444645 2006 YJ_{52} 7 22.9 276.°89 1.°7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.08	−24 54.1	2.175	3.053	11.4	21.1
6 30	20 29.32	−25 3.2	2.095	3.043	8.3	20.9
7 10	20 21.69	−25 12.4	2.040	3.033	5.0	20.7
7 20	20 12.83	−25 18.6	2.010	3.023	1.9	20.5
7 30	20 3.61	−25 18.9	2.009	3.013	3.5	20.5
8 9	19 55.01	−25 12.0	2.035	3.003	7.0	20.7
8 19	19 47.86	−24 57.5	2.087	2.993	10.3	20.9
8 29	19 42.81	−24 36.4	2.161	2.983	13.3	21.1

33251 1998 HS_{24} 7 22.9 168.°77 1.°6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.31	−12 29.4	2.254	3.113	11.8	18.9
6 30	20 26.44	−13 4.4	2.179	3.114	8.8	18.8
7 10	20 19.96	−13 49.7	2.128	3.115	5.5	18.6
7 20	20 12.42	−14 42.9	2.104	3.116	2.2	18.3
7 30	20 4.57	−15 40.3	2.108	3.116	2.7	18.4
8 9	19 57.20	−16 38.1	2.141	3.117	6.1	18.6
8 19	19 51.05	−17 32.8	2.199	3.117	9.3	18.8
8 29	19 46.69	−18 21.8	2.281	3.118	12.2	19.0

353732 2011 WC_{124} 7 22.9 319.°87 5.°7/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 30.93	− 4 57.4	1.836	2.680	14.7	21.0
6 30	20 26.48	− 4 32.9	1.756	2.670	11.8	20.8
7 10	20 20.14	− 4 24.1	1.697	2.661	8.7	20.6
7 20	20 12.49	− 4 31.7	1.661	2.651	6.3	20.4
7 30	20 4.40	− 4 55.0	1.651	2.642	6.0	20.4
8 9	19 56.85	− 5 30.9	1.666	2.633	8.3	20.5
8 19	19 50.70	− 6 15.5	1.705	2.624	11.5	20.7
8 29	19 46.66	− 7 4.3	1.766	2.616	14.5	20.8

370003 1999 TX_{144} 7 22.9 316.°20 0.°1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.55	−19 25.5	1.187	2.090	17.0	20.7
6 30	20 29.60	−19 27.8	1.105	2.065	12.7	20.3
7 10	20 22.55	−19 38.1	1.041	2.040	7.6	20.0
7 20	20 13.15	−19 53.0	1.000	2.015	1.8	19.5
7 30	20 2.76	−20 7.9	0.981	1.991	4.3	19.6
8 9	19 53.09	−20 18.7	0.985	1.968	10.3	19.9
8 19	19 45.71	−20 23.0	1.010	1.946	15.8	20.1
8 29	19 41.78	−20 19.8	1.052	1.925	20.6	20.4

87157 2000 NK_{22} 7 22.9 356.°43 2.°1/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.56	−19 34.8	1.187	2.085	17.4	17.8
6 30	20 32.06	−18 24.1	1.124	2.080	13.0	17.5
7 10	20 23.64	−17 14.9	1.081	2.076	7.9	17.2
7 20	20 13.32	−16 7.9	1.060	2.074	2.8	16.9
7 30	20 2.60	−15 4.5	1.064	2.072	4.4	17.0
8 9	19 53.09	−14 6.1	1.091	2.072	9.7	17.3
8 19	19 46.06	−13 14.2	1.140	2.074	14.6	17.6
8 29	19 42.32	−12 28.7	1.208	2.076	18.7	17.9

168889 2000 WM_{95} 7 22.9 321.°42 1.°9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.13	−17 19.2	1.051	1.960	18.3	18.8
6 30	20 28.89	−16 55.3	0.966	1.928	13.9	18.4
7 10	20 22.33	−16 39.9	0.899	1.897	8.6	18.0
7 20	20 13.15	−16 31.7	0.852	1.866	3.0	17.6
7 30	20 2.74	−16 28.3	0.827	1.837	4.7	17.6
8 9	19 52.98	−16 26.7	0.823	1.809	11.0	17.9
8 19	19 45.63	−16 24.7	0.838	1.782	17.1	18.1
8 29	19 42.03	−16 20.2	0.869	1.757	22.4	18.3

246796 2009 EP_{8} 7 22.9 292.°05 1.°9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.53	−22 51.2	1.869	2.754	12.6	20.6
6 30	20 28.52	−23 31.0	1.791	2.743	9.2	20.4
7 10	20 21.39	−24 14.8	1.737	2.733	5.4	20.1
7 20	20 12.80	−24 58.1	1.709	2.722	2.0	19.9
7 30	20 3.72	−25 36.1	1.707	2.711	3.9	20.0
8 9	19 55.25	−26 5.3	1.732	2.701	7.9	20.2
8 19	19 48.36	−26 23.8	1.781	2.690	11.6	20.4
8 29	19 43.82	−26 31.6	1.851	2.680	14.9	20.6

67922 2000 WN_{113} 7 22.9 9.°76 0.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.49	−22 44.2	1.061	1.970	18.1	17.8
6 30	20 31.55	−22 28.7	1.008	1.971	13.3	17.6
7 10	20 23.44	−22 15.4	0.974	1.973	7.8	17.3
7 20	20 13.29	−22 0.7	0.961	1.976	1.9	16.9
7 30	20 2.75	−21 41.7	0.971	1.980	4.5	17.1
8 9	19 53.61	−21 16.8	1.003	1.985	10.2	17.5
8 19	19 47.19	−20 46.9	1.056	1.992	15.3	17.8
8 29	19 44.31	−20 13.1	1.127	1.999	19.6	18.0

290999 2005 XT_{83} 7 22.9 267.°54 2.°3/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.85	−26 4.4	2.582	3.456	10.0	21.1
6 30	20 28.35	−26 42.0	2.487	3.432	7.3	20.9
7 10	20 21.15	−27 20.5	2.417	3.408	4.5	20.7
7 20	20 12.74	−27 56.2	2.375	3.384	2.4	20.5
7 30	20 3.87	−28 25.7	2.361	3.359	3.8	20.5
8 9	19 55.36	−28 46.3	2.375	3.334	6.7	20.7
8 19	19 48.00	−28 57.0	2.415	3.308	9.7	20.8
8 29	19 42.44	−28 57.9	2.479	3.282	12.3	21.0

429438 2010 VL_{54} 7 23.0 226.°92 0.°4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.99	−19 56.3	1.818	2.693	13.4	22.3
6 30	20 31.79	−20 12.8	1.737	2.683	9.9	22.1
7 10	20 23.31	−20 34.3	1.679	2.673	5.8	21.8
7 20	20 13.28	−20 57.5	1.648	2.663	1.4	21.5
7 30	20 2.72	−21 18.7	1.644	2.652	3.3	21.6
8 9	19 52.82	−21 34.8	1.666	2.640	7.7	21.9
8 19	19 44.63	−21 44.3	1.714	2.628	11.8	22.1
8 29	19 38.93	−21 46.8	1.784	2.615	15.3	22.3

180491 2004 CM_{79} 7 23.0 174.°72 1.°0/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.71	−21 3.0	1.813	2.690	13.3	21.1
6 30	20 31.47	−21 31.4	1.745	2.693	9.7	20.9
7 10	20 23.06	−22 4.2	1.700	2.694	5.7	20.7
7 20	20 13.20	−22 37.3	1.681	2.696	1.5	20.4
7 30	20 2.96	−23 6.4	1.690	2.696	3.5	20.5
8 9	19 53.50	−23 28.4	1.725	2.697	7.7	20.8
8 19	19 45.78	−23 41.9	1.786	2.696	11.5	21.0
8 29	19 40.54	−23 46.8	1.868	2.696	14.8	21.2

356412 2010 TN_{98} 7 23.0 78.°18 3.°7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.84	−29 45.3	2.183	3.063	11.3	20.9
6 30	20 29.12	−30 23.5	2.124	3.070	8.4	20.8
7 10	20 21.55	−30 58.9	2.090	3.077	5.5	20.6
7 20	20 12.83	−31 27.0	2.081	3.084	3.7	20.5
7 30	20 3.86	−31 44.3	2.100	3.091	5.0	20.6
8 9	19 55.62	−31 49.0	2.146	3.098	7.7	20.8
8 19	19 48.93	−31 41.4	2.216	3.105	10.6	21.0
8 29	19 44.38	−31 23.1	2.309	3.112	13.1	21.1

31643 Natashachugh 7 23.0 120.°01 1.°0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.73	−19 26.9	1.464	2.350	15.4	18.4
6 30	20 31.82	−20 14.6	1.407	2.359	11.2	18.2
7 10	20 23.38	−21 10.2	1.372	2.368	6.5	18.0
7 20	20 13.29	−22 7.9	1.362	2.377	1.6	17.7
7 30	20 2.80	−23 1.3	1.378	2.385	3.9	17.8
8 9	19 53.29	−23 45.5	1.419	2.393	8.7	18.1
8 19	19 45.90	−24 18.0	1.484	2.401	13.0	18.4
8 29	19 41.38	−24 38.4	1.569	2.408	16.6	18.7

360886 2005 SD_{93} 7 23.0 226.°27 4.°1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.33	−31 42.4	2.394	3.269	10.6	21.2
6 30	20 29.46	−32 22.4	2.322	3.264	8.0	21.1
7 10	20 21.77	−32 58.7	2.276	3.259	5.5	20.9
7 20	20 12.89	−33 27.0	2.256	3.254	4.1	20.8
7 30	20 3.68	−33 43.6	2.264	3.248	5.2	20.9
8 9	19 55.08	−33 46.9	2.299	3.243	7.8	21.0
8 19	19 47.91	−33 37.1	2.359	3.237	10.4	21.2
8 29	19 42.80	−33 15.9	2.441	3.231	12.8	21.3

36160 1999 RZ_{218} 7 23.0 181.°05 2.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 30.74	− 9 56.9	2.425	3.274	11.4	19.0
6 30	20 25.92	−10 16.6	2.348	3.274	8.7	18.8
7 10	20 19.64	−10 47.0	2.295	3.274	5.7	18.6
7 20	20 12.39	−11 26.5	2.268	3.274	3.0	18.5
7 30	20 4.86	−12 12.5	2.269	3.274	3.1	18.5
8 9	19 57.78	−13 1.9	2.299	3.273	5.8	18.6
8 19	19 51.80	−13 51.3	2.355	3.273	8.8	18.8
8 29	19 47.47	−14 38.2	2.435	3.272	11.5	19.0

449972 2015 PX_{35} 7 23.0 41.°42 4.°2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.26	−31 16.3	2.005	2.886	12.1	20.8
6 30	20 30.31	−31 45.8	1.945	2.890	9.0	20.7
7 10	20 22.30	−32 10.9	1.909	2.895	6.0	20.5
7 20	20 13.02	−32 26.8	1.898	2.899	4.3	20.4
7 30	20 3.49	−32 30.0	1.914	2.904	5.5	20.5
8 9	19 54.82	−32 19.3	1.957	2.909	8.4	20.7
8 19	19 47.87	−31 55.7	2.023	2.914	11.4	20.9
8 29	19 43.30	−31 21.6	2.112	2.919	14.0	21.0

377644 2005 UM_{97} 7 23.0 210.°44 0.°6/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.03	−16 38.9	1.775	2.650	13.7	21.4
6 30	20 29.57	−17 2.6	1.702	2.648	10.1	21.2
7 10	20 21.99	−17 35.0	1.652	2.645	6.0	21.0
7 20	20 12.98	−18 12.8	1.628	2.642	1.6	20.7
7 30	20 3.53	−18 52.0	1.630	2.639	3.1	20.8
8 9	19 54.76	−19 28.6	1.659	2.636	7.5	21.0
8 19	19 47.63	−19 59.8	1.713	2.632	11.4	21.3
8 29	19 42.89	−20 24.0	1.788	2.629	14.9	21.5

