 11	17 29.09	−26 14.7	1.825	2.730	11.5	22.1
5 21	17 22.54	−26 19.3	1.749	2.715	7.9	21.8
5 31	17 13.98	−26 18.6	1.697	2.700	3.9	21.6
6 10	17 4.35	−26 11.8	1.671	2.685	1.4	21.4
6 20	16 54.75	−25 59.3	1.672	2.670	5.3	21.6
6 30	16 46.30	−25 43.2	1.699	2.654	9.4	21.8
7 10	16 39.95	−25 26.6	1.749	2.639	13.1	22.0

158317 2001 VP_{37} 6 8.2 205°.88 0°.1/ 8.2 18

5 1	17 36.07	−22 9.4	2.392	3.198	12.6	21.1
5 11	17 30.73	−22 17.0	2.295	3.192	9.9	20.9
5 21	17 23.26	−22 23.6	2.221	3.185	6.7	20.7
5 31	17 14.20	−22 28.5	2.173	3.177	3.1	20.4
6 10	17 4.32	−22 31.3	2.154	3.169	0.7	20.2
6 20	16 54.50	−22 32.3	2.164	3.160	4.4	20.5
6 30	16 45.64	−22 32.4	2.202	3.150	8.0	20.7
7 10	16 38.47	−22 33.2	2.265	3.139	11.2	20.9

115278 2003 SN_{186} 6 8.2 264°.50 1°.1/ 7.9 18

5 1	17 32.70	−20 40.9	1.936	2.761	14.4	20.4
5 11	17 28.55	−20 31.2	1.846	2.754	11.3	20.1
5 21	17 22.02	−20 20.7	1.777	2.746	7.6	19.9
5 31	17 13.68	−20 9.3	1.733	2.738	3.6	19.6
6 10	17 4.44	−19 57.9	1.716	2.730	1.4	19.4
6 20	16 55.30	−19 47.5	1.726	2.722	5.3	19.7
6 30	16 47.30	−19 39.8	1.761	2.714	9.3	19.9
7 10	16 41.26	−19 36.4	1.820	2.706	12.9	20.1

282277 2002 OR_{15} 6 8.2 312°.84 4°.6/ 6.9 17

5 1	17 29.74	−14 28.7	1.735	2.570	15.4	20.2
5 11	17 26.44	−13 36.1	1.646	2.556	12.3	20.0
5 21	17 20.71	−12 44.4	1.577	2.542	8.8	19.7
5 31	17 13.11	−11 57.0	1.532	2.528	5.5	19.5
6 10	17 4.56	−11 17.5	1.512	2.515	4.8	19.4
6 20	16 56.11	−10 49.0	1.518	2.502	7.5	19.5
6 30	16 48.81	−10 33.7	1.549	2.489	11.3	19.7
7 10	16 43.52	−10 32.3	1.600	2.477	14.9	19.9

322431 2011 SP_{208} 6 8.2 270°.31 0°.3/ 8.1 18

5 1	17 31.93	−23 18.4	2.180	2.999	13.2	21.2
5 11	17 27.74	−23 3.7	2.081	2.986	10.4	21.0
5 21	17 21.37	−22 45.6	2.005	2.973	7.0	20.8
5 31	17 13.36	−22 24.3	1.955	2.960	3.2	20.5
6 10	17 4.51	−22 0.3	1.932	2.946	0.8	20.3
6 20	16 55.75	−21 35.2	1.936	2.933	4.7	20.6
6 30	16 48.00	−21 11.1	1.967	2.920	8.5	20.8
7 10	16 42.02	−20 50.4	2.023	2.906	11.9	21.0

377461 2004 XZ_{10} 6 8.2 186°.65 0°.9/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.49	−18 47.8	2.568	3.371	11.9	21.3
5 11	17 30.05	−19 4.0	2.475	3.370	9.3	21.1
5 21	17 22.69	−19 21.7	2.406	3.369	6.3	20.9
5 31	17 13.91	−19 40.4	2.364	3.368	3.0	20.7
6 10	17 4.41	−19 59.6	2.352	3.365	1.1	20.6
6 20	16 54.98	−20 19.1	2.368	3.363	4.3	20.8
6 30	16 46.43	−20 38.9	2.413	3.359	7.5	21.0
7 10	16 39.41	−20 59.6	2.484	3.355	10.4	21.2

281257 2007 PE_{20} 6 8.2 350°.82 7°.5/ 7.1 17

5 1	17 27.21	− 7 57.6	1.375	2.221	18.0	19.8
5 11	17 24.95	− 7 13.5	1.302	2.213	14.8	19.5
5 21	17 19.93	− 6 39.4	1.248	2.206	11.3	19.3
5 31	17 12.81	− 6 20.4	1.215	2.201	8.4	19.1
6 10	17 4.65	− 6 20.3	1.205	2.196	7.7	19.1
6 20	16 56.65	− 6 40.5	1.217	2.193	9.9	19.2
6 30	16 50.04	− 7 20.3	1.251	2.191	13.4	19.4
7 10	16 45.74	− 8 16.5	1.305	2.190	17.0	19.6

183772 2004 BC_{14} 6 8.2 170°.23 0°.8/ 8.4 17

5 1	17 37.62	−25 6.8	1.962	2.776	14.6	21.7
5 11	17 32.33	−25 13.8	1.879	2.779	11.5	21.5
5 21	17 24.52	−25 17.3	1.818	2.783	7.8	21.3
5 31	17 14.82	−25 16.0	1.782	2.785	3.7	21.0
6 10	17 4.23	−25 9.4	1.773	2.787	1.1	20.8
6 20	16 53.85	−24 58.0	1.791	2.788	5.1	21.1
6 30	16 44.78	−24 44.0	1.837	2.789	9.0	21.4
7 10	16 37.85	−24 30.3	1.907	2.789	12.6	21.6

309947 2009 GD_{1} 6 8.2 6°.41 1°.3/ 8.4 17

5 1	17 31.90	−25 17.8	1.969	2.793	14.2	20.1
5 11	17 27.95	−25 42.6	1.887	2.793	11.2	19.9
5 21	17 21.62	−26 5.2	1.827	2.794	7.6	19.7
5 31	17 13.50	−26 23.8	1.792	2.795	3.8	19.5
6 10	17 4.51	−26 37.1	1.783	2.796	1.5	19.3
6 20	16 55.65	−26 45.0	1.801	2.798	5.0	19.5
6 30	16 47.98	−26 48.7	1.845	2.800	8.8	19.8
7 10	16 42.28	−26 50.1	1.912	2.803	12.2	20.0

471743 2012 UX_{51} 6 8.2 269°.34 0°.8/ 8.0 18

5 1	17 33.25	−21 18.0	2.107	2.926	13.6	22.6
5 11	17 28.94	−21 7.1	2.001	2.905	10.7	22.4
5 21	17 22.30	−20 54.5	1.917	2.884	7.3	22.1
5 31	17 13.86	−20 40.3	1.858	2.862	3.4	21.9
6 10	17 4.42	−20 25.1	1.826	2.840	1.2	21.6
6 20	16 54.95	−20 9.9	1.822	2.818	5.1	21.9
6 30	16 46.46	−19 56.7	1.844	2.795	9.1	22.1
7 10	16 39.79	−19 47.2	1.891	2.772	12.7	22.2

141072 2001 XF_{19} 6 8.2 191°.76 1°.9/ 8.5 18

5 1	17 33.74	−27 39.8	2.518	3.322	12.1	20.0
5 11	17 28.90	−28 7.8	2.427	3.321	9.5	19.9
5 21	17 22.03	−28 32.6	2.360	3.319	6.6	19.7
5 31	17 13.64	−28 52.2	2.319	3.318	3.5	19.5
6 10	17 4.49	−29 5.5	2.306	3.316	2.0	19.4
6 20	16 55.42	−29 12.0	2.321	3.315	4.4	19.5
6 30	16 47.30	−29 12.9	2.364	3.312	7.5	19.7
7 10	16 40.82	−29 10.2	2.432	3.310	10.4	19.9

278842 2008 SJ_{304} 6 8.2 301°.44 4°.4/ 7.5 17

5 1	17 31.30	−12 50.9	1.727	2.557	15.6	20.6
5 11	17 27.69	−12 26.8	1.639	2.546	12.5	20.3
5 21	17 21.58	−12 7.6	1.572	2.535	9.0	20.1
5 31	17 13.54	−11 55.8	1.528	2.523	5.6	19.9
6 10	17 4.50	−11 53.2	1.509	2.512	4.5	19.8
6 20	16 55.53	−12 1.3	1.516	2.502	7.3	19.9
6 30	16 47.71	−12 20.3	1.547	2.491	11.1	20.1
7 10	16 41.94	−12 49.8	1.601	2.481	14.7	20.3

51395 2001 DH_{71} 6 8.2 8°.78 1°.3/ 8.0 18

5 1	17 30.79	−21 3.7	1.206	2.065	19.2	18.9
5 11	17 28.25	−20 51.7	1.139	2.066	15.1	18.6
5 21	17 22.38	−20 38.3	1.091	2.067	10.2	18.3
5 31	17 13.99	−20 24.3	1.064	2.070	4.8	18.0
6 10	17 4.42	−20 10.7	1.059	2.073	1.7	17.8
6 20	16 55.19	−19 59.4	1.078	2.078	6.9	18.2
6 30	16 47.77	−19 52.8	1.119	2.083	12.1	18.5
7 10	16 43.21	−19 52.8	1.180	2.090	16.6	18.7

286416 2001 YP_{138} 6 8.2 163°.11 0°.9/ 7.9 18

5 1	17 31.50	−19 53.0	2.727	3.535	11.1	21.7
5 11	17 26.79	−19 48.2	2.641	3.540	8.7	21.5
5 21	17 20.40	−19 43.1	2.579	3.543	5.8	21.4
5 31	17 12.82	−19 38.0	2.543	3.547	2.8	21.2
6 10	17 4.69	−19 33.3	2.537	3.550	1.1	21.0
6 20	16 56.70	−19 29.5	2.559	3.553	4.0	21.3
6 30	16 49.54	−19 27.5	2.609	3.555	7.0	21.5
7 10	16 43.77	−19 28.3	2.684	3.557	9.7	21.6

62147 2000 SB_{18} 6 8.2 72°.81 1°.1/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.57	−27 31.6	2.177	2.991	13.3	19.4
5 11	17 28.09	−27 18.3	2.099	2.999	10.5	19.3
5 21	17 21.48	−26 59.1	2.042	3.007	7.1	19.1
5 31	17 13.35	−26 33.4	2.012	3.014	3.5	18.8
6 10	17 4.58	−26 1.9	2.008	3.022	1.2	18.7
6 20	16 56.10	−25 26.4	2.032	3.030	4.5	18.9
6 30	16 48.79	−24 49.6	2.084	3.037	8.0	19.2
7 10	16 43.31	−24 14.6	2.159	3.045	11.2	19.4

336271 2008 SD_{200} 6 8.2 285°.39 0°.9/ 7.9 17

5 1	17 32.58	−22 17.4	1.828	2.656	15.0	21.4
5 11	17 28.60	−21 53.2	1.739	2.649	11.7	21.1
5 21	17 22.12	−21 25.6	1.672	2.641	7.9	20.9
5 31	17 13.76	−20 55.1	1.629	2.634	3.7	20.6
6 10	17 4.48	−20 23.0	1.613	2.627	1.3	20.4
6 20	16 55.37	−19 51.7	1.623	2.619	5.5	20.7
6 30	16 47.49	−19 23.7	1.658	2.612	9.7	20.9
7 10	16 41.69	−19 1.8	1.717	2.605	13.4	21.1

261955 2006 PW_{10} 6 8.2 273°.87 6°.1/ 6.9 18

5 1	17 33.54	−10 24.6	1.645	2.471	16.5	20.9
5 11	17 29.67	− 9 42.3	1.549	2.450	13.4	20.7
5 21	17 23.09	− 9 5.4	1.472	2.429	10.0	20.4
5 31	17 14.33	− 8 37.7	1.419	2.408	6.9	20.2
6 10	17 4.34	− 8 22.7	1.391	2.387	6.2	20.1
6 20	16 54.27	− 8 23.0	1.388	2.365	8.8	20.2
6 30	16 45.37	− 8 39.4	1.408	2.343	12.7	20.3
7 10	16 38.64	− 9 11.1	1.450	2.321	16.5	20.5

140123 2001 SN_{140} 6 8.2 161°.41 4°.2/ 6.9 18

5 1	17 30.69	−10 56.9	2.562	3.367	11.8	21.2
5 11	17 26.17	−10 15.0	2.481	3.371	9.5	21.0
5 21	17 19.98	− 9 36.7	2.424	3.375	6.9	20.9
5 31	17 12.62	− 9 4.4	2.393	3.379	4.8	20.7
6 10	17 4.75	− 8 40.0	2.389	3.382	4.3	20.7
6 20	16 57.05	− 8 25.1	2.414	3.385	6.0	20.8
6 30	16 50.19	− 8 20.4	2.465	3.387	8.5	21.0
7 10	16 44.72	− 8 25.7	2.540	3.390	10.9	21.2

507500 2012 UB_{141} 6 8.2 351°.91 5°.0/ 8.6 17

5 1	17 36.44	−32 27.7	1.834	2.645	15.6	20.7
5 11	17 32.07	−33 34.2	1.752	2.644	12.6	20.5
5 21	17 24.75	−34 35.4	1.691	2.643	9.3	20.3
5 31	17 15.09	−35 26.4	1.654	2.642	6.2	20.1
6 10	17 4.19	−36 2.8	1.642	2.641	5.0	20.0
6 20	16 53.33	−36 22.8	1.657	2.640	7.0	20.1
6 30	16 43.88	−36 27.8	1.697	2.640	10.3	20.3
7 10	16 36.88	−36 21.8	1.760	2.640	13.5	20.5

66524 1999 RQ_{102} 6 8.2 252°.05 5°.5/ 9.9 18 R

5 1	17 37.62	−38 16.1	1.977	2.768	15.3	18.7
5 11	17 32.80	−38 32.7	1.885	2.761	12.7	18.5
5 21	17 25.09	−38 36.6	1.814	2.753	9.7	18.3
5 31	17 15.17	−38 23.8	1.766	2.745	6.9	18.1
6 10	17 4.19	−37 52.3	1.744	2.738	5.5	18.0
6 20	16 53.46	−37 3.1	1.748	2.730	7.0	18.1
6 30	16 44.24	−36 0.3	1.779	2.721	9.9	18.3
7 10	16 37.48	−34 50.4	1.832	2.713	13.1	18.4

206104 2002 RG_{190} 6 8.2 294°.23 3°.5/ 7.4 17

5 1	17 30.98	−14 52.8	1.948	2.773	14.3	20.8
5 11	17 27.08	−14 21.3	1.862	2.768	11.3	20.6
5 21	17 20.96	−13 52.1	1.799	2.762	8.0	20.3
5 31	17 13.19	−13 27.2	1.759	2.757	4.7	20.1
6 10	17 4.63	−13 8.7	1.746	2.752	3.7	20.1
6 20	16 56.20	−12 58.2	1.760	2.747	6.4	20.2
6 30	16 48.86	−12 57.0	1.799	2.741	9.9	20.4
7 10	16 43.34	−13 5.2	1.861	2.737	13.2	20.6

431049 2006 BR_{64} 6 8.2 216°.45 3°.0/ 7.7 18

5 1	17 33.54	−15 2.5	2.023	2.841	14.1	21.6
5 11	17 29.01	−14 49.0	1.935	2.836	11.2	21.4
5 21	17 22.24	−14 38.7	1.869	2.832	7.8	21.2
5 31	17 13.79	−14 32.8	1.827	2.826	4.4	21.0
6 10	17 4.50	−14 32.3	1.813	2.821	3.1	20.9
6 20	16 55.32	−14 37.9	1.826	2.815	5.9	21.0
6 30	16 47.20	−14 50.3	1.866	2.809	9.5	21.2
7 10	16 40.92	−15 9.6	1.928	2.803	12.8	21.4

160448 2005 UK_{433} 6 8.2 280°.31 0°.4/ 8.1 18

5 1	17 33.53	−22 48.3	1.714	2.545	15.7	21.0
5 11	17 29.56	−22 38.6	1.627	2.537	12.3	20.7
5 21	17 22.90	−22 26.0	1.560	2.530	8.4	20.5
5 31	17 14.18	−22 10.4	1.517	2.523	3.9	20.2
6 10	17 4.41	−21 52.2	1.501	2.515	1.0	19.9
6 20	16 54.79	−21 33.1	1.510	2.508	5.6	20.2
6 30	16 46.49	−21 15.3	1.545	2.501	10.1	20.5
7 10	16 40.45	−21 1.6	1.602	2.494	14.0	20.7

203955 2003 SH_{31} 6 8.2 274°.75 1°.7/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.78	−27 10.5	1.945	2.764	14.5	20.6
5 11	17 29.60	−27 21.4	1.851	2.754	11.5	20.3
5 21	17 22.87	−27 27.7	1.778	2.743	8.0	20.1
5 31	17 14.16	−27 27.7	1.729	2.732	4.1	19.8
6 10	17 4.43	−27 20.5	1.707	2.720	1.8	19.7
6 20	16 54.76	−27 6.6	1.712	2.709	5.2	19.9
6 30	16 46.29	−26 48.1	1.743	2.698	9.2	20.1
7 10	16 39.92	−26 28.3	1.798	2.687	12.9	20.3

393879 2005 TA_{48} 6 8.2 270°.33 2°.3/ 7.5 18

5 1	17 30.44	−18 3.9	2.375	3.192	12.3	21.5
5 11	17 26.32	−17 28.6	2.275	3.178	9.7	21.3
5 21	17 20.30	−16 52.4	2.199	3.163	6.6	21.1
5 31	17 12.87	−16 16.6	2.148	3.149	3.6	20.9
6 10	17 4.72	−15 43.2	2.125	3.134	2.4	20.8
6 20	16 56.65	−15 13.9	2.130	3.120	5.2	20.9
6 30	16 49.44	−14 50.8	2.162	3.105	8.4	21.1
7 10	16 43.78	−14 35.2	2.218	3.090	11.5	21.3

230116 2001 CD_{45} 6 8.2 26°.96 4°.2/ 8.4 18

5 1	17 33.15	−10 35.6	1.452	2.287	17.8	18.8
5 11	17 29.33	−10 59.5	1.389	2.298	14.2	18.6
5 21	17 22.73	−11 35.0	1.346	2.310	10.0	18.4
5 31	17 14.07	−12 22.8	1.325	2.322	6.0	18.2
6 10	17 4.47	−13 21.5	1.329	2.335	4.3	18.1
6 20	16 55.18	−14 28.7	1.358	2.350	7.1	18.3
6 30	16 47.39	−15 41.2	1.412	2.364	11.2	18.6
7 10	16 41.99	−16 56.3	1.488	2.380	14.9	18.9

472890 2015 FT_{325} 6 8.2 354°.67 5°.1/ 7.8 16

5 1	17 28.72	−11 21.9	1.439	2.284	17.4	20.8
5 11	17 26.06	−11 8.6	1.364	2.278	14.0	20.6
5 21	17 20.67	−11 3.9	1.309	2.274	10.1	20.3
5 31	17 13.18	−11 10.5	1.275	2.271	6.4	20.1
6 10	17 4.65	−11 30.0	1.265	2.269	5.2	20.0
6 20	16 56.27	−12 2.4	1.280	2.268	8.0	20.2
6 30	16 49.26	−12 46.7	1.317	2.268	11.9	20.4
7 10	16 44.56	−13 40.6	1.375	2.269	15.8	20.6

471750 2012 UV_{89} 6 8.2 279°.21 0°.7/ 8.3 16

5 1	17 33.80	−24 6.8	2.004	2.824	14.1	22.3
5 11	17 29.62	−24 19.7	1.899	2.803	11.2	22.0
5 21	17 22.93	−24 30.9	1.815	2.782	7.7	21.8
5 31	17 14.24	−24 39.0	1.757	2.761	3.7	21.5
6 10	17 4.42	−24 43.1	1.725	2.739	1.0	21.2
6 20	16 54.52	−24 43.2	1.720	2.718	5.1	21.5
6 30	16 45.65	−24 40.6	1.742	2.696	9.3	21.7
7 10	16 38.77	−24 37.6	1.787	2.674	13.0	21.9

383981 2008 TS_{115} 6 8.2 255°.96 2°.6/ 7.3 18

5 1	17 33.25	−18 50.1	2.048	2.869	13.9	21.3
5 11	17 28.84	−18 2.5	1.950	2.854	10.9	21.1
5 21	17 22.17	−17 12.3	1.873	2.839	7.5	20.9
5 31	17 13.79	−16 21.3	1.823	2.824	4.0	20.6
6 10	17 4.55	−15 32.1	1.799	2.808	2.8	20.5
6 20	16 55.39	−14 47.7	1.803	2.793	5.9	20.7
6 30	16 47.29	−14 11.0	1.834	2.776	9.7	20.9
7 10	16 41.03	−13 44.2	1.888	2.760	13.1	21.1

90765 1993 TX_{14} 6 8.2 276°.33 0°.6/ 8.1 18

5 1	17 30.77	−21 29.1	2.445	3.261	12.0	20.2
5 11	17 26.64	−21 22.9	2.341	3.244	9.4	20.0
5 21	17 20.57	−21 15.5	2.260	3.227	6.4	19.8
5 31	17 13.03	−21 6.8	2.205	3.209	3.0	19.6
6 10	17 4.71	−20 57.3	2.178	3.192	0.9	19.4
6 20	16 56.41	−20 47.7	2.178	3.174	4.4	19.6
6 30	16 48.94	−20 39.3	2.206	3.157	7.8	19.8
7 10	16 43.01	−20 33.6	2.259	3.139	11.0	19.9

195554 2002 JD_{68} 6 8.2 87°.40 17°.1/31.8 18

5 1	17 35.85	− 0 44.7	1.017	1.855	23.5	20.2
5 11	17 32.23	+ 2 54.0	0.970	1.859	20.6	20.0
5 21	17 25.04	+ 6 19.7	0.941	1.863	18.2	19.9
5 31	17 15.21	+ 9 13.9	0.932	1.867	17.1	19.8
6 10	17 4.26	+11 21.4	0.943	1.871	17.9	19.9
6 20	16 53.84	+12 34.3	0.972	1.875	19.9	20.0
6 30	16 45.47	+12 53.4	1.018	1.879	22.6	20.2
7 10	16 40.18	+12 26.7	1.076	1.882	25.1	20.4

60968 2000 JY_{82} 6 8.2 313°.70 0°.9/ 8.4 18

5 1	17 30.61	−25 8.7	1.169	2.029	19.6	19.2
5 11	17 28.88	−25 9.6	1.077	2.004	15.7	18.8
5 21	17 23.44	−25 5.3	1.002	1.978	10.9	18.5
5 31	17 14.82	−24 54.0	0.947	1.954	5.3	18.1
6 10	17 4.27	−24 35.1	0.915	1.930	1.4	17.7
6 20	16 53.52	−24 9.9	0.904	1.906	7.5	18.0
6 30	16 44.46	−23 42.2	0.915	1.884	13.5	18.3
7 10	16 38.61	−23 17.5	0.945	1.862	19.0	18.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
389701 2011 QC_{79}			6 8.2 281°.30	1°.2/ 7.9 16		
	h m	° ′			°	m
5 1	17 31.59	−20 7.5	2.054	2.878	13.7	21.6
5 11	17 27.56	−19 56.0	1.963	2.870	10.8	21.4
5 21	17 21.31	−19 43.8	1.894	2.862	7.3	21.2
5 31	17 13.40	−19 31.5	1.850	2.854	3.5	20.9
6 10	17 4.64	−19 19.7	1.832	2.846	1.5	20.8
6 20	16 55.99	−19 9.5	1.842	2.838	5.1	21.0
6 30	16 48.39	−19 2.6	1.878	2.830	8.9	21.2
7 10	16 42.61	−19 0.1	1.938	2.822	12.3	21.4
311543 2005 YS_{220}			6 8.2 227°.32	4°.1/ 9.7 18		R
5 1	17 35.39	−38 29.2	3.005	3.773	11.1	21.5
5 11	17 30.05	−38 42.0	2.901	3.762	9.2	21.3
5 21	17 22.74	−38 45.6	2.820	3.750	7.0	21.1
5 31	17 13.98	−38 37.7	2.765	3.738	5.1	21.0
6 10	17 4.53	−38 17.0	2.737	3.726	4.1	20.9
6 20	16 55.19	−37 44.1	2.738	3.713	5.2	21.0
6 30	16 46.80	−37 1.0	2.767	3.699	7.2	21.1
7 10	16 40.03	−36 11.4	2.821	3.686	9.5	21.2
4847 Amenhotep			6 8.2 21°.72	0°.6/ 8.1 18		
5 1	17 33.75	−21 58.0	1.121	1.980	20.4	17.4
5 11	17 30.85	−21 54.2	1.057	1.983	16.0	17.2
5 21	17 24.31	−21 48.8	1.010	1.987	10.8	16.9
5 31	17 14.97	−21 41.4	0.985	1.991	5.0	16.6
6 10	17 4.31	−21 32.3	0.981	1.996	1.3	16.3
6 20	16 54.06	−21 23.2	1.001	2.001	7.2	16.7
6 30	16 45.84	−21 16.6	1.042	2.007	12.7	17.1
7 10	16 40.77	−21 15.3	1.103	2.014	17.4	17.3
357798 2005 TW_{78}			6 8.2 250°.31	2°.7/ 8.3 18		
5 1	17 36.62	−28 30.3	2.626	3.421	11.9	20.7
5 11	17 31.32	−29 27.5	2.521	3.407	9.5	20.5
5 21	17 23.84	−30 23.3	2.439	3.394	6.7	20.3
5 31	17 14.62	−31 14.5	2.385	3.380	3.9	20.1
6 10	17 4.39	−31 58.4	2.359	3.365	2.8	20.0
6 20	16 54.03	−32 33.3	2.363	3.351	4.9	20.1
6 30	16 44.47	−32 59.1	2.395	3.336	7.8	20.3
7 10	16 36.54	−33 17.3	2.453	3.321	10.6	20.4
308579 2005 UW_{477}			6 8.3 185°.41	1°.3/ 7.9 18		
5 1	17 30.88	−18 16.3	2.844	3.651	10.7	21.6
5 11	17 26.29	−18 11.9	2.754	3.651	8.4	21.4
5 21	17 20.09	−18 8.2	2.687	3.650	5.7	21.2
5 31	17 12.74	−18 5.5	2.647	3.649	2.8	21.0
6 10	17 4.83	−18 4.3	2.636	3.648	1.5	20.9
6 20	16 57.03	−18 5.0	2.654	3.647	4.0	21.1
6 30	16 49.99	−18 8.2	2.700	3.645	6.9	21.3
7 10	16 44.25	−18 14.7	2.772	3.643	9.5	21.4
499605 2010 TK_{165}			6 8.3 257°.22	1°.1/ 8.0 17		
5 1	17 35.86	−21 4.5	1.744	2.569	15.7	22.9
5 11	17 31.49	−20 50.5	1.644	2.552	12.4	22.7
5 21	17 24.33	−20 34.6	1.565	2.534	8.5	22.4
5 31	17 14.95	−20 16.9	1.510	2.515	4.0	22.1
6 10	17 4.33	−19 58.2	1.482	2.496	1.5	21.8
6 20	16 53.69	−19 40.0	1.480	2.476	6.0	22.1
6 30	16 44.28	−19 24.7	1.504	2.456	10.6	22.3
7 10	16 37.12	−19 14.6	1.550	2.436	14.7	22.5
395380 2011 SL_{44}			6 8.3 201°.56	5°.6/ 9.6 16		
5 1	17 36.60	−38 50.3	2.297	3.078	13.7	21.4
5 11	17 31.66	−39 27.8	2.210	3.077	11.4	21.3
5 21	17 24.17	−39 55.1	2.145	3.076	8.9	21.1
5 31	17 14.76	−40 8.1	2.103	3.074	6.6	21.0
6 10	17 4.40	−40 4.6	2.088	3.073	5.6	20.9
6 20	16 54.21	−39 44.4	2.099	3.071	6.7	21.0
6 30	16 45.30	−39 10.1	2.137	3.069	9.1	21.1
7 10	16 38.53	−38 26.5	2.198	3.067	11.7	21.3
363660 2004 SJ_{61}			6 8.3 281°.82	3°.8/ 7.6 17		
5 1	17 34.38	−15 55.2	1.447	2.286	17.7	21.5
5 11	17 30.89	−15 28.1	1.349	2.263	14.2	21.2
5 21	17 24.27	−15 2.9	1.271	2.240	10.0	20.9
5 31	17 15.05	−14 41.9	1.215	2.216	5.7	20.6
6 10	17 4.29	−14 27.5	1.183	2.192	4.1	20.4
6 20	16 53.38	−14 21.9	1.176	2.168	7.9	20.6
6 30	16 43.79	−14 27.0	1.193	2.144	12.9	20.8
7 10	16 36.75	−14 43.6	1.229	2.120	17.5	21.0
442594 2012 CM_{40}			6 8.3 246°.91	3°.6/ 7.4 18		
5 1	17 28.91	−11 1.1	2.666	3.473	11.4	21.2
5 11	17 24.84	−10 44.6	2.578	3.470	9.1	21.1
5 21	17 19.16	−10 32.6	2.513	3.467	6.6	20.9
5 31	17 12.33	−10 26.7	2.474	3.464	4.3	20.7
6 10	17 4.93	−10 28.0	2.463	3.460	3.7	20.7
6 20	16 57.63	−10 37.1	2.479	3.457	5.4	20.8
6 30	16 51.08	−10 54.0	2.523	3.454	7.9	21.0
7 10	16 45.83	−11 18.2	2.590	3.450	10.4	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
235762 2004 VP_{7}			6 8.3 233°.32	1°.0/ 8.0 18		
	h m	° ′			°	m
5 1	17 34.36	−20 10.3	2.271	3.083	12.9	21.8
5 11	17 29.56	−20 4.0	2.170	3.070	10.2	21.6
5 21	17 22.61	−19 57.2	2.092	3.057	6.9	21.3
5 31	17 14.02	−19 49.9	2.040	3.044	3.3	21.1
6 10	17 4.56	−19 42.7	2.016	3.029	1.3	20.9
6 20	16 55.13	−19 36.1	2.020	3.015	4.8	21.1
6 30	16 46.65	−19 31.7	2.051	2.999	8.5	21.3
7 10	16 39.88	−19 30.6	2.107	2.984	11.8	21.5
265397 2004 TR_{17}			6 8.3 231°.85	11°.5/11.5 15		
5 1	17 48.40	−47 5.1	1.345	2.125	21.7	20.8
5 11	17 43.52	−47 52.0	1.264	2.118	19.0	20.6
5 21	17 33.58	−48 16.8	1.198	2.110	15.9	20.4
5 31	17 19.51	−48 8.0	1.152	2.102	13.0	20.2
6 10	17 3.39	−47 17.7	1.126	2.094	11.5	20.1
6 20	16 47.86	−45 46.0	1.123	2.084	12.4	20.1
6 30	16 35.37	−43 42.3	1.143	2.075	15.2	20.2
7 10	16 27.37	−41 22.1	1.183	2.065	18.6	20.4
383957 2008 TE_{8}			6 8.3 145°.33	4°.4/ 7.1 18		
5 1	17 32.69	−11 34.4	2.181	2.992	13.4	21.5
5 11	17 28.03	−10 56.8	2.105	2.999	10.7	21.3
5 21	17 21.40	−10 23.5	2.051	3.006	7.8	21.1
5 31	17 13.38	− 9 56.9	2.023	3.012	5.2	21.0
6 10	17 4.74	− 9 38.9	2.021	3.018	4.5	20.9
6 20	16 56.32	− 9 31.0	2.047	3.023	6.5	21.1
6 30	16 48.92	− 9 33.8	2.100	3.029	9.4	21.2
7 10	16 43.18	− 9 47.0	2.175	3.033	12.2	21.4
96472 1998 HV_{107}			6 8.3 114°.62	2°.2/ 8.4 18		
5 1	17 40.43	−26 5.0	1.671	2.489	16.6	19.0
5 11	17 34.99	−26 48.2	1.602	2.503	13.1	18.8
5 21	17 26.57	−27 28.8	1.553	2.517	9.0	18.6
5 31	17 15.90	−28 3.3	1.529	2.530	4.6	18.3
6 10	17 4.19	−28 29.0	1.531	2.543	2.3	18.2
6 20	16 52.79	−28 44.8	1.560	2.555	5.9	18.5
6 30	16 43.02	−28 52.5	1.614	2.567	10.0	18.7
7 10	16 35.82	−28 55.1	1.692	2.578	13.7	19.0
266549 2008 FG_{134}			6 8.3 253°.17	1°.6/ 7.9 18		
5 1	17 35.08	−19 36.7	1.865	2.688	14.9	21.3
5 11	17 30.65	−19 24.0	1.766	2.672	11.8	21.1
5 21	17 23.64	−19 10.8	1.688	2.656	8.1	20.8
5 31	17 14.60	−18 57.5	1.635	2.639	4.0	20.5
6 10	17 4.46	−18 45.0	1.608	2.622	1.8	20.4
6 20	16 54.30	−18 34.5	1.609	2.604	5.8	20.6
6 30	16 45.29	−18 27.7	1.635	2.586	10.1	20.8
7 10	16 38.35	−18 26.4	1.685	2.567	13.9	21.0
470740 2008 UL_{110}			6 8.3 196°.99	1°.4/ 8.6 17		
5 1	17 35.02	−27 34.3	2.225	3.033	13.3	22.2
5 11	17 30.13	−27 35.7	2.135	3.031	10.5	22.0
5 21	17 22.99	−27 31.8	2.067	3.029	7.2	21.8
5 31	17 14.18	−27 21.6	2.025	3.026	3.7	21.6
6 10	17 4.57	−27 4.6	2.010	3.023	1.5	21.4
6 20	16 55.13	−26 41.9	2.023	3.020	4.7	21.6
6 30	16 46.80	−26 15.7	2.064	3.016	8.2	21.8
7 10	16 40.36	−25 49.2	2.129	3.011	11.4	22.0
323235 2003 SX_{171}			6 8.3 230°.37	3°.2/ 8.9 17		
5 1	17 38.87	−30 52.6	1.812	2.622	15.8	22.1
5 11	17 33.94	−31 10.1	1.718	2.612	12.7	21.9
5 21	17 26.01	−31 20.2	1.644	2.602	9.1	21.7
5 31	17 15.74	−31 19.7	1.594	2.591	5.2	21.4
6 10	17 4.22	−31 6.4	1.570	2.579	3.3	21.3
6 20	16 52.78	−30 40.8	1.573	2.567	6.1	21.4
6 30	16 42.79	−30 6.2	1.602	2.554	10.1	21.6
7 10	16 35.27	−29 27.6	1.655	2.541	14.0	21.8
170719 2004 BY_{49}			6 8.3 248°.21	1°.1/ 8.0 18		
5 1	17 32.35	−19 58.8	2.123	2.943	13.4	20.9
5 11	17 28.08	−19 53.6	2.033	2.937	10.5	20.6
5 21	17 21.64	−19 48.3	1.964	2.932	7.1	20.4
5 31	17 13.57	−19 43.0	1.922	2.926	3.4	20.2
6 10	17 4.70	−19 38.3	1.906	2.920	1.4	20.0
6 20	16 55.92	−19 34.8	1.918	2.914	4.9	20.3
6 30	16 48.18	−19 33.7	1.957	2.908	8.6	20.5
7 10	16 42.21	−19 36.3	2.019	2.901	12.0	20.7
123691 2000 YJ_{101}			6 8.3 152°.77	5°.4/ 7.7 18		
5 1	17 34.15	− 7 11.9	2.062	2.865	14.4	19.7
5 11	17 29.32	− 7 1.4	1.984	2.869	11.7	19.5
5 21	17 22.37	− 7 0.1	1.927	2.873	8.8	19.3
5 31	17 13.88	− 7 10.1	1.895	2.877	6.2	19.2
6 10	17 4.65	− 7 32.4	1.890	2.880	5.4	19.1
6 20	16 55.59	− 8 7.0	1.911	2.884	7.2	19.2
6 30	16 47.58	− 8 52.6	1.959	2.886	10.1	19.4
7 10	16 41.34	− 9 47.2	2.031	2.889	12.9	19.6

249736 2000 SD_{104} 6 8.3 315°.19 3°.1/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.52	−27 53.8	1.203	2.057	19.5	20.2
5 11	17 29.64	−28 18.6	1.112	2.034	15.8	19.8
5 21	17 24.00	−28 38.3	1.038	2.011	11.1	19.5
5 31	17 15.14	−28 49.1	0.985	1.988	6.0	19.1
6 10	17 4.33	−28 48.0	0.954	1.967	3.2	18.9
6 20	16 53.32	−28 34.5	0.946	1.946	7.7	19.1
6 30	16 44.04	−28 11.7	0.959	1.925	13.3	19.3
7 10	16 38.04	−27 45.3	0.990	1.906	18.5	19.5

80208 1999 VG_{81} 6 8.3 168°.92 1°.9/ 7.9 17

5 1	17 36.43	−18 35.3	1.980	2.795	14.4	20.4
5 11	17 31.28	−18 19.3	1.898	2.800	11.3	20.2
5 21	17 23.78	−18 3.6	1.838	2.803	7.7	20.0
5 31	17 14.56	−17 48.8	1.804	2.806	3.9	19.8
6 10	17 4.54	−17 35.9	1.797	2.808	2.1	19.7
6 20	16 54.73	−17 26.1	1.817	2.810	5.5	19.9
6 30	16 46.13	−17 20.9	1.865	2.811	9.3	20.1
7 10	16 39.51	−17 21.3	1.936	2.812	12.7	20.3

92169 1999 XN_{181} 6 8.3 170°.84 3°.0/ 9.6 18

5 1	17 34.79	−35 0.8	2.554	3.342	12.3	18.8
5 11	17 29.65	−34 41.5	2.463	3.342	9.9	18.6
5 21	17 22.47	−34 11.9	2.395	3.343	7.2	18.4
5 31	17 13.88	−33 30.6	2.353	3.343	4.4	18.3
6 10	17 4.69	−32 38.0	2.339	3.344	3.0	18.2
6 20	16 55.81	−31 36.3	2.354	3.344	4.6	18.3
6 30	16 48.07	−30 28.9	2.397	3.345	7.4	18.5
7 10	16 42.09	−29 20.4	2.465	3.345	10.2	18.6

280282 2003 FK_{3} 6 8.3 71°.48 15°.1/11.5 18

5 1	17 42.93	+10 35.2	1.141	1.920	24.9	19.6
5 11	17 37.64	+10 42.7	1.084	1.928	22.1	19.4
5 21	17 28.70	+10 14.0	1.040	1.937	19.0	19.2
5 31	17 16.99	+ 9 0.8	1.014	1.945	16.4	19.1
6 10	17 4.03	+ 7 0.6	1.008	1.954	15.1	19.0
6 20	16 51.51	+ 4 19.2	1.024	1.962	15.8	19.1
6 30	16 41.06	+ 1 8.5	1.063	1.971	18.1	19.2
7 10	16 33.79	− 2 16.7	1.122	1.980	21.1	19.5

321140 2008 UT_{163} 6 8.3 296°.92 0°.7/ 8.4 17

5 1	17 32.97	−25 29.7	1.763	2.592	15.4	20.6
5 11	17 29.19	−25 23.6	1.672	2.580	12.2	20.4
5 21	17 22.73	−25 12.7	1.601	2.569	8.3	20.1
5 31	17 14.20	−24 56.0	1.554	2.558	4.0	19.9
6 10	17 4.60	−24 33.7	1.532	2.547	1.0	19.6
6 20	16 55.11	−24 7.3	1.537	2.536	5.5	19.9
6 30	16 46.91	−23 39.6	1.568	2.526	9.8	20.1
7 10	16 40.94	−23 14.0	1.621	2.515	13.8	20.3

397421 2007 AO_{3} 6 8.3 132°.91 2°.9/ 9.3 18

5 1	17 33.51	−33 0.0	2.399	3.198	12.7	20.7
5 11	17 28.85	−33 1.3	2.313	3.200	10.2	20.5
5 21	17 22.05	−32 54.3	2.249	3.201	7.3	20.3
5 31	17 13.73	−32 37.3	2.210	3.203	4.4	20.1
6 10	17 4.73	−32 9.9	2.199	3.205	3.0	20.0
6 20	16 55.96	−31 33.4	2.215	3.207	4.8	20.2
6 30	16 48.31	−30 50.7	2.259	3.208	7.8	20.4
7 10	16 42.46	−30 5.4	2.328	3.210	10.6	20.5

259443 2003 SZ_{41} 6 8.3 177°.50 11°.4/ 9.9 17

5 1	17 54.39	−52 56.3	2.209	2.911	16.4	21.4
5 11	17 47.24	−54 38.6	2.132	2.914	14.7	21.3
5 21	17 35.74	−56 5.2	2.074	2.916	13.1	21.2
5 31	17 20.54	−57 6.4	2.037	2.917	11.9	21.1
6 10	17 3.23	−57 34.9	2.024	2.917	11.4	21.1
6 20	16 45.95	−57 28.3	2.035	2.917	11.9	21.1
6 30	16 30.89	−56 50.2	2.068	2.916	13.1	21.2
7 10	16 19.60	−55 48.9	2.122	2.914	14.7	21.3

245095 2004 PY_{25} 6 8.3 225°.45 7°.4/11.1 18

5 1	17 41.99	−51 36.8	3.217	3.916	11.7	21.0
5 11	17 35.60	−52 14.0	3.118	3.904	10.4	20.9
5 21	17 26.71	−52 37.9	3.038	3.892	9.1	20.8
5 31	17 15.94	−52 44.3	2.982	3.880	7.9	20.7
6 10	17 4.26	−52 30.4	2.952	3.867	7.4	20.6
6 20	16 52.77	−51 55.9	2.947	3.854	7.8	20.6
6 30	16 42.56	−51 3.2	2.967	3.840	8.8	20.7
7 10	16 34.46	−49 56.8	3.012	3.826	10.3	20.8

189575 2000 UG_{14} 6 8.3 257°.15 1°.5/ 8.5 18

5 1	17 37.30	−26 22.7	2.302	3.105	13.1	21.1
5 11	17 32.15	−26 41.9	2.187	3.080	10.4	20.9
5 21	17 24.59	−26 58.4	2.093	3.054	7.2	20.7
5 31	17 15.07	−27 10.2	2.026	3.027	3.7	20.4
6 10	17 4.42	−27 15.9	1.987	3.000	1.6	20.2
6 20	16 53.60	−27 15.0	1.976	2.971	4.9	20.4
6 30	16 43.70	−27 8.8	1.993	2.942	8.6	20.5
7 10	16 35.62	−26 59.8	2.035	2.912	12.1	20.7

506871 2007 YR_{26} 6 8.3 76°.36 2°.2/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.17	−28 44.8	2.163	2.973	13.6	21.6
5 11	17 29.45	−29 4.6	2.091	2.987	10.7	21.5
5 21	17 22.50	−29 19.2	2.041	3.001	7.4	21.3
5 31	17 13.95	−29 26.8	2.016	3.015	4.0	21.1
6 10	17 4.70	−29 26.4	2.019	3.029	2.3	21.0
6 20	16 55.72	−29 18.6	2.049	3.043	4.8	21.2
6 30	16 47.95	−29 5.2	2.106	3.057	8.1	21.4
7 10	16 42.09	−28 49.1	2.187	3.071	11.1	21.6

277009 2004 XA_{134} 6 8.3 296°.36 4°.2/ 8.4 18

5 1	17 36.77	−29 55.4	1.751	2.569	16.0	20.3
5 11	17 32.87	−30 52.3	1.638	2.537	13.0	20.1
5 21	17 25.78	−31 47.6	1.546	2.505	9.5	19.8
5 31	17 15.90	−32 36.6	1.478	2.473	5.9	19.5
6 10	17 4.21	−33 14.5	1.435	2.440	4.3	19.3
6 20	16 52.05	−33 38.2	1.418	2.408	7.2	19.4
6 30	16 41.01	−33 47.9	1.426	2.375	11.4	19.5
7 10	16 32.47	−33 47.0	1.456	2.343	15.5	19.7

62270 2000 SJ_{91} 6 8.3 196°.07 3°.8/ 7.1 16

5 1	17 30.44	−12 36.6	2.424	3.235	12.2	20.1
5 11	17 26.17	−11 57.6	2.339	3.234	9.8	19.9
5 21	17 20.14	−11 21.4	2.277	3.233	7.0	19.8
5 31	17 12.83	−10 50.2	2.240	3.231	4.6	19.6
6 10	17 4.94	−10 26.1	2.231	3.229	4.0	19.6
6 20	16 57.18	−10 10.5	2.250	3.227	5.9	19.7
6 30	16 50.30	−10 4.6	2.295	3.225	8.7	19.8
7 10	16 44.87	−10 8.3	2.365	3.223	11.3	20.0

398608 2011 WJ_{131} 6 8.3 175°.24 3°.4/ 9.2 18

5 1	17 34.26	−34 4.7	2.671	3.460	11.8	21.6
5 11	17 29.29	−34 22.3	2.582	3.461	9.6	21.5
5 21	17 22.30	−34 32.5	2.516	3.462	7.0	21.3
5 31	17 13.85	−34 33.1	2.476	3.463	4.5	21.2
6 10	17 4.72	−34 23.2	2.463	3.464	3.4	21.1
6 20	16 55.75	−34 3.2	2.479	3.464	4.8	21.2
6 30	16 47.79	−33 35.1	2.522	3.464	7.4	21.3
7 10	16 41.50	−33 2.1	2.590	3.464	9.9	21.5

374540 2006 BZ_{61} 6 8.3 169°.41 0°.1/ 8.2 17

5 1	17 35.73	−22 44.5	2.401	3.207	12.5	22.5
5 11	17 30.39	−22 45.1	2.315	3.212	9.8	22.3
5 21	17 23.02	−22 43.9	2.252	3.216	6.6	22.1
5 31	17 14.18	−22 40.3	2.215	3.219	3.0	21.9
6 10	17 4.66	−22 34.4	2.207	3.222	0.7	21.7
6 20	16 55.30	−22 26.7	2.228	3.224	4.3	22.0
6 30	16 46.96	−22 18.7	2.276	3.225	7.7	22.2
7 10	16 40.31	−22 12.1	2.350	3.226	10.8	22.4

465042 2006 QG_{74} 6 8.3 311°.39 1°.2/ 8.4 17

5 1	17 32.01	−24 54.5	1.312	2.162	18.5	21.4
5 11	17 29.59	−25 6.2	1.219	2.140	14.8	21.1
5 21	17 23.71	−25 14.9	1.145	2.118	10.2	20.8
5 31	17 14.93	−25 18.5	1.091	2.097	5.0	20.4
6 10	17 4.44	−25 15.6	1.061	2.076	1.5	20.1
6 20	16 53.80	−25 6.5	1.054	2.055	6.9	20.4
6 30	16 44.72	−24 53.8	1.070	2.035	12.4	20.6
7 10	16 38.57	−24 41.5	1.106	2.016	17.4	20.9

311395 2005 TC_{88} 6 8.3 202°.39 4°.0/ 6.5 18

5 1	17 29.84	− 9 57.0	3.104	3.900	10.2	21.9
5 11	17 25.30	− 9 9.7	3.012	3.895	8.2	21.7
5 21	17 19.36	− 8 25.3	2.944	3.889	6.1	21.6
5 31	17 12.43	− 7 46.0	2.903	3.883	4.4	21.4
6 10	17 5.04	− 7 13.8	2.891	3.877	4.1	21.4
6 20	16 57.74	− 6 50.2	2.907	3.870	5.5	21.5
6 30	16 51.09	− 6 36.3	2.951	3.863	7.6	21.6
7 10	16 45.58	− 6 32.0	3.020	3.855	9.7	21.8

439484 2013 YZ_{111} 6 8.3 162°.93 1°.2/ 8.6 18

5 1	17 35.55	−27 47.8	2.393	3.196	12.6	22.3
5 11	17 30.28	−27 38.5	2.308	3.201	9.9	22.1
5 21	17 22.95	−27 23.6	2.245	3.206	6.8	21.9
5 31	17 14.14	−27 2.2	2.209	3.210	3.4	21.7
6 10	17 4.68	−26 34.5	2.201	3.214	1.3	21.5
6 20	16 55.46	−26 2.1	2.221	3.217	4.3	21.8
6 30	16 47.34	−25 27.4	2.270	3.220	7.7	22.0
7 10	16 40.98	−24 53.3	2.343	3.222	10.7	22.2

344504 2002 QG_{144} 6 8.3 288°.69 0°.5/ 8.2 16

5 1	17 32.47	−21 32.5	1.935	2.760	14.4	21.9
5 11	17 28.50	−21 33.1	1.843	2.751	11.3	21.7
5 21	17 22.13	−21 32.9	1.773	2.741	7.6	21.5
5 31	17 13.91	−21 31.6	1.727	2.732	3.6	21.2
6 10	17 4.74	−21 29.2	1.708	2.722	0.9	21.0
6 20	16 55.64	−21 26.3	1.715	2.713	5.1	21.3
6 30	16 47.66	−21 24.4	1.749	2.704	9.2	21.5
7 10	16 41.64	−21 25.0	1.806	2.694	12.9	21.7

348939 2006 TT_{74} 6 8.3 152°.55 2°.9/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.16	−15 21.1	2.578	3.387	11.7	21.4
5 11	17 26.58	−14 42.8	2.496	3.393	9.2	21.3
5 21	17 20.34	−14 5.7	2.438	3.398	6.4	21.1
5 31	17 12.91	−13 31.4	2.407	3.403	3.8	20.9
6 10	17 4.98	−13 1.6	2.403	3.407	3.0	20.9
6 20	16 57.23	−12 38.1	2.429	3.412	5.1	21.0
6 30	16 50.34	−12 22.1	2.481	3.416	7.9	21.2
7 10	16 44.87	−12 14.1	2.558	3.419	10.5	21.4

167690 2004 PT_{65} 6 8.3 27°.16 19°.5/13.0 18

5 1	17 50.06	−55 52.7	1.085	1.854	26.5	19.6
5 11	17 47.79	−58 7.3	1.033	1.857	24.4	19.4
5 21	17 38.34	−59 54.1	0.993	1.859	22.2	19.3
5 31	17 22.38	−60 55.4	0.968	1.862	20.5	19.2
6 10	17 2.94	−60 57.3	0.958	1.866	19.6	19.1
6 20	16 44.45	−59 56.5	0.964	1.870	19.8	19.2
6 30	16 30.93	−58 3.5	0.987	1.874	21.1	19.3
7 10	16 24.24	−55 37.4	1.026	1.879	23.0	19.4

457738 2009 HE_{14} 6 8.3 68°.31 0°.8/ 8.2 17

5 1	17 39.03	−20 27.2	1.347	2.184	18.8	21.2
5 11	17 34.06	−20 37.0	1.296	2.210	14.6	21.0
5 21	17 25.94	−20 47.5	1.264	2.235	9.8	20.8
5 31	17 15.60	−20 57.5	1.255	2.260	4.5	20.6
6 10	17 4.44	−21 6.7	1.271	2.286	1.3	20.4
6 20	16 53.91	−21 15.1	1.312	2.311	6.2	20.8
6 30	16 45.30	−21 24.2	1.378	2.336	10.9	21.1
7 10	16 39.48	−21 35.6	1.465	2.360	14.9	21.4

416518 2003 YX_{119} 6 8.3 239°.91 1°.1/ 8.4 18

5 1	17 37.87	−24 54.4	1.880	2.695	15.1	21.8
5 11	17 33.01	−25 13.5	1.780	2.681	12.0	21.5
5 21	17 25.37	−25 30.6	1.702	2.667	8.2	21.3
5 31	17 15.51	−25 43.6	1.649	2.652	4.0	21.0
6 10	17 4.41	−25 50.9	1.622	2.636	1.4	20.7
6 20	16 53.26	−25 52.3	1.623	2.620	5.5	21.0
6 30	16 43.32	−25 49.3	1.650	2.603	9.8	21.2
7 10	16 35.61	−25 44.5	1.701	2.586	13.7	21.4

80907 2000 DS_{58} 6 8.3 131°.05 2°.5/ 8.8 17

5 1	17 38.49	−29 30.6	1.851	2.663	15.5	20.8
5 11	17 33.24	−29 42.0	1.776	2.673	12.3	20.6
5 21	17 25.27	−29 46.5	1.722	2.683	8.5	20.4
5 31	17 15.32	−29 41.7	1.693	2.692	4.6	20.2
6 10	17 4.49	−29 26.7	1.690	2.701	2.5	20.1
6 20	16 54.01	−29 2.7	1.714	2.710	5.5	20.3
6 30	16 45.02	−28 32.8	1.765	2.718	9.3	20.5
7 10	16 38.38	−28 1.1	1.839	2.725	12.8	20.8

976 Benjamina 6 8.3 43°.76 0°.9/ 7.9 18 A

5 1	17 30.83	−22 6.5	2.138	2.960	13.3	14.0
5 11	17 26.76	−21 37.6	2.061	2.968	10.3	13.8
5 21	17 20.65	−21 6.0	2.007	2.975	6.9	13.6
5 31	17 13.11	−20 32.4	1.978	2.983	3.3	13.4
6 10	17 4.96	−19 58.3	1.977	2.991	1.2	13.3
6 20	16 57.07	−19 25.9	2.003	2.999	4.7	13.5
6 30	16 50.28	−18 57.2	2.056	3.007	8.2	13.7
7 10	16 45.22	−18 34.3	2.132	3.016	11.4	14.0

281139 2007 DL_{7} 6 8.3 100°.29 0°.6/ 8.4 18

5 1	17 38.02	−23 49.4	1.862	2.679	15.2	20.8
5 11	17 32.64	−24 5.6	1.796	2.698	11.9	20.6
5 21	17 24.73	−24 19.8	1.752	2.718	8.0	20.5
5 31	17 15.02	−24 30.2	1.733	2.736	3.7	20.2
6 10	17 4.57	−24 36.2	1.740	2.755	1.0	20.1
6 20	16 54.48	−24 37.9	1.776	2.773	5.0	20.4
6 30	16 45.82	−24 37.1	1.837	2.791	9.0	20.7
7 10	16 39.36	−24 35.8	1.923	2.808	12.4	20.9

494356 2016 TQ_{89} 6 8.3 317°.94 4°.0/ 6.9 16

5 1	17 29.26	−14 9.7	2.091	2.915	13.5	21.1
5 11	17 25.64	−13 19.5	2.003	2.907	10.7	20.9
5 21	17 19.99	−12 30.7	1.937	2.898	7.7	20.7
5 31	17 12.86	−11 45.9	1.896	2.890	4.9	20.5
6 10	17 5.00	−11 8.0	1.882	2.882	4.2	20.4
6 20	16 57.27	−10 39.6	1.894	2.875	6.5	20.6
6 30	16 50.52	−10 22.3	1.932	2.867	9.7	20.8
7 10	16 45.42	−10 16.7	1.992	2.860	12.7	20.9

106211 2000 UR_{32} 6 8.3 98°.20 2°.8/ 7.7 18

5 1	17 36.48	−18 23.5	1.533	2.365	17.2	19.3
5 11	17 31.80	−17 47.3	1.468	2.378	13.4	19.1
5 21	17 24.33	−17 11.1	1.423	2.391	9.2	18.9
5 31	17 14.88	−16 36.7	1.402	2.404	4.8	18.6
6 10	17 4.61	−16 6.4	1.406	2.417	3.0	18.6
6 20	16 54.77	−15 42.7	1.436	2.429	6.7	18.8
6 30	16 46.54	−15 27.7	1.491	2.441	10.9	19.1
7 10	16 40.72	−15 22.6	1.568	2.453	14.7	19.3

40796 1999 TT_{36} 6 8.3 253°.43 2°.7/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.81	−13 54.3	2.057	2.870	14.1	19.3
5 11	17 30.15	−14 8.8	1.961	2.859	11.2	19.0
5 21	17 23.19	−14 29.3	1.886	2.848	7.8	18.8
5 31	17 14.43	−14 56.3	1.837	2.836	4.3	18.6
6 10	17 4.68	−15 29.5	1.816	2.825	2.8	18.4
6 20	16 54.91	−16 8.0	1.822	2.813	5.7	18.6
6 30	16 46.13	−16 51.1	1.855	2.801	9.4	18.8
7 10	16 39.15	−17 38.0	1.912	2.789	12.8	19.0

160177 2001 WA_{58} 6 8.3 344°.42 1°.2/ 8.0 17

5 1	17 27.15	−22 31.4	0.991	1.868	21.0	19.4
5 11	17 26.29	−22 8.3	0.920	1.857	16.6	19.1
5 21	17 21.66	−21 40.1	0.866	1.847	11.3	18.7
5 31	17 14.00	−21 8.0	0.831	1.838	5.3	18.4
6 10	17 4.76	−20 34.3	0.816	1.831	1.8	18.1
6 20	16 55.72	−20 2.7	0.823	1.825	7.8	18.4
6 30	16 48.68	−19 37.6	0.849	1.821	13.8	18.7
7 10	16 44.91	−19 22.5	0.893	1.818	19.1	19.0

336483 2008 VP_{53} 6 8.3 302°.55 1°.8/ 8.0 18

5 1	17 32.99	−18 36.3	1.657	2.491	16.0	20.6
5 11	17 29.65	−18 34.6	1.545	2.457	12.8	20.4
5 21	17 23.44	−18 34.8	1.452	2.422	8.9	20.0
5 31	17 14.78	−18 37.2	1.384	2.388	4.4	19.7
6 10	17 4.58	−18 42.2	1.340	2.353	2.1	19.4
6 20	16 54.05	−18 50.5	1.322	2.318	6.5	19.6
6 30	16 44.55	−19 2.9	1.328	2.284	11.4	19.8
7 10	16 37.30	−19 20.7	1.356	2.249	16.0	20.0

160913 2001 WH_{47} 6 8.3 251°.52 2°.0/ 8.7 17

5 1	17 38.27	−28 18.8	1.646	2.467	16.7	19.9
5 11	17 33.77	−28 20.3	1.549	2.452	13.3	19.7
5 21	17 26.12	−28 14.6	1.471	2.436	9.3	19.4
5 31	17 15.94	−27 59.4	1.418	2.419	4.8	19.1
6 10	17 4.36	−27 33.6	1.389	2.402	2.1	18.9
6 20	16 52.82	−26 58.4	1.387	2.385	6.1	19.1
6 30	16 42.75	−26 17.6	1.411	2.367	10.8	19.3
7 10	16 35.29	−25 36.5	1.456	2.349	15.1	19.5

58827 1998 HH_{15} 6 8.3 355°.54 1°.0/ 8.4 18

5 1	17 33.21	−24 10.9	2.230	3.045	13.1	18.7
5 11	17 28.77	−24 39.7	2.144	3.045	10.3	18.5
5 21	17 22.15	−25 7.6	2.080	3.045	7.0	18.3
5 31	17 13.89	−25 32.8	2.041	3.044	3.4	18.1
6 10	17 4.82	−25 54.1	2.030	3.044	1.2	17.9
6 20	16 55.83	−26 10.8	2.047	3.044	4.5	18.2
6 30	16 47.85	−26 23.6	2.092	3.044	8.1	18.4
7 10	16 41.65	−26 34.1	2.160	3.044	11.2	18.6

509707 2008 SX_{66} 6 8.3 269°.28 7°.9/10.0 18

5 1	17 40.73	−43 29.1	2.058	2.825	15.6	21.7
5 11	17 35.76	−44 13.1	1.954	2.804	13.4	21.5
5 21	17 27.51	−44 43.8	1.870	2.784	11.0	21.3
5 31	17 16.60	−44 55.1	1.809	2.762	8.8	21.1
6 10	17 4.23	−44 42.5	1.772	2.741	7.9	21.0
6 20	16 51.87	−44 4.8	1.760	2.719	8.9	21.0
6 30	16 41.05	−43 5.4	1.774	2.696	11.2	21.1
7 10	16 32.96	−41 51.3	1.810	2.674	14.0	21.2

157799 1995 SE_{13} 6 8.3 335°.61 1°.1/ 8.5 17

5 1	17 30.11	−25 14.3	1.404	2.253	17.6	19.7
5 11	17 27.69	−25 21.2	1.320	2.240	13.9	19.4
5 21	17 22.14	−25 24.0	1.254	2.227	9.6	19.2
5 31	17 14.11	−25 21.4	1.211	2.216	4.6	18.8
6 10	17 4.76	−25 12.7	1.191	2.205	1.4	18.6
6 20	16 55.48	−24 58.9	1.195	2.196	6.3	18.9
6 30	16 47.74	−24 42.5	1.222	2.187	11.3	19.1
7 10	16 42.64	−24 27.3	1.270	2.179	15.7	19.4

393933 2005 UW_{123} 6 8.3 279°.00 3°.7/ 8.7 18

5 1	17 34.73	−31 38.5	2.319	3.120	13.1	21.2
5 11	17 30.16	−32 27.3	2.225	3.112	10.5	21.0
5 21	17 23.23	−33 11.6	2.153	3.105	7.7	20.8
5 31	17 14.46	−33 48.1	2.107	3.097	4.9	20.6
6 10	17 4.70	−34 14.0	2.088	3.090	3.7	20.5
6 20	16 54.93	−34 28.4	2.097	3.083	5.6	20.6
6 30	16 46.19	−34 32.1	2.132	3.075	8.5	20.8
7 10	16 39.32	−34 27.9	2.192	3.068	11.4	20.9

183400 2002 XJ_{101} 6 8.3 276°.42 0°.2/ 8.3 18

5 1	17 35.06	−21 20.9	1.658	2.488	16.2	20.1
5 11	17 31.09	−21 35.7	1.564	2.474	12.8	19.9
5 21	17 24.23	−21 51.4	1.491	2.460	8.7	19.6
5 31	17 15.05	−22 6.7	1.441	2.446	4.1	19.3
6 10	17 4.58	−22 20.7	1.417	2.432	0.9	19.0
6 20	16 54.06	−22 33.2	1.420	2.418	5.9	19.3
6 30	16 44.83	−22 44.9	1.447	2.404	10.6	19.6
7 10	16 37.96	−22 57.4	1.497	2.390	14.7	19.8

320562 2008 AE_{74} 6 8.3 131°.40 0°.9/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.11	−21 13.9	1.778	2.599	15.6	21.6
5 11	17 32.07	−21 4.6	1.704	2.609	12.2	21.4
5 21	17 24.45	−20 54.0	1.652	2.619	8.2	21.2
5 31	17 14.96	−20 42.1	1.624	2.629	3.8	20.9
6 10	17 4.63	−20 29.3	1.623	2.638	1.2	20.7
6 20	16 54.63	−20 17.0	1.649	2.646	5.5	21.0
6 30	16 46.03	−20 7.1	1.702	2.654	9.6	21.3
7 10	16 39.65	−20 1.4	1.777	2.662	13.2	21.5

419630 2010 SK_{34} 6 8.3 188°.68 3°.0/ 8.9 17

5 1	17 39.45	−30 22.5	2.011	2.813	14.7	22.3
5 11	17 34.01	−30 46.4	1.922	2.813	11.8	22.1
5 21	17 25.88	−31 4.2	1.856	2.812	8.3	21.9
5 31	17 15.69	−31 12.6	1.814	2.810	4.8	21.6
6 10	17 4.47	−31 10.0	1.799	2.807	3.0	21.5
6 20	16 53.41	−30 56.5	1.812	2.804	5.6	21.7
6 30	16 43.68	−30 34.5	1.852	2.800	9.2	21.9
7 10	16 36.20	−30 8.0	1.915	2.796	12.6	22.1

470766 2008 UG_{209} 6 8.3 285°.42 1°.2/ 7.9 18

5 1	17 32.63	−21 29.5	1.827	2.655	15.0	21.7
5 11	17 28.79	−21 4.8	1.732	2.641	11.8	21.4
5 21	17 22.42	−20 37.1	1.658	2.628	8.0	21.2
5 31	17 14.11	−20 7.0	1.609	2.614	3.8	20.9
6 10	17 4.79	−19 36.1	1.586	2.600	1.5	20.7
6 20	16 55.55	−19 6.5	1.590	2.586	5.6	20.9
6 30	16 47.50	−18 40.8	1.619	2.573	9.9	21.1
7 10	16 41.51	−18 21.6	1.671	2.559	13.7	21.3

198589 2004 YQ_{33} 6 8.3 171°.69 4°.4/ 7.3 18

5 1	17 33.11	− 8 38.9	2.661	3.454	11.8	21.7
5 11	17 28.05	− 8 15.4	2.577	3.458	9.5	21.6
5 21	17 21.33	− 7 57.5	2.517	3.462	7.1	21.4
5 31	17 13.42	− 7 47.0	2.483	3.465	5.0	21.3
6 10	17 4.96	− 7 45.3	2.477	3.467	4.5	21.3
6 20	16 56.64	− 7 53.2	2.500	3.468	6.0	21.4
6 30	16 49.13	− 8 10.5	2.550	3.469	8.4	21.5
7 10	16 43.00	− 8 36.5	2.625	3.469	10.8	21.7

87531 2000 QJ_{200} 6 8.3 325°.22 11°.1/10.2 18

5 1	17 38.16	−45 49.2	1.537	2.324	19.2	19.2
5 11	17 34.96	−47 4.6	1.455	2.312	16.8	19.0
5 21	17 27.64	−48 3.7	1.390	2.301	14.2	18.8
5 31	17 16.87	−48 37.2	1.345	2.290	12.1	18.7
6 10	17 4.20	−48 38.1	1.322	2.280	11.1	18.6
6 20	16 51.66	−48 4.5	1.320	2.270	12.0	18.6
6 30	16 41.32	−47 0.8	1.340	2.261	14.2	18.7
7 10	16 34.61	−45 36.9	1.380	2.252	17.0	18.9

20184 1997 AM_{4} 6 8.3 341°.63 8°.9/ 7.5 18

5 1	17 29.77	− 3 3.8	1.500	2.324	17.9	17.6
5 11	17 26.81	− 2 27.6	1.424	2.315	15.0	17.4
5 21	17 21.22	− 2 5.9	1.366	2.307	12.0	17.2
5 31	17 13.59	− 2 3.9	1.329	2.300	9.6	17.1
6 10	17 4.92	− 2 25.1	1.316	2.294	9.0	17.0
6 20	16 56.36	− 3 9.9	1.325	2.288	10.7	17.1
6 30	16 49.08	− 4 16.2	1.357	2.283	13.7	17.2
7 10	16 43.98	− 5 39.4	1.409	2.279	16.9	17.4

86341 1999 XH_{54} 6 8.3 211°.62 0°.6/ 8.1 18

5 1	17 30.88	−21 6.0	2.931	3.737	10.5	20.8
5 11	17 26.36	−21 0.7	2.834	3.731	8.2	20.6
5 21	17 20.24	−20 54.4	2.761	3.725	5.5	20.4
5 31	17 12.94	−20 47.4	2.715	3.718	2.6	20.2
6 10	17 5.09	−20 39.8	2.697	3.712	0.8	20.0
6 20	16 57.30	−20 32.3	2.709	3.705	3.7	20.3
6 30	16 50.25	−20 25.9	2.750	3.697	6.6	20.4
7 10	16 44.47	−20 21.7	2.815	3.689	9.2	20.6

295489 2008 RO_{17} 6 8.3 191°.07 1°.8/ 7.8 18

5 1	17 33.95	−18 24.1	2.493	3.300	12.1	22.0
5 11	17 28.94	−18 2.2	2.402	3.299	9.5	21.8
5 21	17 22.05	−17 40.1	2.334	3.297	6.5	21.6
5 31	17 13.80	−17 18.6	2.292	3.294	3.3	21.4
6 10	17 4.91	−16 58.8	2.279	3.290	2.0	21.3
6 20	16 56.15	−16 41.9	2.295	3.286	4.7	21.5
6 30	16 48.30	−16 29.4	2.339	3.282	7.9	21.7
7 10	16 41.99	−16 22.3	2.408	3.277	10.8	21.9

338258 2002 TB_{232} 6 8.3 219°.30 4°.6/ 9.7 18

5 1	17 37.97	−38 45.6	2.798	3.565	11.9	21.9
5 11	17 32.31	−39 5.2	2.695	3.554	9.9	21.7
5 21	17 24.46	−39 15.2	2.615	3.543	7.6	21.6
5 31	17 14.97	−39 12.7	2.560	3.532	5.5	21.4
6 10	17 4.67	−38 55.9	2.533	3.520	4.6	21.3
6 20	16 54.48	−38 25.3	2.534	3.507	5.6	21.4
6 30	16 45.33	−37 43.0	2.562	3.494	7.8	21.5
7 10	16 37.97	−36 53.2	2.616	3.480	10.2	21.7

69809 1998 RM_{33} 6 8.3 322°.19 2°.6/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.63	−27 37.0	1.642	2.474	16.2	18.5
5 11	17 29.35	−28 7.3	1.551	2.460	12.9	18.3
5 21	17 23.14	−28 34.0	1.481	2.448	9.1	18.0
5 31	17 14.58	−28 54.1	1.434	2.435	4.9	17.7
6 10	17 4.73	−29 5.5	1.412	2.423	2.7	17.6
6 20	16 54.89	−29 7.4	1.415	2.412	6.1	17.7
6 30	16 46.40	−29 1.7	1.443	2.401	10.4	18.0
7 10	16 40.36	−28 51.8	1.492	2.391	14.4	18.2

179324 2001 WS_{46} 6 8.3 105°.21 0°.9/ 8.5 17

5 1	17 34.36	−25 19.5	2.580	3.383	11.8	21.5
5 11	17 29.15	−25 32.9	2.508	3.403	9.2	21.4
5 21	17 22.12	−25 43.6	2.460	3.422	6.2	21.2
5 31	17 13.80	−25 50.5	2.439	3.441	3.0	21.0
6 10	17 4.95	−25 53.1	2.446	3.460	1.0	20.9
6 20	16 56.34	−25 51.7	2.482	3.478	3.9	21.1
6 30	16 48.72	−25 47.6	2.546	3.496	7.0	21.4
7 10	16 42.68	−25 42.5	2.635	3.513	9.7	21.6

275226 2009 WQ_{215} 6 8.3 177°.77 1°.0/ 8.2 18

5 1	17 36.46	−18 33.4	2.078	2.890	14.0	21.4
5 11	17 31.36	−18 53.5	1.992	2.892	11.0	21.2
5 21	17 23.95	−19 16.1	1.928	2.893	7.4	21.0
5 31	17 14.78	−19 40.6	1.890	2.893	3.5	20.7
6 10	17 4.74	−20 6.0	1.880	2.894	1.2	20.6
6 20	16 54.79	−20 31.7	1.898	2.893	5.0	20.8
6 30	16 45.94	−20 57.7	1.943	2.893	8.8	21.0
7 10	16 38.98	−21 24.5	2.012	2.892	12.1	21.3

276604 2003 UH_{21} 6 8.3 320°.38 0°.1/ 8.3 18

5 1	17 30.82	−20 35.2	1.466	2.312	17.1	19.8
5 11	17 28.36	−21 0.8	1.363	2.282	13.6	19.5
5 21	17 22.80	−21 30.0	1.279	2.253	9.4	19.1
5 31	17 14.59	−22 1.8	1.218	2.224	4.5	18.8
6 10	17 4.72	−22 34.6	1.181	2.195	1.0	18.4
6 20	16 54.51	−23 6.9	1.168	2.168	6.5	18.7
6 30	16 45.51	−23 38.5	1.178	2.141	11.8	18.9
7 10	16 39.03	−24 10.1	1.209	2.116	16.6	19.1

443754 2015 MK_{8} 6 8.3 304°.74 2°.2/ 9.2 18

5 1	17 33.46	−31 46.7	2.211	3.017	13.5	20.5
5 11	17 29.03	−31 23.1	2.117	3.010	10.7	20.3
5 21	17 22.33	−30 49.7	2.044	3.002	7.6	20.1
5 31	17 13.99	−30 5.5	1.997	2.995	4.2	19.9
6 10	17 4.91	−29 11.3	1.978	2.989	2.2	19.7
6 20	16 56.06	−28 9.3	1.986	2.982	4.8	19.9
6 30	16 48.39	−27 3.6	2.021	2.975	8.2	20.1
7 10	16 42.63	−25 58.8	2.081	2.969	11.5	20.3

328140 2008 BS_{38} 6 8.3 114°.15 1°.3/ 8.0 16

5 1	17 37.00	−20 22.7	1.736	2.559	15.8	22.4
5 11	17 32.00	−20 9.0	1.667	2.573	12.4	22.2
5 21	17 24.41	−19 54.6	1.618	2.586	8.3	22.0
5 31	17 14.96	−19 39.7	1.595	2.599	4.0	21.8
6 10	17 4.73	−19 25.2	1.597	2.611	1.6	21.6
6 20	16 54.86	−19 12.4	1.627	2.623	5.6	21.9
6 30	16 46.44	−19 3.3	1.683	2.634	9.7	22.2
7 10	16 40.25	−18 59.5	1.761	2.646	13.3	22.4

254401 2004 TQ_{252} 6 8.3 326°.46 3°.9/ 7.1 17

5 1	17 29.15	−13 26.1	2.248	3.067	12.8	21.0
5 11	17 25.40	−12 42.9	2.163	3.063	10.2	20.9
5 21	17 19.78	−12 2.0	2.100	3.059	7.3	20.7
5 31	17 12.79	−11 25.8	2.062	3.055	4.7	20.5
6 10	17 5.17	−10 56.6	2.051	3.051	4.0	20.5
6 20	16 57.68	−10 36.3	2.068	3.047	6.2	20.6
6 30	16 51.10	−10 26.3	2.110	3.044	9.1	20.7
7 10	16 46.07	−10 26.7	2.175	3.041	11.9	20.9

521595 2015 PD_{317} 6 8.3 342°.83 1°.6/ 8.7 18

5 1	17 30.32	−27 54.8	1.941	2.767	14.3	20.7
5 11	17 26.91	−27 52.0	1.853	2.759	11.3	20.4
5 21	17 21.10	−27 43.0	1.786	2.752	7.8	20.2
5 31	17 13.49	−27 26.9	1.744	2.746	4.0	20.0
6 10	17 5.02	−27 3.6	1.727	2.741	1.7	19.8
6 20	16 56.69	−26 34.6	1.737	2.735	5.0	20.0
6 30	16 49.56	−26 2.5	1.773	2.731	8.9	20.2
7 10	16 44.42	−25 30.8	1.832	2.727	12.4	20.4

87568 2000 RW_{11} 6 8.3 249°.09 1°.3/ 7.9 18

5 1	17 34.46	−20 20.9	2.182	2.997	13.3	19.9
5 11	17 29.82	−20 1.8	2.078	2.979	10.5	19.6
5 21	17 22.95	−19 40.9	1.996	2.961	7.2	19.4
5 31	17 14.35	−19 19.0	1.940	2.943	3.5	19.1
6 10	17 4.83	−18 56.8	1.911	2.924	1.6	18.9
6 20	16 55.32	−18 36.0	1.910	2.905	5.1	19.1
6 30	16 46.78	−18 18.4	1.937	2.885	8.9	19.3
7 10	16 40.00	−18 6.0	1.987	2.864	12.4	19.5

49666 1999 NZ_{57} 6 8.3 103°.70 2°.6/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 44.26	−27 9.1	1.086	1.929	22.0	18.1
5 11	17 38.90	−25 1.8	1.021	1.938	17.3	17.8
5 21	17 29.55	−22 34.5	0.975	1.948	11.6	17.5
5 31	17 17.39	−19 52.7	0.951	1.957	5.5	17.2
6 10	17 4.27	−17 7.6	0.953	1.965	3.2	17.1
6 20	16 52.11	−14 33.3	0.980	1.974	8.8	17.4
6 30	16 42.52	−12 22.4	1.031	1.982	14.5	17.8
7 10	16 36.42	−10 41.5	1.102	1.990	19.3	18.1

380947 2006 KL_{33} 6 8.3 170°.37 0°.8/ 8.4 18

5 1	17 35.77	−24 11.8	2.326	3.133	12.8	21.3
5 11	17 30.64	−24 35.1	2.239	3.136	10.1	21.1
5 21	17 23.37	−24 56.9	2.175	3.138	6.8	20.9
5 31	17 14.49	−25 15.7	2.137	3.140	3.3	20.7
6 10	17 4.82	−25 30.5	2.128	3.142	1.0	20.5
6 20	16 55.27	−25 40.9	2.147	3.143	4.4	20.7
6 30	16 46.74	−25 47.8	2.194	3.144	7.9	21.0
7 10	16 39.97	−25 52.9	2.265	3.145	11.0	21.1

115338 2003 SH_{226} 6 8.3 247°.31 2°.6/ 8.8 18

5 1	17 35.11	−29 21.2	2.039	2.850	14.2	20.2
5 11	17 30.63	−29 43.9	1.948	2.844	11.3	20.0
5 21	17 23.64	−30 1.4	1.879	2.838	8.0	19.8
5 31	17 14.70	−30 11.2	1.834	2.832	4.5	19.6
6 10	17 4.78	−30 11.7	1.816	2.826	2.7	19.4
6 20	16 54.94	−30 3.0	1.825	2.819	5.3	19.6
6 30	16 46.31	−29 47.0	1.861	2.813	8.9	19.8
7 10	16 39.74	−29 27.2	1.920	2.806	12.3	20.0

157779 7582 P–L 6 8.3 280°.12 8°.0/ 8.6 18

5 1	17 40.18	−38 59.8	1.809	2.601	16.5	19.8
5 11	17 35.81	−40 20.3	1.710	2.581	14.0	19.6
5 21	17 27.93	−41 33.2	1.631	2.561	11.2	19.4
5 31	17 17.03	−42 30.9	1.575	2.541	8.8	19.2
6 10	17 4.25	−43 6.8	1.544	2.521	8.0	19.1
6 20	16 51.18	−43 17.5	1.537	2.501	9.4	19.1
6 30	16 39.56	−43 4.5	1.554	2.480	12.3	19.3
7 10	16 30.84	−42 33.7	1.593	2.460	15.4	19.4

506426 2000 QH_{34} 6 8.3 278°.01 8°.2/ 9.5 18

5 1	17 41.01	−42 10.1	1.946	2.721	16.1	21.4
5 11	17 36.33	−43 6.3	1.838	2.695	13.8	21.2
5 21	17 28.17	−43 51.2	1.749	2.668	11.3	20.9
5 31	17 17.09	−44 17.8	1.683	2.641	9.1	20.7
6 10	17 4.25	−44 20.3	1.642	2.613	8.2	20.6
6 20	16 51.21	−43 56.7	1.625	2.585	9.3	20.6
6 30	16 39.67	−43 9.5	1.633	2.557	11.9	20.7
7 10	16 30.96	−42 5.6	1.663	2.528	15.0	20.9