115321 2003 SK_{219} 7 23.0 284.°65 3.°8/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.29	−26 30.3	2.033	2.913	12.0	18.5
6 30	20 30.83	−27 53.2	1.931	2.879	9.0	18.2
7 10	20 22.98	−29 21.3	1.854	2.844	5.8	18.0
7 20	20 13.28	−30 48.0	1.803	2.808	3.8	17.8
7 30	20 2.64	−32 5.9	1.781	2.772	5.7	17.8
8 9	19 52.23	−33 9.3	1.786	2.736	9.2	18.0
8 19	19 43.22	−33 55.1	1.816	2.698	12.9	18.1
8 29	19 36.62	−34 23.3	1.867	2.661	16.1	18.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
261388 2005 UF_{395}			7 23.0 170°.47		0°.1/22.9 18	
	h m	° ′			°	m
6 20	20 32.30	−18 53.3	2.686	3.552	9.9	22.0
6 30	20 26.94	−19 17.4	2.613	3.555	7.2	21.9
7 10	20 20.18	−19 45.6	2.565	3.557	4.2	21.7
7 20	20 12.52	−20 15.6	2.544	3.559	1.0	21.4
7 30	20 4.62	−20 44.8	2.553	3.561	2.3	21.6
8 9	19 57.18	−21 10.8	2.590	3.562	5.4	21.8
8 19	19 50.82	−21 32.2	2.655	3.563	8.3	22.0
8 29	19 46.06	−21 48.1	2.743	3.564	10.8	22.1
213458 2002 CB_{170}			7 23.0 158°.98		1°.0/22.5 17	
6 20	20 38.64	−20 14.3	1.710	2.588	14.0	21.5
6 30	20 32.25	−20 56.6	1.647	2.595	10.2	21.3
7 10	20 23.55	−21 45.0	1.606	2.600	5.9	21.1
7 20	20 13.34	−22 34.3	1.591	2.606	1.6	20.8
7 30	20 2.74	−23 19.4	1.603	2.610	3.7	21.0
8 9	19 52.97	−23 56.0	1.643	2.614	8.0	21.2
8 19	19 45.06	−24 22.4	1.707	2.617	12.0	21.5
8 29	19 39.77	−24 38.3	1.792	2.620	15.3	21.7
282674 2005 WF_{44}			7 23.0 289°.21		3°.5/24.7 18	
6 20	20 32.40	−10 7.6	2.237	3.088	12.2	20.6
6 30	20 27.24	− 9 43.1	2.156	3.081	9.4	20.4
7 10	20 20.46	− 9 27.8	2.099	3.075	6.4	20.2
7 20	20 12.61	− 9 21.7	2.067	3.068	3.9	20.1
7 30	20 4.44	− 9 23.8	2.062	3.062	4.0	20.1
8 9	19 56.76	− 9 32.6	2.085	3.056	6.6	20.2
8 19	19 50.31	− 9 45.8	2.133	3.049	9.7	20.4
8 29	19 45.67	−10 1.3	2.205	3.043	12.5	20.6
230068 2000 UM			7 23.0 270°.19		7°.4/17.9 18	
6 20	20 37.67	−35 10.1	1.781	2.663	13.3	20.1
6 30	20 32.12	−36 53.7	1.710	2.649	10.5	19.8
7 10	20 23.82	−38 33.6	1.664	2.636	8.2	19.7
7 20	20 13.48	−40 0.4	1.642	2.622	7.5	19.6
7 30	20 2.33	−41 5.7	1.646	2.608	9.0	19.7
8 9	19 51.84	−41 45.2	1.675	2.593	11.8	19.8
8 19	19 43.34	−41 58.8	1.725	2.579	14.8	20.0
8 29	19 37.86	−41 49.9	1.794	2.564	17.5	20.1
186321 2002 CZ_{274}			7 23.0 120°.72		3°.3/25.7 18	
6 20	20 30.83	− 6 8.9	2.570	3.400	11.4	20.4
6 30	20 25.86	− 6 36.7	2.500	3.412	8.8	20.3
7 10	20 19.54	− 7 17.2	2.455	3.423	6.1	20.1
7 20	20 12.38	− 8 8.6	2.436	3.434	3.8	20.0
7 30	20 5.01	− 9 8.3	2.446	3.445	3.6	20.0
8 9	19 58.09	−10 12.6	2.484	3.455	5.7	20.1
8 19	19 52.23	−11 17.9	2.550	3.465	8.3	20.3
8 29	19 47.91	−12 21.0	2.640	3.475	10.8	20.5
172715 2004 BP_{67}			7 23.0 316°.54		0°.1/23.0 18	
6 20	20 34.02	−19 1.2	1.899	2.777	12.8	20.4
6 30	20 28.70	−19 14.1	1.828	2.776	9.4	20.1
7 10	20 21.42	−19 32.4	1.781	2.775	5.5	19.9
7 20	20 12.85	−19 53.2	1.758	2.773	1.3	19.6
7 30	20 3.93	−20 13.4	1.763	2.772	3.0	19.7
8 9	19 55.68	−20 30.3	1.795	2.771	7.1	20.0
8 19	19 48.99	−20 42.1	1.852	2.770	10.8	20.2
8 29	19 44.52	−20 48.1	1.930	2.769	14.0	20.4
482710 2013 CS_{214}			7 23.0 138°.52		0°.9/23.6 18	
6 20	20 32.79	−16 8.0	2.407	3.270	11.0	22.0
6 30	20 27.38	−16 17.3	2.337	3.276	8.1	21.8
7 10	20 20.47	−16 32.7	2.292	3.282	4.9	21.6
7 20	20 12.60	−16 52.0	2.274	3.288	1.6	21.4
7 30	20 4.51	−17 13.0	2.285	3.293	2.5	21.5
8 9	19 56.96	−17 33.5	2.323	3.298	5.8	21.7
8 19	19 50.62	−17 51.7	2.388	3.303	8.8	21.9
8 29	19 46.02	−18 6.5	2.477	3.308	11.5	22.1
261475 2005 VX_{116}			7 23.0 263°.69		11°.7/13.5 18	
6 20	20 48.38	−57 27.5	2.432	3.222	13.1	20.0
6 30	20 40.16	−58 48.5	2.380	3.210	12.2	19.9
7 10	20 28.54	−59 50.3	2.349	3.199	11.7	19.9
7 20	20 14.56	−60 25.3	2.340	3.187	11.8	19.9
7 30	19 59.96	−60 28.6	2.352	3.175	12.5	19.9
8 9	19 46.66	−60 0.2	2.384	3.163	13.6	20.0
8 19	19 36.19	−59 3.9	2.436	3.151	14.8	20.1
8 29	19 29.50	−57 46.0	2.503	3.139	16.1	20.1
193488 2000 YQ			7 23.0 321°.60		16°.7/ 9.9 18	
6 20	20 41.68	−52 30.1	1.336	2.193	18.4	18.2
6 30	20 37.33	−54 46.6	1.270	2.159	17.1	18.0
7 10	20 28.05	−56 43.7	1.223	2.126	16.7	17.9
7 20	20 14.66	−58 5.6	1.194	2.093	17.2	17.8
7 30	19 59.42	−58 39.4	1.183	2.061	18.8	17.8
8 9	19 45.48	−58 20.8	1.188	2.030	20.9	17.8
8 19	19 35.61	−57 14.7	1.208	2.000	23.4	17.9
8 29	19 31.39	−55 30.9	1.240	1.972	25.7	18.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
215846 2005 EJ_{5}			7 23.0 19°.12		0°.9/23.4 17	
	h m	° ′			°	m
6 20	20 32.95	−15 27.8	1.191	2.088	17.4	19.5
6 30	20 28.74	−16 2.4	1.135	2.091	12.9	19.2
7 10	20 21.77	−16 51.4	1.099	2.095	7.7	19.0
7 20	20 12.97	−17 49.9	1.085	2.100	2.2	18.6
7 30	20 3.69	−18 51.0	1.095	2.105	3.9	18.8
8 9	19 55.46	−19 48.1	1.128	2.111	9.3	19.1
8 19	19 49.48	−20 36.2	1.183	2.118	14.1	19.4
8 29	19 46.61	−21 12.9	1.257	2.125	18.2	19.7
252092 2000 UL_{34}			7 23.0 284°.84		2°.6/24.0 18	
6 20	20 35.36	−13 29.1	1.411	2.291	16.3	21.0
6 30	20 30.47	−13 28.4	1.326	2.271	12.4	20.7
7 10	20 22.88	−13 40.8	1.261	2.251	7.9	20.4
7 20	20 13.28	−14 4.6	1.220	2.231	3.4	20.1
7 30	20 2.86	−14 36.6	1.203	2.211	4.2	20.1
8 9	19 53.05	−15 12.3	1.211	2.191	9.1	20.3
8 19	19 45.17	−15 47.6	1.241	2.171	14.0	20.6
8 29	19 40.23	−16 19.2	1.291	2.151	18.3	20.8
322699 1999 YW_{15}			7 23.0 283°.84		4°.2/25.2 17	
6 20	20 31.63	− 7 16.4	2.333	3.172	12.1	21.3
6 30	20 26.74	− 6 55.4	2.237	3.151	9.6	21.1
7 10	20 20.23	− 6 45.2	2.164	3.131	6.9	20.9
7 20	20 12.59	− 6 46.2	2.116	3.111	4.6	20.7
7 30	20 4.52	− 6 57.7	2.096	3.090	4.6	20.7
8 9	19 56.82	− 7 17.8	2.103	3.070	6.9	20.8
8 19	19 50.21	− 7 44.2	2.135	3.049	9.8	20.9
8 29	19 45.33	− 8 13.8	2.191	3.028	12.6	21.1
243606 1998 WY_{36}			7 23.0 325°.44		6°.3/19.7 18	
6 20	20 34.38	−32 4.8	1.542	2.438	14.2	20.3
6 30	20 29.78	−33 14.5	1.473	2.424	10.9	20.0
7 10	20 22.44	−34 21.3	1.425	2.410	7.8	19.8
7 20	20 13.16	−35 17.2	1.401	2.397	6.3	19.7
7 30	20 3.22	−35 54.8	1.402	2.385	8.0	19.8
8 9	19 54.10	−36 10.3	1.426	2.373	11.3	19.9
8 19	19 47.10	−36 3.8	1.472	2.362	14.9	20.1
8 29	19 43.15	−35 38.4	1.536	2.351	18.1	20.3
465609 2009 DN_{50}			7 23.0 63°.70		3°.5/24.6 17	
6 20	20 35.28	−10 36.3	1.289	2.166	17.6	21.4
6 30	20 30.12	−10 46.2	1.236	2.178	13.4	21.1
7 10	20 22.43	−11 13.4	1.204	2.190	8.7	20.9
7 20	20 13.11	−11 55.4	1.193	2.202	4.3	20.7
7 30	20 3.47	−12 47.2	1.208	2.215	4.6	20.7
8 9	19 54.87	−13 43.0	1.246	2.227	8.9	21.0
8 19	19 48.43	−14 37.2	1.308	2.240	13.2	21.3
8 29	19 44.88	−15 25.7	1.389	2.252	17.0	21.6
380717 2005 QD_{11}			7 23.0 330°.14		1°.3/22.5 14	C
6 20	20 31.88	−21 43.3	1.156	2.066	16.9	20.8
6 30	20 28.39	−21 57.7	1.081	2.045	12.5	20.5
7 10	20 21.85	−22 18.3	1.025	2.025	7.4	20.1
7 20	20 13.06	−22 40.5	0.991	2.006	2.0	19.7
7 30	20 3.44	−22 58.7	0.980	1.989	4.7	19.9
8 9	19 54.67	−23 8.6	0.990	1.972	10.4	20.1
8 19	19 48.25	−23 8.1	1.021	1.957	15.7	20.4
8 29	19 45.27	−22 57.3	1.070	1.943	20.2	20.6
160999 2002 CS_{296}			7 23.0 235°.64		0°.2/23.2 18	
6 20	20 32.45	−17 55.3	2.633	3.498	10.1	21.7
6 30	20 27.18	−18 16.7	2.545	3.486	7.4	21.5
7 10	20 20.41	−18 43.1	2.482	3.474	4.4	21.3
7 20	20 12.63	−19 12.4	2.446	3.461	1.1	21.0
7 30	20 4.50	−19 42.0	2.439	3.448	2.3	21.1
8 9	19 56.76	−20 9.3	2.461	3.434	5.6	21.3
8 19	19 50.08	−20 32.8	2.510	3.420	8.7	21.5
8 29	19 45.03	−20 51.1	2.582	3.406	11.3	21.6
318470 2005 EX_{50}			7 23.0 155°.68		0°.7/23.4 17	
6 20	20 38.36	−16 54.0	1.752	2.622	14.0	22.0
6 30	20 31.93	−17 9.0	1.686	2.629	10.3	21.8
7 10	20 23.33	−17 31.7	1.644	2.636	6.1	21.6
7 20	20 13.33	−17 58.9	1.627	2.642	1.7	21.3
7 30	20 2.98	−18 26.9	1.638	2.647	3.1	21.4
8 9	19 53.46	−18 52.4	1.676	2.651	7.5	21.7
8 19	19 45.71	−19 13.2	1.738	2.655	11.4	21.9
8 29	19 40.45	−19 28.3	1.823	2.658	14.8	22.2
215750 2004 EK_{85}			7 23.0 142°.85		0°.1/23.0 17	R
6 20	20 36.20	−17 31.9	1.710	2.587	14.0	20.8
6 30	20 30.45	−18 8.1	1.646	2.593	10.3	20.6
7 10	20 22.51	−18 52.7	1.605	2.598	6.0	20.4
7 20	20 13.14	−19 41.5	1.589	2.604	1.4	20.1
7 30	20 3.40	−20 29.5	1.600	2.609	3.2	20.2
8 9	19 54.44	−21 12.5	1.638	2.613	7.7	20.5
8 19	19 47.24	−21 47.7	1.701	2.618	11.6	20.8
8 29	19 42.52	−22 13.8	1.785	2.622	15.0	21.0

113435 2002 SX_{39} 7 23.0 283°.52 4°.6/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.36	−29 59.3	1.893	2.779	12.5	19.3
6 30	20 30.02	−30 58.9	1.819	2.767	9.4	19.1
7 10	20 22.38	−31 57.2	1.769	2.756	6.3	18.9
7 20	20 13.15	−32 48.0	1.743	2.744	4.6	18.8
7 30	20 3.37	−33 25.5	1.745	2.733	6.2	18.9
8 9	19 54.25	−33 46.5	1.772	2.721	9.3	19.0
8 19	19 46.85	−33 50.6	1.822	2.710	12.6	19.2
8 29	19 41.98	−33 39.4	1.893	2.698	15.5	19.4

151454 2002 GP_{104} 7 23.0 170°.99 6°.0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 29.82	+ 0 52.6	2.456	3.258	12.7	20.0
6 30	20 25.24	+ 0 58.2	2.379	3.258	10.5	19.8
7 10	20 19.27	+ 0 47.3	2.323	3.259	8.3	19.7
7 20	20 12.37	+ 0 19.8	2.291	3.259	6.5	19.6
7 30	20 5.21	− 0 23.2	2.286	3.259	6.1	19.5
8 9	19 58.47	− 1 18.7	2.308	3.260	7.3	19.6
8 19	19 52.78	− 2 22.8	2.355	3.260	9.4	19.7
8 29	19 48.67	− 3 31.1	2.426	3.260	11.6	19.9

311992 2007 HH_{89} 7 23.0 176°.33 4°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 30.44	− 1 49.6	3.128	3.929	10.2	21.9
6 30	20 25.41	− 1 36.6	3.048	3.931	8.3	21.8
7 10	20 19.24	− 1 34.8	2.991	3.933	6.4	21.6
7 20	20 12.36	− 1 44.4	2.960	3.934	4.9	21.5
7 30	20 5.27	− 2 4.7	2.958	3.935	4.6	21.5
8 9	19 58.52	− 2 33.9	2.983	3.935	5.8	21.6
8 19	19 52.62	− 3 9.6	3.036	3.935	7.7	21.7
8 29	19 48.00	− 3 49.3	3.113	3.934	9.6	21.9

15739 Matsukuma 7 23.0 161°.83 3°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.19	− 9 18.5	1.848	2.702	14.1	18.5
6 30	20 28.83	− 9 33.8	1.777	2.706	10.9	18.3
7 10	20 21.52	−10 3.3	1.729	2.708	7.2	18.1
7 20	20 12.93	−10 45.1	1.705	2.711	3.9	17.9
7 30	20 3.96	−11 35.9	1.709	2.713	4.0	17.9
8 9	19 55.63	−12 31.4	1.739	2.715	7.3	18.1
8 19	19 48.82	−13 27.1	1.795	2.717	10.9	18.3
8 29	19 44.20	−14 19.4	1.873	2.718	14.1	18.5

120852 1998 OO_{15} 7 23.0 34°.65 0°.3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.41	−21 24.8	1.209	2.106	17.3	18.1
6 30	20 32.97	−20 44.7	1.172	2.129	12.5	17.9
7 10	20 23.92	−20 7.7	1.156	2.153	7.3	17.7
7 20	20 13.43	−19 32.1	1.163	2.178	1.8	17.4
7 30	20 3.03	−18 57.0	1.194	2.204	3.8	17.7
8 9	19 54.15	−18 22.2	1.250	2.231	8.8	18.0
8 19	19 47.79	−17 48.2	1.328	2.258	13.2	18.4
8 29	19 44.51	−17 15.2	1.426	2.286	16.9	18.7

135580 2002 GQ_{74} 7 23.0 2°.41 4°.1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 27.86	−12 31.6	0.901	1.815	20.1	18.9
6 30	20 25.53	−12 12.8	0.850	1.811	15.3	18.6
7 10	20 20.13	−12 12.8	0.816	1.810	10.0	18.3
7 20	20 12.65	−12 30.5	0.800	1.811	5.0	18.0
7 30	20 4.64	−13 2.0	0.805	1.813	5.4	18.1
8 9	19 57.81	−13 41.0	0.829	1.818	10.5	18.4
8 19	19 53.53	−14 21.4	0.873	1.824	15.7	18.7
8 29	19 52.68	−14 57.5	0.934	1.833	20.3	19.0

135970 2002 TE_{284} 7 23.0 308°.66 0°.5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.05	−18 38.2	1.769	2.650	13.4	19.5
6 30	20 28.96	−18 37.1	1.689	2.637	9.9	19.3
7 10	20 21.71	−18 41.6	1.631	2.625	5.9	19.0
7 20	20 13.00	−18 49.2	1.598	2.613	1.5	18.7
7 30	20 3.80	−18 57.4	1.592	2.601	3.1	18.8
8 9	19 55.25	−19 3.6	1.612	2.590	7.5	19.0
8 19	19 48.33	−19 6.4	1.656	2.578	11.6	19.3
8 29	19 43.79	−19 4.9	1.722	2.568	15.1	19.5

342018 2008 RY_{80} 7 23.0 296°.69 3°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.08	−12 17.1	1.732	2.598	14.4	20.4
6 30	20 30.00	−12 2.1	1.626	2.562	11.1	20.1
7 10	20 22.55	−11 57.5	1.542	2.526	7.4	19.8
7 20	20 13.26	−12 3.1	1.482	2.490	3.8	19.5
7 30	20 3.09	−12 17.2	1.448	2.453	4.3	19.4
8 9	19 53.24	−12 37.4	1.440	2.417	8.4	19.6
8 19	19 44.86	−13 0.7	1.457	2.380	12.8	19.8
8 29	19 38.95	−13 24.3	1.494	2.343	16.8	19.9

143446 2003 BY_{75} 7 23.0 110°.87 5°.7/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.53	−36 56.5	2.251	3.117	11.5	19.9
6 30	20 32.55	−37 32.6	2.198	3.128	9.0	19.8
7 10	20 23.58	−38 0.3	2.169	3.138	6.7	19.7
7 20	20 13.40	−38 14.5	2.166	3.148	5.7	19.6
7 30	20 3.06	−38 12.3	2.190	3.158	6.6	19.7
8 9	19 53.64	−37 52.9	2.241	3.168	8.8	19.9
8 19	19 46.00	−37 18.5	2.315	3.178	11.2	20.0
8 29	19 40.73	−36 32.3	2.412	3.187	13.4	20.2

31878 2000 FR_{7} 7 23.0 200°.83 3°.5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.46	− 7 47.3	1.934	2.780	14.0	19.2
6 30	20 29.05	− 8 14.8	1.855	2.777	10.8	19.0
7 10	20 21.69	− 8 58.2	1.798	2.774	7.3	18.8
7 20	20 13.01	− 9 55.5	1.766	2.770	4.1	18.6
7 30	20 3.87	−11 3.1	1.762	2.765	4.0	18.6
8 9	19 55.27	−12 15.8	1.785	2.760	7.2	18.8
8 19	19 48.09	−13 28.7	1.834	2.754	10.8	19.0
8 29	19 43.04	−14 37.4	1.907	2.748	14.0	19.2