148151 1999 XE_{119} 6 8.3 264°.12 2°.8/ 8.7 17

5 1	17 38.01	−28 39.3	1.758	2.574	16.0	21.0
5 11	17 33.58	−29 7.2	1.655	2.554	12.8	20.8
5 21	17 26.07	−29 30.8	1.572	2.534	9.1	20.5
5 31	17 16.02	−29 46.6	1.513	2.513	5.0	20.2
6 10	17 4.49	−29 52.2	1.480	2.491	2.9	20.0
6 20	16 52.81	−29 46.5	1.474	2.469	6.2	20.2
6 30	16 42.42	−29 31.8	1.493	2.446	10.6	20.4
7 10	16 34.51	−29 12.0	1.534	2.423	14.7	20.6

215231 2001 AX_{11} 6 8.3 122°.32 1°.1/ 8.1 17

5 1	17 37.78	−20 55.9	1.723	2.546	16.0	21.1
5 11	17 32.64	−20 42.1	1.653	2.559	12.5	20.9
5 21	17 24.87	−20 27.0	1.604	2.572	8.4	20.7
5 31	17 15.21	−20 10.8	1.580	2.584	4.0	20.4
6 10	17 4.73	−19 54.3	1.582	2.596	1.4	20.3
6 20	16 54.62	−19 39.0	1.611	2.607	5.6	20.6
6 30	16 45.99	−19 26.9	1.665	2.618	9.8	20.8
7 10	16 39.64	−19 20.0	1.743	2.628	13.4	21.1

521210 2015 FG_{414} 6 8.3 61°.29 6°.9/ 6.1 17

5 1	17 30.79	− 7 19.2	1.953	2.767	14.7	21.3
5 11	17 26.79	− 6 4.5	1.885	2.775	12.0	21.1
5 21	17 20.74	− 4 56.2	1.839	2.782	9.3	21.0
5 31	17 13.24	− 3 59.1	1.817	2.789	7.3	20.9
6 10	17 5.13	− 3 17.1	1.820	2.796	7.1	20.9
6 20	16 57.27	− 2 52.7	1.849	2.804	8.8	21.0
6 30	16 50.51	− 2 46.5	1.902	2.812	11.3	21.1
7 10	16 45.49	− 2 57.4	1.977	2.819	13.9	21.3

388659 2007 TZ_{287} 6 8.3 256°.31 0°.3/ 8.3 18

5 1	17 34.38	−20 57.9	2.203	3.017	13.2	21.0
5 11	17 29.82	−21 15.3	2.102	3.003	10.4	20.8
5 21	17 23.00	−21 33.5	2.022	2.988	7.1	20.5
5 31	17 14.42	−21 51.7	1.969	2.973	3.3	20.3
6 10	17 4.86	−22 9.0	1.943	2.958	0.7	20.0
6 20	16 55.27	−22 25.2	1.945	2.942	4.7	20.3
6 30	16 46.61	−22 40.6	1.975	2.926	8.5	20.5
7 10	16 39.70	−22 56.3	2.028	2.910	12.0	20.7

393279 2013 XA_{10} 6 8.3 293°.93 4°.2/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.73	−15 20.9	1.692	2.523	15.8	19.9
5 11	17 29.24	−14 37.2	1.584	2.493	12.8	19.6
5 21	17 23.03	−13 53.5	1.496	2.462	9.1	19.3
5 31	17 14.58	−13 12.5	1.432	2.430	5.5	19.1
6 10	17 4.81	−12 37.4	1.393	2.399	4.5	18.9
6 20	16 54.86	−12 11.4	1.380	2.367	7.7	19.0
6 30	16 45.97	−11 57.3	1.391	2.335	12.0	19.2
7 10	16 39.21	−11 56.6	1.424	2.303	16.2	19.4

197158 2003 UF_{273} 6 8.3 201°.59 0°.2/ 8.3 18

5 1	17 34.94	−22 29.2	2.344	3.153	12.7	20.5
5 11	17 30.02	−22 47.8	2.251	3.150	10.0	20.3
5 21	17 22.98	−23 5.9	2.182	3.146	6.7	20.1
5 31	17 14.35	−23 22.5	2.138	3.142	3.2	19.9
6 10	17 4.90	−23 36.6	2.123	3.138	0.7	19.6
6 20	16 55.51	−23 48.2	2.137	3.133	4.4	19.9
6 30	16 47.09	−23 57.9	2.178	3.128	7.9	20.1
7 10	16 40.36	−24 6.9	2.243	3.123	11.1	20.3

247375 2001 XJ_{169} 6 8.3 165°.53 0°.3/ 8.4 17

5 1	17 36.53	−25 54.1	2.128	2.938	13.8	21.3
5 11	17 31.30	−25 28.0	2.044	2.942	10.8	21.1
5 21	17 23.80	−24 56.1	1.982	2.946	7.3	20.9
5 31	17 14.68	−24 18.3	1.945	2.949	3.4	20.6
6 10	17 4.85	−23 35.6	1.937	2.952	0.7	20.4
6 20	16 55.30	−22 50.5	1.957	2.954	4.7	20.7
6 30	16 46.97	−22 6.1	2.005	2.956	8.4	20.9
7 10	16 40.58	−21 25.6	2.076	2.957	11.8	21.2

436222 2010 AV_{16} 6 8.3 183°.37 1°.5/ 8.6 17

5 1	17 36.02	−26 16.5	2.060	2.872	14.1	22.3
5 11	17 31.18	−26 34.2	1.973	2.872	11.1	22.1
5 21	17 23.92	−26 48.6	1.909	2.872	7.6	21.8
5 31	17 14.82	−26 57.8	1.870	2.872	3.8	21.6
6 10	17 4.82	−27 0.7	1.858	2.871	1.6	21.4
6 20	16 54.96	−26 57.5	1.874	2.870	4.9	21.7
6 30	16 46.28	−26 49.7	1.916	2.869	8.7	21.9
7 10	16 39.62	−26 40.2	1.983	2.868	12.1	22.1

262178 2006 SF_{121} 6 8.3 248°.87 2°.9/ 7.9 18

5 1	17 35.43	−15 46.0	1.767	2.590	15.6	21.1
5 11	17 31.07	−15 38.0	1.673	2.578	12.4	20.8
5 21	17 24.06	−15 33.5	1.601	2.566	8.6	20.6
5 31	17 14.98	−15 33.5	1.552	2.553	4.7	20.3
6 10	17 4.77	−15 38.8	1.530	2.540	3.0	20.2
6 20	16 54.55	−15 50.2	1.534	2.526	6.4	20.3
6 30	16 45.52	−16 7.9	1.564	2.512	10.6	20.5
7 10	16 38.61	−16 32.4	1.616	2.498	14.5	20.7

402345 2005 UB_{511} 6 8.3 279°.09 0°.2/ 8.3 16

5 1	17 35.86	−22 50.5	1.346	2.189	18.5	21.8
5 11	17 32.48	−22 47.8	1.255	2.172	14.7	21.5
5 21	17 25.64	−22 42.5	1.182	2.154	10.1	21.2
5 31	17 15.92	−22 33.9	1.131	2.136	4.8	20.8
6 10	17 4.56	−22 21.5	1.104	2.118	1.0	20.5
6 20	16 53.10	−22 6.7	1.101	2.100	6.9	20.8
6 30	16 43.24	−21 52.3	1.121	2.082	12.4	21.1
7 10	16 36.27	−21 41.9	1.162	2.064	17.4	21.3

368374 2002 RZ_{23} 6 8.3 278°.69 1°.0/ 8.1 18

5 1	17 34.90	−21 30.2	1.656	2.487	16.2	21.4
5 11	17 31.05	−21 15.7	1.554	2.464	12.8	21.2
5 21	17 24.30	−20 58.9	1.472	2.442	8.8	20.9
5 31	17 15.19	−20 39.8	1.414	2.419	4.2	20.5
6 10	17 4.72	−20 19.1	1.381	2.395	1.4	20.3
6 20	16 54.14	−19 58.5	1.374	2.372	6.2	20.5
6 30	16 44.81	−19 40.7	1.392	2.348	11.0	20.8
7 10	16 37.81	−19 28.3	1.432	2.324	15.4	21.0

203989 2003 SV_{302} 6 8.3 266°.01 0°.7/ 8.5 18

5 1	17 33.78	−25 22.4	1.967	2.787	14.4	20.9
5 11	17 29.58	−25 20.9	1.874	2.778	11.3	20.7
5 21	17 22.92	−25 15.4	1.803	2.769	7.7	20.4
5 31	17 14.39	−25 5.0	1.757	2.761	3.7	20.2
6 10	17 4.91	−24 49.4	1.737	2.752	1.0	19.9
6 20	16 55.52	−24 29.8	1.744	2.742	5.0	20.2
6 30	16 47.31	−24 8.4	1.778	2.733	9.0	20.4
7 10	16 41.11	−23 48.2	1.835	2.724	12.7	20.6

471025 2009 SN_{300} 6 8.3 77°.67 14°.2/ 4.2 17

5 1	17 33.51	+ 9 22.6	1.713	2.475	18.4	21.1
5 11	17 29.03	+11 33.1	1.674	2.495	16.6	21.0
5 21	17 22.27	+13 22.2	1.655	2.514	15.1	20.9
5 31	17 13.94	+14 41.6	1.656	2.533	14.3	20.9
6 10	17 5.03	+15 26.0	1.678	2.552	14.3	21.0
6 20	16 56.53	+15 34.3	1.720	2.571	15.2	21.1
6 30	16 49.36	+15 8.9	1.782	2.589	16.5	21.2
7 10	16 44.20	+14 15.3	1.860	2.608	18.0	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
438795 2008 XU_{29}			6 8.3 165°.75	0°.8/ 8.1 17		
	h m	° ′			°	m
5 1	17 34.17	−21 50.6	2.493	3.301	12.1	22.2
5 11	17 29.10	−21 29.1	2.408	3.305	9.4	22.0
5 21	17 22.16	−21 5.2	2.345	3.310	6.3	21.8
5 31	17 13.89	−20 39.5	2.310	3.313	3.0	21.6
6 10	17 5.03	−20 12.8	2.303	3.317	1.0	21.5
6 20	16 56.37	−19 46.6	2.325	3.320	4.3	21.7
6 30	16 48.67	−19 22.9	2.374	3.322	7.5	21.9
7 10	16 42.56	−19 3.2	2.449	3.323	10.4	22.1
426485 2013 RU_{18}			6 8.3 326°.37	3°.1/ 7.8 17		
5 1	17 29.59	−17 51.6	1.254	2.112	18.7	20.5
5 11	17 27.51	−17 27.7	1.170	2.095	14.9	20.2
5 21	17 22.21	−17 4.7	1.104	2.079	10.3	19.9
5 31	17 14.28	−16 44.7	1.060	2.064	5.5	19.5
6 10	17 4.91	−16 29.9	1.038	2.049	3.4	19.4
6 20	16 55.55	−16 22.6	1.039	2.036	7.7	19.6
6 30	16 47.73	−16 24.9	1.062	2.023	12.9	19.8
7 10	16 42.65	−16 37.7	1.104	2.012	17.7	20.1
242674 2005 SO_{146}			6 8.3 293°.91	3°.9/ 8.9 18		R
5 1	17 34.30	−33 0.1	2.260	3.060	13.4	20.1
5 11	17 29.88	−33 38.7	2.170	3.056	10.8	19.9
5 21	17 23.09	−34 11.0	2.101	3.051	7.9	19.7
5 31	17 14.47	−34 33.8	2.057	3.046	5.2	19.5
6 10	17 4.91	−34 44.9	2.041	3.041	3.9	19.4
6 20	16 55.42	−34 44.0	2.051	3.037	5.7	19.5
6 30	16 47.03	−34 32.4	2.088	3.032	8.6	19.7
7 10	16 40.58	−34 13.7	2.148	3.028	11.5	19.9
31022 1996 FJ_{9}			6 8.3 325°.26	2°.3/ 7.9 18		
5 1	17 32.86	−19 35.1	1.257	2.110	19.0	17.5
5 11	17 29.99	−19 12.5	1.180	2.102	15.0	17.2
5 21	17 23.80	−18 49.1	1.121	2.095	10.3	16.9
5 31	17 14.98	−18 26.2	1.084	2.089	5.1	16.6
6 10	17 4.81	−18 5.9	1.069	2.082	2.6	16.4
6 20	16 54.81	−17 50.4	1.079	2.077	7.3	16.7
6 30	16 46.50	−17 42.2	1.110	2.071	12.6	17.0
7 10	16 41.02	−17 43.2	1.162	2.067	17.2	17.2
64941 2001 YJ_{118}			6 8.3 13°.69	4°.4/ 9.6 18		R
5 1	17 32.90	−34 57.6	1.857	2.669	15.4	18.2
5 11	17 29.14	−35 9.9	1.780	2.672	12.5	18.0
5 21	17 22.69	−35 11.2	1.724	2.676	9.2	17.8
5 31	17 14.28	−34 58.7	1.691	2.680	6.0	17.7
6 10	17 4.98	−34 31.5	1.683	2.685	4.4	17.6
6 20	16 56.00	−33 51.0	1.701	2.690	6.2	17.7
6 30	16 48.47	−33 1.1	1.744	2.696	9.4	17.9
7 10	16 43.24	−32 7.0	1.810	2.703	12.6	18.1
7701 Zrzavý			6 8.3 261°.12	1°.5/ 8.6 18		
5 1	17 35.56	−26 51.9	2.185	2.994	13.5	19.5
5 11	17 30.92	−27 3.9	2.077	2.974	10.7	19.2
5 21	17 23.86	−27 12.2	1.991	2.953	7.4	19.0
5 31	17 14.88	−27 15.0	1.930	2.931	3.8	18.7
6 10	17 4.83	−27 11.1	1.896	2.910	1.6	18.5
6 20	16 54.71	−27 0.8	1.891	2.887	4.9	18.7
6 30	16 45.60	−26 45.8	1.912	2.864	8.7	18.9
7 10	16 38.37	−26 28.8	1.958	2.841	12.3	19.1
398694 2012 WZ_{28}			6 8.3 187°.07	1°.3/ 8.7 18		
5 1	17 34.03	−28 11.5	2.313	3.120	12.9	21.2
5 11	17 29.31	−28 0.6	2.224	3.120	10.2	21.1
5 21	17 22.47	−27 43.6	2.158	3.120	7.0	20.9
5 31	17 14.09	−27 19.6	2.118	3.119	3.5	20.6
6 10	17 5.02	−26 49.0	2.105	3.118	1.4	20.5
6 20	16 56.15	−26 13.4	2.120	3.117	4.4	20.7
6 30	16 48.36	−25 35.4	2.163	3.116	7.8	20.9
7 10	16 42.36	−24 58.2	2.231	3.114	10.9	21.1
66068 1998 RG_{26}			6 8.3 338°.77	7°.7/ 9.4 18		
5 1	17 37.26	−39 27.1	1.750	2.548	16.8	17.7
5 11	17 33.29	−40 35.0	1.669	2.543	14.1	17.5
5 21	17 25.99	−41 32.2	1.607	2.539	11.2	17.3
5 31	17 16.01	−42 11.9	1.568	2.535	8.7	17.2
6 10	17 4.60	−42 29.3	1.553	2.532	7.7	17.1
6 20	16 53.28	−42 22.9	1.562	2.529	9.0	17.2
6 30	16 43.62	−41 55.6	1.595	2.526	11.6	17.3
7 10	16 36.80	−41 13.8	1.649	2.524	14.6	17.5
280333 2003 SD_{80}			6 8.3 252°.07	1°.3/ 8.7 18		
5 1	17 35.09	−28 15.5	2.090	2.901	13.9	20.7
5 11	17 30.49	−27 58.2	1.992	2.890	11.1	20.5
5 21	17 23.47	−27 33.6	1.915	2.878	7.6	20.3
5 31	17 14.64	−27 0.6	1.863	2.865	3.8	20.0
6 10	17 4.90	−26 19.8	1.839	2.853	1.4	19.8
6 20	16 55.30	−25 33.1	1.842	2.840	4.9	20.0
6 30	16 46.86	−24 44.1	1.873	2.827	8.8	20.2
7 10	16 40.41	−23 56.6	1.927	2.813	12.3	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
142132 2002 RW_{13}			6 8.3 286°.97	4°.7/ 7.4 18		
	h m	° ′			°	m
5 1	17 32.92	−13 50.5	1.558	2.393	16.8	20.0
5 11	17 29.43	−13 14.7	1.467	2.377	13.5	19.7
5 21	17 23.14	−12 42.1	1.396	2.360	9.7	19.4
5 31	17 14.63	−12 15.7	1.347	2.344	6.0	19.2
6 10	17 4.89	−11 58.4	1.323	2.328	4.9	19.1
6 20	16 55.14	−11 52.6	1.324	2.311	7.9	19.2
6 30	16 46.66	−11 59.6	1.349	2.295	12.2	19.4
7 10	16 40.47	−12 19.3	1.395	2.279	16.2	19.6
338534 2003 RJ_{23}			6 8.3 204°.17	2°.5/ 7.5 18		
5 1	17 33.35	−16 17.0	2.653	3.457	11.5	21.7
5 11	17 28.39	−15 44.5	2.557	3.451	9.1	21.5
5 21	17 21.68	−15 12.3	2.485	3.445	6.3	21.3
5 31	17 13.70	−14 41.9	2.440	3.438	3.6	21.2
6 10	17 5.10	−14 14.7	2.424	3.430	2.6	21.1
6 20	16 56.61	−13 52.3	2.436	3.422	4.9	21.2
6 30	16 48.94	−13 36.1	2.477	3.413	7.8	21.4
7 10	16 42.68	−13 27.0	2.542	3.403	10.6	21.6
367074 2006 PA_{21}			6 8.3 295°.94	4°.9/ 7.4 17		
5 1	17 32.94	−14 3.5	1.462	2.301	17.5	21.1
5 11	17 29.86	−13 28.8	1.360	2.272	14.2	20.8
5 21	17 23.73	−12 56.9	1.277	2.243	10.2	20.4
5 31	17 15.04	−12 31.0	1.216	2.214	6.3	20.1
6 10	17 4.78	−12 14.2	1.179	2.185	5.1	20.0
6 20	16 54.27	−12 9.4	1.167	2.155	8.5	20.1
6 30	16 44.97	−12 18.5	1.177	2.126	13.2	20.3
7 10	16 38.11	−12 41.6	1.208	2.097	17.8	20.4
394196 2006 SH_{66}			6 8.3 219°.04	0°.5/ 8.2 18		
5 1	17 32.51	−21 56.3	2.410	3.222	12.3	21.6
5 11	17 28.03	−21 48.1	2.317	3.217	9.6	21.4
5 21	17 21.59	−21 38.2	2.246	3.212	6.5	21.2
5 31	17 13.71	−21 26.7	2.202	3.206	3.0	21.0
6 10	17 5.12	−21 13.9	2.186	3.200	0.8	20.8
6 20	16 56.64	−21 0.8	2.198	3.194	4.3	21.0
6 30	16 49.08	−20 48.9	2.238	3.188	7.7	21.2
7 10	16 43.10	−20 39.7	2.302	3.182	10.8	21.4
284828 2009 AQ_{47}			6 8.3 310°.05	1°.5/ 8.7 18		
5 1	17 33.18	−27 44.2	1.919	2.740	14.6	20.8
5 11	17 29.18	−27 40.4	1.831	2.734	11.6	20.6
5 21	17 22.68	−27 30.4	1.764	2.729	8.0	20.4
5 31	17 14.30	−27 13.0	1.721	2.724	4.0	20.1
6 10	17 5.00	−26 48.3	1.705	2.718	1.6	19.9
6 20	16 55.88	−26 17.7	1.715	2.713	5.1	20.2
6 30	16 48.00	−25 44.0	1.752	2.709	9.1	20.4
7 10	16 42.20	−25 11.0	1.812	2.704	12.6	20.6
471781 2012 UX_{171}			6 8.3 304°.83	5°.6/ 8.8 16		
5 1	17 35.27	−33 52.7	1.709	2.525	16.4	21.8
5 11	17 31.83	−34 46.4	1.607	2.500	13.5	21.5
5 21	17 25.15	−35 33.9	1.524	2.475	10.2	21.2
5 31	17 15.74	−36 10.1	1.463	2.451	7.0	21.0
6 10	17 4.67	−36 30.0	1.428	2.426	5.7	20.9
6 20	16 53.35	−36 31.7	1.417	2.402	7.8	20.9
6 30	16 43.38	−36 16.6	1.431	2.378	11.5	21.1
7 10	16 36.04	−35 49.7	1.466	2.355	15.3	21.2
115808 2003 UL_{238}			6 8.3 276°.61	2°.5/ 7.6 18		
5 1	17 28.99	−15 48.2	2.634	3.447	11.3	19.8
5 11	17 25.04	−15 24.0	2.544	3.444	8.9	19.6
5 21	17 19.45	−15 1.2	2.478	3.440	6.2	19.4
5 31	17 12.68	−14 41.0	2.438	3.436	3.5	19.3
6 10	17 5.35	−14 24.7	2.426	3.433	2.6	19.2
6 20	16 58.12	−14 13.4	2.442	3.429	4.8	19.3
6 30	16 51.67	−14 8.2	2.485	3.426	7.6	19.5
7 10	16 46.56	−14 9.4	2.553	3.422	10.2	19.7
370919 2005 LS_{14}			6 8.3 305°.60	3°.9/ 7.8 17		
5 1	17 31.92	−15 11.0	1.415	2.259	17.7	20.9
5 11	17 29.11	−14 53.3	1.319	2.235	14.2	20.7
5 21	17 23.23	−14 39.6	1.242	2.212	10.1	20.3
5 31	17 14.81	−14 32.2	1.187	2.188	5.7	20.0
6 10	17 4.87	−14 33.0	1.156	2.165	4.1	19.9
6 20	16 54.77	−14 43.5	1.149	2.143	7.8	20.0
6 30	16 45.95	−15 4.5	1.165	2.120	12.7	20.2
7 10	16 39.65	−15 36.0	1.201	2.099	17.3	20.4
349281 2007 TV_{338}			6 8.3 252°.66	3°.3/ 7.6 16		
5 1	17 32.08	−14 28.1	2.134	2.951	13.5	22.1
5 11	17 27.90	−14 3.4	2.041	2.942	10.7	21.9
5 21	17 21.63	−13 41.3	1.971	2.932	7.6	21.7
5 31	17 13.78	−13 23.4	1.925	2.922	4.5	21.4
6 10	17 5.12	−13 11.6	1.907	2.912	3.5	21.4
6 20	16 56.54	−13 6.9	1.916	2.902	6.0	21.5
6 30	16 48.91	−13 10.3	1.951	2.891	9.3	21.7
7 10	16 42.97	−13 22.2	2.009	2.881	12.5	21.9

315290 2007 TN_{145} 6 8.3 199°.25 2°.3/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 39.77	−27 58.3	1.880	2.690	15.3	22.0
5 11	17 34.49	−28 20.9	1.791	2.687	12.2	21.7
5 21	17 26.38	−28 39.0	1.723	2.683	8.5	21.5
5 31	17 16.09	−28 49.7	1.679	2.679	4.5	21.3
6 10	17 4.65	−28 51.1	1.662	2.674	2.3	21.1
6 20	16 53.33	−28 43.4	1.673	2.668	5.6	21.3
6 30	16 43.37	−28 28.5	1.710	2.661	9.6	21.5
7 10	16 35.75	−28 10.4	1.771	2.654	13.3	21.7

241656 2000 JM_3 6 8.3 68°.33 2°.6/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 56.79	−16 16.4	1.350	2.151	20.6	19.4
5 11	17 49.40	−19 7.6	1.266	2.158	16.4	19.2
5 21	17 37.58	−22 21.1	1.204	2.166	11.3	18.9
5 31	17 21.81	−25 45.6	1.171	2.173	5.5	18.6
6 10	17 3.47	−29 4.4	1.169	2.180	3.0	18.4
6 20	16 44.64	−32 1.5	1.198	2.188	8.1	18.8
6 30	16 27.67	−34 28.0	1.257	2.196	13.5	19.1
7 10	16 14.38	−36 24.8	1.340	2.203	18.0	19.4

9839 Crabbegat 6 8.3 348°.58 1°.8/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.96	−19 13.2	1.373	2.221	17.9	17.4
5 11	17 29.00	−19 7.0	1.297	2.217	14.1	17.1
5 21	17 22.98	−19 1.9	1.240	2.213	9.6	16.8
5 31	17 14.58	−18 58.6	1.205	2.210	4.7	16.5
6 10	17 4.99	−18 57.8	1.194	2.208	2.1	16.3
6 20	16 55.57	−19 0.3	1.207	2.206	6.6	16.6
6 30	16 47.71	−19 7.4	1.244	2.204	11.5	16.9
7 10	16 42.43	−19 20.3	1.301	2.204	15.9	17.1

184034 2004 FM_{66} 6 8.3 40°.21 1°.2/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.22	−24 15.5	1.310	2.156	18.8	20.2
5 11	17 31.59	−24 41.3	1.251	2.168	14.7	20.0
5 21	17 24.67	−25 4.9	1.210	2.182	10.0	19.8
5 31	17 15.31	−25 23.9	1.192	2.196	4.8	19.5
6 10	17 4.87	−25 36.7	1.197	2.211	1.5	19.3
6 20	16 54.86	−25 43.1	1.227	2.227	6.3	19.7
6 30	16 46.73	−25 45.3	1.280	2.242	11.1	20.0
7 10	16 41.43	−25 46.2	1.354	2.259	15.2	20.3

1715 Salli 6 8.3 4°.15 9°.0/ 7.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.97	−31 46.9	0.954	1.822	22.3	14.6
5 11	17 29.36	−33 58.8	0.896	1.820	18.3	14.3
5 21	17 24.37	−36 7.7	0.855	1.820	14.0	14.1
5 31	17 15.62	−38 2.0	0.833	1.823	10.2	13.9
6 10	17 4.75	−39 30.2	0.831	1.827	9.1	13.8
6 20	16 53.99	−40 25.8	0.849	1.834	11.6	14.0
6 30	16 45.66	−40 49.9	0.887	1.842	15.6	14.2
7 10	16 41.39	−40 50.1	0.941	1.853	19.6	14.5

444028 2004 LB_{10} 6 8.3 305°.09 2°.6/ 9.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.40	−31 53.8	2.105	2.912	14.0	21.7
5 11	17 30.31	−31 40.0	1.983	2.875	11.3	21.5
5 21	17 23.63	−31 16.1	1.881	2.839	8.1	21.2
5 31	17 14.88	−30 39.8	1.804	2.801	4.6	20.9
6 10	17 4.93	−29 50.6	1.754	2.764	2.6	20.7
6 20	16 54.88	−28 50.0	1.731	2.727	5.4	20.8
6 30	16 45.89	−27 42.0	1.735	2.689	9.3	21.0
7 10	16 38.93	−26 32.0	1.763	2.652	13.1	21.1

400497 2008 JZ_{17} 6 8.3 138°.89 4°.6/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.84	− 9 50.3	2.641	3.445	11.6	21.0
5 11	17 25.57	− 8 55.0	2.563	3.450	9.3	20.9
5 21	17 19.74	− 8 3.5	2.508	3.455	7.0	20.7
5 31	17 12.80	− 7 18.5	2.479	3.459	5.1	20.6
6 10	17 5.38	− 6 42.3	2.478	3.464	4.8	20.6
6 20	16 58.14	− 6 16.9	2.505	3.469	6.3	20.7
6 30	16 51.70	− 6 3.1	2.558	3.473	8.5	20.8
7 10	16 46.57	− 6 0.8	2.635	3.477	10.8	21.0

377642 2005 US_{82} 6 8.3 222°.86 1°.6/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.51	−26 26.6	1.926	2.741	14.8	22.2
5 11	17 31.85	−26 43.9	1.835	2.736	11.7	22.0
5 21	17 24.57	−26 57.6	1.766	2.730	8.1	21.8
5 31	17 15.25	−27 5.7	1.722	2.724	4.1	21.5
6 10	17 4.88	−27 7.0	1.704	2.717	1.7	21.3
6 20	16 54.60	−27 1.5	1.714	2.710	5.2	21.6
6 30	16 45.57	−26 51.2	1.749	2.703	9.3	21.8
7 10	16 38.68	−26 38.9	1.809	2.696	12.9	22.0

31531 ARRL 6 8.3 326°.60 1°.4/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.32	−19 47.2	1.897	2.726	14.5	19.0
5 11	17 27.64	−19 35.3	1.811	2.720	11.4	18.8
5 21	17 21.62	−19 23.2	1.746	2.714	7.7	18.5
5 31	17 13.84	−19 11.4	1.705	2.709	3.8	18.3
6 10	17 5.18	−19 0.7	1.690	2.704	1.7	18.1
6 20	16 56.64	−18 52.3	1.703	2.699	5.4	18.4
6 30	16 49.23	−18 47.6	1.740	2.694	9.3	18.6
7 10	16 43.75	−18 48.1	1.801	2.690	12.9	18.8

202263 2005 AK_{60} 6 8.3 248°.50 0°.9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.04	−20 4.6	2.092	2.909	13.7	20.7
5 11	17 29.62	−20 8.7	1.996	2.899	10.8	20.5
5 21	17 22.92	−20 13.4	1.922	2.888	7.3	20.3
5 31	17 14.45	−20 18.3	1.874	2.878	3.5	20.0
6 10	17 5.05	−20 23.4	1.852	2.867	1.2	19.8
6 20	16 55.68	−20 29.0	1.859	2.855	5.0	20.0
6 30	16 47.32	−20 35.8	1.892	2.844	8.8	20.3
7 10	16 40.79	−20 45.1	1.949	2.832	12.3	20.4

394024 2005 WY_{10} 6 8.3 305°.47 1°.4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.77	−20 42.9	2.303	3.122	12.6	21.2
5 11	17 26.71	−20 12.1	2.215	3.119	9.8	21.0
5 21	17 20.72	−19 39.1	2.149	3.116	6.7	20.8
5 31	17 13.33	−19 5.1	2.110	3.113	3.2	20.6
6 10	17 5.30	−18 31.4	2.098	3.110	1.6	20.5
6 20	16 57.42	−18 0.1	2.114	3.108	4.7	20.7
6 30	16 50.50	−17 33.2	2.156	3.105	8.1	20.9
7 10	16 45.18	−17 12.3	2.223	3.103	11.1	21.1

168087 2006 DW_{75} 6 8.3 9°.57 6°.4/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.55	−34 31.8	1.276	2.108	20.0	20.2
5 11	17 34.22	−35 21.4	1.205	2.108	16.3	20.0
5 21	17 26.97	−36 0.3	1.152	2.109	12.2	19.8
5 31	17 16.59	−36 21.6	1.120	2.110	8.2	19.5
6 10	17 4.63	−36 20.9	1.111	2.111	6.4	19.4
6 20	16 52.97	−35 58.0	1.124	2.113	8.7	19.6
6 30	16 43.48	−35 17.7	1.160	2.115	12.8	19.8
7 10	16 37.41	−34 28.1	1.216	2.118	16.8	20.1

181939 1999 TQ_{163} 6 8.4 273°.22 0°.2/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.15	−23 13.9	2.454	3.266	12.1	20.7
5 11	17 27.89	−23 23.2	2.349	3.249	9.5	20.5
5 21	17 21.63	−23 31.1	2.266	3.231	6.5	20.3
5 31	17 13.83	−23 37.1	2.210	3.214	3.1	20.1
6 10	17 5.19	−23 40.5	2.182	3.197	0.6	19.8
6 20	16 56.53	−23 41.7	2.182	3.179	4.2	20.1
6 30	16 48.70	−23 41.6	2.209	3.161	7.7	20.3
7 10	16 42.43	−23 41.6	2.261	3.143	10.9	20.4

491824 2013 AX_{17} 6 8.4 121°.33 0°.0/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.77	−23 10.6	2.551	3.360	11.8	22.3
5 11	17 28.04	−23 12.0	2.472	3.371	9.2	22.1
5 21	17 21.49	−23 11.6	2.417	3.381	6.2	21.9
5 31	17 13.65	−23 8.9	2.387	3.391	2.9	21.7
6 10	17 5.25	−23 3.9	2.386	3.401	0.6	21.6
6 20	16 57.04	−22 57.4	2.414	3.411	3.9	21.8
6 30	16 49.76	−22 50.5	2.469	3.420	7.1	22.1
7 10	16 44.01	−22 44.6	2.549	3.429	9.9	22.3

183214 2002 TW_{34} 6 8.4 184°.51 2°.8/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.25	−17 5.1	1.815	2.638	15.3	20.8
5 11	17 30.69	−16 37.5	1.733	2.638	12.1	20.6
5 21	17 23.66	−16 10.8	1.673	2.638	8.3	20.4
5 31	17 14.78	−15 46.5	1.637	2.637	4.5	20.2
6 10	17 5.02	−15 26.4	1.627	2.637	3.0	20.1
6 20	16 55.46	−15 12.3	1.644	2.635	6.2	20.3
6 30	16 47.15	−15 5.7	1.687	2.634	10.1	20.5
7 10	16 40.91	−15 7.5	1.753	2.632	13.7	20.7

302805 2003 AF_{73} 6 8.4 187°.78 0°.2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.03	−23 50.8	2.437	3.247	12.2	20.8
5 11	17 28.37	−23 28.3	2.347	3.246	9.6	20.6
5 21	17 21.78	−23 2.0	2.281	3.246	6.4	20.4
5 31	17 13.82	−22 32.3	2.241	3.245	3.0	20.2
6 10	17 5.22	−22 0.0	2.229	3.244	0.7	20.0
6 20	16 56.80	−21 26.9	2.245	3.242	4.2	20.3
6 30	16 49.35	−20 55.2	2.290	3.240	7.6	20.5
7 10	16 43.50	−20 27.1	2.359	3.238	10.6	20.7

12341 Calevoet 6 8.4 251°.61 1°.3/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.56	−19 53.9	1.872	2.692	15.0	19.2
5 11	17 31.98	−19 47.6	1.770	2.674	11.9	19.0
5 21	17 24.75	−19 41.1	1.689	2.655	8.1	18.7
5 31	17 15.40	−19 34.5	1.632	2.636	4.0	18.4
6 10	17 4.87	−19 28.2	1.602	2.616	1.6	18.2
6 20	16 54.27	−19 23.0	1.600	2.596	5.7	18.4
6 30	16 44.78	−19 20.5	1.624	2.575	10.1	18.7
7 10	16 37.39	−19 22.3	1.670	2.553	14.0	18.8

39687 1996 RL_3 6 8.4 111°.84 0°.2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.48	−22 28.3	1.557	2.387	17.1	19.3
5 11	17 32.87	−22 30.2	1.485	2.395	13.4	19.0
5 21	17 25.33	−22 30.3	1.434	2.403	9.0	18.8
5 31	17 15.60	−22 27.9	1.406	2.411	4.2	18.5
6 10	17 4.87	−22 22.8	1.404	2.419	0.9	18.3
6 20	16 54.46	−22 15.9	1.428	2.427	5.8	18.7
6 30	16 45.65	−22 9.3	1.477	2.434	10.4	18.9
7 10	16 39.36	−22 5.4	1.548	2.441	14.4	19.2

338063 2002 OF_{32} 6 8.4 242°.00 2°.1/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.96	−29 13.6	2.181	2.989	13.5	21.8
5 11	17 30.38	−29 21.5	2.086	2.980	10.8	21.5
5 21	17 23.43	−29 23.6	2.012	2.971	7.6	21.3
5 31	17 14.69	−29 18.0	1.963	2.962	4.1	21.1
6 10	17 5.04	−29 3.9	1.941	2.952	2.2	20.9
6 20	16 55.49	−28 41.9	1.947	2.942	4.9	21.1
6 30	16 47.04	−28 14.5	1.980	2.932	8.5	21.3
7 10	16 40.51	−27 45.1	2.037	2.922	11.8	21.5

355558 2008 CB_{18} 6 8.4 195°.88 4°.6/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.64	− 8 43.3	2.623	3.422	11.7	21.6
5 11	17 26.28	− 8 10.2	2.536	3.421	9.5	21.4
5 21	17 20.29	− 7 42.2	2.473	3.418	7.1	21.3
5 31	17 13.11	− 7 21.6	2.435	3.416	5.1	21.1
6 10	17 5.37	− 7 10.2	2.425	3.413	4.7	21.1
6 20	16 57.74	− 7 9.1	2.443	3.410	6.2	21.2
6 30	16 50.88	− 7 18.5	2.487	3.406	8.6	21.3
7 10	16 45.36	− 7 37.8	2.556	3.403	10.9	21.5

505676 2014 UG_{200} 6 8.4 323°.77 6°.6/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 27.50	−14 17.5	1.071	1.940	20.3	20.6
5 11	17 26.37	−13 14.1	0.989	1.918	16.5	20.3
5 21	17 21.76	−12 11.2	0.924	1.897	12.0	19.9
5 31	17 14.26	−11 14.5	0.878	1.877	7.9	19.6
6 10	17 5.10	−10 30.7	0.853	1.857	6.9	19.5
6 20	16 55.86	−10 5.3	0.849	1.839	10.6	19.6
6 30	16 48.26	−10 1.8	0.865	1.822	15.7	19.8
7 10	16 43.65	−10 20.2	0.898	1.806	20.6	20.1

366462 2002 CF_{45} 6 8.4 205°.86 1°.8/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.03	−18 1.9	2.284	3.094	13.0	21.6
5 11	17 30.09	−17 51.1	2.190	3.088	10.2	21.4
5 21	17 23.06	−17 41.1	2.119	3.083	7.0	21.2
5 31	17 14.48	−17 32.3	2.074	3.076	3.6	21.0
6 10	17 5.11	−17 25.5	2.058	3.069	2.0	20.8
6 20	16 55.83	−17 21.5	2.069	3.062	5.0	21.0
6 30	16 47.50	−17 21.3	2.108	3.053	8.4	21.2
7 10	16 40.86	−17 25.9	2.171	3.045	11.6	21.4

437289 2013 AX_{140} 6 8.4 325°.80 9°.9/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 27.19	− 3 1.1	1.659	2.481	16.5	20.5
5 11	17 24.72	− 1 35.0	1.570	2.458	14.1	20.2
5 21	17 19.86	− 0 17.3	1.502	2.435	11.7	20.0
5 31	17 13.12	+ 0 44.9	1.455	2.414	10.1	19.9
6 10	17 5.36	+ 1 25.6	1.431	2.393	10.1	19.8
6 20	16 57.60	+ 1 40.6	1.430	2.372	11.9	19.9
6 30	16 50.88	+ 1 28.9	1.451	2.353	14.6	20.0
7 10	16 46.09	+ 0 52.4	1.490	2.334	17.5	20.1

302404 2002 CS_{123} 6 8.4 93°.35 1°.3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.81	−27 19.2	2.336	3.146	12.7	20.9
5 11	17 28.34	−27 18.8	2.255	3.153	10.0	20.7
5 21	17 21.83	−27 13.6	2.197	3.159	6.8	20.5
5 31	17 13.87	−27 2.7	2.164	3.166	3.4	20.3
6 10	17 5.26	−26 46.1	2.159	3.172	1.3	20.2
6 20	16 56.87	−26 25.0	2.181	3.178	4.3	20.4
6 30	16 49.52	−26 1.2	2.231	3.185	7.6	20.6
7 10	16 43.90	−25 37.5	2.306	3.191	10.6	20.8

425805 2011 DH_{8} 6 8.4 85°.40 2°.0/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.29	−18 19.1	1.764	2.589	15.5	21.5
5 11	17 30.64	−18 5.9	1.698	2.605	12.1	21.3
5 21	17 23.54	−17 53.7	1.653	2.620	8.2	21.1
5 31	17 14.69	−17 43.4	1.633	2.635	4.1	20.8
6 10	17 5.11	−17 35.9	1.638	2.650	2.2	20.7
6 20	16 55.88	−17 32.0	1.671	2.665	5.7	21.0
6 30	16 48.02	−17 33.1	1.729	2.680	9.6	21.3
7 10	16 42.27	−17 39.8	1.810	2.695	13.0	21.5

63120 2000 WW_{172} 6 8.4 246°.46 0°.7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.95	−22 42.4	2.150	2.960	13.6	19.4
5 11	17 32.02	−23 16.0	2.048	2.946	10.8	19.2
5 21	17 24.66	−23 50.5	1.968	2.932	7.4	18.9
5 31	17 15.36	−24 24.0	1.913	2.917	3.5	18.7
6 10	17 4.94	−24 54.7	1.887	2.901	1.0	18.4
6 20	16 54.43	−25 21.4	1.889	2.885	4.9	18.7
6 30	16 44.89	−25 44.1	1.918	2.869	8.8	18.9
7 10	16 37.22	−26 4.1	1.972	2.852	12.3	19.1

435875 2008 YW_{115} 6 8.4 224°.38 1°.5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.48	−18 30.7	2.210	3.025	13.2	21.7
5 11	17 28.99	−18 26.1	2.118	3.019	10.3	21.5
5 21	17 22.39	−18 22.5	2.048	3.013	7.1	21.3
5 31	17 14.20	−18 20.2	2.004	3.006	3.5	21.0
6 10	17 5.21	−18 19.6	1.987	3.000	1.7	20.9
6 20	16 56.29	−18 21.2	1.998	2.993	4.9	21.1
6 30	16 48.35	−18 26.0	2.036	2.985	8.5	21.3
7 10	16 42.10	−18 34.7	2.099	2.978	11.7	21.5

172452 2003 QB_{93} 6 8.4 317°.16 3°.0/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.40	−26 7.0	1.246	2.097	19.2	19.8
5 11	17 31.07	−26 53.6	1.159	2.079	15.4	19.5
5 21	17 25.05	−27 40.0	1.089	2.061	10.9	19.1
5 31	17 15.89	−28 21.9	1.041	2.044	5.8	18.8
6 10	17 4.82	−28 55.1	1.015	2.028	3.1	18.6
6 20	16 53.56	−29 16.9	1.013	2.012	7.5	18.8
6 30	16 43.97	−29 28.2	1.033	1.997	12.9	19.0
7 10	16 37.54	−29 32.7	1.072	1.983	17.8	19.3

9447 Julesbordet 6 8.4 303°.16 1°.1/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.29	−18 36.2	1.793	2.621	15.2	17.4
5 11	17 29.53	−18 55.2	1.697	2.606	12.0	17.2
5 21	17 23.17	−19 17.6	1.622	2.591	8.2	16.9
5 31	17 14.72	−19 43.0	1.572	2.576	4.0	16.6
6 10	17 5.10	−20 10.5	1.547	2.561	1.4	16.4
6 20	16 55.41	−20 39.3	1.549	2.547	5.6	16.6
6 30	16 46.82	−21 9.3	1.576	2.532	9.9	16.9
7 10	16 40.32	−21 40.7	1.627	2.518	13.9	17.1

122457 2000 QE_{142} 6 8.4 246°.06 7°.7/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.38	−40 37.7	1.912	2.694	16.1	19.4
5 11	17 35.61	−41 42.9	1.825	2.688	13.6	19.2
5 21	17 27.55	−42 37.2	1.758	2.682	10.9	19.1
5 31	17 16.84	−43 14.0	1.714	2.676	8.6	18.9
6 10	17 4.68	−43 28.5	1.695	2.669	7.7	18.8
6 20	16 52.58	−43 19.2	1.701	2.663	8.8	18.9
6 30	16 42.06	−42 48.9	1.731	2.656	11.3	19.0
7 10	16 34.31	−42 3.9	1.784	2.650	14.1	19.2

231759 1999 TX_{320} 6 8.4 120°.36 3°.6/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.14	−34 0.1	2.414	3.199	13.0	20.8
5 11	17 33.25	−34 24.5	2.341	3.218	10.5	20.7
5 21	17 25.12	−34 40.7	2.291	3.236	7.6	20.5
5 31	17 15.40	−34 46.2	2.267	3.254	4.9	20.4
6 10	17 5.01	−34 39.7	2.271	3.271	3.6	20.3
6 20	16 54.94	−34 21.7	2.303	3.288	5.2	20.4
6 30	16 46.12	−33 54.8	2.362	3.304	7.9	20.6
7 10	16 39.24	−33 22.7	2.447	3.319	10.5	20.8

341187 2007 RZ_{47} 6 8.4 228°.67 0°.2/ 8.3 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.52	−22 42.6	2.167	2.983	13.3	22.2
5 11	17 29.11	−22 38.8	2.076	2.978	10.5	22.0
5 21	17 22.51	−22 33.0	2.007	2.973	7.1	21.8
5 31	17 14.27	−22 24.8	1.964	2.968	3.3	21.6
6 10	17 5.22	−22 14.5	1.948	2.962	0.7	21.3
6 20	16 56.28	−22 3.0	1.959	2.957	4.6	21.6
6 30	16 48.37	−21 51.8	1.998	2.951	8.4	21.8
7 10	16 42.25	−21 42.9	2.060	2.945	11.7	22.0

134641 1999 UA_{43} 6 8.4 183°.82 1°.8/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.77	−28 12.2	1.951	2.760	14.9	20.4
5 11	17 33.52	−28 15.3	1.865	2.761	11.8	20.2
5 21	17 25.62	−28 12.3	1.800	2.761	8.2	20.0
5 31	17 15.75	−28 1.3	1.759	2.760	4.2	19.7
6 10	17 4.94	−27 41.8	1.746	2.759	1.9	19.5
6 20	16 54.33	−27 14.8	1.761	2.757	5.2	19.8
6 30	16 45.07	−26 43.4	1.802	2.755	9.1	20.0
7 10	16 38.03	−26 11.4	1.867	2.752	12.7	20.2

192340 1995 OE_{14} 6 8.4 338°.70 1°.5/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 28.52	−21 36.2	1.325	2.181	18.0	19.7
5 11	17 26.55	−21 8.8	1.242	2.167	14.2	19.5
5 21	17 21.50	−20 37.7	1.178	2.154	9.7	19.2
5 31	17 14.02	−20 4.0	1.136	2.142	4.7	18.8
6 10	17 5.26	−19 30.1	1.117	2.131	1.9	18.6
6 20	16 56.62	−18 59.0	1.121	2.121	6.8	18.9
6 30	16 49.49	−18 34.1	1.148	2.112	11.9	19.1
7 10	16 44.98	−18 18.3	1.195	2.105	16.5	19.4

64153 2001 TR_{41} 6 8.4 147°.15 3°.9/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.89	−31 26.5	2.066	2.865	14.5	19.1
5 11	17 34.43	−32 18.5	1.986	2.872	11.7	18.9
5 21	17 26.29	−33 5.1	1.928	2.879	8.4	18.7
5 31	17 16.10	−33 42.4	1.894	2.885	5.3	18.5
6 10	17 4.87	−34 7.2	1.888	2.891	3.9	18.4
6 20	16 53.79	−34 18.6	1.910	2.896	6.0	18.6
6 30	16 44.02	−34 18.0	1.958	2.901	9.1	18.8
7 10	16 36.47	−34 9.3	2.031	2.906	12.2	19.0

420062 2011 EX 6 8.4 103°.73 2°.7/ 8.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.34	−29 55.4	2.000	2.802	14.8	22.9
5 11	17 34.45	−30 15.7	1.935	2.825	11.7	22.7
5 21	17 26.04	−30 29.5	1.892	2.849	8.2	22.5
5 31	17 15.85	−30 34.1	1.874	2.871	4.6	22.4
6 10	17 4.95	−30 28.4	1.884	2.893	2.7	22.3
6 20	16 54.48	−30 13.2	1.921	2.914	5.2	22.5
6 30	16 45.48	−29 51.4	1.985	2.935	8.6	22.7
7 10	16 38.70	−29 26.6	2.074	2.955	11.8	23.0

287473 2003 AO_{62} 6 8.4 220°.27 0°.1/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.22	−23 5.5	2.533	3.341	11.9	21.6
5 11	17 28.56	−23 0.5	2.435	3.333	9.3	21.4
5 21	17 21.99	−22 53.4	2.361	3.326	6.3	21.2
5 31	17 14.00	−22 43.7	2.313	3.317	2.9	20.9
6 10	17 5.30	−22 31.8	2.294	3.309	0.6	20.7
6 20	16 56.67	−22 18.4	2.303	3.300	4.1	21.0
6 30	16 48.92	−22 5.0	2.340	3.290	7.5	21.2
7 10	16 42.71	−21 53.4	2.402	3.281	10.4	21.3

35291 1996 TN_{46} 6 8.4 184°.29 4°.8/ 9.6 18

5 1	17 40.62	−38 5.3	2.556	3.325	12.8	19.9
5 11	17 34.61	−38 35.8	2.465	3.325	10.6	19.7
5 21	17 26.20	−38 56.9	2.395	3.325	8.1	19.6
5 31	17 15.99	−39 4.9	2.351	3.324	5.9	19.4
6 10	17 4.91	−38 57.7	2.335	3.322	4.8	19.4
6 20	16 53.99	−38 35.5	2.347	3.320	6.0	19.4
6 30	16 44.27	−38 0.6	2.386	3.317	8.3	19.6
7 10	16 36.54	−37 17.6	2.450	3.313	10.8	19.7

182576 2001 TW_{174} 6 8.4 237°.33 1°.1/ 8.1 18

5 1	17 32.54	−19 45.6	2.483	3.294	12.0	21.7
5 11	17 28.07	−19 37.1	2.384	3.283	9.4	21.5
5 21	17 21.68	−19 28.3	2.308	3.272	6.4	21.3
5 31	17 13.87	−19 19.5	2.258	3.261	3.1	21.0
6 10	17 5.33	−19 11.1	2.236	3.249	1.3	20.9
6 20	16 56.83	−19 4.1	2.242	3.237	4.4	21.1
6 30	16 49.17	−18 59.4	2.277	3.225	7.8	21.3
7 10	16 43.02	−18 58.3	2.335	3.212	10.8	21.5

371863 2008 BN_{26} 6 8.4 10°.95 1°.9/ 8.0 17

5 1	17 30.44	−20 15.6	1.170	2.032	19.5	20.3
5 11	17 28.18	−19 56.2	1.107	2.034	15.3	20.0
5 21	17 22.60	−19 36.0	1.061	2.037	10.4	19.7
5 31	17 14.49	−19 16.2	1.035	2.041	5.1	19.4
6 10	17 5.21	−18 58.7	1.033	2.046	2.2	19.3
6 20	16 56.29	−18 45.6	1.053	2.053	7.1	19.6
6 30	16 49.19	−18 39.1	1.095	2.060	12.2	19.9
7 10	16 44.92	−18 40.9	1.157	2.069	16.7	20.2

206766 2004 CR_{27} 6 8.4 28°.84 1°.2/ 8.6 17

5 1	17 32.98	−25 52.5	1.800	2.627	15.2	20.5
5 11	17 29.11	−26 2.2	1.725	2.632	12.0	20.3
5 21	17 22.70	−26 8.1	1.670	2.638	8.2	20.1
5 31	17 14.40	−26 8.6	1.640	2.644	4.0	19.9
6 10	17 5.24	−26 3.4	1.636	2.650	1.4	19.7
6 20	16 56.32	−25 53.1	1.658	2.657	5.1	19.9
6 30	16 48.72	−25 40.0	1.706	2.664	9.2	20.2
7 10	16 43.28	−25 26.6	1.777	2.671	12.7	20.4

254177 2004 RA_{7} 6 8.4 279°.37 9°.0/ 5.8 18

5 1	17 29.68	+ 4 32.9	2.461	3.225	13.4	20.9
5 11	17 25.76	+ 5 24.9	2.372	3.209	11.8	20.7
5 21	17 20.10	+ 6 4.5	2.304	3.193	10.2	20.6
5 31	17 13.13	+ 6 27.2	2.259	3.177	9.2	20.5
6 10	17 5.48	+ 6 30.0	2.238	3.161	9.1	20.5
6 20	16 57.87	+ 6 11.5	2.241	3.144	10.1	20.5
6 30	16 51.00	+ 5 32.3	2.268	3.128	11.7	20.6
7 10	16 45.50	+ 4 34.9	2.317	3.112	13.6	20.7

389926 2012 TJ_{125} 6 8.4 181°.99 2°.4/ 9.0 17

5 1	17 35.65	−30 24.9	2.333	3.134	13.0	21.9
5 11	17 30.70	−30 35.0	2.245	3.135	10.3	21.7
5 21	17 23.54	−30 38.8	2.179	3.135	7.3	21.5
5 31	17 14.74	−30 34.5	2.138	3.135	4.1	21.3
6 10	17 5.17	−30 21.2	2.125	3.134	2.4	21.2
6 20	16 55.77	−29 59.7	2.140	3.133	4.7	21.3
6 30	16 47.47	−29 32.3	2.182	3.132	7.9	21.5
7 10	16 41.01	−29 2.1	2.249	3.131	10.9	21.7

239440 2007 TR_{171} 6 8.4 222°.60 1°.2/ 8.1 18 R

5 1	17 32.98	−19 46.4	2.114	2.933	13.5	20.5
5 11	17 28.68	−19 38.2	2.026	2.930	10.6	20.3
5 21	17 22.22	−19 29.8	1.961	2.927	7.2	20.1
5 31	17 14.15	−19 21.7	1.921	2.925	3.5	19.9
6 10	17 5.29	−19 14.3	1.908	2.922	1.5	19.7
6 20	16 56.55	−19 8.6	1.923	2.919	4.9	20.0
6 30	16 48.85	−19 5.7	1.964	2.915	8.6	20.2
7 10	16 42.93	−19 6.8	2.029	2.912	11.9	20.4

342979 2009 BK_{42} 6 8.4 184°.11 0°.8/ 8.6 17

5 1	17 34.14	−25 29.4	2.253	3.065	13.1	21.7
5 11	17 29.51	−25 32.6	2.166	3.065	10.3	21.5
5 21	17 22.73	−25 32.4	2.101	3.065	7.0	21.3
5 31	17 14.37	−25 27.7	2.061	3.065	3.4	21.0
6 10	17 5.25	−25 18.5	2.050	3.064	1.0	20.8
6 20	16 56.27	−25 5.3	2.066	3.063	4.4	21.1
6 30	16 48.35	−24 50.0	2.109	3.062	8.0	21.3
7 10	16 42.20	−24 34.8	2.177	3.061	11.2	21.5

73047 2002 EK_{114} 6 8.4 331°.74 4°.9/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 28.42	−29 15.1	1.070	1.936	20.6	19.3
5 11	17 27.77	−30 5.6	0.986	1.914	16.8	19.0
5 21	17 23.18	−30 52.0	0.920	1.893	12.1	18.6
5 31	17 15.16	−31 28.9	0.872	1.873	7.3	18.3
6 10	17 5.03	−31 51.0	0.845	1.855	4.9	18.1
6 20	16 54.69	−31 55.9	0.839	1.838	8.7	18.2
6 30	16 46.25	−31 45.5	0.853	1.823	14.1	18.5
7 10	16 41.36	−31 25.7	0.884	1.809	19.2	18.7

40040 1998 KC_{27} 6 8.4 342°.79 0°.5/ 8.3 17

5 1	17 34.83	−19 45.7	1.505	2.342	17.2	18.3
5 11	17 31.28	−20 45.7	1.421	2.334	13.6	18.1
5 21	17 24.67	−21 52.2	1.357	2.327	9.3	17.8
5 31	17 15.55	−23 2.5	1.316	2.321	4.4	17.5
6 10	17 5.01	−24 12.6	1.301	2.316	1.0	17.2
6 20	16 54.40	−25 18.7	1.312	2.311	6.1	17.6
6 30	16 45.17	−26 18.7	1.348	2.307	10.9	17.8
7 10	16 38.48	−27 12.7	1.405	2.304	15.2	18.1

37626 1993 SG_{2} 6 8.4 268°.48 3°.5/ 8.9 18

5 1	17 37.94	−30 9.1	1.566	2.389	17.3	18.8
5 11	17 33.94	−30 33.1	1.471	2.373	14.0	18.5
5 21	17 26.59	−30 50.5	1.395	2.357	10.0	18.2
5 31	17 16.49	−30 57.4	1.342	2.340	5.8	17.9
6 10	17 4.83	−30 51.0	1.314	2.323	3.5	17.8
6 20	16 53.12	−30 31.1	1.311	2.306	6.8	17.9
6 30	16 42.94	−30 0.8	1.333	2.289	11.3	18.1
7 10	16 35.55	−29 25.7	1.376	2.272	15.6	18.3

425679 2011 AH_{21} 6 8.4 25°.23 0°.5/ 8.3 17

5 1	17 32.99	−20 21.3	1.302	2.152	18.6	20.6
5 11	17 29.87	−20 41.4	1.240	2.161	14.6	20.4
5 21	17 23.59	−21 3.4	1.197	2.171	9.8	20.1
5 31	17 14.93	−21 26.2	1.175	2.181	4.6	19.8
6 10	17 5.17	−21 48.6	1.178	2.192	1.0	19.6
6 20	16 55.76	−22 9.9	1.204	2.205	6.3	20.0
6 30	16 48.07	−22 30.6	1.254	2.217	11.2	20.3
7 10	16 43.10	−22 52.0	1.325	2.231	15.4	20.6

357744 2005 SN_{33} 6 8.4 206°.82 3°.2/ 8.9 18

5 1	17 35.16	−32 35.0	2.836	3.622	11.3	21.5
5 11	17 30.09	−33 10.5	2.740	3.618	9.1	21.3
5 21	17 23.06	−33 40.9	2.666	3.613	6.6	21.1
5 31	17 14.54	−34 3.6	2.620	3.608	4.3	21.0
6 10	17 5.25	−34 16.9	2.601	3.602	3.2	20.9
6 20	16 55.99	−34 20.5	2.612	3.596	4.7	21.0
6 30	16 47.58	−34 15.3	2.650	3.590	7.2	21.1
7 10	16 40.72	−34 3.9	2.713	3.583	9.7	21.3

439864 1999 TL_{54} 6 8.4 251°.34 1°.4/ 7.9 18

5 1	17 31.14	−19 20.2	2.647	3.457	11.4	21.9
5 11	17 26.86	−19 0.0	2.545	3.444	8.9	21.7
5 21	17 20.82	−18 39.1	2.466	3.430	6.1	21.5
5 31	17 13.48	−18 18.0	2.414	3.416	3.0	21.3
6 10	17 5.48	−17 57.8	2.390	3.402	1.6	21.2
6 20	16 57.52	−17 39.8	2.394	3.387	4.3	21.3
6 30	16 50.33	−17 25.3	2.426	3.372	7.5	21.5
7 10	16 44.54	−17 15.4	2.484	3.357	10.3	21.7

519635 2012 UT_{182} 6 8.4 314°.97 0°.2/ 8.3 17

5 1	17 33.39	−21 29.7	1.926	2.750	14.5	21.4
5 11	17 29.32	−21 42.1	1.840	2.747	11.4	21.2
5 21	17 22.84	−21 54.6	1.776	2.743	7.7	21.0
5 31	17 14.52	−22 6.3	1.736	2.740	3.6	20.7
6 10	17 5.27	−22 16.8	1.722	2.737	0.8	20.5
6 20	16 56.11	−22 26.0	1.736	2.734	5.0	20.8
6 30	16 48.10	−22 34.8	1.776	2.731	9.0	21.0
7 10	16 42.06	−22 44.5	1.839	2.728	12.6	21.2

371105 2005 VF_{44} 6 8.4 299°.05 0°.9/ 8.6 16

5 1	17 29.21	−26 3.4	2.989	3.795	10.3	21.2
5 11	17 25.33	−26 9.3	2.876	3.772	8.1	21.0
5 21	17 19.80	−26 12.4	2.787	3.749	5.6	20.8
5 31	17 13.02	−26 12.1	2.724	3.726	2.8	20.6
6 10	17 5.57	−26 7.9	2.690	3.703	1.0	20.4
6 20	16 58.09	−26 0.2	2.684	3.680	3.6	20.6
6 30	16 51.28	−25 50.1	2.706	3.658	6.5	20.8
7 10	16 45.72	−25 39.2	2.753	3.635	9.2	20.9

256728 2008 AE_{110} 6 8.4 185°.77 4°.6/ 7.5 17

5 1	17 35.42	−12 32.0	1.756	2.577	15.8	21.2
5 11	17 30.90	−11 59.3	1.677	2.577	12.6	21.0
5 21	17 23.88	−11 31.3	1.618	2.577	9.1	20.8
5 31	17 14.99	−11 10.4	1.583	2.576	5.8	20.6
6 10	17 5.20	−10 59.1	1.574	2.575	4.8	20.5
6 20	16 55.58	−10 58.8	1.591	2.574	7.3	20.7
6 30	16 47.21	−11 10.0	1.633	2.572	10.9	20.9
7 10	16 40.92	−11 32.2	1.698	2.570	14.4	21.1

7678 Onoda 6 8.4 303°.84 4°.4/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.02	−35 20.8	2.253	3.049	13.5	18.5
5 11	17 29.81	−35 48.8	2.160	3.041	11.1	18.3
5 21	17 23.18	−36 8.4	2.088	3.033	8.3	18.1
5 31	17 14.70	−36 16.5	2.040	3.024	5.6	17.9
6 10	17 5.27	−36 11.0	2.019	3.016	4.4	17.8
6 20	16 55.94	−35 52.2	2.025	3.008	5.9	17.9
6 30	16 47.75	−35 22.1	2.056	3.000	8.7	18.0
7 10	16 41.54	−34 45.0	2.112	2.993	11.6	18.2

139974 2001 SU_{16} 6 8.4 274°.74 0°.7/ 8.5 17

5 1	17 33.15	−24 52.0	2.122	2.939	13.6	20.0
5 11	17 28.96	−24 59.2	2.032	2.935	10.7	19.8
5 21	17 22.51	−25 3.5	1.964	2.930	7.3	19.5
5 31	17 14.35	−25 3.9	1.921	2.925	3.5	19.3
6 10	17 5.34	−25 0.2	1.905	2.920	0.9	19.1
6 20	16 56.44	−24 52.7	1.917	2.915	4.6	19.3
6 30	16 48.60	−24 43.0	1.955	2.910	8.4	19.6
7 10	16 42.61	−24 33.3	2.017	2.905	11.7	19.8

118863 2000 SK_{349} 6 8.4 105°.02 0°.8/ 8.3 18

5 1	17 33.99	−19 6.5	2.496	3.303	12.1	19.4
5 11	17 29.03	−19 24.7	2.420	3.317	9.4	19.2
5 21	17 22.24	−19 44.2	2.368	3.331	6.3	19.1
5 31	17 14.12	−20 4.5	2.342	3.345	3.0	18.9
6 10	17 5.41	−20 25.1	2.345	3.359	1.0	18.7
6 20	16 56.87	−20 45.6	2.376	3.372	4.1	19.0
6 30	16 49.26	−21 6.1	2.436	3.385	7.3	19.2
7 10	16 43.19	−21 27.3	2.521	3.398	10.1	19.4

160919 2001 XL_{101} 6 8.4 236°.49 2°.9/ 8.9 17

5 1	17 39.04	−30 4.8	1.603	2.422	17.1	20.3
5 11	17 34.55	−30 12.0	1.513	2.414	13.7	20.0
5 21	17 26.82	−30 10.9	1.443	2.405	9.7	19.7
5 31	17 16.54	−29 58.4	1.396	2.396	5.4	19.5
6 10	17 4.93	−29 33.1	1.375	2.386	2.9	19.3
6 20	16 53.45	−28 56.3	1.379	2.376	6.3	19.5
6 30	16 43.59	−28 12.0	1.409	2.366	10.8	19.7
7 10	16 36.43	−27 26.1	1.461	2.355	15.0	19.9

286705 2002 GZ_{43} 6 8.4 149°.61 6°.8/ 5.3 18

5 1	17 30.10	+ 2 11.6	3.239	3.995	10.6	21.8
5 11	17 25.48	+ 3 17.8	3.170	4.005	9.1	21.7
5 21	17 19.59	+ 4 15.4	3.125	4.015	7.8	21.6
5 31	17 12.82	+ 5 1.1	3.106	4.024	6.9	21.6
6 10	17 5.68	+ 5 32.6	3.113	4.033	6.9	21.6
6 20	16 58.68	+ 5 48.7	3.146	4.041	7.7	21.7
6 30	16 52.33	+ 5 49.4	3.204	4.049	9.0	21.8
7 10	16 47.05	+ 5 35.9	3.286	4.056	10.4	21.9

158467 2002 CF_{233} 6 8.4 158°.40 0°.9/ 8.2 17

5 1	17 35.00	−20 59.1	1.949	2.769	14.5	21.4
5 11	17 30.42	−20 50.1	1.867	2.772	11.3	21.2
5 21	17 23.48	−20 40.0	1.807	2.774	7.7	20.9
5 31	17 14.80	−20 28.9	1.773	2.777	3.6	20.7
6 10	17 5.29	−20 17.4	1.765	2.779	1.2	20.5
6 20	16 55.98	−20 6.5	1.784	2.781	5.1	20.8
6 30	16 47.87	−19 58.0	1.830	2.783	9.0	21.0
7 10	16 41.73	−19 53.4	1.899	2.784	12.5	21.3

462528 2008 YV_{142} 6 8.4 21°.38 1°.0/ 8.6 17

5 1	17 32.25	−25 20.1	1.052	1.917	21.0	20.7
5 11	17 30.05	−25 21.1	0.995	1.923	16.5	20.4
5 21	17 24.10	−25 16.5	0.954	1.931	11.3	20.1
5 31	17 15.28	−25 5.0	0.934	1.940	5.4	19.8
6 10	17 5.20	−24 46.6	0.935	1.950	1.3	19.6
6 20	16 55.63	−24 23.5	0.958	1.961	7.0	20.0
6 30	16 48.21	−24 0.0	1.003	1.973	12.5	20.3
7 10	16 44.02	−23 40.1	1.067	1.985	17.2	20.6

411649 2011 US_{351} 6 8.4 194°.00 3°.1/ 8.8 17

5 1	17 40.60	−28 49.1	1.630	2.447	17.0	21.5
5 11	17 35.68	−29 22.4	1.546	2.446	13.6	21.3
5 21	17 27.55	−29 50.8	1.483	2.444	9.6	21.0
5 31	17 16.88	−30 10.5	1.443	2.442	5.3	20.8
6 10	17 4.88	−30 18.5	1.429	2.439	3.1	20.6
6 20	16 53.02	−30 14.5	1.441	2.436	6.4	20.8
6 30	16 42.75	−30 0.9	1.479	2.432	10.7	21.1
7 10	16 35.19	−29 42.2	1.539	2.428	14.6	21.3

506147 2016 EK_{52} 6 8.4 338°.81 1°.8/ 7.9 17

5 1	17 31.25	−23 6.6	1.239	2.095	19.0	20.4
5 11	17 28.86	−22 15.3	1.162	2.086	15.0	20.2
5 21	17 23.14	−21 16.1	1.103	2.078	10.2	19.9
5 31	17 14.86	−20 10.9	1.065	2.071	4.9	19.5
6 10	17 5.30	−19 3.7	1.051	2.064	2.2	19.3
6 20	16 55.99	−18 0.0	1.060	2.059	7.3	19.6
6 30	16 48.42	−17 5.6	1.091	2.054	12.6	19.9
7 10	16 43.67	−16 24.8	1.143	2.050	17.2	20.2

405767 2005 YA_{203} 6 8.4 196°.11 0°.7/ 8.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.30	−22 19.3	1.562	2.390	17.1	22.9
5 11	17 33.70	−22 6.5	1.480	2.389	13.5	22.6
5 21	17 26.08	−21 51.0	1.418	2.387	9.2	22.4
5 31	17 16.14	−21 32.5	1.380	2.384	4.3	22.1
6 10	17 5.06	−21 11.6	1.367	2.382	1.1	21.8
6 20	16 54.18	−20 50.2	1.381	2.379	6.1	22.2
6 30	16 44.84	−20 30.9	1.419	2.375	10.8	22.4
7 10	16 38.04	−20 16.8	1.480	2.371	15.0	22.7

398971 2013 EE_{42} 6 8.4 303°.94 0°.9/ 8.6 18

5 1	17 31.72	−26 6.2	2.379	3.192	12.4	21.1
5 11	17 27.57	−26 5.7	2.290	3.189	9.8	21.0
5 21	17 21.43	−26 1.3	2.222	3.186	6.7	20.8
5 31	17 13.82	−25 52.4	2.181	3.184	3.3	20.5
6 10	17 5.51	−25 38.8	2.167	3.181	1.0	20.3
6 20	16 57.32	−25 21.5	2.181	3.178	4.2	20.6
6 30	16 50.10	−25 2.1	2.222	3.176	7.6	20.8
7 10	16 44.52	−24 43.1	2.287	3.173	10.6	21.0

48373 Gorgythion 6 8.4 16°.40 4°.8/ 5.3 18

5 1	17 23.35	+ 0 11.7	4.431	5.196	7.8	19.4
5 11	17 20.06	+ 1 2.6	4.352	5.197	6.7	19.3
5 21	17 15.88	+ 1 47.8	4.296	5.197	5.6	19.2
5 31	17 11.10	+ 2 25.2	4.268	5.197	4.9	19.1
6 10	17 6.04	+ 2 53.3	4.266	5.197	4.9	19.1
6 20	17 1.05	+ 3 11.2	4.291	5.198	5.6	19.2
6 30	16 56.47	+ 3 18.7	4.341	5.198	6.6	19.3
7 10	16 52.59	+ 3 16.2	4.415	5.198	7.8	19.4

256936 2008 EZ_{37} 6 8.4 341°.81 3°.1/ 7.9 18

5 1	17 28.01	−15 24.5	1.647	2.489	15.7	19.4
5 11	17 25.52	−15 16.6	1.559	2.474	12.5	19.2
5 21	17 20.52	−15 13.1	1.491	2.460	8.7	18.9
5 31	17 13.56	−15 15.2	1.446	2.447	4.9	18.7
6 10	17 5.55	−15 24.3	1.426	2.436	3.3	18.5
6 20	16 57.58	−15 40.8	1.431	2.425	6.5	18.7
6 30	16 50.74	−16 4.9	1.460	2.416	10.6	18.9
7 10	16 45.96	−16 36.2	1.510	2.407	14.4	19.1

270265 2001 UB_{147} 6 8.4 204°.61 1°.1/ 8.6 18

5 1	17 36.89	−25 33.3	2.017	2.829	14.3	21.7
5 11	17 32.04	−25 45.8	1.927	2.826	11.3	21.5
5 21	17 24.69	−25 55.2	1.858	2.822	7.8	21.3
5 31	17 15.43	−25 59.8	1.815	2.818	3.8	21.0
6 10	17 5.21	−25 58.8	1.799	2.813	1.3	20.8
6 20	16 55.09	−25 52.4	1.811	2.808	5.0	21.0
6 30	16 46.16	−25 42.3	1.849	2.803	8.9	21.3
7 10	16 39.27	−25 31.3	1.911	2.797	12.4	21.5

185816 1999 XD_{146} 6 8.4 213°.52 0°.7/ 8.2 18

5 1	17 31.28	−21 32.6	2.838	3.645	10.8	21.2
5 11	17 26.83	−21 18.1	2.742	3.639	8.4	21.0
5 21	17 20.74	−21 2.0	2.670	3.634	5.7	20.8
5 31	17 13.46	−20 44.6	2.624	3.628	2.7	20.6
6 10	17 5.60	−20 26.4	2.607	3.621	0.9	20.4
6 20	16 57.84	−20 8.5	2.619	3.615	3.8	20.6
6 30	16 50.84	−19 52.2	2.659	3.608	6.8	20.8
7 10	16 45.15	−19 39.0	2.725	3.600	9.5	21.0

257880 2000 SV_{157} 6 8.4 250°.94 1°.8/ 8.9 18

5 1	17 33.59	−28 52.0	2.473	3.277	12.3	21.2
5 11	17 29.09	−28 56.4	2.373	3.265	9.7	21.0
5 21	17 22.51	−28 55.5	2.294	3.253	6.8	20.8
5 31	17 14.36	−28 48.0	2.242	3.241	3.6	20.6
6 10	17 5.43	−28 33.4	2.217	3.229	1.8	20.4
6 20	16 56.55	−28 12.3	2.221	3.216	4.4	20.6
6 30	16 48.61	−27 46.6	2.252	3.203	7.6	20.7
7 10	16 42.33	−27 19.2	2.307	3.190	10.7	20.9

416246 2003 CL_{6} 6 8.4 99°.21 1°.6/ 8.2 17

5 1	17 37.04	−18 20.3	1.800	2.621	15.5	21.2
5 11	17 32.03	−18 20.6	1.733	2.637	12.1	21.0
5 21	17 24.54	−18 22.7	1.688	2.654	8.2	20.8
5 31	17 15.28	−18 26.5	1.667	2.670	4.0	20.6
6 10	17 5.27	−18 32.3	1.673	2.686	1.8	20.5
6 20	16 55.59	−18 40.2	1.706	2.702	5.5	20.8
6 30	16 47.27	−18 51.1	1.765	2.717	9.4	21.0
7 10	16 41.09	−19 5.6	1.848	2.732	12.8	21.3

121625 1999 VW_{177} 6 8.4 312°.64 0°.2/ 8.4 18

5 1	17 31.48	−21 12.8	2.008	2.833	13.9	19.6
5 11	17 27.93	−21 28.2	1.906	2.813	11.0	19.3
5 21	17 22.03	−21 44.4	1.826	2.794	7.5	19.1
5 31	17 14.26	−22 0.7	1.770	2.775	3.5	18.8
6 10	17 5.44	−22 16.5	1.741	2.756	0.7	18.5
6 20	16 56.54	−22 31.4	1.739	2.738	5.0	18.8
6 30	16 48.60	−22 45.9	1.763	2.719	9.0	19.0
7 10	16 42.52	−23 1.1	1.810	2.702	12.7	19.2

502463 2015 BK_{310} 6 8.4 300°.74 3°.9/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.67	−29 21.3	1.510	2.340	17.5	20.9
5 11	17 32.35	−30 5.7	1.416	2.323	14.1	20.6
5 21	17 25.67	−30 46.3	1.342	2.306	10.1	20.3
5 31	17 16.19	−31 18.7	1.291	2.289	6.0	20.0
6 10	17 5.04	−31 38.9	1.263	2.272	3.9	19.9
6 20	16 53.76	−31 45.2	1.261	2.255	7.1	20.0
6 30	16 43.96	−31 39.2	1.282	2.239	11.6	20.2
7 10	16 36.95	−31 25.5	1.324	2.223	15.9	20.4

178171 2006 UH_{64} 6 8.4 211°.80 3°.3/ 9.3 18

5 1	17 35.14	−33 18.4	2.432	3.226	12.7	20.6
5 11	17 30.36	−33 33.0	2.340	3.223	10.3	20.4
5 21	17 23.39	−33 40.2	2.270	3.219	7.5	20.3
5 31	17 14.77	−33 37.4	2.226	3.216	4.7	20.1
6 10	17 5.37	−33 23.7	2.208	3.212	3.3	20.0
6 20	16 56.10	−32 59.6	2.219	3.207	5.0	20.1
6 30	16 47.91	−32 27.4	2.256	3.203	7.9	20.3
7 10	16 41.52	−31 50.7	2.319	3.198	10.7	20.4

335687 2006 WD_{39} 6 8.4 317°.96 1°.2/ 8.3 17

5 1	17 30.84	−20 6.2	1.282	2.137	18.5	20.3
5 11	17 28.78	−20 8.2	1.190	2.113	14.8	20.0
5 21	17 23.38	−20 11.3	1.115	2.090	10.2	19.7
5 31	17 15.16	−20 15.9	1.061	2.067	4.9	19.3
6 10	17 5.25	−20 21.9	1.031	2.045	1.6	19.0
6 20	16 55.13	−20 29.9	1.023	2.024	7.1	19.3
6 30	16 46.45	−20 41.0	1.038	2.003	12.7	19.5
7 10	16 40.58	−20 56.9	1.072	1.984	17.7	19.8

97674 2000 FJ_{50} 6 8.4 355°.92 4°.1/ 8.8 18

5 1	17 34.95	−29 30.3	1.394	2.231	18.3	18.9
5 11	17 31.79	−30 18.1	1.318	2.228	14.7	18.7
5 21	17 25.20	−31 1.1	1.262	2.227	10.5	18.4
5 31	17 15.89	−31 34.4	1.227	2.225	6.2	18.2
6 10	17 5.14	−31 54.2	1.216	2.225	4.1	18.0
6 20	16 54.54	−31 59.5	1.230	2.225	7.2	18.2
6 30	16 45.68	−31 52.6	1.266	2.225	11.5	18.5
7 10	16 39.75	−31 38.2	1.323	2.226	15.7	18.7

79122 1990 RV_{7} 6 8.4 264°.00 1°.9/ 7.9 18 R

5 1	17 35.17	−19 13.0	1.799	2.624	15.3	19.3
5 11	17 31.02	−18 54.6	1.700	2.606	12.2	19.1
5 21	17 24.22	−18 35.6	1.621	2.588	8.4	18.8
5 31	17 15.32	−18 16.7	1.566	2.570	4.2	18.5
6 10	17 5.25	−17 59.2	1.538	2.551	2.1	18.3
6 20	16 55.15	−17 44.6	1.537	2.532	6.0	18.5
6 30	16 46.20	−17 34.9	1.561	2.512	10.4	18.7
7 10	16 39.35	−17 31.8	1.607	2.492	14.3	18.9

154621 2003 SZ_{204} 6 8.4 295°.63 1°.1/ 8.7 18

5 1	17 31.81	−26 20.5	2.416	3.228	12.3	20.1
5 11	17 27.85	−26 27.2	2.304	3.203	9.7	19.9
5 21	17 21.80	−26 30.6	2.215	3.178	6.7	19.6
5 31	17 14.11	−26 29.3	2.150	3.153	3.4	19.4
6 10	17 5.51	−26 23.0	2.114	3.128	1.2	19.2
6 20	16 56.84	−26 11.8	2.105	3.102	4.4	19.4
6 30	16 49.01	−25 57.4	2.123	3.077	7.9	19.5
7 10	16 42.79	−25 41.9	2.166	3.052	11.1	19.7

160965 2002 BB_{5} 6 8.4 3°.72 8°.0/ 9.0 18

5 1	17 38.89	−38 5.7	1.609	2.414	17.7	19.7
5 11	17 34.95	−39 31.3	1.534	2.413	14.8	19.5
5 21	17 27.43	−40 47.5	1.477	2.413	11.7	19.3
5 31	17 16.99	−41 46.6	1.444	2.414	9.0	19.1
6 10	17 4.95	−42 22.5	1.434	2.415	8.0	19.1
6 20	16 52.97	−42 32.7	1.448	2.416	9.5	19.1
6 30	16 42.78	−42 19.9	1.485	2.417	12.3	19.3
7 10	16 35.65	−41 50.5	1.543	2.419	15.3	19.5

145018 2005 EP_{247} 6 8.4 326°.64 1°.3/ 8.6 17

5 1	17 30.43	−25 1.9	1.207	2.065	19.3	20.0
5 11	17 28.71	−25 15.4	1.121	2.046	15.4	19.6
5 21	17 23.44	−25 25.6	1.053	2.028	10.6	19.3
5 31	17 15.22	−25 30.5	1.005	2.011	5.3	19.0
6 10	17 5.28	−25 28.8	0.980	1.994	1.6	18.7
6 20	16 55.26	−25 20.7	0.977	1.979	7.0	19.0
6 30	16 46.92	−25 8.8	0.996	1.965	12.7	19.2
7 10	16 41.63	−24 57.2	1.034	1.952	17.7	19.5

250391 2003 UZ_{151} 6 8.4 206°.62 2°.7/ 8.9 17

5 1	17 39.16	−29 33.2	1.821	2.632	15.7	21.7
5 11	17 34.21	−29 47.8	1.732	2.628	12.5	21.4
5 21	17 26.37	−29 55.8	1.664	2.624	8.8	21.2
5 31	17 16.31	−29 54.5	1.620	2.619	4.9	21.0
6 10	17 5.11	−29 42.4	1.603	2.614	2.7	20.8
6 20	16 54.05	−29 19.9	1.612	2.608	5.7	21.0
6 30	16 44.42	−28 50.3	1.648	2.601	9.8	21.2
7 10	16 37.19	−28 17.8	1.707	2.595	13.5	21.4

474964 2005 TC_{58} 6 8.4 106°.32 4°.9/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.84	−37 44.2	2.662	3.434	12.3	21.6
5 11	17 32.36	−38 35.6	2.587	3.449	10.1	21.5
5 21	17 24.68	−39 18.8	2.535	3.464	7.8	21.4
5 31	17 15.38	−39 50.1	2.509	3.479	5.8	21.3
6 10	17 5.30	−40 7.3	2.510	3.493	4.9	21.2
6 20	16 55.39	−40 10.0	2.539	3.507	5.9	21.3
6 30	16 46.58	−39 59.8	2.595	3.521	8.0	21.5
7 10	16 39.61	−39 40.3	2.675	3.534	10.1	21.6

91651 1999 TU_{100} 6 8.4 282°.72 9°.3/ 4.9 18

5 1	17 29.15	+ 3 43.3	2.384	3.155	13.6	19.1
5 11	17 25.36	+ 5 1.6	2.310	3.151	11.9	18.9
5 21	17 19.85	+ 6 8.1	2.258	3.148	10.4	18.8
5 31	17 13.09	+ 6 58.1	2.228	3.144	9.4	18.8
6 10	17 5.75	+ 7 27.7	2.223	3.141	9.5	18.7
6 20	16 58.52	+ 7 35.3	2.242	3.137	10.4	18.8
6 30	16 52.11	+ 7 20.9	2.284	3.134	12.0	18.9
7 10	16 47.10	+ 6 46.9	2.346	3.130	13.7	19.0

498629 2008 RE_{133} 6 8.4 157°.59 0°.3/ 8.5 18

5 1	17 36.58	−22 54.8	2.695	3.493	11.5	21.9
5 11	17 31.00	−23 11.7	2.610	3.502	9.0	21.7
5 21	17 23.58	−23 27.5	2.548	3.510	6.1	21.5
5 31	17 14.82	−23 41.2	2.514	3.517	2.9	21.3
6 10	17 5.43	−23 52.2	2.509	3.524	0.6	21.1
6 20	16 56.16	−24 0.4	2.534	3.530	3.8	21.4
6 30	16 47.79	−24 6.6	2.587	3.536	7.0	21.6
7 10	16 40.94	−24 12.1	2.667	3.540	9.7	21.8

501651 2014 SZ_{281} 6 8.4 100°.04 4°.7/ 7.6 17

5 1	17 35.14	−14 3.8	1.481	2.315	17.6	20.9
5 11	17 31.12	−13 24.7	1.410	2.319	14.0	20.7
5 21	17 24.26	−12 49.3	1.358	2.322	9.9	20.4
5 31	17 15.29	−12 20.8	1.329	2.326	6.1	20.2
6 10	17 5.33	−12 1.9	1.325	2.329	4.8	20.2
6 20	16 55.65	−11 54.7	1.346	2.333	7.8	20.3
6 30	16 47.46	−12 0.2	1.391	2.336	11.9	20.6
7 10	16 41.68	−12 18.0	1.456	2.340	15.7	20.8

61775 2000 QK_{172} 6 8.4 317°.80 5°.9/ 6.9 18

5 1	17 31.78	−11 46.5	1.621	2.452	16.4	19.2
5 11	17 28.33	−10 46.8	1.541	2.446	13.2	19.0
5 21	17 22.32	− 9 50.7	1.481	2.440	9.8	18.7
5 31	17 14.39	− 9 2.6	1.445	2.435	6.7	18.5
6 10	17 5.51	− 8 26.5	1.433	2.429	6.1	18.5
6 20	16 56.78	− 8 5.6	1.447	2.424	8.5	18.6
6 30	16 49.31	− 8 1.3	1.484	2.419	12.1	18.8
7 10	16 43.96	− 8 13.2	1.541	2.414	15.5	19.0

210226 2007 RZ_{98} 6 8.4 236°.34 0°.9/ 8.6 18

5 1	17 34.85	−24 52.7	2.269	3.079	13.0	21.0
5 11	17 30.23	−25 8.5	2.172	3.070	10.3	20.8
5 21	17 23.40	−25 22.3	2.097	3.061	7.0	20.6
5 31	17 14.85	−25 32.5	2.048	3.051	3.4	20.3
6 10	17 5.41	−25 38.4	2.027	3.041	1.1	20.1
6 20	16 56.00	−25 40.0	2.034	3.031	4.5	20.3
6 30	16 47.56	−25 38.2	2.068	3.021	8.1	20.5
7 10	16 40.88	−25 35.2	2.126	3.010	11.4	20.7

91014 1998 DN_{12} 6 8.4 207°.65 0°.7/ 8.3 18

5 1	17 35.36	−20 58.1	2.079	2.894	13.9	20.3
5 11	17 30.69	−20 58.4	1.989	2.890	10.9	20.1
5 21	17 23.71	−20 58.1	1.921	2.886	7.4	19.9
5 31	17 14.99	−20 57.1	1.878	2.882	3.5	19.6
6 10	17 5.39	−20 55.4	1.863	2.877	1.0	19.4
6 20	16 55.89	−20 53.5	1.875	2.872	4.9	19.7
6 30	16 47.47	−20 52.6	1.914	2.866	8.7	19.9
7 10	16 40.93	−20 54.2	1.978	2.860	12.2	20.1

174019 2001 YU_{109} 6 8.4 43°.59 3°.4/ 9.5 17

5 1	17 34.67	−33 27.0	1.923	2.733	15.0	19.0
5 11	17 30.29	−33 24.0	1.856	2.749	12.0	18.9
5 21	17 23.40	−33 10.7	1.810	2.765	8.6	18.7
5 31	17 14.77	−32 45.3	1.788	2.782	5.2	18.5
6 10	17 5.46	−32 7.8	1.793	2.799	3.4	18.4
6 20	16 56.60	−31 20.5	1.824	2.817	5.4	18.6
6 30	16 49.18	−30 27.4	1.880	2.835	8.7	18.8
7 10	16 43.95	−29 33.2	1.961	2.853	11.8	19.1

464836 2005 CU_{14} 6 8.4 123°.68 0°.2/ 8.5 16

5 1	17 40.30	−23 40.8	1.811	2.625	15.7	23.1
5 11	17 34.64	−23 41.6	1.742	2.642	12.2	22.9
5 21	17 26.35	−23 39.6	1.694	2.659	8.3	22.7
5 31	17 16.17	−23 33.6	1.671	2.675	3.9	22.5
6 10	17 5.20	−23 23.7	1.675	2.690	0.7	22.3
6 20	16 54.61	−23 11.0	1.707	2.705	5.2	22.7
6 30	16 45.51	−22 57.5	1.766	2.719	9.3	22.9
7 10	16 38.70	−22 45.8	1.848	2.732	12.8	23.2

435839 2008 WF_{89} 6 8.4 222°.54 0°.9/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.90	−20 8.4	2.159	2.975	13.4	21.1
5 11	17 29.45	−20 11.4	2.069	2.971	10.5	20.9
5 21	17 22.83	−20 14.8	2.001	2.967	7.1	20.7
5 31	17 14.57	−20 18.3	1.958	2.962	3.4	20.4
6 10	17 5.48	−20 22.0	1.943	2.957	1.1	20.3
6 20	16 56.47	−20 26.1	1.956	2.953	4.7	20.5
6 30	16 48.47	−20 31.5	1.996	2.947	8.4	20.7
7 10	16 42.23	−20 39.4	2.059	2.942	11.7	20.9

283717 2002 TB_{160} 6 8.4 302°.02 5°.6/ 7.4 18

5 1	17 31.72	− 9 36.1	1.837	2.658	15.2	20.9
5 11	17 28.27	− 9 8.6	1.731	2.629	12.5	20.6
5 21	17 22.38	− 8 47.9	1.646	2.600	9.3	20.4
5 31	17 14.51	− 8 36.9	1.584	2.571	6.5	20.1
6 10	17 5.47	− 8 38.5	1.547	2.543	5.7	20.0
6 20	16 56.25	− 8 54.2	1.536	2.514	8.0	20.1
6 30	16 47.96	− 9 24.2	1.549	2.486	11.6	20.2
7 10	16 41.55	−10 7.5	1.584	2.457	15.2	20.4

5234 Sechenov 6 8.4 233°.57 9°.7/ 2.4 18 A

5 1	17 34.64	+ 0 51.3	2.330	3.101	13.9	17.2
5 11	17 29.69	+ 3 3.7	2.247	3.091	12.1	17.0
5 21	17 22.82	+ 5 9.3	2.188	3.081	10.5	16.9
5 31	17 14.52	+ 7 1.3	2.154	3.070	9.7	16.8
6 10	17 5.50	+ 8 33.4	2.147	3.059	10.0	16.8
6 20	16 56.56	+ 9 41.3	2.166	3.047	11.3	16.9
6 30	16 48.50	+10 23.3	2.209	3.035	13.1	17.0
7 10	16 41.97	+10 40.6	2.271	3.022	15.0	17.1

488 Kreusa 6 8.4 81°.85 0°.6/ 8.3 18

5 1	17 33.84	−19 44.0	2.320	3.132	12.7	12.9
5 11	17 29.08	−20 1.6	2.247	3.147	9.9	12.7
5 21	17 22.38	−20 20.2	2.198	3.162	6.7	12.5
5 31	17 14.28	−20 39.3	2.174	3.178	3.1	12.3
6 10	17 5.56	−20 58.2	2.179	3.193	0.9	12.2
6 20	16 57.03	−21 16.6	2.211	3.208	4.3	12.4
6 30	16 49.52	−21 35.0	2.272	3.223	7.6	12.7
7 10	16 43.64	−21 53.8	2.357	3.238	10.5	12.9

257170 2008 JD_{1} 6 8.4 261°.45 0°.9/ 8.6 18

5 1	17 32.96	−24 38.2	2.549	3.357	11.8	21.2
5 11	17 28.54	−24 59.4	2.448	3.345	9.3	21.0
5 21	17 22.15	−25 19.1	2.369	3.332	6.4	20.8
5 31	17 14.25	−25 36.1	2.317	3.320	3.1	20.5
6 10	17 5.54	−25 49.5	2.293	3.307	1.0	20.4
6 20	16 56.82	−25 59.0	2.297	3.294	4.1	20.6
6 30	16 48.91	−26 5.3	2.329	3.281	7.4	20.8
7 10	16 42.53	−26 9.8	2.387	3.268	10.4	20.9

417506 2006 SY_{221} 6 8.4 190°.76 1°.4/ 8.7 17

5 1	17 38.79	−26 52.7	2.071	2.877	14.2	22.4
5 11	17 33.46	−27 1.2	1.981	2.876	11.3	22.2
5 21	17 25.63	−27 5.3	1.913	2.874	7.8	22.0
5 31	17 15.91	−27 3.1	1.870	2.872	3.9	21.7
6 10	17 5.24	−26 53.9	1.855	2.869	1.5	21.5
6 20	16 54.72	−26 38.4	1.868	2.865	4.9	21.8
6 30	16 45.42	−26 18.6	1.908	2.860	8.8	22.0
7 10	16 38.18	−25 57.9	1.973	2.855	12.2	22.2

475059 2005 UW_{115} 6 8.4 257°.81 3°.9/ 6.7 17

5 1	17 31.43	−13 58.6	2.490	3.299	12.0	21.2
5 11	17 27.15	−12 56.4	2.391	3.286	9.6	21.0
5 21	17 21.08	−11 54.1	2.317	3.273	6.9	20.8
5 31	17 13.70	−10 54.6	2.269	3.259	4.6	20.6
6 10	17 5.68	−10 0.9	2.249	3.245	4.1	20.6
6 20	16 57.73	− 9 15.6	2.257	3.232	6.1	20.7
6 30	16 50.60	− 8 41.0	2.292	3.217	8.9	20.8
7 10	16 44.90	− 8 18.0	2.351	3.203	11.6	21.0

303669 2005 MD_{36} 6 8.4 255°.74 0°.6/ 8.6 18

5 1	17 33.19	−24 50.6	2.390	3.201	12.4	21.3
5 11	17 28.82	−24 55.6	2.290	3.188	9.8	21.1
5 21	17 22.39	−24 57.8	2.212	3.176	6.7	20.8
5 31	17 14.38	−24 56.5	2.160	3.164	3.2	20.6
6 10	17 5.55	−24 51.3	2.136	3.151	0.8	20.4
6 20	16 56.74	−24 42.6	2.140	3.138	4.3	20.6
6 30	16 48.85	−24 31.9	2.172	3.125	7.8	20.8
7 10	16 42.59	−24 21.2	2.228	3.111	11.0	21.0

243118 2007 RR_{180} 6 8.4 304°.99 2°.3/ 8.9 16

5 1	17 34.37	−28 37.8	1.869	2.689	15.0	20.8
5 11	17 30.40	−28 54.2	1.781	2.682	12.0	20.6
5 21	17 23.77	−29 5.1	1.713	2.676	8.4	20.4
5 31	17 15.11	−29 8.5	1.670	2.670	4.5	20.1
6 10	17 5.41	−29 2.9	1.653	2.664	2.4	20.0
6 20	16 55.82	−28 48.8	1.662	2.658	5.4	20.2
6 30	16 47.50	−28 28.5	1.697	2.653	9.3	20.4
7 10	16 41.36	−28 5.7	1.754	2.647	13.0	20.6

423922 2006 SX_{392} 6 8.4 203°.32 0°.7/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.88	−24 58.9	2.031	2.841	14.3	22.4
5 11	17 32.81	−25 3.5	1.939	2.837	11.3	22.2
5 21	17 25.23	−25 4.8	1.869	2.833	7.7	22.0
5 31	17 15.75	−25 1.6	1.824	2.827	3.7	21.7
6 10	17 5.30	−24 53.3	1.807	2.821	1.0	21.5
6 20	16 54.96	−24 40.5	1.817	2.815	4.9	21.8
6 30	16 45.80	−24 25.3	1.855	2.808	8.9	22.0
7 10	16 38.68	−24 10.4	1.916	2.800	12.5	22.2

501617 2014 SL_{58} 6 8.4 23°.43 3°.5/ 8.2 17

5 1	17 34.82	−15 18.1	1.207	2.057	19.8	21.5
5 11	17 31.58	−15 13.3	1.141	2.060	15.7	21.2
5 21	17 24.98	−15 14.9	1.092	2.063	10.9	20.9
5 31	17 15.77	−15 24.1	1.065	2.067	5.9	20.7
6 10	17 5.30	−15 41.8	1.060	2.071	3.7	20.6
6 20	16 55.09	−16 7.5	1.079	2.076	7.7	20.8
6 30	16 46.67	−16 40.9	1.121	2.080	12.6	21.1
7 10	16 41.12	−17 21.1	1.182	2.086	17.1	21.4

413030 2000 WC_{66} 6 8.4 171°.82 3°.0/ 7.2 16

5 1	17 40.00	−19 27.6	1.996	2.804	14.6	21.5
5 11	17 34.10	−18 11.6	1.911	2.808	11.5	21.3
5 21	17 25.85	−16 51.1	1.850	2.812	7.9	21.0
5 31	17 15.92	−15 29.0	1.815	2.815	4.3	20.8
6 10	17 5.30	−14 9.4	1.809	2.817	3.3	20.8
6 20	16 54.99	−12 56.7	1.833	2.818	6.3	20.9
6 30	16 45.98	−11 54.9	1.883	2.818	9.9	21.2
7 10	16 39.01	−11 6.6	1.958	2.818	13.3	21.4

471491 2011 WZ_{29} 6 8.4 199°.47 1°.9/ 9.2 18

5 1	17 34.62	−31 19.5	2.860	3.650	11.1	21.5
5 11	17 29.51	−31 6.6	2.763	3.646	8.9	21.3
5 21	17 22.59	−30 46.6	2.689	3.643	6.2	21.1
5 31	17 14.38	−30 18.6	2.643	3.639	3.5	21.0
6 10	17 5.59	−29 42.8	2.624	3.634	1.9	20.8
6 20	16 56.97	−29 0.4	2.635	3.629	3.9	21.0
6 30	16 49.26	−28 14.0	2.675	3.624	6.7	21.1
7 10	16 43.05	−27 26.7	2.741	3.618	9.4	21.3

278290 2007 GU_{47} 6 8.4 315°.29 4°.6/ 8.3 18

5 1	17 35.62	−28 53.4	1.553	2.382	17.1	20.3
5 11	17 32.40	−30 8.3	1.457	2.362	13.9	20.1
5 21	17 25.85	−31 23.5	1.380	2.341	10.1	19.8
5 31	17 16.40	−32 33.5	1.326	2.321	6.3	19.5
6 10	17 5.14	−33 32.5	1.297	2.302	4.7	19.4
6 20	16 53.53	−34 16.3	1.292	2.283	7.6	19.5
6 30	16 43.25	−34 44.3	1.312	2.265	11.9	19.7
7 10	16 35.70	−34 59.6	1.353	2.247	16.0	19.9

120807 1998 HK 6 8.4 81°.56 16°.4/ 2.3 18

5 1	17 37.37	+ 0 4.0	1.073	1.902	23.1	19.4
5 11	17 33.34	+ 3 27.0	1.032	1.914	20.2	19.3
5 21	17 25.92	+ 6 33.2	1.009	1.925	17.7	19.2
5 31	17 16.08	+ 9 6.4	1.006	1.937	16.5	19.1
6 10	17 5.30	+10 53.9	1.023	1.949	16.9	19.2
6 20	16 55.13	+11 50.3	1.059	1.961	18.7	19.3
6 30	16 46.97	+11 57.5	1.112	1.973	21.1	19.5
7 10	16 41.74	+11 23.7	1.179	1.984	23.4	19.8

244215 2002 AC_{50} 6 8.4 20°.36 1°.6/ 8.8 17

5 1	17 34.27	−27 50.5	1.181	2.032	20.0	19.9
5 11	17 31.43	−27 38.9	1.115	2.036	15.9	19.6
5 21	17 24.97	−27 18.0	1.068	2.040	10.9	19.4
5 31	17 15.77	−26 46.5	1.041	2.046	5.4	19.1
6 10	17 5.34	−26 5.0	1.037	2.052	1.8	18.9
6 20	16 55.37	−25 17.0	1.057	2.058	6.7	19.2
6 30	16 47.45	−24 28.3	1.099	2.065	12.0	19.5
7 10	16 42.62	−23 44.4	1.161	2.073	16.6	19.8

298303 2003 CY_{16} 6 8.4 67°.09 0°.4/ 8.3 17

5 1	17 33.78	−22 3.5	2.066	2.885	13.8	20.7
5 11	17 29.23	−22 0.6	2.001	2.904	10.7	20.5
5 21	17 22.55	−21 56.3	1.957	2.924	7.2	20.3
5 31	17 14.39	−21 50.4	1.939	2.943	3.3	20.1
6 10	17 5.61	−21 43.3	1.947	2.962	0.8	19.9
6 20	16 57.15	−21 35.6	1.984	2.981	4.6	20.3
6 30	16 49.88	−21 29.0	2.047	3.001	8.1	20.5
7 10	16 44.43	−21 24.9	2.134	3.020	11.3	20.7

118424 1999 TL_{111} 6 8.4 229°.16 0°.1/ 8.4 18

5 1	17 32.07	−23 20.4	2.824	3.629	10.9	20.4
5 11	17 27.54	−23 9.6	2.723	3.619	8.5	20.3
5 21	17 21.31	−22 56.3	2.645	3.609	5.8	20.1
5 31	17 13.82	−22 40.4	2.595	3.598	2.7	19.8
6 10	17 5.71	−22 22.4	2.572	3.587	0.5	19.6
6 20	16 57.66	−22 3.2	2.579	3.576	3.7	19.9
6 30	16 50.38	−21 44.2	2.614	3.564	6.8	20.1
7 10	16 44.45	−21 27.1	2.675	3.552	9.6	20.2

408854 2001 SB_{192} 6 8.4 338°.74 5°.5/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 30.64	−31 12.8	1.025	1.888	21.5	20.5
5 11	17 29.67	−31 57.5	0.951	1.876	17.5	20.2
5 21	17 24.55	−32 33.8	0.894	1.864	12.8	19.9
5 31	17 15.90	−32 55.7	0.855	1.854	7.9	19.6
6 10	17 5.28	−32 58.3	0.836	1.844	5.6	19.4
6 20	16 54.71	−32 40.6	0.839	1.837	8.9	19.5
6 30	16 46.33	−32 7.1	0.861	1.830	14.0	19.8
7 10	16 41.65	−31 25.8	0.901	1.825	19.0	20.0

202574 2006 FD_{14} 6 8.4 325°.35 3°.1/ 7.7 17

5 1	17 32.73	−16 13.3	1.868	2.693	14.8	20.4
5 11	17 28.76	−15 44.8	1.787	2.692	11.7	20.2
5 21	17 22.47	−15 17.9	1.727	2.692	8.1	20.0
5 31	17 14.45	−14 54.4	1.691	2.691	4.6	19.8
6 10	17 5.61	−14 36.1	1.682	2.690	3.2	19.7
6 20	16 56.93	−14 24.7	1.699	2.689	6.1	19.9
6 30	16 49.41	−14 21.4	1.741	2.688	9.8	20.1
7 10	16 43.82	−14 26.8	1.807	2.688	13.2	20.3

478821 2012 VX_{18} 6 8.4 269°.60 0°.8/ 8.3 18

5 1	17 35.17	−20 23.7	2.188	3.000	13.4	22.3
5 11	17 30.68	−20 27.6	2.075	2.975	10.6	22.0
5 21	17 23.87	−20 31.9	1.985	2.950	7.2	21.8
5 31	17 15.20	−20 36.2	1.920	2.924	3.5	21.5
6 10	17 5.44	−20 40.3	1.883	2.897	1.0	21.2
6 20	16 55.54	−20 44.4	1.874	2.870	4.9	21.5
6 30	16 46.52	−20 49.4	1.892	2.843	8.9	21.7
7 10	16 39.23	−20 56.6	1.934	2.815	12.5	21.8

509341 2006 YT_{16} 6 8.4 223°.06 4°.2/ 7.4 18

5 1	17 31.49	− 8 5.2	2.880	3.671	11.0	21.8
5 11	17 26.95	− 7 47.0	2.783	3.662	8.9	21.6
5 21	17 20.85	− 7 34.5	2.709	3.651	6.7	21.5
5 31	17 13.60	− 7 29.3	2.661	3.641	4.8	21.3
6 10	17 5.77	− 7 32.7	2.641	3.630	4.3	21.3
6 20	16 57.97	− 7 45.2	2.650	3.618	5.7	21.4
6 30	16 50.83	− 8 6.9	2.686	3.606	8.0	21.5
7 10	16 44.90	− 8 36.9	2.747	3.594	10.3	21.6

289218 2004 XB_{39} 6 8.4 130°.10 5°.2/ 7.1 18

5 1	17 33.97	− 7 46.3	2.442	3.237	12.7	21.3
5 11	17 28.91	− 7 5.0	2.373	3.253	10.3	21.2
5 21	17 22.13	− 6 29.9	2.327	3.268	7.8	21.1
5 31	17 14.16	− 6 3.6	2.307	3.283	5.7	21.0
6 10	17 5.69	− 5 48.0	2.314	3.297	5.3	20.9
6 20	16 57.45	− 5 44.3	2.349	3.310	6.7	21.1
6 30	16 50.15	− 5 52.6	2.410	3.323	9.0	21.2
7 10	16 44.33	− 6 11.8	2.495	3.336	11.4	21.4

175303 2005 LL_{50} 6 8.4 3°.47 0°.2/ 8.4 17

5 1	17 33.39	−22 22.9	1.328	2.176	18.4	20.1
5 11	17 30.37	−22 24.2	1.256	2.175	14.5	19.8
5 21	17 24.13	−22 24.0	1.202	2.175	9.9	19.5
5 31	17 15.40	−22 21.6	1.170	2.176	4.6	19.2
6 10	17 5.44	−22 16.9	1.162	2.177	0.9	19.0
6 20	16 55.72	−22 11.1	1.178	2.179	6.3	19.3
6 30	16 47.68	−22 6.1	1.217	2.181	11.4	19.6
7 10	16 42.38	−22 4.5	1.277	2.184	15.8	19.9

177079 2003 FA_{47} 6 8.4 5°.30 4°.2/ 9.2 17

5 1	17 34.85	−33 29.3	2.139	2.941	14.0	19.9
5 11	17 30.55	−34 6.8	2.055	2.941	11.3	19.7
5 21	17 23.77	−34 37.2	1.992	2.941	8.3	19.5
5 31	17 15.11	−34 57.2	1.954	2.942	5.5	19.3
6 10	17 5.51	−35 4.6	1.942	2.942	4.2	19.3
6 20	16 56.03	−34 59.0	1.957	2.943	5.9	19.4
6 30	16 47.75	−34 42.6	1.998	2.944	8.8	19.5
7 10	16 41.52	−34 19.0	2.062	2.945	11.8	19.7

267368 2001 XQ_{94} 6 8.4 174°.35 0°.8/ 8.6 17

5 1	17 37.29	−25 34.2	2.233	3.039	13.3	21.6
5 11	17 32.04	−25 37.7	2.147	3.042	10.5	21.4
5 21	17 24.55	−25 37.6	2.082	3.044	7.2	21.2
5 31	17 15.41	−25 32.7	2.043	3.046	3.5	21.0
6 10	17 5.47	−25 22.8	2.033	3.047	1.0	20.8
6 20	16 55.70	−25 8.5	2.050	3.047	4.5	21.1
6 30	16 47.04	−24 51.7	2.096	3.047	8.1	21.3
7 10	16 40.25	−24 35.1	2.166	3.047	11.3	21.5

522948 2016 PF_{113} 6 8.4 268°.70 8°.0/ 6.1 18

5 1	17 30.05	− 0 36.7	2.278	3.066	13.7	21.0
5 11	17 26.18	+ 0 23.1	2.199	3.061	11.6	20.9
5 21	17 20.50	+ 1 12.9	2.140	3.056	9.7	20.7
5 31	17 13.48	+ 1 48.3	2.106	3.051	8.3	20.6
6 10	17 5.83	+ 2 6.1	2.096	3.046	8.2	20.6
6 20	16 58.27	+ 2 4.7	2.112	3.041	9.3	20.7
6 30	16 51.58	+ 1 44.3	2.152	3.036	11.3	20.8
7 10	16 46.35	+ 1 6.9	2.213	3.031	13.4	20.9

6772 1988 BG_4 6 8.4 231°.98 3°.9/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.62	−35 22.6	2.277	3.064	13.7	18.2
5 11	17 33.38	−35 27.9	2.176	3.053	11.2	18.0
5 21	17 25.62	−35 23.2	2.097	3.041	8.3	17.8
5 31	17 15.97	−35 5.5	2.042	3.029	5.4	17.6
6 10	17 5.36	−34 33.5	2.015	3.016	3.9	17.5
6 20	16 54.89	−33 48.4	2.016	3.003	5.6	17.6
6 30	16 45.65	−32 53.4	2.044	2.990	8.6	17.7
7 10	16 38.46	−31 53.6	2.096	2.975	11.7	17.9

497972 2007 BL_{79} 6 8.4 111°.36 7°.9/10.9 17

5 1	17 44.26	−43 57.3	1.915	2.680	16.6	22.3
5 11	17 38.43	−44 37.7	1.845	2.694	14.1	22.2
5 21	17 29.28	−45 2.3	1.795	2.707	11.4	22.0
5 31	17 17.68	−45 5.0	1.767	2.720	9.1	21.9
6 10	17 5.06	−44 42.7	1.764	2.733	7.9	21.9
6 20	16 52.96	−43 56.4	1.786	2.745	8.7	21.9
6 30	16 42.82	−42 51.1	1.833	2.757	10.8	22.1
7 10	16 35.58	−41 34.7	1.903	2.768	13.4	22.3

489031 2005 WF_{135} 6 8.4 237°.56 0°.7/ 8.6 18

5 1	17 37.11	−25 45.4	2.287	3.091	13.1	22.5
5 11	17 32.04	−25 38.1	2.180	3.075	10.4	22.3
5 21	17 24.67	−25 26.4	2.096	3.058	7.1	22.1
5 31	17 15.53	−25 9.2	2.037	3.040	3.5	21.8
6 10	17 5.44	−24 46.5	2.007	3.022	0.9	21.6
6 20	16 55.36	−24 19.5	2.005	3.003	4.6	21.8
6 30	16 46.28	−23 50.4	2.031	2.983	8.4	22.0
7 10	16 39.01	−23 22.2	2.082	2.962	11.8	22.2

122776 2000 SP_{79} 6 8.4 46°.36 5°.3/ 7.5 17

5 1	17 34.51	−13 13.9	1.385	2.224	18.3	19.4
5 11	17 30.84	−12 29.2	1.316	2.227	14.6	19.2
5 21	17 24.21	−11 49.1	1.265	2.230	10.5	18.9
5 31	17 15.37	−11 17.3	1.237	2.233	6.7	18.7
6 10	17 5.48	−10 57.2	1.233	2.236	5.5	18.6
6 20	16 55.88	−10 51.0	1.253	2.239	8.4	18.8
6 30	16 47.85	−10 59.7	1.297	2.243	12.5	19.1
7 10	16 42.31	−11 22.1	1.360	2.246	16.4	19.3

160541 1997 WM_{58} 6 8.4 209°.90 2°.7/ 8.0 17

5 1	17 38.77	−15 44.4	2.048	2.855	14.3	20.4
5 11	17 33.40	−15 35.6	1.952	2.848	11.4	20.2
5 21	17 25.62	−15 29.6	1.879	2.839	7.9	20.0
5 31	17 15.99	−15 27.1	1.830	2.830	4.3	19.8
6 10	17 5.37	−15 28.8	1.810	2.819	2.8	19.6
6 20	16 54.77	−15 35.5	1.818	2.808	5.8	19.8
6 30	16 45.24	−15 47.6	1.852	2.796	9.6	20.0
7 10	16 37.62	−16 5.6	1.911	2.782	13.1	20.2

497707 2006 SP_{98} 6 8.4 225°.69 1°.5/ 8.7 17

5 1	17 38.39	−26 40.2	1.966	2.776	14.7	22.6
5 11	17 33.44	−26 52.0	1.869	2.767	11.7	22.4
5 21	17 25.83	−26 59.8	1.794	2.756	8.1	22.1
5 31	17 16.14	−27 1.5	1.744	2.745	4.1	21.9
6 10	17 5.34	−26 56.0	1.720	2.734	1.6	21.7
6 20	16 54.56	−26 43.6	1.724	2.721	5.2	21.9
6 30	16 44.99	−26 26.5	1.755	2.709	9.3	22.1
7 10	16 37.57	−26 7.9	1.810	2.695	13.0	22.3

71806 2000 SF_{296} 6 8.4 84°.22 3°.9/ 6.9 18

5 1	17 41.76	−20 18.0	1.527	2.351	17.6	18.4
5 11	17 35.74	−18 31.0	1.470	2.376	13.8	18.2
5 21	17 26.98	−16 38.8	1.435	2.400	9.4	18.0
5 31	17 16.42	−14 46.8	1.425	2.424	5.3	17.8
6 10	17 5.34	−13 1.7	1.442	2.448	4.2	17.8
6 20	16 54.99	−11 29.9	1.487	2.472	7.5	18.1
6 30	16 46.45	−10 16.5	1.558	2.495	11.5	18.4
7 10	16 40.41	− 9 23.1	1.651	2.518	15.0	18.6

9815 Mariakirch 6 8.4 202°.80 2°.4/ 9.0 18

5 1	17 35.62	−29 57.2	2.200	3.005	13.5	18.7
5 11	17 30.94	−30 10.2	2.111	3.003	10.8	18.5
5 21	17 23.92	−30 17.1	2.043	3.001	7.6	18.3
5 31	17 15.16	−30 16.0	2.001	2.998	4.3	18.1
6 10	17 5.53	−30 5.9	1.986	2.996	2.5	17.9
6 20	16 56.05	−29 47.3	1.999	2.993	4.9	18.1
6 30	16 47.70	−29 22.6	2.038	2.990	8.3	18.3
7 10	16 41.28	−28 55.0	2.102	2.987	11.5	18.5

323402 2004 BP_{23} 6 8.4 106°.60 3°.0/ 9.1 17

5 1	17 39.18	−30 40.0	1.684	2.499	16.6	20.9
5 11	17 34.26	−30 49.6	1.613	2.510	13.2	20.7
5 21	17 26.38	−30 50.9	1.562	2.521	9.3	20.5
5 31	17 16.33	−30 41.0	1.534	2.532	5.2	20.3
6 10	17 5.34	−30 19.1	1.532	2.542	3.0	20.2
6 20	16 54.74	−29 46.6	1.557	2.552	5.9	20.4
6 30	16 45.80	−29 7.6	1.607	2.562	9.8	20.6
7 10	16 39.40	−28 27.0	1.680	2.572	13.5	20.9

259049 2002 TX_{317} 6 8.5 89°.37 2°.7/ 7.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.92	−18 40.0	1.607	2.436	16.7	21.0
5 11	17 32.18	−18 1.1	1.544	2.452	13.0	20.8
5 21	17 24.78	−17 21.9	1.502	2.469	8.9	20.5
5 31	17 15.52	−16 44.1	1.483	2.485	4.6	20.3
6 10	17 5.51	−16 10.3	1.491	2.501	2.9	20.3
6 20	16 55.95	−15 42.9	1.524	2.517	6.3	20.5
6 30	16 47.92	−15 24.1	1.583	2.533	10.4	20.8
7 10	16 42.20	−15 15.0	1.664	2.548	14.0	21.0

497408 2005 WY_{35} 6 8.5 242°.30 0°.6/ 8.3 18

5 1	17 35.79	−21 21.5	1.996	2.813	14.3	22.2
5 11	17 31.27	−21 20.5	1.898	2.801	11.3	21.9
5 21	17 24.29	−21 18.6	1.823	2.789	7.7	21.7
5 31	17 15.41	−21 15.6	1.772	2.776	3.6	21.4
6 10	17 5.51	−21 11.4	1.748	2.763	1.0	21.2
6 20	16 55.61	−21 6.6	1.752	2.749	5.1	21.4
6 30	16 46.79	−21 2.8	1.782	2.735	9.2	21.7
7 10	16 39.93	−21 1.5	1.836	2.721	12.9	21.9

383229 2006 BG_3 6 8.5 277°.45 3°.1/ 9.2 18

5 1	17 37.71	−31 34.4	1.910	2.718	15.2	21.4
5 11	17 33.31	−31 40.4	1.799	2.691	12.3	21.2
5 21	17 26.01	−31 38.0	1.707	2.664	8.9	20.9
5 31	17 16.35	−31 24.2	1.640	2.636	5.2	20.6
6 10	17 5.32	−30 57.1	1.599	2.608	3.2	20.4
6 20	16 54.17	−30 17.4	1.585	2.580	5.9	20.5
6 30	16 44.24	−29 28.5	1.597	2.551	10.0	20.7
7 10	16 36.63	−28 35.7	1.633	2.522	14.0	20.9

176575 2002 CS_1 6 8.5 150°.48 1°.2/ 8.3 18

5 1	17 33.05	−18 7.7	2.512	3.321	11.9	20.3
5 11	17 28.43	−18 16.4	2.428	3.325	9.3	20.2
5 21	17 21.98	−18 26.8	2.366	3.329	6.3	20.0
5 31	17 14.18	−18 38.8	2.330	3.333	3.1	19.8
6 10	17 5.75	−18 52.2	2.323	3.336	1.4	19.6
6 20	16 57.42	−19 7.2	2.344	3.339	4.2	19.8
6 30	16 49.96	−19 23.8	2.394	3.342	7.4	20.1
7 10	16 43.98	−19 42.5	2.468	3.345	10.3	20.2

156204 2001 UA_{46} 6 8.5 148°.48 1°.9/ 7.9 17

5 1	17 36.25	−18 18.9	2.223	3.032	13.3	20.9
5 11	17 31.03	−17 58.4	2.145	3.042	10.4	20.7
5 21	17 23.75	−17 38.2	2.089	3.051	7.1	20.5
5 31	17 15.00	−17 18.9	2.059	3.060	3.6	20.3
6 10	17 5.61	−17 1.7	2.057	3.068	2.1	20.2
6 20	16 56.44	−16 47.9	2.084	3.076	5.0	20.5
6 30	16 48.35	−16 38.8	2.138	3.083	8.4	20.7
7 10	16 42.01	−16 35.4	2.216	3.089	11.4	20.9

230072 2000 UD_{58} 6 8.5 199°.94 2°.4/ 9.1 18

5 1	17 38.00	−30 34.3	2.583	3.373	12.2	22.5
5 11	17 32.47	−30 47.0	2.485	3.368	9.7	22.3
5 21	17 24.80	−30 53.9	2.411	3.363	6.9	22.2
5 31	17 15.55	−30 53.0	2.362	3.357	4.0	22.0
6 10	17 5.50	−30 43.3	2.342	3.350	2.4	21.8
6 20	16 55.54	−30 25.3	2.351	3.343	4.5	22.0
6 30	16 46.57	−30 0.7	2.388	3.335	7.5	22.1
7 10	16 39.31	−29 32.8	2.450	3.326	10.4	22.3

423868 2006 RL_{29} 6 8.5 279°.57 0°.4/ 8.5 17

5 1	17 35.79	−25 31.8	1.566	2.397	16.9	21.6
5 11	17 32.07	−25 16.0	1.471	2.381	13.5	21.3
5 21	17 25.27	−24 53.8	1.395	2.363	9.3	21.0
5 31	17 16.01	−24 24.3	1.342	2.346	4.5	20.7
6 10	17 5.39	−23 48.1	1.314	2.329	0.9	20.4
6 20	16 54.78	−23 7.2	1.312	2.311	6.0	20.7
6 30	16 45.60	−22 25.9	1.334	2.294	11.0	20.9
7 10	16 38.96	−21 48.7	1.378	2.276	15.5	21.1

106926 2000 YG_{61} 6 8.5 81°.96 1°.9/ 8.1 18

5 1	17 37.83	−19 7.4	1.493	2.325	17.6	20.3
5 11	17 33.12	−18 54.8	1.433	2.343	13.7	20.1
5 21	17 25.55	−18 43.0	1.392	2.361	9.3	19.9
5 31	17 15.92	−18 32.5	1.375	2.379	4.6	19.7
6 10	17 5.45	−18 24.2	1.383	2.397	2.1	19.5
6 20	16 55.43	−18 19.2	1.418	2.414	6.2	19.9
6 30	16 47.08	−18 19.0	1.476	2.431	10.6	20.1
7 10	16 41.21	−18 24.8	1.557	2.448	14.4	20.4

221350 2005 WQ_{103} 6 8.5 140°.33 7°.9/ 4.2 18

5 1	17 38.12	− 9 35.6	1.897	2.702	15.4	19.5
5 11	17 32.65	− 7 11.2	1.822	2.707	12.6	19.3
5 21	17 24.90	− 4 47.1	1.772	2.711	9.9	19.1
5 31	17 15.55	− 2 31.2	1.748	2.715	8.1	19.0
6 10	17 5.52	− 0 31.3	1.753	2.719	8.2	19.1
6 20	16 55.80	+ 1 6.1	1.785	2.722	10.2	19.2
6 30	16 47.34	+ 2 17.7	1.843	2.725	12.9	19.4
7 10	16 40.85	+ 3 3.5	1.921	2.728	15.5	19.5

297082 Bygott 6 8.5 288°.74 4°.2/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.64	−10 36.2	2.208	3.019	13.3	20.3
5 11	17 27.68	−10 25.9	2.111	3.004	10.7	20.1
5 21	17 21.69	−10 21.9	2.035	2.989	7.8	19.9
5 31	17 14.15	−10 25.9	1.985	2.975	5.1	19.7
6 10	17 5.77	−10 39.0	1.961	2.960	4.3	19.6
6 20	16 57.38	−11 1.8	1.964	2.946	6.3	19.7
6 30	16 49.84	−11 33.8	1.994	2.931	9.3	19.9
7 10	16 43.87	−12 14.1	2.047	2.916	12.4	20.0

295302 2008 GF_{113} 6 8.5 54°.98 1°.9/ 9.2 17

5 1	17 34.69	−30 49.0	2.108	2.916	13.9	19.4
5 11	17 30.01	−30 24.0	2.037	2.932	11.0	19.3
5 21	17 23.11	−29 50.1	1.988	2.947	7.6	19.1
5 31	17 14.69	−29 6.9	1.964	2.963	4.1	18.9
6 10	17 5.70	−28 15.4	1.967	2.979	1.9	18.8
6 20	16 57.11	−27 18.4	1.998	2.995	4.6	19.0
6 30	16 49.83	−26 19.8	2.056	3.012	8.0	19.2
7 10	16 44.49	−25 23.5	2.139	3.028	11.1	19.4

38939 2000 SH_{260} 6 8.5 294°.13 5°.5/ 6.7 18 R

5 1	17 32.20	−12 50.0	1.729	2.557	15.7	19.0
5 11	17 28.58	−11 43.3	1.643	2.547	12.6	18.8
5 21	17 22.50	−10 38.2	1.579	2.538	9.3	18.5
5 31	17 14.57	− 9 38.9	1.538	2.528	6.3	18.3
6 10	17 5.70	− 8 49.6	1.523	2.519	5.7	18.3
6 20	16 56.96	− 8 14.1	1.533	2.510	8.2	18.4
6 30	16 49.39	− 7 54.7	1.568	2.501	11.7	18.6
7 10	16 43.84	− 7 51.5	1.624	2.492	15.1	18.8

405089 2001 WD_{72} 6 8.5 134°.05 1°.8/ 8.0 17

5 1	17 38.73	−20 25.0	1.600	2.426	16.9	21.2
5 11	17 33.77	−19 55.0	1.529	2.436	13.2	21.0
5 21	17 25.99	−19 23.1	1.478	2.445	9.0	20.8
5 31	17 16.16	−18 50.3	1.450	2.454	4.4	20.5
6 10	17 5.43	−18 18.5	1.449	2.462	2.1	20.4
6 20	16 55.06	−17 50.1	1.474	2.470	6.1	20.7
6 30	16 46.26	−17 27.8	1.525	2.477	10.5	21.0
7 10	16 39.87	−17 13.8	1.598	2.484	14.4	21.2

98585 2000 WH_{44} 6 8.5 80°.47 2°.0/ 8.4 18

5 1	17 36.39	−15 41.7	1.813	2.633	15.4	19.1
5 11	17 31.67	−16 3.2	1.740	2.643	12.1	18.9
5 21	17 24.48	−16 30.1	1.689	2.653	8.3	18.7
5 31	17 15.45	−17 1.8	1.662	2.664	4.3	18.5
6 10	17 5.56	−17 37.4	1.662	2.674	2.2	18.4
6 20	16 55.86	−18 15.9	1.689	2.684	5.5	18.6
6 30	16 47.42	−18 56.3	1.742	2.694	9.4	18.9
7 10	16 41.06	−19 38.2	1.819	2.705	12.9	19.1

498269 2007 VW_4 6 8.5 240°.08 3°.8/ 8.7 17

5 1	17 41.86	−29 53.7	1.845	2.649	15.8	22.4
5 11	17 36.74	−30 44.9	1.743	2.634	12.8	22.2
5 21	17 28.46	−31 33.0	1.663	2.618	9.2	21.9
5 31	17 17.58	−32 13.4	1.607	2.601	5.6	21.7
6 10	17 5.12	−32 41.9	1.578	2.584	3.9	21.5
6 20	16 52.46	−32 56.4	1.576	2.566	6.5	21.6
6 30	16 41.08	−32 57.9	1.600	2.547	10.5	21.8
7 10	16 32.17	−32 50.3	1.647	2.527	14.3	22.0

377738 2005 XW_{28} 6 8.5 125°.14 0°.3/ 8.4 17

5 1	17 38.08	−25 29.8	2.039	2.848	14.3	21.3
5 11	17 32.61	−24 45.2	1.963	2.861	11.2	21.1
5 21	17 24.86	−23 54.1	1.909	2.873	7.5	20.9
5 31	17 15.52	−22 57.1	1.881	2.885	3.5	20.7
6 10	17 5.56	−21 56.6	1.881	2.896	0.7	20.5
6 20	16 56.00	−20 55.8	1.910	2.907	4.8	20.8
6 30	16 47.77	−19 58.5	1.967	2.917	8.6	21.1
7 10	16 41.55	−19 8.1	2.047	2.927	11.9	21.3

391274 2006 SW_{130} 6 8.5 342°.91 4°.8/ 9.5 18

5 1	17 36.20	−35 40.5	2.164	2.958	14.1	21.4
5 11	17 31.65	−36 15.6	2.079	2.958	11.5	21.3
5 21	17 24.56	−36 42.0	2.015	2.958	8.7	21.1
5 31	17 15.53	−36 56.2	1.976	2.958	6.0	20.9
6 10	17 5.55	−36 55.8	1.962	2.958	4.8	20.8
6 20	16 55.71	−36 40.8	1.976	2.958	6.2	20.9
6 30	16 47.13	−36 13.7	2.015	2.958	9.0	21.1
7 10	16 40.67	−35 38.7	2.078	2.957	11.8	21.3

394335 2006 WN_{199} 6 8.5 255°.80 0°.4/ 8.4 18

5 1	17 33.65	−20 17.6	2.378	3.189	12.5	21.1
5 11	17 29.20	−20 35.2	2.279	3.178	9.8	20.9
5 21	17 22.70	−20 54.0	2.203	3.168	6.7	20.7
5 31	17 14.63	−21 13.3	2.153	3.157	3.2	20.5
6 10	17 5.72	−21 32.4	2.131	3.146	0.7	20.3
6 20	16 56.79	−21 50.9	2.138	3.135	4.3	20.5
6 30	16 48.72	−22 9.3	2.172	3.124	7.9	20.7
7 10	16 42.23	−22 28.0	2.231	3.112	11.0	20.9

403816 2011 UL_{133} 6 8.5 310°.78 2°.1/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.90	−26 54.2	1.166	2.021	20.0	21.2
5 11	17 31.00	−27 4.1	1.077	1.999	16.1	20.8
5 21	17 25.29	−27 7.9	1.005	1.978	11.3	20.5
5 31	17 16.31	−27 2.9	0.953	1.958	5.8	20.1
6 10	17 5.38	−26 47.3	0.924	1.937	2.2	19.8
6 20	16 54.27	−26 21.6	0.916	1.918	7.4	20.1
6 30	16 44.95	−25 50.1	0.930	1.899	13.3	20.3
7 10	16 38.91	−25 18.7	0.963	1.881	18.7	20.5

367135 2006 TX_{29} 6 8.5 283°.80 0°.8/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 28.41	−20 25.1	3.214	4.021	9.6	21.7
5 11	17 24.56	−20 14.8	3.105	4.002	7.5	21.5
5 21	17 19.29	−20 3.8	3.019	3.983	5.1	21.3
5 31	17 12.94	−19 52.4	2.961	3.964	2.5	21.1
6 10	17 6.05	−19 41.0	2.931	3.945	1.0	21.0
6 20	16 59.16	−19 30.4	2.930	3.926	3.5	21.1
6 30	16 52.86	−19 21.6	2.958	3.906	6.2	21.3
7 10	16 47.66	−19 15.5	3.011	3.887	8.7	21.4

230062 2000 SM_{310} 6 8.5 243°.88 0°.6/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.27	−27 26.7	2.109	2.916	14.0	20.8
5 11	17 32.29	−26 52.5	2.006	2.903	11.1	20.6
5 21	17 24.90	−26 10.0	1.926	2.888	7.6	20.4
5 31	17 15.67	−25 19.0	1.871	2.874	3.7	20.1
6 10	17 5.55	−24 20.7	1.844	2.859	0.8	19.8
6 20	16 55.55	−23 17.8	1.846	2.843	4.8	20.1
6 30	16 46.72	−22 14.6	1.875	2.827	8.8	20.3
7 10	16 39.88	−21 15.5	1.928	2.811	12.4	20.5

312680 2010 MG_{104} 6 8.5 267°.48 4°.2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.85	−35 51.9	2.429	3.218	12.9	21.5
5 11	17 30.34	−36 13.5	2.334	3.211	10.5	21.3
5 21	17 23.55	−36 26.6	2.261	3.203	7.9	21.2
5 31	17 15.04	−36 28.2	2.213	3.195	5.4	21.0
6 10	17 5.67	−36 16.8	2.191	3.187	4.2	20.9
6 20	16 56.41	−35 52.7	2.197	3.180	5.6	21.0
6 30	16 48.22	−35 18.1	2.229	3.172	8.2	21.1
7 10	16 41.89	−34 37.0	2.286	3.164	10.9	21.3

435382 2007 XG_{16} 6 8.5 302°.33 2°.7/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.03	−27 3.6	1.831	2.652	15.2	20.8
5 11	17 31.34	−27 47.8	1.725	2.628	12.2	20.5
5 21	17 24.80	−28 31.1	1.640	2.604	8.6	20.2
5 31	17 15.88	−29 10.2	1.579	2.579	4.8	20.0
6 10	17 5.50	−29 42.0	1.544	2.555	2.7	19.8
6 20	16 54.86	−30 4.6	1.535	2.531	6.0	19.9
6 30	16 45.30	−30 18.1	1.552	2.507	10.2	20.1
7 10	16 37.97	−30 25.2	1.591	2.483	14.1	20.3

501666 2014 SJ_{348} 6 8.5 217°.73 2°.4/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.31	−17 40.3	1.692	2.516	16.2	22.6
5 11	17 32.78	−17 27.7	1.605	2.510	12.8	22.4
5 21	17 25.48	−17 16.7	1.538	2.504	8.8	22.1
5 31	17 16.05	−17 8.1	1.496	2.498	4.6	21.9
6 10	17 5.50	−17 2.7	1.479	2.491	2.5	21.7
6 20	16 55.04	−17 1.7	1.489	2.483	6.3	21.9
6 30	16 45.88	−17 6.3	1.524	2.475	10.6	22.2
7 10	16 38.97	−17 17.3	1.582	2.467	14.6	22.4

353603 2011 UH_{1} 6 8.5 237°.84 4°.3/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.23	−34 53.4	2.405	3.195	13.0	20.8
5 11	17 31.49	−35 32.2	2.312	3.188	10.6	20.6
5 21	17 24.39	−36 3.9	2.240	3.182	7.9	20.4
5 31	17 15.48	−36 25.1	2.193	3.175	5.4	20.3
6 10	17 5.61	−36 33.7	2.173	3.168	4.3	20.2
6 20	16 55.79	−36 29.1	2.180	3.161	5.8	20.3
6 30	16 47.02	−36 12.9	2.214	3.154	8.4	20.4
7 10	16 40.14	−35 48.6	2.273	3.147	11.1	20.6

169605 2002 GT_{92} 6 8.5 36°.05 1°.5/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.69	−26 38.1	1.265	2.110	19.3	19.9
5 11	17 32.33	−26 40.1	1.200	2.117	15.3	19.7
5 21	17 25.52	−26 35.6	1.154	2.125	10.5	19.4
5 31	17 16.11	−26 23.0	1.129	2.133	5.2	19.1
6 10	17 5.52	−26 1.9	1.127	2.141	1.7	18.9
6 20	16 55.36	−25 34.5	1.150	2.150	6.4	19.3
6 30	16 47.14	−25 4.7	1.195	2.160	11.5	19.6
7 10	16 41.87	−24 37.2	1.262	2.170	15.9	19.9

504070 2005 YS_{206} 6 8.5 260°.85 4°.3/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.66	−36 0.0	2.129	2.915	14.5	22.0
5 11	17 35.39	−36 4.0	2.016	2.891	12.0	21.8
5 21	17 27.29	−35 56.9	1.923	2.866	9.0	21.5
5 31	17 16.94	−35 34.8	1.855	2.841	5.9	21.3
6 10	17 5.36	−34 55.8	1.814	2.815	4.3	21.1
6 20	16 53.78	−34 0.7	1.801	2.788	6.1	21.2
6 30	16 43.47	−32 53.4	1.814	2.761	9.5	21.3
7 10	16 35.43	−31 40.1	1.852	2.733	13.0	21.5

341320 2007 TP_{4} 6 8.5 172°.66 0°.2/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.45	−22 21.6	2.626	3.429	11.6	22.0
5 11	17 29.49	−22 23.3	2.537	3.432	9.1	21.8
5 21	17 22.70	−22 23.7	2.472	3.435	6.1	21.6
5 31	17 14.58	−22 22.4	2.433	3.437	2.9	21.4
6 10	17 5.82	−22 19.3	2.423	3.438	0.6	21.2
6 20	16 57.18	−22 15.0	2.443	3.439	3.9	21.5
6 30	16 49.42	−22 10.5	2.490	3.440	7.1	21.7
7 10	16 43.15	−22 7.1	2.563	3.440	9.9	21.9

204667 2006 DP_{9} 6 8.5 319°.10 0°.5/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.60	−22 57.8	1.739	2.566	15.6	20.0
5 11	17 30.72	−23 19.7	1.653	2.561	12.3	19.8
5 21	17 24.14	−23 41.3	1.588	2.556	8.4	19.5
5 31	17 15.45	−24 1.0	1.547	2.552	4.0	19.2
6 10	17 5.65	−24 17.5	1.532	2.547	0.9	19.0
6 20	16 55.91	−24 30.4	1.544	2.543	5.4	19.3
6 30	16 47.44	−24 40.4	1.580	2.539	9.7	19.6
7 10	16 41.19	−24 49.6	1.640	2.535	13.6	19.8

505738 2015 BM_{33} 6 8.5 6°.42 0°.1/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.04	−22 3.6	1.408	2.253	17.7	20.9
5 11	17 29.96	−22 12.5	1.335	2.253	14.0	20.7
5 21	17 23.82	−22 20.9	1.281	2.253	9.5	20.4
5 31	17 15.33	−22 27.8	1.249	2.255	4.5	20.1
6 10	17 5.68	−22 32.8	1.242	2.257	0.8	19.9
6 20	16 56.23	−22 36.2	1.259	2.260	6.0	20.2
6 30	16 48.36	−22 39.5	1.300	2.263	10.9	20.5
7 10	16 43.07	−22 44.7	1.362	2.267	15.1	20.8

342447 2008 UA_{99} 6 8.5 225°.50 4°.4/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.17	−34 48.5	2.159	2.952	14.2	21.4
5 11	17 33.26	−35 17.7	2.065	2.945	11.6	21.2
5 21	17 25.72	−35 38.5	1.993	2.937	8.6	21.0
5 31	17 16.15	−35 47.4	1.945	2.930	5.8	20.8
6 10	17 5.53	−35 42.1	1.923	2.922	4.4	20.7
6 20	16 54.99	−35 22.6	1.929	2.914	6.1	20.8
6 30	16 45.69	−34 51.3	1.961	2.905	9.1	21.0
7 10	16 38.54	−34 12.7	2.017	2.896	12.1	21.2

507074 2008 YU_{43} 6 8.5 195°.05 0°.9/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.40	−19 18.3	2.463	3.269	12.3	22.6
5 11	17 30.39	−19 26.2	2.371	3.266	9.6	22.4
5 21	17 23.41	−19 35.0	2.301	3.263	6.5	22.2
5 31	17 14.96	−19 44.5	2.257	3.260	3.2	21.9
6 10	17 5.76	−19 54.4	2.242	3.256	1.1	21.8
6 20	16 56.62	−20 4.9	2.256	3.252	4.3	22.0
6 30	16 48.36	−20 16.4	2.298	3.247	7.7	22.2
7 10	16 41.67	−20 29.6	2.365	3.241	10.7	22.4

426979 2014 AU_{11} 6 8.5 230°.17 4°.3/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.95	−12 25.8	2.013	2.830	14.2	20.7
5 11	17 28.80	−11 51.5	1.928	2.826	11.4	20.5
5 21	17 22.49	−11 21.1	1.865	2.822	8.2	20.3
5 31	17 14.56	−10 56.9	1.826	2.818	5.3	20.1
6 10	17 5.84	−10 41.3	1.813	2.813	4.5	20.0
6 20	16 57.24	−10 35.7	1.828	2.809	6.7	20.2
6 30	16 49.66	−10 41.0	1.868	2.804	9.9	20.3
7 10	16 43.85	−10 56.8	1.931	2.799	13.0	20.5

65278 2002 GW_{101} 6 8.5 353°.48 3°.5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.24	−31 3.4	2.210	3.015	13.5	19.2
5 11	17 30.02	−31 46.5	2.123	3.014	10.8	19.0
5 21	17 23.45	−32 24.7	2.059	3.013	7.8	18.8
5 31	17 15.07	−32 55.1	2.019	3.012	4.8	18.6
6 10	17 5.75	−33 15.2	2.007	3.011	3.5	18.5
6 20	16 56.50	−33 24.5	2.021	3.011	5.4	18.7
6 30	16 48.33	−33 24.0	2.062	3.010	8.5	18.8
7 10	16 42.07	−33 16.6	2.127	3.010	11.4	19.0

475260 2005 WS_{78} 6 8.5 165°.90 0°.7/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.84	−27 7.8	2.568	3.373	11.8	21.6
5 11	17 28.30	−26 46.1	2.479	3.375	9.3	21.4
5 21	17 21.91	−26 18.9	2.414	3.376	6.3	21.2
5 31	17 14.21	−25 46.1	2.374	3.377	3.1	21.0
6 10	17 5.93	−25 8.5	2.363	3.377	0.8	20.8
6 20	16 57.83	−24 27.8	2.381	3.378	3.9	21.1
6 30	16 50.69	−23 46.5	2.426	3.379	7.1	21.3
7 10	16 45.09	−23 7.2	2.497	3.379	10.0	21.5

140813 2001 UN_{159} 6 8.5 161°.72 0°.7/ 8.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.79	−21 27.0	2.361	3.175	12.5	20.8
5 11	17 28.39	−21 16.4	2.276	3.177	9.8	20.6
5 21	17 22.06	−21 4.5	2.213	3.178	6.6	20.4
5 31	17 14.31	−20 51.4	2.176	3.180	3.1	20.2
6 10	17 5.91	−20 37.6	2.167	3.181	0.9	20.0
6 20	16 57.65	−20 24.2	2.186	3.183	4.3	20.3
6 30	16 50.34	−20 12.5	2.232	3.184	7.7	20.5
7 10	16 44.63	−20 4.1	2.303	3.185	10.7	20.7

129526 1996 AZ_{11} 6 8.5 255°.87 2°.5/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.09	−17 54.9	1.963	2.785	14.3	20.7
5 11	17 29.02	−17 24.1	1.877	2.782	11.3	20.5
5 21	17 22.69	−16 53.1	1.812	2.778	7.8	20.3
5 31	17 14.67	−16 23.5	1.773	2.774	4.1	20.0
6 10	17 5.84	−15 57.2	1.760	2.770	2.7	19.9
6 20	16 57.14	−15 36.0	1.774	2.766	5.7	20.1
6 30	16 49.55	−15 21.7	1.814	2.762	9.4	20.3
7 10	16 43.81	−15 15.6	1.877	2.757	12.8	20.5

46037 2001 DF_{33} 6 8.5 345°.35 26°.3/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 18.49	+26 44.5	1.195	1.930	26.3	16.8
5 11	17 19.11	+30 8.5	1.153	1.903	26.4	16.7
5 21	17 16.81	+32 55.1	1.123	1.879	26.8	16.6
5 31	17 12.16	+34 50.5	1.104	1.857	27.4	16.6
6 10	17 6.26	+35 45.7	1.093	1.837	28.2	16.6
6 20	17 0.38	+35 36.4	1.091	1.821	29.0	16.6
6 30	16 55.91	+34 23.6	1.095	1.807	29.9	16.6
7 10	16 53.93	+32 13.5	1.106	1.797	30.7	16.6

377773 2005 YO_{168} 6 8.5 188°.30 0°.1/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.48	−23 30.1	2.315	3.122	12.9	22.2
5 11	17 31.35	−23 17.8	2.225	3.121	10.1	22.0
5 21	17 24.09	−23 2.5	2.156	3.120	6.9	21.8
5 31	17 15.29	−22 43.9	2.114	3.118	3.2	21.5
6 10	17 5.73	−22 22.4	2.101	3.115	0.6	21.3
6 20	16 56.33	−21 59.4	2.115	3.112	4.4	21.6
6 30	16 47.95	−21 36.8	2.158	3.109	8.0	21.8
7 10	16 41.32	−21 16.8	2.225	3.104	11.2	22.0

149475 2003 EX_{21} 6 8.5 71°.56 6°.6/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.16	− 4 12.7	2.148	2.946	14.1	20.0
5 11	17 27.77	− 3 34.1	2.089	2.965	11.6	19.9
5 21	17 21.53	− 3 5.4	2.052	2.985	9.1	19.7
5 31	17 14.01	− 2 49.8	2.038	3.004	7.1	19.7
6 10	17 5.98	− 2 49.2	2.050	3.023	6.7	19.7
6 20	16 58.22	− 3 4.1	2.089	3.043	8.0	19.8
6 30	16 51.49	− 3 33.4	2.152	3.062	10.2	19.9
7 10	16 46.36	− 4 15.1	2.239	3.081	12.4	20.1

46120 2001 FY_{34} 6 8.5 326°.57 8°.9/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 26.46	− 9 19.3	1.145	2.006	19.9	18.0
5 11	17 25.49	− 8 11.0	1.058	1.978	16.5	17.7
5 21	17 21.30	− 7 8.3	0.987	1.951	12.8	17.4
5 31	17 14.39	− 6 18.5	0.936	1.925	9.7	17.1
6 10	17 5.85	− 5 49.1	0.906	1.900	9.1	17.0
6 20	16 57.10	− 5 45.2	0.896	1.876	12.0	17.1
6 30	16 49.75	− 6 9.0	0.906	1.854	16.3	17.2
7 10	16 45.13	− 6 58.2	0.933	1.833	20.8	17.4

508553 2016 UX_{45} 6 8.5 174°.66 0°.3/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.45	−25 42.1	2.588	3.395	11.7	21.3
5 11	17 27.97	−25 20.2	2.499	3.395	9.2	21.2
5 21	17 21.69	−24 53.8	2.433	3.396	6.2	21.0
5 31	17 14.11	−24 22.8	2.393	3.396	2.9	20.8
6 10	17 5.96	−23 48.1	2.382	3.397	0.6	20.5
6 20	16 57.97	−23 11.4	2.399	3.397	3.9	20.8
6 30	16 50.91	−22 34.9	2.445	3.397	7.1	21.0
7 10	16 45.35	−22 1.0	2.515	3.397	9.9	21.2

310501 2000 VG_{56} 6 8.5 219°.34 3°.7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.15	−33 44.3	2.843	3.623	11.4	21.0
5 11	17 31.88	−34 32.5	2.742	3.615	9.3	20.8
5 21	17 24.53	−35 15.8	2.666	3.606	6.9	20.6
5 31	17 15.56	−35 51.0	2.615	3.598	4.7	20.5
6 10	17 5.70	−36 15.8	2.593	3.589	3.7	20.4
6 20	16 55.78	−36 29.2	2.600	3.579	5.1	20.5
6 30	16 46.70	−36 32.0	2.635	3.569	7.5	20.6
7 10	16 39.20	−36 26.6	2.694	3.559	9.9	20.8

308591 2005 US_{525} 6 8.5 262°.36 0°.6/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.74	−24 4.1	1.807	2.629	15.3	21.4
5 11	17 31.59	−24 13.6	1.714	2.619	12.1	21.2
5 21	17 24.74	−24 21.0	1.642	2.609	8.3	20.9
5 31	17 15.77	−24 24.8	1.595	2.599	4.0	20.7
6 10	17 5.66	−24 24.4	1.573	2.588	0.9	20.4
6 20	16 55.58	−24 20.1	1.579	2.577	5.3	20.7
6 30	16 46.72	−24 13.4	1.610	2.567	9.7	20.9
7 10	16 40.06	−24 7.0	1.664	2.556	13.6	21.1

82628 2001 OC_{105} 6 8.5 199°.81 4°.0/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.53	−33 56.2	2.414	3.204	12.9	19.4
5 11	17 31.66	−34 32.6	2.324	3.202	10.5	19.2
5 21	17 24.48	−35 2.3	2.256	3.200	7.7	19.0
5 31	17 15.54	−35 22.1	2.213	3.198	5.1	18.9
6 10	17 5.71	−35 30.1	2.197	3.196	4.0	18.8
6 20	16 55.96	−35 25.7	2.209	3.193	5.5	18.9
6 30	16 47.27	−35 10.8	2.248	3.190	8.2	19.1
7 10	16 40.45	−34 48.6	2.312	3.187	10.9	19.2

478146 2011 US_{152} 6 8.5 220°.88 2°.4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.78	−17 0.5	2.698	3.505	11.3	21.6
5 11	17 27.34	−16 21.3	2.602	3.498	8.9	21.4
5 21	17 21.24	−15 41.6	2.530	3.491	6.2	21.2
5 31	17 13.92	−15 3.1	2.485	3.483	3.5	21.0
6 10	17 6.01	−14 27.5	2.468	3.475	2.5	20.9
6 20	16 58.21	−13 56.6	2.480	3.467	4.8	21.1
6 30	16 51.18	−13 32.0	2.520	3.458	7.6	21.2
7 10	16 45.50	−13 14.8	2.584	3.449	10.3	21.4

302343 2002 AL_{142} 6 8.5 97°.47 0°.0/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.68	−23 43.6	1.498	2.326	17.7	21.6
5 11	17 34.73	−23 35.2	1.434	2.343	13.8	21.4
5 21	17 26.76	−23 23.3	1.391	2.359	9.3	21.2
5 31	17 16.60	−23 7.0	1.370	2.375	4.4	20.9
6 10	17 5.55	−22 47.1	1.375	2.390	0.8	20.7
6 20	16 54.97	−22 25.1	1.406	2.405	5.8	21.1
6 30	16 46.13	−22 4.2	1.463	2.420	10.4	21.4
7 10	16 39.92	−21 47.4	1.541	2.435	14.4	21.7

146137 2000 SG_{28} 6 8.5 197°.30 0°.3/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.30	−25 28.8	2.474	3.282	12.1	20.0
5 11	17 28.75	−25 8.1	2.383	3.281	9.5	19.8
5 21	17 22.28	−24 42.9	2.316	3.279	6.5	19.6
5 31	17 14.42	−24 13.1	2.274	3.277	3.1	19.4
6 10	17 5.93	−23 39.4	2.260	3.275	0.6	19.2
6 20	16 57.60	−23 3.6	2.276	3.273	4.1	19.4
6 30	16 50.23	−22 28.0	2.318	3.271	7.4	19.6
7 10	16 44.44	−21 55.1	2.386	3.268	10.4	19.8

411249 2010 RY_{82} 6 8.5 168°.48 1°.9/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.52	−25 59.1	1.770	2.585	15.9	21.4
5 11	17 34.56	−26 31.3	1.688	2.588	12.6	21.1
5 21	17 26.73	−27 1.1	1.627	2.590	8.7	20.9
5 31	17 16.69	−27 25.7	1.591	2.592	4.5	20.7
6 10	17 5.51	−27 42.8	1.581	2.594	2.0	20.5
6 20	16 54.46	−27 51.7	1.598	2.595	5.6	20.7
6 30	16 44.82	−27 53.9	1.641	2.596	9.7	21.0
7 10	16 37.57	−27 52.4	1.708	2.596	13.5	21.2

311375 2005 SH_{203} 6 8.5 184°.77 3°.1/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.45	−34 14.3	3.230	4.005	10.3	22.3
5 11	17 30.16	−34 42.1	3.136	4.005	8.3	22.2
5 21	17 23.13	−35 4.0	3.065	4.005	6.1	22.0
5 31	17 14.82	−35 17.9	3.020	4.004	4.1	21.9
6 10	17 5.86	−35 22.6	3.005	4.002	3.1	21.8
6 20	16 56.97	−35 17.9	3.018	4.000	4.3	21.9
6 30	16 48.86	−35 5.2	3.060	3.997	6.5	22.0
7 10	16 42.14	−34 46.6	3.128	3.994	8.6	22.2

219786 2002 AY_{76} 6 8.5 223°.13 0°.7/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.30	−24 38.5	2.275	3.080	13.1	21.6
5 11	17 32.22	−24 46.7	2.174	3.069	10.4	21.4
5 21	17 24.87	−24 52.5	2.096	3.058	7.1	21.2
5 31	17 15.75	−24 54.6	2.043	3.046	3.4	20.9
6 10	17 5.69	−24 52.2	2.019	3.033	0.9	20.7
6 20	16 55.64	−24 45.8	2.023	3.020	4.5	20.9
6 30	16 46.58	−24 36.7	2.055	3.006	8.3	21.1
7 10	16 39.32	−24 27.2	2.111	2.991	11.6	21.3

146906 2002 CD_{119} 6 8.5 114°.50 0°.8/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.73	−20 43.8	2.452	3.264	12.1	20.6
5 11	17 28.22	−20 36.6	2.373	3.273	9.5	20.5
5 21	17 21.88	−20 28.7	2.317	3.282	6.4	20.3
5 31	17 14.22	−20 20.3	2.287	3.290	3.0	20.1
6 10	17 5.98	−20 11.8	2.285	3.299	1.0	19.9
6 20	16 57.93	−20 3.9	2.311	3.307	4.2	20.2
6 30	16 50.80	−19 58.0	2.365	3.315	7.4	20.4
7 10	16 45.21	−19 55.0	2.443	3.323	10.2	20.6

469416 2001 XH_{124} 6 8.5 150°.86 0°.4/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.52	−21 17.4	2.986	3.786	10.5	22.9
5 11	17 28.50	−21 19.5	2.902	3.795	8.2	22.8
5 21	17 21.91	−21 20.9	2.842	3.804	5.5	22.6
5 31	17 14.21	−21 21.3	2.810	3.813	2.6	22.4
6 10	17 5.99	−21 20.9	2.806	3.821	0.6	22.3
6 20	16 57.91	−21 19.9	2.833	3.829	3.5	22.5
6 30	16 50.60	−21 19.3	2.887	3.835	6.3	22.7
7 10	16 44.59	−21 19.9	2.968	3.842	8.8	22.9

505627 2014 HP_{113} 6 8.5 116°.66 0°.1/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.91	−21 39.2	2.680	3.482	11.5	22.4
5 11	17 29.73	−21 53.4	2.605	3.499	8.9	22.2
5 21	17 22.80	−22 7.2	2.554	3.516	6.0	22.0
5 31	17 14.63	−22 19.8	2.530	3.533	2.8	21.8
6 10	17 5.92	−22 30.8	2.534	3.549	0.5	21.7
6 20	16 57.39	−22 40.3	2.568	3.565	3.8	22.0
6 30	16 49.76	−22 48.8	2.630	3.580	6.8	22.2
7 10	16 43.60	−22 57.3	2.718	3.595	9.4	22.4

290241 2005 SY_{90} 6 8.5 284°.78 4°.1/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.09	−33 26.3	2.270	3.068	13.4	20.7
5 11	17 30.80	−34 3.8	2.171	3.055	10.9	20.5
5 21	17 24.08	−34 35.0	2.093	3.041	8.1	20.3
5 31	17 15.44	−34 56.7	2.041	3.028	5.3	20.1
6 10	17 5.76	−35 6.5	2.015	3.015	4.1	20.0
6 20	16 56.05	−35 3.6	2.016	3.001	5.8	20.1
6 30	16 47.38	−34 49.6	2.043	2.988	8.7	20.2
7 10	16 40.65	−34 27.9	2.095	2.975	11.7	20.4

470672 2008 SX_{205} 6 8.5 212°.51 0°.4/ 8.5 17

5 1	17 35.72	−23 1.9	2.043	2.858	14.1	21.8
5 11	17 31.17	−23 19.8	1.954	2.855	11.1	21.6
5 21	17 24.23	−23 37.0	1.887	2.852	7.5	21.4
5 31	17 15.46	−23 52.1	1.846	2.849	3.6	21.1
6 10	17 5.76	−24 4.2	1.831	2.846	0.7	20.9
6 20	16 56.13	−24 13.0	1.844	2.842	4.8	21.2
6 30	16 47.60	−24 19.5	1.884	2.839	8.7	21.4
7 10	16 41.00	−24 25.4	1.948	2.835	12.1	21.6

188245 2002 VW_{112} 6 8.5 182°.41 0°.1/ 8.5 17

5 1	17 37.63	−22 51.6	2.060	2.871	14.1	21.7
5 11	17 32.54	−22 49.1	1.973	2.872	11.1	21.5
5 21	17 25.07	−22 44.4	1.908	2.872	7.5	21.2
5 31	17 15.82	−22 37.0	1.868	2.872	3.5	21.0
6 10	17 5.71	−22 26.9	1.856	2.871	0.7	20.8
6 20	16 55.75	−22 15.0	1.872	2.870	4.8	21.1
6 30	16 46.95	−22 3.0	1.915	2.867	8.7	21.3
7 10	16 40.11	−21 53.2	1.982	2.865	12.2	21.5

435769 2008 UA_{268} 6 8.5 264°.12 3°.4/ 8.8 17

5 1	17 37.27	−29 26.9	1.916	2.727	15.0	21.1
5 11	17 32.82	−30 14.9	1.827	2.722	12.0	20.9
5 21	17 25.61	−30 59.4	1.760	2.717	8.6	20.7
5 31	17 16.21	−31 36.5	1.717	2.712	5.1	20.5
6 10	17 5.63	−32 3.2	1.700	2.707	3.4	20.3
6 20	16 55.04	−32 18.1	1.711	2.702	5.9	20.5
6 30	16 45.70	−32 22.4	1.747	2.697	9.5	20.7
7 10	16 38.61	−32 19.2	1.806	2.692	13.0	20.9

117043 2004 JL_{26} 6 8.5 0°.92 0°.9/ 8.3 18

5 1	17 31.93	−21 11.5	2.016	2.840	13.9	19.9
5 11	17 28.11	−20 59.1	1.933	2.840	10.9	19.7
5 21	17 22.08	−20 45.2	1.872	2.840	7.4	19.5
5 31	17 14.41	−20 30.4	1.835	2.840	3.5	19.2
6 10	17 5.97	−20 15.4	1.826	2.840	1.2	19.0
6 20	16 57.69	−20 1.3	1.843	2.840	4.9	19.3
6 30	16 50.49	−19 49.9	1.886	2.841	8.7	19.5
7 10	16 45.12	−19 42.8	1.953	2.842	12.0	19.7

44533 1998 YN_{9} 6 8.5 44°.49 6°.2/ 9.8 18

5 1	17 38.22	−36 13.9	1.483	2.299	18.4	17.6
5 11	17 34.23	−36 52.9	1.419	2.311	15.1	17.4
5 21	17 26.78	−37 19.4	1.374	2.323	11.3	17.2
5 31	17 16.75	−37 28.0	1.351	2.335	7.8	17.0
6 10	17 5.56	−37 15.9	1.351	2.348	6.2	17.0
6 20	16 54.84	−36 44.1	1.375	2.361	7.9	17.1
6 30	16 46.08	−35 57.5	1.424	2.375	11.2	17.3
7 10	16 40.31	−35 3.4	1.494	2.388	14.7	17.6

474916 2005 SU_{218} 6 8.5 224°.08 4°.5/ 9.1 18 R

5 1	17 37.61	−36 46.9	2.946	3.716	11.3	21.9
5 11	17 32.27	−37 36.9	2.844	3.706	9.3	21.7
5 21	17 24.82	−38 20.6	2.766	3.696	7.2	21.6
5 31	17 15.73	−38 54.7	2.714	3.686	5.2	21.4
6 10	17 5.73	−39 16.7	2.689	3.675	4.5	21.4
6 20	16 55.67	−39 25.6	2.693	3.663	5.5	21.4
6 30	16 46.44	−39 22.3	2.725	3.652	7.6	21.5
7 10	16 38.81	−39 9.6	2.782	3.640	9.8	21.7

504001 2005 AO_{9} 6 8.5 146°.53 6°.4/11.5 17

5 1	17 45.34	−45 28.9	2.500	3.238	13.9	21.5
5 11	17 38.41	−45 34.4	2.418	3.248	11.8	21.4
5 21	17 28.86	−45 24.4	2.356	3.257	9.5	21.3
5 31	17 17.50	−44 55.1	2.318	3.266	7.5	21.1
6 10	17 5.47	−44 4.9	2.307	3.274	6.4	21.1
6 20	16 53.98	−42 55.5	2.324	3.282	7.0	21.1
6 30	16 44.11	−41 31.6	2.368	3.289	8.8	21.3
7 10	16 36.59	−39 59.8	2.438	3.296	11.0	21.4