367891 2011 YH_{20} 7 23.0 43°.85 1°.3/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.33	−16 43.4	1.162	2.058	17.8	20.7
6 30	20 31.11	−16 45.1	1.114	2.070	13.2	20.5
7 10	20 23.10	−16 57.4	1.086	2.082	7.9	20.2
7 20	20 13.33	−17 16.9	1.080	2.095	2.4	19.9
7 30	20 3.29	−17 39.2	1.098	2.108	3.9	20.1
8 9	19 54.51	−18 0.0	1.140	2.122	9.2	20.4
8 19	19 48.16	−18 16.6	1.202	2.136	14.0	20.7
8 29	19 44.99	−18 27.4	1.285	2.151	18.0	21.0

182019 1999 YF_{14} 7 23.0 173°.75 0°.2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.29	−18 0.8	1.877	2.748	13.2	21.6
6 30	20 31.12	−18 21.3	1.807	2.751	9.7	21.4
7 10	20 22.88	−18 48.4	1.761	2.753	5.7	21.2
7 20	20 13.28	−19 18.8	1.740	2.755	1.4	20.9
7 30	20 3.31	−19 48.8	1.747	2.756	3.0	21.0
8 9	19 54.06	−20 15.1	1.782	2.756	7.2	21.3
8 19	19 46.44	−20 35.8	1.842	2.756	11.0	21.5
8 29	19 41.17	−20 50.0	1.924	2.756	14.3	21.7

342180 2008 SL_{185} 7 23.0 256°.45 4°.3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.71	−30 30.9	1.883	2.763	12.8	20.8
6 30	20 32.41	−31 2.4	1.807	2.753	9.6	20.6
7 10	20 23.76	−31 30.4	1.755	2.742	6.4	20.4
7 20	20 13.50	−31 49.5	1.728	2.731	4.3	20.3
7 30	20 2.78	−31 55.1	1.729	2.720	5.7	20.3
8 9	19 52.83	−31 45.6	1.755	2.709	9.0	20.5
8 19	19 44.74	−31 21.6	1.805	2.698	12.4	20.7
8 29	19 39.28	−30 45.8	1.877	2.686	15.5	20.9

221571 2006 VZ_{42} 7 23.0 25°.53 0°.1/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.75	−19 38.1	1.219	2.118	17.0	20.0
6 30	20 30.70	−19 39.7	1.166	2.124	12.4	19.7
7 10	20 22.89	−19 48.2	1.133	2.130	7.3	19.4
7 20	20 13.30	−19 59.7	1.122	2.138	1.7	19.1
7 30	20 3.37	−20 10.1	1.136	2.145	3.9	19.3
8 9	19 54.62	−20 16.3	1.173	2.154	9.2	19.6
8 19	19 48.24	−20 16.9	1.231	2.163	13.9	19.9
8 29	19 44.98	−20 11.4	1.309	2.172	17.9	20.2

423882 2006 RR_{85} 7 23.0 326°.02 1°.8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.48	−22 0.6	1.123	2.033	17.2	20.6
6 30	20 28.96	−22 23.3	1.048	2.013	12.7	20.3
7 10	20 22.29	−22 52.9	0.993	1.993	7.5	19.9
7 20	20 13.25	−23 24.1	0.959	1.974	2.3	19.5
7 30	20 3.31	−23 50.4	0.948	1.956	5.0	19.7
8 9	19 54.23	−24 6.7	0.958	1.939	10.8	19.9
8 19	19 47.59	−24 10.7	0.988	1.923	16.2	20.2
8 29	19 44.51	−24 2.4	1.036	1.909	20.8	20.4

511406 2014 HZ_{27} 7 23.0 196°.11 1°.1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.86	−21 36.4	2.148	3.025	11.6	21.8
6 30	20 28.48	−22 8.5	2.076	3.024	8.4	21.6
7 10	20 21.29	−22 44.2	2.028	3.023	4.9	21.4
7 20	20 12.91	−23 19.9	2.007	3.021	1.5	21.1
7 30	20 4.19	−23 52.0	2.014	3.020	3.2	21.2
8 9	19 56.07	−24 17.6	2.048	3.019	6.8	21.5
8 19	19 49.34	−24 35.2	2.108	3.017	10.1	21.7
8 29	19 44.64	−24 44.5	2.191	3.015	13.0	21.9

254445 2005 AX_{76} 7 23.0 54°.98 3°.6/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.18	−26 27.9	1.186	2.087	17.2	20.2
6 30	20 33.90	−26 57.8	1.148	2.106	12.6	20.0
7 10	20 24.67	−27 26.4	1.130	2.126	7.6	19.7
7 20	20 13.69	−27 47.0	1.135	2.146	3.8	19.6
7 30	20 2.62	−27 54.5	1.164	2.166	5.8	19.8
8 9	19 53.10	−27 47.3	1.216	2.187	10.3	20.1
8 19	19 46.29	−27 26.8	1.290	2.208	14.5	20.4
8 29	19 42.86	−26 56.0	1.383	2.229	18.1	20.7

318180 2004 RV_{59} 7 23.0 320°.64 2°.0/24.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 30.50	−13 43.5	1.856	2.730	13.2	21.0
6 30	20 26.33	−13 50.8	1.769	2.711	10.0	20.8
7 10	20 20.20	−14 8.6	1.703	2.693	6.3	20.5
7 20	20 12.69	−14 35.0	1.663	2.675	2.7	20.2
7 30	20 4.66	−15 7.4	1.649	2.657	3.3	20.2
8 9	19 57.12	−15 42.2	1.661	2.640	7.2	20.4
8 19	19 50.98	−16 16.3	1.697	2.624	11.1	20.6
8 29	19 46.99	−16 46.9	1.755	2.608	14.5	20.8

279100 2008 YW_{30} 7 23.0 349.°89 4.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.96	−13 39.3	1.275	2.162	17.2	18.7
6 30	20 30.10	−12 26.6	1.207	2.154	13.2	18.4
7 10	20 22.58	−11 21.8	1.159	2.147	8.8	18.2
7 20	20 13.26	−10 27.1	1.134	2.141	5.1	18.0
7 30	20 3.44	− 9 43.9	1.133	2.136	5.7	18.0
8 9	19 54.58	− 9 12.2	1.155	2.133	9.8	18.2
8 19	19 47.88	− 8 50.9	1.199	2.131	14.2	18.4
8 29	19 44.17	− 8 37.5	1.262	2.130	18.1	18.7

373215 2012 FE_{31} 7 23.0 42.°69 1.°2/23.6 17

6 20	20 33.99	−14 19.3	1.341	2.227	16.5	20.7
6 30	20 29.28	−15 0.5	1.283	2.233	12.3	20.4
7 10	20 22.05	−15 56.2	1.246	2.239	7.4	20.2
7 20	20 13.13	−17 1.8	1.232	2.246	2.3	19.9
7 30	20 3.77	−18 10.6	1.243	2.252	3.6	20.0
8 9	19 55.34	−19 16.0	1.278	2.259	8.6	20.3
8 19	19 48.98	−20 13.1	1.337	2.266	13.2	20.6
8 29	19 45.48	−20 58.9	1.416	2.274	17.1	20.8

389490 2010 EC_{172} 7 23.0 100.°07 4.°9/25.9 17

6 20	20 34.20	− 4 58.0	2.010	2.843	14.0	21.5
6 30	20 28.56	− 4 52.1	1.953	2.862	11.0	21.3
7 10	20 21.25	− 5 1.5	1.917	2.880	8.0	21.2
7 20	20 12.91	− 5 25.5	1.906	2.898	5.4	21.1
7 30	20 4.38	− 6 1.9	1.922	2.915	5.1	21.1
8 9	19 56.54	− 6 47.2	1.965	2.932	7.3	21.2
8 19	19 50.12	− 7 37.2	2.034	2.949	10.1	21.4
8 29	19 45.68	− 8 28.1	2.126	2.965	12.8	21.7

296217 2009 CQ_{26} 7 23.0 283.°94 0.°8/22.6 18

6 20	20 33.25	−19 45.3	1.893	2.774	12.7	20.8
6 30	20 28.31	−20 23.8	1.816	2.766	9.3	20.5
7 10	20 21.35	−21 8.8	1.762	2.757	5.4	20.3
7 20	20 12.98	−21 56.4	1.734	2.749	1.4	20.0
7 30	20 4.15	−22 41.9	1.733	2.740	3.3	20.1
8 9	19 55.89	−23 21.4	1.758	2.732	7.4	20.3
8 19	19 49.14	−23 52.4	1.809	2.723	11.2	20.6
8 29	19 44.64	−24 13.8	1.881	2.715	14.5	20.8

361474 2007 DZ_{48} 7 23.0 69.°26 7.°7/19.7 18

6 20	20 43.45	−44 26.8	2.285	3.132	12.1	20.4
6 30	20 35.51	−44 55.6	2.233	3.139	10.0	20.3
7 10	20 25.34	−45 10.3	2.204	3.146	8.4	20.2
7 20	20 13.87	−45 5.9	2.200	3.153	7.7	20.2
7 30	20 2.33	−44 39.5	2.222	3.160	8.4	20.2
8 9	19 51.96	−43 51.8	2.270	3.167	10.1	20.3
8 19	19 43.69	−42 46.5	2.341	3.174	12.1	20.5
8 29	19 38.11	−41 28.4	2.433	3.181	14.0	20.6

187510 2006 TU_{48} 7 23.0 276.°64 1.°5/22.4 18

6 20	20 36.79	−21 39.7	1.571	2.458	14.5	20.7
6 30	20 31.44	−22 11.7	1.485	2.438	10.7	20.5
7 10	20 23.46	−22 49.8	1.422	2.418	6.3	20.2
7 20	20 13.54	−23 29.0	1.383	2.397	1.9	19.8
7 30	20 2.84	−24 3.9	1.370	2.377	4.2	19.9
8 9	19 52.76	−24 30.2	1.383	2.356	9.0	20.2
8 19	19 44.57	−24 45.5	1.419	2.335	13.6	20.4
8 29	19 39.24	−24 49.9	1.475	2.314	17.5	20.6

23787 1998 QC_{17} 7 23.1 106.°04 0.°6/23.4 18

6 20	20 35.37	−15 37.9	1.539	2.419	15.1	17.6
6 30	20 30.07	−16 20.0	1.477	2.425	11.2	17.4
7 10	20 22.44	−17 13.8	1.437	2.431	6.6	17.1
7 20	20 13.25	−18 14.7	1.422	2.436	1.8	16.8
7 30	20 3.64	−19 16.7	1.433	2.442	3.4	16.9
8 9	19 54.87	−20 14.4	1.469	2.448	8.1	17.2
8 19	19 47.98	−21 3.9	1.530	2.453	12.3	17.5
8 29	19 43.73	−21 43.0	1.612	2.458	15.9	17.8

69630 1998 FA_{63} 7 23.1 111.°26 3.°6/21.6 18

6 20	20 40.48	−27 2.6	1.514	2.401	14.9	19.5
6 30	20 33.87	−27 40.6	1.460	2.412	11.0	19.3
7 10	20 24.64	−28 17.4	1.429	2.422	6.8	19.1
7 20	20 13.76	−28 46.9	1.422	2.431	3.7	18.9
7 30	20 2.58	−29 3.9	1.441	2.441	5.5	19.1
8 9	19 52.54	−29 6.2	1.486	2.450	9.4	19.3
8 19	19 44.77	−28 54.5	1.554	2.459	13.3	19.6
8 29	19 40.00	−28 31.3	1.642	2.467	16.6	19.8

467831 2010 RF_{40} 7 23.1 302.°81 5.°4/24.9 18

6 20	20 34.29	− 9 0.1	1.311	2.184	17.7	20.3
6 30	20 29.75	− 8 29.8	1.233	2.169	13.9	20.0
7 10	20 22.52	− 8 15.7	1.174	2.155	9.7	19.8
7 20	20 13.34	− 8 18.9	1.138	2.140	6.1	19.5
7 30	20 3.40	− 8 38.2	1.125	2.126	6.1	19.5
8 9	19 54.17	− 9 9.9	1.135	2.113	9.9	19.6
8 19	19 46.94	− 9 49.3	1.167	2.099	14.5	19.9
8 29	19 42.70	−10 31.2	1.218	2.086	18.6	20.1

314443 2005 VP_{25} 7 23.1 241.°46 6.°5/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.52	−41 49.2	2.816	3.666	9.9	21.7
6 30	20 31.94	−42 49.8	2.740	3.650	8.2	21.6
7 10	20 23.39	−43 42.0	2.689	3.634	6.9	21.5
7 20	20 13.48	−44 20.7	2.664	3.617	6.5	21.4
7 30	20 3.11	−44 41.8	2.667	3.600	7.4	21.4
8 9	19 53.27	−44 43.9	2.695	3.582	9.0	21.5
8 19	19 44.86	−44 27.9	2.746	3.564	10.9	21.6
8 29	19 38.59	−43 56.3	2.819	3.545	12.7	21.8

255444 2005 YC_{14} 7 23.1 206.°15 0.°3/23.3 18

6 20	20 32.27	−18 7.0	2.761	3.625	9.7	21.3
6 30	20 26.97	−18 17.7	2.681	3.621	7.1	21.2
7 10	20 20.29	−18 32.5	2.625	3.616	4.2	21.0
7 20	20 12.73	−18 49.7	2.597	3.612	1.1	20.7
7 30	20 4.90	−19 7.0	2.599	3.607	2.2	20.8
8 9	19 57.50	−19 22.6	2.629	3.602	5.3	21.0
8 19	19 51.13	−19 35.3	2.686	3.597	8.1	21.2
8 29	19 46.30	−19 44.1	2.767	3.591	10.6	21.4

22869 Brianmcfar 7 23.1 267.°07 2.°6/21.7 18

6 20	20 36.42	−25 17.1	1.929	2.811	12.5	19.7
6 30	20 30.77	−25 53.4	1.843	2.793	9.2	19.5
7 10	20 22.87	−26 31.4	1.781	2.774	5.6	19.2
7 20	20 13.40	−27 6.5	1.745	2.756	2.7	19.0
7 30	20 3.33	−27 34.0	1.736	2.737	4.4	19.1
8 9	19 53.82	−27 50.6	1.753	2.718	8.2	19.3
8 19	19 45.91	−27 55.3	1.796	2.698	11.9	19.4
8 29	19 40.43	−27 48.9	1.859	2.679	15.2	19.6

326485 2002 EQ_{6} 7 23.1 197.°96 2.°9/21.7 17

6 20	20 41.14	−26 10.4	1.832	2.709	13.2	22.7
6 30	20 34.18	−26 45.6	1.759	2.706	9.8	22.5
7 10	20 24.82	−27 21.0	1.710	2.702	6.0	22.3
7 20	20 13.84	−27 51.1	1.687	2.697	3.0	22.1
7 30	20 2.39	−28 11.3	1.692	2.692	4.7	22.2
8 9	19 51.74	−28 19.0	1.724	2.686	8.5	22.4
8 19	19 42.98	−28 14.1	1.780	2.679	12.2	22.6
8 29	19 36.89	−27 58.3	1.858	2.671	15.5	22.8

481147 2005 UM_{121} 7 23.1 247.°27 0.°1/23.1 18

6 20	20 32.75	−18 51.0	2.486	3.354	10.5	22.9
6 30	20 27.53	−19 8.6	2.400	3.342	7.7	22.7
7 10	20 20.72	−19 30.7	2.338	3.330	4.5	22.5
7 20	20 12.85	−19 55.2	2.303	3.318	1.1	22.2
7 30	20 4.62	−20 19.3	2.298	3.306	2.4	22.3
8 9	19 56.82	−20 40.6	2.320	3.293	5.9	22.5
8 19	19 50.16	−20 57.7	2.369	3.281	9.0	22.7
8 29	19 45.22	−21 9.5	2.441	3.267	11.8	22.8

494840 2007 WJ_{1} 7 23.1 280.°86 18.°4/25.7 17

6 20	20 38.35	+ 9 23.6	1.147	1.948	24.2	21.4
6 30	20 33.15	+12 8.1	1.081	1.935	22.0	21.2
7 10	20 24.76	+14 25.6	1.030	1.922	19.9	21.0
7 20	20 13.93	+16 3.8	0.997	1.910	18.6	20.9
7 30	20 2.05	+16 53.6	0.982	1.897	18.6	20.8
8 9	19 50.85	+16 53.0	0.984	1.884	19.8	20.8
8 19	19 41.92	+16 7.2	1.003	1.871	21.9	20.9
8 29	19 36.49	+14 47.2	1.036	1.859	24.4	21.1