136683 1995 SG_{34} 6 8.5 339°.66 1°.4/ 8.7 17

5 1	17 30.40	−25 11.6	1.162	2.023	19.7	20.4
5 11	17 28.79	−25 24.9	1.084	2.011	15.7	20.1
5 21	17 23.61	−25 34.3	1.024	1.999	10.8	19.8
5 31	17 15.50	−25 38.1	0.984	1.989	5.4	19.5
6 10	17 5.78	−25 34.9	0.966	1.980	1.6	19.2
6 20	16 56.12	−25 25.2	0.970	1.972	6.9	19.5
6 30	16 48.25	−25 12.1	0.996	1.966	12.5	19.8
7 10	16 43.46	−24 59.5	1.041	1.960	17.4	20.1

350930 2002 TT_{202} 6 8.5 290°.69 1°.9/ 8.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.98	−18 11.1	2.016	2.836	14.1	21.9
5 11	17 30.05	−18 2.9	1.901	2.804	11.2	21.6
5 21	17 23.69	−17 55.7	1.807	2.773	7.8	21.4
5 31	17 15.35	−17 50.1	1.738	2.741	4.0	21.1
6 10	17 5.81	−17 46.7	1.696	2.709	2.1	20.9
6 20	16 56.05	−17 46.5	1.681	2.676	5.6	21.0
6 30	16 47.17	−17 50.6	1.692	2.643	9.7	21.2
7 10	16 40.11	−18 0.0	1.727	2.610	13.6	21.4

335065 2004 RF_{221} 6 8.5 233°.32 0°.4/ 8.4 18

5 1	17 36.41	−24 0.8	2.349	3.155	12.8	21.3
5 11	17 31.38	−23 31.4	2.245	3.141	10.1	21.1
5 21	17 24.21	−22 57.1	2.163	3.126	6.9	20.9
5 31	17 15.42	−22 18.2	2.108	3.111	3.2	20.6
6 10	17 5.82	−21 35.7	2.081	3.096	0.7	20.4
6 20	16 56.29	−20 51.8	2.083	3.079	4.5	20.6
6 30	16 47.74	−20 9.2	2.113	3.062	8.2	20.8
7 10	16 40.90	−19 31.0	2.168	3.045	11.5	21.0

358328 2006 VB_{29} 6 8.5 150°.74 2°.6/ 9.1 18

5 1	17 36.32	−31 41.4	3.266	4.044	10.1	22.6
5 11	17 30.73	−32 13.8	3.181	4.055	8.1	22.4
5 21	17 23.47	−32 41.4	3.119	4.065	5.8	22.3
5 31	17 14.98	−33 2.4	3.086	4.075	3.6	22.1
6 10	17 5.91	−33 15.5	3.081	4.084	2.6	22.1
6 20	16 56.94	−33 20.6	3.106	4.092	4.0	22.2
6 30	16 48.76	−33 18.5	3.160	4.100	6.2	22.3
7 10	16 41.92	−33 11.3	3.241	4.107	8.4	22.5

247770 2003 QA_{74} 6 8.5 252°.46 1°.5/ 8.8 17

5 1	17 38.47	−27 24.7	1.709	2.528	16.2	21.0
5 11	17 34.04	−27 21.0	1.611	2.513	13.0	20.7
5 21	17 26.60	−27 10.9	1.533	2.497	9.0	20.4
5 31	17 16.75	−26 52.4	1.479	2.481	4.6	20.1
6 10	17 5.58	−26 24.8	1.450	2.464	1.6	19.9
6 20	16 54.41	−25 49.7	1.448	2.447	5.8	20.1
6 30	16 44.62	−25 10.5	1.472	2.429	10.4	20.3
7 10	16 37.29	−24 31.9	1.519	2.411	14.6	20.5

496214 2011 US_{246} 6 8.5 283°.99 0°.5/ 8.6 17

5 1	17 37.40	−23 37.7	1.406	2.243	18.2	21.9
5 11	17 34.04	−23 45.4	1.303	2.216	14.6	21.6
5 21	17 27.18	−23 51.3	1.218	2.188	10.1	21.3
5 31	17 17.28	−23 53.7	1.155	2.160	4.9	20.9
6 10	17 5.45	−23 51.1	1.116	2.131	1.0	20.5
6 20	16 53.23	−23 43.6	1.102	2.102	6.8	20.8
6 30	16 42.38	−23 33.5	1.111	2.073	12.5	21.1
7 10	16 34.36	−23 24.5	1.141	2.043	17.6	21.3

101887 1999 NG_{42} 6 8.5 292°.71 1°.6/ 8.8 18

5 1	17 35.56	−26 39.8	1.461	2.296	17.7	19.7
5 11	17 32.36	−26 45.7	1.363	2.275	14.2	19.4
5 21	17 25.83	−26 46.1	1.284	2.253	9.9	19.1
5 31	17 16.53	−26 39.0	1.228	2.231	5.0	18.7
6 10	17 5.60	−26 23.0	1.196	2.210	1.8	18.4
6 20	16 54.53	−25 58.8	1.188	2.188	6.4	18.7
6 30	16 44.92	−25 29.8	1.204	2.167	11.6	18.9
7 10	16 38.05	−25 0.8	1.242	2.146	16.4	19.1

250834 2005 US_{140} 6 8.5 316°.59 2°.0/ 7.9 17

5 1	17 30.35	−19 36.3	1.891	2.722	14.4	20.8
5 11	17 27.21	−19 8.6	1.791	2.701	11.4	20.5
5 21	17 21.71	−18 39.2	1.712	2.680	7.9	20.3
5 31	17 14.36	−18 9.3	1.657	2.660	4.0	20.0
6 10	17 6.02	−17 40.7	1.628	2.640	2.2	19.8
6 20	16 57.66	−17 15.5	1.625	2.620	5.7	20.0
6 30	16 50.33	−16 56.0	1.647	2.601	9.7	20.2
7 10	16 44.88	−16 44.0	1.693	2.583	13.5	20.4

235803 2004 XE_{39} 6 8.5 270°.17 7°.2/ 7.1 15

5 1	17 33.60	− 4 40.9	1.994	2.794	14.9	21.0
5 11	17 29.50	− 4 2.2	1.896	2.775	12.5	20.7
5 21	17 23.14	− 3 32.7	1.819	2.755	9.9	20.5
5 31	17 15.02	− 3 16.3	1.765	2.734	7.7	20.4
6 10	17 5.90	− 3 16.1	1.737	2.714	7.3	20.3
6 20	16 56.72	− 3 33.7	1.734	2.693	9.0	20.4
6 30	16 48.46	− 4 9.0	1.756	2.672	11.7	20.5
7 10	16 41.93	− 4 59.9	1.801	2.650	14.7	20.6

42543 1996 BR 6 8.5 178°.42 1°.7/ 8.2 18

5 1	17 35.57	−17 0.1	2.310	3.117	12.9	19.7
5 11	17 30.63	−17 5.1	2.222	3.118	10.2	19.6
5 21	17 23.64	−17 12.6	2.157	3.119	7.0	19.4
5 31	17 15.15	−17 22.6	2.119	3.120	3.6	19.1
6 10	17 5.90	−17 35.1	2.108	3.120	1.9	19.0
6 20	16 56.75	−17 50.3	2.126	3.120	4.7	19.2
6 30	16 48.54	−18 8.2	2.172	3.119	8.1	19.4
7 10	16 41.98	−18 29.3	2.242	3.118	11.2	19.6

302158 2001 SN_{317} 6 8.5 207°.18 0°.9/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 39.87	−24 48.3	1.680	2.500	16.5	22.0
5 11	17 35.02	−24 58.3	1.593	2.495	13.0	21.8
5 21	17 27.18	−25 5.3	1.525	2.491	9.0	21.5
5 31	17 16.99	−25 7.5	1.482	2.485	4.4	21.2
6 10	17 5.56	−25 3.7	1.465	2.479	1.1	21.0
6 20	16 54.23	−24 54.4	1.474	2.473	5.7	21.3
6 30	16 44.33	−24 41.9	1.510	2.466	10.3	21.5
7 10	16 36.92	−24 29.4	1.568	2.458	14.4	21.7

169853 2002 RK_{38} 6 8.5 297°.33 4°.8/ 7.2 17

5 1	17 31.70	−12 47.1	1.863	2.688	14.9	20.7
5 11	17 28.26	−12 3.0	1.761	2.664	12.0	20.5
5 21	17 22.44	−11 21.4	1.680	2.639	8.8	20.2
5 31	17 14.73	−10 45.3	1.623	2.615	5.8	20.0
6 10	17 5.96	−10 17.9	1.591	2.591	5.0	19.9
6 20	16 57.10	−10 1.6	1.585	2.567	7.5	20.0
6 30	16 49.23	− 9 58.4	1.604	2.543	11.1	20.1
7 10	16 43.21	−10 8.5	1.645	2.519	14.7	20.3

382924 2004 RJ_{341} 6 8.5 300°.24 2°.2/ 9.3 17

5 1	17 36.04	−31 26.0	1.682	2.501	16.4	20.5
5 11	17 32.12	−30 56.6	1.587	2.487	13.2	20.3
5 21	17 25.23	−30 14.6	1.512	2.474	9.3	20.0
5 31	17 16.05	−29 18.3	1.460	2.460	5.0	19.7
6 10	17 5.74	−28 8.5	1.434	2.447	2.2	19.5
6 20	16 55.62	−26 49.0	1.435	2.434	5.7	19.7
6 30	16 47.00	−25 25.8	1.461	2.421	10.2	19.9
7 10	16 40.87	−24 5.7	1.510	2.408	14.4	20.1

504093 2006 DP_{34} 6 8.5 78°.94 5°.9/ 7.3 17

5 1	17 33.28	− 9 1.1	1.840	2.657	15.4	21.8
5 11	17 29.09	− 8 16.7	1.773	2.667	12.4	21.6
5 21	17 22.68	− 7 39.4	1.727	2.678	9.3	21.4
5 31	17 14.69	− 7 12.6	1.705	2.688	6.7	21.3
6 10	17 6.00	− 6 58.9	1.708	2.698	6.0	21.3
6 20	16 57.58	− 6 59.7	1.737	2.709	7.9	21.4
6 30	16 50.34	− 7 15.0	1.791	2.719	10.8	21.6
7 10	16 44.98	− 7 43.1	1.867	2.730	13.7	21.8

391524 2007 RM_{199} 6 8.5 167°.54 0°.8/ 8.7 17

5 1	17 34.96	−25 35.7	2.257	3.067	13.1	22.3
5 11	17 30.28	−25 35.1	2.172	3.069	10.3	22.1
5 21	17 23.46	−25 30.7	2.108	3.071	7.0	21.9
5 31	17 15.07	−25 21.8	2.070	3.073	3.4	21.6
6 10	17 5.93	−25 8.2	2.060	3.074	0.9	21.5
6 20	16 56.96	−24 51.0	2.078	3.076	4.4	21.7
6 30	16 49.05	−24 31.9	2.123	3.077	7.9	21.9
7 10	16 42.91	−24 13.4	2.192	3.077	11.1	22.1

507801 2014 BZ_{63} 6 8.5 212°.93 0°.3/ 8.5 17

5 1	17 35.60	−21 39.8	2.297	3.106	12.9	22.5
5 11	17 30.80	−21 47.5	2.202	3.100	10.2	22.3
5 21	17 23.86	−21 54.7	2.130	3.094	6.9	22.1
5 31	17 15.29	−22 0.8	2.084	3.087	3.3	21.9
6 10	17 5.89	−22 5.4	2.065	3.080	0.7	21.6
6 20	16 56.52	−22 8.7	2.075	3.073	4.4	21.9
6 30	16 48.11	−22 11.7	2.113	3.065	8.1	22.1
7 10	16 41.40	−22 15.7	2.175	3.056	11.3	22.3

394248 2006 TN_{85} 6 8.5 35°.73 1°.6/ 7.9 17

5 1	17 32.29	−21 4.6	2.003	2.826	14.0	20.7
5 11	17 28.30	−20 24.5	1.925	2.831	11.0	20.5
5 21	17 22.15	−19 41.5	1.869	2.836	7.4	20.3
5 31	17 14.45	−18 57.2	1.838	2.841	3.7	20.0
6 10	17 6.07	−18 13.7	1.834	2.847	1.8	19.9
6 20	16 57.94	−17 33.5	1.857	2.852	5.1	20.1
6 30	16 50.96	−16 59.2	1.907	2.858	8.8	20.4
7 10	16 45.80	−16 32.9	1.980	2.864	12.1	20.6

344757 2003 WK_{20} 6 8.5 212°.68 4°.2/ 9.1 17

5 1	17 39.02	−33 59.8	2.469	3.253	12.8	21.5
5 11	17 33.68	−34 46.6	2.372	3.247	10.4	21.3
5 21	17 25.95	−35 27.5	2.298	3.240	7.8	21.1
5 31	17 16.35	−35 58.9	2.249	3.232	5.3	20.9
6 10	17 5.72	−36 18.1	2.228	3.224	4.2	20.9
6 20	16 55.07	−36 24.1	2.235	3.216	5.7	20.9
6 30	16 45.44	−36 18.0	2.270	3.207	8.4	21.1
7 10	16 37.68	−36 3.2	2.329	3.198	11.1	21.3

243273 2008 BH_{18} 6 8.5 2°.08 6°.6/ 7.3 17

5 1	17 30.25	− 5 45.6	1.999	2.810	14.5	20.1
5 11	17 26.68	− 5 7.9	1.923	2.809	12.0	19.9
5 21	17 21.08	− 4 39.4	1.868	2.809	9.3	19.7
5 31	17 13.97	− 4 23.3	1.836	2.809	7.2	19.6
6 10	17 6.16	− 4 22.2	1.829	2.810	6.7	19.6
6 20	16 58.49	− 4 37.0	1.848	2.811	8.2	19.7
6 30	16 51.81	− 5 7.2	1.892	2.812	10.7	19.8
7 10	16 46.79	− 5 50.6	1.957	2.814	13.4	20.0

183973 2004 EH_{11} 6 8.5 49°.71 4°.3/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.11	−30 40.3	1.452	2.280	18.2	20.4
5 11	17 34.12	−31 25.2	1.386	2.289	14.6	20.2
5 21	17 26.76	−32 3.2	1.338	2.299	10.4	20.0
5 31	17 16.82	−32 29.7	1.313	2.308	6.3	19.8
6 10	17 5.66	−32 41.4	1.312	2.319	4.3	19.7
6 20	16 54.83	−32 38.0	1.336	2.329	7.0	19.9
6 30	16 45.82	−32 22.5	1.384	2.340	11.0	20.1
7 10	16 39.69	−32 0.3	1.453	2.351	14.8	20.4

179480 2002 CU_{3} 6 8.5 134°.95 0°.0/ 8.4 18

5 1	17 33.39	−22 17.9	2.529	3.337	11.9	20.5
5 11	17 28.79	−22 27.1	2.446	3.343	9.3	20.3
5 21	17 22.33	−22 35.4	2.386	3.349	6.3	20.1
5 31	17 14.52	−22 42.2	2.352	3.355	2.9	19.9
6 10	17 6.08	−22 47.2	2.346	3.361	0.5	19.7
6 20	16 57.76	−22 50.8	2.369	3.366	3.9	20.0
6 30	16 50.35	−22 53.6	2.419	3.371	7.2	20.2
7 10	16 44.44	−22 56.9	2.495	3.376	10.0	20.4

476191 2007 UP_{28} 6 8.5 249°.98 0°.1/ 8.5 18

5 1	17 34.44	−23 9.2	2.324	3.135	12.7	22.3
5 11	17 29.95	−23 2.1	2.221	3.120	10.0	22.1
5 21	17 23.34	−22 52.6	2.140	3.104	6.8	21.8
5 31	17 15.09	−22 40.2	2.085	3.089	3.2	21.6
6 10	17 5.97	−22 25.3	2.058	3.073	0.6	21.3
6 20	16 56.87	−22 8.7	2.059	3.056	4.4	21.6
6 30	16 48.68	−21 52.1	2.087	3.039	8.1	21.8
7 10	16 42.15	−21 37.6	2.140	3.022	11.4	22.0

482342 2011 VX_{21} 6 8.5 268°.20 2°.7/ 8.7 18

5 1	17 36.88	−28 30.7	2.361	3.161	12.9	21.9
5 11	17 32.13	−29 18.5	2.253	3.143	10.3	21.7
5 21	17 25.01	−30 4.4	2.168	3.124	7.3	21.5
5 31	17 15.97	−30 45.4	2.109	3.105	4.3	21.3
6 10	17 5.81	−31 18.9	2.078	3.086	2.8	21.1
6 20	16 55.47	−31 43.2	2.075	3.067	5.1	21.2
6 30	16 46.01	−31 58.6	2.100	3.047	8.4	21.4
7 10	16 38.31	−32 7.1	2.149	3.027	11.5	21.6

86267 1999 TM_{256} 6 8.5 304°.35 0°.1/ 8.5 18

5 1	17 31.74	−22 52.9	2.097	2.919	13.5	19.8
5 11	17 28.12	−22 49.2	1.996	2.901	10.7	19.6
5 21	17 22.25	−22 43.3	1.916	2.884	7.3	19.3
5 31	17 14.62	−22 35.1	1.862	2.866	3.5	19.1
6 10	17 6.06	−22 24.7	1.834	2.849	0.6	18.8
6 20	16 57.48	−22 12.9	1.833	2.832	4.7	19.1
6 30	16 49.86	−22 1.4	1.858	2.815	8.7	19.3
7 10	16 44.02	−21 52.1	1.907	2.798	12.2	19.5

355749 2008 HE_{67} 6 8.5 100°.24 3°.7/ 7.4 17

5 1	17 30.80	−12 36.8	2.483	3.292	12.1	21.3
5 11	17 26.65	−12 1.3	2.406	3.299	9.6	21.1
5 21	17 20.81	−11 29.0	2.352	3.307	6.9	21.0
5 31	17 13.78	−11 1.9	2.323	3.314	4.5	20.8
6 10	17 6.23	−10 41.7	2.323	3.321	3.8	20.8
6 20	16 58.84	−10 29.7	2.350	3.329	5.6	20.9
6 30	16 52.31	−10 26.6	2.403	3.336	8.2	21.1
7 10	16 47.18	−10 32.5	2.481	3.343	10.7	21.3

260668 2005 JH_{4} 6 8.5 35°.13 1°.5/ 8.3 17

5 1	17 34.64	−19 35.7	1.287	2.135	18.9	20.4
5 11	17 31.32	−19 35.3	1.225	2.144	14.8	20.1
5 21	17 24.80	−19 36.4	1.181	2.154	10.1	19.9
5 31	17 15.88	−19 38.9	1.159	2.164	4.9	19.6
6 10	17 5.87	−19 43.1	1.160	2.174	1.7	19.4
6 20	16 56.21	−19 49.5	1.186	2.185	6.5	19.8
6 30	16 48.32	−19 59.1	1.235	2.197	11.4	20.1
7 10	16 43.14	−20 13.2	1.304	2.209	15.7	20.4

384052 2008 UD_{248} 6 8.5 102°.46 1°.4/ 8.2 17

5 1	17 34.39	−20 26.3	2.023	2.842	14.1	21.6
5 11	17 29.91	−20 4.2	1.947	2.851	11.0	21.4
5 21	17 23.23	−19 40.7	1.894	2.860	7.4	21.2
5 31	17 14.98	−19 16.7	1.865	2.868	3.6	21.0
6 10	17 6.03	−18 53.5	1.864	2.877	1.6	20.9
6 20	16 57.34	−18 32.5	1.890	2.886	5.0	21.1
6 30	16 49.81	−18 15.7	1.943	2.894	8.7	21.3
7 10	16 44.13	−18 4.6	2.019	2.902	11.9	21.6

16209 Sterner 6 8.5 253°.43 0°.4/ 8.4 18

5 1	17 36.95	−22 26.4	1.853	2.672	15.2	19.6
5 11	17 32.54	−22 19.8	1.752	2.655	12.0	19.4
5 21	17 25.44	−22 11.0	1.672	2.639	8.2	19.1
5 31	17 16.21	−21 59.5	1.617	2.621	3.9	18.8
6 10	17 5.79	−21 45.5	1.588	2.603	0.8	18.5
6 20	16 55.33	−21 29.9	1.587	2.585	5.4	18.8
6 30	16 46.03	−21 15.0	1.612	2.566	9.9	19.0
7 10	16 38.85	−21 3.3	1.659	2.547	13.8	19.2

344931 2004 TQ_{169} 6 8.5 254.°05 1.°0/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.64	−24 54.7	2.081	2.893	14.0	21.3
5 11	17 32.07	−25 10.2	1.978	2.877	11.1	21.1
5 21	17 25.02	−25 23.6	1.896	2.860	7.6	20.8
5 31	17 15.99	−25 33.3	1.840	2.843	3.8	20.5
6 10	17 5.85	−25 38.1	1.811	2.825	1.1	20.3
6 20	16 55.63	−25 38.0	1.809	2.807	4.9	20.5
6 30	16 46.45	−25 34.1	1.834	2.788	8.9	20.7
7 10	16 39.20	−25 28.9	1.884	2.770	12.5	20.9

182200 2000 UH_{111} 6 8.5 233.°26 2.°3/ 7.8 18

5 1	17 31.79	−16 26.5	2.713	3.519	11.2	21.3
5 11	17 27.44	−16 1.3	2.613	3.509	8.9	21.1
5 21	17 21.40	−15 36.8	2.537	3.498	6.2	20.9
5 31	17 14.11	−15 14.1	2.488	3.486	3.4	20.7
6 10	17 6.19	−14 54.5	2.467	3.475	2.4	20.6
6 20	16 58.33	−14 39.2	2.474	3.463	4.6	20.8
6 30	16 51.20	−14 29.4	2.510	3.450	7.5	20.9
7 10	16 45.40	−14 25.8	2.570	3.437	10.2	21.1

134093 2004 XP_{111} 6 8.5 102.°02 2.°1/ 8.9 18

5 1	17 37.11	−27 42.4	2.018	2.828	14.4	20.4
5 11	17 32.25	−28 6.9	1.943	2.840	11.4	20.2
5 21	17 24.95	−28 27.2	1.890	2.851	7.9	20.0
5 31	17 15.84	−28 41.0	1.862	2.862	4.2	19.8
6 10	17 5.91	−28 46.9	1.861	2.873	2.1	19.7
6 20	16 56.20	−28 45.1	1.887	2.883	5.0	19.9
6 30	16 47.76	−28 37.3	1.940	2.894	8.5	20.1
7 10	16 41.38	−28 26.4	2.017	2.904	11.8	20.4

299429 2006 AO_{6} 6 8.5 88.°17 4.°6/ 9.4 17

5 1	17 40.65	−32 23.9	1.374	2.199	19.2	20.7
5 11	17 36.33	−32 51.7	1.307	2.207	15.4	20.4
5 21	17 28.37	−33 9.5	1.257	2.216	11.2	20.2
5 31	17 17.63	−33 12.4	1.229	2.224	6.8	20.0
6 10	17 5.60	−32 58.0	1.225	2.232	4.6	19.9
6 20	16 54.00	−32 27.2	1.246	2.240	7.3	20.1
6 30	16 44.44	−31 45.0	1.290	2.248	11.5	20.3
7 10	16 38.01	−30 58.5	1.356	2.256	15.6	20.6

147934 6302 P–L 6 8.5 218.°17 0.°6/ 8.6 17

5 1	17 37.95	−24 43.3	2.011	2.822	14.4	21.8
5 11	17 33.05	−24 45.1	1.916	2.814	11.4	21.6
5 21	17 25.62	−24 43.6	1.842	2.806	7.8	21.3
5 31	17 16.24	−24 37.7	1.794	2.797	3.8	21.1
6 10	17 5.85	−24 27.0	1.773	2.788	0.8	20.8
6 20	16 55.51	−24 12.2	1.780	2.778	4.9	21.1
6 30	16 46.33	−23 55.3	1.813	2.767	9.0	21.3
7 10	16 39.19	−23 39.2	1.871	2.756	12.6	21.5

224870 2007 AR_{28} 6 8.5 61.°80 0.°8/ 8.4 17

5 1	17 35.79	−20 27.7	1.619	2.450	16.5	20.5
5 11	17 31.67	−20 35.3	1.547	2.457	12.9	20.3
5 21	17 24.79	−20 43.7	1.495	2.464	8.8	20.0
5 31	17 15.85	−20 52.2	1.466	2.471	4.2	19.8
6 10	17 5.93	−21 0.5	1.463	2.478	1.1	19.6
6 20	16 56.24	−21 8.7	1.487	2.486	5.6	19.9
6 30	16 47.99	−21 17.8	1.535	2.493	10.0	20.2
7 10	16 42.05	−21 29.1	1.606	2.501	13.8	20.4

470626 2008 SP_{30} 6 8.5 301.°07 3.°6/ 9.4 17

5 1	17 35.73	−32 17.5	1.728	2.545	16.2	21.2
5 11	17 31.95	−32 27.8	1.637	2.534	13.1	21.0
5 21	17 25.20	−32 28.8	1.566	2.524	9.5	20.7
5 31	17 16.13	−32 17.5	1.518	2.513	5.7	20.5
6 10	17 5.86	−31 52.2	1.495	2.503	3.6	20.3
6 20	16 55.71	−31 14.1	1.498	2.493	6.2	20.4
6 30	16 47.00	−30 26.9	1.526	2.483	10.1	20.6
7 10	16 40.76	−29 36.3	1.577	2.474	13.9	20.9

352298 2007 TT_{434} 6 8.5 271.°00 0.°2/ 8.5 18

5 1	17 36.81	−21 17.2	2.157	2.967	13.6	20.7
5 11	17 32.17	−21 50.3	2.047	2.946	10.8	20.5
5 21	17 25.12	−22 25.7	1.960	2.924	7.4	20.2
5 31	17 16.09	−23 1.8	1.899	2.902	3.5	19.9
6 10	17 5.87	−23 36.9	1.865	2.880	0.7	19.7
6 20	16 55.46	−24 9.5	1.860	2.858	4.8	19.9
6 30	16 45.92	−24 39.4	1.882	2.835	8.8	20.1
7 10	16 38.19	−25 7.3	1.929	2.812	12.4	20.3

185051 2006 RV_{7} 6 8.5 226.°16 1.°2/ 8.3 18

5 1	17 37.50	−20 30.0	1.949	2.764	14.7	22.0
5 11	17 32.71	−20 17.5	1.852	2.754	11.6	21.7
5 21	17 25.41	−20 3.9	1.778	2.743	7.9	21.5
5 31	17 16.16	−19 49.4	1.728	2.731	3.9	21.2
6 10	17 5.88	−19 34.5	1.706	2.719	1.4	21.0
6 20	16 55.62	−19 20.6	1.711	2.707	5.4	21.3
6 30	16 46.50	−19 9.4	1.742	2.693	9.5	21.5
7 10	16 39.39	−19 2.9	1.797	2.680	13.2	21.7

438131 2005 QU_{155} 6 8.5 312.°01 7.°5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 30.76	− 4 2.1	1.907	2.715	15.2	20.5
5 11	17 27.43	− 3 28.5	1.811	2.693	12.8	20.3
5 21	17 21.86	− 3 5.5	1.734	2.672	10.2	20.1
5 31	17 14.51	− 2 57.1	1.681	2.650	8.1	19.9
6 10	17 6.16	− 3 6.5	1.652	2.629	7.6	19.8
6 20	16 57.75	− 3 35.0	1.648	2.608	9.2	19.9
6 30	16 50.24	− 4 21.9	1.668	2.588	12.0	20.0
7 10	16 44.48	− 5 24.6	1.710	2.568	14.9	20.1

131244 2001 FD 6 8.5 75.°21 3.°6/ 8.1 18

5 1	17 34.86	−13 5.7	1.868	2.686	15.1	19.9
5 11	17 30.34	−12 55.7	1.802	2.702	11.9	19.8
5 21	17 23.56	−12 51.3	1.758	2.718	8.4	19.6
5 31	17 15.17	−12 53.6	1.738	2.734	5.0	19.4
6 10	17 6.08	−13 3.5	1.745	2.750	3.7	19.4
6 20	16 57.28	−13 21.1	1.778	2.766	6.2	19.5
6 30	16 49.70	−13 46.1	1.837	2.782	9.5	19.8
7 10	16 44.04	−14 17.7	1.920	2.798	12.7	20.0

27050 1998 SW_{4} 6 8.5 242.°95 3.°1/ 8.9 17

5 1	17 40.74	−28 32.8	1.592	2.411	17.2	19.0
5 11	17 36.25	−29 8.0	1.499	2.399	13.9	18.8
5 21	17 28.41	−29 39.2	1.425	2.386	9.9	18.5
5 31	17 17.80	−30 2.5	1.374	2.373	5.5	18.2
6 10	17 5.58	−30 14.4	1.349	2.359	3.2	18.0
6 20	16 53.27	−30 13.7	1.349	2.345	6.6	18.2
6 30	16 42.45	−30 2.5	1.375	2.330	11.2	18.4
7 10	16 34.39	−29 45.4	1.423	2.315	15.4	18.6

506183 2016 GE_{61} 6 8.5 321.°37 2.°0/ 8.1 17

5 1	17 30.67	−21 0.1	1.231	2.088	19.0	21.3
5 11	17 28.79	−20 30.3	1.143	2.069	15.1	21.0
5 21	17 23.56	−19 56.7	1.074	2.050	10.4	20.7
5 31	17 15.55	−19 20.7	1.026	2.031	5.2	20.3
6 10	17 5.97	−18 44.7	1.000	2.014	2.3	20.1
6 20	16 56.35	−18 12.3	0.997	1.997	7.4	20.3
6 30	16 48.30	−17 47.3	1.016	1.981	12.9	20.6
7 10	16 43.09	−17 32.9	1.054	1.966	17.9	20.8

479201 2013 CS_{90} 6 8.5 129.°52 4.°5/ 7.6 16

5 1	17 31.41	− 9 34.2	2.326	3.133	12.8	21.7
5 11	17 27.31	− 9 9.8	2.245	3.134	10.4	21.5
5 21	17 21.39	− 8 51.3	2.186	3.136	7.7	21.3
5 31	17 14.14	− 8 40.8	2.152	3.137	5.3	21.2
6 10	17 6.26	− 8 39.8	2.145	3.138	4.6	21.1
6 20	16 58.50	− 8 49.0	2.165	3.140	6.3	21.2
6 30	16 51.61	− 9 8.6	2.211	3.141	9.0	21.4
7 10	16 46.21	− 9 37.4	2.281	3.142	11.6	21.6

393378 1999 VR_{138} 6 8.5 290.°41 2.°2/ 8.6 18

5 1	17 35.40	−26 28.0	2.303	3.110	13.0	21.0
5 11	17 30.99	−27 16.3	2.199	3.094	10.3	20.8
5 21	17 24.26	−28 4.1	2.117	3.077	7.2	20.6
5 31	17 15.66	−28 48.8	2.061	3.060	3.9	20.4
6 10	17 5.98	−29 27.6	2.033	3.044	2.2	20.2
6 20	16 56.15	−29 59.1	2.033	3.027	4.9	20.4
6 30	16 47.19	−30 23.1	2.060	3.010	8.3	20.5
7 10	16 39.97	−30 41.2	2.112	2.994	11.5	20.7

475934 2007 EC_{93} 6 8.5 207.°26 3.°6/ 9.6 18

5 1	17 35.07	−34 51.9	2.654	3.440	12.0	22.0
5 11	17 30.31	−35 8.6	2.562	3.437	9.7	21.9
5 21	17 23.50	−35 17.6	2.491	3.434	7.2	21.7
5 31	17 15.16	−35 16.6	2.446	3.431	4.8	21.5
6 10	17 6.10	−35 4.3	2.429	3.428	3.6	21.4
6 20	16 57.15	−34 41.4	2.439	3.424	4.9	21.5
6 30	16 49.19	−34 9.8	2.477	3.421	7.5	21.7
7 10	16 42.91	−33 32.8	2.540	3.417	10.0	21.8

195406 2002 GT_{35} 6 8.5 275.°92 2.°2/ 8.9 18

5 1	17 35.77	−28 12.5	1.858	2.676	15.2	20.7
5 11	17 31.70	−28 28.9	1.766	2.666	12.1	20.5
5 21	17 24.92	−28 40.3	1.694	2.656	8.5	20.2
5 31	17 16.00	−28 44.4	1.646	2.646	4.6	20.0
6 10	17 5.95	−28 39.8	1.624	2.636	2.3	19.8
6 20	16 55.94	−28 26.8	1.628	2.626	5.4	20.0
6 30	16 47.19	−28 7.5	1.659	2.615	9.5	20.2
7 10	16 40.64	−27 45.7	1.712	2.605	13.2	20.4

473164 2015 KC_{31} 6 8.5 205.°29 2.°2/ 8.9 17

5 1	17 36.23	−28 13.2	2.147	2.954	13.7	21.2
5 11	17 31.61	−28 36.4	2.058	2.952	10.9	21.0
5 21	17 24.59	−28 55.5	1.990	2.950	7.6	20.8
5 31	17 15.76	−29 8.1	1.948	2.947	4.2	20.6
6 10	17 6.01	−29 13.0	1.934	2.945	2.2	20.4
6 20	16 56.34	−29 9.9	1.946	2.942	4.9	20.6
6 30	16 47.78	−29 0.6	1.986	2.939	8.4	20.8
7 10	16 41.17	−28 47.8	2.050	2.935	11.7	21.0

155221 2005 VT_{38} 6 8.5 272°.32 1°.3/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.89	−19 4.6	2.391	3.206	12.3	20.8
5 11	17 27.85	−18 57.4	2.293	3.194	9.7	20.6
5 21	17 21.88	−18 50.4	2.218	3.183	6.6	20.3
5 31	17 14.44	−18 44.2	2.169	3.171	3.3	20.1
6 10	17 6.24	−18 39.3	2.147	3.160	1.5	20.0
6 20	16 58.08	−18 36.3	2.153	3.148	4.5	20.2
6 30	16 50.75	−18 36.3	2.186	3.137	7.9	20.3
7 10	16 44.94	−18 40.1	2.244	3.125	11.0	20.5

522969 2016 PA_{116} 6 8.5 285°.30 0°.7/ 8.4 16

5 1	17 33.44	−22 13.9	1.941	2.764	14.4	21.6
5 11	17 29.57	−21 58.2	1.846	2.752	11.4	21.3
5 21	17 23.30	−21 39.9	1.773	2.741	7.7	21.1
5 31	17 15.19	−21 19.0	1.725	2.729	3.7	20.8
6 10	17 6.11	−20 56.6	1.703	2.718	1.0	20.6
6 20	16 57.10	−20 34.1	1.708	2.706	5.1	20.9
6 30	16 49.19	−20 13.8	1.739	2.695	9.2	21.1
7 10	16 43.22	−19 57.9	1.794	2.683	12.9	21.3

10581 Jeníkhollan 6 8.5 86°.64 5°.9/ 7.3 18

5 1	17 31.80	− 6 28.2	2.189	2.992	13.7	19.0
5 11	17 27.66	− 5 50.5	2.117	3.000	11.2	18.8
5 21	17 21.63	− 5 20.7	2.067	3.008	8.6	18.7
5 31	17 14.26	− 5 1.9	2.041	3.015	6.5	18.5
6 10	17 6.29	− 4 56.0	2.042	3.023	6.0	18.5
6 20	16 58.50	− 5 4.1	2.069	3.031	7.5	18.6
6 30	16 51.68	− 5 25.7	2.121	3.039	9.9	18.8
7 10	16 46.41	− 5 59.4	2.197	3.047	12.4	19.0

146848 2002 AC_{85} 6 8.5 130°.05 3°.0/ 7.8 18

5 1	17 32.16	−13 44.3	2.562	3.368	11.8	20.6
5 11	17 27.69	−13 23.5	2.483	3.376	9.3	20.4
5 21	17 21.53	−13 5.6	2.428	3.385	6.6	20.3
5 31	17 14.19	−12 52.1	2.399	3.393	4.0	20.1
6 10	17 6.30	−12 44.0	2.398	3.401	3.1	20.1
6 20	16 58.58	−12 42.2	2.425	3.409	5.0	20.2
6 30	16 51.70	−12 47.1	2.479	3.417	7.8	20.4
7 10	16 46.21	−12 58.8	2.558	3.424	10.3	20.6

118434 1999 TY_{250} 6 8.5 241°.65 0°.9/ 8.2 18

5 1	17 32.68	−21 56.1	2.753	3.558	11.1	20.3
5 11	17 28.15	−21 23.3	2.650	3.546	8.7	20.2
5 21	17 21.91	−20 47.4	2.570	3.533	5.9	20.0
5 31	17 14.40	−20 9.2	2.517	3.520	2.9	19.7
6 10	17 6.27	−19 29.8	2.493	3.506	1.1	19.6
6 20	16 58.22	−18 51.2	2.498	3.493	4.0	19.8
6 30	16 50.94	−18 15.3	2.531	3.479	7.1	19.9
7 10	16 45.03	−17 44.2	2.590	3.464	9.9	20.1

437713 2014 DL_{94} 6 8.6 219°.49 1°.4/ 8.9 18

5 1	17 36.06	−27 38.2	2.352	3.156	12.8	22.1
5 11	17 31.23	−27 39.6	2.255	3.148	10.2	21.9
5 21	17 24.22	−27 36.2	2.180	3.140	7.0	21.7
5 31	17 15.56	−27 26.6	2.131	3.132	3.6	21.5
6 10	17 6.08	−27 10.4	2.110	3.123	1.5	21.3
6 20	16 56.67	−26 48.5	2.117	3.114	4.4	21.5
6 30	16 48.27	−26 22.9	2.152	3.105	7.9	21.7
7 10	16 41.63	−25 56.5	2.211	3.095	11.0	21.9

269948 2000 SN_{58} 6 8.6 222°.81 1°.8/ 8.1 18

5 1	17 35.29	−18 58.8	2.105	2.920	13.7	21.4
5 11	17 30.73	−18 38.0	2.012	2.912	10.8	21.2
5 21	17 23.94	−18 16.7	1.940	2.904	7.4	21.0
5 31	17 15.45	−17 55.7	1.894	2.896	3.8	20.8
6 10	17 6.10	−17 36.2	1.875	2.887	2.0	20.6
6 20	16 56.83	−17 19.7	1.884	2.878	5.2	20.8
6 30	16 48.59	−17 7.8	1.920	2.869	8.9	21.0
7 10	16 42.15	−17 1.9	1.980	2.859	12.3	21.2

216403 2008 ER_{105} 6 8.6 253°.56 4°.9/ 7.5 18

5 1	17 31.50	− 8 25.8	2.386	3.189	12.7	20.8
5 11	17 27.42	− 7 59.9	2.295	3.181	10.3	20.6
5 21	17 21.52	− 7 40.4	2.227	3.173	7.8	20.4
5 31	17 14.27	− 7 29.3	2.183	3.165	5.6	20.2
6 10	17 6.32	− 7 28.6	2.167	3.157	5.0	20.2
6 20	16 58.43	− 7 39.0	2.178	3.148	6.6	20.3
6 30	16 51.35	− 8 0.6	2.214	3.140	9.2	20.4
7 10	16 45.70	− 8 32.3	2.275	3.131	11.8	20.6

76845 2000 VJ_{2} 6 8.6 222°.01 4°.1/ 8.5 18

5 1	17 41.24	− 9 44.9	1.955	2.752	15.3	19.5
5 11	17 35.64	−10 4.3	1.857	2.742	12.4	19.3
5 21	17 27.46	−10 33.9	1.780	2.731	9.0	19.0
5 31	17 17.22	−11 14.6	1.728	2.720	5.6	18.8
6 10	17 5.81	−12 5.9	1.705	2.708	4.1	18.7
6 20	16 54.30	−13 6.3	1.710	2.695	6.6	18.8
6 30	16 43.83	−14 13.6	1.742	2.682	10.3	19.0
7 10	16 35.33	−15 25.7	1.799	2.668	13.8	19.2

385250 2001 DH_{47} 6 8.6 80°.79 34°.1/19.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 40.19	+31 8.4	0.762	1.503	37.2	20.6
5 11	17 37.23	+33 43.3	0.742	1.508	36.3	20.5
5 21	17 29.58	+35 19.7	0.728	1.512	35.5	20.5
5 31	17 18.38	+35 41.2	0.718	1.517	34.8	20.4
6 10	17 5.64	+34 37.9	0.714	1.522	34.3	20.4
6 20	16 53.62	+32 8.5	0.717	1.527	34.1	20.4
6 30	16 44.36	+28 21.6	0.729	1.532	34.3	20.5
7 10	16 39.11	+23 35.2	0.750	1.536	34.9	20.5

307171 2002 EW_{31} 6 8.6 54°.61 5°.6/10.0 16

5 1	17 36.75	−38 36.7	2.179	2.964	14.3	20.5
5 11	17 32.15	−39 11.4	2.105	2.974	11.8	20.3
5 21	17 24.99	−39 35.2	2.051	2.984	9.1	20.1
5 31	17 15.95	−39 44.5	2.021	2.994	6.7	20.0
6 10	17 6.06	−39 37.2	2.017	3.004	5.6	20.0
6 20	16 56.43	−39 13.6	2.039	3.014	6.7	20.0
6 30	16 48.16	−38 36.7	2.087	3.024	9.0	20.2
7 10	16 42.05	−37 51.4	2.159	3.035	11.6	20.4

293228 2007 BM_{59} 6 8.6 114°.94 2°.5/ 7.9 18

5 1	17 31.65	−15 36.7	2.459	3.270	12.1	21.2
5 11	17 27.43	−15 16.8	2.378	3.276	9.5	21.0
5 21	17 21.44	−14 58.9	2.321	3.281	6.6	20.8
5 31	17 14.19	−14 44.1	2.289	3.287	3.8	20.6
6 10	17 6.36	−14 33.6	2.285	3.292	2.6	20.6
6 20	16 58.69	−14 28.2	2.309	3.298	4.9	20.7
6 30	16 51.88	−14 28.9	2.360	3.303	7.8	20.9
7 10	16 46.53	−14 35.7	2.435	3.308	10.5	21.1

39746 1997 BW 6 8.6 187°.49 4°.9/ 7.8 18

5 1	17 35.11	− 8 28.4	2.262	3.060	13.4	19.8
5 11	17 30.29	− 8 10.6	2.177	3.060	10.9	19.6
5 21	17 23.48	− 7 59.9	2.113	3.059	8.1	19.4
5 31	17 15.20	− 7 58.4	2.075	3.058	5.7	19.3
6 10	17 6.19	− 8 7.4	2.064	3.056	4.9	19.2
6 20	16 57.28	− 8 27.3	2.080	3.054	6.7	19.3
6 30	16 49.29	− 8 57.7	2.124	3.051	9.4	19.5
7 10	16 42.90	− 9 37.3	2.191	3.047	12.2	19.7

61715 2000 QX_{141} 6 8.6 312°.33 6°.1/ 9.0 18

5 1	17 35.89	−33 52.9	1.543	2.364	17.6	18.8
5 11	17 32.88	−34 52.5	1.449	2.345	14.5	18.6
5 21	17 26.41	−35 45.8	1.374	2.326	11.0	18.3
5 31	17 17.01	−36 26.9	1.321	2.308	7.6	18.1
6 10	17 5.84	−36 50.3	1.292	2.290	6.1	17.9
6 20	16 54.47	−36 53.7	1.287	2.273	8.3	18.0
6 30	16 44.62	−36 38.7	1.305	2.256	12.1	18.2
7 10	16 37.65	−36 11.0	1.344	2.239	16.0	18.4

74215 1998 RV_{68} 6 8.6 323°.17 0°.9/ 8.7 18

5 1	17 33.28	−25 0.5	1.711	2.541	15.7	19.0
5 11	17 29.88	−25 8.4	1.623	2.532	12.5	18.7
5 21	17 23.76	−25 13.0	1.555	2.523	8.6	18.5
5 31	17 15.51	−25 13.2	1.510	2.514	4.2	18.2
6 10	17 6.13	−25 8.2	1.491	2.506	1.1	17.9
6 20	16 56.82	−24 58.8	1.498	2.498	5.4	18.2
6 30	16 48.78	−24 46.8	1.530	2.490	9.8	18.4
7 10	16 42.98	−24 35.1	1.584	2.483	13.7	18.7

161049 2002 JV_{12} 6 8.6 334°.18 2°.8/ 8.5 17

5 1	17 35.17	−24 57.5	1.531	2.365	17.1	19.5
5 11	17 31.94	−26 4.7	1.443	2.353	13.6	19.2
5 21	17 25.55	−27 14.3	1.375	2.343	9.5	19.0
5 31	17 16.52	−28 22.1	1.331	2.332	5.1	18.7
6 10	17 5.94	−29 23.3	1.311	2.323	2.9	18.5
6 20	16 55.20	−30 14.3	1.318	2.314	6.5	18.7
6 30	16 45.82	−30 54.2	1.348	2.306	11.0	19.0
7 10	16 39.04	−31 24.8	1.400	2.299	15.2	19.2

237993 2002 SB_{55} 6 8.6 262°.17 3°.5/ 7.5 18

5 1	17 32.94	−15 8.5	2.166	2.981	13.4	20.5
5 11	17 28.84	−14 28.2	2.067	2.966	10.7	20.3
5 21	17 22.65	−13 48.8	1.991	2.952	7.6	20.1
5 31	17 14.87	−13 12.2	1.941	2.936	4.6	19.9
6 10	17 6.25	−12 40.9	1.917	2.921	3.6	19.8
6 20	16 57.67	−12 17.0	1.921	2.906	6.1	19.9
6 30	16 50.00	−12 2.3	1.951	2.890	9.4	20.1
7 10	16 43.99	−11 57.6	2.004	2.874	12.6	20.2

432014 2008 VE_{2} 6 8.6 262°.51 0°.8/ 8.3 18

5 1	17 35.33	−23 40.8	2.017	2.834	14.2	20.7
5 11	17 30.96	−23 2.0	1.917	2.820	11.2	20.5
5 21	17 24.21	−22 17.3	1.839	2.805	7.6	20.2
5 31	17 15.63	−21 27.6	1.786	2.790	3.6	19.9
6 10	17 6.13	−20 34.5	1.761	2.775	1.1	19.7
6 20	16 56.72	−19 41.0	1.763	2.760	5.1	20.0
6 30	16 48.41	−18 50.8	1.792	2.744	9.2	20.2
7 10	16 42.04	−18 7.1	1.845	2.728	12.9	20.4

39823 1998 *BV* 6 8.6 121°.99 3°.0/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.93	−15 44.2	1.706	2.525	16.3	18.4
5 11	17 33.80	−15 28.8	1.637	2.539	12.8	18.2
5 21	17 26.07	−15 16.7	1.590	2.553	8.9	18.0
5 31	17 16.46	−15 9.1	1.566	2.566	4.9	17.8
6 10	17 6.02	−15 6.9	1.569	2.579	3.2	17.8
6 20	16 55.90	−15 10.9	1.599	2.591	6.3	18.0
6 30	16 47.19	−15 21.8	1.655	2.602	10.2	18.2
7 10	16 40.71	−15 39.6	1.733	2.613	13.7	18.5

30321 McCleary 6 8.6 43°.26 4°.8/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.28	−14 27.5	1.234	2.081	19.6	18.2
5 11	17 31.91	−13 53.6	1.171	2.087	15.6	18.0
5 21	17 25.29	−13 24.6	1.125	2.093	11.0	17.7
5 31	17 16.24	−13 3.5	1.101	2.100	6.6	17.5
6 10	17 6.05	−12 53.3	1.100	2.107	4.9	17.4
6 20	16 56.21	−12 55.5	1.122	2.114	8.3	17.7
6 30	16 48.11	−13 10.6	1.167	2.121	12.8	17.9
7 10	16 42.77	−13 37.7	1.232	2.129	17.0	18.2

89811 2002 AH_{176} 6 8.6 334°.11 3°.6/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.14	−12 51.2	1.986	2.808	14.2	19.3
5 11	17 27.59	−12 41.9	1.899	2.801	11.3	19.1
5 21	17 21.88	−12 37.9	1.833	2.794	8.1	18.9
5 31	17 14.53	−12 40.9	1.792	2.787	4.9	18.7
6 10	17 6.33	−12 51.7	1.776	2.781	3.7	18.6
6 20	16 58.19	−13 10.8	1.788	2.776	6.1	18.8
6 30	16 51.04	−13 38.1	1.824	2.770	9.5	18.9
7 10	16 45.62	−14 12.7	1.884	2.766	12.7	19.1

37435 2111 *P–L* 6 8.6 25°.36 5°.4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.93	−37 42.9	2.132	2.922	14.4	19.0
5 11	17 31.63	−38 18.9	2.052	2.926	11.9	18.8
5 21	17 24.73	−38 44.8	1.992	2.929	9.1	18.6
5 31	17 15.89	−38 56.6	1.957	2.933	6.6	18.5
6 10	17 6.11	−38 52.3	1.947	2.936	5.4	18.4
6 20	16 56.53	−38 31.8	1.963	2.940	6.6	18.5
6 30	16 48.26	−37 58.0	2.005	2.945	9.2	18.7
7 10	16 42.16	−37 15.5	2.070	2.949	11.9	18.8

185725 1998 SZ_{119} 6 8.6 230°.43 1°.3/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.16	−20 18.2	2.032	2.845	14.2	21.6
5 11	17 32.39	−20 4.6	1.934	2.834	11.2	21.4
5 21	17 25.20	−19 50.1	1.857	2.821	7.7	21.1
5 31	17 16.13	−19 34.7	1.805	2.808	3.8	20.9
6 10	17 6.06	−19 19.2	1.781	2.795	1.5	20.7
6 20	16 56.01	−19 4.8	1.784	2.780	5.2	20.9
6 30	16 47.02	−18 53.2	1.815	2.765	9.2	21.1
7 10	16 39.94	−18 46.4	1.869	2.750	12.9	21.3

248114 2004 RR_{178} 6 8.6 266°.41 6°.1/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.45	− 5 4.5	2.624	3.416	11.9	20.2
5 11	17 26.48	− 4 7.8	2.525	3.398	10.0	20.0
5 21	17 20.85	− 3 16.8	2.449	3.379	7.9	19.9
5 31	17 13.97	− 2 34.8	2.398	3.361	6.4	19.7
6 10	17 6.44	− 2 4.8	2.374	3.342	6.2	19.7
6 20	16 58.91	− 1 48.6	2.376	3.322	7.6	19.7
6 30	16 52.06	− 1 47.3	2.405	3.303	9.7	19.8
7 10	16 46.49	− 2 0.2	2.456	3.283	11.9	20.0

291861 2006 *PG* 6 8.6 289°.30 3°.2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.56	−32 47.7	2.022	2.828	14.5	20.5
5 11	17 31.44	−32 45.6	1.921	2.811	11.8	20.3
5 21	17 24.70	−32 33.9	1.840	2.794	8.5	20.0
5 31	17 15.93	−32 10.1	1.783	2.777	5.1	19.8
6 10	17 6.10	−31 33.5	1.752	2.760	3.2	19.6
6 20	16 56.35	−30 45.5	1.749	2.743	5.5	19.8
6 30	16 47.81	−29 49.6	1.772	2.726	9.1	19.9
7 10	16 41.40	−28 51.0	1.818	2.710	12.6	20.1

475284 2005 WM_{153} 6 8.6 217°.11 1°.1/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.94	−25 57.2	2.870	3.668	10.9	21.9
5 11	17 29.21	−26 17.2	2.771	3.661	8.6	21.7
5 21	17 22.70	−26 35.0	2.695	3.654	5.9	21.5
5 31	17 14.85	−26 49.4	2.646	3.647	3.0	21.3
6 10	17 6.31	−26 59.5	2.626	3.639	1.2	21.2
6 20	16 57.78	−27 5.1	2.635	3.631	3.7	21.4
6 30	16 50.00	−27 7.1	2.672	3.623	6.7	21.5
7 10	16 43.60	−27 6.8	2.735	3.614	9.3	21.7

89652 2001 XO_{249} 6 8.6 13°.37 0°.9/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.77	−19 27.1	1.227	2.083	19.1	18.2
5 11	17 29.37	−19 46.4	1.163	2.087	15.1	18.0
5 21	17 23.72	−20 9.1	1.117	2.092	10.2	17.7
5 31	17 15.56	−20 34.1	1.093	2.099	4.9	17.4
6 10	17 6.19	−21 0.5	1.092	2.106	1.3	17.2
6 20	16 57.09	−21 27.3	1.114	2.115	6.5	17.6
6 30	16 49.70	−21 54.4	1.159	2.125	11.5	17.9
7 10	16 45.08	−22 22.5	1.224	2.137	15.9	18.2

282065 1999 VT_{109} 6 8.6 286°.89 2°.0/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.37	−19 0.9	2.340	3.156	12.5	20.8
5 11	17 27.44	−18 24.1	2.246	3.148	9.8	20.6
5 21	17 21.59	−17 45.9	2.175	3.139	6.7	20.4
5 31	17 14.34	−17 7.6	2.130	3.131	3.5	20.2
6 10	17 6.40	−16 31.1	2.112	3.123	2.2	20.0
6 20	16 58.56	−15 58.4	2.122	3.114	4.9	20.2
6 30	16 51.62	−15 31.5	2.159	3.106	8.2	20.4
7 10	16 46.21	−15 11.9	2.221	3.098	11.2	20.6

257365 2009 *OZ* 6 8.6 15°.55 0°.0/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.83	−25 17.6	1.085	1.950	20.5	19.2
5 11	17 29.00	−24 50.3	1.026	1.955	16.1	19.0
5 21	17 23.58	−24 15.3	0.985	1.961	11.0	18.7
5 31	17 15.48	−23 33.1	0.963	1.969	5.2	18.4
6 10	17 6.22	−22 46.3	0.964	1.979	0.9	18.1
6 20	16 57.45	−21 59.1	0.987	1.990	6.8	18.6
6 30	16 50.68	−21 16.6	1.032	2.001	12.2	18.9
7 10	16 46.93	−20 43.0	1.096	2.015	16.8	19.2

138942 2001 BP_{29} 6 8.6 103°.77 1°.6/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.35	−17 38.3	2.449	3.261	12.1	20.0
5 11	17 28.04	−17 37.0	2.368	3.266	9.5	19.9
5 21	17 21.91	−17 37.3	2.309	3.272	6.5	19.7
5 31	17 14.47	−17 39.6	2.276	3.278	3.3	19.5
6 10	17 6.41	−17 44.0	2.272	3.284	1.7	19.4
6 20	16 58.48	−17 51.1	2.295	3.289	4.4	19.6
6 30	16 51.42	−18 1.2	2.346	3.295	7.5	19.8
7 10	16 45.86	−18 14.7	2.421	3.300	10.4	20.0

174821 2003 YW_{20} 6 8.6 89°.15 0°.9/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.59	−25 5.9	1.593	2.418	16.9	20.3
5 11	17 33.93	−25 11.6	1.526	2.432	13.3	20.1
5 21	17 26.37	−25 13.3	1.479	2.445	9.1	19.9
5 31	17 16.67	−25 9.8	1.455	2.459	4.4	19.7
6 10	17 6.05	−25 0.5	1.457	2.472	1.1	19.4
6 20	16 55.79	−24 46.5	1.486	2.485	5.5	19.8
6 30	16 47.15	−24 30.5	1.539	2.498	9.9	20.1
7 10	16 40.99	−24 15.6	1.616	2.511	13.7	20.3

513664 2011 UX_{250} 6 8.6 242°.49 1°.0/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.03	−24 42.5	2.552	3.355	11.9	22.1
5 11	17 30.35	−25 9.8	2.450	3.344	9.4	21.9
5 21	17 23.64	−25 36.0	2.372	3.333	6.5	21.7
5 31	17 15.37	−25 59.6	2.320	3.321	3.2	21.5
6 10	17 6.25	−26 19.3	2.296	3.310	1.1	21.3
6 20	16 57.09	−26 34.7	2.301	3.298	4.1	21.5
6 30	16 48.74	−26 46.0	2.334	3.285	7.4	21.7
7 10	16 41.94	−26 54.8	2.392	3.273	10.4	21.8

467252 2016 EB_{173} 6 8.6 19°.63 2°.0/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.80	−24 4.1	1.185	2.036	20.0	20.1
5 11	17 32.91	−24 53.0	1.120	2.040	15.8	19.9
5 21	17 26.36	−25 42.4	1.073	2.045	10.9	19.6
5 31	17 16.91	−26 28.4	1.047	2.051	5.5	19.3
6 10	17 5.99	−27 6.9	1.043	2.057	2.2	19.1
6 20	16 55.30	−27 36.0	1.064	2.064	6.9	19.4
6 30	16 46.54	−27 56.2	1.107	2.072	12.1	19.7
7 10	16 40.93	−28 10.8	1.170	2.081	16.6	20.0

11878 Hanamiyama 6 8.6 76°.78 1°.4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.31	−25 10.7	1.487	2.315	17.8	17.9
5 11	17 34.70	−25 31.6	1.424	2.332	14.0	17.7
5 21	17 26.99	−25 49.3	1.381	2.348	9.5	17.5
5 31	17 17.00	−26 1.4	1.361	2.364	4.7	17.2
6 10	17 6.00	−26 6.6	1.366	2.380	1.5	17.1
6 20	16 55.41	−26 5.1	1.397	2.396	5.8	17.4
6 30	16 46.56	−25 59.3	1.453	2.412	10.3	17.7
7 10	16 40.37	−25 52.5	1.530	2.428	14.2	18.0

350797 2002 CK_{177} 6 8.6 211°.59 3°.0/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.38	−32 55.5	2.660	3.449	11.9	21.7
5 11	17 30.56	−33 8.7	2.564	3.444	9.6	21.6
5 21	17 23.71	−33 15.1	2.491	3.439	6.9	21.4
5 31	17 15.36	−33 12.6	2.444	3.434	4.3	21.2
6 10	17 6.26	−33 0.3	2.424	3.428	3.0	21.1
6 20	16 57.27	−32 38.7	2.433	3.422	4.6	21.2
6 30	16 49.22	−32 9.7	2.470	3.416	7.3	21.4
7 10	16 42.81	−31 36.5	2.531	3.410	10.0	21.5

51400 2001 DN_{81} 6 8.6 346°.71 9°.8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 26.03	− 4 51.0	1.027	1.889	21.6	17.6
5 11	17 25.37	− 4 21.0	0.956	1.874	18.1	17.3
5 21	17 21.37	− 4 9.5	0.902	1.861	14.3	17.0
5 31	17 14.63	− 4 23.7	0.865	1.849	11.0	16.8
6 10	17 6.36	− 5 7.9	0.847	1.840	9.8	16.7
6 20	16 58.08	− 6 22.0	0.850	1.832	11.9	16.8
6 30	16 51.41	− 8 1.4	0.872	1.827	15.9	17.0
7 10	16 47.61	− 9 58.3	0.911	1.824	20.0	17.2

484 Pittsburghia 6 8.6 301.°97 6.°2/ 7.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.44	− 7 26.5	1.795	2.609	15.8	14.1
5 11	17 29.58	− 7 3.7	1.712	2.603	12.9	13.9
5 21	17 23.34	− 6 50.5	1.649	2.598	9.8	13.7
5 31	17 15.27	− 6 49.8	1.610	2.592	7.1	13.5
6 10	17 6.27	− 7 3.9	1.596	2.587	6.2	13.4
6 20	16 57.34	− 7 33.0	1.607	2.581	8.1	13.5
6 30	16 49.51	− 8 16.4	1.643	2.576	11.3	13.7
7 10	16 43.61	− 9 11.7	1.701	2.571	14.5	13.9

430975 2005 WX_{94} 6 8.6 38.°33 0.°5/ 8.6 17

5 1	17 38.13	−17 30.4	1.491	2.321	17.6	20.6
5 11	17 33.82	−18 27.1	1.422	2.331	13.9	20.4
5 21	17 26.50	−19 30.9	1.373	2.342	9.4	20.2
5 31	17 16.84	−20 39.2	1.348	2.353	4.5	19.9
6 10	17 6.01	−21 48.4	1.349	2.364	0.9	19.7
6 20	16 55.37	−22 54.9	1.377	2.376	5.8	20.0
6 30	16 46.25	−23 56.8	1.429	2.388	10.5	20.3
7 10	16 39.68	−24 53.8	1.504	2.401	14.5	20.6

45637 2000 EW_{12} 6 8.6 329.°85 0.°5/ 8.5 18

5 1	17 31.77	−20 14.4	2.302	3.119	12.6	18.8
5 11	17 27.89	−20 29.5	2.210	3.113	9.9	18.6
5 21	17 22.00	−20 45.8	2.141	3.107	6.7	18.4
5 31	17 14.60	−21 2.6	2.098	3.101	3.2	18.2
6 10	17 6.40	−21 19.5	2.081	3.096	0.8	18.0
6 20	16 58.24	−21 36.3	2.093	3.091	4.3	18.2
6 30	16 50.96	−21 53.3	2.132	3.086	7.8	18.4
7 10	16 45.27	−22 11.0	2.195	3.082	11.0	18.6

509214 2006 SK_{186} 6 8.6 239.°66 5.°8/ 9.4 18

5 1	17 39.09	−39 9.1	2.497	3.267	13.1	22.2
5 11	17 34.02	−40 3.3	2.399	3.257	10.9	22.0
5 21	17 26.40	−40 49.3	2.323	3.247	8.6	21.9
5 31	17 16.78	−41 22.7	2.272	3.236	6.6	21.7
6 10	17 6.03	−41 40.0	2.247	3.225	5.8	21.7
6 20	16 55.22	−41 40.2	2.249	3.213	6.8	21.7
6 30	16 45.49	−41 24.7	2.277	3.201	9.0	21.8
7 10	16 37.74	−40 57.4	2.330	3.189	11.4	22.0

338113 2002 QJ_{55} 6 8.6 213.°70 4.°5/ 9.7 18

5 1	17 39.19	−37 31.9	2.795	3.563	11.9	21.9
5 11	17 33.63	−38 3.6	2.694	3.554	9.8	21.7
5 21	17 25.88	−38 27.2	2.615	3.545	7.5	21.6
5 31	17 16.43	−38 39.6	2.562	3.535	5.4	21.4
6 10	17 6.11	−38 38.6	2.536	3.524	4.5	21.3
6 20	16 55.81	−38 24.1	2.539	3.513	5.6	21.4
6 30	16 46.49	−37 57.7	2.569	3.501	7.8	21.5
7 10	16 38.91	−37 23.0	2.625	3.489	10.2	21.7

159010 2004 TX_{7} 6 8.6 279.°82 6.°0/ 8.9 18

5 1	17 39.44	−34 41.5	1.824	2.626	16.0	20.3
5 11	17 35.17	−35 51.3	1.730	2.613	13.2	20.0
5 21	17 27.70	−36 55.4	1.657	2.601	10.1	19.8
5 31	17 17.58	−37 47.9	1.608	2.589	7.2	19.6
6 10	17 5.89	−38 23.6	1.584	2.577	6.0	19.5
6 20	16 54.03	−38 39.9	1.586	2.564	7.8	19.6
6 30	16 43.52	−38 38.0	1.612	2.552	11.0	19.8
7 10	16 35.59	−38 22.7	1.661	2.540	14.3	19.9

269792 1999 TW_{314} 6 8.6 304.°38 0.°9/ 8.6 18

5 1	17 35.92	−21 56.0	1.680	2.508	16.1	19.9
5 11	17 32.41	−22 39.8	1.572	2.479	12.9	19.6
5 21	17 25.89	−23 27.7	1.483	2.451	8.9	19.3
5 31	17 16.79	−24 17.5	1.419	2.423	4.4	19.0
6 10	17 6.03	−25 6.3	1.380	2.395	1.1	18.7
6 20	16 54.85	−25 51.4	1.367	2.367	5.9	18.9
6 30	16 44.71	−26 31.6	1.380	2.339	10.8	19.1
7 10	16 36.86	−27 7.8	1.415	2.311	15.2	19.3

394651 2008 AB_{77} 6 8.6 222.°98 1.°1/ 8.4 18

5 1	17 34.13	−19 8.8	2.688	3.491	11.4	21.7
5 11	17 29.41	−19 9.8	2.587	3.481	9.0	21.5
5 21	17 22.88	−19 11.4	2.509	3.471	6.1	21.3
5 31	17 14.99	−19 13.6	2.458	3.460	3.0	21.1
6 10	17 6.38	−19 16.6	2.435	3.449	1.2	20.9
6 20	16 57.79	−19 20.6	2.442	3.437	4.1	21.1
6 30	16 49.95	−19 26.2	2.476	3.425	7.2	21.3
7 10	16 43.50	−19 34.4	2.537	3.412	10.1	21.4

369043 2008 CF_{20} 6 8.6 92.°38 2.°1/ 8.9 17

5 1	17 42.07	−27 57.0	1.708	2.520	16.5	21.5
5 11	17 36.39	−28 13.6	1.648	2.545	13.0	21.3
5 21	17 27.87	−28 24.4	1.609	2.570	9.0	21.1
5 31	17 17.34	−28 26.8	1.595	2.595	4.7	20.9
6 10	17 6.02	−28 20.0	1.606	2.619	2.2	20.8
6 20	16 55.20	−28 4.8	1.645	2.642	5.4	21.0
6 30	16 46.06	−27 44.3	1.710	2.665	9.4	21.3
7 10	16 39.42	−27 22.3	1.798	2.687	12.9	21.6

200260 1999 WW_{18} 6 8.6 187.°33 1.°0/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.57	−25 9.9	2.198	3.006	13.4	21.3
5 11	17 31.78	−25 27.2	2.109	3.006	10.6	21.1
5 21	17 24.71	−25 42.1	2.043	3.005	7.3	20.9
5 31	17 15.92	−25 53.1	2.002	3.004	3.6	20.6
6 10	17 6.25	−25 59.3	1.989	3.003	1.2	20.4
6 20	16 56.68	−26 0.6	2.003	3.001	4.5	20.7
6 30	16 48.17	−25 58.3	2.045	2.999	8.2	20.9
7 10	16 41.50	−25 54.5	2.112	2.997	11.4	21.1

490382 2009 OX_{19} 6 8.6 336.°43 7.°9/10.7 18

5 1	17 30.67	−41 5.8	1.556	2.367	17.9	19.6
5 11	17 28.97	−41 31.7	1.454	2.338	15.3	19.3
5 21	17 23.83	−41 41.1	1.371	2.309	12.3	19.0
5 31	17 15.84	−41 28.0	1.308	2.281	9.4	18.8
6 10	17 6.24	−40 48.3	1.267	2.255	7.9	18.6
6 20	16 56.61	−39 41.8	1.249	2.230	9.1	18.6
6 30	16 48.64	−38 13.4	1.254	2.207	12.3	18.7
7 10	16 43.60	−36 32.3	1.281	2.185	15.9	18.9

17869 Descamps 6 8.6 61.°26 5.°1/ 7.9 18 R

5 1	17 35.31	−12 22.3	1.451	2.285	17.9	18.6
5 11	17 31.43	−11 50.3	1.386	2.294	14.3	18.4
5 21	17 24.74	−11 24.7	1.341	2.303	10.3	18.2
5 31	17 15.97	−11 8.5	1.317	2.312	6.5	18.0
6 10	17 6.27	−11 4.0	1.319	2.321	5.2	18.0
6 20	16 56.88	−11 12.3	1.344	2.331	7.9	18.1
6 30	16 48.99	−11 33.4	1.394	2.340	11.8	18.4
7 10	16 43.48	−12 5.8	1.465	2.350	15.5	18.6

348205 2004 RP_{42} 6 8.6 296.°15 1.°9/ 8.9 15

5 1	17 35.12	−27 28.3	1.683	2.509	16.1	21.3
5 11	17 31.67	−27 37.6	1.581	2.487	12.9	21.0
5 21	17 25.25	−27 41.7	1.500	2.465	9.1	20.7
5 31	17 16.41	−27 38.4	1.442	2.443	4.8	20.4
6 10	17 6.17	−27 26.5	1.408	2.422	2.0	20.2
6 20	16 55.81	−27 6.2	1.401	2.400	5.8	20.4
6 30	16 46.71	−26 40.4	1.419	2.379	10.4	20.6
7 10	16 40.01	−26 13.1	1.458	2.358	14.7	20.8

213490 2002 GO_{13} 6 8.6 137.°20 1.°8/ 8.8 18

5 1	17 39.39	−26 19.0	1.579	2.403	17.1	20.6
5 11	17 34.86	−26 40.9	1.503	2.407	13.6	20.4
5 21	17 27.24	−26 59.0	1.447	2.412	9.4	20.1
5 31	17 17.23	−27 10.8	1.414	2.416	4.8	19.9
6 10	17 6.06	−27 14.6	1.406	2.420	1.9	19.7
6 20	16 55.09	−27 10.2	1.425	2.423	5.8	20.0
6 30	16 45.72	−27 0.2	1.468	2.427	10.3	20.2
7 10	16 38.96	−26 48.2	1.534	2.430	14.3	20.5

263955 2009 HO_{102} 6 8.6 321.°28 3.°2/ 7.9 18

5 1	17 31.00	−15 26.6	2.016	2.839	13.9	20.8
5 11	17 27.50	−15 1.0	1.926	2.831	11.1	20.6
5 21	17 21.86	−14 37.5	1.859	2.822	7.8	20.4
5 31	17 14.59	−14 17.8	1.815	2.814	4.5	20.1
6 10	17 6.49	−14 3.7	1.799	2.806	3.3	20.0
6 20	16 58.47	−13 56.6	1.808	2.798	5.9	20.2
6 30	16 51.43	−13 57.5	1.844	2.791	9.4	20.4
7 10	16 46.12	−14 6.8	1.902	2.784	12.6	20.6

76115 2000 DU_{107} 6 8.6 233.°38 2.°9/ 9.2 18

5 1	17 36.76	−30 54.8	2.224	3.025	13.5	20.1
5 11	17 32.10	−31 12.7	2.129	3.017	10.9	19.9
5 21	17 25.03	−31 24.5	2.054	3.009	7.8	19.7
5 31	17 16.12	−31 27.6	2.005	3.000	4.6	19.5
6 10	17 6.25	−31 20.8	1.984	2.991	2.9	19.4
6 20	16 56.44	−31 4.2	1.989	2.982	5.1	19.5
6 30	16 47.72	−30 39.9	2.022	2.973	8.4	19.7
7 10	16 40.94	−30 11.4	2.079	2.963	11.6	19.9

204008 2003 UR_{21} 6 8.6 206.°64 2.°1/ 9.1 18

5 1	17 36.10	−28 53.5	2.046	2.856	14.2	20.3
5 11	17 31.64	−29 3.2	1.959	2.854	11.3	20.1
5 21	17 24.73	−29 7.2	1.893	2.853	7.9	19.9
5 31	17 15.96	−29 3.6	1.852	2.851	4.3	19.7
6 10	17 6.28	−28 51.5	1.838	2.849	2.2	19.5
6 20	16 56.75	−28 31.7	1.851	2.848	5.0	19.7
6 30	16 48.42	−28 6.5	1.891	2.846	8.6	19.9
7 10	16 42.11	−27 39.4	1.954	2.844	12.0	20.1

16754 1996 RW 6 8.6 169.°15 0.°0/ 8.5 18

5 1	17 37.32	−23 46.5	2.293	3.098	13.1	19.2
5 11	17 32.13	−23 39.5	2.207	3.102	10.3	19.0
5 21	17 24.80	−23 29.6	2.143	3.106	7.0	18.8
5 31	17 15.92	−23 16.3	2.106	3.109	3.3	18.6
6 10	17 6.30	−22 59.9	2.096	3.111	0.5	18.4
6 20	16 56.86	−22 41.5	2.116	3.113	4.3	18.7
6 30	16 48.48	−22 22.8	2.163	3.114	7.9	18.9
7 10	16 41.86	−22 6.1	2.235	3.115	11.1	19.1

5845 Davidbrewster 6 8.6 112°.34 2°.2/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.47	−30 32.0	2.344	3.146	12.9	17.4
5 11	17 30.00	−30 30.4	2.258	3.148	10.3	17.2
5 21	17 23.40	−30 21.9	2.194	3.151	7.2	17.0
5 31	17 15.26	−30 5.2	2.156	3.153	4.0	16.8
6 10	17 6.42	−29 40.0	2.145	3.156	2.2	16.7
6 20	16 57.77	−29 7.7	2.162	3.158	4.5	16.9
6 30	16 50.20	−28 30.8	2.207	3.160	7.7	17.1
7 10	16 44.39	−27 52.6	2.276	3.162	10.6	17.3

64379 2001 UG_{123} 6 8.6 145°.60 0°.0/ 8.4 18 R

5 1	17 34.11	−23 9.3	2.744	3.546	11.2	20.5
5 11	17 29.25	−23 8.5	2.660	3.554	8.8	20.4
5 21	17 22.67	−23 5.8	2.601	3.563	5.9	20.2
5 31	17 14.86	−23 0.9	2.568	3.571	2.8	20.0
6 10	17 6.50	−22 53.9	2.564	3.579	0.5	19.8
6 20	16 58.28	−22 45.4	2.589	3.586	3.7	20.1
6 30	16 50.92	−22 36.6	2.642	3.593	6.7	20.3
7 10	16 44.97	−22 28.9	2.721	3.599	9.4	20.5

41787 2000 VO_{57} 6 8.6 215°.67 0°.4/ 8.5 18

5 1	17 36.01	−24 25.0	1.995	2.811	14.4	18.8
5 11	17 31.46	−23 52.3	1.906	2.807	11.3	18.5
5 21	17 24.54	−23 14.0	1.838	2.804	7.7	18.3
5 31	17 15.85	−22 30.7	1.796	2.800	3.6	18.1
6 10	17 6.33	−21 43.9	1.781	2.796	0.8	17.8
6 20	16 57.00	−20 56.2	1.794	2.792	4.9	18.1
6 30	16 48.86	−20 10.9	1.833	2.787	8.9	18.3
7 10	16 42.69	−19 31.3	1.897	2.783	12.5	18.6

185098 2006 SJ_{13} 6 8.6 264°.25 3°.8/ 7.8 18

5 1	17 35.72	−15 19.1	1.711	2.536	16.0	21.1
5 11	17 31.75	−14 47.3	1.615	2.519	12.8	20.8
5 21	17 25.08	−14 17.1	1.538	2.501	9.1	20.5
5 31	17 16.26	−13 51.0	1.486	2.484	5.3	20.3
6 10	17 6.24	−13 31.2	1.459	2.466	4.0	20.1
6 20	16 56.17	−13 19.7	1.458	2.447	7.1	20.3
6 30	16 47.24	−13 18.5	1.482	2.428	11.2	20.5
7 10	16 40.45	−13 27.9	1.528	2.409	15.2	20.7

511197 2013 YQ_{125} 6 8.6 229°.63 5°.5/10.2 18

5 1	17 40.32	−39 19.3	2.274	3.048	14.1	21.7
5 11	17 35.08	−39 42.4	2.176	3.038	11.7	21.5
5 21	17 27.15	−39 54.1	2.099	3.028	9.1	21.3
5 31	17 17.15	−39 50.6	2.047	3.018	6.7	21.2
6 10	17 6.11	−39 29.3	2.020	3.007	5.5	21.1
6 20	16 55.19	−38 50.6	2.021	2.996	6.7	21.1
6 30	16 45.58	−37 57.7	2.048	2.985	9.2	21.2
7 10	16 38.17	−36 56.0	2.100	2.973	12.0	21.4

195290 2002 EC_{83} 6 8.6 220°.83 11°.6/10.6 18

5 1	17 48.70	−52 39.1	2.096	2.812	16.8	20.3
5 11	17 43.22	−54 8.3	2.015	2.808	15.1	20.2
5 21	17 33.61	−55 21.3	1.952	2.804	13.4	20.1
5 31	17 20.54	−56 9.4	1.910	2.799	12.1	20.0
6 10	17 5.53	−56 25.8	1.890	2.794	11.6	19.9
6 20	16 50.55	−56 8.3	1.893	2.789	12.0	19.9
6 30	16 37.67	−55 20.2	1.918	2.783	13.3	20.0
7 10	16 28.34	−54 9.6	1.964	2.778	15.0	20.1

488754 2004 SS_{47} 6 8.6 280°.28 1°.9/ 9.0 18

5 1	17 38.13	−28 25.5	2.015	2.823	14.5	22.4
5 11	17 33.67	−28 28.5	1.895	2.790	11.7	22.1
5 21	17 26.46	−28 25.5	1.797	2.757	8.3	21.8
5 31	17 16.98	−28 14.5	1.723	2.723	4.4	21.5
6 10	17 6.12	−27 54.0	1.676	2.689	1.9	21.3
6 20	16 55.03	−27 24.6	1.657	2.654	5.4	21.5
6 30	16 44.95	−26 48.9	1.664	2.618	9.6	21.6
7 10	16 36.96	−26 11.0	1.694	2.582	13.6	21.8

309400 2007 TR_{230} 6 8.6 345°.66 8°.5/ 5.5 16

5 1	17 27.24	−10 9.9	1.385	2.234	17.8	19.5
5 11	17 25.40	− 8 25.0	1.309	2.221	14.6	19.2
5 21	17 20.86	− 6 42.3	1.252	2.210	11.3	19.0
5 31	17 14.25	− 5 9.4	1.218	2.199	8.9	18.8
6 10	17 6.60	− 3 54.1	1.206	2.191	8.8	18.8
6 20	16 59.09	− 3 2.2	1.217	2.183	11.1	18.9
6 30	16 52.89	− 2 36.8	1.250	2.177	14.5	19.1
7 10	16 48.93	− 2 37.0	1.301	2.172	17.9	19.3

506804 2007 HH_{87} 6 8.6 350°.12 4°.6/ 7.4 17

5 1	17 31.80	−15 13.2	1.545	2.383	16.7	21.2
5 11	17 28.70	−14 19.8	1.468	2.380	13.3	21.0
5 21	17 22.94	−13 27.6	1.411	2.377	9.5	20.8
5 31	17 15.18	−12 40.1	1.377	2.374	5.8	20.5
6 10	17 6.46	−12 1.2	1.368	2.372	4.7	20.5
6 20	16 57.93	−11 33.8	1.383	2.371	7.6	20.6
6 30	16 50.72	−11 20.3	1.423	2.370	11.6	20.8
7 10	16 45.71	−11 20.8	1.483	2.369	15.3	21.1

289199 2004 XC_5 6 8.6 166°.06 1°.3/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.31	−26 4.8	2.253	3.058	13.3	21.5
5 11	17 32.29	−26 21.9	2.167	3.061	10.5	21.3
5 21	17 25.02	−26 36.0	2.104	3.065	7.2	21.1
5 31	17 16.08	−26 45.4	2.066	3.068	3.6	20.9
6 10	17 6.33	−26 49.2	2.057	3.070	1.4	20.7
6 20	16 56.70	−26 47.4	2.075	3.072	4.5	20.9
6 30	16 48.14	−26 41.5	2.121	3.074	8.0	21.1
7 10	16 41.41	−26 33.8	2.192	3.075	11.1	21.3