87143 2000 NQ_{14} 7 23.1 349.°91 2.°6/22.8 18

6 20	20 40.11	−28 30.1	1.154	2.057	17.4	17.8
6 30	20 34.30	−27 44.2	1.089	2.048	13.0	17.5
7 10	20 25.19	−26 49.6	1.043	2.040	7.9	17.2
7 20	20 13.95	−25 43.4	1.020	2.033	3.1	16.9
7 30	20 2.29	−24 25.0	1.021	2.028	5.0	17.0
8 9	19 52.04	−22 57.4	1.045	2.024	10.4	17.3
8 19	19 44.60	−21 25.9	1.091	2.022	15.4	17.6
8 29	19 40.80	−19 55.3	1.156	2.021	19.6	17.8

137317 1999 TY_{21} 7 23.1 230.°79 3.°2/21.6 18

6 20	20 39.06	−26 11.2	1.709	2.593	13.7	20.5
6 30	20 32.88	−26 53.2	1.634	2.584	10.1	20.3
7 10	20 24.18	−27 36.2	1.582	2.575	6.2	20.0
7 20	20 13.72	−28 14.5	1.556	2.566	3.3	19.8
7 30	20 2.69	−28 42.4	1.556	2.556	5.1	19.9
8 9	19 52.42	−28 56.7	1.582	2.545	9.1	20.1
8 19	19 44.08	−28 57.0	1.632	2.534	13.0	20.3
8 29	19 38.52	−28 44.7	1.703	2.523	16.3	20.5

518835 2010 CV_{221} 7 23.1 165.°39 7.°3/19.6 17

6 20	20 42.42	−38 26.2	1.891	2.760	13.3	21.8
6 30	20 35.23	−39 22.4	1.834	2.763	10.6	21.6
7 10	20 25.44	−40 8.4	1.801	2.765	8.2	21.5
7 20	20 14.00	−40 37.3	1.792	2.768	7.3	21.4
7 30	20 2.20	−40 44.1	1.809	2.770	8.4	21.5
8 9	19 51.47	−40 27.8	1.851	2.771	10.8	21.6
8 19	19 42.94	−39 51.2	1.915	2.772	13.4	21.8
8 29	19 37.35	−38 58.9	2.000	2.773	15.9	22.0

434084 2002 CA_{19} 7 23.1 135°.83 11°.1/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.27	+19 49.8	2.658	3.307	15.2	22.7
6 30	20 29.13	+20 39.4	2.598	3.326	13.9	22.6
7 10	20 21.54	+21 5.5	2.556	3.343	12.6	22.5
7 20	20 13.05	+21 5.6	2.534	3.359	11.7	22.5
7 30	20 4.35	+20 38.8	2.534	3.375	11.1	22.5
8 9	19 56.16	+19 47.3	2.556	3.390	11.2	22.5
8 19	19 49.14	+18 35.0	2.601	3.404	11.9	22.6
8 29	19 43.80	+17 7.8	2.668	3.417	12.9	22.7

492162 2013 PO_{28} 7 23.1 352°.98 2°.3/23.9 17

6 20	20 27.84	−15 7.0	0.941	1.857	19.2	20.7
6 30	20 25.62	−15 3.7	0.882	1.847	14.4	20.4
7 10	20 20.33	−15 16.0	0.842	1.839	9.0	20.1
7 20	20 12.88	−15 41.5	0.820	1.834	3.4	19.7
7 30	20 4.76	−16 15.4	0.819	1.830	4.5	19.8
8 9	19 57.72	−16 51.6	0.838	1.828	10.3	20.1
8 19	19 53.19	−17 24.7	0.877	1.827	15.8	20.4
8 29	19 52.13	−17 50.6	0.932	1.829	20.5	20.7

321449 2009 QW_{60} 7 23.1 273°.42 6°.8/28.3 18

6 20	20 29.51	+ 3 45.9	2.513	3.296	12.9	20.6
6 30	20 25.14	+ 3 51.4	2.421	3.283	10.9	20.5
7 10	20 19.35	+ 3 39.1	2.350	3.270	8.9	20.3
7 20	20 12.58	+ 3 8.0	2.303	3.257	7.3	20.2
7 30	20 5.44	+ 2 18.8	2.282	3.244	6.8	20.2
8 9	19 58.65	+ 1 14.4	2.287	3.231	7.8	20.2
8 19	19 52.84	− 0 1.1	2.318	3.218	9.7	20.3
8 29	19 48.57	− 1 22.8	2.373	3.204	11.9	20.4

469434 2002 DO_{1} 7 23.1 242°.80 2°.0/24.2 18

6 20	20 35.25	−12 35.3	2.174	3.028	12.3	22.0
6 30	20 29.61	−12 50.4	2.079	3.010	9.3	21.8
7 10	20 22.10	−13 15.7	2.007	2.992	5.9	21.6
7 20	20 13.26	−13 49.4	1.963	2.973	2.6	21.3
7 30	20 3.88	−14 28.7	1.946	2.953	3.1	21.3
8 9	19 54.90	−15 10.3	1.957	2.932	6.7	21.5
8 19	19 47.17	−15 51.0	1.995	2.911	10.3	21.7
8 29	19 41.41	−16 28.3	2.056	2.889	13.5	21.8

283116 2008 UX_{360} 7 23.1 231°.06 1°.9/24.3 18

6 20	20 33.21	−11 43.3	1.950	2.811	13.2	20.3
6 30	20 28.22	−12 22.5	1.870	2.805	10.0	20.0
7 10	20 21.30	−13 15.0	1.814	2.800	6.3	19.8
7 20	20 13.07	−14 17.9	1.783	2.794	2.6	19.6
7 30	20 4.37	−15 26.7	1.779	2.787	3.1	19.6
8 9	19 56.18	−16 36.4	1.803	2.781	6.9	19.8
8 19	19 49.38	−17 42.5	1.853	2.774	10.6	20.0
8 29	19 44.68	−18 41.7	1.926	2.767	13.9	20.2

181963 1999 UO_{37} 7 23.1 341°.37 4°.6/25.3 18

6 20	20 27.59	− 8 45.7	1.466	2.343	16.0	18.9
6 30	20 24.61	− 8 35.9	1.385	2.324	12.5	18.7
7 10	20 19.42	− 8 42.9	1.324	2.306	8.7	18.4
7 20	20 12.65	− 9 6.8	1.286	2.289	5.3	18.2
7 30	20 5.28	− 9 45.4	1.271	2.274	5.2	18.1
8 9	19 58.50	−10 34.3	1.280	2.260	8.7	18.3
8 19	19 53.36	−11 28.3	1.311	2.248	12.8	18.5
8 29	19 50.72	−12 22.2	1.362	2.237	16.6	18.7

516022 2015 SJ_{12} 7 23.1 332°.77 1°.6/23.6 18

6 20	20 35.39	−17 11.2	1.969	2.840	12.7	20.5
6 30	20 29.69	−16 36.8	1.891	2.833	9.5	20.3
7 10	20 22.09	−16 6.5	1.836	2.826	5.8	20.0
7 20	20 13.24	−15 39.7	1.807	2.820	2.2	19.8
7 30	20 4.06	−15 15.6	1.806	2.814	3.1	19.8
8 9	19 55.53	−14 53.5	1.832	2.808	6.9	20.1
8 19	19 48.51	−14 33.0	1.883	2.803	10.5	20.3
8 29	19 43.65	−14 13.5	1.957	2.798	13.7	20.5

444961 2008 DP_{44} 7 23.1 350°.02 2°.0/24.4 18

6 20	20 30.54	−11 29.6	1.882	2.748	13.4	20.9
6 30	20 26.28	−12 6.8	1.808	2.746	10.1	20.7
7 10	20 20.17	−12 57.7	1.757	2.743	6.4	20.5
7 20	20 12.80	−13 59.2	1.731	2.741	2.8	20.3
7 30	20 5.03	−15 7.0	1.731	2.740	3.1	20.3
8 9	19 57.81	−16 16.1	1.759	2.738	6.9	20.5
8 19	19 51.99	−17 21.9	1.812	2.737	10.6	20.7
8 29	19 48.24	−18 20.7	1.887	2.737	13.8	21.0

311929 2007 CH_{7} 7 23.1 215°.30 1°.0/22.4 18

6 20	20 32.56	−20 53.8	2.373	3.247	10.7	21.2
6 30	20 27.47	−21 35.3	2.298	3.244	7.8	21.0
7 10	20 20.74	−22 21.1	2.247	3.241	4.5	20.8
7 20	20 12.93	−23 7.6	2.223	3.237	1.3	20.6
7 30	20 4.76	−23 51.3	2.228	3.234	2.9	20.7
8 9	19 57.08	−24 28.9	2.261	3.230	6.3	20.9
8 19	19 50.61	−24 58.7	2.319	3.226	9.4	21.1
8 29	19 45.96	−25 19.8	2.401	3.222	12.1	21.3

342330 2008 TC_{111} 7 23.1 327°.65 21°.6/ 6.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 29.52	+29 26.1	1.613	2.245	24.1	20.6
6 30	20 26.19	+31 28.9	1.545	2.228	23.4	20.5
7 10	20 20.47	+32 55.8	1.489	2.212	22.7	20.4
7 20	20 12.94	+33 38.5	1.443	2.196	22.1	20.3
7 30	20 4.64	+33 30.3	1.410	2.181	21.7	20.2
8 9	19 56.84	+32 30.2	1.390	2.167	21.6	20.1
8 19	19 50.72	+30 41.5	1.384	2.154	21.9	20.1
8 29	19 47.30	+28 12.6	1.391	2.142	22.6	20.2

248537 2005 WM_{185} 7 23.1 339°.97 3°.9/20.6 18

6 20	20 32.40	−27 12.7	1.874	2.764	12.4	19.3
6 30	20 27.86	−28 22.4	1.806	2.758	9.1	19.1
7 10	20 21.20	−29 33.4	1.761	2.753	5.9	18.9
7 20	20 13.07	−30 39.6	1.742	2.748	3.9	18.8
7 30	20 4.46	−31 35.1	1.750	2.743	5.5	18.9
8 9	19 56.48	−32 15.6	1.783	2.739	8.8	19.0
8 19	19 50.11	−32 39.9	1.840	2.735	12.1	19.2
8 29	19 46.11	−32 48.7	1.918	2.731	15.0	19.4

420841 2013 JK_{35} 7 23.1 11°.82 0°.4/22.9 17

6 20	20 29.66	−20 19.3	0.808	1.736	20.1	19.6
6 30	20 27.13	−20 19.5	0.767	1.740	14.7	19.4
7 10	20 21.21	−20 28.4	0.744	1.746	8.6	19.1
7 20	20 13.10	−20 41.1	0.738	1.754	2.0	18.7
7 30	20 4.60	−20 52.2	0.753	1.764	4.7	18.9
8 9	19 57.64	−20 57.5	0.787	1.776	10.9	19.3
8 19	19 53.57	−20 55.0	0.840	1.790	16.3	19.7
8 29	19 53.18	−20 44.3	0.909	1.806	20.8	20.0

95239 2002 CH_{46} 7 23.1 87°.16 6°.1/26.8 18

6 20	20 33.27	− 2 18.1	1.755	2.587	15.8	19.4
6 30	20 28.22	− 2 19.3	1.694	2.599	12.7	19.3
7 10	20 21.25	− 2 40.5	1.653	2.610	9.4	19.1
7 20	20 13.07	− 3 21.3	1.636	2.622	6.8	19.0
7 30	20 4.59	− 4 18.9	1.644	2.634	6.2	19.0
8 9	19 56.82	− 5 28.2	1.678	2.645	8.3	19.1
8 19	19 50.61	− 6 43.5	1.737	2.656	11.3	19.3
8 29	19 46.58	− 7 59.2	1.818	2.668	14.2	19.5

167423 2003 WH_{149} 7 23.1 255°.34 3°.9/25.6 18

6 20	20 32.39	− 6 35.0	2.061	2.903	13.4	20.9
6 30	20 27.56	− 6 52.5	1.972	2.890	10.5	20.6
7 10	20 20.92	− 7 25.5	1.906	2.877	7.4	20.4
7 20	20 13.02	− 8 13.1	1.865	2.864	4.6	20.2
7 30	20 4.63	− 9 12.5	1.851	2.851	4.3	20.2
8 9	19 56.66	−10 19.4	1.864	2.838	7.1	20.3
8 19	19 49.94	−11 29.1	1.903	2.824	10.4	20.5
8 29	19 45.18	−12 37.2	1.966	2.810	13.5	20.7

67457 2000 QA_{181} 7 23.1 275°.68 4°.1/21.4 18

6 20	20 38.76	−27 10.8	1.459	2.352	15.1	18.7
6 30	20 33.16	−27 55.5	1.383	2.336	11.3	18.4
7 10	20 24.62	−28 41.3	1.327	2.320	7.1	18.2
7 20	20 13.96	−29 21.1	1.296	2.304	4.1	17.9
7 30	20 2.51	−29 48.0	1.289	2.288	6.1	18.0
8 9	19 51.88	−29 58.3	1.308	2.272	10.4	18.2
8 19	19 43.47	−29 51.4	1.348	2.256	14.8	18.4
8 29	19 38.28	−29 29.8	1.408	2.239	18.6	18.6

86312 1999 VC_{146} 7 23.1 350°.74 0°.3/22.9 18

6 20	20 31.25	−19 8.1	1.767	2.653	13.2	18.7
6 30	20 26.94	−19 31.8	1.697	2.648	9.7	18.5
7 10	20 20.61	−20 2.0	1.649	2.644	5.6	18.3
7 20	20 12.94	−20 35.3	1.626	2.641	1.3	17.9
7 30	20 4.86	−21 7.9	1.629	2.638	3.1	18.1
8 9	19 57.45	−21 36.1	1.658	2.635	7.4	18.3
8 19	19 51.60	−21 57.7	1.711	2.634	11.2	18.6
8 29	19 48.02	−22 11.5	1.786	2.633	14.6	18.8

129825 1999 NA_{56} 7 23.1 289°.90 7°.9/26.2 18

6 20	20 33.42	− 1 19.8	1.776	2.603	15.8	18.8
6 30	20 28.60	− 0 30.1	1.686	2.582	13.2	18.6
7 10	20 21.68	+ 0 2.5	1.615	2.562	10.4	18.3
7 20	20 13.23	+ 0 15.4	1.568	2.542	8.3	18.2
7 30	20 4.15	+ 0 7.5	1.545	2.521	8.1	18.1
8 9	19 55.50	− 0 19.5	1.546	2.501	10.0	18.2
8 19	19 48.27	− 1 1.8	1.571	2.481	12.9	18.3
8 29	19 43.31	− 1 54.0	1.617	2.460	16.0	18.5

148189 2000 BE_{22} 7 23.1 167°.10 0°.2/22.9 17

6 20	20 38.02	−19 18.4	1.883	2.755	13.1	21.0
6 30	20 31.71	−19 38.5	1.814	2.759	9.6	20.8
7 10	20 23.32	−20 4.0	1.770	2.763	5.6	20.6
7 20	20 13.58	−20 31.3	1.751	2.766	1.3	20.3
7 30	20 3.49	−20 56.9	1.760	2.768	3.1	20.4
8 9	19 54.14	−21 17.7	1.796	2.770	7.2	20.7
8 19	19 46.46	−21 32.2	1.858	2.772	11.0	20.9
8 29	19 41.14	−21 39.9	1.942	2.772	14.2	21.2

427560 2002 VA_{47} 7 23.1 270°.72 4°.2/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.17	−26 54.8	1.621	2.511	14.0	21.4
6 30	20 31.82	−28 3.1	1.542	2.494	10.4	21.2
7 10	20 23.78	−29 14.4	1.486	2.478	6.7	20.9
7 20	20 13.77	−30 21.1	1.454	2.461	4.2	20.7
7 30	20 2.97	−31 15.9	1.449	2.444	6.2	20.8
8 9	19 52.82	−31 53.5	1.468	2.426	10.1	21.0
8 19	19 44.61	−32 12.5	1.511	2.409	14.1	21.2
8 29	19 39.31	−32 14.1	1.574	2.391	17.6	21.4

510432 2011 UM_{349} 7 23.1 160°.26 5°.5/18.9 18

6 20	20 37.46	−38 49.0	2.888	3.745	9.5	22.3
6 30	20 30.93	−39 42.6	2.831	3.751	7.6	22.2
7 10	20 22.72	−40 28.7	2.799	3.756	6.0	22.1
7 20	20 13.42	−41 3.0	2.793	3.762	5.5	22.1
7 30	20 3.87	−41 22.3	2.816	3.766	6.3	22.1
8 9	19 54.93	−41 25.5	2.865	3.771	8.0	22.2
8 19	19 47.35	−41 13.6	2.939	3.774	9.8	22.4
8 29	19 41.71	−40 48.6	3.035	3.778	11.6	22.5