200314 2000 ER_{115} 6 8.6 327°.92 5°.2/ 7.7 17

5 1	17 34.85	−14 12.7	1.280	2.125	19.1	20.1
5 11	17 31.66	−13 28.6	1.207	2.122	15.4	19.9
5 21	17 25.28	−12 48.2	1.152	2.119	11.0	19.6
5 31	17 16.40	−12 15.2	1.119	2.116	6.8	19.4
6 10	17 6.27	−11 53.2	1.109	2.114	5.4	19.3
6 20	16 56.33	−11 45.0	1.122	2.111	8.6	19.5
6 30	16 48.00	−11 51.8	1.158	2.109	13.2	19.7
7 10	16 42.35	−12 13.1	1.213	2.107	17.4	20.0

146947 2002 EG_{39} 6 8.6 58°.77 0°.6/ 8.5 17

5 1	17 32.94	−21 44.1	2.151	2.969	13.4	20.5
5 11	17 28.78	−21 36.5	2.078	2.981	10.4	20.3
5 21	17 22.56	−21 27.5	2.026	2.992	7.0	20.1
5 31	17 14.87	−21 17.3	2.000	3.004	3.3	19.9
6 10	17 6.54	−21 6.3	2.002	3.016	0.8	19.7
6 20	16 58.44	−20 55.6	2.030	3.028	4.4	20.0
6 30	16 51.40	−20 46.4	2.086	3.040	8.0	20.3
7 10	16 46.09	−20 40.4	2.165	3.053	11.1	20.5

319314 2006 BJ_{156} 6 8.6 236°.55 0°.8/ 8.5 17

5 1	17 35.85	−21 1.7	2.114	2.927	13.7	21.5
5 11	17 31.33	−20 58.2	2.016	2.916	10.8	21.3
5 21	17 24.51	−20 53.9	1.941	2.906	7.4	21.1
5 31	17 15.91	−20 48.7	1.891	2.894	3.6	20.8
6 10	17 6.36	−20 42.8	1.868	2.883	1.0	20.6
6 20	16 56.83	−20 36.8	1.873	2.870	4.8	20.9
6 30	16 48.31	−20 32.2	1.905	2.858	8.7	21.1
7 10	16 41.60	−20 30.4	1.961	2.845	12.2	21.3

423945 2006 UK_5 6 8.6 285°.25 1°.4/ 8.8 17

5 1	17 37.30	−25 25.5	1.606	2.432	16.8	21.8
5 11	17 33.66	−25 42.8	1.499	2.406	13.5	21.5
5 21	17 26.84	−25 57.9	1.413	2.380	9.4	21.2
5 31	17 17.31	−26 8.2	1.350	2.353	4.8	20.8
6 10	17 6.11	−26 12.0	1.311	2.325	1.6	20.5
6 20	16 54.61	−26 8.6	1.299	2.298	6.1	20.8
6 30	16 44.34	−25 59.8	1.311	2.270	11.2	21.0
7 10	16 36.59	−25 49.2	1.345	2.243	15.8	21.2

71388 2000 AT_{154} 6 8.6 244°.76 1°.2/ 8.8 18

5 1	17 35.79	−25 47.4	2.035	2.849	14.2	19.7
5 11	17 31.45	−25 58.8	1.943	2.842	11.2	19.5
5 21	17 24.66	−26 6.9	1.872	2.835	7.7	19.3
5 31	17 16.00	−26 10.2	1.826	2.828	3.9	19.0
6 10	17 6.36	−26 8.0	1.807	2.821	1.3	18.8
6 20	16 56.78	−26 0.6	1.815	2.814	4.8	19.1
6 30	16 48.31	−25 49.6	1.850	2.806	8.7	19.3
7 10	16 41.81	−25 37.6	1.909	2.799	12.2	19.5

189592 2000 WP_{39} 6 8.6 267°.09 2°.3/ 8.3 18

5 1	17 37.41	−15 40.6	2.154	2.961	13.7	21.3
5 11	17 32.68	−15 46.7	2.039	2.934	11.0	21.1
5 21	17 25.57	−15 56.9	1.946	2.906	7.7	20.8
5 31	17 16.52	−16 11.6	1.878	2.878	4.2	20.5
6 10	17 6.29	−16 30.8	1.838	2.849	2.4	20.4
6 20	16 55.82	−16 54.5	1.827	2.819	5.5	20.5
6 30	16 46.16	−17 22.5	1.842	2.789	9.4	20.7
7 10	16 38.22	−17 54.8	1.882	2.758	13.0	20.8

391110 2005 VT_{20} 6 8.6 13°.75 3°.7/ 8.9 17

5 1	17 36.58	−30 49.3	2.241	3.042	13.5	20.3
5 11	17 32.01	−31 46.1	2.156	3.043	10.8	20.2
5 21	17 25.04	−32 39.1	2.092	3.044	7.8	20.0
5 31	17 16.20	−33 24.6	2.054	3.044	5.0	19.8
6 10	17 6.35	−33 59.8	2.043	3.045	3.7	19.7
6 20	16 56.52	−34 23.1	2.060	3.047	5.5	19.8
6 30	16 47.75	−34 35.4	2.103	3.048	8.5	20.0
7 10	16 40.89	−34 39.1	2.170	3.049	11.4	20.2

479024 2013 AL_{12} 6 8.6 354°.33 7°.0/ 8.2 16

5 1	17 32.59	− 2 41.8	2.003	2.800	15.0	20.3
5 11	17 28.64	− 2 28.2	1.923	2.798	12.5	20.1
5 21	17 22.59	− 2 27.2	1.864	2.797	9.9	19.9
5 31	17 14.97	− 2 42.0	1.829	2.796	7.7	19.8
6 10	17 6.57	− 3 14.0	1.818	2.795	7.1	19.8
6 20	16 58.26	− 4 2.9	1.834	2.794	8.4	19.8
6 30	16 50.94	− 5 6.8	1.874	2.794	10.9	20.0
7 10	16 45.31	− 6 22.4	1.938	2.794	13.5	20.1

377651 2005 UZ_{138} 6 8.6 223°.66 1°.7/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.29	−19 8.6	2.096	2.909	13.9	22.4
5 11	17 31.63	−18 51.5	2.001	2.900	10.9	22.2
5 21	17 24.69	−18 34.0	1.927	2.891	7.5	22.0
5 31	17 16.00	−18 16.8	1.879	2.881	3.8	21.7
6 10	17 6.40	−18 0.8	1.858	2.871	1.9	21.6
6 20	16 56.85	−17 47.3	1.865	2.860	5.2	21.8
6 30	16 48.32	−17 37.8	1.899	2.848	9.0	22.0
7 10	16 41.62	−17 33.8	1.957	2.837	12.4	22.2

333647 2008 RB_{74} 6 8.6 275°.26 2°.6/ 8.0 17

5 1	17 34.34	−17 39.2	1.871	2.694	14.9	21.0
5 11	17 30.47	−17 15.2	1.772	2.677	11.8	20.8
5 21	17 24.11	−16 51.4	1.695	2.660	8.2	20.5
5 31	17 15.80	−16 29.3	1.641	2.642	4.4	20.3
6 10	17 6.42	−16 10.5	1.614	2.625	2.7	20.1
6 20	16 57.01	−15 56.5	1.613	2.607	6.0	20.3
6 30	16 48.65	−15 49.2	1.638	2.589	10.1	20.5
7 10	16 42.25	−15 49.8	1.686	2.570	13.8	20.7

362926 2012 DO_{42} 6 8.6 118°.56 4°.1/ 7.5 18

5 1	17 29.91	− 9 25.2	2.736	3.537	11.3	20.5
5 11	17 25.95	− 8 57.4	2.655	3.540	9.1	20.4
5 21	17 20.46	− 8 34.5	2.596	3.543	6.8	20.2
5 31	17 13.87	− 8 18.5	2.563	3.546	4.8	20.1
6 10	17 6.77	− 8 10.7	2.558	3.548	4.2	20.1
6 20	16 59.79	− 8 12.1	2.580	3.551	5.7	20.2
6 30	16 53.53	− 8 22.8	2.629	3.554	7.9	20.3
7 10	16 48.50	− 8 42.2	2.702	3.556	10.2	20.5

148505 2001 NQ_{22} 6 8.6 324°.09 4°.6/ 8.1 17

5 1	17 33.32	−12 51.3	1.470	2.307	17.5	20.0
5 11	17 30.19	−12 36.1	1.388	2.298	14.1	19.7
5 21	17 24.18	−12 27.8	1.325	2.289	10.1	19.5
5 31	17 15.91	−12 28.6	1.284	2.281	6.2	19.2
6 10	17 6.43	−12 40.2	1.268	2.274	4.7	19.1
6 20	16 56.98	−13 3.3	1.276	2.267	7.6	19.3
6 30	16 48.86	−13 37.3	1.307	2.260	11.9	19.5
7 10	16 43.09	−14 21.0	1.360	2.254	15.9	19.7

162527 2000 QO_{134} 6 8.6 228°.77 2°.6/ 9.1 17

5 1	17 40.93	−29 1.6	1.820	2.628	15.8	20.7
5 11	17 35.99	−29 20.4	1.723	2.617	12.7	20.4
5 21	17 28.07	−29 33.6	1.647	2.606	9.0	20.2
5 31	17 17.76	−29 38.3	1.595	2.593	5.0	19.9
6 10	17 6.13	−29 32.3	1.569	2.580	2.6	19.7
6 20	16 54.49	−29 15.7	1.571	2.567	5.8	19.9
6 30	16 44.19	−28 51.1	1.599	2.552	10.0	20.1
7 10	16 36.30	−28 22.8	1.649	2.538	13.9	20.3

480526 2015 MD_{11} 6 8.6 340°.05 2°.9/ 7.7 16

5 1	17 31.60	−16 56.7	2.137	2.958	13.4	21.2
5 11	17 27.79	−16 15.2	2.053	2.956	10.6	21.0
5 21	17 21.96	−15 33.7	1.990	2.953	7.3	20.8
5 31	17 14.66	−14 54.2	1.953	2.952	4.2	20.6
6 10	17 6.66	−14 18.9	1.943	2.950	3.0	20.5
6 20	16 58.81	−13 50.1	1.959	2.948	5.6	20.7
6 30	16 51.94	−13 29.4	2.002	2.947	8.9	20.9
7 10	16 46.72	−13 18.0	2.069	2.946	12.0	21.0

380562 2004 QF_{9} 6 8.6 292°.78 1°.2/ 8.6 18

5 1	17 37.85	−22 29.5	1.713	2.536	16.0	20.2
5 11	17 33.95	−23 16.6	1.604	2.509	12.8	19.9
5 21	17 27.00	−24 7.4	1.516	2.482	8.9	19.6
5 31	17 17.43	−24 59.6	1.451	2.454	4.4	19.2
6 10	17 6.17	−25 49.8	1.413	2.427	1.4	19.0
6 20	16 54.47	−26 35.1	1.401	2.400	5.9	19.2
6 30	16 43.80	−27 14.4	1.415	2.372	10.7	19.4
7 10	16 35.44	−27 48.7	1.452	2.345	15.1	19.6

81092 2000 ES_{100} 6 8.6 262°.85 0°.3/ 8.6 18

5 1	17 36.92	−22 57.5	1.819	2.639	15.3	20.7
5 11	17 32.71	−22 49.6	1.717	2.621	12.2	20.4
5 21	17 25.78	−22 39.0	1.636	2.602	8.4	20.1
5 31	17 16.67	−22 25.1	1.579	2.583	4.0	19.8
6 10	17 6.32	−22 8.1	1.549	2.564	0.7	19.5
6 20	16 55.90	−21 49.0	1.546	2.544	5.4	19.8
6 30	16 46.64	−21 30.4	1.568	2.524	10.0	20.0
7 10	16 39.54	−21 14.9	1.613	2.504	14.0	20.2

183985 2004 EK_{46} 6 8.6 353°.60 5°.4/ 8.2 18

5 1	17 33.54	−10 59.7	1.407	2.244	18.2	19.7
5 11	17 30.37	−10 44.1	1.333	2.241	14.7	19.5
5 21	17 24.29	−10 37.6	1.277	2.239	10.7	19.3
5 31	17 15.95	−10 43.0	1.243	2.237	6.9	19.0
6 10	17 6.46	−11 1.9	1.234	2.236	5.5	18.9
6 20	16 57.09	−11 34.5	1.248	2.236	8.1	19.1
6 30	16 49.15	−12 19.5	1.285	2.236	12.2	19.3
7 10	16 43.62	−13 14.5	1.344	2.236	16.1	19.6

21269 Bechini 6 8.6 275°.96 0°.1/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.36	−24 50.8	1.547	2.377	17.2	18.4
5 11	17 33.61	−24 26.3	1.447	2.356	13.7	18.1
5 21	17 26.70	−23 54.8	1.366	2.334	9.5	17.8
5 31	17 17.20	−23 16.1	1.308	2.313	4.6	17.5
6 10	17 6.24	−22 30.8	1.276	2.291	0.8	17.2
6 20	16 55.20	−21 41.9	1.269	2.269	6.2	17.5
6 30	16 45.55	−20 54.0	1.287	2.247	11.4	17.7
7 10	16 38.47	−20 11.8	1.327	2.224	16.0	17.9

181744 1995 YT_{8} 6 8.6 170°.31 0°.2/ 8.6 17

5 1	17 38.95	−22 30.8	2.047	2.856	14.3	22.1
5 11	17 33.71	−22 31.3	1.963	2.860	11.2	21.9
5 21	17 26.08	−22 30.2	1.900	2.864	7.6	21.7
5 31	17 16.65	−22 26.8	1.863	2.866	3.6	21.5
6 10	17 6.36	−22 20.8	1.854	2.868	0.6	21.2
6 20	16 56.23	−22 13.1	1.872	2.870	4.8	21.6
6 30	16 47.28	−22 5.1	1.918	2.871	8.7	21.8
7 10	16 40.30	−21 59.0	1.988	2.871	12.1	22.0

43811 1991 RA_{24} 6 8.6 254°.04 1°.3/ 8.8 18

5 1	17 38.79	−26 7.8	1.879	2.692	15.2	19.8
5 11	17 34.23	−26 17.6	1.774	2.673	12.1	19.5
5 21	17 26.85	−26 23.7	1.691	2.654	8.4	19.2
5 31	17 17.21	−26 24.1	1.632	2.634	4.3	18.9
6 10	17 6.25	−26 17.6	1.600	2.614	1.4	18.7
6 20	16 55.18	−26 4.5	1.595	2.593	5.4	18.9
6 30	16 45.28	−25 46.7	1.616	2.572	9.8	19.1
7 10	16 37.58	−25 27.8	1.661	2.550	13.8	19.3

15866 1996 KG 6 8.6 140°.09 2°.0/ 8.2 18

5 1	17 37.91	−19 39.1	1.518	2.349	17.4	18.1
5 11	17 33.60	−19 17.3	1.444	2.353	13.7	17.8
5 21	17 26.34	−18 54.9	1.389	2.357	9.4	17.6
5 31	17 16.87	−18 32.8	1.358	2.361	4.7	17.3
6 10	17 6.34	−18 12.4	1.351	2.364	2.2	17.2
6 20	16 56.08	−17 55.6	1.371	2.368	6.3	17.4
6 30	16 47.34	−17 44.7	1.415	2.371	10.9	17.7
7 10	16 41.08	−17 41.2	1.481	2.373	14.9	18.0

174671 2003 SW_{251} 6 8.6 237°.27 0°.7/ 8.7 18

5 1	17 39.33	−24 25.1	1.896	2.709	15.1	20.7
5 11	17 34.54	−24 35.3	1.796	2.695	12.0	20.5
5 21	17 26.99	−24 43.1	1.717	2.681	8.3	20.2
5 31	17 17.25	−24 47.1	1.663	2.666	4.1	19.9
6 10	17 6.27	−24 46.1	1.635	2.650	0.9	19.6
6 20	16 55.23	−24 40.2	1.635	2.633	5.2	19.9
6 30	16 45.35	−24 31.3	1.662	2.616	9.6	20.1
7 10	16 37.64	−24 22.0	1.711	2.599	13.5	20.3

73731 1993 FS_{47} 6 8.6 168°.13 3°.9/ 9.3 18

5 1	17 40.34	−31 40.0	1.786	2.593	16.1	19.3
5 11	17 35.51	−32 13.3	1.705	2.596	13.0	19.1
5 21	17 27.69	−32 39.6	1.644	2.598	9.4	18.9
5 31	17 17.55	−32 55.0	1.606	2.599	5.7	18.7
6 10	17 6.24	−32 56.8	1.595	2.601	3.9	18.5
6 20	16 55.10	−32 44.9	1.610	2.602	6.2	18.7
6 30	16 45.46	−32 22.1	1.651	2.602	9.9	18.9
7 10	16 38.32	−31 53.2	1.714	2.603	13.5	19.1

399228 2014 GH_{46} 6 8.6 54°.85 5°.7/ 9.0 16

5 1	17 39.40	−35 53.6	2.164	2.951	14.3	21.5
5 11	17 34.51	−37 10.1	2.086	2.958	11.8	21.4
5 21	17 26.91	−38 19.9	2.030	2.965	9.0	21.2
5 31	17 17.17	−39 17.7	1.998	2.972	6.7	21.1
6 10	17 6.30	−39 59.5	1.994	2.979	5.7	21.0
6 20	16 55.45	−40 23.5	2.016	2.986	7.0	21.1
6 30	16 45.84	−40 30.8	2.064	2.994	9.5	21.3
7 10	16 38.42	−40 25.3	2.135	3.001	12.1	21.5

498650 2008 SE_{88} 6 8.6 150°.78 6°.1/ 9.9 17

5 1	17 42.25	−39 58.1	2.354	3.120	13.9	21.9
5 11	17 36.53	−40 50.5	2.273	3.128	11.6	21.8
5 21	17 28.13	−41 32.7	2.214	3.135	9.2	21.6
5 31	17 17.70	−42 0.1	2.180	3.142	7.0	21.5
6 10	17 6.25	−42 9.6	2.171	3.148	6.1	21.4
6 20	16 54.95	−42 0.6	2.190	3.154	7.1	21.5
6 30	16 44.98	−41 35.5	2.235	3.159	9.2	21.7
7 10	16 37.23	−40 59.2	2.304	3.164	11.5	21.8

290757 2005 UE_{500} 6 8.6 252°.25 5°.2/ 7.0 18

5 1	17 31.26	− 7 10.8	2.606	3.401	11.9	21.5
5 11	17 27.19	− 6 31.0	2.509	3.388	9.8	21.3
5 21	17 21.44	− 5 56.6	2.435	3.374	7.6	21.1
5 31	17 14.43	− 5 30.5	2.386	3.360	5.7	21.0
6 10	17 6.77	− 5 14.8	2.365	3.346	5.3	20.9
6 20	16 59.13	− 5 10.9	2.370	3.331	6.8	21.0
6 30	16 52.19	− 5 19.3	2.402	3.316	9.0	21.1
7 10	16 46.56	− 5 39.4	2.458	3.301	11.4	21.2

479947 2014 HV_{167} 6 8.6 262°.49 0°.3/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.77	−20 37.3	2.407	3.211	12.5	20.8
5 11	17 31.88	−21 22.9	2.308	3.202	9.9	20.6
5 21	17 24.86	−22 11.3	2.231	3.193	6.7	20.4
5 31	17 16.15	−23 0.8	2.182	3.185	3.2	20.1
6 10	17 6.49	−23 49.4	2.161	3.176	0.6	19.9
6 20	16 56.74	−24 35.3	2.169	3.167	4.2	20.2
6 30	16 47.81	−25 17.7	2.206	3.158	7.8	20.4
7 10	16 40.49	−25 57.0	2.268	3.149	10.9	20.6

420473 2012 DC_{94} 6 8.6 161°.57 2°.6/ 9.1 17

5 1	17 41.30	−29 23.6	1.854	2.660	15.7	22.1
5 11	17 35.99	−29 39.9	1.773	2.665	12.5	21.9
5 21	17 27.85	−29 50.0	1.712	2.670	8.8	21.7
5 31	17 17.58	−29 50.9	1.677	2.675	4.9	21.5
6 10	17 6.29	−29 41.4	1.668	2.679	2.6	21.3
6 20	16 55.22	−29 22.0	1.686	2.682	5.5	21.5
6 30	16 45.60	−28 55.5	1.731	2.684	9.4	21.8
7 10	16 38.36	−28 26.4	1.799	2.686	13.0	22.0

377287 2004 FQ 6 8.6 58°.73 24°.4/ 2.6 18

5 1	17 35.34	+15 58.3	0.984	1.770	27.6	20.0
5 11	17 32.32	+19 33.5	0.964	1.783	26.0	20.0
5 21	17 25.74	+22 27.6	0.957	1.796	24.9	19.9
5 31	17 16.60	+24 25.3	0.964	1.810	24.4	19.9
6 10	17 6.46	+25 18.2	0.985	1.825	24.6	20.0
6 20	16 56.95	+25 6.4	1.017	1.839	25.3	20.1
6 30	16 49.51	+23 56.8	1.062	1.854	26.3	20.3
7 10	16 45.10	+22 1.8	1.117	1.869	27.4	20.4

11877 1990 EL_{8} 6 8.6 335°.37 3°.3/ 9.2 18

5 1	17 37.44	−29 41.7	1.479	2.307	17.9	17.2
5 11	17 33.78	−30 5.8	1.400	2.305	14.3	17.0
5 21	17 26.82	−30 23.2	1.340	2.303	10.2	16.7
5 31	17 17.25	−30 30.2	1.302	2.301	5.8	16.4
6 10	17 6.33	−30 24.6	1.288	2.299	3.3	16.3
6 20	16 55.59	−30 6.8	1.300	2.297	6.5	16.5
6 30	16 46.51	−29 40.0	1.336	2.296	11.0	16.7
7 10	16 40.22	−29 9.4	1.393	2.295	15.1	17.0

438219 2005 UQ_{335} 6 8.6 287°.79 0°.4/ 8.8 18

5 1	17 33.06	−25 31.0	2.259	3.073	13.0	21.9
5 11	17 29.09	−25 16.0	2.158	3.058	10.2	21.7
5 21	17 22.98	−24 56.4	2.079	3.043	7.0	21.4
5 31	17 15.24	−24 31.7	2.025	3.028	3.4	21.2
6 10	17 6.66	−24 2.5	1.999	3.014	0.6	20.9
6 20	16 58.13	−23 30.3	2.000	2.999	4.4	21.2
6 30	16 50.55	−22 57.5	2.028	2.984	8.1	21.4
7 10	16 44.67	−22 26.8	2.081	2.970	11.4	21.6

438204 2005 UN_{143} 6 8.6 276°.84 1°.6/ 7.9 17

5 1	17 32.81	−21 10.3	2.360	3.173	12.5	21.0
5 11	17 28.60	−20 21.8	2.266	3.166	9.8	20.8
5 21	17 22.47	−19 29.6	2.195	3.159	6.7	20.6
5 31	17 14.92	−18 35.2	2.150	3.152	3.4	20.4
6 10	17 6.72	−17 40.8	2.133	3.145	1.8	20.3
6 20	16 58.66	−16 49.1	2.145	3.138	4.7	20.4
6 30	16 51.52	−16 2.9	2.184	3.131	8.1	20.6
7 10	16 45.95	−15 24.5	2.247	3.124	11.1	20.8

304008 2006 CY_{26} 6 8.6 341°.63 1°.1/ 8.8 17

5 1	17 35.14	−25 4.0	1.211	2.061	19.7	20.5
5 11	17 32.48	−25 12.7	1.136	2.057	15.7	20.2
5 21	17 26.22	−25 17.4	1.080	2.052	10.8	19.9
5 31	17 17.06	−25 16.2	1.044	2.048	5.3	19.6
6 10	17 6.38	−25 8.2	1.030	2.045	1.3	19.3
6 20	16 55.87	−24 54.2	1.041	2.042	6.7	19.6
6 30	16 47.19	−24 37.5	1.073	2.040	12.2	19.9
7 10	16 41.58	−24 22.1	1.125	2.039	17.0	20.2

474952 2005 TX_{21} 6 8.6 238°.23 2°.4/ 9.1 18

5 1	17 35.24	−29 56.9	2.655	3.450	11.7	22.0
5 11	17 30.58	−30 20.0	2.554	3.439	9.4	21.8
5 21	17 23.89	−30 38.8	2.475	3.428	6.7	21.6
5 31	17 15.67	−30 51.1	2.422	3.417	3.9	21.4
6 10	17 6.62	−30 55.8	2.398	3.406	2.4	21.3
6 20	16 57.57	−30 52.6	2.402	3.394	4.4	21.4
6 30	16 49.36	−30 42.8	2.433	3.382	7.3	21.6
7 10	16 42.71	−30 28.7	2.490	3.370	10.1	21.8

216074 2006 QE_{36} 6 8.6 327°.25 2°.5/ 8.8 18

5 1	17 35.01	−25 58.3	1.314	2.158	18.8	19.9
5 11	17 32.33	−26 36.0	1.232	2.148	15.0	19.6
5 21	17 26.16	−27 12.0	1.168	2.138	10.5	19.4
5 31	17 17.09	−27 42.9	1.126	2.128	5.5	19.0
6 10	17 6.38	−28 5.5	1.107	2.120	2.6	18.8
6 20	16 55.64	−28 18.2	1.112	2.112	6.8	19.1
6 30	16 46.54	−28 22.5	1.140	2.104	11.9	19.3
7 10	16 40.39	−28 21.9	1.188	2.098	16.5	19.6

238697 2005 ES_{287} 6 8.6 332°.34 5°.4/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.43	−35 36.3	1.710	2.521	16.5	19.9
5 11	17 32.03	−36 5.3	1.623	2.513	13.6	19.6
5 21	17 25.54	−36 23.7	1.556	2.505	10.2	19.4
5 31	17 16.64	−36 27.2	1.511	2.497	7.0	19.2
6 10	17 6.47	−36 13.1	1.491	2.490	5.4	19.1
6 20	16 56.43	−35 41.6	1.496	2.483	7.1	19.2
6 30	16 47.90	−34 56.4	1.525	2.477	10.5	19.4
7 10	16 41.94	−34 3.5	1.576	2.472	14.0	19.6

43655 2002 EC_{99} 6 8.7 26°.73 0°.8/ 8.8 18

5 1	17 35.34	−25 38.9	1.731	2.556	15.8	19.5
5 11	17 31.41	−25 36.8	1.652	2.558	12.5	19.3
5 21	17 24.80	−25 30.2	1.594	2.560	8.5	19.0
5 31	17 16.17	−25 18.1	1.559	2.562	4.2	18.8
6 10	17 6.57	−25 0.4	1.550	2.565	1.0	18.6
6 20	16 57.19	−24 38.5	1.567	2.567	5.2	18.9
6 30	16 49.17	−24 15.1	1.610	2.570	9.5	19.1
7 10	16 43.38	−23 53.2	1.676	2.573	13.2	19.3

507415 2012 PY_{6} 6 8.7 337°.96 2°.0/ 9.4 17

5 1	17 35.22	−31 57.4	1.463	2.293	18.0	20.3
5 11	17 31.97	−31 10.5	1.377	2.284	14.4	20.0
5 21	17 25.49	−30 7.5	1.310	2.275	10.2	19.7
5 31	17 16.58	−28 47.6	1.266	2.267	5.4	19.4
6 10	17 6.52	−27 13.1	1.247	2.260	2.0	19.2
6 20	16 56.78	−25 29.7	1.253	2.254	6.0	19.4
6 30	16 48.77	−23 45.7	1.284	2.248	10.9	19.7
7 10	16 43.47	−22 9.2	1.337	2.243	15.3	19.9

506866 2007 VX_{331} 6 8.7 113°.30 2°.2/ 9.4 17

5 1	17 36.10	−30 56.5	2.354	3.153	13.0	21.6
5 11	17 31.24	−30 51.3	2.274	3.162	10.3	21.4
5 21	17 24.26	−30 38.7	2.216	3.171	7.2	21.3
5 31	17 15.78	−30 17.5	2.184	3.180	4.1	21.1
6 10	17 6.66	−29 47.7	2.179	3.189	2.2	21.0
6 20	16 57.79	−29 10.8	2.203	3.198	4.4	21.1
6 30	16 50.05	−28 29.6	2.254	3.207	7.6	21.3
7 10	16 44.10	−27 47.5	2.329	3.215	10.5	21.5

12528 1998 KL_{31} 6 8.7 1°.77 0°.7/ 8.7 18

5 1	17 35.88	−17 31.9	1.504	2.338	17.3	16.5
5 11	17 32.28	−18 21.1	1.425	2.337	13.7	16.3
5 21	17 25.70	−19 17.7	1.367	2.336	9.4	16.0
5 31	17 16.74	−20 19.7	1.332	2.336	4.5	15.8
6 10	17 6.49	−21 24.2	1.323	2.337	1.0	15.5
6 20	16 56.27	−22 27.9	1.339	2.339	5.8	15.8
6 30	16 47.43	−23 28.7	1.380	2.341	10.6	16.1
7 10	16 41.05	−24 26.0	1.444	2.344	14.7	16.4

409432 2005 NZ_{77} 6 8.7 285°.44 0°.6/ 8.4 18

5 1	17 29.25	−20 53.1	3.172	3.978	9.8	21.2
5 11	17 25.45	−20 46.1	3.065	3.962	7.7	21.1
5 21	17 20.20	−20 38.4	2.982	3.945	5.2	20.9
5 31	17 13.86	−20 30.0	2.926	3.929	2.5	20.7
6 10	17 6.96	−20 21.5	2.898	3.913	0.8	20.5
6 20	17 0.07	−20 13.4	2.900	3.896	3.4	20.7
6 30	16 53.77	−20 6.7	2.929	3.880	6.1	20.9
7 10	16 48.58	−20 2.2	2.984	3.863	8.6	21.0

61470 2000 QK_{35} 6 8.7 271°.05 1°.0/ 8.9 18

5 1	17 36.54	−26 22.3	1.903	2.720	14.9	19.2
5 11	17 32.39	−26 18.3	1.800	2.701	11.9	19.0
5 21	17 25.58	−26 9.1	1.717	2.681	8.2	18.7
5 31	17 16.64	−25 53.5	1.659	2.662	4.1	18.4
6 10	17 6.51	−25 31.1	1.628	2.642	1.1	18.1
6 20	16 56.34	−25 3.0	1.623	2.622	5.2	18.4
6 30	16 47.31	−24 32.0	1.644	2.602	9.5	18.6
7 10	16 40.40	−24 1.7	1.689	2.581	13.4	18.8

107656 2001 EC_{25} 6 8.7 152°.29 1°.2/ 8.4 17

5 1	17 39.19	−20 3.4	1.948	2.759	14.8	20.6
5 11	17 33.95	−19 56.8	1.869	2.768	11.6	20.4
5 21	17 26.27	−19 49.9	1.812	2.776	7.9	20.2
5 31	17 16.81	−19 42.9	1.780	2.783	3.9	19.9
6 10	17 6.52	−19 36.1	1.776	2.790	1.4	19.8
6 20	16 56.43	−19 30.2	1.799	2.796	5.1	20.0
6 30	16 47.59	−19 26.8	1.850	2.801	9.0	20.3
7 10	16 40.78	−19 27.1	1.924	2.806	12.5	20.5

152806 1999 TW_{185} 6 8.7 221°.12 8°.4/10.7 18

5 1	17 45.81	−53 37.8	3.169	3.852	12.2	21.4
5 11	17 39.50	−54 40.2	3.075	3.843	11.0	21.2
5 21	17 30.32	−55 29.9	3.000	3.833	9.7	21.1
5 31	17 18.87	−56 1.5	2.949	3.822	8.8	21.1
6 10	17 6.17	−56 11.4	2.921	3.811	8.4	21.0
6 20	16 53.45	−55 58.4	2.918	3.800	8.7	21.0
6 30	16 42.01	−55 24.2	2.939	3.788	9.6	21.1
7 10	16 32.86	−54 33.4	2.983	3.775	10.9	21.1

261373 2005 UT_{353} 6 8.7 236°.12 8°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 45.37	−47 38.7	2.727	3.450	13.1	20.9
5 11	17 39.51	−49 11.5	2.633	3.441	11.6	20.8
5 21	17 30.61	−50 34.2	2.561	3.431	10.0	20.7
5 31	17 19.15	−51 40.5	2.513	3.422	8.8	20.6
6 10	17 6.11	−52 25.2	2.491	3.412	8.4	20.5
6 20	16 52.75	−52 45.9	2.495	3.402	9.0	20.6
6 30	16 40.49	−52 43.5	2.523	3.391	10.4	20.6
7 10	16 30.54	−52 22.4	2.574	3.381	12.0	20.7

146128 2000 RQ_{82} 6 8.7 240°.03 1°.9/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.77	−18 15.3	2.527	3.336	11.9	20.7
5 11	17 28.50	−17 48.3	2.429	3.326	9.4	20.6
5 21	17 22.40	−17 20.9	2.354	3.316	6.5	20.4
5 31	17 14.94	−16 54.1	2.305	3.305	3.4	20.1
6 10	17 6.81	−16 29.1	2.284	3.294	2.1	20.0
6 20	16 58.72	−16 7.6	2.292	3.283	4.6	20.2
6 30	16 51.45	−15 51.0	2.326	3.272	7.8	20.4
7 10	16 45.61	−15 40.5	2.386	3.260	10.7	20.5

137834 2000 AM_{26} 6 8.7 181°.92 0°.8/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.33	−25 22.5	1.995	2.804	14.6	21.4
5 11	17 34.21	−25 26.5	1.909	2.805	11.5	21.2
5 21	17 26.56	−25 26.9	1.843	2.806	7.9	20.9
5 31	17 17.00	−25 22.3	1.803	2.805	3.9	20.7
6 10	17 6.49	−25 12.3	1.790	2.805	1.0	20.5
6 20	16 56.12	−24 57.5	1.805	2.803	4.9	20.7
6 30	16 46.99	−24 40.1	1.847	2.801	8.8	21.0
7 10	16 39.94	−24 23.0	1.913	2.799	12.4	21.2

68872 2002 JP_{36} 6 8.7 41°.50 6°.4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.95	− 9 28.7	1.556	2.385	17.1	18.5
5 11	17 29.38	− 8 39.6	1.496	2.398	13.8	18.3
5 21	17 23.29	− 7 58.5	1.456	2.411	10.3	18.1
5 31	17 15.40	− 7 29.5	1.439	2.424	7.3	17.9
6 10	17 6.75	− 7 15.6	1.446	2.438	6.5	17.9
6 20	16 58.43	− 7 18.2	1.477	2.453	8.6	18.1
6 30	16 51.46	− 7 37.0	1.532	2.467	11.8	18.3
7 10	16 46.62	− 8 9.9	1.608	2.482	14.9	18.5

446615 2015 MX_{76} 6 8.7 277°.31 6°.8/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.73	− 2 32.9	2.358	3.146	13.2	21.3
5 11	17 27.75	− 2 3.7	2.268	3.136	11.1	21.2
5 21	17 21.93	− 1 44.3	2.200	3.126	8.9	21.0
5 31	17 14.74	− 1 38.1	2.156	3.116	7.2	20.9
6 10	17 6.85	− 1 47.0	2.138	3.106	6.8	20.8
6 20	16 58.98	− 2 11.9	2.146	3.096	8.0	20.9
6 30	16 51.91	− 2 51.9	2.179	3.086	10.2	21.0
7 10	16 46.26	− 3 45.2	2.236	3.076	12.5	21.1

440714 2005 YK_{219} 6 8.7 220°.39 0°.0/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.86	−23 29.2	2.876	3.678	10.8	22.6
5 11	17 28.39	−23 26.7	2.777	3.671	8.4	22.4
5 21	17 22.25	−23 22.1	2.701	3.663	5.7	22.2
5 31	17 14.86	−23 15.2	2.653	3.656	2.7	22.0
6 10	17 6.85	−23 6.1	2.632	3.647	0.4	21.8
6 20	16 58.88	−22 55.3	2.641	3.639	3.6	22.1
6 30	16 51.65	−22 44.1	2.678	3.630	6.6	22.2
7 10	16 45.74	−22 33.9	2.741	3.621	9.3	22.4

128723 2004 RG_{140} 6 8.7 78°.39 1°.0/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.60	−25 24.7	2.412	3.220	12.4	20.1
5 11	17 29.33	−25 40.6	2.324	3.221	9.7	19.9
5 21	17 23.06	−25 54.0	2.259	3.222	6.7	19.7
5 31	17 15.29	−26 3.9	2.220	3.222	3.3	19.5
6 10	17 6.79	−26 9.4	2.209	3.223	1.1	19.3
6 20	16 58.37	−26 10.7	2.225	3.223	4.1	19.6
6 30	16 50.88	−26 8.8	2.269	3.224	7.4	19.8
7 10	16 44.99	−26 5.6	2.338	3.224	10.4	19.9

33652 1999 JP_{84} 6 8.7 113°.67 8°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.66	− 1 45.8	1.920	2.713	15.7	18.6
5 11	17 30.22	− 0 42.3	1.856	2.723	13.2	18.5
5 21	17 23.64	+ 0 9.6	1.812	2.734	10.8	18.4
5 31	17 15.53	+ 0 45.0	1.792	2.744	9.0	18.3
6 10	17 6.76	+ 1 0.6	1.796	2.754	8.6	18.3
6 20	16 58.24	+ 0 55.1	1.825	2.764	9.9	18.4
6 30	16 50.83	+ 0 29.1	1.878	2.774	12.1	18.5
7 10	16 45.22	− 0 14.3	1.953	2.783	14.5	18.7

183644 2003 WX_{59} 6 8.7 129°.25 0°.7/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.24	−21 17.5	1.769	2.587	15.8	21.4
5 11	17 34.23	−21 14.4	1.696	2.598	12.4	21.2
5 21	17 26.59	−21 10.4	1.643	2.609	8.4	20.9
5 31	17 17.01	−21 5.2	1.615	2.619	4.0	20.7
6 10	17 6.54	−20 58.9	1.614	2.629	1.0	20.5
6 20	16 56.35	−20 52.3	1.640	2.638	5.3	20.8
6 30	16 47.55	−20 47.1	1.692	2.647	9.5	21.1
7 10	16 40.97	−20 45.2	1.768	2.655	13.1	21.3

490831 2010 VT_{215} 6 8.7 257°.77 0°.3/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.01	−22 3.2	1.756	2.577	15.8	22.1
5 11	17 33.74	−22 4.6	1.656	2.560	12.6	21.9
5 21	17 26.64	−22 5.0	1.576	2.542	8.6	21.6
5 31	17 17.23	−22 3.5	1.520	2.524	4.2	21.3
6 10	17 6.49	−21 59.8	1.490	2.505	0.8	21.0
6 20	16 55.64	−21 54.4	1.487	2.486	5.6	21.3
6 30	16 45.97	−21 49.1	1.510	2.466	10.2	21.5
7 10	16 38.54	−21 46.0	1.555	2.446	14.4	21.7

180288 2003 WH_{102} 6 8.7 186°.24 0°.9/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.84	−24 50.1	1.925	2.736	15.0	21.1
5 11	17 34.75	−25 2.2	1.838	2.736	11.9	20.9
5 21	17 27.02	−25 11.6	1.772	2.735	8.1	20.7
5 31	17 17.28	−25 16.7	1.732	2.734	4.0	20.4
6 10	17 6.50	−25 16.5	1.718	2.732	1.0	20.2
6 20	16 55.83	−25 11.2	1.732	2.730	5.0	20.5
6 30	16 46.42	−25 2.6	1.772	2.727	9.1	20.7
7 10	16 39.17	−24 53.5	1.837	2.724	12.8	20.9

173896 2001 UM_{116} 6 8.7 259°.49 0°.4/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.00	−21 35.4	2.333	3.144	12.7	21.1
5 11	17 29.76	−21 35.8	2.232	3.131	10.0	20.9
5 21	17 23.44	−21 35.5	2.153	3.118	6.8	20.6
5 31	17 15.53	−21 34.1	2.101	3.104	3.3	20.4
6 10	17 6.77	−21 31.5	2.075	3.090	0.7	20.2
6 20	16 58.00	−21 28.5	2.078	3.076	4.4	20.4
6 30	16 50.09	−21 25.9	2.109	3.062	8.0	20.6
7 10	16 43.80	−21 25.2	2.163	3.048	11.2	20.8

416153 2002 RB_{79} 6 8.7 237°.43 1°.2/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.90	−25 59.6	1.928	2.739	14.9	21.8
5 11	17 34.20	−26 8.5	1.829	2.727	11.9	21.6
5 21	17 26.79	−26 13.7	1.751	2.714	8.2	21.4
5 31	17 17.23	−26 13.4	1.698	2.700	4.2	21.1
6 10	17 6.50	−26 6.7	1.672	2.686	1.3	20.8
6 20	16 55.74	−25 53.8	1.673	2.671	5.2	21.1
6 30	16 46.15	−25 36.9	1.700	2.656	9.4	21.3
7 10	16 38.71	−25 19.0	1.751	2.640	13.2	21.5

461874 2006 JP_{9} 6 8.7 97°.10 0°.9/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.82	−22 36.5	1.491	2.320	17.7	21.8
5 11	17 35.04	−22 12.7	1.427	2.335	13.9	21.6
5 21	17 27.27	−21 45.5	1.382	2.350	9.4	21.4
5 31	17 17.34	−21 15.3	1.361	2.365	4.5	21.1
6 10	17 6.51	−20 43.5	1.365	2.380	1.2	20.9
6 20	16 56.15	−20 12.6	1.395	2.394	5.9	21.3
6 30	16 47.48	−19 45.9	1.450	2.408	10.5	21.6
7 10	16 41.39	−19 26.0	1.528	2.421	14.5	21.9

498033 2007 HF_{25} 6 8.7 229°.55 0°.2/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.92	−22 51.5	2.074	2.886	14.0	21.6
5 11	17 32.33	−23 3.5	1.979	2.878	11.1	21.4
5 21	17 25.34	−23 14.6	1.906	2.870	7.6	21.1
5 31	17 16.49	−23 23.7	1.858	2.861	3.6	20.9
6 10	17 6.64	−23 30.1	1.837	2.852	0.6	20.6
6 20	16 56.79	−23 33.7	1.844	2.843	4.7	20.9
6 30	16 47.99	−23 35.6	1.878	2.833	8.7	21.1
7 10	16 41.09	−23 37.7	1.936	2.823	12.2	21.3

385337 2002 GH_{182} 6 8.7 155°.98 7°.2/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.71	− 6 1.1	1.993	2.797	14.8	21.4
5 11	17 29.50	− 4 53.6	1.919	2.800	12.2	21.2
5 21	17 23.20	− 3 53.3	1.866	2.802	9.6	21.0
5 31	17 15.37	− 3 4.9	1.837	2.805	7.6	20.9
6 10	17 6.83	− 2 31.9	1.833	2.807	7.3	20.9
6 20	16 58.46	− 2 16.7	1.856	2.809	8.9	21.0
6 30	16 51.14	− 2 19.8	1.902	2.810	11.3	21.1
7 10	16 45.54	− 2 39.7	1.971	2.812	13.9	21.3

113307 2002 RS_{186} 6 8.7 101°.96 7°.0/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 41.04	−42 43.0	2.130	2.896	15.1	19.7
5 11	17 35.88	−43 17.8	2.053	2.904	12.8	19.5
5 21	17 27.83	−43 39.0	1.996	2.911	10.3	19.4
5 31	17 17.64	−43 41.7	1.962	2.919	8.0	19.3
6 10	17 6.48	−43 23.4	1.953	2.926	7.0	19.2
6 20	16 55.64	−42 44.5	1.970	2.933	7.7	19.3
6 30	16 46.38	−41 48.9	2.013	2.941	9.8	19.4
7 10	16 39.58	−40 43.0	2.079	2.948	12.3	19.6

59661 1999 JG_{96} 6 8.7 280°.18 5°.9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.00	− 7 40.6	1.921	2.726	15.2	18.2
5 11	17 31.83	− 7 23.8	1.813	2.699	12.6	18.0
5 21	17 25.19	− 7 15.9	1.725	2.672	9.6	17.7
5 31	17 16.52	− 7 20.0	1.661	2.644	6.8	17.5
6 10	17 6.63	− 7 38.1	1.623	2.616	5.9	17.4
6 20	16 56.50	− 8 11.2	1.611	2.587	8.0	17.5
6 30	16 47.25	− 8 58.5	1.625	2.558	11.4	17.6
7 10	16 39.82	− 9 58.2	1.662	2.529	14.9	17.7

145380 2005 NK_{11} 6 8.7 320.°44 1.°3/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.59	−19 58.6	1.968	2.793	14.2	20.6
5 11	17 28.96	−19 50.0	1.879	2.785	11.2	20.4
5 21	17 23.04	−19 41.4	1.811	2.778	7.6	20.2
5 31	17 15.39	−19 32.9	1.768	2.771	3.8	19.9
6 10	17 6.83	−19 25.3	1.751	2.765	1.4	19.7
6 20	16 58.34	−19 19.5	1.761	2.759	5.0	20.0
6 30	16 50.91	−19 16.8	1.797	2.752	8.9	20.2
7 10	16 45.31	−19 18.3	1.856	2.747	12.5	20.4

479881 2014 HO_{6} 6 8.7 321.°21 0.°2/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.73	−21 22.6	2.028	2.850	13.9	20.9
5 11	17 29.11	−21 35.9	1.934	2.839	11.0	20.7
5 21	17 23.19	−21 49.7	1.863	2.829	7.5	20.4
5 31	17 15.48	−22 3.1	1.816	2.820	3.6	20.2
6 10	17 6.83	−22 15.7	1.796	2.810	0.6	19.9
6 20	16 58.17	−22 27.4	1.802	2.801	4.7	20.2
6 30	16 50.50	−22 38.7	1.835	2.793	8.6	20.4
7 10	16 44.65	−22 50.7	1.892	2.784	12.2	20.6

131729 2001 YP_{91} 6 8.7 139.°40 1.°8/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.57	−18 20.7	1.617	2.439	16.8	20.0
5 11	17 34.77	−18 20.3	1.542	2.447	13.3	19.8
5 21	17 27.13	−18 22.0	1.489	2.454	9.1	19.5
5 31	17 17.36	−18 25.9	1.458	2.461	4.6	19.3
6 10	17 6.55	−18 31.9	1.454	2.467	2.0	19.1
6 20	16 55.97	−18 40.5	1.477	2.473	5.9	19.4
6 30	16 46.85	−18 52.3	1.524	2.479	10.3	19.6
7 10	16 40.11	−19 8.3	1.595	2.484	14.2	19.9

28461 2000 AL_{164} 6 8.7 352.°29 1.°9/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.00	−22 14.2	1.303	2.154	18.5	16.7
5 11	17 29.56	−21 27.5	1.228	2.150	14.6	16.4
5 21	17 23.97	−20 35.0	1.172	2.146	10.0	16.1
5 31	17 15.95	−19 38.7	1.137	2.142	4.9	15.9
6 10	17 6.77	−18 42.2	1.127	2.140	2.2	15.7
6 20	16 57.83	−17 49.9	1.140	2.139	6.8	15.9
6 30	16 50.52	−17 6.5	1.176	2.138	11.8	16.2
7 10	16 45.85	−16 35.2	1.232	2.139	16.3	16.5

80620 2000 AY_{178} 6 8.7 233.°97 4.°8/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.12	−12 31.7	1.835	2.651	15.4	19.7
5 11	17 31.82	−11 52.5	1.744	2.641	12.4	19.5
5 21	17 25.05	−11 16.8	1.675	2.632	9.0	19.2
5 31	17 16.38	−10 47.7	1.630	2.621	5.9	19.0
6 10	17 6.71	−10 27.6	1.611	2.611	4.9	18.9
6 20	16 57.07	−10 18.8	1.618	2.600	7.3	19.1
6 30	16 48.54	−10 22.2	1.651	2.588	10.9	19.2
7 10	16 41.99	−10 37.8	1.705	2.576	14.4	19.4

253323 2003 EN_{13} 6 8.7 80.°58 0.°5/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.94	−25 1.2	1.685	2.506	16.4	21.1
5 11	17 34.03	−24 54.2	1.623	2.526	12.8	20.9
5 21	17 26.43	−24 42.8	1.581	2.547	8.7	20.7
5 31	17 16.92	−24 26.3	1.564	2.567	4.1	20.5
6 10	17 6.65	−24 5.2	1.572	2.587	0.7	20.3
6 20	16 56.82	−23 41.1	1.608	2.607	5.2	20.6
6 30	16 48.55	−23 16.9	1.669	2.627	9.3	20.9
7 10	16 42.61	−22 55.6	1.753	2.646	13.0	21.2

102891 1999 XK_{6} 6 8.7 237.°97 0.°6/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.09	−24 12.8	1.904	2.717	15.0	20.8
5 11	17 34.38	−24 23.1	1.805	2.704	12.0	20.6
5 21	17 26.95	−24 31.3	1.726	2.690	8.2	20.3
5 31	17 17.36	−24 35.9	1.673	2.676	4.0	20.0
6 10	17 6.55	−24 35.8	1.646	2.661	0.9	19.7
6 20	16 55.68	−24 31.2	1.647	2.645	5.2	20.0
6 30	16 45.97	−24 23.7	1.674	2.629	9.5	20.2
7 10	16 38.39	−24 16.0	1.724	2.612	13.4	20.4

237015 2008 SL_{2} 6 8.7 234.°43 6.°8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.91	− 5 33.1	2.234	3.029	13.7	20.4
5 11	17 29.58	− 4 32.2	2.142	3.017	11.4	20.3
5 21	17 23.26	− 3 37.7	2.072	3.005	9.0	20.1
5 31	17 15.45	− 2 53.5	2.027	2.993	7.2	19.9
6 10	17 6.86	− 2 23.2	2.009	2.980	6.9	19.9
6 20	16 58.31	− 2 8.9	2.016	2.967	8.4	20.0
6 30	16 50.61	− 2 11.6	2.049	2.953	10.8	20.1
7 10	16 44.47	− 2 30.2	2.104	2.939	13.4	20.2

237977 2002 RE_{237} 6 8.7 289.°84 2.°7/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.23	−29 24.9	1.983	2.794	14.6	20.7
5 11	17 32.01	−29 50.2	1.896	2.792	11.7	20.5
5 21	17 25.23	−30 10.4	1.831	2.789	8.3	20.3
5 31	17 16.47	−30 22.8	1.790	2.787	4.7	20.1
6 10	17 6.70	−30 25.9	1.775	2.784	2.8	20.0
6 20	16 57.02	−30 19.4	1.787	2.782	5.3	20.1
6 30	16 48.55	−30 5.4	1.825	2.780	8.9	20.3
7 10	16 42.17	−29 47.2	1.887	2.777	12.3	20.5

350881 2002 QC_{57} 6 8.7 311.°63 6.°2/ 7.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.20	−10 7.6	1.689	2.517	16.0	21.1
5 11	17 28.32	− 9 22.5	1.592	2.493	13.1	20.9
5 21	17 22.90	− 8 42.6	1.514	2.470	9.9	20.6
5 31	17 15.46	− 8 11.9	1.459	2.446	7.0	20.4
6 10	17 6.85	− 7 54.1	1.429	2.423	6.3	20.3
6 20	16 58.13	− 7 51.9	1.423	2.401	8.6	20.4
6 30	16 50.43	− 8 6.3	1.441	2.379	12.2	20.5
7 10	16 44.73	− 8 36.5	1.480	2.357	15.8	20.7

301121 2008 WE_{59} 6 8.7 77.°01 2.°2/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.83	−18 19.5	1.333	2.172	18.8	21.1
5 11	17 33.98	−18 11.2	1.263	2.177	14.9	20.8
5 21	17 26.90	−18 5.0	1.213	2.182	10.2	20.6
5 31	17 17.34	−18 1.6	1.184	2.188	5.2	20.3
6 10	17 6.58	−18 1.7	1.180	2.193	2.4	20.1
6 20	16 56.09	−18 5.9	1.200	2.198	6.8	20.4
6 30	16 47.29	−18 15.5	1.244	2.203	11.7	20.7
7 10	16 41.23	−18 31.3	1.309	2.209	16.0	21.0

199327 2006 BR_{128} 6 8.7 10.°10 0.°9/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.90	−25 20.5	1.808	2.629	15.4	20.3
5 11	17 31.82	−25 25.7	1.726	2.629	12.1	20.1
5 21	17 25.11	−25 27.2	1.664	2.630	8.3	19.9
5 31	17 16.41	−25 23.8	1.627	2.630	4.1	19.6
6 10	17 6.73	−25 15.1	1.616	2.630	1.1	19.4
6 20	16 57.20	−25 1.8	1.631	2.630	5.1	19.7
6 30	16 48.96	−24 46.2	1.672	2.631	9.3	19.9
7 10	16 42.89	−24 31.0	1.736	2.631	13.0	20.2

253678 2003 UU_{222} 6 8.7 163.°01 2.°5/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.98	−28 57.3	1.891	2.697	15.4	21.3
5 11	17 35.75	−29 16.8	1.809	2.702	12.3	21.1
5 21	17 27.76	−29 30.6	1.748	2.706	8.6	20.9
5 31	17 17.66	−29 36.2	1.712	2.710	4.7	20.6
6 10	17 6.54	−29 31.8	1.703	2.714	2.5	20.5
6 20	16 55.62	−29 17.9	1.721	2.716	5.4	20.7
6 30	16 46.08	−28 57.0	1.765	2.719	9.2	20.9
7 10	16 38.85	−28 32.9	1.833	2.720	12.8	21.1

257649 1999 TP_{319} 6 8.7 339.°22 3.°2/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.87	−28 47.4	1.553	2.392	16.6	20.0
5 11	17 27.90	−29 20.4	1.460	2.372	13.4	19.8
5 21	17 22.97	−29 49.0	1.387	2.353	9.6	19.5
5 31	17 15.60	−30 10.1	1.335	2.335	5.5	19.2
6 10	17 6.84	−30 21.2	1.308	2.318	3.3	19.0
6 20	16 57.97	−30 21.6	1.305	2.303	6.3	19.2
6 30	16 50.42	−30 12.7	1.325	2.289	10.7	19.4
7 10	16 45.32	−29 58.3	1.366	2.276	14.8	19.6

416471 2003 WZ_{86} 6 8.7 184.°07 0.°1/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.67	−24 27.4	2.039	2.846	14.4	21.4
5 11	17 34.38	−24 13.8	1.951	2.847	11.3	21.2
5 21	17 26.65	−23 56.1	1.884	2.847	7.7	21.0
5 31	17 17.09	−23 33.8	1.843	2.846	3.7	20.7
6 10	17 6.65	−23 7.3	1.830	2.845	0.6	20.5
6 20	16 56.38	−22 38.1	1.845	2.843	4.8	20.8
6 30	16 47.31	−22 8.9	1.887	2.840	8.8	21.0
7 10	16 40.27	−21 42.7	1.953	2.836	12.3	21.3

123326 2000 VE_{22} 6 8.7 115.°81 2.°1/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.17	−19 7.3	2.147	2.956	13.7	20.3
5 11	17 31.99	−18 28.3	2.076	2.973	10.7	20.1
5 21	17 24.75	−17 48.3	2.028	2.990	7.3	19.9
5 31	17 16.07	−17 8.7	2.006	3.007	3.8	19.8
6 10	17 6.82	−16 31.5	2.012	3.023	2.2	19.7
6 20	16 57.89	−15 58.8	2.046	3.038	5.1	19.9
6 30	16 50.10	−15 32.6	2.108	3.053	8.5	20.1
7 10	16 44.10	−15 14.2	2.193	3.067	11.5	20.3

255851 2006 SP_{151} 6 8.7 93.°64 1.°0/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.07	−21 37.6	1.624	2.450	16.6	20.8
5 11	17 33.50	−21 19.6	1.556	2.463	13.0	20.6
5 21	17 26.18	−20 59.6	1.509	2.476	8.8	20.4
5 31	17 16.87	−20 37.9	1.485	2.489	4.2	20.1
6 10	17 6.70	−20 15.7	1.487	2.502	1.3	19.9
6 20	16 56.88	−19 54.6	1.516	2.514	5.6	20.3
6 30	16 48.58	−19 37.2	1.570	2.526	9.9	20.5
7 10	16 42.61	−19 25.5	1.646	2.538	13.7	20.8

47433 1999 XB_{176} 6 8.7 158.°16 1.°2/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.13	−25 2.4	2.210	3.017	13.4	19.4
5 11	17 32.30	−25 26.8	2.125	3.021	10.6	19.2
5 21	17 25.20	−25 49.4	2.063	3.024	7.3	19.0
5 31	17 16.41	−26 8.3	2.026	3.027	3.6	18.8
6 10	17 6.76	−26 22.3	2.016	3.030	1.2	18.6
6 20	16 57.21	−26 31.1	2.035	3.033	4.5	18.8
6 30	16 48.72	−26 35.7	2.081	3.035	8.0	19.1
7 10	16 42.05	−26 37.9	2.152	3.037	11.2	19.3

288666 2004 PN_{65} 6 8.7 305°.42 8°.7/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 30.73	− 1 17.9	2.131	2.924	14.3	20.4
5 11	17 27.40	− 0 9.4	2.025	2.891	12.3	20.2
5 21	17 22.01	+ 0 51.0	1.940	2.858	10.4	20.0
5 31	17 14.97	+ 1 38.1	1.878	2.826	9.0	19.8
6 10	17 6.97	+ 2 7.1	1.840	2.793	8.9	19.8
6 20	16 58.83	+ 2 15.0	1.827	2.760	10.3	19.8
6 30	16 51.43	+ 2 0.8	1.838	2.727	12.6	19.8
7 10	16 45.56	+ 1 25.8	1.869	2.695	15.2	20.0

311357 2005 RV_{44} 6 8.7 232°.94 3°.6/ 9.9 18

5 1	17 36.62	−35 41.9	2.564	3.347	12.4	20.7
5 11	17 31.77	−35 44.5	2.467	3.340	10.1	20.5
5 21	17 24.77	−35 37.7	2.391	3.333	7.5	20.4
5 31	17 16.19	−35 19.4	2.341	3.326	5.0	20.2
6 10	17 6.83	−34 48.9	2.319	3.319	3.6	20.1
6 20	16 57.63	−34 7.1	2.324	3.311	5.0	20.2
6 30	16 49.47	−33 16.8	2.357	3.303	7.6	20.3
7 10	16 43.07	−32 22.0	2.415	3.295	10.3	20.5

120929 1998 SM_{114} 6 8.7 206°.58 3°.6/ 8.0 17

5 1	17 39.15	−15 12.7	1.710	2.528	16.3	20.7
5 11	17 34.41	−14 46.4	1.623	2.523	13.0	20.4
5 21	17 26.93	−14 22.8	1.557	2.518	9.2	20.2
5 31	17 17.34	−14 3.7	1.515	2.512	5.3	19.9
6 10	17 6.65	−13 50.9	1.498	2.506	3.8	19.8
6 20	16 56.03	−13 46.0	1.509	2.498	6.8	20.0
6 30	16 46.69	−13 50.1	1.545	2.490	10.9	20.2
7 10	16 39.55	−14 3.7	1.603	2.482	14.7	20.4

61926 2000 RN_{3} 6 8.7 230°.81 3°.9/ 7.5 18

5 1	17 32.03	−12 19.0	2.454	3.261	12.3	19.1
5 11	17 27.93	−11 40.4	2.364	3.255	9.8	18.9
5 21	17 22.05	−11 4.7	2.296	3.249	7.1	18.7
5 31	17 14.87	−10 34.1	2.254	3.244	4.7	18.5
6 10	17 7.04	−10 10.6	2.240	3.237	4.0	18.5
6 20	16 59.28	− 9 55.7	2.253	3.231	5.9	18.6
6 30	16 52.34	− 9 50.5	2.293	3.225	8.6	18.7
7 10	16 46.81	− 9 55.1	2.357	3.218	11.3	18.9

390249 2012 XZ_{91} 6 8.7 134°.44 0°.9/ 8.9 17

5 1	17 35.30	−25 44.3	2.257	3.066	13.1	22.0
5 11	17 30.77	−25 50.1	2.174	3.070	10.3	21.8
5 21	17 24.11	−25 52.4	2.113	3.075	7.1	21.6
5 31	17 15.87	−25 50.2	2.077	3.079	3.5	21.4
6 10	17 6.89	−25 43.4	2.069	3.083	1.0	21.2
6 20	16 58.05	−25 32.3	2.089	3.087	4.3	21.4
6 30	16 50.27	−25 18.8	2.136	3.091	7.8	21.7
7 10	16 44.24	−25 5.0	2.208	3.095	10.9	21.9

360092 2013 BO_{61} 6 8.7 104°.29 1°.6/ 9.1 16

5 1	17 34.68	−27 53.6	2.441	3.245	12.4	21.9
5 11	17 30.13	−28 5.1	2.361	3.253	9.8	21.8
5 21	17 23.59	−28 12.3	2.302	3.261	6.8	21.6
5 31	17 15.60	−28 13.8	2.270	3.269	3.6	21.4
6 10	17 6.93	−28 9.1	2.265	3.277	1.7	21.3
6 20	16 58.43	−27 58.7	2.288	3.285	4.1	21.5
6 30	16 50.91	−27 44.2	2.339	3.293	7.3	21.7
7 10	16 45.05	−27 27.9	2.415	3.300	10.1	21.9

306938 2001 UC_{108} 6 8.7 224°.16 1°.9/ 8.9 18

5 1	17 36.30	−27 22.2	2.463	3.264	12.4	21.1
5 11	17 31.58	−27 53.8	2.367	3.257	9.9	20.9
5 21	17 24.72	−28 22.8	2.294	3.251	6.9	20.7
5 31	17 16.21	−28 47.1	2.246	3.245	3.7	20.5
6 10	17 6.83	−29 5.2	2.227	3.238	2.0	20.3
6 20	16 57.43	−29 16.3	2.236	3.231	4.4	20.5
6 30	16 48.93	−29 21.4	2.272	3.223	7.6	20.7
7 10	16 42.09	−29 22.2	2.334	3.216	10.6	20.8

273966 2007 KE_{9} 6 8.7 340°.58 3°.5/ 9.7 18

5 1	17 33.66	−32 48.1	1.447	2.279	18.0	19.0
5 11	17 30.99	−32 36.3	1.363	2.269	14.6	18.8
5 21	17 25.04	−32 11.2	1.297	2.260	10.5	18.5
5 31	17 16.54	−31 30.1	1.254	2.252	6.1	18.2
6 10	17 6.78	−30 33.0	1.234	2.244	3.5	18.0
6 20	16 57.24	−29 23.1	1.238	2.237	6.4	18.2
6 30	16 49.39	−28 6.6	1.267	2.232	10.9	18.4
7 10	16 44.28	−26 50.8	1.317	2.227	15.2	18.7

93713 2000 VH_{35} 6 8.7 157°.23 1°.7/ 8.2 18

5 1	17 36.40	−18 57.5	2.444	3.247	12.4	20.9
5 11	17 31.28	−18 34.1	2.361	3.255	9.7	20.8
5 21	17 24.26	−18 10.2	2.301	3.262	6.6	20.6
5 31	17 15.88	−17 46.6	2.268	3.269	3.4	20.4
6 10	17 6.90	−17 24.5	2.264	3.275	1.8	20.3
6 20	16 58.09	−17 5.1	2.288	3.281	4.5	20.5
6 30	16 50.24	−16 49.9	2.340	3.286	7.7	20.7
7 10	16 43.96	−16 40.2	2.417	3.290	10.6	20.9

138677 2000 SU_{16} 6 8.7 167°.34 1°.8/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.91	−17 33.0	3.011	3.810	10.4	20.9
5 11	17 28.21	−17 7.7	2.923	3.815	8.2	20.7
5 21	17 22.03	−16 42.7	2.860	3.819	5.6	20.5
5 31	17 14.79	−16 18.7	2.823	3.822	3.0	20.4
6 10	17 7.06	−15 56.9	2.816	3.825	1.9	20.3
6 20	16 59.46	−15 38.3	2.838	3.828	4.0	20.4
6 30	16 52.57	−15 24.1	2.888	3.830	6.6	20.6
7 10	16 46.91	−15 15.1	2.965	3.832	9.0	20.8

483574 2004 EQ_{9} 6 8.7 229°.81 20°.7/ 1.7 18

5 1	17 37.46	+14 29.6	1.260	2.022	23.9	20.7
5 11	17 33.85	+17 8.8	1.206	2.015	22.4	20.6
5 21	17 26.95	+19 21.3	1.168	2.009	21.2	20.5
5 31	17 17.47	+20 53.3	1.145	2.001	20.7	20.4
6 10	17 6.64	+21 34.5	1.139	1.994	21.0	20.4
6 20	16 55.93	+21 21.0	1.148	1.986	22.0	20.5
6 30	16 46.83	+20 15.2	1.172	1.977	23.6	20.5
7 10	16 40.45	+18 25.9	1.209	1.968	25.3	20.6

28549 2000 EZ_{25} 6 8.7 337°.32 5°.4/ 9.4 18

5 1	17 37.30	−33 8.2	1.481	2.305	18.1	18.2
5 11	17 34.00	−33 56.9	1.401	2.300	14.8	18.0
5 21	17 27.24	−34 37.8	1.340	2.295	11.0	17.7
5 31	17 17.68	−35 5.4	1.300	2.291	7.2	17.5
6 10	17 6.61	−35 15.7	1.285	2.287	5.4	17.4
6 20	16 55.62	−35 7.5	1.293	2.283	7.7	17.5
6 30	16 46.33	−34 43.8	1.326	2.280	11.5	17.7
7 10	16 39.95	−34 10.7	1.379	2.278	15.4	17.9

225921 2002 AE_{106} 6 8.7 189°.85 1°.4/ 8.4 18

5 1	17 37.19	−18 32.2	2.301	3.106	13.0	21.3
5 11	17 32.16	−18 29.7	2.210	3.105	10.3	21.1
5 21	17 25.03	−18 28.2	2.141	3.103	7.0	20.9
5 31	17 16.33	−18 27.8	2.099	3.101	3.5	20.7
6 10	17 6.84	−18 28.7	2.085	3.098	1.6	20.6
6 20	16 57.42	−18 31.5	2.099	3.094	4.7	20.8
6 30	16 48.96	−18 36.8	2.141	3.090	8.1	21.0
7 10	16 42.16	−18 45.5	2.208	3.085	11.3	21.2

379574 2011 BW_{37} 6 8.7 70°.99 8°.3/10.7 17

5 1	17 42.70	−42 31.3	1.721	2.502	17.6	20.2
5 11	17 37.94	−43 25.0	1.653	2.513	14.9	20.0
5 21	17 29.67	−44 3.6	1.604	2.523	12.1	19.9
5 31	17 18.70	−44 20.4	1.576	2.534	9.5	19.7
6 10	17 6.49	−44 11.6	1.572	2.545	8.3	19.7
6 20	16 54.69	−43 37.2	1.592	2.556	9.2	19.8
6 30	16 44.85	−42 42.1	1.637	2.567	11.5	19.9
7 10	16 38.04	−41 34.4	1.703	2.578	14.2	20.1

347725 2001 XY_{211} 6 8.7 122°.06 1°.6/ 8.5 18

5 1	17 35.55	−16 2.0	2.639	3.438	11.7	21.3
5 11	17 30.48	−16 16.2	2.561	3.452	9.2	21.1
5 21	17 23.67	−16 33.4	2.506	3.465	6.3	21.0
5 31	17 15.61	−16 53.4	2.479	3.478	3.3	20.8
6 10	17 6.97	−17 16.0	2.480	3.491	1.7	20.7
6 20	16 58.46	−17 40.8	2.510	3.504	4.1	20.9
6 30	16 50.80	−18 7.5	2.569	3.515	7.1	21.1
7 10	16 44.56	−18 36.2	2.653	3.527	9.7	21.3

137327 1999 TK_{41} 6 8.7 350°.44 5°.5/ 8.9 17

5 1	17 29.34	−29 25.9	1.022	1.889	21.3	19.2
5 11	17 28.88	−30 33.3	0.951	1.878	17.3	18.9
5 21	17 24.43	−31 36.9	0.898	1.869	12.6	18.6
5 31	17 16.58	−32 30.5	0.863	1.862	7.8	18.3
6 10	17 6.78	−33 7.8	0.849	1.856	5.6	18.1
6 20	16 56.97	−33 25.6	0.855	1.853	8.8	18.3
6 30	16 49.20	−33 25.7	0.881	1.851	13.8	18.6
7 10	16 44.99	−33 13.9	0.925	1.851	18.5	18.8

84395 2002 TL_{176} 6 8.7 312°.42 3°.4/ 8.4 18

5 1	17 34.07	−15 1.2	1.400	2.241	18.0	19.4
5 11	17 31.18	−14 58.1	1.312	2.226	14.5	19.1
5 21	17 25.21	−15 1.0	1.243	2.212	10.2	18.9
5 31	17 16.72	−15 11.4	1.197	2.197	5.7	18.6
6 10	17 6.78	−15 30.4	1.173	2.184	3.6	18.4
6 20	16 56.74	−15 57.7	1.175	2.171	7.2	18.6
6 30	16 48.05	−16 33.2	1.199	2.158	12.1	18.8
7 10	16 41.87	−17 15.9	1.244	2.146	16.5	19.0

117195 2004 RL_{154} 6 8.7 355°.68 2°.6/ 9.4 18

5 1	17 28.40	−30 6.4	0.930	1.804	22.3	18.6
5 11	17 28.16	−29 50.2	0.865	1.797	17.9	18.3
5 21	17 23.80	−29 18.9	0.816	1.792	12.6	18.0
5 31	17 16.16	−28 30.5	0.785	1.789	6.7	17.6
6 10	17 6.88	−27 26.3	0.773	1.787	2.7	17.4
6 20	16 57.96	−26 11.9	0.783	1.787	7.5	17.7
6 30	16 51.28	−24 55.8	0.812	1.789	13.4	18.0
7 10	16 48.11	−23 46.9	0.859	1.793	18.7	18.3

58204 1992 EK_{10} 6 8.7 176°.14 4°.4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.30	− 7 52.7	2.924	3.712	10.9	21.0
5 11	17 27.77	− 7 19.8	2.839	3.714	8.9	20.8
5 21	17 21.76	− 6 52.1	2.777	3.716	6.7	20.7
5 31	17 14.69	− 6 31.5	2.742	3.717	5.0	20.6
6 10	17 7.13	− 6 19.6	2.734	3.718	4.5	20.5
6 20	16 59.65	− 6 17.5	2.755	3.718	5.8	20.6
6 30	16 52.87	− 6 25.2	2.803	3.718	7.9	20.7
7 10	16 47.27	− 6 42.4	2.876	3.717	10.0	20.9

501300 2013 WW_{68} 6 8.7 183°.40 0°.4/ 8.8 17

5 1	17 37.70	−24 31.7	2.290	3.094	13.1	22.8
5 11	17 32.62	−24 29.6	2.201	3.095	10.3	22.6
5 21	17 25.38	−24 24.4	2.133	3.095	7.0	22.4
5 31	17 16.51	−24 15.3	2.092	3.094	3.4	22.2
6 10	17 6.86	−24 2.3	2.078	3.093	0.6	22.0
6 20	16 57.33	−23 46.3	2.093	3.091	4.3	22.2
6 30	16 48.83	−23 29.0	2.136	3.089	7.9	22.5
7 10	16 42.10	−23 12.7	2.204	3.086	11.1	22.7

227429 2005 VQ_{81} 6 8.7 38°.04 2°.2/ 7.9 17

5 1	17 35.50	−22 20.2	1.541	2.375	17.0	19.6
5 11	17 31.62	−21 14.4	1.470	2.382	13.3	19.4
5 21	17 24.98	−20 2.6	1.420	2.389	9.1	19.2
5 31	17 16.35	−18 47.4	1.393	2.397	4.5	18.9
6 10	17 6.89	−17 33.1	1.392	2.405	2.4	18.8
6 20	16 57.82	−16 24.5	1.418	2.413	6.3	19.1
6 30	16 50.28	−15 26.4	1.468	2.422	10.7	19.3
7 10	16 45.08	−14 41.7	1.540	2.431	14.5	19.6

112916 2002 QM_{60} 6 8.7 228°.70 0°.2/ 8.8 18

5 1	17 35.37	−24 24.8	2.222	3.033	13.2	20.6
5 11	17 30.94	−24 17.7	2.128	3.026	10.4	20.4
5 21	17 24.32	−24 7.3	2.056	3.020	7.1	20.2
5 31	17 16.04	−23 53.0	2.010	3.013	3.4	19.9
6 10	17 6.93	−23 35.1	1.991	3.006	0.5	19.7
6 20	16 57.89	−23 14.7	2.000	2.998	4.4	20.0
6 30	16 49.87	−22 53.7	2.036	2.991	8.1	20.2
7 10	16 43.60	−22 34.4	2.096	2.983	11.4	20.4

82055 2000 TY_{40} 6 8.7 117°.65 7°.6/ 4.4 18

5 1	17 25.33	+19 31.3	4.649	5.297	8.9	19.3
5 11	17 21.91	+20 15.7	4.590	5.300	8.4	19.2
5 21	17 17.59	+20 48.5	4.551	5.304	7.9	19.2
5 31	17 12.65	+21 7.4	4.533	5.308	7.6	19.2
6 10	17 7.45	+21 11.3	4.536	5.311	7.7	19.2
6 20	17 2.31	+20 59.6	4.561	5.315	7.9	19.2
6 30	16 57.59	+20 32.8	4.607	5.318	8.4	19.2
7 10	16 53.58	+19 52.5	4.672	5.322	9.0	19.3

179522 2002 CQ_{165} 6 8.7 221°.43 3°.7/ 8.1 18

5 1	17 32.72	−11 8.8	2.422	3.226	12.5	20.1
5 11	17 28.51	−10 58.3	2.334	3.223	10.0	19.9
5 21	17 22.49	−10 53.2	2.268	3.221	7.3	19.7
5 31	17 15.12	−10 54.8	2.228	3.218	4.7	19.6
6 10	17 7.07	−11 4.1	2.216	3.216	3.8	19.5
6 20	16 59.09	−11 21.5	2.231	3.213	5.6	19.6
6 30	16 51.92	−11 46.6	2.273	3.210	8.4	19.8
7 10	16 46.19	−12 18.9	2.340	3.207	11.1	20.0

120565 1995 FX_{5} 6 8.7 324°.60 4°.5/ 7.9 18

5 1	17 33.24	−13 57.0	1.549	2.383	16.9	19.8
5 11	17 30.04	−13 25.7	1.467	2.376	13.5	19.6
5 21	17 24.11	−12 58.5	1.405	2.369	9.7	19.3
5 31	17 16.07	−12 38.0	1.366	2.362	5.9	19.1
6 10	17 6.93	−12 26.9	1.351	2.356	4.6	19.0
6 20	16 57.87	−12 26.6	1.361	2.350	7.5	19.2
6 30	16 50.09	−12 38.2	1.395	2.345	11.5	19.4
7 10	16 44.54	−13 1.2	1.450	2.339	15.3	19.6

213671 2002 TK_{41} 6 8.7 161°.76 10°.8/ 7.4 18 R

5 1	17 56.43	−36 11.3	1.312	2.109	21.4	20.0
5 11	17 50.82	−39 1.6	1.240	2.114	18.0	19.7
5 21	17 40.05	−41 50.8	1.188	2.118	14.5	19.5
5 31	17 24.45	−44 22.9	1.159	2.122	11.6	19.4
6 10	17 5.60	−46 21.8	1.154	2.125	10.9	19.3
6 20	16 46.10	−47 37.5	1.174	2.127	12.9	19.4
6 30	16 28.92	−48 11.2	1.218	2.128	16.1	19.6
7 10	16 16.33	−48 13.3	1.280	2.129	19.5	19.9

145715 1992 DX_{10} 6 8.7 151°.12 0°.5/ 8.8 17

5 1	17 38.69	−24 52.2	1.886	2.700	15.1	20.8
5 11	17 33.82	−24 47.3	1.806	2.706	11.9	20.6
5 21	17 26.38	−24 38.6	1.747	2.711	8.1	20.3
5 31	17 17.04	−24 25.1	1.713	2.716	3.9	20.1
6 10	17 6.81	−24 6.9	1.706	2.721	0.7	19.9
6 20	16 56.80	−23 45.2	1.726	2.725	4.9	20.2
6 30	16 48.11	−23 22.7	1.773	2.729	9.0	20.4
7 10	16 41.56	−23 2.1	1.844	2.733	12.6	20.7

198376 2004 VB_{24} 6 8.7 199°.11 5°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.48	− 8 20.1	2.305	3.103	13.2	20.7
5 11	17 29.93	− 7 25.2	2.219	3.100	10.8	20.6
5 21	17 23.46	− 6 35.3	2.155	3.096	8.3	20.4
5 31	17 15.59	− 5 53.6	2.116	3.092	6.2	20.3
6 10	17 7.03	− 5 23.1	2.105	3.088	5.7	20.2
6 20	16 58.57	− 5 5.6	2.121	3.083	7.4	20.3
6 30	16 51.00	− 5 2.2	2.162	3.077	9.9	20.5
7 10	16 44.95	− 5 12.3	2.227	3.071	12.4	20.6

285185 1996 TL_{37} 6 8.7 128°.37 2°.6/ 9.2 17

5 1	17 37.22	−30 11.0	2.510	3.304	12.4	21.8
5 11	17 32.16	−30 40.4	2.430	3.314	9.9	21.7
5 21	17 25.01	−31 4.9	2.372	3.324	7.0	21.5
5 31	17 16.33	−31 22.3	2.340	3.334	4.1	21.3
6 10	17 6.92	−31 31.3	2.336	3.344	2.6	21.2
6 20	16 57.66	−31 31.6	2.361	3.353	4.5	21.4
6 30	16 49.40	−31 24.7	2.413	3.362	7.4	21.6
7 10	16 42.85	−31 13.1	2.491	3.370	10.1	21.8

469308 1999 RU_{103} 6 8.7 293°.11 1°.7/ 9.1 16

5 1	17 38.35	−27 46.9	1.941	2.751	14.9	22.1
5 11	17 34.19	−27 48.4	1.815	2.711	12.0	21.8
5 21	17 27.17	−27 44.3	1.709	2.671	8.5	21.5
5 31	17 17.71	−27 32.2	1.628	2.629	4.5	21.2
6 10	17 6.69	−27 10.9	1.573	2.587	1.7	20.9
6 20	16 55.28	−26 40.6	1.546	2.544	5.5	21.0
6 30	16 44.81	−26 4.1	1.545	2.501	10.1	21.2
7 10	16 36.47	−25 25.5	1.567	2.457	14.4	21.3

478307 2011 WV_{67} 6 8.7 237°.42 1°.7/ 8.1 18

5 1	17 32.74	−19 32.3	2.492	3.302	12.0	21.5
5 11	17 28.54	−19 1.5	2.398	3.296	9.4	21.3
5 21	17 22.51	−18 29.2	2.327	3.290	6.5	21.1
5 31	17 15.14	−17 56.6	2.282	3.283	3.3	20.9
6 10	17 7.12	−17 25.1	2.265	3.277	1.8	20.8
6 20	16 59.18	−16 56.5	2.276	3.270	4.5	21.0
6 30	16 52.09	−16 32.4	2.315	3.263	7.7	21.1
7 10	16 46.47	−16 14.3	2.379	3.256	10.6	21.3

133946 2004 TV_{71} 6 8.7 95°.33 4°.0/ 7.9 18

5 1	17 38.20	−16 7.3	1.441	2.274	18.1	20.0
5 11	17 33.84	−15 22.9	1.377	2.285	14.3	19.8
5 21	17 26.57	−14 40.4	1.332	2.297	10.0	19.6
5 31	17 17.16	−14 2.6	1.310	2.309	5.8	19.4
6 10	17 6.83	−13 32.4	1.313	2.320	4.2	19.3
6 20	16 56.88	−13 12.5	1.341	2.331	7.4	19.5
6 30	16 48.55	−13 4.5	1.393	2.342	11.6	19.8
7 10	16 42.70	−13 8.6	1.467	2.353	15.4	20.0

505932 2015 FB_{21} 6 8.7 220°.60 4°.4/ 8.1 18

5 1	17 36.04	−10 6.6	2.178	2.979	13.8	21.4
5 11	17 31.38	− 9 55.1	2.085	2.972	11.1	21.2
5 21	17 24.60	− 9 50.2	2.014	2.964	8.2	21.0
5 31	17 16.21	− 9 53.6	1.968	2.956	5.4	20.8
6 10	17 6.96	−10 6.5	1.950	2.948	4.4	20.7
6 20	16 57.72	−10 29.3	1.958	2.939	6.4	20.8
6 30	16 49.39	−11 1.5	1.994	2.929	9.5	21.0
7 10	16 42.71	−11 42.1	2.053	2.919	12.5	21.1

103488 2000 AK_{232} 6 8.7 241°.26 2°.1/ 8.5 18

5 1	17 37.51	−17 7.1	1.767	2.588	15.7	20.6
5 11	17 33.20	−17 8.4	1.676	2.579	12.5	20.3
5 21	17 26.20	−17 12.9	1.605	2.569	8.7	20.1
5 31	17 17.09	−17 21.0	1.558	2.560	4.5	19.8
6 10	17 6.82	−17 32.8	1.537	2.550	2.3	19.6
6 20	16 56.53	−17 48.4	1.544	2.539	5.9	19.8
6 30	16 47.40	−18 8.1	1.575	2.529	10.1	20.1
7 10	16 40.40	−18 32.2	1.630	2.518	14.0	20.3

357832 2005 UU_{107} 6 8.7 249°.19 3°.2/ 7.6 18

5 1	17 32.02	−14 29.5	2.558	3.365	11.8	21.6
5 11	17 27.92	−13 49.8	2.461	3.354	9.4	21.4
5 21	17 22.08	−13 11.3	2.387	3.344	6.7	21.2
5 31	17 14.94	−12 35.8	2.339	3.333	4.2	21.0
6 10	17 7.16	−12 5.4	2.319	3.322	3.3	21.0
6 20	16 59.42	−11 41.8	2.327	3.310	5.3	21.1
6 30	16 52.45	−11 26.4	2.363	3.299	8.2	21.2
7 10	16 46.85	−11 19.8	2.422	3.287	10.9	21.4

334753 2003 RY 6 8.7 231°.86 5°.4/ 9.3 18

5 1	17 41.07	−36 43.6	2.335	3.113	13.7	20.8
5 11	17 35.88	−37 39.8	2.236	3.102	11.3	20.6
5 21	17 28.00	−38 29.1	2.159	3.091	8.7	20.4
5 31	17 17.97	−39 6.7	2.106	3.079	6.4	20.2
6 10	17 6.70	−39 29.1	2.080	3.067	5.4	20.2
6 20	16 55.31	−39 34.7	2.082	3.055	6.7	20.2
6 30	16 45.02	−39 24.7	2.110	3.042	9.2	20.4
7 10	16 36.81	−39 3.3	2.163	3.028	11.9	20.5

74375 1998 XY_6 6 8.7 309°.82 0°.6/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.12	−21 35.4	1.894	2.718	14.7	20.3
5 11	17 30.33	−21 31.6	1.807	2.712	11.6	20.1
5 21	17 24.11	−21 26.7	1.740	2.707	7.9	19.8
5 31	17 16.03	−21 20.6	1.698	2.702	3.8	19.6
6 10	17 7.00	−21 13.5	1.682	2.697	0.9	19.3
6 20	16 58.05	−21 6.3	1.693	2.692	5.0	19.6
6 30	16 50.22	−21 0.5	1.729	2.687	9.1	19.8
7 10	16 44.36	−20 57.8	1.789	2.682	12.7	20.1

503809 2017 KU_2 6 8.7 248°.43 18°.0/ 8.1 17

5 1	17 40.79	+15 5.8	1.390	2.132	22.8	21.1
5 11	17 36.34	+16 20.1	1.319	2.121	21.2	21.0
5 21	17 28.65	+17 5.4	1.263	2.110	19.5	20.8
5 31	17 18.36	+17 10.8	1.223	2.099	18.4	20.7
6 10	17 6.66	+16 28.5	1.201	2.087	18.0	20.6
6 20	16 54.97	+14 56.8	1.198	2.075	18.8	20.6
6 30	16 44.77	+12 40.2	1.214	2.062	20.4	20.7
7 10	16 37.20	+ 9 49.1	1.248	2.049	22.6	20.8

208782 2002 QZ_8 6 8.7 255°.87 4°.6/ 9.4 18

5 1	17 38.98	−35 2.6	2.292	3.079	13.6	21.0
5 11	17 34.22	−35 42.8	2.188	3.062	11.2	20.8
5 21	17 26.86	−36 16.2	2.105	3.045	8.5	20.6
5 31	17 17.42	−36 38.8	2.047	3.028	5.8	20.4
6 10	17 6.80	−36 47.7	2.015	3.011	4.6	20.3
6 20	16 56.08	−36 41.9	2.011	2.993	6.1	20.4
6 30	16 46.41	−36 23.0	2.034	2.975	9.0	20.5
7 10	16 38.75	−35 55.0	2.080	2.956	11.9	20.7

332153 2005 YL_{77} 6 8.7 278°.80 10°.8/10.7 17

5 1	17 45.44	+ 2 35.5	1.127	1.930	23.8	20.3
5 11	17 40.96	+ 2 11.5	1.045	1.920	20.5	20.0
5 21	17 32.45	+ 1 14.7	0.977	1.909	16.6	19.7
5 31	17 20.47	− 0 22.4	0.929	1.899	12.8	19.5
6 10	17 6.32	− 2 41.5	0.903	1.888	10.8	19.3
6 20	16 51.82	− 5 36.0	0.902	1.878	12.4	19.4
6 30	16 39.01	− 8 53.4	0.924	1.868	16.5	19.6
7 10	16 29.48	−12 18.5	0.968	1.858	21.1	19.8

283676 2002 QT_{26} 6 8.7 304°.76 0°.8/ 8.9 17

5 1	17 34.00	−24 51.4	1.780	2.606	15.4	21.4
5 11	17 30.71	−24 56.6	1.677	2.583	12.3	21.1
5 21	17 24.69	−24 58.7	1.594	2.561	8.5	20.8
5 31	17 16.46	−24 56.5	1.535	2.539	4.2	20.5
6 10	17 6.95	−24 49.4	1.502	2.517	0.9	20.2
6 20	16 57.31	−24 37.8	1.495	2.495	5.3	20.5
6 30	16 48.78	−24 23.7	1.513	2.473	9.9	20.7
7 10	16 42.41	−24 10.0	1.553	2.452	14.0	20.9

283701 2002 RP_{243} 6 8.7 308°.95 0°.2/ 8.6 16

5 1	17 33.63	−24 43.6	1.764	2.592	15.4	20.6
5 11	17 30.26	−24 14.7	1.668	2.576	12.2	20.4
5 21	17 24.24	−23 39.5	1.592	2.560	8.4	20.1
5 31	17 16.17	−22 58.4	1.540	2.544	4.0	19.8
6 10	17 7.00	−22 12.6	1.514	2.529	0.7	19.5
6 20	16 57.89	−21 24.9	1.514	2.513	5.4	19.8
6 30	16 49.98	−20 39.1	1.539	2.499	9.8	20.1
7 10	16 44.21	−19 59.0	1.587	2.484	13.8	20.3

331471 1984 QY_1 6 8.7 14°.38 23°.2/21.9 18 R

5 1	23 46.89	+32 51.5	0.368	0.772	119.8	17.7
5 11	21 45.82	+38 6.1	0.317	0.964	89.1	16.2
5 21	19 29.98	+34 33.6	0.328	1.140	59.2	15.6
5 31	17 55.46	+25 5.0	0.401	1.304	37.3	15.7
6 10	17 3.20	+16 16.6	0.521	1.456	26.2	16.2
6 20	16 35.03	+ 9 41.1	0.674	1.599	23.3	16.9
6 30	16 20.24	+ 4 48.6	0.850	1.735	23.8	17.6
7 10	16 13.43	+ 1 5.4	1.044	1.863	24.9	18.2

389514 2010 GZ_{132} 6 8.7 289°.29 8°.0/ 6.0 16

5 1	17 31.75	− 4 22.4	2.013	2.816	14.7	20.8
5 11	17 28.20	− 3 9.2	1.923	2.800	12.4	20.6
5 21	17 22.55	− 2 3.0	1.854	2.785	10.0	20.4
5 31	17 15.28	− 1 9.0	1.809	2.769	8.3	20.3
6 10	17 7.15	− 0 31.6	1.789	2.754	8.1	20.2
6 20	16 59.03	− 0 13.6	1.793	2.738	9.7	20.3
6 30	16 51.82	− 0 16.3	1.822	2.723	12.1	20.4
7 10	16 46.27	− 0 38.1	1.871	2.708	14.7	20.5

500816 2013 GF_{88} 6 8.7 10°.13 9°.8/ 7.5 17

5 1	17 29.79	− 7 12.6	1.021	1.882	21.8	21.2
5 11	17 28.25	− 6 2.2	0.966	1.884	18.0	20.9
5 21	17 23.32	− 5 4.6	0.927	1.886	14.0	20.7
5 31	17 15.80	− 4 27.7	0.907	1.891	10.8	20.5
6 10	17 7.08	− 4 17.4	0.906	1.896	9.9	20.5
6 20	16 58.67	− 4 35.6	0.926	1.903	12.2	20.7
6 30	16 52.05	− 5 20.7	0.966	1.911	15.8	20.9
7 10	16 48.27	− 6 27.0	1.022	1.920	19.6	21.2

478296 2011 WH_{23} 6 8.7 314°.11 1°.0/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.33	−23 50.0	2.015	2.834	14.1	20.8
5 11	17 30.54	−24 21.1	1.920	2.822	11.2	20.6
5 21	17 24.34	−24 52.1	1.846	2.810	7.7	20.3
5 31	17 16.21	−25 21.3	1.796	2.799	3.8	20.1
6 10	17 7.01	−25 46.9	1.774	2.788	1.1	19.8
6 20	16 57.75	−26 8.1	1.779	2.777	4.8	20.1
6 30	16 49.49	−26 25.0	1.810	2.767	8.8	20.3
7 10	16 43.14	−26 39.2	1.864	2.757	12.3	20.5

338 Budrosa 6 8.7 221°.59 1°.5/ 9.2 18 A

5 1	17 35.41	−28 17.1	2.156	2.965	13.7	13.3
5 11	17 31.08	−28 12.8	2.068	2.964	10.8	13.1
5 21	17 24.47	−28 2.7	2.002	2.962	7.5	12.9
5 31	17 16.16	−27 45.4	1.960	2.961	3.9	12.7
6 10	17 7.04	−27 21.1	1.946	2.959	1.6	12.5
6 20	16 58.07	−26 50.9	1.960	2.958	4.5	12.7
6 30	16 50.22	−26 17.4	2.000	2.956	8.1	12.9
7 10	16 44.23	−25 43.9	2.065	2.955	11.4	13.1

310663 2002 EH_{106} 6 8.7 62°.88 2°.5/ 8.5 17

5 1	17 37.83	−16 56.5	1.355	2.192	18.7	20.3
5 11	17 33.90	−16 57.8	1.290	2.203	14.8	20.1
5 21	17 26.83	−17 3.4	1.245	2.213	10.2	19.9
5 31	17 17.40	−17 13.7	1.221	2.224	5.3	19.6
6 10	17 6.87	−17 28.7	1.222	2.235	2.6	19.5
6 20	16 56.65	−17 48.2	1.248	2.246	6.6	19.7
6 30	16 48.10	−18 12.4	1.298	2.257	11.3	20.0
7 10	16 42.20	−18 41.2	1.369	2.268	15.5	20.3

468037 2013 QL_{22} 6 8.7 79°.37 5°.4/ 7.9 17

5 1	17 35.78	−10 47.3	1.606	2.429	16.9	21.1
5 11	17 31.73	−10 16.9	1.536	2.436	13.6	20.9
5 21	17 25.08	− 9 53.6	1.486	2.443	10.0	20.6
5 31	17 16.49	− 9 40.6	1.460	2.450	6.6	20.5
6 10	17 7.01	− 9 40.0	1.458	2.456	5.5	20.4
6 20	16 57.74	− 9 52.7	1.481	2.463	7.8	20.6
6 30	16 49.82	−10 18.3	1.529	2.470	11.3	20.8
7 10	16 44.06	−10 55.2	1.598	2.477	14.8	21.0

293247 2007 BF_{101} 6 8.7 63°.42 0°.3/ 8.8 17

5 1	17 33.65	−23 48.9	2.269	3.082	12.9	21.1
5 11	17 29.43	−23 51.7	2.193	3.093	10.1	20.9
5 21	17 23.19	−23 52.3	2.140	3.104	6.9	20.7
5 31	17 15.50	−23 50.1	2.112	3.115	3.3	20.5
6 10	17 7.16	−23 45.2	2.111	3.126	0.5	20.3
6 20	16 59.00	−23 38.1	2.138	3.137	4.1	20.6
6 30	16 51.86	−23 30.2	2.192	3.149	7.5	20.8
7 10	16 46.39	−23 23.1	2.271	3.160	10.6	21.0

415099 2012 CT_8 6 8.7 169°.18 1°.3/ 8.5 16

5 1	17 39.63	−20 20.4	1.867	2.681	15.3	23.0
5 11	17 34.55	−20 7.9	1.785	2.685	12.0	22.8
5 21	17 26.91	−19 54.6	1.724	2.688	8.2	22.6
5 31	17 17.36	−19 40.8	1.689	2.691	4.0	22.4
6 10	17 6.89	−19 27.0	1.680	2.694	1.5	22.2
6 20	16 56.59	−19 14.4	1.699	2.695	5.3	22.4
6 30	16 47.57	−19 4.9	1.744	2.696	9.4	22.7
7 10	16 40.66	−19 0.1	1.813	2.696	13.0	22.9

437583 2014 AS_{43} 6 8.7 278°.77 3°.6/ 9.4 17

5 1	17 37.30	−31 26.1	1.873	2.683	15.4	21.2
5 11	17 33.20	−31 53.6	1.782	2.675	12.4	20.9
5 21	17 26.30	−32 14.4	1.712	2.668	9.0	20.7
5 31	17 17.19	−32 25.3	1.666	2.660	5.5	20.5
6 10	17 6.90	−32 24.0	1.646	2.652	3.6	20.3
6 20	16 56.65	−32 10.3	1.652	2.645	5.9	20.5
6 30	16 47.70	−31 46.8	1.683	2.637	9.6	20.7
7 10	16 41.03	−31 17.6	1.738	2.630	13.1	20.9

234008 1997 EL_{32} 6 8.7 321°.60 2°.5/ 8.2 17

5 1	17 33.46	−17 59.0	1.745	2.574	15.5	21.0
5 11	17 29.95	−17 35.5	1.660	2.568	12.3	20.8
5 21	17 23.94	−17 12.6	1.596	2.562	8.5	20.5
5 31	17 16.00	−16 51.6	1.555	2.557	4.5	20.3
6 10	17 7.08	−16 34.1	1.540	2.551	2.6	20.2
6 20	16 58.26	−16 21.8	1.551	2.546	6.0	20.4
6 30	16 50.62	−16 16.3	1.587	2.541	10.0	20.6
7 10	16 45.02	−16 18.6	1.646	2.537	13.8	20.8

309738 2008 TW_{22} 6 8.7 228°.53 2°.2/ 8.4 16

5 1	17 40.73	−17 20.2	1.777	2.590	15.9	22.1
5 11	17 35.81	−17 17.5	1.679	2.578	12.7	21.8
5 21	17 28.07	−17 17.5	1.602	2.564	8.9	21.6
5 31	17 18.06	−17 20.3	1.549	2.550	4.6	21.3
6 10	17 6.77	−17 26.4	1.523	2.535	2.3	21.1
6 20	16 55.37	−17 36.0	1.524	2.520	6.0	21.3
6 30	16 45.14	−17 49.8	1.552	2.503	10.5	21.5
7 10	16 37.12	−18 8.5	1.603	2.485	14.5	21.7

423690 2006 AZ_4 6 8.7 253°.14 2°.5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 39.40	−31 51.8	2.011	2.811	14.8	20.9
5 11	17 34.59	−31 35.7	1.908	2.796	11.9	20.7
5 21	17 27.08	−31 9.3	1.826	2.781	8.5	20.4
5 31	17 17.51	−30 30.6	1.769	2.765	4.8	20.2
6 10	17 6.86	−29 39.5	1.738	2.749	2.5	20.0
6 20	16 56.32	−28 37.9	1.736	2.733	5.2	20.1
6 30	16 47.04	−27 30.3	1.760	2.716	9.1	20.3
7 10	16 39.95	−26 22.4	1.809	2.698	12.8	20.5

181030 2005 OP_{11} 6 8.7 299°.22 1°.4/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.89	−19 51.4	1.532	2.368	17.0	20.3
5 11	17 31.84	−19 49.8	1.430	2.343	13.6	20.0
5 21	17 25.75	−19 49.0	1.348	2.317	9.4	19.7
5 31	17 17.11	−19 49.2	1.288	2.292	4.7	19.4
6 10	17 6.90	−19 50.7	1.253	2.267	1.6	19.1
6 20	16 56.44	−19 53.8	1.242	2.242	6.3	19.3
6 30	16 47.16	−20 0.0	1.256	2.217	11.4	19.5
7 10	16 40.29	−20 10.9	1.291	2.192	16.1	19.7

67789 2000 UD_{97} 6 8.7 267°.18 0°.4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.45	−25 12.3	1.618	2.442	16.8	19.9
5 11	17 34.48	−24 59.2	1.517	2.423	13.4	19.6
5 21	17 27.42	−24 40.6	1.437	2.403	9.3	19.3
5 31	17 17.83	−24 15.2	1.380	2.384	4.5	19.0
6 10	17 6.81	−23 43.3	1.348	2.363	0.7	18.6
6 20	16 55.70	−23 6.7	1.343	2.343	5.9	19.0
6 30	16 45.93	−22 29.0	1.362	2.322	10.9	19.2
7 10	16 38.64	−21 54.6	1.404	2.300	15.3	19.4

26650 2000 OY_{20} 6 8.7 206°.12 2°.3/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.22	−16 44.3	2.463	3.265	12.3	20.0
5 11	17 31.29	−16 22.3	2.367	3.259	9.8	19.8
5 21	17 24.43	−16 1.1	2.293	3.252	6.8	19.6
5 31	17 16.13	−15 41.8	2.246	3.245	3.7	19.4
6 10	17 7.09	−15 25.4	2.228	3.236	2.4	19.3
6 20	16 58.10	−15 13.2	2.238	3.228	4.9	19.4
6 30	16 49.97	−15 6.4	2.276	3.218	8.1	19.6
7 10	16 43.36	−15 5.7	2.338	3.208	11.0	19.8

494444 2016 UC_{117} 6 8.7 324°.91 4°.3/ 7.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.19	−17 7.3	1.444	2.293	17.2	21.6
5 11	17 27.40	−16 13.9	1.341	2.260	13.8	21.3
5 21	17 22.72	−15 17.6	1.258	2.229	9.9	21.0
5 31	17 15.64	−14 21.8	1.197	2.198	5.8	20.7
6 10	17 7.13	−13 30.7	1.160	2.168	4.5	20.5
6 20	16 58.41	−12 48.8	1.146	2.138	8.0	20.6
6 30	16 50.86	−12 20.3	1.155	2.110	12.8	20.8
7 10	16 45.63	−12 7.6	1.184	2.084	17.3	21.0

488876 2005 SO_{153} 6 8.7 275°.28 3°.0/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.70	−15 40.9	2.381	3.191	12.5	22.2
5 11	17 28.72	−15 7.8	2.275	3.171	9.9	22.0
5 21	17 22.81	−14 35.4	2.191	3.151	7.0	21.8
5 31	17 15.40	−14 5.3	2.134	3.130	4.1	21.6
6 10	17 7.19	−13 39.3	2.103	3.109	3.1	21.5
6 20	16 58.95	−13 19.2	2.101	3.088	5.4	21.6
6 30	16 51.49	−13 6.6	2.125	3.067	8.6	21.8
7 10	16 45.51	−13 2.3	2.174	3.045	11.7	21.9

257014 2008 FQ_6 6 8.7 320°.36 13°.8/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 29.08	+11 7.8	2.013	2.763	16.4	20.2
5 11	17 26.22	+13 9.2	1.936	2.742	15.2	20.1
5 21	17 21.27	+14 55.1	1.878	2.721	14.2	19.9
5 31	17 14.71	+16 17.4	1.841	2.701	13.8	19.9
6 10	17 7.29	+17 9.7	1.824	2.681	14.1	19.8
6 20	16 59.84	+17 28.7	1.827	2.661	15.1	19.9
6 30	16 53.25	+17 13.9	1.848	2.642	16.5	19.9
7 10	16 48.28	+16 28.5	1.886	2.624	18.1	20.0

333955 2000 AL_{231} 6 8.7 149°.71 1°.3/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.23	−27 47.5	2.281	3.084	13.2	21.3
5 11	17 32.29	−27 44.6	2.198	3.090	10.4	21.1
5 21	17 25.17	−27 36.4	2.137	3.096	7.2	20.9
5 31	17 16.47	−27 21.9	2.101	3.102	3.7	20.7
6 10	17 7.05	−27 0.8	2.094	3.107	1.4	20.6
6 20	16 57.83	−26 34.5	2.114	3.112	4.3	20.8
6 30	16 49.71	−26 5.2	2.162	3.117	7.7	21.0
7 10	16 43.40	−25 35.9	2.235	3.121	10.9	21.2

180139 2003 FB_{108} 6 8.7 10°.01 10°.9/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.37	+ 0 37.7	1.844	2.641	16.0	18.7
5 11	17 27.12	+ 2 41.5	1.781	2.643	13.9	18.6
5 21	17 21.77	+ 4 34.1	1.739	2.645	12.1	18.4
5 31	17 14.88	+ 6 8.0	1.721	2.648	11.0	18.4
6 10	17 7.29	+ 7 16.9	1.726	2.652	11.1	18.4
6 20	16 59.89	+ 7 57.4	1.753	2.656	12.4	18.5
6 30	16 53.55	+ 8 9.1	1.802	2.661	14.3	18.6
7 10	16 48.95	+ 7 54.6	1.870	2.667	16.3	18.8

105814 2000 SW_{140} 6 8.7 259°.13 3°.3/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 32.67	−14 37.3	2.471	3.279	12.1	20.1
5 11	17 28.56	−13 57.2	2.370	3.264	9.7	19.9
5 21	17 22.62	−13 18.1	2.291	3.248	6.9	19.7
5 31	17 15.29	−12 41.8	2.239	3.233	4.3	19.5
6 10	17 7.24	−12 10.6	2.214	3.217	3.4	19.4
6 20	16 59.21	−11 46.2	2.217	3.201	5.5	19.5
6 30	16 51.95	−11 30.3	2.248	3.184	8.5	19.7
7 10	16 46.11	−11 23.5	2.302	3.168	11.3	19.8

494403 2016 UC_{59} 6 8.7 252°.45 1°.7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.66	−29 11.6	2.426	3.228	12.5	21.6
5 11	17 30.31	−29 6.5	2.330	3.221	10.0	21.4
5 21	17 23.87	−28 55.3	2.256	3.214	7.0	21.2
5 31	17 15.90	−28 36.9	2.207	3.206	3.7	21.0
6 10	17 7.16	−28 11.3	2.186	3.199	1.7	20.8
6 20	16 58.52	−27 39.5	2.194	3.191	4.2	21.0
6 30	16 50.84	−27 4.0	2.229	3.183	7.5	21.2
7 10	16 44.83	−26 27.7	2.288	3.175	10.6	21.4

311386 2005 SR_{291} 6 8.7 177°.60 1°.1/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.13	−19 46.7	2.592	3.399	11.7	22.0
5 11	17 28.79	−19 36.6	2.503	3.400	9.1	21.9
5 21	17 22.68	−19 26.3	2.438	3.400	6.2	21.7
5 31	17 15.28	−19 16.1	2.398	3.401	3.1	21.5
6 10	17 7.26	−19 6.5	2.387	3.401	1.2	21.3
6 20	16 59.34	−18 58.4	2.405	3.401	4.1	21.5
6 30	16 52.24	−18 52.7	2.450	3.401	7.2	21.7
7 10	16 46.56	−18 50.5	2.521	3.400	10.0	21.9

174875 2004 BQ_{50} 6 8.7 80°.80 3°.6/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.30	−14 41.0	1.582	2.411	16.9	19.9
5 11	17 32.35	−14 25.7	1.506	2.412	13.5	19.7
5 21	17 25.65	−14 15.1	1.449	2.413	9.5	19.4
5 31	17 16.86	−14 10.7	1.416	2.414	5.5	19.2
6 10	17 7.03	−14 13.9	1.407	2.416	3.7	19.1
6 20	16 57.34	−14 25.3	1.425	2.417	6.8	19.3
6 30	16 49.00	−14 45.1	1.467	2.418	10.9	19.5
7 10	16 42.93	−15 13.0	1.530	2.420	14.7	19.8

475234 2005 WH 6 8.7 256°.23 0°.7/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.26	−23 15.1	2.548	3.354	11.9	21.1
5 11	17 29.79	−22 37.1	2.444	3.340	9.4	20.9
5 21	17 23.43	−21 54.7	2.363	3.325	6.4	20.7
5 31	17 15.67	−21 8.4	2.308	3.311	3.1	20.4
6 10	17 7.21	−20 19.9	2.282	3.296	0.9	20.2
6 20	16 58.82	−19 31.2	2.285	3.281	4.2	20.5
6 30	16 51.27	−18 45.2	2.316	3.266	7.5	20.6
7 10	16 45.23	−18 4.3	2.372	3.250	10.6	20.8

462490 2008 VU_{12} 6 8.7 231°.42 3°.0/ 9.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 42.68	−30 4.5	1.712	2.520	16.7	22.6
5 11	17 37.78	−30 21.5	1.615	2.508	13.5	22.3
5 21	17 29.66	−30 31.7	1.538	2.495	9.6	22.1
5 31	17 18.93	−30 31.6	1.484	2.482	5.5	21.8
6 10	17 6.72	−30 18.8	1.457	2.467	3.1	21.6
6 20	16 54.47	−29 53.5	1.456	2.452	6.1	21.7
6 30	16 43.67	−29 18.8	1.481	2.436	10.5	22.0
7 10	16 35.49	−28 40.2	1.529	2.419	14.6	22.2

249144 2008 AX_{43} 6 8.7 350°.43 4°.7/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.18	−36 3.8	2.072	2.868	14.6	19.7
5 11	17 32.06	−36 23.1	1.987	2.867	11.9	19.5
5 21	17 25.35	−36 32.4	1.922	2.865	9.0	19.3
5 31	17 16.69	−36 28.3	1.880	2.864	6.1	19.1
6 10	17 7.07	−36 9.3	1.865	2.863	4.7	19.0
6 20	16 57.63	−35 36.0	1.876	2.862	6.1	19.1
6 30	16 49.48	−34 51.6	1.913	2.861	9.0	19.3
7 10	16 43.48	−34 1.0	1.973	2.861	12.0	19.5

121753 1999 XP_{247} 6 8.7 200°.67 3°.7/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.63	−12 22.7	2.721	3.523	11.3	20.3
5 11	17 27.46	−11 36.8	2.632	3.521	9.0	20.1
5 21	17 21.70	−10 53.0	2.567	3.519	6.6	20.0
5 31	17 14.80	−10 13.7	2.529	3.516	4.4	19.8
6 10	17 7.35	− 9 40.8	2.518	3.513	3.8	19.8
6 20	17 0.00	− 9 16.2	2.535	3.510	5.5	19.9
6 30	16 53.39	− 9 0.9	2.580	3.507	7.9	20.0
7 10	16 48.06	− 8 55.3	2.649	3.504	10.4	20.2

511427 2014 HN_{186} 6 8.8 43°.05 2°.2/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.21	−15 20.5	2.040	2.856	14.1	20.9
5 11	17 30.04	−15 35.5	1.966	2.866	11.1	20.7
5 21	17 23.73	−15 55.1	1.914	2.876	7.7	20.6
5 31	17 15.84	−16 19.4	1.887	2.887	4.1	20.4
6 10	17 7.20	−16 47.9	1.886	2.898	2.2	20.2
6 20	16 58.72	−17 20.1	1.914	2.909	5.0	20.4
6 30	16 51.29	−17 55.2	1.968	2.920	8.5	20.7
7 10	16 45.61	−18 32.8	2.046	2.932	11.7	20.9

496889 2000 UE_{67} 6 8.8 261°.16 4°.5/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 41.29	−31 33.1	1.658	2.469	17.0	21.6
5 11	17 37.05	−32 18.0	1.559	2.452	13.9	21.3
5 21	17 29.42	−32 57.8	1.479	2.434	10.2	21.0
5 31	17 18.93	−33 27.3	1.423	2.415	6.4	20.8
6 10	17 6.72	−33 42.3	1.392	2.397	4.6	20.6
6 20	16 54.28	−33 40.9	1.386	2.377	7.1	20.7
6 30	16 43.24	−33 24.9	1.406	2.358	11.2	20.9
7 10	16 34.93	−32 59.6	1.447	2.338	15.3	21.1

308348 2005 QD_{58} 6 8.8 222°.40 4°.3/ 7.6 18

5 1	17 32.18	−10 23.6	2.534	3.335	12.1	21.7
5 11	17 28.05	− 9 50.3	2.443	3.330	9.7	21.5
5 21	17 22.20	− 9 21.3	2.376	3.325	7.2	21.3
5 31	17 15.07	− 8 58.7	2.334	3.319	5.0	21.2
6 10	17 7.32	− 8 44.4	2.320	3.313	4.4	21.1
6 20	16 59.63	− 8 39.5	2.333	3.307	6.0	21.2
6 30	16 52.70	− 8 44.7	2.373	3.301	8.5	21.4
7 10	16 47.14	− 8 59.6	2.437	3.294	11.1	21.5

122224 2000 NL_{23} 6 8.8 347°.69 6°.3/ 9.9 18

5 1	17 31.92	−34 21.9	1.050	1.905	21.7	18.4
5 11	17 31.00	−34 51.8	0.979	1.896	17.9	18.1
5 21	17 25.90	−35 7.5	0.923	1.888	13.4	17.8
5 31	17 17.35	−35 3.1	0.887	1.881	8.8	17.5
6 10	17 6.97	−34 34.9	0.870	1.876	6.3	17.3
6 20	16 56.78	−33 44.0	0.875	1.872	8.8	17.5
6 30	16 48.83	−32 37.4	0.900	1.870	13.5	17.7
7 10	16 44.51	−31 24.9	0.944	1.869	18.3	18.0

465600 2009 BK_{172} 6 8.8 100°.39 2°.1/ 8.4 17

5 1	17 39.01	−18 57.3	1.478	2.308	17.8	22.1
5 11	17 34.57	−18 40.0	1.411	2.320	14.0	21.9
5 21	17 27.16	−18 23.3	1.363	2.331	9.6	21.6
5 31	17 17.56	−18 8.1	1.339	2.342	4.9	21.4
6 10	17 6.97	−17 55.6	1.339	2.352	2.3	21.3
6 20	16 56.71	−17 47.0	1.366	2.363	6.3	21.5
6 30	16 48.06	−17 44.1	1.417	2.373	10.8	21.8
7 10	16 41.92	−17 48.1	1.489	2.383	14.8	22.1

310284 2011 UJ_{72} 6 8.8 212°.91 0°.5/ 8.9 18

5 1	17 34.40	−24 58.1	2.588	3.392	11.8	21.7
5 11	17 29.90	−24 57.1	2.493	3.387	9.3	21.6
5 21	17 23.52	−24 53.2	2.421	3.382	6.3	21.4
5 31	17 15.73	−24 45.7	2.375	3.377	3.1	21.1
6 10	17 7.24	−24 34.7	2.357	3.372	0.6	20.9
6 20	16 58.82	−24 20.7	2.368	3.366	3.9	21.2
6 30	16 51.25	−24 5.2	2.406	3.360	7.1	21.4
7 10	16 45.18	−23 50.2	2.470	3.354	10.0	21.5

508542 2016 TN_{8} 6 8.8 184°.64 5°.4/ 6.7 18

5 1	17 30.28	− 3 11.1	3.206	3.981	10.3	21.4
5 11	17 26.13	− 2 27.1	3.122	3.981	8.6	21.3
5 21	17 20.68	− 1 49.7	3.061	3.981	6.9	21.1
5 31	17 14.29	− 1 21.3	3.027	3.980	5.7	21.1
6 10	17 7.46	− 1 3.7	3.019	3.979	5.5	21.0
6 20	17 0.70	− 0 58.0	3.039	3.977	6.4	21.1
6 30	16 54.54	− 1 4.4	3.085	3.975	8.0	21.2
7 10	16 49.42	− 1 22.0	3.156	3.973	9.8	21.3

475740 2006 WK_{89} 6 8.8 222°.92 1°.2/ 9.1 18

5 1	17 35.10	−27 43.1	2.703	3.500	11.5	22.4
5 11	17 30.42	−27 40.2	2.603	3.492	9.1	22.2
5 21	17 23.86	−27 32.6	2.525	3.483	6.3	22.0
5 31	17 15.90	−27 19.4	2.474	3.474	3.3	21.8
6 10	17 7.22	−27 0.6	2.451	3.465	1.2	21.6
6 20	16 58.61	−26 37.0	2.458	3.455	3.8	21.8
6 30	16 50.84	−26 10.3	2.492	3.445	6.9	22.0
7 10	16 44.56	−25 43.1	2.552	3.434	9.8	22.2

305591 2008 YA_{88} 6 8.8 203°.98 2°.6/ 8.5 17

5 1	17 40.06	−16 17.4	1.692	2.510	16.4	21.3
5 11	17 35.28	−16 15.0	1.606	2.506	13.1	21.1
5 21	17 27.70	−16 16.3	1.539	2.502	9.1	20.8
5 31	17 17.91	−16 22.0	1.497	2.497	4.9	20.6
6 10	17 6.94	−16 32.3	1.481	2.492	2.7	20.4
6 20	16 56.00	−16 47.3	1.491	2.486	6.2	20.6
6 30	16 46.35	−17 7.5	1.528	2.479	10.5	20.9
7 10	16 38.96	−17 33.1	1.587	2.472	14.5	21.1

79609 1998 RC_{50} 6 8.8 237°.43 1°.1/ 8.9 18

5 1	17 39.17	−25 32.3	1.953	2.763	14.8	20.1
5 11	17 34.49	−25 44.7	1.854	2.751	11.8	19.9
5 21	17 27.13	−25 54.1	1.775	2.738	8.2	19.6
5 31	17 17.64	−25 58.8	1.722	2.724	4.1	19.3
6 10	17 6.97	−25 57.6	1.696	2.710	1.2	19.1
6 20	16 56.25	−25 50.5	1.697	2.695	5.1	19.3
6 30	16 46.66	−25 39.4	1.724	2.680	9.3	19.5
7 10	16 39.18	−25 27.0	1.775	2.664	13.0	19.7

267183 2000 QP_{62} 6 8.8 315°.59 6°.3/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 31.86	−10 13.7	1.452	2.289	17.7	19.7
5 11	17 29.42	− 9 43.3	1.357	2.264	14.5	19.5
5 21	17 24.07	− 9 20.6	1.280	2.240	10.9	19.2
5 31	17 16.33	− 9 9.6	1.225	2.215	7.5	18.9
6 10	17 7.15	− 9 13.9	1.193	2.192	6.4	18.8
6 20	16 57.75	− 9 35.1	1.184	2.169	9.0	18.9
6 30	16 49.50	−10 13.4	1.198	2.147	13.1	19.0
7 10	16 43.55	−11 6.8	1.233	2.125	17.3	19.2

211087 2002 ED_{52} 6 8.8 72°.96 2°.0/ 8.5 17

5 1	17 39.07	−19 3.3	1.369	2.205	18.6	21.1
5 11	17 34.75	−18 51.4	1.310	2.222	14.6	20.8
5 21	17 27.32	−18 40.8	1.271	2.239	10.0	20.6
5 31	17 17.64	−18 31.8	1.253	2.257	5.0	20.4
6 10	17 7.01	−18 25.4	1.261	2.274	2.2	20.2
6 20	16 56.82	−18 22.6	1.293	2.291	6.4	20.5
6 30	16 48.38	−18 24.8	1.349	2.308	11.0	20.9
7 10	16 42.59	−18 33.1	1.427	2.325	15.1	21.1

112043 2002 JB_{2} 6 8.8 353°.88 5°.4/ 8.0 17

5 1	17 31.37	−13 40.9	1.164	2.022	19.9	19.5
5 11	17 29.40	−13 5.7	1.095	2.017	16.0	19.2
5 21	17 24.15	−12 36.1	1.043	2.013	11.5	18.9
5 31	17 16.32	−12 16.2	1.012	2.010	7.1	18.7
6 10	17 7.17	−12 9.2	1.002	2.008	5.5	18.6
6 20	16 58.18	−12 16.9	1.015	2.008	8.8	18.7
6 30	16 50.83	−12 39.7	1.049	2.008	13.4	19.0
7 10	16 46.22	−13 16.0	1.102	2.009	17.8	19.3

102063 1999 RR_{134} 6 8.8 291°.61 3°.4/ 9.6 18

5 1	17 35.33	−32 59.8	2.227	3.027	13.6	19.4
5 11	17 31.28	−33 12.3	2.125	3.011	11.0	19.2
5 21	17 24.82	−33 17.0	2.043	2.994	8.0	19.0
5 31	17 16.49	−33 11.5	1.987	2.978	5.0	18.8
6 10	17 7.16	−32 54.2	1.956	2.961	3.4	18.6
6 20	16 57.83	−32 25.8	1.953	2.945	5.3	18.7
6 30	16 49.55	−31 48.6	1.977	2.929	8.5	18.9
7 10	16 43.19	−31 6.6	2.024	2.913	11.7	19.1

6762 Cyrenagoodrich 6 8.8 296°.07 3°.4/ 9.1 18

5 1	17 37.25	−28 33.1	1.286	2.126	19.4	17.7
5 11	17 34.63	−29 3.8	1.193	2.106	15.7	17.4
5 21	17 28.22	−29 30.0	1.118	2.085	11.3	17.0
5 31	17 18.54	−29 47.3	1.064	2.064	6.4	16.7
6 10	17 6.83	−29 52.0	1.032	2.044	3.5	16.5
6 20	16 54.83	−29 42.7	1.024	2.023	7.4	16.6
6 30	16 44.46	−29 22.2	1.039	2.003	12.8	16.8
7 10	16 37.28	−28 56.1	1.073	1.984	17.8	17.1

80239 1999 VM_{220} 6 8.8 131°.59 1°.2/ 9.0 18

5 1	17 39.41	−26 51.0	1.690	2.508	16.4	20.1
5 11	17 34.76	−26 44.3	1.613	2.515	13.0	19.9
5 21	17 27.25	−26 31.6	1.557	2.521	8.9	19.7
5 31	17 17.62	−26 11.6	1.525	2.527	4.5	19.4
6 10	17 7.01	−25 44.3	1.518	2.533	1.2	19.2
6 20	16 56.68	−25 11.6	1.538	2.538	5.3	19.5
6 30	16 47.86	−24 37.0	1.584	2.543	9.7	19.8
7 10	16 41.44	−24 4.3	1.653	2.548	13.5	20.0

349868 2009 DX_{59} 6 8.8 90°.72 0°.6/ 8.6 17

5 1	17 34.53	−20 57.9	2.117	2.933	13.6	21.5
5 11	17 30.35	−20 59.7	2.034	2.935	10.7	21.3
5 21	17 24.00	−21 1.2	1.972	2.937	7.3	21.0
5 31	17 16.02	−21 2.2	1.936	2.939	3.5	20.8
6 10	17 7.24	−21 2.7	1.926	2.941	0.8	20.6
6 20	16 58.58	−21 3.2	1.944	2.943	4.5	20.9
6 30	16 50.95	−21 4.7	1.989	2.945	8.2	21.1
7 10	16 45.09	−21 8.4	2.058	2.947	11.5	21.3

520359 2014 GN_{64} 6 8.8 88°.52 0°.7/ 8.9 18

5 1	17 34.91	−26 47.1	2.242	3.051	13.2	21.2
5 11	17 30.49	−26 26.0	2.160	3.056	10.4	21.1
5 21	17 23.97	−25 59.3	2.100	3.062	7.1	20.9
5 31	17 15.95	−25 26.8	2.065	3.067	3.5	20.6
6 10	17 7.26	−24 49.4	2.058	3.073	0.8	20.4
6 20	16 58.80	−24 8.9	2.079	3.078	4.2	20.7
6 30	16 51.41	−23 28.2	2.128	3.084	7.7	20.9
7 10	16 45.79	−22 50.1	2.201	3.089	10.9	21.1

94136 2000 YL_{122} 6 8.8 105°.90 6°.6/ 5.6 18

5 1	17 37.11	−11 59.2	1.886	2.698	15.2	18.9
5 11	17 32.30	− 9 59.8	1.811	2.702	12.3	18.7
5 21	17 25.23	− 8 0.3	1.759	2.707	9.3	18.5
5 31	17 16.55	− 6 6.8	1.733	2.712	7.0	18.4
6 10	17 7.18	− 4 26.0	1.735	2.716	6.9	18.4
6 20	16 58.10	− 3 3.4	1.764	2.721	8.9	18.5
6 30	16 50.22	− 2 2.2	1.818	2.725	11.8	18.7
7 10	16 44.25	− 1 23.0	1.894	2.729	14.6	18.9

269460 2009 SB_{336} 6 8.8 118°.95 6°.5/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 44.95	−39 32.5	2.099	2.869	15.2	21.4
5 11	17 39.03	−40 31.6	2.028	2.886	12.7	21.3
5 21	17 30.15	−41 19.7	1.979	2.902	9.9	21.1
5 31	17 19.02	−41 51.5	1.953	2.917	7.6	21.0
6 10	17 6.83	−42 3.4	1.954	2.932	6.5	21.0
6 20	16 54.89	−41 54.8	1.981	2.946	7.5	21.1
6 30	16 44.51	−41 28.9	2.034	2.960	9.8	21.2
7 10	16 36.64	−40 51.1	2.110	2.974	12.3	21.4

150349 1999 YB_{24} 6 8.8 77°.75 1°.6/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.87	−20 15.8	1.265	2.107	19.5	19.8
5 11	17 35.03	−20 3.1	1.200	2.116	15.4	19.6
5 21	17 27.80	−19 50.2	1.153	2.124	10.5	19.3
5 31	17 17.99	−19 37.4	1.128	2.132	5.2	19.0
6 10	17 6.98	−19 25.8	1.126	2.140	1.8	18.8
6 20	16 56.31	−19 16.6	1.149	2.148	6.7	19.2
6 30	16 47.49	−19 12.2	1.195	2.157	11.8	19.5
7 10	16 41.54	−19 14.3	1.262	2.165	16.2	19.8

437372 2013 VM_{15} 6 8.8 218°.99 3°.7/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.81	−14 29.2	2.113	2.923	13.8	21.9
5 11	17 31.31	−13 48.2	2.021	2.916	11.1	21.7
5 21	17 24.64	−13 8.7	1.951	2.908	7.9	21.5
5 31	17 16.34	−12 33.0	1.906	2.900	4.9	21.3
6 10	17 7.21	−12 3.3	1.889	2.892	3.9	21.2
6 20	16 58.15	−11 41.8	1.899	2.883	6.2	21.4
6 30	16 50.07	−11 30.1	1.935	2.873	9.5	21.6
7 10	16 43.71	−11 28.7	1.995	2.864	12.7	21.7

232444 2003 FA_{100} 6 8.8 17°.38 2°.9/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.51	−28 16.8	1.102	1.957	21.0	20.1
5 11	17 33.20	−28 36.1	1.039	1.960	16.7	19.8
5 21	17 26.99	−28 48.1	0.993	1.964	11.7	19.6
5 31	17 17.74	−28 49.2	0.966	1.969	6.3	19.3
6 10	17 7.01	−28 37.8	0.962	1.975	3.0	19.1
6 20	16 56.62	−28 14.9	0.980	1.981	7.1	19.4
6 30	16 48.36	−27 45.2	1.020	1.989	12.4	19.7
7 10	16 43.42	−27 14.5	1.079	1.997	17.1	20.0

504741 2009 VL_{106} 6 8.8 164°.16 10°.2/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.51	+ 9 55.7	2.682	3.402	13.4	22.7
5 11	17 30.41	+11 25.2	2.619	3.409	12.1	22.6
5 21	17 23.67	+12 41.0	2.577	3.416	11.0	22.5
5 31	17 15.76	+13 37.8	2.558	3.422	10.3	22.5
6 10	17 7.30	+14 12.3	2.563	3.427	10.3	22.5
6 20	16 58.99	+14 23.0	2.591	3.431	11.0	22.5
6 30	16 51.48	+14 10.3	2.643	3.434	12.2	22.6
7 10	16 45.33	+13 36.9	2.714	3.437	13.4	22.7

485159 2010 RW_{54} 6 8.8 73°.87 20°.4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 57.23	−55 35.9	1.118	1.877	26.4	20.5
5 11	17 54.90	−58 28.9	1.068	1.881	24.4	20.3
5 21	17 44.99	−60 58.1	1.031	1.885	22.5	20.2
5 31	17 27.62	−62 44.1	1.010	1.890	21.0	20.1
6 10	17 5.50	−63 30.0	1.004	1.894	20.4	20.1
6 20	16 43.51	−63 9.6	1.014	1.899	20.8	20.1
6 30	16 26.64	−61 51.7	1.040	1.904	22.0	20.2
7 10	16 17.46	−59 55.7	1.081	1.908	23.7	20.4

79551 1998 QB_{47} 6 8.8 214°.83 2°.9/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.80	−30 7.8	2.047	2.846	14.6	19.6
5 11	17 35.71	−30 32.5	1.951	2.839	11.7	19.4
5 21	17 27.92	−30 51.7	1.877	2.831	8.4	19.2
5 31	17 18.02	−31 2.4	1.828	2.823	4.9	19.0
6 10	17 6.97	−31 2.6	1.805	2.814	2.9	18.8
6 20	16 55.93	−30 51.9	1.810	2.804	5.4	19.0
6 30	16 46.09	−30 32.6	1.843	2.794	9.1	19.2
7 10	16 38.40	−30 8.3	1.899	2.783	12.5	19.4

402476 2006 BR_{240} 6 8.8 126°.75 4°.5/ 9.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 43.10	−32 57.4	1.526	2.338	18.2	22.4
5 11	17 38.25	−33 23.6	1.454	2.346	14.7	22.2
5 21	17 29.95	−33 40.0	1.400	2.354	10.7	22.0
5 31	17 19.01	−33 42.0	1.370	2.362	6.6	21.8
6 10	17 6.84	−33 27.1	1.364	2.370	4.5	21.6
6 20	16 55.02	−32 56.2	1.384	2.377	6.9	21.8
6 30	16 45.07	−32 13.8	1.429	2.383	10.9	22.0
7 10	16 38.07	−31 26.4	1.495	2.390	14.7	22.3

161872 2007 CM_{13} 6 8.8 174°.96 1°.4/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.78	−27 44.6	2.360	3.165	12.7	20.7
5 11	17 30.41	−27 44.7	2.272	3.166	10.1	20.5
5 21	17 23.97	−27 39.9	2.206	3.166	7.0	20.3
5 31	17 15.99	−27 29.2	2.166	3.166	3.6	20.1
6 10	17 7.28	−27 12.3	2.153	3.166	1.4	20.0
6 20	16 58.71	−26 50.3	2.169	3.167	4.2	20.2
6 30	16 51.13	−26 25.2	2.211	3.167	7.5	20.4
7 10	16 45.24	−25 59.5	2.279	3.166	10.6	20.6

245210 2004 VL_{57} 6 8.8 223°.70 0°.0/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.76	−24 13.2	2.172	2.981	13.6	20.9
5 11	17 32.14	−23 58.4	2.077	2.974	10.7	20.7
5 21	17 25.26	−23 39.6	2.003	2.966	7.3	20.5
5 31	17 16.66	−23 16.7	1.955	2.958	3.5	20.2
6 10	17 7.19	−22 50.2	1.934	2.949	0.5	20.0
6 20	16 57.79	−22 21.6	1.941	2.940	4.5	20.3
6 30	16 49.44	−21 53.2	1.976	2.930	8.3	20.5
7 10	16 42.90	−21 27.6	2.035	2.921	11.8	20.7

480368 2015 KN_{31} 6 8.8 118°.75 1°.4/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.40	−25 52.7	2.003	2.816	14.4	21.7
5 11	17 32.09	−26 11.8	1.919	2.818	11.4	21.5
5 21	17 25.33	−26 28.0	1.857	2.819	7.8	21.3
5 31	17 16.72	−26 39.5	1.819	2.821	4.0	21.0
6 10	17 7.18	−26 45.3	1.808	2.822	1.4	20.8
6 20	16 57.75	−26 45.3	1.825	2.823	4.8	21.1
6 30	16 49.47	−26 41.0	1.868	2.825	8.6	21.3
7 10	16 43.18	−26 34.8	1.935	2.826	12.0	21.5

32786 1989 GW_2 6 8.8 170°.48 2°.0/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.87	−27 25.6	1.612	2.430	17.1	19.2
5 11	17 36.23	−27 39.3	1.532	2.433	13.6	18.9
5 21	17 28.48	−27 47.8	1.472	2.434	9.5	18.7
5 31	17 18.33	−27 48.6	1.435	2.436	5.0	18.4
6 10	17 6.97	−27 40.2	1.424	2.437	2.0	18.2
6 20	16 55.79	−27 23.2	1.439	2.438	5.8	18.5
6 30	16 46.19	−27 0.7	1.479	2.438	10.2	18.7
7 10	16 39.18	−26 36.7	1.542	2.438	14.3	19.0

22449 Ottijeff 6 8.8 193°.38 9°.4/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 53.92	−50 16.2	2.462	3.167	14.8	19.1
5 11	17 46.68	−51 32.6	2.372	3.165	13.1	18.9
5 21	17 35.81	−52 35.1	2.303	3.161	11.4	18.8
5 31	17 21.96	−53 16.3	2.256	3.157	10.0	18.7
6 10	17 6.44	−53 30.3	2.234	3.151	9.4	18.7
6 20	16 50.91	−53 15.4	2.238	3.145	9.9	18.7
6 30	16 37.10	−52 34.1	2.266	3.137	11.3	18.8
7 10	16 26.29	−51 33.5	2.317	3.128	13.1	18.9

473281 2015 NT_{25} 6 8.8 311°.86 0°.4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.97	−23 15.7	1.865	2.689	14.9	20.7
5 11	17 30.48	−23 29.4	1.770	2.675	11.8	20.5
5 21	17 24.45	−23 42.2	1.696	2.662	8.1	20.2
5 31	17 16.40	−23 52.9	1.646	2.649	3.9	20.0
6 10	17 7.24	−24 0.6	1.622	2.637	0.7	19.7
6 20	16 58.03	−24 5.4	1.624	2.624	5.0	20.0
6 30	16 49.91	−24 8.3	1.652	2.612	9.3	20.2
7 10	16 43.81	−24 11.1	1.704	2.601	13.1	20.4

17478 1991 LQ 6 8.8 325°.64 3°.5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.56	−12 4.1	1.487	2.318	17.7	17.2
5 11	17 32.26	−12 31.6	1.398	2.305	14.2	16.9
5 21	17 25.99	−13 11.0	1.328	2.292	10.2	16.7
5 31	17 17.27	−14 2.9	1.281	2.280	5.9	16.4
6 10	17 7.11	−15 6.4	1.259	2.269	3.6	16.2
6 20	16 56.79	−16 18.9	1.262	2.258	6.9	16.4
6 30	16 47.71	−17 37.1	1.289	2.248	11.5	16.6
7 10	16 41.01	−18 58.2	1.339	2.238	15.8	16.8

199540 2006 DD_{206} 6 8.8 241°.53 3°.1/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.69	−16 6.6	1.928	2.748	14.6	20.6
5 11	17 30.66	−15 36.2	1.842	2.744	11.6	20.4
5 21	17 24.31	−15 7.2	1.777	2.740	8.2	20.2
5 31	17 16.23	−14 41.3	1.737	2.735	4.7	20.0
6 10	17 7.28	−14 20.6	1.723	2.731	3.3	19.9
6 20	16 58.43	−14 6.7	1.736	2.727	6.0	20.0
6 30	16 50.65	−14 1.0	1.775	2.722	9.6	20.3
7 10	16 44.75	−14 4.2	1.837	2.718	13.1	20.5

374544 2006 BE_{82} 6 8.8 174°.33 0°.3/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.49	−23 33.9	2.154	2.962	13.7	21.1
5 11	17 32.69	−23 40.7	2.067	2.964	10.8	20.9
5 21	17 25.61	−23 45.5	2.003	2.966	7.3	20.7
5 31	17 16.83	−23 47.5	1.964	2.967	3.5	20.5
6 10	17 7.20	−23 46.3	1.953	2.968	0.6	20.2
6 20	16 57.68	−23 42.2	1.969	2.968	4.5	20.5
6 30	16 49.23	−23 36.6	2.013	2.968	8.2	20.8
7 10	16 42.63	−23 31.5	2.082	2.968	11.5	21.0

381916 2010 CD_{44} 6 8.8 198°.26 1°.7/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.77	−28 13.6	2.578	3.370	12.1	22.7
5 11	17 33.42	−28 24.5	2.480	3.366	9.7	22.5
5 21	17 25.98	−28 31.0	2.406	3.361	6.7	22.3
5 31	17 16.98	−28 31.5	2.357	3.356	3.6	22.1
6 10	17 7.17	−28 25.2	2.338	3.349	1.7	22.0
6 20	16 57.42	−28 12.4	2.347	3.343	4.2	22.1
6 30	16 48.60	−27 54.6	2.385	3.335	7.3	22.3
7 10	16 41.43	−27 34.6	2.448	3.327	10.3	22.5

328229 2008 FL_{38} 6 8.8 249°.05 4°.3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.04	−13 25.2	1.794	2.613	15.6	20.7
5 11	17 31.97	−12 52.7	1.703	2.602	12.5	20.5
5 21	17 25.37	−12 23.7	1.632	2.591	9.0	20.2
5 31	17 16.81	−12 0.7	1.586	2.580	5.7	20.0
6 10	17 7.19	−11 46.0	1.565	2.568	4.5	19.9
6 20	16 57.58	−11 41.3	1.570	2.556	7.1	20.0
6 30	16 49.08	−11 47.8	1.601	2.544	10.8	20.2
7 10	16 42.58	−12 5.3	1.654	2.532	14.4	20.4

423867 2006 RV_{26} 6 8.8 255°.49 1°.4/ 9.0 17

5 1	17 39.80	−26 17.6	1.885	2.696	15.3	22.3
5 11	17 35.23	−26 29.7	1.779	2.676	12.2	22.0
5 21	17 27.82	−26 38.2	1.694	2.655	8.5	21.8
5 31	17 18.09	−26 41.1	1.633	2.634	4.4	21.5
6 10	17 7.00	−26 36.9	1.598	2.612	1.5	21.2
6 20	16 55.74	−26 25.6	1.591	2.589	5.4	21.4
6 30	16 45.61	−26 9.2	1.610	2.566	9.8	21.6
7 10	16 37.69	−25 51.1	1.653	2.542	13.8	21.8

276871 2004 RT_{201} 6 8.8 323°.41 2°.5/ 9.1 17

5 1	17 34.25	−27 33.8	1.502	2.337	17.3	21.0
5 11	17 31.48	−27 56.8	1.413	2.323	13.9	20.8
5 21	17 25.56	−28 15.4	1.343	2.309	9.8	20.5
5 31	17 17.08	−28 26.9	1.295	2.296	5.3	20.2
6 10	17 7.14	−28 29.2	1.271	2.284	2.5	20.0
6 20	16 57.16	−28 22.0	1.272	2.272	6.2	20.2
6 30	16 48.60	−28 7.6	1.297	2.260	10.9	20.4
7 10	16 42.64	−27 50.1	1.343	2.250	15.2	20.6

198353 2004 VL_{8} 6 8.8 261°.06 1°.2/ 8.5 17

5 1	17 36.43	−19 58.3	2.074	2.887	14.0	21.1
5 11	17 32.12	−19 51.4	1.969	2.868	11.1	20.8
5 21	17 25.43	−19 44.4	1.885	2.848	7.6	20.6
5 31	17 16.84	−19 37.2	1.826	2.828	3.8	20.3
6 10	17 7.18	−19 30.4	1.794	2.808	1.4	20.1
6 20	16 57.43	−19 24.7	1.790	2.787	5.1	20.3
6 30	16 48.61	−19 21.3	1.812	2.765	9.1	20.5
7 10	16 41.62	−19 21.9	1.859	2.743	12.7	20.7

308572 2005 UL_{415} 6 8.8 48°.31 0°.5/ 8.8 16

5 1	17 34.06	−23 34.4	2.247	3.060	13.0	21.3
5 11	17 29.92	−23 48.4	2.165	3.064	10.2	21.1
5 21	17 23.68	−24 1.0	2.104	3.068	7.0	20.9
5 31	17 15.89	−24 11.3	2.069	3.072	3.4	20.6
6 10	17 7.34	−24 18.6	2.062	3.077	0.6	20.4
6 20	16 58.90	−24 23.1	2.082	3.081	4.2	20.7
6 30	16 51.45	−24 25.7	2.129	3.085	7.7	20.9
7 10	16 45.69	−24 27.8	2.201	3.090	10.8	21.1

446612 2015 MK_{73} 6 8.8 211°.88 8°.3/ 7.8 18

5 1	17 33.36	+ 4 53.3	2.550	3.302	13.3	20.6
5 11	17 28.92	+ 5 21.0	2.470	3.300	11.6	20.5
5 21	17 22.78	+ 5 35.0	2.411	3.298	9.9	20.3
5 31	17 15.41	+ 5 31.9	2.375	3.296	8.7	20.3
6 10	17 7.43	+ 5 9.7	2.364	3.293	8.4	20.2
6 20	16 59.53	+ 4 28.3	2.378	3.291	9.2	20.3
6 30	16 52.41	+ 3 29.1	2.418	3.288	10.7	20.4
7 10	16 46.63	+ 2 15.1	2.480	3.286	12.5	20.5

415115 2012 CG_{56} 6 8.8 146°.27 3°.7/ 9.3 17

5 1	17 41.57	−30 13.5	1.656	2.468	17.0	21.5
5 11	17 36.84	−30 51.5	1.578	2.473	13.6	21.2
5 21	17 28.95	−31 23.8	1.520	2.477	9.8	21.0
5 31	17 18.59	−31 46.1	1.486	2.482	5.8	20.8
6 10	17 6.97	−31 55.5	1.478	2.485	3.7	20.7
6 20	16 55.53	−31 51.3	1.495	2.489	6.3	20.8
6 30	16 45.67	−31 36.3	1.538	2.492	10.3	21.1
7 10	16 38.46	−31 15.1	1.603	2.495	14.0	21.3

272783 2005 YO_{216} 6 8.8 159°.67 1°.1/ 8.9 17

5 1	17 38.74	−25 35.1	2.155	2.959	13.8	21.5
5 11	17 33.69	−25 50.6	2.071	2.965	10.9	21.3
5 21	17 26.30	−26 3.1	2.009	2.970	7.5	21.1
5 31	17 17.17	−26 11.2	1.973	2.974	3.8	20.9
6 10	17 7.18	−26 13.8	1.964	2.978	1.2	20.7
6 20	16 57.33	−26 11.2	1.983	2.981	4.5	21.0
6 30	16 48.59	−26 4.8	2.030	2.984	8.2	21.2
7 10	16 41.77	−25 57.0	2.101	2.987	11.4	21.4

399195 2014 GW_{10} 6 8.8 115°.66 1°.5/ 8.4 18

5 1	17 34.69	−19 14.9	2.386	3.194	12.5	21.7
5 11	17 30.08	−18 55.5	2.309	3.206	9.8	21.5
5 21	17 23.59	−18 35.8	2.256	3.218	6.7	21.3
5 31	17 15.79	−18 16.5	2.228	3.230	3.4	21.1
6 10	17 7.40	−17 58.7	2.229	3.241	1.6	21.0
6 20	16 59.20	−17 43.5	2.258	3.252	4.4	21.2
6 30	16 51.97	−17 32.2	2.314	3.263	7.6	21.4
7 10	16 46.30	−17 25.8	2.395	3.273	10.5	21.6

251806 1999 TO_{59} 6 8.8 181°.51 4°.2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 41.22	−32 34.0	1.710	2.518	16.7	21.4
5 11	17 36.55	−33 1.4	1.628	2.518	13.5	21.1
5 21	17 28.75	−33 20.4	1.566	2.519	9.9	20.9
5 31	17 18.50	−33 27.1	1.527	2.519	6.1	20.7
6 10	17 7.01	−33 18.8	1.513	2.518	4.2	20.6
6 20	16 55.69	−32 55.8	1.526	2.518	6.4	20.7
6 30	16 45.94	−32 21.5	1.563	2.517	10.2	20.9
7 10	16 38.81	−31 41.4	1.624	2.515	13.9	21.2

27502 Stephbecca 6 8.8 191°.45 0°.9/ 8.9 18

5 1	17 35.60	−25 4.4	2.107	2.920	13.8	19.4
5 11	17 31.33	−25 14.1	2.021	2.919	10.9	19.2
5 21	17 24.76	−25 21.1	1.956	2.919	7.5	19.0
5 31	17 16.46	−25 24.1	1.916	2.919	3.7	18.8
6 10	17 7.30	−25 22.6	1.904	2.919	1.0	18.6
6 20	16 58.24	−25 16.9	1.919	2.918	4.5	18.8
6 30	16 50.25	−25 8.6	1.961	2.918	8.2	19.1
7 10	16 44.12	−24 59.9	2.027	2.917	11.6	19.3

431872 2008 SK_{161} 6 8.8 154°.41 6°.4/ 9.8 18

5 1	17 42.27	−39 0.5	2.120	2.896	14.9	21.5
5 11	17 37.06	−39 57.9	2.039	2.900	12.4	21.3
5 21	17 28.94	−40 45.4	1.978	2.904	9.8	21.1
5 31	17 18.56	−41 17.9	1.942	2.908	7.4	21.0
6 10	17 7.00	−41 31.6	1.931	2.912	6.4	20.9
6 20	16 55.55	−41 25.6	1.947	2.915	7.5	21.0
6 30	16 45.50	−41 2.4	1.988	2.917	9.8	21.2
7 10	16 37.84	−40 27.0	2.053	2.920	12.4	21.3

475794 2006 XD_{35} 6 8.8 176°.27 0°.3/ 8.9 18

5 1	17 34.34	−24 48.5	2.774	3.574	11.2	22.1
5 11	17 29.69	−24 40.6	2.684	3.576	8.8	21.9
5 21	17 23.30	−24 29.7	2.616	3.577	6.0	21.7
5 31	17 15.66	−24 15.3	2.576	3.578	2.9	21.5
6 10	17 7.42	−23 57.8	2.564	3.579	0.5	21.3
6 20	16 59.30	−23 38.1	2.581	3.579	3.6	21.6
6 30	16 52.00	−23 17.7	2.626	3.579	6.6	21.8
7 10	16 46.10	−22 58.4	2.697	3.578	9.4	21.9

377609 2005 RC_{43} 6 8.8 291°.23 2°.3/ 9.2 13 C

5 1	17 37.05	−28 14.6	1.629	2.453	16.7	21.5
5 11	17 33.62	−28 26.1	1.525	2.429	13.5	21.2
5 21	17 27.04	−28 32.0	1.441	2.405	9.5	20.9
5 31	17 17.85	−28 29.5	1.380	2.380	5.2	20.6
6 10	17 7.08	−28 16.9	1.343	2.356	2.4	20.4
6 20	16 56.11	−27 54.3	1.332	2.331	6.1	20.5
6 30	16 46.42	−27 24.5	1.346	2.306	10.8	20.7
7 10	16 39.24	−26 52.3	1.381	2.282	15.3	20.9

86385 2000 AK_{51} 6 8.8 178°.10 2°.3/ 7.7 18

5 1	17 33.83	−19 13.9	2.454	3.263	12.2	18.4
5 11	17 29.38	−18 14.4	2.366	3.263	9.6	18.2
5 21	17 23.12	−17 12.3	2.302	3.263	6.6	18.0
5 31	17 15.57	−16 9.7	2.264	3.264	3.6	17.8
6 10	17 7.45	−15 9.1	2.255	3.264	2.5	17.7
6 20	16 59.49	−14 13.5	2.275	3.264	4.9	17.9
6 30	16 52.45	−13 25.4	2.322	3.264	8.0	18.1
7 10	16 46.90	−12 46.8	2.394	3.263	10.8	18.2

311159 2004 TZ_{62} 6 8.8 278°.67 2°.6/ 8.2 17

5 1	17 36.93	−19 34.4	1.463	2.298	17.7	20.8
5 11	17 33.53	−18 58.7	1.365	2.277	14.2	20.5
5 21	17 26.96	−18 20.3	1.288	2.256	9.9	20.2
5 31	17 17.79	−17 40.6	1.232	2.235	5.2	19.8
6 10	17 7.10	−17 2.1	1.201	2.213	2.8	19.6
6 20	16 56.27	−16 27.9	1.195	2.192	7.1	19.8
6 30	16 46.78	−16 1.7	1.213	2.170	12.2	20.0
7 10	16 39.83	−15 46.3	1.252	2.148	16.8	20.2

317230 2002 CY_{179} 6 8.8 164°.05 3°.1/ 9.7 18

5 1	17 36.43	−33 28.6	2.541	3.329	12.4	21.0
5 11	17 31.66	−33 38.7	2.453	3.332	10.0	20.8
5 21	17 24.81	−33 41.2	2.387	3.334	7.3	20.6
5 31	17 16.43	−33 34.2	2.347	3.336	4.6	20.5
6 10	17 7.32	−33 16.8	2.334	3.337	3.1	20.4
6 20	16 58.38	−32 49.7	2.349	3.339	4.7	20.5
6 30	16 50.46	−32 15.2	2.391	3.340	7.4	20.6
7 10	16 44.24	−31 36.7	2.459	3.341	10.1	20.8

193886 2001 QO_{202} 6 8.8 247°.72 0°.1/ 8.8 17

5 1	17 39.44	−22 55.9	1.488	2.317	17.7	20.8
5 11	17 35.46	−23 4.2	1.399	2.308	14.1	20.5
5 21	17 28.24	−23 11.3	1.330	2.298	9.7	20.3
5 31	17 18.37	−23 15.7	1.284	2.288	4.7	19.9
6 10	17 7.03	−23 16.4	1.262	2.278	0.7	19.6
6 20	16 55.66	−23 13.8	1.267	2.267	6.1	20.0
6 30	16 45.76	−23 9.6	1.295	2.256	11.2	20.2
7 10	16 38.52	−23 6.8	1.345	2.245	15.7	20.5

235197 2003 SF_{146} 6 8.8 232.°48 5.°1/ 9.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 39.73	−36 10.8	2.211	2.996	14.1	20.6
5 11	17 34.92	−36 52.5	2.116	2.988	11.6	20.4
5 21	17 27.43	−37 26.2	2.042	2.980	8.9	20.2
5 31	17 17.84	−37 47.6	1.993	2.972	6.3	20.0
6 10	17 7.11	−37 53.9	1.971	2.963	5.1	20.0
6 20	16 56.38	−37 44.3	1.975	2.954	6.4	20.0
6 30	16 46.84	−37 20.8	2.005	2.945	9.2	20.2
7 10	16 39.42	−36 47.8	2.060	2.936	12.0	20.3

376175 2011 CT_{15} 6 8.8 163.°28 3.°1/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.89	−14 48.7	1.802	2.620	15.6	21.2
5 11	17 32.54	−14 43.3	1.721	2.622	12.4	21.0
5 21	17 25.69	−14 42.5	1.662	2.623	8.7	20.8
5 31	17 16.95	−14 47.3	1.626	2.624	4.9	20.6
6 10	17 7.25	−14 58.2	1.617	2.626	3.1	20.5
6 20	16 57.67	−15 15.5	1.634	2.627	6.0	20.6
6 30	16 49.28	−15 39.1	1.677	2.627	9.9	20.9
7 10	16 42.91	−16 8.7	1.743	2.628	13.4	21.1

349028 2006 VH_{24} 6 8.8 101.°12 0.°4/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.48	−21 47.7	2.353	3.163	12.6	21.6
5 11	17 30.04	−21 46.0	2.275	3.173	9.9	21.4
5 21	17 23.64	−21 43.2	2.219	3.183	6.7	21.2
5 31	17 15.85	−21 39.2	2.190	3.193	3.2	21.0
6 10	17 7.42	−21 34.1	2.188	3.202	0.6	20.8
6 20	16 59.15	−21 28.6	2.214	3.212	4.1	21.1
6 30	16 51.85	−21 23.8	2.267	3.221	7.4	21.4
7 10	16 46.15	−21 21.0	2.346	3.231	10.4	21.6

261710 2006 AB_{8} 6 8.8 316.°67 10.°7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 45.21	−46 8.4	1.045	1.856	24.8	19.3
5 11	17 42.41	−46 14.1	0.970	1.849	21.4	19.0
5 21	17 34.12	−45 49.1	0.909	1.841	17.5	18.7
5 31	17 21.41	−44 41.9	0.865	1.835	13.5	18.5
6 10	17 6.65	−42 46.5	0.840	1.828	10.9	18.3
6 20	16 52.68	−40 7.5	0.837	1.822	11.7	18.3
6 30	16 42.04	−37 1.2	0.856	1.817	15.3	18.5
7 10	16 36.09	−33 49.3	0.895	1.812	19.8	18.7

214148 2005 BS_{4} 6 8.8 76.°92 2.°2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 42.10	−28 6.7	1.435	2.259	18.5	20.6
5 11	17 37.20	−28 18.4	1.378	2.281	14.6	20.4
5 21	17 29.04	−28 23.4	1.339	2.303	10.1	20.2
5 31	17 18.53	−28 19.0	1.324	2.325	5.3	20.0
6 10	17 7.07	−28 4.4	1.334	2.346	2.3	19.8
6 20	16 56.16	−27 41.0	1.369	2.368	5.9	20.1
6 30	16 47.18	−27 12.8	1.429	2.389	10.4	20.4
7 10	16 41.00	−26 44.4	1.511	2.410	14.3	20.7

12534 Janhoet 6 8.8 206.°37 4.°2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.78	−12 58.1	2.169	2.978	13.6	18.3
5 11	17 30.42	−12 14.6	2.082	2.975	10.9	18.1
5 21	17 24.01	−11 33.6	2.016	2.971	7.9	17.9
5 31	17 16.08	−10 57.8	1.976	2.967	5.1	17.8
6 10	17 7.40	−10 29.4	1.964	2.963	4.3	17.7
6 20	16 58.81	−10 10.6	1.978	2.958	6.4	17.8
6 30	16 51.18	−10 2.4	2.019	2.953	9.4	18.0
7 10	16 45.19	−10 5.2	2.083	2.947	12.4	18.2

304502 2006 UZ_{163} 6 8.8 290.°49 0.°7/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.02	−20 48.0	2.142	2.959	13.5	21.1
5 11	17 30.01	−20 47.4	2.054	2.955	10.6	20.9
5 21	17 23.83	−20 46.5	1.987	2.952	7.2	20.7
5 31	17 16.03	−20 45.2	1.946	2.949	3.5	20.4
6 10	17 7.40	−20 43.7	1.931	2.946	0.9	20.2
6 20	16 58.84	−20 42.6	1.944	2.943	4.6	20.5
6 30	16 51.26	−20 42.8	1.984	2.939	8.2	20.7
7 10	16 45.41	−20 45.5	2.048	2.936	11.6	20.9

499645 2010 VZ_{57} 6 8.8 271.°76 0.°4/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.77	−23 20.5	1.685	2.507	16.3	21.8
5 11	17 34.78	−23 32.4	1.580	2.484	13.0	21.5
5 21	17 27.75	−23 43.3	1.495	2.461	9.1	21.2
5 31	17 18.19	−23 51.7	1.434	2.438	4.4	20.9
6 10	17 7.09	−23 56.2	1.399	2.414	0.7	20.6
6 20	16 55.73	−23 56.8	1.390	2.389	5.7	20.9
6 30	16 45.53	−23 54.7	1.406	2.365	10.6	21.1
7 10	16 37.69	−23 52.6	1.444	2.339	15.1	21.3

402358 2005 VU_{117} 6 8.8 240.°15 1.°9/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.02	−19 55.3	1.485	2.315	17.7	22.4
5 11	17 35.00	−19 36.7	1.398	2.307	14.1	22.1
5 21	17 27.84	−19 17.2	1.330	2.297	9.7	21.9
5 31	17 18.16	−18 57.5	1.284	2.288	4.9	21.6
6 10	17 7.11	−18 38.6	1.264	2.278	2.1	21.3
6 20	16 56.08	−18 22.4	1.269	2.267	6.5	21.6
6 30	16 46.51	−18 11.3	1.299	2.256	11.5	21.8
7 10	16 39.50	−18 7.5	1.350	2.245	15.9	22.1

228360 2000 UA_{3} 6 8.8 140.°79 1.°9/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 40.28	−28 6.3	2.510	3.300	12.5	21.4
5 11	17 34.53	−28 29.0	2.431	3.315	9.9	21.3
5 21	17 26.70	−28 47.7	2.374	3.328	6.9	21.1
5 31	17 17.34	−29 0.3	2.344	3.341	3.7	20.9
6 10	17 7.28	−29 5.8	2.343	3.354	1.9	20.8
6 20	16 57.39	−29 4.2	2.370	3.365	4.2	21.0
6 30	16 48.54	−28 56.9	2.427	3.376	7.3	21.2
7 10	16 41.42	−28 46.3	2.508	3.386	10.1	21.4

141402 2002 AE_{145} 6 8.8 147.°94 0.°6/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.23	−21 24.6	2.657	3.461	11.5	21.5
5 11	17 29.64	−21 18.8	2.573	3.467	9.0	21.4
5 21	17 23.29	−21 12.0	2.511	3.473	6.1	21.2
5 31	17 15.69	−21 4.1	2.477	3.479	2.9	21.0
6 10	17 7.51	−20 55.6	2.470	3.485	0.7	20.8
6 20	16 59.45	−20 47.0	2.493	3.490	3.8	21.1
6 30	16 52.22	−20 39.6	2.543	3.495	6.9	21.3
7 10	16 46.42	−20 34.4	2.619	3.500	9.6	21.4

488329 2016 UX_{146} 6 8.8 264.°40 0.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.24	−23 9.7	2.396	3.205	12.4	20.9
5 11	17 29.94	−22 30.6	2.296	3.193	9.8	20.7
5 21	17 23.67	−21 46.9	2.218	3.182	6.7	20.4
5 31	17 15.94	−20 59.5	2.167	3.170	3.2	20.2
6 10	17 7.47	−20 10.0	2.144	3.158	1.0	20.0
6 20	16 59.10	−19 20.8	2.150	3.147	4.4	20.2
6 30	16 51.63	−18 34.7	2.183	3.135	7.8	20.4
7 10	16 45.74	−17 54.2	2.241	3.123	11.0	20.6

304413 2006 TW_{51} 6 8.8 190.°80 2.°1/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.49	−17 20.7	2.652	3.457	11.5	22.1
5 11	17 29.06	−16 55.5	2.562	3.455	9.1	21.9
5 21	17 22.92	−16 30.7	2.494	3.454	6.3	21.8
5 31	17 15.53	−16 7.2	2.453	3.452	3.4	21.6
6 10	17 7.55	−15 46.3	2.441	3.450	2.2	21.5
6 20	16 59.65	−15 29.3	2.457	3.448	4.5	21.6
6 30	16 52.55	−15 17.4	2.501	3.445	7.4	21.8
7 10	16 46.81	−15 11.3	2.569	3.442	10.1	22.0

436970 2012 TZ_{174} 6 8.8 37.°16 2.°8/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.37	−29 12.7	1.942	2.753	14.9	21.0
5 11	17 33.09	−29 44.0	1.858	2.753	11.9	20.8
5 21	17 26.20	−30 10.6	1.796	2.753	8.4	20.6
5 31	17 17.28	−30 29.7	1.757	2.754	4.8	20.3
6 10	17 7.32	−30 39.2	1.745	2.754	2.9	20.2
6 20	16 57.44	−30 38.8	1.760	2.755	5.4	20.4
6 30	16 48.81	−30 30.2	1.801	2.756	9.0	20.6
7 10	16 42.31	−30 16.6	1.865	2.756	12.4	20.8