139691 2001 QT_{214} 7 23.1 225°.34 1°.3/23.9 18

6 20	20 32.96	−14 15.5	2.619	3.474	10.5	20.8
6 30	20 27.63	−14 33.2	2.530	3.463	7.8	20.6
7 10	20 20.81	−14 58.2	2.465	3.452	4.8	20.4
7 20	20 12.99	−15 28.7	2.428	3.440	1.8	20.1
7 30	20 4.81	−16 2.3	2.420	3.428	2.4	20.2
8 9	19 57.00	−16 36.4	2.440	3.415	5.6	20.4
8 19	19 50.23	−17 8.8	2.488	3.402	8.6	20.5
8 29	19 45.06	−17 37.6	2.560	3.388	11.3	20.7

152056 2004 PD_{69} 7 23.1 312°.02 1°.1/22.5 18

6 20	20 32.28	−21 21.1	1.911	2.795	12.4	20.3
6 30	20 27.76	−21 48.6	1.821	2.772	9.1	20.0
7 10	20 21.18	−22 21.3	1.754	2.750	5.4	19.8
7 20	20 13.12	−22 55.3	1.713	2.728	1.5	19.4
7 30	20 4.48	−23 26.7	1.698	2.706	3.4	19.5
8 9	19 56.32	−23 51.9	1.710	2.684	7.6	19.8
8 19	19 49.62	−24 9.0	1.746	2.662	11.4	19.9
8 29	19 45.15	−24 17.1	1.804	2.642	14.8	20.1

59979 1999 SV_5 7 23.1 254°.61 15°.2/ 1.2 18

6 20	20 36.05	+15 2.3	1.379	2.131	23.0	19.5
6 30	20 31.22	+15 30.6	1.291	2.113	20.9	19.3
7 10	20 23.59	+15 19.4	1.218	2.095	18.5	19.1
7 20	20 13.77	+14 20.9	1.161	2.076	16.4	18.9
7 30	20 2.93	+12 31.2	1.124	2.056	15.3	18.8
8 9	19 52.53	+ 9 54.8	1.109	2.035	15.8	18.7
8 19	19 44.01	+ 6 43.2	1.115	2.014	17.9	18.8
8 29	19 38.50	+ 3 12.9	1.143	1.992	20.9	18.9

352603 2008 EK_{79} 7 23.1 110°.30 4°.9/26.7 17

6 20	20 31.75	− 2 25.2	2.459	3.273	12.3	21.2
6 30	20 26.63	− 2 24.5	2.394	3.288	9.9	21.0
7 10	20 20.15	− 2 38.1	2.352	3.303	7.4	20.9
7 20	20 12.81	− 3 5.7	2.336	3.317	5.4	20.8
7 30	20 5.29	− 3 45.5	2.346	3.331	5.0	20.8
8 9	19 58.27	− 4 34.5	2.384	3.345	6.6	20.9
8 19	19 52.36	− 5 29.0	2.449	3.359	8.9	21.1
8 29	19 48.05	− 6 25.5	2.538	3.372	11.2	21.3

440964 2007 BG_{63} 7 23.1 104°.08 0°.6/22.8 18

6 20	20 34.50	−21 37.3	2.268	3.142	11.2	20.6
6 30	20 28.85	−21 41.2	2.198	3.144	8.1	20.4
7 10	20 21.52	−21 47.2	2.152	3.146	4.7	20.2
7 20	20 13.15	−21 53.0	2.134	3.148	1.2	19.9
7 30	20 4.53	−21 56.2	2.143	3.151	2.7	20.0
8 9	19 56.54	−21 55.3	2.180	3.153	6.2	20.3
8 19	19 49.89	−21 49.8	2.243	3.155	9.5	20.5
8 29	19 45.17	−21 39.5	2.329	3.157	12.2	20.7

145674 1524 $T\text{-}_2$ 7 23.1 326°.54 0°.8/22.8 18

6 20	20 32.81	−20 31.0	1.160	2.066	17.0	20.3
6 30	20 29.15	−20 45.4	1.085	2.047	12.7	20.0
7 10	20 22.44	−21 7.5	1.030	2.029	7.5	19.6
7 20	20 13.48	−21 33.1	0.996	2.012	1.9	19.2
7 30	20 3.67	−21 56.6	0.986	1.995	4.4	19.4
8 9	19 54.71	−22 13.2	0.997	1.980	10.2	19.6
8 19	19 48.08	−22 20.4	1.029	1.965	15.5	19.9
8 29	19 44.87	−22 17.6	1.079	1.952	20.1	20.1

456116 2006 CS_{56} 7 23.1 59°.10 0°.2/23.2 17

6 20	20 38.32	−18 26.8	1.165	2.061	17.8	21.1
6 30	20 32.63	−18 40.0	1.120	2.076	13.0	20.9
7 10	20 24.10	−19 2.2	1.094	2.091	7.6	20.6
7 20	20 13.78	−19 28.6	1.091	2.106	1.9	20.3
7 30	20 3.22	−19 54.1	1.112	2.122	3.9	20.5
8 9	19 54.00	−20 14.5	1.157	2.138	9.3	20.9
8 19	19 47.29	−20 27.8	1.223	2.154	14.1	21.2
8 29	19 43.84	−20 33.4	1.309	2.170	18.0	21.5

44700 1999 SG_3 7 23.1 317°.94 15°.8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.93	+ 3 34.8	1.253	2.075	21.3	16.9
6 30	20 32.79	+ 6 34.4	1.172	2.050	19.0	16.7
7 10	20 24.61	+ 9 19.0	1.111	2.026	17.0	16.5
7 20	20 14.05	+11 37.1	1.070	2.003	15.8	16.3
7 30	20 2.35	+13 17.9	1.050	1.980	16.2	16.3
8 9	19 51.13	+14 16.3	1.050	1.959	18.0	16.3
8 19	19 41.92	+14 33.4	1.067	1.938	20.7	16.4
8 29	19 35.97	+14 16.2	1.100	1.918	23.5	16.5

231351 2006 FM_{37} 7 23.1 142°.41 4°.3/24.9 18

6 20	20 36.44	− 8 40.2	2.027	2.869	13.5	20.5
6 30	20 30.33	− 8 8.0	1.958	2.876	10.5	20.3
7 10	20 22.42	− 7 46.9	1.912	2.883	7.3	20.1
7 20	20 13.38	− 7 37.0	1.891	2.889	4.7	20.0
7 30	20 4.07	− 7 37.5	1.898	2.895	4.7	20.0
8 9	19 55.42	− 7 46.6	1.933	2.901	7.3	20.2
8 19	19 48.22	− 8 1.8	1.992	2.906	10.4	20.4
8 29	19 43.08	− 8 20.3	2.075	2.911	13.3	20.6

39131 2000 WG_{58} 7 23.1 319°.62 2°.2/21.9 18

6 20	20 33.17	−22 4.2	1.492	2.387	14.6	18.6
6 30	20 28.87	−22 57.0	1.418	2.375	10.7	18.3
7 10	20 22.02	−23 56.9	1.365	2.362	6.3	18.0
7 20	20 13.36	−24 57.9	1.337	2.350	2.4	17.8
7 30	20 4.03	−25 53.3	1.334	2.339	4.6	17.9
8 9	19 55.41	−26 37.6	1.355	2.328	9.2	18.1
8 19	19 48.70	−27 8.0	1.399	2.317	13.6	18.3
8 29	19 44.81	−27 23.9	1.463	2.307	17.4	18.6

392128 2009 FM_{60} 7 23.1 321°.54 0°.9/23.6 18

6 20	20 32.98	−16 25.8	1.883	2.758	13.0	21.4
6 30	20 28.09	−16 39.3	1.809	2.754	9.6	21.2
7 10	20 21.26	−17 0.7	1.758	2.750	5.8	21.0
7 20	20 13.13	−17 27.4	1.732	2.746	1.8	20.7
7 30	20 4.60	−17 56.3	1.733	2.742	2.9	20.8
8 9	19 56.69	−18 24.1	1.760	2.738	7.0	21.0
8 19	19 50.27	−18 48.4	1.813	2.735	10.8	21.3
8 29	19 46.02	−19 7.4	1.887	2.731	14.0	21.5

121633 Ronperison 7 23.1 307°.62 4°.0/20.5 18

6 20	20 33.14	−28 23.8	1.995	2.881	11.9	19.4
6 30	20 28.43	−29 25.3	1.914	2.864	8.9	19.2
7 10	20 21.59	−30 27.5	1.856	2.846	5.8	19.0
7 20	20 13.23	−31 24.8	1.825	2.828	4.0	18.8
7 30	20 4.30	−32 11.3	1.820	2.811	5.6	18.9
8 9	19 55.89	−32 43.5	1.841	2.794	8.8	19.1
8 19	19 48.99	−33 0.0	1.886	2.777	12.0	19.2
8 29	19 44.41	−33 1.5	1.952	2.760	15.0	19.4

313280 2002 AK_{112} 7 23.1 253°.52 0°.3/22.9 17

6 20	20 39.10	−19 59.6	1.495	2.379	15.3	20.8
6 30	20 33.16	−20 7.2	1.417	2.367	11.3	20.5
7 10	20 24.51	−20 20.5	1.360	2.355	6.7	20.2
7 20	20 13.95	−20 35.9	1.327	2.342	1.6	19.9
7 30	20 2.73	−20 49.3	1.321	2.329	3.7	20.0
8 9	19 52.29	−20 57.5	1.339	2.316	8.8	20.3
8 19	19 43.89	−20 59.2	1.382	2.303	13.5	20.5
8 29	19 38.46	−20 54.1	1.444	2.289	17.5	20.7

117637 2005 EJ_{131} 7 23.1 149°.11 2°.5/21.5 18

6 20	20 35.30	−24 14.2	2.049	2.928	11.9	19.9
6 30	20 29.72	−25 12.0	1.984	2.933	8.7	19.7
7 10	20 22.18	−26 12.4	1.944	2.937	5.2	19.5
7 20	20 13.35	−27 10.1	1.930	2.941	2.5	19.3
7 30	20 4.16	−28 0.1	1.945	2.945	4.2	19.5
8 9	19 55.61	−28 39.0	1.986	2.948	7.6	19.7
8 19	19 48.58	−29 5.4	2.053	2.951	10.9	19.9
8 29	19 43.75	−29 19.4	2.141	2.954	13.7	20.1

182044 Ryschkewitsch 7 23.1 319°.57 0°.3/23.2 18

6 20	20 33.09	−18 27.6	1.238	2.138	16.7	19.7
6 30	20 29.22	−18 38.0	1.159	2.117	12.4	19.4
7 10	20 22.45	−18 58.2	1.099	2.096	7.4	19.1
7 20	20 13.51	−19 24.5	1.061	2.076	1.9	18.6
7 30	20 3.70	−19 52.2	1.047	2.057	4.0	18.7
8 9	19 54.63	−20 16.5	1.056	2.039	9.7	19.0
8 19	19 47.72	−20 34.1	1.086	2.021	15.0	19.2
8 29	19 44.06	−20 43.4	1.134	2.005	19.5	19.5