411862 2012 DY_{90} 6 8.8 121.°65 0.°9/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.94	−21 1.3	1.715	2.534	16.2	22.1
5 11	17 35.01	−20 57.4	1.644	2.546	12.7	21.9
5 21	17 27.39	−20 52.9	1.593	2.558	8.7	21.6
5 31	17 17.79	−20 47.4	1.566	2.569	4.2	21.4
6 10	17 7.27	−20 41.1	1.566	2.580	1.1	21.2
6 20	16 57.03	−20 35.0	1.592	2.591	5.3	21.5
6 30	16 48.21	−20 30.7	1.645	2.601	9.6	21.8
7 10	16 41.67	−20 29.8	1.721	2.610	13.3	22.0

467826 2010 OF_{81} 6 8.8 272.°97 4.°1/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.64	−17 24.5	1.612	2.440	16.6	21.5
5 11	17 32.88	−16 19.5	1.515	2.422	13.3	21.2
5 21	17 26.28	−15 11.0	1.439	2.403	9.5	20.9
5 31	17 17.42	−14 2.3	1.386	2.384	5.6	20.6
6 10	17 7.32	−12 57.5	1.359	2.365	4.3	20.5
6 20	16 57.18	−12 1.5	1.357	2.345	7.6	20.7
6 30	16 48.28	−11 18.6	1.381	2.326	12.0	20.9
7 10	16 41.65	−10 51.2	1.425	2.306	16.1	21.1

522517 2016 ES_{234} 6 8.8 168.°98 3.°9/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.38	−13 48.4	1.785	2.602	15.7	21.6
5 11	17 32.92	−13 23.9	1.706	2.604	12.6	21.4
5 21	17 25.97	−13 3.6	1.647	2.606	9.0	21.2
5 31	17 17.13	−12 49.4	1.613	2.608	5.4	21.0
6 10	17 7.38	−12 42.9	1.604	2.609	4.0	20.9
6 20	16 57.76	−12 45.4	1.622	2.610	6.6	21.0
6 30	16 49.36	−12 57.3	1.666	2.611	10.3	21.3
7 10	16 43.00	−13 18.3	1.732	2.611	13.8	21.5

14718 2000 CX_{83} 6 8.8 171.°88 1.°1/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.25	−26 13.7	2.051	2.856	14.4	19.2
5 11	17 35.03	−26 18.7	1.966	2.859	11.4	19.0
5 21	17 27.33	−26 19.7	1.902	2.862	7.9	18.7
5 31	17 17.77	−26 15.1	1.863	2.864	4.0	18.5
6 10	17 7.29	−26 4.2	1.852	2.866	1.2	18.3
6 20	16 56.97	−25 48.0	1.869	2.867	4.7	18.6
6 30	16 47.86	−25 28.4	1.913	2.868	8.6	18.8
7 10	16 40.79	−25 8.5	1.981	2.867	12.0	19.0

250430 2003 WC_{95} 6 8.8 211.°70 1.°7/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.25	−20 45.6	1.754	2.575	15.8	21.3
5 11	17 33.80	−20 13.3	1.667	2.571	12.5	21.1
5 21	17 26.68	−19 38.4	1.601	2.567	8.6	20.9
5 31	17 17.52	−19 1.7	1.559	2.562	4.3	20.6
6 10	17 7.33	−18 25.1	1.544	2.557	1.9	20.4
6 20	16 57.28	−17 51.1	1.555	2.551	5.8	20.7
6 30	16 48.52	−17 22.6	1.592	2.545	10.1	20.9
7 10	16 41.93	−17 2.0	1.652	2.539	13.9	21.1

509920 2009 HU_{37} 6 8.8 79.°38 0.°6/ 8.9 17

5 1	17 35.42	−23 55.7	2.129	2.942	13.7	21.7
5 11	17 31.13	−24 8.8	2.048	2.947	10.7	21.5
5 21	17 24.62	−24 20.1	1.989	2.953	7.3	21.3
5 31	17 16.45	−24 28.6	1.956	2.958	3.6	21.1
6 10	17 7.49	−24 33.6	1.949	2.964	0.7	20.8
6 20	16 58.65	−24 35.3	1.970	2.970	4.4	21.1
6 30	16 50.89	−24 34.8	2.018	2.975	8.0	21.4
7 10	16 44.93	−24 34.0	2.091	2.981	11.3	21.6

225945 2002 BE_{21} 6 8.8 118.°24 13.°4/12.8 18

5 1	18 6.43	−61 59.5	2.326	2.962	17.1	21.2
5 11	17 58.82	−63 53.9	2.272	2.981	15.9	21.1
5 21	17 45.51	−65 28.4	2.235	2.998	14.8	21.1
5 31	17 27.18	−66 32.8	2.217	3.016	13.9	21.0
6 10	17 5.99	−66 59.2	2.219	3.032	13.4	21.0
6 20	16 45.05	−66 45.4	2.241	3.049	13.6	21.1
6 30	16 27.41	−65 56.3	2.284	3.064	14.1	21.1
7 10	16 14.97	−64 41.8	2.345	3.079	15.0	21.2

473264 2015 MT_{35} 6 8.8 333.°85 3.°4/ 8.3 17

5 1	17 34.06	−13 56.9	1.940	2.759	14.6	20.9
5 11	17 30.20	−13 46.4	1.857	2.757	11.6	20.7
5 21	17 24.07	−13 40.4	1.794	2.755	8.2	20.4
5 31	17 16.23	−13 40.4	1.756	2.753	4.9	20.2
6 10	17 7.53	−13 47.3	1.745	2.751	3.4	20.1
6 20	16 58.90	−14 1.5	1.759	2.750	5.9	20.3
6 30	16 51.31	−14 23.1	1.800	2.748	9.5	20.5
7 10	16 45.54	−14 51.7	1.864	2.747	12.8	20.7

212721 2007 RX_{134} 6 8.8 247.°15 4.°7/ 7.9 17

5 1	17 37.19	−13 57.8	1.576	2.402	17.1	20.6
5 11	17 33.27	−13 17.3	1.489	2.392	13.7	20.3
5 21	17 26.52	−12 39.6	1.422	2.383	9.9	20.1
5 31	17 17.53	−12 7.8	1.377	2.373	6.2	19.9
6 10	17 7.34	−11 45.0	1.358	2.362	4.9	19.7
6 20	16 57.18	−11 33.5	1.364	2.351	7.7	19.9
6 30	16 48.30	−11 34.8	1.395	2.341	11.9	20.1
7 10	16 41.70	−11 49.2	1.447	2.329	15.8	20.3

245619 2005 WA_{144} 6 8.8 148.°08 0.°0/ 8.7 16

5 1	17 40.99	−24 3.5	1.519	2.344	17.7	22.0
5 11	17 36.34	−23 50.8	1.444	2.350	13.9	21.7
5 21	17 28.58	−23 33.9	1.388	2.355	9.5	21.5
5 31	17 18.47	−23 12.1	1.356	2.360	4.6	21.2
6 10	17 7.24	−22 45.9	1.349	2.364	0.6	20.9
6 20	16 56.30	−22 17.4	1.369	2.368	5.8	21.3
6 30	16 46.98	−21 49.8	1.413	2.372	10.6	21.6
7 10	16 40.28	−21 26.8	1.479	2.375	14.7	21.9

240774 2005 RM_{45} 6 8.8 189.°22 1.°3/ 9.1 18

5 1	17 35.59	−26 34.2	3.006	3.798	10.6	21.7
5 11	17 30.68	−26 55.6	2.910	3.796	8.4	21.5
5 21	17 24.04	−27 14.7	2.839	3.795	5.8	21.3
5 31	17 16.13	−27 30.0	2.794	3.793	3.0	21.1
6 10	17 7.56	−27 40.7	2.778	3.790	1.3	21.0
6 20	16 59.01	−27 46.6	2.792	3.788	3.5	21.2
6 30	16 51.20	−27 48.4	2.834	3.784	6.3	21.3
7 10	16 44.71	−27 47.6	2.902	3.781	8.9	21.5

106063 2000 SR_{319} 6 8.8 194.°17 5.°2/ 9.9 18

5 1	17 39.90	−41 17.1	3.117	3.866	11.2	19.5
5 11	17 34.36	−42 2.2	3.023	3.863	9.4	19.4
5 21	17 26.72	−42 38.8	2.950	3.860	7.5	19.2
5 31	17 17.47	−43 3.4	2.904	3.857	5.9	19.1
6 10	17 7.38	−43 13.8	2.884	3.853	5.2	19.1
6 20	16 57.29	−43 9.4	2.893	3.848	5.9	19.1
6 30	16 48.10	−42 51.5	2.928	3.843	7.6	19.2
7 10	16 40.55	−42 23.4	2.989	3.838	9.5	19.3

394262 2006 UW_{72} 6 8.8 242.°18 4.°7/ 9.8 18

5 1	17 38.28	−36 19.1	2.399	3.181	13.2	21.6
5 11	17 33.58	−36 55.2	2.303	3.173	10.9	21.4
5 21	17 26.45	−37 23.3	2.228	3.164	8.3	21.2
5 31	17 17.43	−37 39.9	2.177	3.155	5.9	21.0
6 10	17 7.39	−37 42.7	2.154	3.146	4.7	21.0
6 20	16 57.36	−37 31.0	2.157	3.137	6.0	21.0
6 30	16 48.39	−37 6.9	2.188	3.127	8.5	21.2
7 10	16 41.35	−36 34.2	2.242	3.117	11.2	21.3

375942 2009 WB_{104} 6 8.8 94.°36 6.°6/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 43.06	−37 14.6	1.840	2.629	16.4	20.6
5 11	17 38.04	−38 23.8	1.768	2.640	13.5	20.4
5 21	17 29.83	−39 23.7	1.717	2.651	10.5	20.3
5 31	17 19.13	−40 8.1	1.690	2.662	7.8	20.1
6 10	17 7.16	−40 32.5	1.688	2.673	6.6	20.1
6 20	16 55.37	−40 35.6	1.712	2.684	7.9	20.2
6 30	16 45.20	−40 20.3	1.760	2.695	10.5	20.3
7 10	16 37.69	−39 52.0	1.832	2.705	13.4	20.6

253868 2004 BN_3 6 8.8 89.°46 0.°7/ 8.7 17

5 1	17 39.10	−21 13.7	1.605	2.430	16.9	20.6
5 11	17 34.53	−21 13.5	1.538	2.444	13.2	20.3
5 21	17 27.16	−21 12.9	1.491	2.458	9.0	20.1
5 31	17 17.73	−21 11.2	1.468	2.472	4.3	19.9
6 10	17 7.37	−21 8.6	1.471	2.486	1.0	19.7
6 20	16 57.33	−21 5.8	1.500	2.499	5.5	20.0
6 30	16 48.80	−21 4.2	1.554	2.513	9.8	20.3
7 10	16 42.64	−21 5.8	1.631	2.526	13.7	20.6

124216 2001 PZ_4 6 8.8 3.°88 4.°2/ 8.1 18

5 1	17 30.86	−17 27.8	0.973	1.846	21.7	18.7
5 11	17 29.62	−16 46.9	0.912	1.844	17.2	18.4
5 21	17 24.66	−16 7.0	0.867	1.844	12.1	18.1
5 31	17 16.79	−15 32.1	0.842	1.845	6.7	17.9
6 10	17 7.48	−15 6.0	0.837	1.847	4.4	17.7
6 20	16 58.46	−14 52.1	0.852	1.851	8.6	18.0
6 30	16 51.39	−14 52.4	0.888	1.856	14.0	18.3
7 10	16 47.46	−15 6.9	0.942	1.862	18.8	18.6

115493 2003 UP_{23} 6 8.8 108.°75 0.°2/ 8.9 18

5 1	17 40.58	−23 50.1	1.685	2.503	16.5	20.8
5 11	17 35.60	−23 50.3	1.617	2.518	12.9	20.6
5 21	17 27.84	−23 47.6	1.568	2.533	8.8	20.4
5 31	17 18.04	−23 41.0	1.544	2.548	4.2	20.2
6 10	17 7.34	−23 30.4	1.546	2.561	0.6	19.9
6 20	16 56.97	−23 16.8	1.575	2.575	5.2	20.3
6 30	16 48.12	−23 2.6	1.630	2.588	9.5	20.6
7 10	16 41.63	−22 50.4	1.708	2.601	13.3	20.8

126463 2002 CW_{37} 6 8.8 172.°82 3.°4/ 8.2 18

5 1	17 36.80	−13 9.5	2.235	3.038	13.4	20.7
5 11	17 31.95	−12 54.1	2.151	3.041	10.7	20.6
5 21	17 25.06	−12 42.8	2.088	3.043	7.6	20.4
5 31	17 16.66	−12 36.9	2.052	3.045	4.6	20.2
6 10	17 7.52	−12 37.6	2.043	3.047	3.5	20.1
6 20	16 58.48	−12 45.3	2.062	3.047	5.6	20.2
6 30	16 50.40	−13 0.5	2.108	3.048	8.8	20.4
7 10	16 43.96	−13 22.6	2.178	3.048	11.7	20.6

443138 2014 BE_{25} 6 8.8 216.°35 15.°9/ 9.1 18

5 1	17 43.12	+10 58.3	1.370	2.128	22.4	20.8
5 11	17 38.25	+11 55.7	1.299	2.123	20.3	20.6
5 21	17 30.10	+12 25.9	1.243	2.117	18.1	20.4
5 31	17 19.33	+12 18.8	1.205	2.111	16.4	20.3
6 10	17 7.15	+11 28.3	1.187	2.104	15.9	20.3
6 20	16 55.03	+ 9 53.7	1.190	2.096	16.7	20.3
6 30	16 44.45	+ 7 40.6	1.213	2.088	18.7	20.4
7 10	16 36.55	+ 4 59.3	1.256	2.079	21.3	20.5

401996 2003 FJ_{95} 6 8.8 84.°32 7.°8/ 6.4 17

5 1	17 33.00	− 1 32.5	2.296	3.079	13.7	21.2
5 11	17 28.71	− 0 17.1	2.237	3.097	11.5	21.1
5 21	17 22.67	+ 0 48.4	2.200	3.114	9.5	21.0
5 31	17 15.43	+ 1 39.7	2.188	3.132	8.1	20.9
6 10	17 7.70	+ 2 13.5	2.201	3.149	7.9	21.0
6 20	17 0.20	+ 2 28.4	2.239	3.166	9.0	21.1
6 30	16 53.63	+ 2 24.4	2.302	3.183	10.8	21.2
7 10	16 48.53	+ 2 3.5	2.387	3.199	12.7	21.4

374992 2007 EY_{180} 6 8.8 111.°57 5.°3/ 7.4 17

5 1	17 36.34	−11 28.1	1.909	2.721	15.1	21.5
5 11	17 31.74	−10 28.0	1.841	2.733	12.1	21.3
5 21	17 24.95	− 9 32.0	1.794	2.746	8.9	21.2
5 31	17 16.59	− 8 43.7	1.772	2.758	6.2	21.0
6 10	17 7.55	− 8 6.3	1.776	2.769	5.4	21.0
6 20	16 58.79	− 7 42.3	1.807	2.781	7.4	21.1
6 30	16 51.19	− 7 32.6	1.863	2.792	10.4	21.3
7 10	16 45.46	− 7 36.8	1.942	2.802	13.3	21.6

179279 2001 UX_{222} 6 8.8 188.°22 6.°1/ 7.2 18

5 1	17 32.72	− 3 54.7	2.602	3.386	12.2	21.4
5 11	17 28.45	− 3 13.9	2.519	3.385	10.2	21.2
5 21	17 22.52	− 2 40.8	2.458	3.384	8.1	21.1
5 31	17 15.40	− 2 18.4	2.423	3.383	6.5	21.0
6 10	17 7.70	− 2 8.9	2.414	3.382	6.1	20.9
6 20	17 0.09	− 2 13.2	2.431	3.380	7.3	21.0
6 30	16 53.22	− 2 31.4	2.475	3.377	9.3	21.1
7 10	16 47.66	− 3 2.0	2.542	3.375	11.4	21.3

187433 2005 WG_{30} 6 8.8 286°.89 1°.7/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.16	−26 27.7	2.327	3.134	12.8	20.4
5 11	17 30.99	−26 58.8	2.230	3.124	10.2	20.2
5 21	17 24.62	−27 28.0	2.155	3.115	7.1	20.0
5 31	17 16.55	−27 53.2	2.105	3.105	3.8	19.7
6 10	17 7.54	−28 13.0	2.083	3.096	1.8	19.6
6 20	16 58.48	−28 26.5	2.089	3.086	4.5	19.7
6 30	16 50.31	−28 34.5	2.122	3.076	7.9	19.9
7 10	16 43.84	−28 38.6	2.180	3.067	11.0	20.1

116878 2004 FX_{114} 6 8.8 328°.72 0°.9/ 8.6 18

5 1	17 33.27	−20 37.5	1.912	2.737	14.5	20.2
5 11	17 29.76	−20 33.9	1.824	2.730	11.5	20.0
5 21	17 23.90	−20 30.0	1.757	2.723	7.9	19.8
5 31	17 16.21	−20 26.0	1.713	2.717	3.8	19.5
6 10	17 7.58	−20 22.2	1.697	2.711	1.1	19.3
6 20	16 59.01	−20 19.2	1.706	2.705	5.0	19.5
6 30	16 51.50	−20 18.4	1.742	2.700	9.0	19.8
7 10	16 45.89	−20 21.1	1.800	2.695	12.6	20.0

164756 1998 VR_{35} 6 8.8 275°.22 1°.4/ 8.4 18

5 1	17 35.92	−20 53.7	2.183	2.994	13.4	20.7
5 11	17 31.69	−20 27.5	2.069	2.968	10.7	20.4
5 21	17 25.18	−19 58.6	1.977	2.941	7.4	20.2
5 31	17 16.86	−19 27.6	1.911	2.913	3.7	19.9
6 10	17 7.49	−18 55.6	1.872	2.885	1.5	19.7
6 20	16 58.02	−18 24.6	1.861	2.857	5.0	19.8
6 30	16 49.41	−17 56.9	1.877	2.828	8.9	20.0
7 10	16 42.52	−17 34.8	1.917	2.799	12.5	20.2

338860 2003 YN_{105} 6 8.8 212°.73 2°.4/ 8.4 18

5 1	17 35.81	−15 1.8	2.544	3.343	12.1	21.5
5 11	17 31.04	−14 56.6	2.446	3.336	9.6	21.3
5 21	17 24.41	−14 54.4	2.372	3.328	6.7	21.1
5 31	17 16.36	−14 55.8	2.323	3.320	3.8	20.9
6 10	17 7.58	−15 1.4	2.303	3.311	2.5	20.8
6 20	16 58.79	−15 11.4	2.312	3.302	4.7	20.9
6 30	16 50.79	−15 26.1	2.349	3.292	7.8	21.1
7 10	16 44.22	−15 45.8	2.411	3.282	10.7	21.3

118436 1999 TU_{275} 6 8.8 135°.77 1°.9/ 8.3 18

5 1	17 32.95	−17 59.0	2.473	3.283	12.1	20.2
5 11	17 28.78	−17 36.5	2.389	3.286	9.5	20.0
5 21	17 22.82	−17 14.3	2.328	3.290	6.5	19.8
5 31	17 15.56	−16 53.4	2.293	3.293	3.5	19.6
6 10	17 7.69	−16 35.0	2.285	3.296	2.0	19.5
6 20	16 59.95	−16 20.1	2.306	3.299	4.5	19.7
6 30	16 53.07	−16 10.1	2.353	3.301	7.6	19.9
7 10	16 47.63	−16 5.8	2.426	3.304	10.4	20.1

200341 2000 HU_{93} 6 8.8 72°.54 4°.0/ 9.1 17

5 1	17 41.46	−28 35.7	1.352	2.182	19.2	20.2
5 11	17 37.51	−29 32.0	1.281	2.186	15.4	20.0
5 21	17 29.89	−30 25.0	1.227	2.190	11.0	19.7
5 31	17 19.32	−31 9.2	1.196	2.194	6.4	19.5
6 10	17 7.17	−31 39.7	1.189	2.198	4.0	19.4
6 20	16 55.17	−31 54.6	1.207	2.202	7.2	19.5
6 30	16 45.01	−31 55.9	1.248	2.206	11.7	19.8
7 10	16 37.97	−31 48.6	1.310	2.211	15.9	20.1

485908 2012 GN 6 8.8 87°.39 21°.0/ 9.2 18

5 1	17 39.33	+15 34.1	1.093	1.862	26.4	20.9
5 11	17 35.59	+17 29.0	1.052	1.870	24.4	20.8
5 21	17 28.32	+18 48.2	1.025	1.878	22.6	20.7
5 31	17 18.40	+19 19.1	1.011	1.886	21.4	20.6
6 10	17 7.32	+18 54.4	1.012	1.893	21.0	20.6
6 20	16 56.67	+17 34.0	1.030	1.901	21.5	20.7
6 30	16 47.97	+15 24.8	1.063	1.909	22.9	20.8
7 10	16 42.27	+12 39.6	1.112	1.916	24.6	21.0

356879 2011 WJ_{126} 6 8.8 174°.65 0°.8/ 8.6 18

5 1	17 33.97	−22 8.9	2.577	3.383	11.8	20.8
5 11	17 29.54	−21 44.0	2.488	3.384	9.2	20.6
5 21	17 23.31	−21 16.5	2.422	3.385	6.3	20.5
5 31	17 15.80	−20 47.1	2.383	3.386	3.0	20.2
6 10	17 7.67	−20 16.8	2.372	3.386	0.9	20.1
6 20	16 59.69	−19 47.0	2.390	3.386	4.0	20.3
6 30	16 52.56	−19 19.7	2.435	3.387	7.2	20.5
7 10	16 46.89	−18 56.6	2.506	3.386	10.0	20.7

470876 2009 BG_{28} 6 8.8 206°.70 1°.2/ 9.1 17

5 1	17 36.58	−26 47.4	2.243	3.049	13.3	22.4
5 11	17 32.04	−26 50.4	2.152	3.046	10.5	22.3
5 21	17 25.28	−26 49.1	2.082	3.043	7.3	22.0
5 31	17 16.83	−26 42.4	2.038	3.039	3.7	21.8
6 10	17 7.55	−26 29.8	2.022	3.036	1.3	21.6
6 20	16 58.35	−26 12.1	2.033	3.032	4.4	21.8
6 30	16 50.19	−25 51.3	2.072	3.028	7.9	22.0
7 10	16 43.81	−25 29.9	2.135	3.023	11.2	22.2

79784 1998 UM_{42} 6 8.8 238°.82 0°.5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.39	−22 14.8	1.949	2.762	14.7	20.4
5 11	17 33.85	−22 7.8	1.850	2.750	11.7	20.1
5 21	17 26.76	−21 58.8	1.772	2.737	8.0	19.9
5 31	17 17.65	−21 47.5	1.720	2.723	3.9	19.6
6 10	17 7.44	−21 34.1	1.694	2.709	0.8	19.3
6 20	16 57.20	−21 19.4	1.695	2.694	5.1	19.6
6 30	16 48.05	−21 5.5	1.723	2.679	9.3	19.8
7 10	16 40.91	−20 54.6	1.775	2.663	13.1	20.0

89818 Jureskvarc 6 8.8 142°.20 5°.9/ 7.9 17

5 1	17 35.62	− 8 32.3	1.809	2.621	15.8	20.2
5 11	17 31.49	− 8 1.6	1.732	2.623	12.8	20.0
5 21	17 24.99	− 7 39.0	1.676	2.625	9.7	19.9
5 31	17 16.72	− 7 27.6	1.643	2.627	6.8	19.7
6 10	17 7.58	− 7 29.6	1.636	2.628	6.0	19.6
6 20	16 58.58	− 7 45.9	1.655	2.630	7.9	19.7
6 30	16 50.71	− 8 15.9	1.698	2.631	10.9	19.9
7 10	16 44.76	− 8 57.9	1.764	2.633	14.1	20.1

248644 2006 HH_2 6 8.8 348°.06 3°.9/ 8.7 17

5 1	17 31.67	−14 16.2	1.080	1.942	20.7	19.4
5 11	17 30.14	−14 20.5	1.008	1.933	16.7	19.1
5 21	17 25.07	−14 34.4	0.953	1.926	11.8	18.8
5 31	17 17.10	−14 59.6	0.918	1.920	6.6	18.5
6 10	17 7.52	−15 36.6	0.904	1.915	4.0	18.4
6 20	16 57.95	−16 24.0	0.912	1.912	8.0	18.6
6 30	16 50.08	−17 19.8	0.941	1.909	13.3	18.8
7 10	16 45.20	−18 21.5	0.989	1.909	18.2	19.1

144887 2004 RD_{165} 6 8.8 119°.07 2°.8/ 9.8 18

5 1	17 36.22	−33 1.2	2.460	3.252	12.6	20.1
5 11	17 31.56	−32 56.9	2.374	3.256	10.2	19.9
5 21	17 24.81	−32 44.3	2.311	3.260	7.3	19.7
5 31	17 16.56	−32 21.9	2.272	3.264	4.4	19.5
6 10	17 7.63	−31 49.6	2.261	3.268	2.8	19.4
6 20	16 58.91	−31 8.6	2.278	3.272	4.5	19.6
6 30	16 51.25	−30 21.8	2.323	3.275	7.4	19.7
7 10	16 45.34	−29 33.0	2.393	3.279	10.2	19.9

90792 1994 PC_{33} 6 8.8 283°.17 2°.4/ 9.3 17

5 1	17 38.46	−28 28.4	1.393	2.226	18.6	19.8
5 11	17 35.14	−28 35.3	1.305	2.213	14.9	19.5
5 21	17 28.32	−28 35.1	1.235	2.201	10.6	19.2
5 31	17 18.63	−28 24.7	1.187	2.188	5.7	18.9
6 10	17 7.33	−28 2.6	1.163	2.176	2.4	18.7
6 20	16 56.03	−27 29.9	1.163	2.164	6.5	18.9
6 30	16 46.37	−26 50.7	1.187	2.151	11.6	19.1
7 10	16 39.62	−26 10.7	1.232	2.139	16.3	19.4

398708 2012 XD_{53} 6 8.8 259°.53 1°.7/ 9.4 17

5 1	17 35.62	−29 11.2	2.216	3.022	13.4	20.7
5 11	17 31.31	−29 2.1	2.127	3.020	10.7	20.5
5 21	17 24.78	−28 46.2	2.060	3.019	7.5	20.3
5 31	17 16.61	−28 22.6	2.018	3.018	4.0	20.1
6 10	17 7.65	−27 51.3	2.004	3.016	1.7	19.9
6 20	16 58.85	−27 13.9	2.017	3.015	4.4	20.1
6 30	16 51.14	−26 33.2	2.057	3.013	7.9	20.3
7 10	16 45.25	−25 52.6	2.121	3.012	11.1	20.5

251309 2006 YQ_6 6 8.8 107°.66 3°.3/ 9.9 18

5 1	17 36.56	−34 2.8	2.421	3.211	12.9	20.3
5 11	17 31.92	−34 9.8	2.337	3.216	10.4	20.1
5 21	17 25.12	−34 8.4	2.275	3.221	7.6	20.0
5 31	17 16.74	−33 56.5	2.238	3.226	4.8	19.8
6 10	17 7.64	−33 33.6	2.228	3.231	3.3	19.7
6 20	16 58.75	−33 0.6	2.246	3.236	4.9	19.8
6 30	16 50.94	−32 20.0	2.291	3.241	7.6	20.0
7 10	16 44.94	−31 35.8	2.361	3.246	10.4	20.2

510604 2012 TK_{33} 6 8.8 262°.92 3°.2/ 9.5 17

5 1	17 37.57	−31 19.3	1.969	2.775	14.9	21.3
5 11	17 33.34	−31 38.6	1.879	2.770	12.0	21.1
5 21	17 26.45	−31 51.0	1.811	2.765	8.6	20.9
5 31	17 17.52	−31 53.7	1.766	2.761	5.2	20.7
6 10	17 7.53	−31 45.1	1.748	2.756	3.2	20.5
6 20	16 57.62	−31 25.4	1.757	2.751	5.5	20.7
6 30	16 48.95	−30 57.2	1.791	2.746	9.0	20.9
7 10	16 42.43	−30 24.5	1.849	2.741	12.5	21.1

380822 2005 YD_{168} 6 8.8 212°.44 0°.9/ 8.6 17

5 1	17 37.25	−21 17.5	2.125	2.935	13.8	22.3
5 11	17 32.63	−21 5.0	2.032	2.930	10.9	22.1
5 21	17 25.73	−20 50.9	1.961	2.924	7.4	21.8
5 31	17 17.11	−20 35.4	1.915	2.918	3.6	21.6
6 10	17 7.59	−20 19.1	1.897	2.911	1.1	21.4
6 20	16 58.14	−20 3.1	1.906	2.904	4.7	21.6
6 30	16 49.72	−19 49.1	1.943	2.896	8.5	21.8
7 10	16 43.11	−19 38.9	2.004	2.888	12.0	22.0

443416 2014 HJ_{70} 6 8.8 42°.71 0°.8/ 8.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.72	−20 53.7	2.075	2.894	13.8	22.0
5 11	17 29.80	−20 49.1	1.998	2.901	10.8	21.8
5 21	17 23.74	−20 43.9	1.942	2.908	7.3	21.6
5 31	17 16.10	−20 38.3	1.911	2.915	3.6	21.4
6 10	17 7.73	−20 32.6	1.908	2.922	1.0	21.2
6 20	16 59.53	−20 27.5	1.931	2.930	4.5	21.5
6 30	16 52.37	−20 24.3	1.981	2.937	8.2	21.7
7 10	16 46.98	−20 24.2	2.055	2.945	11.4	21.9

126501 2002 CT_{62} 6 8.9 2°.33 3°.5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.96	−12 30.3	1.767	2.584	15.9	19.5
5 11	17 32.75	−12 41.1	1.686	2.584	12.7	19.2
5 21	17 26.00	−12 59.7	1.625	2.584	9.0	19.0
5 31	17 17.30	−13 26.9	1.588	2.584	5.3	18.8
6 10	17 7.57	−14 2.7	1.577	2.584	3.6	18.7
6 20	16 57.90	−14 45.8	1.592	2.584	6.2	18.9
6 30	16 49.38	−15 35.1	1.634	2.585	10.1	19.1
7 10	16 42.91	−16 29.1	1.698	2.585	13.6	19.3

71262 2000 AR_{23} 6 8.9 163°.26 0°.5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.79	−23 42.0	2.052	2.865	14.1	19.4
5 11	17 32.38	−23 56.3	1.967	2.866	11.1	19.2
5 21	17 25.61	−24 9.1	1.904	2.867	7.6	19.0
5 31	17 17.06	−24 19.2	1.865	2.868	3.7	18.8
6 10	17 7.61	−24 25.8	1.854	2.869	0.7	18.6
6 20	16 58.24	−24 29.0	1.871	2.870	4.6	18.8
6 30	16 49.97	−24 29.8	1.914	2.871	8.4	19.1
7 10	16 43.60	−24 30.2	1.981	2.871	11.8	19.3

67029 1999 XH_{166} 6 8.9 289°.12 3°.4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.86	−32 43.4	1.871	2.678	15.5	18.3
5 11	17 33.93	−32 42.5	1.764	2.655	12.6	18.0
5 21	17 27.09	−32 31.5	1.678	2.632	9.2	17.7
5 31	17 17.94	−32 7.5	1.614	2.609	5.5	17.5
6 10	17 7.48	−31 29.3	1.577	2.585	3.4	17.3
6 20	16 56.96	−30 37.9	1.566	2.562	5.8	17.4
6 30	16 47.70	−29 37.3	1.581	2.538	9.8	17.6
7 10	16 40.75	−28 33.4	1.619	2.515	13.7	17.7

390856 2004 RR_{218} 6 8.9 331°.86 8°.7/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.72	−10 23.3	1.654	2.485	16.2	19.8
5 11	17 28.09	− 8 1.1	1.558	2.458	13.4	19.6
5 21	17 22.98	− 5 34.5	1.485	2.433	10.7	19.4
5 31	17 15.90	− 3 11.8	1.436	2.409	8.9	19.2
6 10	17 7.77	− 1 2.5	1.413	2.385	9.2	19.2
6 20	16 59.60	+ 0 44.9	1.415	2.363	11.5	19.2
6 30	16 52.51	+ 2 4.4	1.440	2.341	14.7	19.4
7 10	16 47.38	+ 2 54.5	1.484	2.321	17.9	19.5

405731 2005 YS_{7} 6 8.9 203°.96 1°.2/ 8.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 41.36	−19 48.9	1.737	2.551	16.2	22.6
5 11	17 36.42	−19 48.4	1.647	2.547	12.8	22.4
5 21	17 28.65	−19 48.6	1.578	2.542	8.8	22.1
5 31	17 18.63	−19 49.1	1.534	2.537	4.4	21.8
6 10	17 7.42	−19 49.9	1.516	2.530	1.4	21.6
6 20	16 56.23	−19 51.4	1.525	2.523	5.6	21.9
6 30	16 46.32	−19 54.9	1.561	2.515	10.1	22.1
7 10	16 38.70	−20 1.8	1.619	2.506	14.1	22.3

178308 1994 PP_{32} 6 8.9 335°.27 2°.7/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.05	−18 6.9	1.767	2.600	15.2	19.8
5 11	17 28.23	−17 35.5	1.678	2.588	12.1	19.5
5 21	17 22.99	−17 3.9	1.609	2.576	8.4	19.3
5 31	17 15.88	−16 33.8	1.564	2.566	4.6	19.0
6 10	17 7.79	−16 7.2	1.545	2.555	2.8	18.9
6 20	16 59.75	−15 46.4	1.551	2.546	6.0	19.1
6 30	16 52.81	−15 33.3	1.582	2.537	10.0	19.3
7 10	16 47.80	−15 29.1	1.635	2.529	13.7	19.5

377591 2005 ON_{11} 6 8.9 335°.72 13°.1/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.67	−47 27.6	1.263	2.063	21.9	19.8
5 11	17 35.46	−48 42.1	1.183	2.047	19.4	19.6
5 21	17 29.55	−49 36.3	1.119	2.031	16.7	19.4
5 31	17 19.57	−49 59.0	1.072	2.017	14.4	19.2
6 10	17 7.28	−49 41.8	1.045	2.004	13.2	19.1
6 20	16 55.08	−48 41.9	1.037	1.993	13.8	19.1
6 30	16 45.42	−47 5.4	1.049	1.982	16.1	19.2
7 10	16 39.96	−45 5.2	1.079	1.973	19.1	19.3

433608 2013 YG_{81} 6 8.9 233°.88 0°.9/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.39	−20 5.9	2.028	2.842	14.2	21.3
5 11	17 32.11	−20 11.3	1.937	2.837	11.2	21.1
5 21	17 25.48	−20 17.5	1.868	2.832	7.7	20.9
5 31	17 17.04	−20 24.1	1.824	2.827	3.8	20.6
6 10	17 7.65	−20 30.9	1.806	2.821	1.0	20.4
6 20	16 58.29	−20 38.1	1.817	2.815	4.8	20.7
6 30	16 49.96	−20 46.3	1.854	2.809	8.7	20.9
7 10	16 43.49	−20 56.8	1.915	2.803	12.2	21.1

438058 2004 RF_{20} 6 8.9 279°.91 4°.3/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.72	− 9 6.0	2.571	3.366	12.1	21.7
5 11	17 29.54	− 8 51.4	2.457	3.339	9.9	21.5
5 21	17 23.53	− 8 42.7	2.366	3.311	7.4	21.3
5 31	17 16.07	− 8 41.7	2.300	3.284	5.1	21.1
6 10	17 7.78	− 8 49.9	2.262	3.256	4.4	21.0
6 20	16 59.35	− 9 7.9	2.252	3.228	6.0	21.1
6 30	16 51.56	− 9 35.8	2.269	3.199	8.7	21.2
7 10	16 45.08	−10 12.7	2.310	3.170	11.5	21.3

371615 2006 XW_{41} 6 8.9 208°.52 0°.8/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.94	−20 51.7	2.096	2.904	14.0	22.1
5 11	17 34.03	−20 51.0	2.002	2.898	11.1	21.9
5 21	17 26.76	−20 49.8	1.929	2.892	7.6	21.7
5 31	17 17.65	−20 47.9	1.882	2.885	3.7	21.4
6 10	17 7.58	−20 45.2	1.863	2.877	0.9	21.2
6 20	16 57.54	−20 42.3	1.871	2.869	4.8	21.5
6 30	16 48.53	−20 40.3	1.907	2.860	8.7	21.7
7 10	16 41.39	−20 40.8	1.967	2.851	12.2	21.9

401086 2011 UE_{131} 6 8.9 239°.40 5°.1/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.53	−11 11.8	2.410	3.213	12.6	20.9
5 11	17 29.28	− 9 54.6	2.321	3.207	10.2	20.7
5 21	17 23.22	− 8 38.9	2.255	3.201	7.7	20.5
5 31	17 15.85	− 7 28.3	2.215	3.195	5.6	20.4
6 10	17 7.85	− 6 26.5	2.203	3.189	5.2	20.4
6 20	16 59.94	− 5 36.5	2.219	3.183	6.9	20.5
6 30	16 52.88	− 5 0.5	2.261	3.177	9.5	20.6
7 10	16 47.25	− 4 38.9	2.327	3.170	12.0	20.8

425908 2011 FM_{126} 6 8.9 95°.61 2°.8/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.23	−28 26.5	1.798	2.610	15.9	21.6
5 11	17 35.48	−29 3.2	1.726	2.621	12.6	21.4
5 21	17 27.92	−29 35.5	1.674	2.632	8.9	21.2
5 31	17 18.24	−30 0.2	1.646	2.644	5.0	21.0
6 10	17 7.54	−30 15.0	1.645	2.655	2.8	20.9
6 20	16 57.04	−30 19.3	1.670	2.666	5.5	21.1
6 30	16 47.96	−30 15.1	1.721	2.677	9.3	21.3
7 10	16 41.23	−30 5.7	1.796	2.687	12.8	21.6

420196 2011 GR_{67} 6 8.9 356°.34 12°.0/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.24	+ 3 43.3	1.451	2.253	19.4	19.7
5 11	17 29.43	+ 4 28.6	1.383	2.249	17.0	19.5
5 21	17 23.93	+ 4 53.2	1.333	2.246	14.5	19.3
5 31	17 16.37	+ 4 50.1	1.301	2.244	12.6	19.2
6 10	17 7.77	+ 4 15.3	1.291	2.242	12.0	19.1
6 20	16 59.29	+ 3 9.0	1.303	2.242	13.0	19.2
6 30	16 52.10	+ 1 34.8	1.336	2.243	15.3	19.3
7 10	16 47.11	− 0 20.2	1.389	2.245	17.9	19.5

125260 2001 UF_{220} 6 8.9 90°.88 0°.8/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.19	−25 2.3	1.387	2.221	18.5	20.4
5 11	17 35.41	−25 5.0	1.312	2.222	14.7	20.1
5 21	17 28.28	−25 3.5	1.255	2.224	10.1	19.9
5 31	17 18.55	−24 56.4	1.221	2.225	5.0	19.6
6 10	17 7.50	−24 42.9	1.211	2.226	1.0	19.3
6 20	16 56.65	−24 24.4	1.226	2.227	6.1	19.7
6 30	16 47.51	−24 3.8	1.265	2.228	11.1	19.9
7 10	16 41.17	−23 45.2	1.325	2.230	15.5	20.2

70268 1999 RK_{97} 6 8.9 138°.44 0°.6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 41.09	−25 5.6	1.871	2.680	15.4	20.1
5 11	17 35.85	−25 4.7	1.795	2.691	12.1	19.9
5 21	17 28.00	−25 0.0	1.740	2.702	8.3	19.7
5 31	17 18.22	−24 50.2	1.710	2.712	4.1	19.5
6 10	17 7.55	−24 35.2	1.707	2.722	0.8	19.3
6 20	16 57.15	−24 16.3	1.731	2.730	4.9	19.6
6 30	16 48.11	−23 55.7	1.782	2.739	9.0	19.8
7 10	16 41.28	−23 36.4	1.857	2.746	12.5	20.1

192749 1999 TN_{251} 6 8.9 202°.34 2°.0/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.41	−29 4.3	2.319	3.117	13.2	21.0
5 11	17 33.49	−29 11.2	2.225	3.113	10.5	20.8
5 21	17 26.31	−29 12.5	2.153	3.109	7.4	20.6
5 31	17 17.41	−29 6.7	2.107	3.104	4.0	20.3
6 10	17 7.65	−28 52.9	2.088	3.099	2.0	20.2
6 20	16 57.97	−28 31.8	2.097	3.094	4.5	20.4
6 30	16 49.34	−28 5.5	2.134	3.088	7.9	20.6
7 10	16 42.51	−27 37.1	2.196	3.081	11.0	20.7

265659 2005 TK_{186} 6 8.9 21°.80 2°.2/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.01	−26 36.5	1.377	2.216	18.4	20.1
5 11	17 32.93	−27 3.5	1.308	2.221	14.6	19.8
5 21	17 26.59	−27 26.7	1.259	2.227	10.2	19.6
5 31	17 17.72	−27 43.1	1.231	2.233	5.3	19.3
6 10	17 7.61	−27 50.7	1.227	2.240	2.3	19.2
6 20	16 57.74	−27 49.5	1.248	2.248	6.1	19.4
6 30	16 49.55	−27 41.8	1.292	2.257	10.8	19.7
7 10	16 44.11	−27 31.4	1.357	2.266	14.9	20.0

149429 2003 BF_{48} 6 8.9 83°.56 2°.9/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.98	−14 48.5	2.246	3.054	13.2	20.6
5 11	17 30.41	−14 27.0	2.180	3.075	10.4	20.4
5 21	17 23.95	−14 8.4	2.137	3.095	7.3	20.2
5 31	17 16.17	−13 54.1	2.119	3.115	4.2	20.1
6 10	17 7.84	−13 45.2	2.129	3.135	3.0	20.0
6 20	16 59.76	−13 42.5	2.166	3.154	5.2	20.2
6 30	16 52.69	−13 46.6	2.230	3.174	8.2	20.4
7 10	16 47.22	−13 57.4	2.319	3.193	10.9	20.6

8791 1978 VG_{11} 6 8.9 265°.39 0°.9/ 8.9 18

5 1	17 37.99	−24 26.4	2.064	2.874	14.1	18.8
5 11	17 33.63	−24 46.5	1.957	2.854	11.3	18.5
5 21	17 26.73	−25 5.5	1.872	2.834	7.8	18.3
5 31	17 17.77	−25 21.5	1.811	2.813	3.9	18.0
6 10	17 7.61	−25 33.4	1.778	2.792	1.0	17.7
6 20	16 57.27	−25 40.4	1.772	2.771	4.8	18.0
6 30	16 47.89	−25 43.4	1.793	2.749	8.9	18.2
7 10	16 40.42	−25 44.6	1.838	2.727	12.6	18.3

40302 1999 JD_{98} 6 8.9 236°.53 2°.9/ 8.6 18

5 1	17 37.85	−13 46.7	2.070	2.876	14.2	19.0
5 11	17 33.21	−13 51.7	1.973	2.865	11.4	18.8
5 21	17 26.25	−14 2.3	1.897	2.854	8.1	18.5
5 31	17 17.46	−14 19.0	1.846	2.843	4.6	18.3
6 10	17 7.66	−14 42.1	1.823	2.831	3.0	18.2
6 20	16 57.78	−15 11.3	1.827	2.819	5.6	18.3
6 30	16 48.84	−15 46.0	1.859	2.806	9.3	18.5
7 10	16 41.68	−16 25.8	1.914	2.793	12.7	18.7

392661 2011 UO_{255} 6 8.9 271°.02 1°.6/ 9.0 18

5 1	17 36.13	−25 56.8	2.293	3.099	13.0	20.7
5 11	17 31.82	−26 29.9	2.197	3.091	10.3	20.5
5 21	17 25.27	−27 1.4	2.124	3.084	7.2	20.3
5 31	17 16.98	−27 29.4	2.076	3.076	3.8	20.1
6 10	17 7.73	−27 52.2	2.055	3.068	1.7	19.9
6 20	16 58.44	−28 8.8	2.063	3.060	4.5	20.1
6 30	16 50.07	−28 19.9	2.098	3.052	7.9	20.3
7 10	16 43.41	−28 27.0	2.157	3.044	11.1	20.5

163404 2002 QD_{90} 6 8.9 26°.61 5°.0/ 9.5 17

5 1	17 38.12	−33 22.5	1.748	2.558	16.3	19.7
5 11	17 34.21	−34 15.0	1.673	2.562	13.3	19.5
5 21	17 27.30	−35 0.2	1.617	2.567	9.9	19.3
5 31	17 18.06	−35 33.4	1.585	2.572	6.6	19.2
6 10	17 7.61	−35 51.2	1.578	2.578	5.0	19.1
6 20	16 57.30	−35 52.7	1.596	2.583	6.8	19.2
6 30	16 48.45	−35 40.1	1.640	2.589	10.1	19.4
7 10	16 42.08	−35 18.1	1.705	2.596	13.4	19.6

405420 2004 RU_{240} 6 8.9 131°.15 5°.8/ 9.9 17

5 1	17 43.38	−34 53.0	1.493	2.303	18.6	21.5
5 11	17 38.90	−35 35.1	1.419	2.308	15.2	21.3
5 21	17 30.79	−36 6.9	1.364	2.312	11.4	21.1
5 31	17 19.81	−36 22.6	1.330	2.317	7.7	20.9
6 10	17 7.39	−36 18.1	1.321	2.321	5.8	20.8
6 20	16 55.23	−35 53.4	1.337	2.325	7.7	20.9
6 30	16 44.99	−35 12.8	1.377	2.329	11.4	21.1
7 10	16 37.82	−34 23.8	1.438	2.332	15.2	21.4

14311 1971 UK_{1} 6 8.9 172°.40 3°.1/ 8.0 18

5 1	17 38.24	−15 48.2	2.196	3.000	13.6	19.9
5 11	17 33.15	−15 12.7	2.112	3.004	10.8	19.7
5 21	17 25.95	−14 38.4	2.050	3.007	7.6	19.5
5 31	17 17.21	−14 6.9	2.014	3.010	4.4	19.3
6 10	17 7.74	−13 40.0	2.005	3.012	3.2	19.2
6 20	16 58.42	−13 19.5	2.025	3.013	5.6	19.4
6 30	16 50.12	−13 6.8	2.072	3.013	8.9	19.6
7 10	16 43.55	−13 2.8	2.144	3.013	11.9	19.8

498285 2007 VS_{60} 6 8.9 175°.74 0°.2/ 8.9 17

5 1	17 40.46	−24 19.6	1.807	2.620	15.7	22.7
5 11	17 35.56	−24 11.5	1.723	2.623	12.4	22.5
5 21	17 27.95	−23 59.5	1.661	2.624	8.5	22.3
5 31	17 18.28	−23 43.0	1.622	2.625	4.1	22.0
6 10	17 7.60	−23 22.1	1.611	2.626	0.5	21.7
6 20	16 57.09	−22 58.2	1.627	2.626	5.1	22.1
6 30	16 47.93	−22 34.0	1.669	2.625	9.4	22.3
7 10	16 41.00	−22 12.4	1.734	2.624	13.2	22.6

508771 1997 JA_{10} 6 8.9 34°.98 2°.3/ 8.6 17

5 1	17 43.92	−21 55.5	1.679	2.492	16.8	21.0
5 11	17 38.79	−23 37.1	1.601	2.499	13.3	20.8
5 21	17 30.52	−25 24.9	1.544	2.506	9.2	20.6
5 31	17 19.71	−27 13.2	1.513	2.514	4.8	20.3
6 10	17 7.42	−28 55.3	1.510	2.522	2.4	20.2
6 20	16 55.03	−30 25.6	1.535	2.530	6.0	20.4
6 30	16 43.98	−31 41.5	1.587	2.539	10.2	20.7
7 10	16 35.44	−32 43.8	1.663	2.548	14.0	20.9

507061 2008 WJ_{17} 6 8.9 226°.81 1°.1/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.38	−20 35.7	2.154	2.966	13.6	22.4
5 11	17 31.97	−20 23.7	2.060	2.958	10.7	22.2
5 21	17 25.33	−20 10.7	1.987	2.951	7.4	22.0
5 31	17 17.00	−19 57.0	1.940	2.942	3.6	21.7
6 10	17 7.79	−19 43.2	1.920	2.934	1.2	21.5
6 20	16 58.62	−19 30.3	1.928	2.925	4.7	21.8
6 30	16 50.42	−19 19.9	1.963	2.916	8.5	22.0
7 10	16 43.98	−19 13.6	2.022	2.907	11.9	22.2

56454 2000 GM_{87} 6 8.9 244°.00 3°.2/ 8.5 18

5 1	17 39.63	−15 25.8	1.600	2.421	17.0	19.1
5 11	17 35.40	−15 17.4	1.506	2.409	13.7	18.9
5 21	17 28.19	−15 13.2	1.433	2.396	9.7	18.6
5 31	17 18.58	−15 14.7	1.383	2.382	5.4	18.3
6 10	17 7.57	−15 22.5	1.358	2.368	3.3	18.2
6 20	16 56.46	−15 37.3	1.359	2.353	6.8	18.3
6 30	16 46.57	−15 59.3	1.385	2.338	11.3	18.6
7 10	16 39.03	−16 28.5	1.433	2.322	15.6	18.8

508055 2015 BC_{537} 6 8.9 340°.30 2°.3/ 8.4 17

5 1	17 34.96	−17 48.6	1.773	2.598	15.5	21.1
5 11	17 31.23	−17 31.8	1.691	2.597	12.3	20.8
5 21	17 25.00	−17 16.3	1.630	2.595	8.5	20.6
5 31	17 16.88	−17 3.2	1.593	2.594	4.5	20.4
6 10	17 7.81	−16 53.5	1.581	2.593	2.4	20.2
6 20	16 58.85	−16 48.5	1.596	2.592	5.7	20.4
6 30	16 51.07	−16 49.5	1.636	2.591	9.7	20.7
7 10	16 45.31	−16 57.0	1.699	2.590	13.4	20.9

471961 2013 TQ_{9} 6 8.9 174°.69 7°.3/ 5.2 18

5 1	17 38.15	− 4 32.9	2.468	3.244	13.0	21.2
5 11	17 32.73	− 2 48.7	2.388	3.247	10.9	21.0
5 21	17 25.49	− 1 9.3	2.332	3.250	8.9	20.9
5 31	17 16.96	+ 0 20.1	2.303	3.252	7.5	20.8
6 10	17 7.82	+ 1 34.8	2.303	3.253	7.5	20.8
6 20	16 58.83	+ 2 31.6	2.329	3.254	8.8	20.9
6 30	16 50.73	+ 3 8.7	2.382	3.254	10.8	21.0
7 10	16 44.11	+ 3 26.7	2.458	3.253	12.9	21.2

68564 2001 XF_{213} 6 8.9 122°.60 5°.9/ 8.3 18

5 1	17 37.49	− 6 16.6	2.015	2.811	14.9	19.5
5 11	17 32.63	− 5 56.9	1.944	2.823	12.2	19.3
5 21	17 25.63	− 5 46.9	1.895	2.834	9.3	19.2
5 31	17 17.08	− 5 49.1	1.869	2.845	6.8	19.0
6 10	17 7.80	− 6 4.9	1.870	2.856	6.0	19.0
6 20	16 58.72	− 6 34.2	1.897	2.866	7.5	19.1
6 30	16 50.72	− 7 16.0	1.951	2.876	10.2	19.3
7 10	16 44.49	− 8 7.9	2.027	2.886	12.9	19.5

341155 2007 PF_{36} 6 8.9 295°.86 8°.7/ 7.2 16

5 1	17 33.51	− 2 23.4	1.832	2.632	16.0	20.5
5 11	17 30.08	− 1 35.2	1.738	2.612	13.6	20.3
5 21	17 24.28	− 0 58.0	1.664	2.592	11.1	20.1
5 31	17 16.60	− 0 37.0	1.612	2.572	9.2	19.9
6 10	17 7.85	− 0 36.1	1.584	2.552	8.7	19.8
6 20	16 59.00	− 0 57.4	1.581	2.532	10.2	19.9
6 30	16 51.09	− 1 40.4	1.600	2.512	12.9	20.0
7 10	16 45.01	− 2 42.3	1.642	2.493	15.8	20.1

455332 2002 PX_{167} 6 8.9 312°.16 1°.2/ 9.0 16

5 1	17 35.59	−25 7.6	1.130	1.984	20.5	21.2
5 11	17 33.59	−25 16.2	1.048	1.970	16.5	20.9
5 21	17 27.73	−25 20.9	0.983	1.956	11.5	20.5
5 31	17 18.60	−25 19.5	0.938	1.943	5.8	20.2
6 10	17 7.58	−25 10.6	0.915	1.930	1.3	19.8
6 20	16 56.44	−24 54.8	0.915	1.918	7.1	20.1
6 30	16 47.12	−24 35.6	0.936	1.906	13.0	20.4
7 10	16 41.08	−24 17.7	0.976	1.895	18.3	20.7

297235 1981 EN_{11} 6 8.9 110°.80 3°.3/ 9.7 18

5 1	17 47.90	−32 0.9	1.944	2.730	15.7	21.7
5 11	17 41.03	−32 19.9	1.881	2.760	12.5	21.5
5 21	17 31.39	−32 30.5	1.840	2.789	9.0	21.4
5 31	17 19.81	−32 29.3	1.824	2.816	5.3	21.2
6 10	17 7.48	−32 15.0	1.836	2.843	3.3	21.1
6 20	16 55.65	−31 48.8	1.876	2.868	5.5	21.3
6 30	16 45.49	−31 14.3	1.943	2.892	8.8	21.5
7 10	16 37.79	−30 36.4	2.035	2.915	12.0	21.8

329921 2005 NA_{13} 6 8.9 294°.28 0°.8/ 8.7 18

5 1	17 30.62	−20 3.5	3.047	3.852	10.2	20.8
5 11	17 26.89	−19 59.9	2.935	3.830	8.0	20.6
5 21	17 21.60	−19 56.1	2.846	3.808	5.5	20.4
5 31	17 15.14	−19 52.4	2.784	3.787	2.7	20.2
6 10	17 8.05	−19 49.1	2.751	3.765	0.9	20.0
6 20	17 0.90	−19 46.6	2.746	3.743	3.5	20.2
6 30	16 54.33	−19 45.6	2.769	3.721	6.4	20.4
7 10	16 48.90	−19 47.1	2.818	3.699	9.0	20.5

519437 2011 VW_{19} 6 8.9 201°.95 4°.8/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 39.61	−40 19.6	2.693	3.454	12.4	21.7
5 11	17 34.30	−40 26.6	2.598	3.451	10.4	21.5
5 21	17 26.77	−40 22.3	2.525	3.448	8.1	21.4
5 31	17 17.63	−40 4.0	2.477	3.445	5.9	21.2
6 10	17 7.75	−39 30.5	2.456	3.441	4.8	21.1
6 20	16 58.06	−38 42.7	2.463	3.438	5.7	21.2
6 30	16 49.50	−37 43.5	2.497	3.434	7.8	21.3
7 10	16 42.78	−36 37.6	2.557	3.429	10.1	21.5

63121 2000 WL_{173} 6 8.9 152°.66 4°.2/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.76	− 8 47.0	2.536	3.331	12.2	19.1
5 11	17 29.40	− 8 41.4	2.451	3.333	9.9	18.9
5 21	17 23.31	− 8 42.6	2.389	3.335	7.3	18.7
5 31	17 15.95	− 8 52.0	2.353	3.337	5.0	18.6
6 10	17 7.96	− 9 10.4	2.344	3.339	4.2	18.5
6 20	17 0.04	− 9 37.7	2.363	3.341	5.7	18.6
6 30	16 52.90	−10 13.3	2.410	3.342	8.2	18.8
7 10	16 47.12	−10 56.0	2.481	3.344	10.7	19.0

373619 2002 FA_1 6 8.9 140°.59 2°.8/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 41.48	−31 41.6	2.485	3.268	12.8	21.5
5 11	17 35.65	−32 1.5	2.405	3.282	10.2	21.3
5 21	17 27.64	−32 14.8	2.349	3.296	7.3	21.2
5 31	17 18.04	−32 19.5	2.318	3.309	4.4	21.0
6 10	17 7.71	−32 14.1	2.316	3.322	2.8	20.9
6 20	16 57.60	−31 59.3	2.342	3.333	4.6	21.1
6 30	16 48.60	−31 36.9	2.397	3.344	7.5	21.3
7 10	16 41.43	−31 10.3	2.477	3.354	10.2	21.5

249806 2001 BB_{24} 6 8.9 191°.89 1°.1/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.95	−26 17.1	1.877	2.686	15.4	21.4
5 11	17 35.98	−26 19.8	1.789	2.685	12.2	21.1
5 21	17 28.29	−26 18.0	1.722	2.683	8.5	20.9
5 31	17 18.51	−26 10.0	1.680	2.681	4.3	20.6
6 10	17 7.65	−25 55.2	1.664	2.678	1.2	20.4
6 20	16 56.91	−25 34.6	1.676	2.675	5.0	20.7
6 30	16 47.47	−25 10.7	1.714	2.670	9.2	20.9
7 10	16 40.24	−24 46.9	1.776	2.666	13.0	21.1

136925 1998 ME 6 8.9 99°.37 3°.6/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.62	−14 11.9	2.452	3.256	12.4	20.7
5 11	17 29.96	−13 19.6	2.383	3.273	9.8	20.6
5 21	17 23.58	−12 29.2	2.337	3.291	7.0	20.4
5 31	17 16.02	−11 42.8	2.317	3.308	4.4	20.3
6 10	17 7.99	−11 2.9	2.326	3.325	3.6	20.3
6 20	17 0.19	−10 31.4	2.362	3.342	5.5	20.4
6 30	16 53.31	−10 9.5	2.426	3.358	8.1	20.6
7 10	16 47.90	− 9 57.7	2.514	3.375	10.7	20.8

239771 2010 CR_{58} 6 8.9 105°.56 0°.2/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.60	−23 1.9	2.022	2.834	14.3	21.1
5 11	17 32.89	−22 54.3	1.948	2.847	11.2	20.9
5 21	17 25.89	−22 44.4	1.896	2.860	7.6	20.7
5 31	17 17.23	−22 31.8	1.869	2.873	3.7	20.5
6 10	17 7.84	−22 16.9	1.870	2.885	0.5	20.3
6 20	16 58.69	−22 0.9	1.898	2.897	4.5	20.6
6 30	16 50.74	−21 45.7	1.953	2.909	8.3	20.8
7 10	16 44.70	−21 33.1	2.032	2.920	11.6	21.1

155231 2005 WV_2 6 8.9 248°.08 3°.9/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.72	−11 4.0	2.517	3.319	12.1	20.4
5 11	17 28.69	−10 43.6	2.424	3.312	9.8	20.3
5 21	17 22.90	−10 27.8	2.354	3.304	7.2	20.1
5 31	17 15.80	−10 18.2	2.308	3.296	4.7	19.9
6 10	17 8.01	−10 16.4	2.291	3.288	3.9	19.8
6 20	17 0.26	−10 23.0	2.301	3.280	5.6	19.9
6 30	16 53.25	−10 38.2	2.337	3.272	8.3	20.1
7 10	16 47.60	−11 1.6	2.398	3.264	10.9	20.3

8378 Sweeney 6 8.9 237°.00 7°.3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 44.66	−41 25.5	2.207	2.969	14.8	18.5
5 11	17 39.36	−42 29.8	2.108	2.956	12.6	18.3
5 21	17 30.95	−43 24.6	2.029	2.943	10.2	18.1
5 31	17 19.97	−44 3.8	1.974	2.928	8.2	18.0
6 10	17 7.46	−44 22.3	1.945	2.913	7.3	17.9
6 20	16 54.79	−44 18.3	1.941	2.898	8.3	17.9
6 30	16 43.40	−43 53.5	1.964	2.882	10.5	18.0
7 10	16 34.47	−43 13.3	2.009	2.866	13.1	18.2

500884 2013 JK_{65} 6 8.9 353°.27 0°.1/ 8.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 13.05	−21 1.0	28.642	29.440	1.2	24.4
5 11	17 12.12	−21 1.0	28.546	29.438	0.9	24.4
5 21	17 11.07	−21 1.0	28.475	29.436	0.6	24.3
5 31	17 9.94	−21 0.9	28.433	29.435	0.3	24.3
6 10	17 8.76	−21 0.9	28.419	29.433	0.1	24.2
6 20	17 7.59	−21 1.0	28.434	29.432	0.4	24.3
6 30	17 6.47	−21 1.2	28.479	29.430	0.7	24.3
7 10	17 5.44	−21 1.6	28.550	29.429	1.0	24.4

145509 2006 DX_{65} 6 8.9 52°.34 1°.6/ 9.3 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 37.13	−28 5.0	1.732	2.552	16.0	19.9
5 11	17 33.09	−28 0.4	1.657	2.559	12.7	19.7
5 21	17 26.32	−27 49.1	1.602	2.566	8.8	19.5
5 31	17 17.53	−27 29.8	1.572	2.573	4.6	19.2
6 10	17 7.81	−27 2.4	1.566	2.580	1.7	19.0
6 20	16 58.36	−26 28.8	1.587	2.587	5.1	19.3
6 30	16 50.33	−25 52.3	1.634	2.595	9.3	19.6
7 10	16 44.59	−25 17.0	1.704	2.603	13.0	19.8

198553 2004 XP_{136} 6 8.9 190°.45 1°.1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.04	−24 11.8	2.355	3.153	13.0	21.0
5 11	17 34.77	−24 49.5	2.262	3.152	10.3	20.8
5 21	17 27.24	−25 26.9	2.191	3.150	7.1	20.6
5 31	17 17.97	−26 1.8	2.147	3.148	3.6	20.4
6 10	17 7.74	−26 32.4	2.132	3.145	1.2	20.2
6 20	16 57.49	−26 57.5	2.145	3.142	4.3	20.4
6 30	16 48.18	−27 17.4	2.187	3.139	7.8	20.6
7 10	16 40.59	−27 33.4	2.254	3.134	11.0	20.8

423637 2005 XP 6 8.9 151°.88 5°.1/ 7.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.10	− 7 8.3	2.582	3.365	12.4	22.9
5 11	17 31.84	− 6 34.5	2.506	3.377	10.1	22.8
5 21	17 24.87	− 6 7.1	2.452	3.388	7.7	22.6
5 31	17 16.68	− 5 48.4	2.424	3.398	5.7	22.5
6 10	17 7.94	− 5 40.0	2.425	3.407	5.1	22.5
6 20	16 59.35	− 5 42.9	2.453	3.416	6.5	22.6
6 30	16 51.61	− 5 57.0	2.509	3.423	8.7	22.8
7 10	16 45.29	− 6 21.3	2.589	3.430	11.0	22.9

177902 2005 RG_{40} 6 8.9 150°.95 4°.3/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.77	−36 8.7	2.404	3.187	13.1	20.4
5 11	17 33.08	−36 30.0	2.317	3.189	10.8	20.2
5 21	17 26.09	−36 42.4	2.252	3.191	8.1	20.1
5 31	17 17.38	−36 43.1	2.212	3.193	5.6	19.9
6 10	17 7.84	−36 30.5	2.199	3.195	4.3	19.8
6 20	16 58.45	−36 5.1	2.213	3.196	5.5	19.9
6 30	16 50.19	−35 29.3	2.254	3.198	8.0	20.1
7 10	16 43.80	−34 47.1	2.319	3.199	10.7	20.2

296344 2009 FJ_4 6 8.9 29°.59 1°.0/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.86	−20 18.6	1.169	2.022	20.1	20.1
5 11	17 33.09	−20 25.8	1.109	2.030	15.9	19.8
5 21	17 26.84	−20 34.6	1.067	2.040	10.8	19.6
5 31	17 17.94	−20 44.3	1.045	2.050	5.3	19.3
6 10	17 7.78	−20 54.5	1.046	2.061	1.2	19.0
6 20	16 57.95	−21 5.2	1.071	2.073	6.5	19.4
6 30	16 49.99	−21 17.5	1.118	2.085	11.8	19.8
7 10	16 44.95	−21 32.8	1.185	2.098	16.3	20.1

289234 2004 XN_{70} 6 8.9 140°.03 0°.1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.14	−25 58.1	2.040	2.849	14.3	20.2
5 11	17 33.35	−25 25.8	1.958	2.854	11.3	20.0
5 21	17 26.23	−24 47.4	1.897	2.860	7.7	19.8
5 31	17 17.42	−24 2.8	1.862	2.865	3.7	19.6
6 10	17 7.86	−23 13.7	1.854	2.869	0.5	19.3
6 20	16 58.55	−22 22.6	1.875	2.874	4.6	19.7
6 30	16 50.46	−21 33.0	1.922	2.878	8.4	19.9
7 10	16 44.33	−20 48.3	1.994	2.882	11.8	20.1

246980 1999 TQ_{246} 6 8.9 337°.89 8°.6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.39	− 7 39.2	1.441	2.277	17.9	19.6
5 11	17 28.14	− 6 18.4	1.363	2.265	14.9	19.4
5 21	17 23.19	− 5 4.1	1.305	2.255	11.7	19.2
5 31	17 16.14	− 4 3.1	1.268	2.245	9.2	19.0
6 10	17 8.00	− 3 21.3	1.253	2.236	8.8	18.9
6 20	16 59.92	− 3 2.7	1.262	2.227	10.8	19.0
6 30	16 53.08	− 3 8.7	1.292	2.220	14.1	19.2
7 10	16 48.43	− 3 37.2	1.341	2.214	17.4	19.4

173964 2001 XF_{69} 6 8.9 134°.95 3°.1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.63	−34 50.5	2.677	3.456	12.1	20.9
5 11	17 33.29	−34 47.9	2.595	3.466	9.8	20.7
5 21	17 25.96	−34 36.6	2.534	3.476	7.1	20.5
5 31	17 17.22	−34 14.8	2.499	3.486	4.5	20.4
6 10	17 7.89	−33 42.3	2.493	3.495	3.1	20.3
6 20	16 58.81	−33 0.4	2.515	3.504	4.5	20.4
6 30	16 50.79	−32 11.8	2.565	3.513	7.0	20.6
7 10	16 44.46	−31 20.3	2.641	3.521	9.6	20.8

116051 2003 WM_{106} 6 8.9 196°.13 7°.4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 44.05	−44 41.6	2.485	3.229	13.8	20.4
5 11	17 38.48	−45 39.0	2.396	3.226	11.9	20.3
5 21	17 30.07	−46 24.8	2.328	3.224	9.9	20.1
5 31	17 19.43	−46 53.8	2.283	3.221	8.1	20.0
6 10	17 7.60	−47 2.2	2.263	3.217	7.4	19.9
6 20	16 55.80	−46 49.0	2.270	3.213	8.0	20.0
6 30	16 45.30	−46 16.4	2.303	3.209	9.7	20.1
7 10	16 37.08	−45 29.6	2.358	3.204	11.8	20.2

232536 2003 SZ_{72} 6 8.9 303.°36 6.°4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 38.20	−36 57.2	1.741	2.544	16.6	19.6
5 11	17 34.79	−37 43.3	1.642	2.524	13.9	19.4
5 21	17 28.11	−38 20.1	1.562	2.504	10.8	19.1
5 31	17 18.70	−38 41.9	1.505	2.484	7.8	18.9
6 10	17 7.68	−38 44.3	1.472	2.465	6.4	18.8
6 20	16 56.49	−38 25.9	1.464	2.445	8.0	18.8
6 30	16 46.71	−37 49.2	1.479	2.426	11.2	19.0
7 10	16 39.59	−37 0.2	1.517	2.408	14.7	19.1

182013 1999 XR_{225} 6 8.9 235.°27 1.°1/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 39.03	−25 57.9	1.763	2.580	15.9	21.4
5 11	17 34.74	−25 59.5	1.673	2.573	12.7	21.1
5 21	17 27.62	−25 56.7	1.602	2.566	8.8	20.9
5 31	17 18.28	−25 48.0	1.556	2.558	4.4	20.6
6 10	17 7.75	−25 32.6	1.535	2.550	1.1	20.3
6 20	16 57.27	−25 11.7	1.542	2.541	5.3	20.6
6 30	16 48.09	−24 47.8	1.574	2.533	9.7	20.8
7 10	16 41.20	−24 24.4	1.629	2.524	13.7	21.1

363474 2003 SK_{285} 6 8.9 330.°22 4.°2/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 30.41	−19 53.3	1.125	1.989	19.9	20.4
5 11	17 29.18	−18 42.1	1.043	1.971	16.0	20.1
5 21	17 24.48	−17 23.3	0.979	1.954	11.2	19.8
5 31	17 16.97	−16 1.2	0.935	1.938	6.3	19.5
6 10	17 7.90	−14 42.0	0.913	1.923	4.4	19.3
6 20	16 58.85	−13 32.8	0.914	1.910	8.7	19.5
6 30	16 51.44	−12 40.1	0.935	1.898	14.1	19.7
7 10	16 46.92	−12 7.6	0.974	1.887	19.1	20.0

200643 2001 SH_{283} 6 8.9 160.°41 12.°6/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 59.38	−53 41.4	1.972	2.675	18.1	20.4
5 11	17 52.64	−55 29.1	1.902	2.682	16.3	20.3
5 21	17 41.00	−56 59.6	1.850	2.689	14.6	20.2
5 31	17 25.14	−58 2.0	1.818	2.695	13.2	20.1
6 10	17 6.88	−58 27.6	1.808	2.700	12.6	20.1
6 20	16 48.69	−58 13.8	1.821	2.705	13.0	20.1
6 30	16 33.11	−57 25.0	1.856	2.708	14.2	20.2
7 10	16 21.84	−56 11.2	1.911	2.711	15.9	20.3

346419 2008 SC_{192} 6 8.9 227.°30 2.°2/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.11	−17 33.0	2.110	2.922	13.8	21.5
5 11	17 31.79	−17 18.3	2.017	2.915	10.9	21.3
5 21	17 25.25	−17 4.7	1.946	2.908	7.6	21.1
5 31	17 17.03	−16 53.1	1.900	2.900	4.1	20.9
6 10	17 7.92	−16 44.4	1.882	2.893	2.2	20.7
6 20	16 58.84	−16 39.5	1.891	2.885	5.2	20.9
6 30	16 50.74	−16 39.6	1.926	2.877	8.8	21.1
7 10	16 44.38	−16 45.4	1.986	2.868	12.2	21.3

439698 2014 KA_{19} 6 8.9 92.°96 1.°5/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.62	−19 12.9	2.360	3.171	12.5	21.6
5 11	17 29.48	−18 55.5	2.279	3.177	9.8	21.4
5 21	17 23.46	−18 38.0	2.220	3.183	6.7	21.3
5 31	17 16.07	−18 21.0	2.187	3.189	3.4	21.1
6 10	17 8.05	−18 5.6	2.182	3.195	1.6	20.9
6 20	17 0.17	−17 52.7	2.205	3.200	4.4	21.1
6 30	16 53.20	−17 43.7	2.255	3.206	7.6	21.3
7 10	16 47.77	−17 39.4	2.329	3.212	10.6	21.5

383284 2006 DC_{184} 6 8.9 140.°62 5.°8/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 41.55	−37 7.4	2.021	2.807	15.2	20.9
5 11	17 36.68	−37 59.6	1.941	2.811	12.6	20.7
5 21	17 28.91	−38 42.8	1.881	2.815	9.7	20.6
5 31	17 18.88	−39 11.8	1.844	2.819	7.0	20.4
6 10	17 7.69	−39 23.4	1.834	2.822	5.8	20.3
6 20	16 56.60	−39 16.6	1.850	2.825	7.1	20.4
6 30	16 46.91	−38 54.0	1.891	2.829	9.7	20.6
7 10	16 39.59	−38 20.4	1.956	2.832	12.6	20.8

311488 2005 VE_{107} 6 8.9 314.°56 0.°3/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 33.89	−23 51.9	2.318	3.129	12.7	20.5
5 11	17 29.83	−23 29.4	2.229	3.128	10.0	20.3
5 21	17 23.78	−23 3.1	2.163	3.126	6.8	20.1
5 31	17 16.26	−22 33.5	2.122	3.125	3.3	19.8
6 10	17 8.04	−22 1.4	2.108	3.123	0.5	19.6
6 20	16 59.95	−21 28.6	2.123	3.122	4.2	19.9
6 30	16 52.81	−20 57.3	2.165	3.120	7.6	20.1
7 10	16 47.29	−20 29.7	2.231	3.119	10.8	20.3

439209 2012 SS_{5} 6 8.9 163.°83 1.°3/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.07	−20 0.0	2.343	3.149	12.8	21.9
5 11	17 31.43	−19 41.2	2.257	3.153	10.0	21.7
5 21	17 24.80	−19 21.5	2.195	3.157	6.9	21.5
5 31	17 16.74	−19 1.6	2.158	3.160	3.4	21.3
6 10	17 7.98	−18 42.3	2.149	3.163	1.4	21.2
6 20	16 59.37	−18 24.8	2.169	3.165	4.4	21.4
6 30	16 51.70	−18 10.8	2.216	3.167	7.8	21.6
7 10	16 45.64	−18 1.4	2.288	3.169	10.8	21.8

393043 2013 AJ_{17} 6 8.9 16.°58 1.°3/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.32	−28 19.7	2.122	2.932	13.8	20.2
5 11	17 31.21	−28 6.5	2.037	2.933	10.9	20.0
5 21	17 24.84	−27 46.8	1.973	2.934	7.6	19.8
5 31	17 16.80	−27 19.7	1.934	2.935	3.9	19.5
6 10	17 7.98	−26 45.9	1.922	2.936	1.4	19.3
6 20	16 59.34	−26 6.9	1.938	2.937	4.4	19.6
6 30	16 51.82	−25 25.6	1.981	2.939	8.1	19.8
7 10	16 46.17	−24 45.6	2.047	2.940	11.4	20.0

222638 2001 XM_{122} 6 8.9 161.°93 0.°5/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.11	−22 1.6	1.963	2.777	14.6	21.1
5 11	17 33.49	−21 55.9	1.881	2.780	11.5	20.9
5 21	17 26.45	−21 48.7	1.819	2.783	7.9	20.7
5 31	17 17.61	−21 39.7	1.783	2.786	3.8	20.4
6 10	17 7.88	−21 29.1	1.773	2.788	0.7	20.2
6 20	16 58.29	−21 17.8	1.792	2.790	4.8	20.5
6 30	16 49.88	−21 7.5	1.836	2.792	8.8	20.7
7 10	16 43.43	−21 0.2	1.905	2.794	12.3	21.0

288440 2004 EM_{43} 6 8.9 45.°38 3.°1/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.06	−32 34.2	1.867	2.676	15.5	20.3
5 11	17 32.88	−32 32.7	1.796	2.688	12.4	20.2
5 21	17 26.09	−32 21.5	1.746	2.700	8.9	20.0
5 31	17 17.41	−31 58.7	1.719	2.713	5.3	19.8
6 10	17 7.92	−31 24.1	1.718	2.726	3.2	19.7
6 20	16 58.77	−30 39.6	1.743	2.739	5.3	19.8
6 30	16 51.06	−29 49.2	1.795	2.753	8.8	20.1
7 10	16 45.55	−28 57.7	1.870	2.766	12.1	20.3

474061 2016 HE_{21} 6 8.9 17.°86 1.°3/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.58	−25 52.7	1.210	2.061	19.7	20.7
5 11	17 32.18	−25 57.1	1.146	2.066	15.6	20.4
5 21	17 26.29	−25 56.2	1.100	2.072	10.8	20.2
5 31	17 17.73	−25 48.4	1.074	2.079	5.4	19.9
6 10	17 7.90	−25 33.4	1.072	2.086	1.4	19.6
6 20	16 58.39	−25 12.6	1.092	2.095	6.3	20.0
6 30	16 50.73	−24 49.7	1.135	2.104	11.4	20.3
7 10	16 45.99	−24 28.8	1.199	2.115	15.9	20.6

78549 2002 RS_{126} 6 8.9 322.°32 4.°6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.23	−29 56.6	1.506	2.338	17.4	18.5
5 11	17 32.05	−30 51.6	1.403	2.309	14.2	18.3
5 21	17 26.55	−31 44.5	1.318	2.280	10.5	18.0
5 31	17 18.13	−32 30.5	1.256	2.252	6.6	17.7
6 10	17 7.83	−33 4.8	1.218	2.224	4.6	17.5
6 20	16 57.07	−33 24.4	1.203	2.198	7.4	17.5
6 30	16 47.55	−33 29.3	1.212	2.172	11.8	17.7
7 10	16 40.74	−33 23.5	1.241	2.147	16.2	17.9

320572 2008 AB_{104} 6 8.9 148.°69 0.°8/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 41.06	−25 5.0	1.821	2.633	15.7	22.2
5 11	17 36.05	−25 11.2	1.743	2.640	12.4	22.0
5 21	17 28.33	−25 14.1	1.685	2.647	8.5	21.7
5 31	17 18.57	−25 12.0	1.652	2.654	4.2	21.5
6 10	17 7.82	−25 4.5	1.645	2.660	0.9	21.3
6 20	16 57.28	−24 52.2	1.666	2.665	5.0	21.6
6 30	16 48.10	−24 37.3	1.713	2.670	9.2	21.8
7 10	16 41.17	−24 22.7	1.784	2.675	12.9	22.1

286536 2002 CQ_{109} 6 8.9 179.°66 2.°9/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.73	−15 29.2	1.957	2.762	15.0	21.5
5 11	17 35.49	−15 14.5	1.871	2.764	11.9	21.3
5 21	17 27.82	−15 2.7	1.808	2.766	8.4	21.1
5 31	17 18.30	−14 54.8	1.769	2.766	4.7	20.9
6 10	17 7.85	−14 51.9	1.757	2.766	3.0	20.7
6 20	16 57.50	−14 54.6	1.774	2.765	5.8	20.9
6 30	16 48.30	−15 3.7	1.817	2.763	9.5	21.1
7 10	16 41.05	−15 19.5	1.884	2.760	13.0	21.3

116536 2004 BF_{58} 6 8.9 183.°49 4.°0/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.98	−13 58.0	1.877	2.689	15.2	20.6
5 11	17 33.40	−13 23.4	1.794	2.690	12.2	20.4
5 21	17 26.42	−12 51.8	1.733	2.690	8.7	20.1
5 31	17 17.63	−12 25.4	1.696	2.690	5.4	19.9
6 10	17 7.94	−12 6.5	1.685	2.689	4.1	19.9
6 20	16 58.37	−11 56.8	1.701	2.687	6.6	20.0
6 30	16 49.94	−11 57.2	1.744	2.686	10.1	20.2
7 10	16 43.47	−12 8.0	1.809	2.683	13.5	20.4