84063 2002 PC_{122} 7 23.1 285°.32 2°.5/24.2 18

6 20	20 34.67	−13 26.2	1.935	2.799	13.2	19.7
6 30	20 29.43	−13 12.6	1.840	2.776	10.1	19.5
7 10	20 22.14	−13 7.5	1.768	2.753	6.5	19.2
7 20	20 13.38	−13 10.2	1.720	2.730	3.1	19.0
7 30	20 4.04	−13 18.9	1.700	2.707	3.6	19.0
8 9	19 55.14	−13 31.6	1.707	2.683	7.3	19.1
8 19	19 47.63	−13 45.9	1.739	2.660	11.2	19.3
8 29	19 42.30	−13 59.8	1.792	2.636	14.7	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
513696 2012 BC_{140}			7 23.1 190°.92		2°.1/24.8 18	
	h m	° ′			°	m
6 20	20 30.66	−10 25.7	2.967	3.808	9.7	22.1
6 30	20 25.77	−10 41.0	2.885	3.807	7.4	21.9
7 10	20 19.65	−11 4.7	2.828	3.805	4.9	21.8
7 20	20 12.73	−11 35.5	2.798	3.803	2.6	21.6
7 30	20 5.57	−12 11.4	2.797	3.800	2.7	21.6
8 9	19 58.76	−12 50.2	2.825	3.798	5.0	21.8
8 19	19 52.84	−13 29.5	2.880	3.794	7.5	21.9
8 29	19 48.28	−14 7.2	2.961	3.791	9.8	22.1
386419 2008 UA_{348}			7 23.1 180°.84		1°.5/23.9 18	
6 20	20 34.73	−14 17.7	2.148	3.008	12.2	22.3
6 30	20 29.12	−14 28.8	2.073	3.009	9.1	22.1
7 10	20 21.76	−14 48.2	2.022	3.010	5.6	21.9
7 20	20 13.26	−15 13.9	1.998	3.010	2.2	21.6
7 30	20 4.42	−15 43.1	2.001	3.009	2.8	21.7
8 9	19 56.15	−16 13.0	2.033	3.009	6.4	21.9
8 19	19 49.23	−16 41.0	2.090	3.007	9.8	22.1
8 29	19 44.26	−17 5.5	2.171	3.006	12.8	22.3
8164 Andreasdoppler			7 23.1 144°.68		1°.2/22.5 18	
6 20	20 38.21	−20 12.2	1.541	2.425	14.9	17.9
6 30	20 32.28	−20 58.0	1.480	2.431	10.9	17.7
7 10	20 23.86	−21 50.8	1.441	2.436	6.3	17.4
7 20	20 13.79	−22 45.0	1.427	2.442	1.7	17.1
7 30	20 3.28	−23 34.5	1.439	2.446	3.9	17.3
8 9	19 53.67	−24 14.7	1.478	2.451	8.6	17.6
8 19	19 46.08	−24 43.3	1.540	2.455	12.8	17.8
8 29	19 41.28	−25 0.2	1.622	2.459	16.3	18.1
250554 2004 RL_{157}			7 23.1 113°.85		3°.5/25.1 18	
6 20	20 32.38	− 8 47.1	2.380	3.222	11.8	20.0
6 30	20 27.19	− 8 31.3	2.309	3.228	9.1	19.9
7 10	20 20.54	− 8 25.7	2.261	3.233	6.3	19.7
7 20	20 12.95	− 8 29.7	2.239	3.238	4.0	19.6
7 30	20 5.13	− 8 42.2	2.245	3.244	3.9	19.6
8 9	19 57.83	− 9 1.1	2.279	3.249	6.2	19.7
8 19	19 51.68	− 9 24.0	2.338	3.254	9.0	19.9
8 29	19 47.22	− 9 48.5	2.422	3.259	11.5	20.1
481649 2007 VA_{157}			7 23.1 204°.35		0°.2/23.2 17	
6 20	20 37.60	−17 27.9	1.664	2.540	14.4	22.0
6 30	20 31.75	−17 57.1	1.591	2.537	10.6	21.8
7 10	20 23.55	−18 35.0	1.540	2.534	6.3	21.5
7 20	20 13.73	−19 17.9	1.515	2.529	1.6	21.2
7 30	20 3.38	−20 0.8	1.516	2.525	3.3	21.3
8 9	19 53.76	−20 39.5	1.544	2.520	8.0	21.6
8 19	19 45.93	−21 11.1	1.596	2.514	12.2	21.8
8 29	19 40.71	−21 34.2	1.669	2.508	15.8	22.1
255381 2005 WL_{137}			7 23.1 44°.04		0°.9/23.6 18	
6 20	20 32.54	−16 34.3	2.130	3.001	11.9	20.7
6 30	20 27.52	−16 44.4	2.061	3.004	8.8	20.6
7 10	20 20.82	−17 1.0	2.016	3.008	5.3	20.3
7 20	20 13.04	−17 22.0	1.997	3.011	1.6	20.1
7 30	20 4.98	−17 44.7	2.006	3.015	2.6	20.2
8 9	19 57.52	−18 6.5	2.042	3.019	6.3	20.4
8 19	19 51.39	−18 25.4	2.103	3.023	9.6	20.6
8 29	19 47.18	−18 40.2	2.188	3.027	12.5	20.8
106609 2000 WN_{116}			7 23.1 227°.42		3°.4/21.6 18	
6 20	20 39.28	−26 5.5	1.602	2.488	14.3	20.2
6 30	20 33.22	−26 51.0	1.531	2.482	10.6	20.0
7 10	20 24.52	−27 38.0	1.482	2.475	6.5	19.7
7 20	20 13.98	−28 20.0	1.458	2.468	3.5	19.5
7 30	20 2.86	−28 51.0	1.461	2.461	5.3	19.6
8 9	19 52.57	−29 7.6	1.489	2.453	9.4	19.8
8 19	19 44.33	−29 9.2	1.540	2.445	13.5	20.1
8 29	19 39.01	−28 57.5	1.612	2.436	16.9	20.3
483247 2015 SG_{2}			7 23.1 210°.48		3°.4/25.2 18	
6 20	20 31.88	− 8 30.0	2.546	3.385	11.2	21.5
6 30	20 26.81	− 8 18.5	2.465	3.381	8.7	21.3
7 10	20 20.33	− 8 16.7	2.407	3.378	6.1	21.1
7 20	20 12.92	− 8 24.3	2.376	3.375	3.8	21.0
7 30	20 5.23	− 8 40.0	2.373	3.371	3.8	21.0
8 9	19 57.97	− 9 1.9	2.398	3.367	6.0	21.1
8 19	19 51.76	− 9 27.8	2.449	3.363	8.7	21.3
8 29	19 47.13	− 9 55.1	2.524	3.359	11.2	21.4
245570 2005 UT_{155}			7 23.1 336°.75		2°.9/21.3 18	
6 20	20 31.14	−23 29.8	1.687	2.581	13.3	19.8
6 30	20 27.16	−24 40.3	1.614	2.570	9.7	19.5
7 10	20 20.94	−25 56.7	1.563	2.559	5.9	19.3
7 20	20 13.12	−27 12.7	1.538	2.549	2.9	19.1
7 30	20 4.73	−28 21.2	1.539	2.540	4.9	19.2
8 9	19 56.95	−29 17.0	1.566	2.532	8.9	19.4
8 19	19 50.84	−29 57.2	1.615	2.524	12.7	19.6
8 29	19 47.23	−30 21.4	1.685	2.517	16.0	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
156675 2002 JL_{121}			7 23.1 314°.91		3°.0/25.4 18	
	h m	° ′			°	m
6 20	20 30.27	− 7 57.6	2.260	3.106	12.2	19.7
6 30	20 25.84	− 8 27.8	2.181	3.103	9.4	19.5
7 10	20 19.86	− 9 11.6	2.124	3.100	6.4	19.3
7 20	20 12.82	−10 7.2	2.094	3.097	3.6	19.1
7 30	20 5.45	−11 11.4	2.091	3.094	3.5	19.1
8 9	19 58.51	−12 20.2	2.116	3.092	6.2	19.3
8 19	19 52.71	−13 29.1	2.168	3.089	9.3	19.4
8 29	19 48.63	−14 34.7	2.243	3.087	12.1	19.6
361091 2006 BE_{256}			7 23.1 11°.24		2°.5/22.3 17	
6 20	20 33.31	−23 2.4	0.933	1.853	18.9	19.6
6 30	20 29.72	−23 30.7	0.886	1.855	13.9	19.3
7 10	20 22.76	−24 4.3	0.857	1.858	8.2	19.0
7 20	20 13.57	−24 36.2	0.848	1.863	2.9	18.7
7 30	20 3.90	−24 59.3	0.861	1.869	5.5	18.9
8 9	19 55.66	−25 9.2	0.894	1.876	11.2	19.2
8 19	19 50.27	−25 5.1	0.946	1.885	16.3	19.5
8 29	19 48.59	−24 48.4	1.016	1.894	20.7	19.8
36257 1999 XT_{20}			7 23.1 17°.07		0°.1/23.2 18	
6 20	20 31.55	−18 7.5	1.771	2.655	13.3	17.6
6 30	20 27.09	−18 31.6	1.709	2.660	9.7	17.4
7 10	20 20.69	−19 2.8	1.670	2.665	5.7	17.2
7 20	20 13.03	−19 37.8	1.656	2.671	1.4	16.9
7 30	20 5.06	−20 12.6	1.668	2.677	3.0	17.1
8 9	19 57.81	−20 43.7	1.706	2.684	7.1	17.3
8 19	19 52.13	−21 8.7	1.768	2.691	10.9	17.6
8 29	19 48.68	−21 26.4	1.852	2.700	14.1	17.8
265717 2005 UY_{308}			7 23.1 23°.14		3°.3/24.5 17	
6 20	20 32.50	−12 5.4	1.195	2.085	17.9	20.1
6 30	20 28.38	−12 5.7	1.143	2.092	13.5	19.9
7 10	20 21.67	−12 22.3	1.111	2.101	8.7	19.6
7 20	20 13.29	−12 52.8	1.100	2.110	4.1	19.4
7 30	20 4.54	−13 33.1	1.113	2.121	4.5	19.5
8 9	19 56.84	−14 17.3	1.148	2.132	9.0	19.8
8 19	19 51.32	−15 0.5	1.206	2.144	13.6	20.0
8 29	19 48.74	−15 38.7	1.283	2.157	17.5	20.3
494482 2016 WG_{27}			7 23.1 342°.84		3°.0/24.4 18	
6 20	20 33.26	−12 31.9	1.910	2.774	13.3	20.6
6 30	20 28.22	−12 5.5	1.835	2.770	10.2	20.4
7 10	20 21.32	−11 47.9	1.782	2.766	6.7	20.2
7 20	20 13.19	−11 38.8	1.755	2.762	3.6	20.0
7 30	20 4.71	−11 37.0	1.754	2.759	3.9	20.0
8 9	19 56.84	−11 40.7	1.780	2.756	7.1	20.2
8 19	19 50.43	−11 48.0	1.830	2.753	10.6	20.4
8 29	19 46.11	−11 56.8	1.903	2.751	13.8	20.6
97315 1999 XA_{211}			7 23.1 280°.01		2°.7/22.2 18	
6 20	20 39.56	−27 29.5	1.840	2.720	13.1	19.5
6 30	20 33.10	−27 30.6	1.760	2.708	9.7	19.2
7 10	20 24.29	−27 28.9	1.704	2.696	6.0	19.0
7 20	20 13.92	−27 20.6	1.673	2.684	2.9	18.8
7 30	20 3.11	−27 2.6	1.669	2.672	4.4	18.8
8 9	19 53.09	−26 34.1	1.692	2.659	8.2	19.0
8 19	19 44.92	−25 56.2	1.740	2.647	12.0	19.2
8 29	19 39.35	−25 11.1	1.810	2.635	15.3	19.4
212888 2007 VU_{284}			7 23.1 147°.74		4°.2/20.3 17	
6 20	20 35.98	−30 10.4	2.211	3.089	11.2	20.6
6 30	20 30.19	−31 14.1	2.150	3.094	8.4	20.4
7 10	20 22.46	−32 15.7	2.114	3.098	5.7	20.2
7 20	20 13.46	−33 9.6	2.104	3.103	4.2	20.2
7 30	20 4.11	−33 51.1	2.122	3.107	5.5	20.2
8 9	19 55.41	−34 17.6	2.167	3.111	8.2	20.4
8 19	19 48.23	−34 28.8	2.236	3.114	10.9	20.6
8 29	19 43.22	−34 26.2	2.327	3.118	13.4	20.8
147931 2006 WO_{102}			7 23.1 58°.35		0°.3/22.9 18	
6 20	20 33.58	−19 24.8	1.977	2.855	12.4	20.4
6 30	20 28.37	−19 45.4	1.917	2.864	9.0	20.2
7 10	20 21.35	−20 10.9	1.879	2.874	5.2	20.0
7 20	20 13.18	−20 38.3	1.868	2.883	1.2	19.7
7 30	20 4.77	−21 4.2	1.884	2.893	2.9	19.9
8 9	19 57.06	−21 25.9	1.927	2.902	6.7	20.1
8 19	19 50.84	−21 41.7	1.995	2.912	10.2	20.4
8 29	19 46.71	−21 51.0	2.086	2.922	13.2	20.6
472150 2014 CL_{20}			7 23.1 251°.45		5°.0/21.2 18	
6 20	20 41.19	−32 59.3	1.887	2.763	13.0	20.9
6 30	20 34.31	−33 22.3	1.814	2.754	9.9	20.7
7 10	20 25.00	−33 38.9	1.763	2.746	6.8	20.5
7 20	20 14.09	−33 43.7	1.739	2.737	5.0	20.4
7 30	20 2.77	−33 32.6	1.741	2.728	6.2	20.5
8 9	19 52.34	−33 4.9	1.769	2.719	9.3	20.6
8 19	19 43.88	−32 22.3	1.822	2.710	12.5	20.8
8 29	19 38.17	−31 28.6	1.895	2.700	15.5	21.0

123839 2001 CD_{22} 7 23.1 98°.74 1°.4/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.11	−23 23.5	2.395	3.269	10.6	20.0
6 30	20 28.49	−23 45.6	2.335	3.281	7.7	19.9
7 10	20 21.31	−24 9.0	2.299	3.293	4.5	19.7
7 20	20 13.17	−24 30.6	2.291	3.304	1.6	19.5
7 30	20 4.84	−24 47.6	2.311	3.316	3.0	19.6
8 9	19 57.14	−24 58.3	2.359	3.327	6.2	19.9
8 19	19 50.74	−25 2.0	2.433	3.338	9.1	20.1
8 29	19 46.17	−24 58.8	2.530	3.349	11.6	20.3

335753 2007 EO_{73} 7 23.1 349°.37 3°.0/21.9 16

6 20	20 33.70	−25 1.0	1.229	2.136	16.3	20.3
6 30	20 29.59	−25 28.9	1.167	2.129	12.0	20.0
7 10	20 22.57	−25 58.9	1.125	2.122	7.2	19.7
7 20	20 13.56	−26 25.1	1.105	2.117	3.2	19.5
7 30	20 3.98	−26 41.6	1.108	2.113	5.4	19.6
8 9	19 55.44	−26 44.9	1.134	2.110	10.2	19.9
8 19	19 49.27	−26 34.5	1.182	2.108	14.8	20.1
8 29	19 46.34	−26 12.1	1.247	2.107	18.8	20.4

346428 2008 ST_{235} 7 23.1 271°.87 1°.4/22.5 18

6 20	20 35.53	−22 9.2	1.818	2.700	13.1	21.7
6 30	20 30.16	−22 35.4	1.741	2.691	9.6	21.5
7 10	20 22.60	−23 5.4	1.687	2.682	5.6	21.2
7 20	20 13.54	−23 35.2	1.659	2.673	1.8	21.0
7 30	20 4.00	−24 0.6	1.658	2.664	3.6	21.1
8 9	19 55.11	−24 18.5	1.683	2.655	7.8	21.3
8 19	19 47.88	−24 27.5	1.732	2.646	11.7	21.5
8 29	19 43.07	−24 27.6	1.803	2.637	15.0	21.7

462184 2007 TY_{442} 7 23.1 287°.31 5°.4/25.8 18

6 20	20 33.40	− 5 46.1	1.390	2.250	17.6	20.9
6 30	20 29.14	− 5 56.7	1.306	2.234	14.0	20.6
7 10	20 22.30	− 6 30.3	1.242	2.217	10.0	20.3
7 20	20 13.53	− 7 26.7	1.200	2.200	6.3	20.1
7 30	20 3.96	− 8 42.5	1.182	2.184	5.9	20.0
8 9	19 54.93	−10 10.9	1.188	2.167	9.5	20.2
8 19	19 47.73	−11 43.9	1.218	2.151	13.9	20.4
8 29	19 43.36	−13 14.1	1.268	2.134	18.1	20.6

81048 2000 EU_{62} 7 23.1 97°.28 1°.6/22.4 17

6 20	20 38.55	−22 22.9	1.611	2.494	14.4	20.4
6 30	20 32.33	−22 53.4	1.557	2.508	10.5	20.2
7 10	20 23.79	−23 27.2	1.527	2.522	6.1	20.0
7 20	20 13.80	−23 59.3	1.521	2.535	2.0	19.8
7 30	20 3.56	−24 25.2	1.543	2.549	3.9	19.9
8 9	19 54.32	−24 42.0	1.590	2.562	8.2	20.2
8 19	19 47.07	−24 48.8	1.661	2.574	12.1	20.5
8 29	19 42.50	−24 46.3	1.753	2.587	15.4	20.7

282567 2004 XH_{95} 7 23.1 9°.08 1°.7/22.1 18

6 20	20 33.26	−19 49.9	1.624	2.512	14.0	20.2
6 30	20 28.67	−21 4.1	1.559	2.512	10.2	19.9
7 10	20 21.80	−22 27.3	1.517	2.513	5.9	19.7
7 20	20 13.37	−23 53.1	1.500	2.514	1.9	19.4
7 30	20 4.43	−25 14.0	1.510	2.516	4.1	19.6
8 9	19 56.19	−26 23.9	1.546	2.517	8.4	19.8
8 19	19 49.71	−27 19.3	1.606	2.519	12.4	20.1
8 29	19 45.78	−27 59.0	1.686	2.521	15.8	20.3

397734 2008 EM_{117} 7 23.1 57°.61 1°.3/22.4 17

6 20	20 33.57	−22 14.6	2.034	2.915	12.0	21.2
6 30	20 28.36	−22 45.7	1.976	2.926	8.7	21.0
7 10	20 21.35	−23 19.6	1.942	2.937	5.0	20.8
7 20	20 13.22	−23 52.6	1.934	2.948	1.6	20.6
7 30	20 4.86	−24 21.1	1.954	2.960	3.3	20.7
8 9	19 57.19	−24 42.6	2.000	2.971	6.9	21.0
8 19	19 51.02	−24 55.6	2.072	2.983	10.2	21.2
8 29	19 46.92	−25 0.3	2.166	2.995	13.0	21.4

476582 2008 RW_{123} 7 23.1 307°.87 1°.0/22.7 18

6 20	20 35.23	−21 25.3	1.509	2.400	14.8	21.9
6 30	20 30.38	−21 40.0	1.429	2.383	10.9	21.6
7 10	20 22.95	−21 59.7	1.370	2.366	6.4	21.3
7 20	20 13.68	−22 20.4	1.335	2.350	1.7	21.0
7 30	20 3.74	−22 37.7	1.326	2.334	3.9	21.1
8 9	19 54.51	−22 48.3	1.341	2.318	8.8	21.4
8 19	19 47.20	−22 50.4	1.379	2.303	13.3	21.6
8 29	19 42.73	−22 44.1	1.438	2.288	17.3	21.8

378586 2008 EJ_{15} 7 23.1 290°.33 5°.2/20.9 18

6 20	20 38.68	−29 51.7	1.462	2.355	15.0	20.7
6 30	20 33.16	−30 39.1	1.389	2.341	11.4	20.5
7 10	20 24.69	−31 24.7	1.337	2.327	7.6	20.2
7 20	20 14.11	−32 0.8	1.309	2.313	5.2	20.0
7 30	20 2.82	−32 20.6	1.306	2.299	6.9	20.1
8 9	19 52.42	−32 21.0	1.327	2.286	10.9	20.3
8 19	19 44.30	−32 2.4	1.370	2.272	14.9	20.5
8 29	19 39.44	−31 28.1	1.432	2.259	18.5	20.7

509467 2007 RS_{167} 7 23.1 301°.84 4°.0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 36.64	−28 48.8	1.749	2.636	13.3	21.3
6 30	20 31.13	−29 26.3	1.677	2.627	9.9	21.1
7 10	20 23.24	−30 2.0	1.629	2.619	6.4	20.8
7 20	20 13.73	−30 30.5	1.605	2.610	4.0	20.7
7 30	20 3.72	−30 46.8	1.607	2.602	5.6	20.8
8 9	19 54.50	−30 48.4	1.635	2.594	9.1	20.9
8 19	19 47.14	−30 35.5	1.686	2.586	12.7	21.1
8 29	19 42.45	−30 10.2	1.758	2.579	15.9	21.3

205190 2000 DH_{47} 7 23.1 184°.67 2°.1/22.0 18

6 20	20 37.03	−25 30.6	2.212	3.086	11.4	21.3
6 30	20 30.85	−25 52.0	2.141	3.086	8.3	21.1
7 10	20 22.82	−26 13.4	2.094	3.086	5.0	20.9
7 20	20 13.59	−26 31.0	2.074	3.085	2.2	20.7
7 30	20 4.06	−26 41.8	2.082	3.084	3.7	20.8
8 9	19 55.18	−26 44.0	2.118	3.083	7.0	21.0
8 19	19 47.78	−26 37.4	2.180	3.082	10.2	21.2
8 29	19 42.49	−26 22.7	2.265	3.080	13.0	21.4