257446 6251 P–L 6 8.9 304.°17 1.°5/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.79	−25 59.6	1.367	2.208	18.4	20.9
5 11	17 33.38	−26 9.0	1.266	2.180	14.9	20.6
5 21	17 27.50	−26 14.3	1.183	2.152	10.5	20.3
5 31	17 18.59	−26 13.1	1.121	2.125	5.4	19.9
6 10	17 7.78	−26 3.7	1.083	2.097	1.6	19.6
6 20	16 56.59	−25 46.4	1.068	2.070	6.6	19.8
6 30	16 46.77	−25 23.8	1.077	2.043	12.2	20.0
7 10	16 39.79	−25 0.6	1.105	2.017	17.3	20.3

186356 2002 GX_2 6 8.9 131°.34 6°.8/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.00	− 0 9.3	2.972	3.735	11.3	20.9
5 11	17 28.44	+ 1 2.3	2.906	3.749	9.6	20.8
5 21	17 22.48	+ 2 5.6	2.862	3.763	8.1	20.7
5 31	17 15.55	+ 2 57.3	2.844	3.776	7.0	20.7
6 10	17 8.21	+ 3 34.7	2.853	3.788	6.9	20.7
6 20	17 1.01	+ 3 56.5	2.889	3.800	7.8	20.8
6 30	16 54.52	+ 4 2.3	2.950	3.812	9.2	20.9
7 10	16 49.18	+ 3 53.3	3.033	3.823	10.8	21.0

496893 2000 XG_{24} 6 8.9 178°.41 2°.5/ 9.4 17

5 1	17 40.46	−30 32.2	2.673	3.456	12.0	22.6
5 11	17 34.86	−30 55.0	2.580	3.458	9.6	22.4
5 21	17 27.18	−31 12.7	2.511	3.460	6.9	22.2
5 31	17 17.94	−31 23.2	2.468	3.461	4.0	22.0
6 10	17 7.91	−31 25.1	2.453	3.461	2.5	21.9
6 20	16 57.95	−31 18.5	2.468	3.460	4.3	22.0
6 30	16 48.93	−31 4.7	2.511	3.459	7.2	22.2
7 10	16 41.56	−30 46.4	2.580	3.457	9.9	22.4

87131 2000 NU_1 6 8.9 209°.66 1°.7/ 8.5 18

5 1	17 37.09	−19 44.4	1.932	2.748	14.7	20.4
5 11	17 32.77	−19 23.8	1.844	2.745	11.6	20.2
5 21	17 26.03	−19 2.4	1.778	2.742	8.0	20.0
5 31	17 17.46	−18 40.9	1.736	2.738	4.1	19.8
6 10	17 7.97	−18 20.4	1.721	2.734	1.8	19.6
6 20	16 58.58	−18 2.5	1.734	2.730	5.3	19.8
6 30	16 50.30	−17 49.0	1.772	2.726	9.2	20.0
7 10	16 43.97	−17 41.6	1.834	2.721	12.8	20.2

479790 2014 ET_{49} 6 8.9 65°.72 1°.4/ 9.4 17

5 1	17 37.28	−29 8.3	2.060	2.867	14.3	20.5
5 11	17 32.63	−28 47.6	1.990	2.884	11.3	20.3
5 21	17 25.70	−28 19.4	1.942	2.902	7.8	20.1
5 31	17 17.18	−27 43.3	1.919	2.919	4.0	19.9
6 10	17 8.03	−27 0.2	1.924	2.937	1.4	19.8
6 20	16 59.24	−26 12.4	1.955	2.955	4.4	20.0
6 30	16 51.72	−25 23.3	2.014	2.972	8.0	20.2
7 10	16 46.16	−24 36.6	2.098	2.990	11.2	20.5

320547 2008 AL_{19} 6 8.9 54°.41 3°.4/ 8.7 17

5 1	17 37.61	−14 44.6	1.415	2.248	18.3	19.8
5 11	17 33.79	−14 42.0	1.351	2.259	14.5	19.5
5 21	17 26.99	−14 45.5	1.305	2.270	10.2	19.3
5 31	17 17.98	−14 56.3	1.282	2.282	5.7	19.1
6 10	17 7.92	−15 14.6	1.284	2.294	3.5	19.0
6 20	16 58.14	−15 40.2	1.311	2.306	6.7	19.2
6 30	16 49.91	−16 12.4	1.361	2.318	11.1	19.5
7 10	16 44.15	−16 50.3	1.434	2.331	15.0	19.8

151418 2002 ES_{146} 6 8.9 52°.24 1°.4/ 8.6 17

5 1	17 33.79	−19 21.7	2.130	2.947	13.5	20.3
5 11	17 29.81	−19 10.7	2.057	2.958	10.6	20.1
5 21	17 23.79	−18 59.9	2.006	2.970	7.2	19.9
5 31	17 16.29	−18 50.0	1.980	2.982	3.6	19.7
6 10	17 8.14	−18 41.5	1.981	2.994	1.5	19.6
6 20	17 0.17	−18 35.4	2.009	3.006	4.6	19.8
6 30	16 53.24	−18 32.7	2.064	3.019	8.0	20.0
7 10	16 47.99	−18 34.3	2.143	3.031	11.1	20.3

124950 2001 TM_{87} 6 8.9 66°.48 1°.6/ 9.3 18

5 1	17 40.57	−27 30.2	1.277	2.113	19.7	19.5
5 11	17 36.63	−27 24.9	1.215	2.126	15.6	19.3
5 21	17 29.17	−27 12.0	1.171	2.138	10.8	19.1
5 31	17 19.07	−26 49.7	1.149	2.151	5.5	18.8
6 10	17 7.81	−26 18.1	1.150	2.165	1.7	18.6
6 20	16 57.04	−25 39.8	1.176	2.178	6.2	18.9
6 30	16 48.27	−24 59.5	1.226	2.191	11.2	19.2
7 10	16 42.49	−24 22.5	1.297	2.204	15.6	19.5

509186 2006 KO_{49} 6 8.9 298°.64 1°.7/ 8.5 18

5 1	17 34.54	−19 50.3	1.862	2.686	14.9	21.6
5 11	17 30.94	−19 29.7	1.771	2.676	11.8	21.4
5 21	17 24.90	−19 8.2	1.700	2.666	8.1	21.2
5 31	17 16.97	−18 46.6	1.654	2.657	4.1	20.9
6 10	17 8.06	−18 26.1	1.634	2.647	1.8	20.7
6 20	16 59.17	−18 8.4	1.641	2.638	5.4	20.9
6 30	16 51.38	−17 55.4	1.673	2.629	9.5	21.1
7 10	16 45.53	−17 48.6	1.728	2.620	13.2	21.3

173697 2001 QL_5 6 8.9 276°.93 4°.1/ 8.1 18

5 1	17 34.45	−11 50.6	2.210	3.017	13.4	20.5
5 11	17 30.50	−11 27.8	2.104	2.995	10.9	20.3
5 21	17 24.45	−11 9.5	2.020	2.973	8.0	20.1
5 31	17 16.74	−10 57.4	1.960	2.951	5.2	19.8
6 10	17 8.09	−10 53.5	1.928	2.928	4.2	19.7
6 20	16 59.32	−10 58.9	1.923	2.905	6.3	19.8
6 30	16 51.35	−11 14.1	1.943	2.882	9.5	20.0
7 10	16 44.94	−11 38.7	1.988	2.859	12.6	20.1

112029 2002 HB_7 6 8.9 349°.16 2°.1/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.18	−28 54.4	1.266	2.108	19.5	19.5
5 11	17 33.53	−28 45.1	1.190	2.104	15.6	19.2
5 21	17 27.33	−28 26.0	1.132	2.101	11.0	19.0
5 31	17 18.32	−27 55.0	1.096	2.098	5.8	18.7
6 10	17 7.90	−27 12.2	1.082	2.096	2.1	18.4
6 20	16 57.71	−26 20.7	1.092	2.094	6.4	18.7
6 30	16 49.36	−25 25.9	1.126	2.094	11.6	19.0
7 10	16 43.99	−24 34.2	1.179	2.093	16.3	19.2

4665 Muinonen 6 8.9 320°.77 1°.8/ 8.4 18

5 1	17 32.35	−21 6.5	1.782	2.613	15.2	16.6
5 11	17 29.42	−20 29.6	1.684	2.594	12.1	16.3
5 21	17 23.98	−19 48.9	1.607	2.576	8.3	16.1
5 31	17 16.58	−19 5.7	1.554	2.558	4.2	15.8
6 10	17 8.11	−18 22.4	1.527	2.540	1.9	15.6
6 20	16 59.63	−17 41.6	1.526	2.523	5.7	15.8
6 30	16 52.24	−17 6.7	1.549	2.507	9.9	16.0
7 10	16 46.84	−16 40.2	1.595	2.491	13.8	16.2

508214 2015 GS_{22} 6 8.9 215°.69 2°.7/ 8.7 18

5 1	17 37.25	−13 52.0	2.097	2.904	14.1	21.7
5 11	17 32.70	−14 3.1	2.007	2.900	11.2	21.5
5 21	17 25.93	−14 19.9	1.939	2.897	7.9	21.3
5 31	17 17.43	−14 42.8	1.896	2.894	4.5	21.1
6 10	17 8.02	−15 11.7	1.881	2.890	2.8	21.0
6 20	16 58.61	−15 45.8	1.893	2.886	5.3	21.1
6 30	16 50.16	−16 24.6	1.933	2.882	8.9	21.3
7 10	16 43.45	−17 7.2	1.997	2.878	12.2	21.5

189053 2000 SW_{271} 6 8.9 285°.01 3°.6/ 9.9 18

5 1	17 39.08	−33 25.7	1.830	2.634	15.9	19.7
5 11	17 35.05	−33 21.7	1.724	2.613	13.0	19.4
5 21	17 28.04	−33 6.7	1.638	2.591	9.5	19.2
5 31	17 18.62	−32 37.4	1.576	2.569	5.8	18.9
6 10	17 7.88	−31 52.6	1.540	2.547	3.6	18.7
6 20	16 57.11	−30 53.7	1.530	2.525	5.9	18.8
6 30	16 47.66	−29 45.2	1.546	2.503	9.9	19.0
7 10	16 40.61	−28 33.5	1.585	2.481	13.9	19.2

372920 2011 BO_9 6 8.9 272°.41 0°.6/ 8.8 18

5 1	17 38.10	−21 36.4	1.726	2.547	16.0	21.6
5 11	17 34.23	−21 36.6	1.623	2.527	12.8	21.3
5 21	17 27.49	−21 36.1	1.541	2.506	8.8	21.0
5 31	17 18.40	−21 34.3	1.482	2.485	4.3	20.7
6 10	17 7.91	−21 31.1	1.449	2.464	0.8	20.4
6 20	16 57.23	−21 26.9	1.443	2.443	5.6	20.7
6 30	16 47.68	−21 23.2	1.462	2.421	10.3	20.9
7 10	16 40.35	−21 22.3	1.503	2.399	14.6	21.1

59987 1999 SG_{16} 6 8.9 264°.20 2°.3/ 8.1 18

5 1	17 33.63	−18 44.2	2.346	3.158	12.6	18.6
5 11	17 29.57	−17 59.7	2.255	3.153	9.9	18.4
5 21	17 23.60	−17 13.6	2.187	3.148	6.9	18.2
5 31	17 16.24	−16 27.6	2.144	3.144	3.8	18.0
6 10	17 8.19	−15 43.7	2.130	3.139	2.4	17.9
6 20	17 0.25	−15 4.4	2.143	3.134	4.9	18.1
6 30	16 53.21	−14 31.7	2.183	3.130	8.2	18.2
7 10	16 47.69	−14 7.2	2.248	3.125	11.1	18.4

253838 2003 YR_{112} 6 8.9 119°.35 1°.5/ 9.2 17

5 1	17 41.67	−26 3.3	1.784	2.595	16.0	21.1
5 11	17 36.57	−26 20.6	1.712	2.609	12.6	20.9
5 21	17 28.70	−26 34.3	1.660	2.622	8.7	20.7
5 31	17 18.78	−26 42.3	1.633	2.634	4.4	20.5
6 10	17 7.89	−26 43.2	1.633	2.647	1.5	20.3
6 20	16 57.27	−26 37.5	1.660	2.658	5.1	20.5
6 30	16 48.08	−26 27.2	1.712	2.670	9.2	20.8
7 10	16 41.22	−26 15.4	1.789	2.680	12.8	21.1

432443 2010 CE_{33} 6 8.9 87°.23 0°.6/ 8.8 17

5 1	17 37.65	−21 3.8	1.918	2.734	14.8	21.5
5 11	17 33.11	−21 9.2	1.847	2.747	11.6	21.3
5 21	17 26.18	−21 14.6	1.797	2.761	7.9	21.1
5 31	17 17.51	−21 19.2	1.772	2.775	3.8	20.9
6 10	17 8.04	−21 23.1	1.773	2.788	0.7	20.7
6 20	16 58.80	−21 26.3	1.802	2.802	4.7	21.0
6 30	16 50.78	−21 30.1	1.858	2.815	8.6	21.3
7 10	16 44.73	−21 35.7	1.937	2.828	12.0	21.5

316572 2011 SW_{24} 6 8.9 143°.45 8°.3/ 5.9 18

5 1	17 32.80	+ 6 58.8	3.030	3.762	11.8	22.3
5 11	17 28.31	+ 8 5.0	2.966	3.774	10.4	22.2
5 21	17 22.43	+ 8 59.5	2.924	3.784	9.2	22.1
5 31	17 15.58	+ 9 38.9	2.906	3.794	8.4	22.1
6 10	17 8.29	+10 0.5	2.913	3.804	8.4	22.1
6 20	17 1.13	+10 3.4	2.944	3.813	9.0	22.2
6 30	16 54.65	+ 9 48.1	2.999	3.822	10.1	22.2
7 10	16 49.31	+ 9 16.5	3.076	3.830	11.4	22.4

66012 1998 QM_{23} 6 8.9 219°.31 5°.6/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 41.45	−39 6.3	2.329	3.100	13.9	19.6
5 11	17 36.35	−39 40.8	2.234	3.093	11.6	19.4
5 21	17 28.60	−40 5.3	2.159	3.086	9.1	19.2
5 31	17 18.79	−40 15.5	2.110	3.078	6.7	19.1
6 10	17 7.89	−40 8.8	2.086	3.070	5.6	19.0
6 20	16 57.05	−39 44.9	2.089	3.062	6.6	19.0
6 30	16 47.42	−39 6.2	2.119	3.054	9.0	19.2
7 10	16 39.92	−38 17.6	2.173	3.045	11.7	19.3

146910 2002 CR_{156} 6 8.9 290°.12 0°.5/ 8.9 18

5 1	17 35.01	−20 14.3	2.223	3.035	13.2	19.9
5 11	17 30.97	−20 32.5	2.127	3.026	10.4	19.7
5 21	17 24.78	−20 52.2	2.053	3.016	7.1	19.5
5 31	17 16.91	−21 12.7	2.004	3.007	3.5	19.2
6 10	17 8.12	−21 33.3	1.982	2.997	0.6	19.0
6 20	16 59.29	−21 53.5	1.989	2.988	4.4	19.3
6 30	16 51.33	−22 13.4	2.022	2.979	8.1	19.5
7 10	16 45.03	−22 33.7	2.080	2.969	11.4	19.7

321079 2008 SW_{97} 6 8.9 84°.62 0°.3/ 8.9 18

5 1	17 37.38	−24 23.9	1.876	2.693	15.1	20.8
5 11	17 33.01	−24 17.8	1.802	2.703	11.9	20.6
5 21	17 26.18	−24 8.2	1.749	2.713	8.1	20.3
5 31	17 17.54	−23 54.6	1.721	2.724	3.9	20.1
6 10	17 8.07	−23 37.3	1.719	2.734	0.5	19.9
6 20	16 58.85	−23 17.6	1.744	2.744	4.7	20.2
6 30	16 50.90	−22 57.6	1.796	2.754	8.7	20.5
7 10	16 45.01	−22 40.0	1.871	2.764	12.2	20.7

200283 1999 YG_{10} 6 8.9 313°.48 1°.0/ 8.8 18

5 1	17 36.11	−19 25.6	1.829	2.651	15.2	20.3
5 11	17 32.25	−19 37.8	1.743	2.647	12.0	20.0
5 21	17 25.85	−19 52.0	1.677	2.643	8.3	19.8
5 31	17 17.48	−20 7.8	1.636	2.639	4.1	19.5
6 10	17 8.06	−20 24.6	1.620	2.635	1.1	19.3
6 20	16 58.66	−20 42.1	1.632	2.631	5.1	19.6
6 30	16 50.39	−21 0.6	1.669	2.628	9.3	19.8
7 10	16 44.13	−21 20.8	1.730	2.624	13.0	20.0

421065 2013 QB_{20} 6 8.9 33°.36 0°.5/ 8.9 17

5 1	17 37.25	−23 1.2	1.347	2.187	18.6	20.7
5 11	17 33.94	−23 19.1	1.280	2.194	14.7	20.5
5 21	17 27.37	−23 36.3	1.231	2.201	10.1	20.2
5 31	17 18.29	−23 50.8	1.205	2.209	4.9	19.9
6 10	17 7.98	−24 1.6	1.202	2.217	0.7	19.7
6 20	16 57.91	−24 8.3	1.224	2.226	5.9	20.0
6 30	16 49.52	−24 12.6	1.270	2.235	10.9	20.3
7 10	16 43.86	−24 16.8	1.337	2.245	15.2	20.6

472633 2015 DD_{207} 6 8.9 112°.29 3°.2/ 8.5 17

5 1	17 37.00	−13 49.2	2.046	2.855	14.3	20.9
5 11	17 32.36	−13 39.5	1.972	2.866	11.3	20.8
5 21	17 25.57	−13 34.3	1.920	2.878	8.0	20.6
5 31	17 17.21	−13 34.7	1.893	2.889	4.7	20.4
6 10	17 8.12	−13 41.3	1.893	2.900	3.3	20.3
6 20	16 59.21	−13 54.6	1.921	2.910	5.6	20.5
6 30	16 51.37	−14 14.5	1.975	2.921	8.9	20.7
7 10	16 45.30	−14 40.5	2.053	2.931	12.0	20.9

137798 1999 XH_{256} 6 8.9 112°.07 0°.7/ 9.1 17

5 1	17 41.05	−25 33.6	1.745	2.559	16.1	20.7
5 11	17 36.04	−25 27.6	1.675	2.574	12.7	20.5
5 21	17 28.30	−25 17.0	1.625	2.588	8.7	20.3
5 31	17 18.57	−25 0.7	1.600	2.602	4.3	20.1
6 10	17 7.97	−24 38.9	1.601	2.615	0.8	19.8
6 20	16 57.70	−24 13.1	1.629	2.628	5.0	20.2
6 30	16 48.91	−23 46.3	1.683	2.641	9.2	20.5
7 10	16 42.43	−23 21.8	1.760	2.653	12.9	20.7

256988 2008 EM_{133} 6 8.9 261°.57 2°.3/ 9.6 18

5 1	17 36.19	−30 46.1	2.324	3.123	13.1	20.8
5 11	17 31.89	−30 45.3	2.227	3.115	10.5	20.6
5 21	17 25.37	−30 37.5	2.153	3.108	7.5	20.4
5 31	17 17.17	−30 21.2	2.104	3.100	4.3	20.2
6 10	17 8.13	−29 55.9	2.082	3.092	2.3	20.0
6 20	16 59.18	−29 22.5	2.087	3.084	4.5	20.1
6 30	16 51.24	−28 43.8	2.120	3.076	7.8	20.3
7 10	16 45.08	−28 3.1	2.178	3.068	10.9	20.5

460326 2014 QB_{418} 6 8.9 260°.32 2°.8/ 7.8 18

5 1	17 29.56	−13 18.8	3.321	4.120	9.5	21.2
5 11	17 25.84	−12 47.2	3.222	4.110	7.6	21.1
5 21	17 20.83	−12 17.5	3.147	4.100	5.5	20.9
5 31	17 14.86	−11 50.9	3.099	4.089	3.5	20.8
6 10	17 8.42	−11 28.9	3.079	4.079	2.9	20.7
6 20	17 2.01	−11 12.5	3.088	4.068	4.3	20.8
6 30	16 56.14	−11 2.6	3.125	4.058	6.5	20.9
7 10	16 51.27	−10 59.6	3.187	4.047	8.6	21.0

345486 2006 HN_{101} 6 8.9 286°.64 2°.2/ 8.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 34.95	−17 34.5	1.922	2.742	14.7	21.3
5 11	17 31.23	−17 24.6	1.828	2.730	11.6	21.1
5 21	17 25.12	−17 16.3	1.754	2.718	8.1	20.9
5 31	17 17.15	−17 10.6	1.706	2.706	4.3	20.6
6 10	17 8.15	−17 8.1	1.683	2.695	2.3	20.4
6 20	16 59.13	−17 9.7	1.687	2.683	5.4	20.6
6 30	16 51.11	−17 16.4	1.717	2.671	9.4	20.8
7 10	16 44.97	−17 28.7	1.770	2.660	13.0	21.0

177359 2004 BT_{3} 6 8.9 182°.59 0°.3/ 8.9 17

5 1	17 40.15	−22 8.7	1.961	2.770	14.8	21.4
5 11	17 35.21	−22 9.8	1.874	2.771	11.7	21.2
5 21	17 27.75	−22 9.5	1.809	2.772	8.0	21.0
5 31	17 18.37	−22 7.4	1.769	2.771	3.9	20.7
6 10	17 8.02	−22 3.1	1.755	2.770	0.6	20.4
6 20	16 57.76	−21 57.3	1.770	2.769	4.8	20.8
6 30	16 48.67	−21 51.4	1.811	2.767	8.9	21.0
7 10	16 41.61	−21 47.4	1.877	2.764	12.5	21.2

375701 2009 PY_{3} 6 8.9 307°.57 1°.9/ 8.5 17

5 1	17 34.15	−20 41.3	1.411	2.254	17.8	21.3
5 11	17 31.75	−20 14.9	1.311	2.227	14.3	21.0
5 21	17 26.18	−19 45.5	1.229	2.200	10.0	20.7
5 31	17 17.93	−19 14.0	1.169	2.173	5.1	20.4
6 10	17 8.05	−18 42.2	1.133	2.146	2.1	20.1
6 20	16 57.90	−18 12.9	1.121	2.120	6.8	20.3
6 30	16 49.03	−17 49.5	1.132	2.095	12.2	20.5
7 10	16 42.69	−17 35.1	1.163	2.070	17.0	20.7

92486 2000 LR_{30} 6 8.9 230°.04 1°.6/ 8.4 18

5 1	17 38.13	−21 19.9	2.136	2.944	13.8	19.5
5 11	17 33.41	−20 37.6	2.037	2.934	10.9	19.3
5 21	17 26.42	−19 51.3	1.960	2.923	7.5	19.0
5 31	17 17.70	−19 2.2	1.909	2.911	3.8	18.8
6 10	17 8.10	−18 12.2	1.886	2.899	1.7	18.6
6 20	16 58.57	−17 24.2	1.891	2.886	5.1	18.8
6 30	16 50.06	−16 41.1	1.924	2.873	8.9	19.0
7 10	16 43.36	−16 5.7	1.981	2.860	12.3	19.2

499211 2009 UT_{35} 6 8.9 183°.18 0°.3/ 8.9 17

5 1	17 38.54	−22 45.1	2.241	3.045	13.3	22.6
5 11	17 33.60	−22 37.9	2.151	3.046	10.5	22.4
5 21	17 26.47	−22 28.7	2.084	3.046	7.2	22.2
5 31	17 17.70	−22 16.9	2.043	3.045	3.5	22.0
6 10	17 8.11	−22 2.9	2.029	3.044	0.5	21.8
6 20	16 58.63	−21 47.5	2.044	3.042	4.3	22.1
6 30	16 50.17	−21 32.6	2.086	3.040	8.0	22.3
7 10	16 43.47	−21 20.0	2.154	3.038	11.3	22.5

296402 2009 GF_{1} 6 8.9 349°.60 1°.3/ 9.1 17

5 1	17 35.31	−24 5.8	1.256	2.104	19.3	20.4
5 11	17 32.90	−24 32.0	1.181	2.099	15.3	20.1
5 21	17 27.00	−24 57.4	1.123	2.095	10.6	19.8
5 31	17 18.29	−25 19.5	1.087	2.091	5.3	19.5
6 10	17 8.03	−25 36.1	1.074	2.089	1.4	19.2
6 20	16 57.82	−25 46.4	1.085	2.087	6.4	19.6
6 30	16 49.29	−25 51.9	1.118	2.086	11.7	19.8
7 10	16 43.68	−25 55.4	1.171	2.085	16.3	20.1

302482 2002 GK_{25} 6 8.9 111°.75 0°.5/ 8.8 17

5 1	17 34.68	−21 29.4	2.670	3.473	11.5	21.7
5 11	17 30.11	−21 24.0	2.593	3.486	9.0	21.6
5 21	17 23.82	−21 17.6	2.538	3.500	6.1	21.4
5 31	17 16.33	−21 10.2	2.510	3.513	2.9	21.2
6 10	17 8.29	−21 2.2	2.511	3.526	0.7	21.1
6 20	17 0.41	−20 54.1	2.540	3.538	3.7	21.3
6 30	16 53.37	−20 47.1	2.598	3.551	6.7	21.5
7 10	16 47.74	−20 42.3	2.681	3.563	9.4	21.7

439589 2014 DM_{122} 6 8.9 256°.02 0°.4/ 8.9 18

5 1	17 35.22	−22 26.2	2.132	2.946	13.6	21.2
5 11	17 31.16	−22 18.9	2.043	2.943	10.7	21.0
5 21	17 24.89	−22 9.7	1.975	2.939	7.3	20.8
5 31	17 16.97	−21 58.5	1.933	2.936	3.6	20.5
6 10	17 8.21	−21 45.6	1.918	2.933	0.6	20.3
6 20	16 59.52	−21 32.1	1.930	2.929	4.5	20.6
6 30	16 51.84	−21 19.5	1.969	2.926	8.2	20.8
7 10	16 45.92	−21 9.6	2.032	2.923	11.6	21.0

131196 2001 DY_{17} 6 8.9 313°.33 5°.2/ 9.4 18

5 1	17 38.87	−33 26.9	1.801	2.607	16.0	18.9
5 11	17 35.02	−34 24.5	1.713	2.600	13.1	18.7
5 21	17 28.12	−35 16.2	1.645	2.593	9.9	18.5
5 31	17 18.75	−35 56.8	1.601	2.586	6.7	18.3
6 10	17 7.98	−36 22.4	1.582	2.580	5.2	18.2
6 20	16 57.14	−36 31.0	1.588	2.573	7.0	18.3
6 30	16 47.62	−36 24.2	1.619	2.567	10.3	18.5
7 10	16 40.57	−36 6.5	1.673	2.561	13.7	18.6

257918 2000 *WR* 6 8.9 204°.46 7°.8/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 46.87	−53 5.1	3.266	3.948	11.9	21.3
5 11	17 40.39	−53 52.5	3.172	3.942	10.6	21.2
5 21	17 31.24	−54 26.8	3.098	3.936	9.3	21.1
5 31	17 20.06	−54 43.4	3.047	3.929	8.3	21.0
6 10	17 7.84	−54 39.3	3.021	3.922	7.8	20.9
6 20	16 55.73	−54 13.8	3.020	3.914	8.1	20.9
6 30	16 44.89	−53 28.9	3.045	3.906	9.0	21.0
7 10	16 36.20	−52 29.0	3.093	3.897	10.3	21.1

135716 2002 PZ_{56} 6 8.9 262°.26 3°.9/ 8.1 18

5 1	17 37.78	−14 45.2	1.843	2.658	15.4	20.3
5 11	17 33.65	−14 11.0	1.739	2.636	12.4	20.0
5 21	17 26.92	−13 38.6	1.655	2.614	8.9	19.8
5 31	17 18.11	−13 10.1	1.596	2.592	5.4	19.5
6 10	17 8.07	−12 47.8	1.563	2.569	4.0	19.4
6 20	16 57.88	−12 34.0	1.557	2.545	6.8	19.5
6 30	16 48.69	−12 30.5	1.576	2.521	10.8	19.7
7 10	16 41.47	−12 37.8	1.618	2.496	14.6	19.9

107514 2001 DW_{53} 6 8.9 219°.19 1°.4/ 8.6 18

5 1	17 40.09	−20 5.1	2.016	2.824	14.5	20.6
5 11	17 35.17	−19 50.2	1.918	2.814	11.5	20.4
5 21	17 27.76	−19 34.4	1.842	2.804	8.0	20.1
5 31	17 18.43	−19 18.0	1.791	2.793	4.0	19.9
6 10	17 8.05	−19 1.6	1.767	2.781	1.5	19.7
6 20	16 57.65	−18 46.5	1.772	2.768	5.2	19.9
6 30	16 48.32	−18 34.5	1.803	2.755	9.2	20.1
7 10	16 40.93	−18 27.3	1.858	2.740	12.9	20.3

106698 2000 WO_{166} 6 8.9 98°.79 2°.3/ 8.5 18

5 1	17 40.79	−18 54.5	1.597	2.418	17.1	20.2
5 11	17 35.87	−18 29.1	1.534	2.437	13.4	20.0
5 21	17 28.19	−18 3.9	1.491	2.455	9.2	19.8
5 31	17 18.54	−17 40.1	1.472	2.473	4.8	19.6
6 10	17 8.06	−17 19.1	1.479	2.491	2.4	19.5
6 20	16 57.97	−17 2.7	1.512	2.508	5.9	19.8
6 30	16 49.41	−16 52.8	1.571	2.525	10.1	20.0
7 10	16 43.20	−16 50.4	1.652	2.541	13.8	20.3

44467 1998 VU_{27} 6 8.9 227°.93 2°.9/ 8.1 18

5 1	17 35.36	−16 20.2	2.323	3.130	12.8	19.6
5 11	17 31.00	−15 43.1	2.227	3.121	10.2	19.4
5 21	17 24.67	−15 6.3	2.154	3.113	7.2	19.2
5 31	17 16.84	−14 31.5	2.107	3.104	4.2	19.0
6 10	17 8.25	−14 0.5	2.087	3.094	3.0	18.9
6 20	16 59.71	−13 35.3	2.096	3.084	5.3	19.0
6 30	16 52.03	−13 17.6	2.131	3.074	8.5	19.2
7 10	16 45.91	−13 8.3	2.191	3.063	11.6	19.3

336766 2011 AX_{77} 6 8.9 31°.28 14°.6/17.4 17

5 1	17 55.54	−59 22.0	1.515	2.225	22.5	19.8
5 11	17 50.26	−60 0.6	1.454	2.235	20.5	19.7
5 21	17 39.23	−60 9.2	1.407	2.246	18.3	19.5
5 31	17 24.01	−59 36.7	1.376	2.257	16.3	19.4
6 10	17 7.45	−58 16.9	1.363	2.269	15.0	19.4
6 20	16 52.52	−56 11.8	1.372	2.282	14.7	19.4
6 30	16 41.45	−53 32.3	1.402	2.295	15.6	19.5
7 10	16 35.19	−50 33.9	1.454	2.309	17.3	19.6

485162 2010 RT_{77} 6 8.9 281°.17 6°.7/ 6.7 18

5 1	17 32.35	− 4 28.8	2.400	3.191	12.9	21.6
5 11	17 28.63	− 3 34.4	2.300	3.171	10.9	21.4
5 21	17 23.06	− 2 46.6	2.221	3.149	8.7	21.2
5 31	17 16.09	− 2 9.2	2.167	3.128	7.1	21.1
6 10	17 8.33	− 1 45.3	2.139	3.107	6.8	21.0
6 20	17 0.52	− 1 36.9	2.137	3.085	8.2	21.1
6 30	16 53.42	− 1 45.0	2.160	3.063	10.4	21.2
7 10	16 47.69	− 2 8.5	2.205	3.041	12.8	21.3

61368 2000 PH_{22} 6 8.9 305°.86 0°.6/ 8.9 18

5 1	17 36.55	−19 25.8	1.290	2.135	19.1	18.4
5 11	17 34.04	−19 53.1	1.197	2.114	15.3	18.1
5 21	17 28.02	−20 26.0	1.122	2.093	10.7	17.7
5 31	17 18.96	−21 3.6	1.068	2.073	5.3	17.4
6 10	17 7.97	−21 43.7	1.038	2.053	0.9	17.0
6 20	16 56.60	−22 24.3	1.031	2.033	6.7	17.3
6 30	16 46.59	−23 4.2	1.047	2.014	12.4	17.6
7 10	16 39.44	−23 43.9	1.084	1.996	17.6	17.8

350730 2001 XC_{208} 6 8.9 153°.75 2°.4/ 8.6 18

5 1	17 35.68	−13 56.8	2.722	3.517	11.5	21.6
5 11	17 30.86	−14 1.9	2.637	3.524	9.1	21.5
5 21	17 24.36	−14 10.8	2.575	3.530	6.4	21.3
5 31	17 16.63	−14 23.9	2.540	3.536	3.7	21.1
6 10	17 8.29	−14 41.4	2.533	3.541	2.4	21.0
6 20	17 0.03	−15 3.1	2.556	3.546	4.4	21.2
6 30	16 52.52	−15 28.8	2.607	3.550	7.1	21.4
7 10	16 46.35	−15 58.2	2.683	3.555	9.7	21.5

17503 Celestechild 6 8.9 74°.31 4°.6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 52.72	−39 17.0	1.390	2.181	20.6	17.6
5 11	17 45.63	−38 25.5	1.333	2.210	16.8	17.4
5 21	17 34.79	−37 12.0	1.295	2.239	12.3	17.2
5 31	17 21.55	−35 34.0	1.280	2.268	7.7	17.1
6 10	17 7.77	−33 34.5	1.290	2.296	4.7	17.0
6 20	16 55.23	−31 21.7	1.328	2.324	6.7	17.2
6 30	16 45.31	−29 7.3	1.393	2.351	10.8	17.5
7 10	16 38.76	−27 1.9	1.481	2.378	14.7	17.8

393690 2004 SM_{29} 6 8.9 279°.12 4°.6/ 7.4 18

5 1	17 32.47	−10 31.4	2.481	3.283	12.3	21.3
5 11	17 28.68	− 9 46.6	2.377	3.263	10.0	21.1
5 21	17 23.08	− 9 5.0	2.296	3.243	7.5	20.9
5 31	17 16.10	− 8 29.2	2.239	3.223	5.3	20.7
6 10	17 8.36	− 8 1.7	2.210	3.202	4.7	20.7
6 20	17 0.59	− 7 44.4	2.209	3.181	6.4	20.7
6 30	16 53.52	− 7 38.4	2.233	3.160	9.0	20.9
7 10	16 47.80	− 7 44.0	2.282	3.139	11.7	21.0

250857 2005 UA_{285} 6 8.9 180°.61 0°.4/ 8.9 18

5 1	17 34.62	−21 3.0	2.398	3.206	12.4	20.5
5 11	17 30.43	−21 10.4	2.309	3.206	9.8	20.3
5 21	17 24.28	−21 17.7	2.244	3.206	6.7	20.1
5 31	17 16.67	−21 24.7	2.204	3.206	3.2	19.9
6 10	17 8.32	−21 31.1	2.191	3.206	0.6	19.6
6 20	17 0.03	−21 37.0	2.207	3.206	4.0	19.9
6 30	16 52.60	−21 43.1	2.251	3.206	7.4	20.1
7 10	16 46.72	−21 50.5	2.319	3.206	10.5	20.3

497974 2007 BQ_{101} 6 8.9 243°.81 2°.6/ 8.5 17

5 1	17 38.09	−16 17.1	1.974	2.785	14.6	22.5
5 11	17 33.68	−16 5.5	1.874	2.771	11.7	22.3
5 21	17 26.83	−15 56.3	1.796	2.757	8.2	22.0
5 31	17 18.04	−15 50.5	1.743	2.742	4.6	21.8
6 10	17 8.16	−15 48.9	1.716	2.726	2.7	21.6
6 20	16 58.20	−15 52.4	1.716	2.710	5.7	21.8
6 30	16 49.23	−16 1.8	1.743	2.693	9.6	22.0
7 10	16 42.12	−16 17.5	1.794	2.676	13.2	22.2

43417 2000 WE_{169} 6 8.9 238°.20 0°.8/ 8.8 18

5 1	17 39.83	−22 52.2	1.813	2.628	15.6	19.5
5 11	17 35.32	−22 27.6	1.716	2.616	12.4	19.3
5 21	17 28.07	−21 58.8	1.639	2.603	8.6	19.0
5 31	17 18.67	−21 26.0	1.586	2.589	4.2	18.7
6 10	17 8.09	−20 50.2	1.560	2.575	1.0	18.5
6 20	16 57.52	−20 13.6	1.562	2.560	5.4	18.8
6 30	16 48.14	−19 39.3	1.589	2.545	9.9	19.0
7 10	16 40.95	−19 10.7	1.640	2.529	13.9	19.2

19161 Sakawa 6 8.9 268°.56 3°.3/ 8.5 18

5 1	17 38.42	−15 48.2	1.571	2.397	17.1	19.0
5 11	17 34.68	−15 34.7	1.474	2.378	13.8	18.7
5 21	17 27.95	−15 24.7	1.396	2.359	9.8	18.4
5 31	17 18.75	−15 19.7	1.341	2.340	5.5	18.1
6 10	17 8.07	−15 21.0	1.311	2.321	3.4	17.9
6 20	16 57.20	−15 29.5	1.306	2.301	6.9	18.1
6 30	16 47.51	−15 46.0	1.326	2.281	11.6	18.3
7 10	16 40.15	−16 10.8	1.368	2.260	15.9	18.5

395669 2011 WO_{100} 6 8.9 186°.55 0°.8/ 8.9 18

5 1	17 36.30	−18 27.6	2.674	3.472	11.6	20.7
5 11	17 31.53	−18 51.1	2.581	3.472	9.1	20.6
5 21	17 24.95	−19 17.0	2.512	3.471	6.2	20.4
5 31	17 16.99	−19 44.5	2.469	3.471	3.1	20.2
6 10	17 8.31	−20 12.9	2.455	3.469	0.9	20.0
6 20	16 59.63	−20 41.6	2.471	3.468	3.8	20.2
6 30	16 51.70	−21 10.3	2.515	3.467	6.9	20.4
7 10	16 45.16	−21 39.2	2.585	3.465	9.8	20.6

28853 Bukhamsin 6 8.9 312°.02 1°.0/ 8.8 18

5 1	17 35.07	−20 13.1	2.051	2.868	14.0	19.0
5 11	17 31.12	−20 9.7	1.965	2.866	11.0	18.8
5 21	17 24.93	−20 6.4	1.900	2.864	7.6	18.6
5 31	17 17.05	−20 3.1	1.860	2.862	3.7	18.4
6 10	17 8.30	−20 0.3	1.847	2.861	1.1	18.2
6 20	16 59.62	−19 58.6	1.861	2.859	4.7	18.4
6 30	16 51.97	−19 58.9	1.901	2.858	8.5	18.7
7 10	16 46.10	−20 2.5	1.966	2.856	11.9	18.9

430948 2005 UP_{309} 6 8.9 142°.38 1°.2/ 8.6 17

5 1	17 38.59	−21 12.4	2.080	2.888	14.1	22.0
5 11	17 33.67	−20 45.8	2.001	2.897	11.1	21.8
5 21	17 26.51	−20 17.1	1.943	2.906	7.6	21.6
5 31	17 17.74	−19 46.9	1.912	2.914	3.7	21.4
6 10	17 8.23	−19 16.6	1.908	2.922	1.4	21.2
6 20	16 58.94	−18 47.9	1.932	2.929	4.8	21.5
6 30	16 50.79	−18 23.2	1.983	2.935	8.5	21.7
7 10	16 44.50	−18 4.1	2.059	2.942	11.7	21.9

237126 2008 UE_4 6 8.9 259°.22 3°.9/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.49	−12 47.1	2.205	3.009	13.5	21.4
5 11	17 32.17	−12 21.7	2.098	2.988	10.9	21.2
5 21	17 25.67	−11 59.7	2.012	2.966	8.0	20.9
5 31	17 17.45	−11 43.1	1.952	2.943	5.1	20.7
6 10	17 8.25	−11 33.5	1.918	2.920	4.0	20.6
6 20	16 58.93	−11 32.4	1.912	2.896	6.2	20.7
6 30	16 50.41	−11 40.7	1.933	2.872	9.5	20.8
7 10	16 43.50	−11 58.2	1.978	2.848	12.7	21.0

9282 Lucylim 6 8.9 289°.95 0°.2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.49	−24 20.7	1.328	2.168	18.9	18.5
5 11	17 34.68	−24 1.0	1.233	2.147	15.1	18.2
5 21	17 28.36	−23 35.2	1.156	2.126	10.6	17.8
5 31	17 19.08	−23 2.5	1.101	2.106	5.2	17.5
6 10	17 8.05	−22 23.6	1.069	2.085	0.7	17.1
6 20	16 56.83	−21 41.3	1.062	2.064	6.6	17.4
6 30	16 47.12	−21 0.1	1.077	2.043	12.3	17.7
7 10	16 40.28	−20 25.2	1.113	2.022	17.4	17.9

211149 2002 GC_{135} 6 8.9 259°.29 2°.7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.98	−18 28.5	1.611	2.437	16.7	20.4
5 11	17 34.16	−17 58.9	1.518	2.424	13.4	20.1
5 21	17 27.45	−17 28.7	1.445	2.411	9.4	19.8
5 31	17 18.43	−16 59.4	1.396	2.397	5.0	19.5
6 10	17 8.14	−16 32.7	1.372	2.383	2.8	19.4
6 20	16 57.81	−16 11.2	1.373	2.369	6.5	19.6
6 30	16 48.73	−15 57.1	1.400	2.354	11.1	19.8
7 10	16 41.95	−15 52.2	1.448	2.340	15.2	20.0

58302 1994 PX_8 6 8.9 145°.59 0°.6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.73	−25 3.3	2.688	3.487	11.5	19.8
5 11	17 31.04	−25 5.7	2.604	3.494	9.1	19.6
5 21	17 24.55	−25 5.4	2.542	3.501	6.2	19.4
5 31	17 16.76	−25 1.6	2.506	3.508	3.1	19.2
6 10	17 8.36	−24 54.3	2.499	3.514	0.6	19.0
6 20	17 0.07	−24 44.1	2.521	3.520	3.6	19.3
6 30	16 52.64	−24 32.2	2.571	3.526	6.7	19.5
7 10	16 46.65	−24 20.3	2.647	3.531	9.4	19.7

86283 1999 UP_{24} 6 8.9 248°.69 0°.6/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 34.22	−22 33.8	2.600	3.405	11.7	19.6
5 11	17 30.00	−22 12.1	2.499	3.394	9.2	19.5
5 21	17 23.94	−21 47.7	2.421	3.383	6.3	19.3
5 31	17 16.51	−21 20.9	2.370	3.372	3.1	19.0
6 10	17 8.39	−20 52.5	2.346	3.361	0.7	18.8
6 20	17 0.30	−20 24.0	2.352	3.350	3.9	19.0
6 30	16 53.01	−19 57.1	2.385	3.338	7.2	19.2
7 10	16 47.14	−19 33.9	2.443	3.326	10.1	19.4

20631 Stefuller 6 8.9 303°.98 1°.4/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.69	−23 35.3	1.409	2.245	18.2	17.4
5 11	17 34.68	−24 13.3	1.318	2.230	14.6	17.2
5 21	17 28.29	−24 53.0	1.247	2.215	10.2	16.9
5 31	17 19.04	−25 31.5	1.197	2.201	5.2	16.5
6 10	17 8.06	−26 5.6	1.172	2.186	1.5	16.2
6 20	16 56.85	−26 33.2	1.172	2.173	6.3	16.5
6 30	16 47.05	−26 54.3	1.195	2.159	11.5	16.8
7 10	16 39.99	−27 11.1	1.239	2.146	16.2	17.0

283873 2003 XX_{23} 6 8.9 81°.01 0°.0/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 37.04	−22 33.0	1.977	2.792	14.5	21.1
5 11	17 32.65	−22 38.1	1.904	2.804	11.4	20.9
5 21	17 25.93	−22 42.0	1.852	2.816	7.7	20.7
5 31	17 17.50	−22 44.0	1.825	2.828	3.7	20.5
6 10	17 8.28	−22 43.8	1.825	2.840	0.4	20.3
6 20	16 59.26	−22 41.9	1.852	2.852	4.5	20.6
6 30	16 51.41	−22 39.6	1.906	2.863	8.4	20.9
7 10	16 45.49	−22 38.6	1.983	2.875	11.7	21.1

343430 2010 DV_{42} 6 8.9 218°.78 3°.0/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.16	−15 24.4	2.285	3.091	13.1	21.9
5 11	17 31.69	−14 58.0	2.191	3.084	10.4	21.7
5 21	17 25.19	−14 33.2	2.118	3.076	7.4	21.5
5 31	17 17.16	−14 11.6	2.072	3.068	4.3	21.3
6 10	17 8.32	−13 54.7	2.053	3.059	3.0	21.2
6 20	16 59.52	−13 43.6	2.061	3.050	5.4	21.3
6 30	16 51.59	−13 39.7	2.097	3.041	8.6	21.5
7 10	16 45.25	−13 43.5	2.157	3.031	11.7	21.7

36691 2000 RH_7 6 8.9 103°.03 2°.4/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 40.46	−27 11.2	1.486	2.312	17.9	18.3
5 11	17 36.46	−27 38.3	1.410	2.314	14.3	18.1
5 21	17 29.17	−28 1.5	1.353	2.316	10.0	17.8
5 31	17 19.30	−28 17.4	1.318	2.319	5.4	17.6
6 10	17 8.08	−28 23.8	1.309	2.321	2.4	17.4
6 20	16 57.01	−28 20.3	1.324	2.324	6.0	17.6
6 30	16 47.56	−28 9.4	1.364	2.326	10.6	17.9
7 10	16 40.84	−27 55.1	1.426	2.328	14.8	18.1

254597 2005 GM_{92} 6 8.9 80°.72 0°.9/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 39.51	−19 17.3	1.508	2.337	17.6	20.1
5 11	17 35.43	−19 37.8	1.434	2.341	13.9	19.8
5 21	17 28.31	−20 1.4	1.379	2.346	9.6	19.6
5 31	17 18.83	−20 27.1	1.347	2.350	4.7	19.3
6 10	17 8.14	−20 53.6	1.340	2.355	1.1	19.1
6 20	16 57.57	−21 19.7	1.359	2.359	5.7	19.4
6 30	16 48.47	−21 45.7	1.403	2.364	10.5	19.7
7 10	16 41.86	−22 12.2	1.469	2.368	14.6	19.9

437543 2013 YV_{124} 6 8.9 266°.44 3°.5/ 9.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.21	−31 40.8	2.011	2.814	14.7	21.6
5 11	17 34.01	−32 7.3	1.919	2.807	11.9	21.4
5 21	17 27.17	−32 27.3	1.847	2.800	8.6	21.2
5 31	17 18.24	−32 37.8	1.800	2.793	5.3	20.9
6 10	17 8.20	−32 36.7	1.779	2.785	3.5	20.8
6 20	16 58.18	−32 23.8	1.785	2.778	5.6	20.9
6 30	16 49.34	−32 1.3	1.817	2.771	9.0	21.1
7 10	16 42.62	−31 33.1	1.872	2.763	12.4	21.3

301867 1995 UR_{17} 6 8.9 187°.06 0°.3/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.50	−24 27.1	2.528	3.330	12.0	21.9
5 11	17 31.03	−24 22.1	2.437	3.330	9.5	21.7
5 21	17 24.65	−24 14.1	2.368	3.329	6.5	21.5
5 31	17 16.86	−24 2.9	2.326	3.329	3.2	21.3
6 10	17 8.38	−23 48.6	2.312	3.327	0.4	21.0
6 20	16 59.98	−23 31.9	2.327	3.326	3.8	21.3
6 30	16 52.46	−23 14.5	2.369	3.324	7.1	21.5
7 10	16 46.46	−22 58.2	2.437	3.323	10.1	21.7

248130 2004 RC_{347} 6 8.9 325°.05 5°.6/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 31.92	− 7 36.2	2.178	2.984	13.6	19.9
5 11	17 28.44	− 7 3.9	2.092	2.977	11.2	19.8
5 21	17 23.00	− 6 38.7	2.026	2.970	8.6	19.6
5 31	17 16.11	− 6 23.6	1.985	2.963	6.3	19.4
6 10	17 8.47	− 6 20.6	1.970	2.957	5.7	19.4
6 20	17 0.86	− 6 30.8	1.981	2.951	7.2	19.5
6 30	16 54.10	− 6 54.1	2.018	2.945	9.8	19.6
7 10	16 48.86	− 7 29.3	2.077	2.940	12.5	19.8

336230 2008 SS_{88} 6 8.9 218°.49 2°.6/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 36.35	−16 12.7	2.221	3.028	13.3	21.6
5 11	17 31.92	−15 51.6	2.127	3.022	10.6	21.4
5 21	17 25.40	−15 32.0	2.056	3.015	7.5	21.2
5 31	17 17.28	−15 15.2	2.010	3.007	4.2	21.0
6 10	17 8.33	−15 2.3	1.991	3.000	2.7	20.9
6 20	16 59.42	−14 54.6	2.000	2.991	5.3	21.0
6 30	16 51.42	−14 53.2	2.036	2.983	8.6	21.2
7 10	16 45.05	−14 58.5	2.097	2.974	11.8	21.4

376882 2001 WO_{70} 6 8.9 295°.35 2°.3/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.90	−25 38.5	1.657	2.479	16.5	21.1
5 11	17 35.08	−26 24.2	1.568	2.470	13.2	20.8
5 21	17 28.23	−27 9.7	1.499	2.462	9.3	20.6
5 31	17 18.90	−27 51.6	1.453	2.454	5.0	20.3
6 10	17 8.13	−28 26.5	1.433	2.446	2.3	20.1
6 20	16 57.24	−28 52.6	1.439	2.438	5.8	20.3
6 30	16 47.64	−29 10.0	1.471	2.430	10.2	20.5
7 10	16 40.47	−29 21.3	1.524	2.422	14.3	20.7

391714 2008 CK_{43} 6 8.9 43°.69 1°.2/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 35.45	−25 39.2	2.055	2.869	14.0	21.2
5 11	17 31.45	−25 55.1	1.979	2.878	11.1	21.0
5 21	17 25.15	−26 8.0	1.924	2.886	7.6	20.8
5 31	17 17.16	−26 16.7	1.893	2.895	3.9	20.6
6 10	17 8.35	−26 20.3	1.890	2.904	1.2	20.4
6 20	16 59.70	−26 18.9	1.914	2.913	4.5	20.6
6 30	16 52.16	−26 14.1	1.964	2.923	8.1	20.9
7 10	16 46.49	−26 8.0	2.038	2.932	11.3	21.1

184021 2004 FY_{36} 6 8.9 66°.07 0°.2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 38.98	−22 31.2	1.539	2.366	17.3	20.3
5 11	17 34.88	−22 46.6	1.471	2.378	13.6	20.1
5 21	17 27.82	−23 1.3	1.422	2.389	9.3	19.9
5 31	17 18.54	−23 14.0	1.397	2.401	4.5	19.6
6 10	17 8.20	−23 23.7	1.397	2.412	0.5	19.3
6 20	16 58.12	−23 30.2	1.423	2.424	5.4	19.7
6 30	16 49.56	−23 35.0	1.474	2.436	10.0	20.0
7 10	16 43.47	−23 40.1	1.547	2.448	13.9	20.3

263615 2008 GA_5 6 8.9 346°.66 4°.7/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 32.65	−10 23.0	2.118	2.929	13.8	20.7
5 11	17 29.04	− 9 53.3	2.035	2.927	11.2	20.5
5 21	17 23.42	− 9 29.2	1.974	2.925	8.3	20.3
5 31	17 16.31	− 9 13.1	1.937	2.924	5.7	20.1
6 10	17 8.46	− 9 7.1	1.926	2.922	4.8	20.1
6 20	17 0.69	− 9 12.0	1.942	2.921	6.6	20.2
6 30	16 53.82	− 9 28.1	1.983	2.920	9.4	20.3
7 10	16 48.54	− 9 54.6	2.048	2.919	12.3	20.5

10333 1991 NZ_6 6 8.9 225°.26 1°.3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 35.69	−19 8.3	2.461	3.265	12.3	18.4
5 11	17 31.26	−19 2.6	2.363	3.257	9.7	18.2
5 21	17 24.88	−18 57.4	2.288	3.249	6.7	18.0
5 31	17 17.02	−18 52.8	2.239	3.240	3.4	17.7
6 10	17 8.39	−18 49.2	2.218	3.231	1.4	17.6
6 20	16 59.76	−18 47.2	2.225	3.221	4.3	17.8
6 30	16 51.94	−18 47.7	2.260	3.211	7.6	18.0
7 10	16 45.62	−18 51.5	2.320	3.201	10.7	18.1

226346 2003 FG_{126} 6 8.9 341°.09 2°.0/ 9.3 17

5 1	17 37.49	−27 32.1	1.620	2.444	16.7	20.3
5 11	17 33.86	−27 44.8	1.538	2.442	13.4	20.0
5 21	17 27.27	−27 52.4	1.476	2.440	9.4	19.8
5 31	17 18.35	−27 52.6	1.437	2.438	5.0	19.5
6 10	17 8.24	−27 44.2	1.423	2.436	2.0	19.3
6 20	16 58.23	−27 27.8	1.435	2.435	5.6	19.6
6 30	16 49.66	−27 6.1	1.472	2.434	10.0	19.8
7 10	16 43.52	−26 43.0	1.531	2.433	13.9	20.1

160132 2000 YJ_7 6 8.9 205°.11 0°.9/ 8.8 18

5 1	17 34.90	−19 3.1	2.995	3.791	10.5	20.8
5 11	17 30.26	−19 10.0	2.897	3.786	8.3	20.7
5 21	17 24.00	−19 17.8	2.822	3.781	5.7	20.5
5 31	17 16.54	−19 26.3	2.774	3.775	2.8	20.3
6 10	17 8.45	−19 35.6	2.755	3.769	1.0	20.1
6 20	17 0.37	−19 45.5	2.765	3.762	3.5	20.3
6 30	16 52.93	−19 56.6	2.805	3.755	6.4	20.5
7 10	16 46.72	−20 9.2	2.870	3.747	9.0	20.7

272683 2005 XH_{48} 6 8.9 100°.75 0°.6/ 9.1 17

5 1	17 39.78	−23 52.4	1.881	2.694	15.2	21.7
5 11	17 34.95	−24 7.9	1.810	2.708	12.0	21.5
5 21	17 27.58	−24 21.7	1.760	2.723	8.2	21.3
5 31	17 18.35	−24 32.1	1.734	2.737	4.0	21.0
6 10	17 8.25	−24 38.4	1.736	2.750	0.7	20.8
6 20	16 58.38	−24 40.5	1.764	2.764	4.7	21.1
6 30	16 49.81	−24 39.9	1.819	2.777	8.7	21.4
7 10	16 43.35	−24 38.8	1.898	2.790	12.2	21.7

16281 2071 P–L 6 8.9 302°.15 0°.9/ 8.8 18

5 1	17 35.34	−21 41.3	1.743	2.570	15.7	19.5
5 11	17 31.88	−21 27.0	1.652	2.559	12.4	19.3
5 21	17 25.78	−21 10.7	1.582	2.549	8.5	19.0
5 31	17 17.61	−20 52.5	1.535	2.538	4.2	18.7
6 10	17 8.33	−20 33.4	1.514	2.528	1.1	18.5
6 20	16 59.07	−20 14.8	1.519	2.519	5.4	18.8
6 30	16 50.98	−19 58.9	1.549	2.509	9.8	19.0
7 10	16 45.01	−19 47.8	1.602	2.499	13.7	19.2

215633 2003 ST_{321} 6 8.9 192°.60 3°.7/ 8.4 17

5 1	17 38.74	−14 34.7	1.753	2.569	16.0	20.8
5 11	17 34.31	−14 10.8	1.670	2.569	12.8	20.6
5 21	17 27.29	−13 50.4	1.608	2.567	9.1	20.4
5 31	17 18.29	−13 35.4	1.569	2.566	5.4	20.2
6 10	17 8.26	−13 27.4	1.557	2.563	3.8	20.1
6 20	16 58.32	−13 27.6	1.571	2.561	6.6	20.2
6 30	16 49.59	−13 36.9	1.610	2.558	10.4	20.4
7 10	16 42.94	−13 55.2	1.672	2.554	14.1	20.7

304775 2007 GY_{46} 6 8.9 353°.89 4°.7/ 8.3 17

5 1	17 32.59	−16 3.0	1.051	1.915	21.0	19.8
5 11	17 31.01	−15 24.1	0.984	1.911	16.9	19.5
5 21	17 25.84	−14 47.9	0.934	1.907	12.0	19.2
5 31	17 17.82	−14 18.4	0.903	1.904	7.0	18.9
6 10	17 8.31	−13 59.2	0.893	1.903	4.8	18.8
6 20	16 58.95	−13 53.0	0.905	1.902	8.6	19.0
6 30	16 51.39	−14 1.4	0.938	1.903	13.8	19.2
7 10	16 46.83	−14 23.9	0.989	1.904	18.5	19.5

478668 2012 TL_{263} 6 8.9 227°.25 0°.2/ 9.0 17

5 1	17 36.99	−23 0.5	2.138	2.948	13.7	21.9
5 11	17 32.66	−23 12.6	2.046	2.944	10.8	21.7
5 21	17 26.04	−23 23.6	1.976	2.939	7.4	21.5
5 31	17 17.65	−23 32.7	1.932	2.934	3.6	21.2
6 10	17 8.33	−23 39.1	1.914	2.929	0.5	20.9
6 20	16 59.03	−23 42.9	1.925	2.924	4.4	21.2
6 30	16 50.73	−23 45.1	1.962	2.919	8.2	21.5
7 10	16 44.22	−23 47.2	2.023	2.913	11.6	21.7

216282 2006 XP_{23} 6 8.9 274°.09 2°.5/ 8.7 18

5 1	17 34.94	−14 31.3	2.248	3.056	13.2	20.7
5 11	17 30.80	−14 35.8	2.159	3.053	10.5	20.5
5 21	17 24.64	−14 44.7	2.091	3.050	7.4	20.3
5 31	17 16.93	−14 58.6	2.049	3.046	4.2	20.1
6 10	17 8.42	−15 17.7	2.034	3.043	2.6	19.9
6 20	16 59.93	−15 41.8	2.047	3.040	5.0	20.1
6 30	16 52.31	−16 10.6	2.087	3.037	8.3	20.3
7 10	16 46.27	−16 43.7	2.151	3.033	11.4	20.5

478377 2012 AJ_6 6 8.9 210°.94 6°.8/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 33.66	+ 4 6.1	3.238	3.978	10.9	21.6
5 11	17 29.05	+ 4 33.2	3.148	3.971	9.5	21.5
5 21	17 23.06	+ 4 49.9	3.080	3.963	8.1	21.4
5 31	17 16.05	+ 4 53.6	3.036	3.955	7.1	21.3
6 10	17 8.54	+ 4 42.6	3.019	3.946	6.9	21.3
6 20	17 1.05	+ 4 16.5	3.028	3.937	7.6	21.3
6 30	16 54.13	+ 3 35.8	3.064	3.927	8.9	21.4
7 10	16 48.26	+ 2 42.5	3.123	3.917	10.4	21.5

260935 2005 SJ_4 6 8.9 128°.64 1°.2/ 8.6 18

5 1	17 34.37	−19 30.8	2.825	3.625	11.0	21.8
5 11	17 29.79	−19 16.8	2.745	3.637	8.6	21.7
5 21	17 23.62	−19 2.6	2.688	3.648	5.9	21.5
5 31	17 16.33	−18 48.6	2.659	3.660	3.0	21.3
6 10	17 8.52	−18 35.5	2.658	3.671	1.3	21.2
6 20	17 0.86	−18 24.1	2.686	3.681	3.7	21.4
6 30	16 53.97	−18 15.4	2.742	3.691	6.5	21.6
7 10	16 48.39	−18 10.2	2.824	3.701	9.1	21.8

72153 2000 YE_{97} 6 8.9 206°.37 0°.5/ 9.1 17

5 1	17 40.97	−24 26.1	1.880	2.690	15.3	20.4
5 11	17 36.15	−24 28.3	1.789	2.686	12.2	20.1
5 21	17 28.61	−24 27.5	1.718	2.681	8.4	19.9
5 31	17 18.97	−24 22.6	1.673	2.675	4.1	19.6
6 10	17 8.21	−24 12.8	1.653	2.668	0.6	19.3
6 20	16 57.49	−23 59.0	1.662	2.661	5.0	19.6
6 30	16 47.99	−23 43.1	1.697	2.654	9.3	19.9
7 10	16 40.65	−23 28.1	1.755	2.646	13.1	20.1

179175 2001 TC_{110} 6 8.9 196°.27 1°.6/ 9.4 18

5 1	17 36.91	−28 31.4	2.756	3.547	11.5	21.7
5 11	17 32.08	−28 39.8	2.660	3.545	9.1	21.5
5 21	17 25.37	−28 43.9	2.587	3.541	6.4	21.3
5 31	17 17.25	−28 42.4	2.540	3.538	3.5	21.1
6 10	17 8.41	−28 34.6	2.522	3.534	1.6	21.0
6 20	16 59.64	−28 21.0	2.533	3.530	3.8	21.1
6 30	16 51.69	−28 3.0	2.572	3.525	6.8	21.3
7 10	16 45.23	−27 42.9	2.637	3.519	9.5	21.5

513209 2005 UB_{40} 6 8.9 232°.32 0°.0/ 8.9 18

5 1	17 34.79	−23 6.7	2.770	3.570	11.2	22.9
5 11	17 30.40	−23 8.0	2.668	3.560	8.8	22.7
5 21	17 24.22	−23 7.8	2.589	3.550	6.0	22.5
5 31	17 16.70	−23 5.6	2.537	3.539	2.9	22.3
6 10	17 8.48	−23 1.3	2.513	3.528	0.3	22.0
6 20	17 0.25	−22 55.3	2.518	3.517	3.6	22.3
6 30	16 52.75	−22 48.8	2.552	3.506	6.7	22.5
7 10	16 46.60	−22 42.9	2.611	3.494	9.6	22.6

158089 2000 WT_{25} 6 8.9 274°.42 0°.8/ 9.1 17

5 1	17 37.75	−25 0.4	1.906	2.720	15.0	21.2
5 11	17 33.78	−25 5.9	1.801	2.701	11.9	21.0
5 21	17 27.14	−25 8.4	1.717	2.681	8.3	20.7
5 31	17 18.34	−25 6.6	1.658	2.660	4.2	20.4
6 10	17 8.28	−24 59.6	1.625	2.640	0.9	20.1
6 20	16 58.07	−24 47.8	1.619	2.619	5.0	20.4
6 30	16 48.93	−24 33.2	1.639	2.598	9.4	20.6
7 10	16 41.85	−24 18.4	1.682	2.577	13.3	20.8

282399 2003 SV_{294} 6 8.9 281°.25 10°.5/ 2.9 16

5 1	17 35.61	− 0 53.7	2.018	2.803	15.3	20.2
5 11	17 31.58	+ 1 21.2	1.925	2.781	13.3	20.0
5 21	17 25.34	+ 3 31.4	1.854	2.759	11.5	19.9
5 31	17 17.36	+ 5 29.0	1.808	2.736	10.5	19.7
6 10	17 8.40	+ 7 6.6	1.787	2.714	10.8	19.7
6 20	16 59.37	+ 8 18.3	1.791	2.691	12.4	19.8
6 30	16 51.21	+ 9 1.3	1.818	2.668	14.5	19.8
7 10	16 44.73	+ 9 16.4	1.864	2.645	16.9	20.0

237208 2008 UK_{290} 6 8.9 177°.27 1°.2/ 8.8 17

5 1	17 36.42	−19 31.0	1.976	2.793	14.4	21.2
5 11	17 32.28	−19 31.0	1.892	2.793	11.4	21.0
5 21	17 25.80	−19 31.9	1.829	2.793	7.8	20.8
5 31	17 17.55	−19 33.6	1.791	2.793	3.9	20.6
6 10	17 8.39	−19 36.3	1.779	2.793	1.3	20.4
6 20	16 59.32	−19 40.4	1.795	2.793	4.9	20.6
6 30	16 51.31	−19 46.6	1.837	2.793	8.7	20.8
7 10	16 45.18	−19 56.0	1.903	2.793	12.2	21.1

435799 2008 VU_{11} 6 8.9 241°.55 0°.9/ 8.9 17

5 1	17 37.04	−19 42.1	2.004	2.818	14.4	21.4
5 11	17 32.82	−19 51.3	1.913	2.813	11.4	21.2
5 21	17 26.23	−20 1.8	1.844	2.807	7.8	20.9
5 31	17 17.79	−20 13.4	1.799	2.802	3.9	20.7
6 10	17 8.36	−20 25.5	1.782	2.796	1.0	20.4
6 20	16 58.94	−20 38.1	1.792	2.791	4.8	20.7
6 30	16 50.53	−20 51.7	1.828	2.785	8.8	20.9
7 10	16 44.00	−21 7.2	1.889	2.779	12.3	21.1

55471 2001 TZ_{226} 6 8.9 70°.44 7°.5/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 43.38	−40 58.2	2.041	2.813	15.5	18.3
5 11	17 38.39	−42 15.7	1.972	2.826	13.1	18.2
5 21	17 30.33	−43 22.3	1.924	2.840	10.6	18.1
5 31	17 19.85	−44 11.9	1.899	2.853	8.4	18.0
6 10	17 8.13	−44 39.9	1.899	2.867	7.5	17.9
6 20	16 56.54	−44 45.1	1.924	2.881	8.4	18.0
6 30	16 46.46	−44 29.9	1.975	2.894	10.4	18.1
7 10	16 38.93	−44 0.0	2.048	2.908	12.8	18.3

299892 2006 SF_{346} 6 8.9 140°.81 0°.6/ 9.2 18

5 1	17 36.25	−25 32.2	2.565	3.364	12.0	21.5
5 11	17 31.54	−25 26.9	2.481	3.372	9.4	21.3
5 21	17 24.96	−25 18.1	2.420	3.380	6.5	21.2
5 31	17 17.03	−25 5.3	2.385	3.387	3.2	21.0
6 10	17 8.47	−24 48.6	2.379	3.394	0.6	20.8
6 20	17 0.05	−24 29.0	2.401	3.400	3.7	21.0
6 30	16 52.55	−24 8.1	2.452	3.407	6.9	21.2
7 10	16 46.58	−23 48.0	2.527	3.413	9.8	21.4

204262 2004 FZ_{21} 6 9.0 81°.46 1°.4/ 8.7 18

5 1	17 35.98	−19 37.6	2.121	2.934	13.7	20.1
5 11	17 31.58	−19 25.3	2.050	2.949	10.7	19.9
5 21	17 25.09	−19 13.0	2.001	2.964	7.3	19.7
5 31	17 17.11	−19 1.2	1.977	2.979	3.7	19.5
6 10	17 8.47	−18 50.6	1.981	2.994	1.5	19.4
6 20	17 0.05	−18 42.1	2.012	3.009	4.6	19.6
6 30	16 52.71	−18 36.9	2.070	3.024	8.1	19.8
7 10	16 47.10	−18 36.0	2.152	3.038	11.2	20.1

107535 2001 DB_{68} 6 9.0 342°.00 5°.5/ 9.9 18

5 1	17 37.58	−33 34.2	1.334	2.164	19.3	19.3
5 11	17 34.93	−34 10.9	1.256	2.158	15.9	19.0
5 21	17 28.57	−34 37.8	1.196	2.153	11.8	18.8
5 31	17 19.21	−34 49.3	1.157	2.149	7.7	18.5
6 10	17 8.21	−34 41.6	1.141	2.145	5.5	18.4
6 20	16 57.32	−34 14.7	1.148	2.141	7.8	18.5
6 30	16 48.27	−33 32.8	1.177	2.138	12.0	18.7
7 10	16 42.34	−32 43.2	1.227	2.136	16.2	19.0

307002 2001 WM_{92} 6 9.0 237°.68 0°.1/ 8.9 18

5 1	17 38.66	−25 5.0	1.897	2.710	15.1	20.4
5 11	17 34.26	−24 35.0	1.803	2.702	12.0	20.2
5 21	17 27.27	−23 58.8	1.730	2.694	8.2	19.9
5 31	17 18.30	−23 16.5	1.682	2.685	4.0	19.6
6 10	17 8.34	−22 29.4	1.661	2.676	0.5	19.3
6 20	16 58.46	−21 40.1	1.668	2.667	5.0	19.7
6 30	16 49.80	−20 52.2	1.700	2.658	9.2	19.9
7 10	16 43.22	−20 9.5	1.757	2.648	13.0	20.1

235858 2005 AW_{37} 6 9.0 201°.32 2°.4/ 9.5 17

5 1	17 38.49	−29 14.1	2.098	2.901	14.2	21.3
5 11	17 33.99	−29 32.6	2.009	2.900	11.3	21.1
5 21	17 27.03	−29 45.9	1.942	2.898	8.0	20.9
5 31	17 18.18	−29 51.7	1.899	2.896	4.5	20.7
6 10	17 8.35	−29 48.8	1.884	2.894	2.4	20.5
6 20	16 58.59	−29 37.3	1.895	2.892	4.9	20.7
6 30	16 49.97	−29 19.1	1.934	2.889	8.4	20.9
7 10	16 43.32	−28 57.5	1.996	2.886	11.7	21.1

236320 2006 BO_{56} 6 9.0 347°.52 7°.4/ 9.5 17

5 1	17 39.00	−36 12.0	1.541	2.353	18.0	19.8
5 11	17 35.86	−37 29.6	1.462	2.348	15.0	19.6
5 21	17 29.16	−38 39.4	1.401	2.344	11.7	19.4
5 31	17 19.52	−39 34.2	1.363	2.340	8.7	19.2
6 10	17 8.19	−40 8.0	1.348	2.337	7.4	19.1
6 20	16 56.79	−40 18.2	1.357	2.335	8.9	19.2
6 30	16 47.04	−40 6.8	1.389	2.333	12.0	19.4
7 10	16 40.26	−39 40.0	1.442	2.332	15.4	19.6

43033 1999 VT_{29} 6 9.0 19°.97 2°.5/ 7.9 18

5 1	17 33.86	−19 25.9	2.145	2.961	13.5	18.3
5 11	17 29.93	−18 25.6	2.063	2.964	10.6	18.1
5 21	17 23.99	−17 22.6	2.004	2.967	7.3	17.9
5 31	17 16.59	−16 19.2	1.970	2.970	4.0	17.7
6 10	17 8.55	−15 18.4	1.964	2.973	2.7	17.6
6 20	17 0.69	−14 23.4	1.986	2.977	5.3	17.8
6 30	16 53.85	−13 37.1	2.034	2.981	8.6	18.0
7 10	16 48.67	−13 1.3	2.107	2.985	11.7	18.2

240350 2003 QW_{110} 6 9.0 235°.46 5°.3/ 8.2 17

5 1	17 39.33	− 9 57.1	1.873	2.677	15.6	20.8
5 11	17 34.76	− 9 32.7	1.777	2.664	12.7	20.5
5 21	17 27.67	− 9 15.1	1.701	2.650	9.5	20.3
5 31	17 18.57	− 9 6.9	1.649	2.636	6.4	20.1
6 10	17 8.33	− 9 10.2	1.624	2.621	5.3	20.0
6 20	16 58.00	− 9 26.1	1.625	2.605	7.5	20.1
6 30	16 48.67	− 9 54.5	1.652	2.588	11.0	20.2
7 10	16 41.28	−10 34.3	1.701	2.571	14.5	20.4

104485 2000 GJ_{25} 6 9.0 134°.54 0°.9/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 36.71	−25 32.8	2.084	2.895	14.0	19.9
5 11	17 32.48	−25 38.7	1.999	2.897	11.1	19.7
5 21	17 25.92	−25 41.3	1.936	2.898	7.6	19.5
5 31	17 17.62	−25 39.4	1.898	2.900	3.8	19.3
6 10	17 8.45	−25 32.7	1.887	2.901	1.0	19.0
6 20	16 59.39	−25 21.6	1.903	2.902	4.5	19.3
6 30	16 51.41	−25 8.0	1.945	2.904	8.2	19.5
7 10	16 45.31	−24 54.2	2.012	2.905	11.6	19.7

355733 2008 GA_{112} 6 9.0 69°.72 1°.4/ 9.0 18

5 1	17 38.25	−15 48.4	2.266	3.068	13.3	20.5
5 11	17 33.36	−16 27.7	2.185	3.077	10.5	20.3
5 21	17 26.37	−17 12.2	2.126	3.085	7.2	20.1
5 31	17 17.81	−18 1.0	2.093	3.094	3.7	19.9
6 10	17 8.43	−18 52.4	2.089	3.102	1.4	19.7
6 20	16 59.10	−19 44.8	2.114	3.111	4.4	20.0
6 30	16 50.70	−20 37.0	2.167	3.120	7.8	20.2
7 10	16 43.95	−21 28.2	2.245	3.128	10.9	20.4

16412 1986 WZ 6 9.0 242°.34 0°.0/ 8.9 18

5 1	17 37.14	−23 40.1	2.080	2.891	14.0	18.7
5 11	17 32.87	−23 30.7	1.984	2.882	11.1	18.5
5 21	17 26.25	−23 18.2	1.910	2.873	7.6	18.2
5 31	17 17.82	−23 2.3	1.861	2.864	3.7	18.0
6 10	17 8.43	−22 43.2	1.839	2.854	0.4	17.7
6 20	16 59.08	−22 22.1	1.845	2.844	4.6	18.0
6 30	16 50.75	−22 1.2	1.877	2.834	8.5	18.2
7 10	16 44.27	−21 42.7	1.933	2.823	12.1	18.4

305946 2009 HJ_{17} 6 9.0 317°.18 4°.1/ 7.8 16

5 1	17 32.94	−14 14.5	2.024	2.842	14.1	21.4
5 11	17 29.45	−13 28.1	1.936	2.835	11.3	21.2
5 21	17 23.83	−12 43.2	1.869	2.828	8.1	21.0
5 31	17 16.61	−12 2.7	1.827	2.820	5.1	20.8
6 10	17 8.57	−11 29.2	1.812	2.814	4.2	20.7
6 20	17 0.60	−11 5.0	1.823	2.807	6.4	20.8
6 30	16 53.59	−10 51.9	1.859	2.801	9.6	21.0
7 10	16 48.27	−10 50.1	1.918	2.795	12.8	21.2

361542 2007 PL_{24} 6 9.0 295°.20 3°.1/ 8.3 17

5 1	17 36.01	−19 2.3	1.348	2.190	18.5	20.7
5 11	17 33.34	−18 24.5	1.253	2.169	14.9	20.4
5 21	17 27.38	−17 44.4	1.178	2.147	10.5	20.1
5 31	17 18.67	−17 3.8	1.123	2.126	5.7	19.7
6 10	17 8.32	−16 25.5	1.092	2.104	3.2	19.5
6 20	16 57.78	−15 53.2	1.086	2.083	7.5	19.7
6 30	16 48.62	−15 30.4	1.102	2.062	12.7	19.9
7 10	16 42.10	−15 19.9	1.138	2.041	17.6	20.2

60124 1999 TG_{243} 6 9.0 300°.26 0°.2/ 9.0 18

5 1	17 37.17	−20 22.2	2.180	2.989	13.5	18.7
5 11	17 33.00	−21 5.2	2.072	2.969	10.8	18.4
5 21	17 26.47	−21 52.1	1.987	2.949	7.4	18.2
5 31	17 18.03	−22 41.2	1.926	2.929	3.7	17.9
6 10	17 8.40	−23 30.4	1.894	2.909	0.4	17.6
6 20	16 58.54	−24 17.8	1.890	2.889	4.5	17.9
6 30	16 49.46	−25 2.4	1.914	2.870	8.4	18.1
7 10	16 42.10	−25 44.1	1.962	2.851	12.0	18.3

413006 1999 VH_{154} 6 9.0 239°.76 0°.0/ 8.9 17

5 1	17 31.04	−23 23.2	3.650	4.445	8.8	23.2
5 11	17 27.03	−23 20.3	3.544	4.434	6.9	23.1
5 21	17 21.72	−23 15.9	3.463	4.423	4.7	22.9
5 31	17 15.46	−23 9.7	3.409	4.411	2.3	22.7
6 10	17 8.71	−23 1.9	3.384	4.400	0.3	22.5
6 20	17 1.96	−22 53.0	3.389	4.388	2.8	22.8
6 30	16 55.74	−22 43.7	3.423	4.376	5.2	22.9
7 10	16 50.49	−22 35.1	3.483	4.363	7.5	23.0

368252 2001 XN_{83} 6 9.0 209°.46 1°.3/ 8.9 18

5 1	17 39.84	−17 56.5	2.353	3.151	13.0	22.5
5 11	17 34.66	−18 8.7	2.254	3.144	10.3	22.3
5 21	17 27.33	−18 23.3	2.177	3.136	7.1	22.1
5 31	17 18.32	−18 40.0	2.127	3.128	3.6	21.9
6 10	17 8.39	−18 58.3	2.105	3.118	1.4	21.7
6 20	16 58.41	−19 17.9	2.112	3.109	4.5	21.9
6 30	16 49.29	−19 38.8	2.148	3.098	8.0	22.1
7 10	16 41.79	−20 1.5	2.208	3.087	11.3	22.3

161075 2002 LR_{38} 6 9.0 23°.31 9°.1/ 6.8 17

5 1	17 32.66	− 5 8.3	1.541	2.363	17.6	19.6
5 11	17 29.64	− 3 44.8	1.479	2.369	14.7	19.4
5 21	17 24.12	− 2 31.4	1.437	2.375	11.8	19.3
5 31	17 16.76	− 1 34.4	1.416	2.383	9.6	19.2
6 10	17 8.57	− 0 58.9	1.419	2.391	9.2	19.2
6 20	17 0.61	− 0 47.6	1.445	2.399	10.8	19.3
6 30	16 53.93	− 1 0.4	1.493	2.408	13.4	19.5
7 10	16 49.29	− 1 34.1	1.561	2.418	16.2	19.7