436150 2009 VM_{6} 7 23.1 151°.58 0°.7/22.7 17

6 20	20 37.49	−20 35.0	2.177	3.046	11.8	22.5
6 30	20 31.11	−21 0.9	2.112	3.055	8.6	22.3
7 10	20 22.93	−21 30.5	2.071	3.064	5.0	22.1
7 20	20 13.61	−22 0.4	2.057	3.072	1.3	21.9
7 30	20 4.02	−22 27.1	2.072	3.079	2.9	22.0
8 9	19 55.11	−22 48.3	2.115	3.086	6.6	22.3
8 19	19 47.65	−23 2.6	2.185	3.092	9.9	22.5
8 29	19 42.27	−23 9.8	2.277	3.098	12.7	22.7

202600 2006 HT_{20} 7 23.1 59°.03 3°.4/21.5 16

6 20	20 36.35	−26 42.7	1.690	2.579	13.6	20.7
6 30	20 30.78	−27 27.7	1.636	2.588	10.0	20.5
7 10	20 22.93	−28 12.6	1.604	2.597	6.2	20.3
7 20	20 13.62	−28 51.6	1.597	2.606	3.5	20.1
7 30	20 4.02	−29 19.6	1.617	2.616	5.1	20.3
8 9	19 55.33	−29 34.1	1.662	2.625	8.7	20.5
8 19	19 48.55	−29 34.8	1.731	2.635	12.2	20.7
8 29	19 44.37	−29 23.4	1.821	2.645	15.3	21.0

87216 2000 OG_{38} 7 23.1 286°.18 5°.7/25.7 18

6 20	20 32.88	− 4 31.9	2.095	2.926	13.6	19.0
6 30	20 27.91	− 3 54.4	2.006	2.912	11.0	18.8
7 10	20 21.18	− 3 30.0	1.940	2.898	8.3	18.6
7 20	20 13.23	− 3 20.1	1.899	2.883	6.2	18.5
7 30	20 4.83	− 3 24.5	1.883	2.869	6.0	18.4
8 9	19 56.87	− 3 41.5	1.894	2.855	8.0	18.5
8 19	19 50.14	− 4 8.5	1.930	2.841	10.8	18.7
8 29	19 45.33	− 4 41.6	1.988	2.827	13.6	18.8

92994 2000 RB_{76} 7 23.1 314°.12 3°.8/24.1 18

6 20	20 35.51	−13 30.9	1.454	2.332	16.0	18.5
6 30	20 30.61	−12 43.8	1.367	2.310	12.3	18.2
7 10	20 23.13	−12 4.8	1.301	2.288	8.2	17.9
7 20	20 13.76	−11 34.6	1.259	2.267	4.4	17.7
7 30	20 3.64	−11 13.1	1.241	2.246	4.9	17.6
8 9	19 54.16	−10 59.4	1.248	2.226	9.2	17.8
8 19	19 46.54	−10 51.9	1.277	2.206	13.7	18.0
8 29	19 41.74	−10 48.6	1.326	2.187	17.8	18.2

353253 2010 EQ_{42} 7 23.1 225°.97 0°.5/22.8 18

6 20	20 35.24	−19 4.8	2.055	2.928	12.2	21.1
6 30	20 29.75	−19 44.4	1.975	2.920	8.9	20.9
7 10	20 22.31	−20 30.8	1.918	2.911	5.2	20.7
7 20	20 13.51	−21 20.0	1.888	2.902	1.3	20.4
7 30	20 4.24	−22 7.6	1.885	2.893	3.0	20.5
8 9	19 55.48	−22 49.9	1.911	2.883	7.0	20.7
8 19	19 48.13	−23 24.4	1.962	2.873	10.6	20.9
8 29	19 42.91	−23 49.8	2.035	2.863	13.8	21.1

294368 2007 VM_{112} 7 23.1 79°.88 5°.2/20.7 17

6 20	20 39.64	−28 31.2	1.363	2.258	15.8	20.5
6 30	20 33.66	−29 46.1	1.317	2.271	11.7	20.3
7 10	20 24.81	−30 59.3	1.293	2.284	7.6	20.1
7 20	20 14.11	−32 2.1	1.293	2.297	5.2	20.0
7 30	20 3.05	−32 46.8	1.318	2.310	7.1	20.1
8 9	19 53.22	−33 10.1	1.367	2.323	10.8	20.4
8 19	19 45.85	−33 12.8	1.438	2.336	14.6	20.7
8 29	19 41.73	−32 58.1	1.527	2.349	17.8	20.9

293339 2007 DD_{90} 7 23.1 84°.00 3°.6/21.2 18

6 20	20 36.16	−30 31.3	2.285	3.161	11.0	20.6
6 30	20 30.17	−30 56.3	2.223	3.166	8.2	20.4
7 10	20 22.39	−31 17.5	2.185	3.172	5.4	20.2
7 20	20 13.49	−31 31.2	2.174	3.177	3.6	20.1
7 30	20 4.38	−31 34.4	2.191	3.182	4.8	20.2
8 9	19 55.99	−31 25.8	2.235	3.188	7.4	20.4
8 19	19 49.10	−31 6.2	2.304	3.193	10.2	20.6
8 29	19 44.30	−30 37.2	2.395	3.198	12.7	20.8

250590 2005 CW_{31} 7 23.1 298°.17 2°.8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.30	−24 24.4	1.305	2.203	16.1	20.3
6 30	20 32.38	−24 55.2	1.227	2.184	12.0	20.0
7 10	20 24.37	−25 29.8	1.169	2.166	7.2	19.6
7 20	20 14.09	−26 1.9	1.135	2.148	3.1	19.3
7 30	20 2.94	−26 24.9	1.124	2.129	5.3	19.4
8 9	19 52.60	−26 34.7	1.138	2.111	10.4	19.7
8 19	19 44.56	−26 30.1	1.172	2.094	15.4	19.9
8 29	19 39.92	−26 12.6	1.226	2.076	19.6	20.1

285616 2000 QD_{247} 7 23.1 351°.66 2°.4/24.2 17

6 20	20 26.47	−12 49.0	0.895	1.811	19.9	19.9
6 30	20 24.81	−13 17.0	0.836	1.801	15.1	19.6
7 10	20 20.05	−14 8.0	0.795	1.792	9.5	19.3
7 20	20 13.04	−15 18.1	0.773	1.786	3.7	18.9
7 30	20 5.28	−16 39.3	0.771	1.782	4.5	19.0
8 9	19 58.55	−18 1.5	0.789	1.779	10.5	19.3
8 19	19 54.34	−19 15.6	0.826	1.778	16.2	19.6
8 29	19 53.70	−20 15.5	0.879	1.780	21.1	19.9

2372 Proskurin 7 23.1 261°.48 0°.5/22.8 18 R

6 20	20 32.71	−19 56.1	2.462	3.333	10.5	17.0
6 30	20 27.65	−20 22.3	2.374	3.318	7.7	16.8
7 10	20 20.97	−20 52.8	2.310	3.303	4.5	16.6
7 20	20 13.18	−21 25.1	2.274	3.288	1.1	16.3
7 30	20 5.00	−21 56.1	2.266	3.273	2.6	16.4
8 9	19 57.22	−22 23.1	2.286	3.258	6.0	16.6
8 19	19 50.56	−22 44.4	2.332	3.242	9.2	16.8
8 29	19 45.66	−22 59.0	2.402	3.227	12.0	17.0

66841 1999 UA_{53} 7 23.1 261°.01 3°.8/25.5 18

6 20	20 32.43	− 7 25.1	1.873	2.723	14.2	18.9
6 30	20 27.72	− 7 46.8	1.796	2.720	11.0	18.7
7 10	20 21.12	− 8 24.9	1.741	2.717	7.6	18.5
7 20	20 13.23	− 9 17.6	1.711	2.714	4.4	18.3
7 30	20 4.91	−10 21.4	1.708	2.711	4.2	18.3
8 9	19 57.13	−11 31.4	1.731	2.707	7.2	18.5
8 19	19 50.76	−12 42.6	1.780	2.704	10.8	18.7
8 29	19 46.49	−13 50.4	1.851	2.701	14.0	18.9

216964 2000 CG_{31} 7 23.1 262°.06 0°.8/22.9 18

6 20	20 38.57	−21 28.5	1.614	2.496	14.4	20.0
6 30	20 32.64	−21 34.1	1.535	2.485	10.6	19.8
7 10	20 24.20	−21 43.3	1.479	2.473	6.3	19.5
7 20	20 14.00	−21 52.4	1.447	2.462	1.6	19.2
7 30	20 3.23	−21 58.1	1.442	2.450	3.6	19.3
8 9	19 53.22	−21 57.7	1.462	2.438	8.4	19.5
8 19	19 45.12	−21 50.4	1.507	2.425	12.8	19.8
8 29	19 39.79	−21 36.7	1.572	2.413	16.5	20.0

329013 2010 XV_{84} 7 23.1 296°.84 3°.6/21.3 18

6 20	20 35.68	−24 25.1	1.381	2.279	15.4	20.3
6 30	20 31.06	−25 32.7	1.307	2.264	11.4	20.1
7 10	20 23.54	−26 46.5	1.254	2.250	7.0	19.8
7 20	20 13.89	−27 58.8	1.224	2.235	3.7	19.5
7 30	20 3.41	−29 1.1	1.220	2.221	5.9	19.6
8 9	19 53.66	−29 47.0	1.239	2.206	10.6	19.9
8 19	19 46.07	−30 14.1	1.281	2.192	15.1	20.1
8 29	19 41.67	−30 23.1	1.341	2.179	19.0	20.3

185852 2000 EV_{1} 7 23.1 250°.28 3°.6/24.9 18

6 20	20 34.94	− 9 42.7	1.696	2.555	15.0	20.5
6 30	20 29.81	− 9 48.7	1.614	2.545	11.6	20.3
7 10	20 22.48	−10 9.5	1.554	2.535	7.8	20.0
7 20	20 13.59	−10 44.0	1.518	2.524	4.2	19.8
7 30	20 4.12	−11 29.0	1.508	2.513	4.3	19.8
8 9	19 55.23	−12 20.2	1.525	2.502	7.9	20.0
8 19	19 47.93	−13 13.1	1.566	2.490	12.0	20.2
8 29	19 43.03	−14 3.5	1.628	2.479	15.6	20.4

508446 2016 LW_{34} 7 23.1 64°.29 1°.4/23.9 17

6 20	20 35.18	−14 10.6	1.423	2.304	16.1	21.3
6 30	20 30.15	−14 41.5	1.364	2.311	12.0	21.1
7 10	20 22.69	−15 25.9	1.326	2.318	7.3	20.9
7 20	20 13.63	−16 19.6	1.312	2.325	2.5	20.6
7 30	20 4.16	−17 17.2	1.323	2.333	3.5	20.7
8 9	19 55.59	−18 12.8	1.360	2.340	8.3	21.0
8 19	19 49.00	−19 2.1	1.420	2.348	12.7	21.3
8 29	19 45.15	−19 42.5	1.500	2.356	16.4	21.5

512464 2016 QR_{47} 7 23.1 325°.38 0°.8/22.8 18

6 20	20 32.05	−19 17.6	1.421	2.317	15.2	20.8
6 30	20 28.18	−19 54.7	1.344	2.301	11.2	20.5
7 10	20 21.74	−20 41.5	1.287	2.285	6.6	20.2
7 20	20 13.46	−21 33.3	1.254	2.270	1.6	19.9
7 30	20 4.47	−22 24.0	1.246	2.255	3.9	20.0
8 9	19 56.15	−23 8.1	1.262	2.241	9.0	20.3
8 19	19 49.74	−23 42.0	1.301	2.228	13.7	20.5
8 29	19 46.17	−24 4.0	1.359	2.216	17.7	20.7

425568 2010 SV_{13} 7 23.1 277°.77 3°.1/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.01	−25 23.0	1.456	2.347	15.2	21.7
6 30	20 33.40	−25 54.4	1.376	2.329	11.3	21.4
7 10	20 24.88	−26 28.0	1.317	2.312	6.9	21.1
7 20	20 14.23	−26 57.6	1.282	2.294	3.2	20.9
7 30	20 2.79	−27 17.3	1.273	2.276	5.3	20.9
8 9	19 52.12	−27 23.4	1.288	2.258	9.9	21.2
8 19	19 43.61	−27 15.3	1.326	2.239	14.5	21.4
8 29	19 38.29	−26 54.8	1.383	2.221	18.5	21.6

112816 2002 QO_{5} 7 23.1 250°.03 0°.8/22.8 18

6 20	20 37.03	−22 8.8	2.067	2.941	12.1	19.5
6 30	20 31.02	−22 10.9	1.986	2.931	8.9	19.3
7 10	20 23.03	−22 14.9	1.928	2.921	5.2	19.1
7 20	20 13.71	−22 18.0	1.896	2.911	1.4	18.8
7 30	20 4.00	−22 17.7	1.893	2.900	3.1	18.9
8 9	19 54.89	−22 12.4	1.917	2.890	7.0	19.1
8 19	19 47.29	−22 1.4	1.967	2.879	10.6	19.3
8 29	19 41.88	−21 45.2	2.039	2.868	13.7	19.5

412411 2014 CW_{22} 7 23.1 171°.36 2°.8/25.0 18

6 20	20 33.62	− 9 20.9	2.300	3.144	12.1	22.1
6 30	20 28.25	− 9 37.2	2.224	3.147	9.3	21.9
7 10	20 21.29	−10 5.1	2.173	3.149	6.2	21.8
7 20	20 13.28	−10 42.8	2.147	3.151	3.4	21.6
7 30	20 4.96	−11 27.9	2.149	3.153	3.4	21.6
8 9	19 57.14	−12 16.8	2.180	3.154	6.2	21.8
8 19	19 50.51	−13 6.3	2.237	3.155	9.2	22.0
8 29	19 45.67	−13 53.5	2.319	3.155	12.0	22.1

225944 2002 BX_{3} 7 23.1 103°.85 4°.8/20.9 17

6 20	20 40.89	−31 40.9	1.872	2.749	13.0	19.9
6 30	20 33.90	−32 27.4	1.825	2.767	9.7	19.8
7 10	20 24.66	−33 8.6	1.802	2.785	6.6	19.6
7 20	20 14.08	−33 38.6	1.804	2.802	4.8	19.5
7 30	20 3.32	−33 53.3	1.833	2.819	6.1	19.6
8 9	19 53.60	−33 51.4	1.889	2.836	9.0	19.8
8 19	19 45.87	−33 34.2	1.969	2.852	12.0	20.1
8 29	19 40.76	−33 4.7	2.069	2.868	14.6	20.3

130171 2000 AS_{6} 7 23.1 259°.20 0°.6/23.5 18

6 20	20 34.10	−18 11.3	2.437	3.302	10.8	20.1
6 30	20 28.59	−18 5.0	2.352	3.292	8.0	19.9
7 10	20 21.49	−18 2.6	2.291	3.282	4.8	19.7
7 20	20 13.34	−18 2.5	2.258	3.272	1.4	19.4
7 30	20 4.86	−18 3.0	2.253	3.261	2.4	19.5
8 9	19 56.85	−18 2.7	2.276	3.251	5.9	19.7
8 19	19 50.03	−18 0.5	2.326	3.240	9.0	19.9
8 29	19 44.98	−17 55.9	2.399	3.230	11.8	20.1

148009 1997 NW 7 23.1 37°.97 0°.8/23.8 17

6 20	20 32.73	−11 8.5	1.722	2.589	14.4	18.7
6 30	20 27.99	−12 55.4	1.670	2.610	10.7	18.5
7 10	20 21.27	−14 58.4	1.641	2.631	6.4	18.3
7 20	20 13.29	−17 10.6	1.639	2.653	1.9	18.0
7 30	20 4.99	−19 23.0	1.666	2.675	2.9	18.1
8 9	19 57.41	−21 27.2	1.721	2.698	7.2	18.5
8 19	19 51.42	−23 17.0	1.802	2.721	11.0	18.7
8 29	19 47.68	−24 49.2	1.907	2.745	14.2	19.0

472645 2015 DL_{212} 7 23.1 339°.71 0°.7/22.7 18

6 20	20 34.11	−18 56.0	1.705	2.588	13.7	20.5
6 30	20 29.20	−19 44.5	1.636	2.587	10.1	20.3
7 10	20 22.10	−20 41.2	1.591	2.586	5.9	20.0
7 20	20 13.52	−21 41.4	1.570	2.585	1.5	19.7
7 30	20 4.47	−22 39.4	1.577	2.584	3.4	19.9
8 9	19 56.10	−23 30.2	1.609	2.584	7.8	20.1
8 19	19 49.42	−24 10.9	1.666	2.583	11.8	20.4
8 29	19 45.18	−24 40.3	1.744	2.583	15.2	20.6

440956 2007 BV_{23} 7 23.1 84°.48 0°.1/23.1 18

6 20	20 32.05	−17 27.5	2.216	3.087	11.5	21.2
6 30	20 27.23	−18 14.3	2.146	3.090	8.4	21.0
7 10	20 20.74	−19 8.3	2.101	3.094	4.9	20.8
7 20	20 13.16	−20 6.0	2.082	3.097	1.2	20.5
7 30	20 5.26	−21 3.1	2.092	3.100	2.6	20.6
8 9	19 57.87	−21 55.9	2.129	3.103	6.3	20.9
8 19	19 51.75	−22 41.5	2.193	3.107	9.6	21.1
8 29	19 47.48	−23 18.4	2.279	3.110	12.4	21.3

147690 2004 QW_{3} 7 23.1 348°.88 1°.5/22.1 18

6 20	20 31.29	−20 29.3	1.820	2.707	12.8	19.2
6 30	20 27.08	−21 31.7	1.750	2.703	9.3	19.0
7 10	20 20.84	−22 41.4	1.703	2.699	5.4	18.8
7 20	20 13.22	−23 53.2	1.681	2.695	1.8	18.5
7 30	20 5.13	−25 1.1	1.687	2.693	3.7	18.6
8 9	19 57.63	−26 0.0	1.719	2.690	7.7	18.9
8 19	19 51.65	−26 46.9	1.775	2.688	11.5	19.1
8 29	19 47.93	−27 20.6	1.853	2.687	14.6	19.3

298223 2002 UB_{33} 7 23.1 309°.67 4°.6/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 32.74	− 9 18.7	1.690	2.552	14.9	20.5
6 30	20 28.32	− 8 53.0	1.596	2.527	11.7	20.2
7 10	20 21.70	− 8 40.0	1.524	2.502	8.2	20.0
7 20	20 13.46	− 8 40.2	1.475	2.477	5.1	19.7
7 30	20 4.53	− 8 52.9	1.452	2.452	5.2	19.7
8 9	19 56.05	− 9 15.6	1.453	2.428	8.5	19.8
8 19	19 49.06	− 9 45.0	1.478	2.405	12.4	20.0
8 29	19 44.45	−10 17.3	1.524	2.381	16.1	20.2

285813 2000 YQ_{129} 7 23.1 201°.37 0°.9/23.6 17

6 20	20 38.19	−16 10.1	1.868	2.734	13.5	22.2
6 30	20 32.02	−16 28.0	1.790	2.730	10.0	22.0
7 10	20 23.70	−16 54.3	1.735	2.726	6.1	21.7
7 20	20 13.91	−17 26.1	1.707	2.721	1.8	21.5
7 30	20 3.65	−17 59.6	1.706	2.715	3.0	21.5
8 9	19 54.02	−18 31.4	1.732	2.708	7.3	21.8
8 19	19 46.00	−18 58.9	1.784	2.701	11.2	22.0
8 29	19 40.33	−19 20.6	1.858	2.693	14.6	22.2

379167 2009 QK_{53} 7 23.1 251°.10 0°.5/23.4 17

6 20	20 37.03	−17 33.6	1.811	2.683	13.6	22.2
6 30	20 31.34	−17 47.2	1.724	2.669	10.1	22.0
7 10	20 23.40	−18 8.1	1.661	2.653	6.0	21.7
7 20	20 13.86	−18 33.7	1.623	2.637	1.6	21.4
7 30	20 3.72	−19 0.2	1.612	2.621	3.1	21.4
8 9	19 54.15	−19 24.4	1.628	2.605	7.6	21.7
8 19	19 46.17	−19 43.9	1.669	2.587	11.7	21.9
8 29	19 40.61	−19 57.4	1.732	2.570	15.3	22.1

344495 2002 QF_{102} 7 23.1 323°.58 5°.7/21.2 18

6 20	20 38.02	−32 48.9	1.505	2.396	14.8	19.4
6 30	20 32.66	−33 12.7	1.428	2.377	11.3	19.2
7 10	20 24.40	−33 29.9	1.372	2.358	7.9	18.9
7 20	20 14.12	−33 33.9	1.340	2.340	5.8	18.7
7 30	20 3.20	−33 19.5	1.332	2.323	7.2	18.8
8 9	19 53.21	−32 45.2	1.349	2.306	10.8	18.9
8 19	19 45.50	−31 53.2	1.387	2.291	14.7	19.1
8 29	19 40.99	−30 48.0	1.445	2.275	18.2	19.3

79825 1998 WT_{1} 7 23.1 292°.26 7°.5/25.2 18

6 20	20 36.18	− 5 14.1	1.554	2.401	16.7	18.7
6 30	20 31.00	− 4 8.2	1.464	2.379	13.7	18.4
7 10	20 23.36	− 3 16.2	1.395	2.357	10.4	18.1
7 20	20 13.89	− 2 41.3	1.348	2.334	7.9	17.9
7 30	20 3.63	− 2 25.4	1.325	2.312	7.9	17.9
8 9	19 53.86	− 2 27.8	1.327	2.289	10.5	18.0
8 19	19 45.78	− 2 45.5	1.351	2.267	14.1	18.1
8 29	19 40.32	− 3 13.9	1.396	2.245	17.8	18.3

338739 2003 UX_{142} 7 23.1 242°.79 6°.4/19.3 18

6 20	20 40.34	−37 29.6	2.213	3.078	11.7	21.0
6 30	20 33.71	−38 25.9	2.137	3.065	9.3	20.8
7 10	20 24.75	−39 14.9	2.085	3.050	7.2	20.6
7 20	20 14.19	−39 50.5	2.059	3.036	6.4	20.6
7 30	20 3.10	−40 7.6	2.060	3.021	7.5	20.6
8 9	19 52.69	−40 4.3	2.086	3.006	9.8	20.7
8 19	19 44.03	−39 41.9	2.137	2.990	12.4	20.9
8 29	19 37.91	−39 3.6	2.208	2.974	14.8	21.0

483222 2015 RA_{38} 7 23.1 262°.72 3°.3/21.4 18

6 20	20 35.65	−29 31.7	2.343	3.219	10.8	21.3
6 30	20 29.86	−29 55.2	2.271	3.215	8.0	21.1
7 10	20 22.29	−30 15.9	2.223	3.211	5.2	20.9
7 20	20 13.56	−30 30.2	2.202	3.206	3.3	20.8
7 30	20 4.53	−30 34.9	2.208	3.202	4.5	20.8
8 9	19 56.12	−30 28.7	2.242	3.198	7.2	21.0
8 19	19 49.13	−30 11.9	2.301	3.193	10.1	21.2
8 29	19 44.17	−29 45.8	2.383	3.189	12.7	21.4

487803 2015 SS_{5} 7 23.1 302°.54 2°.9/21.7 17

6 20	20 35.33	−27 43.9	2.111	2.992	11.6	21.2
6 30	20 29.94	−28 3.6	2.022	2.969	8.6	21.0
7 10	20 22.51	−28 22.0	1.956	2.947	5.4	20.7
7 20	20 13.64	−28 35.3	1.916	2.924	3.0	20.5
7 30	20 4.27	−28 39.8	1.903	2.902	4.4	20.6
8 9	19 55.43	−28 33.5	1.917	2.880	7.8	20.8
8 19	19 48.06	−28 16.5	1.956	2.857	11.2	20.9
8 29	19 42.91	−27 49.8	2.016	2.836	14.2	21.1

217408 2005 KW 7 23.1 345°.23 5°.1/25.5 17

6 20	20 30.23	− 8 13.2	1.159	2.043	18.7	20.2
6 30	20 27.05	− 8 10.7	1.092	2.035	14.7	20.0
7 10	20 21.16	− 8 30.1	1.043	2.027	10.1	19.7
7 20	20 13.36	− 9 11.0	1.015	2.020	6.0	19.4
7 30	20 4.89	−10 9.6	1.010	2.015	5.8	19.4
8 9	19 57.25	−11 19.1	1.026	2.010	9.8	19.6
8 19	19 51.72	−12 31.8	1.064	2.007	14.5	19.9
8 29	19 49.23	−13 40.8	1.121	2.004	18.8	20.1

442591 2012 CR_{9} 7 23.2 249°.37 1°.3/24.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 32.46	−14 30.5	2.595	3.452	10.5	22.2
6 30	20 27.38	−14 41.2	2.504	3.438	7.8	22.0
7 10	20 20.80	−14 58.8	2.436	3.423	4.9	21.8
7 20	20 13.21	−15 21.8	2.396	3.408	1.9	21.6
7 30	20 5.24	−15 48.0	2.384	3.392	2.4	21.6
8 9	19 57.64	−16 15.1	2.401	3.376	5.6	21.8
8 19	19 51.06	−16 41.0	2.445	3.360	8.6	22.0
8 29	19 46.09	−17 4.1	2.512	3.344	11.4	22.1

289030 2004 TF_{127} 7 23.2 325°.06 6°.2/19.4 18

6 20	20 35.98	−36 11.2	2.103	2.979	11.8	19.7
6 30	20 30.48	−37 8.4	2.038	2.973	9.3	19.5
7 10	20 22.82	−37 59.0	1.997	2.968	7.1	19.4
7 20	20 13.71	−38 37.1	1.981	2.963	6.2	19.3
7 30	20 4.19	−38 57.8	1.991	2.958	7.3	19.4
8 9	19 55.39	−38 59.5	2.026	2.953	9.6	19.5
8 19	19 48.30	−38 42.9	2.085	2.949	12.2	19.7
8 29	19 43.64	−38 10.9	2.164	2.945	14.6	19.8

287263 2002 TA_{145} 7 23.2 341°.75 8°.0/26.6 17

6 20	20 32.17	− 1 23.5	1.656	2.489	16.5	20.2
6 30	20 27.73	− 0 33.4	1.583	2.483	13.7	20.0
7 10	20 21.24	− 0 2.2	1.529	2.478	10.8	19.8
7 20	20 13.34	+ 0 7.8	1.498	2.474	8.5	19.6
7 30	20 4.98	− 0 3.9	1.491	2.469	8.1	19.6
8 9	19 57.23	− 0 34.6	1.508	2.466	9.9	19.7
8 19	19 51.04	− 1 19.8	1.548	2.463	12.7	19.9
8 29	19 47.14	− 2 13.9	1.609	2.460	15.7	20.0

176146 2001 FZ_{124} 7 23.2 34°.65 5°.6/25.9 17

6 20	20 33.40	− 6 14.8	1.320	2.186	18.0	19.9
6 30	20 28.95	− 6 12.2	1.262	2.192	14.2	19.7
7 10	20 22.05	− 6 31.0	1.222	2.198	10.0	19.5
7 20	20 13.54	− 7 10.4	1.205	2.205	6.4	19.3
7 30	20 4.61	− 8 6.7	1.211	2.212	6.0	19.3
8 9	19 56.56	− 9 13.7	1.241	2.219	9.2	19.5
8 19	19 50.50	−10 24.5	1.294	2.227	13.2	19.8
8 29	19 47.20	−11 33.0	1.367	2.236	16.9	20.0

397635 2007 WE_{63} 7 23.2 103°.01 0°.3/23.3 18

6 20	20 35.82	−19 18.0	2.180	3.050	11.7	20.7
6 30	20 29.88	−19 12.4	2.115	3.057	8.6	20.5
7 10	20 22.24	−19 10.3	2.073	3.065	5.1	20.3
7 20	20 13.54	−19 9.9	2.058	3.073	1.3	20.1
7 30	20 4.64	−19 9.1	2.072	3.080	2.6	20.2
8 9	19 56.42	−19 6.4	2.113	3.088	6.2	20.5
8 19	19 49.60	−19 1.2	2.180	3.095	9.5	20.7
8 29	19 44.77	−18 53.0	2.270	3.103	12.4	20.9

472766 2015 FZ_{121} 7 23.2 148°.93 0°.1/23.1 17

6 20	20 36.06	−17 51.2	1.813	2.687	13.5	21.7
6 30	20 30.45	−18 24.9	1.746	2.692	9.9	21.5
7 10	20 22.76	−19 6.3	1.703	2.696	5.8	21.3
7 20	20 13.70	−19 51.3	1.686	2.700	1.4	21.0
7 30	20 4.27	−20 35.7	1.695	2.704	3.0	21.1
8 9	19 55.55	−21 15.2	1.732	2.708	7.3	21.4
8 19	19 48.46	−21 47.5	1.794	2.711	11.1	21.6
8 29	19 43.72	−22 11.4	1.877	2.714	14.4	21.8

440978 2007 CP_{30} 7 23.2 42°.15 1°.5/24.2 18

6 20	20 31.27	−12 59.0	2.077	2.942	12.4	20.5
6 30	20 26.71	−13 35.6	2.010	2.948	9.2	20.3
7 10	20 20.47	−14 22.9	1.966	2.954	5.7	20.1
7 20	20 13.14	−15 18.0	1.947	2.959	2.2	19.9
7 30	20 5.51	−16 17.0	1.957	2.966	2.7	19.9
8 9	19 58.42	−17 15.6	1.994	2.972	6.3	20.1
8 19	19 52.63	−18 10.3	2.056	2.978	9.7	20.4
8 29	19 48.74	−18 58.4	2.142	2.985	12.6	20.6

310588 2001 UZ_{117} 7 23.2 296°.84 4°.4/21.3 17

6 20	20 37.45	−26 13.7	1.243	2.145	16.5	20.3
6 30	20 32.67	−27 11.3	1.172	2.130	12.3	20.0
7 10	20 24.66	−28 12.6	1.121	2.116	7.7	19.7
7 20	20 14.27	−29 9.0	1.093	2.102	4.5	19.5
7 30	20 2.99	−29 52.1	1.089	2.089	6.7	19.6
8 9	19 52.62	−30 16.3	1.107	2.075	11.4	19.8
8 19	19 44.73	−30 20.4	1.147	2.062	16.2	20.0
8 29	19 40.40	−30 6.7	1.204	2.049	20.3	20.3

305762 2009 DU_{24} 7 23.2 348°.28 1°.1/22.5 18

6 20	20 33.54	−21 2.4	1.816	2.701	13.0	20.3
6 30	20 28.69	−21 36.8	1.747	2.699	9.5	20.1
7 10	20 21.78	−22 16.2	1.701	2.697	5.5	19.9
7 20	20 13.49	−22 56.7	1.681	2.695	1.6	19.6
7 30	20 4.79	−23 33.6	1.687	2.694	3.4	19.7
8 9	19 56.77	−24 3.5	1.719	2.693	7.5	20.0
8 19	19 50.34	−24 24.4	1.776	2.692	11.3	20.2
8 29	19 46.23	−24 35.7	1.854	2.691	14.5	20.4

202941 1999 CD_{14} 7 23.2 187°.13 1°.0/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.04	−20 43.5	1.686	2.563	14.2	20.8
6 30	20 33.59	−21 12.4	1.616	2.563	10.4	20.6
7 10	20 24.72	−21 46.6	1.569	2.563	6.1	20.3
7 20	20 14.22	−22 21.5	1.547	2.561	1.6	20.0
7 30	20 3.24	−22 52.4	1.552	2.559	3.6	20.1
8 9	19 53.06	−23 15.8	1.584	2.557	8.1	20.4
8 19	19 44.77	−23 30.1	1.641	2.554	12.3	20.6
8 29	19 39.17	−23 35.3	1.718	2.550	15.8	20.9

488402 2016 WB_{54} 7 23.2 213°.11 0°.5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.62	−17 13.2	2.707	3.568	10.0	21.7
6 30	20 27.40	−17 25.1	2.625	3.563	7.3	21.5
7 10	20 20.77	−17 41.8	2.568	3.558	4.4	21.3
7 20	20 13.22	−18 1.6	2.538	3.552	1.3	21.1
7 30	20 5.39	−18 22.2	2.537	3.546	2.2	21.1
8 9	19 57.97	−18 41.7	2.565	3.540	5.3	21.3
8 19	19 51.58	−18 58.4	2.620	3.533	8.2	21.5
8 29	19 46.75	−19 11.4	2.699	3.526	10.8	21.7

242284 2003 US_{133} 7 23.2 314°.39 8°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.29	− 3 8.8	1.558	2.403	16.8	19.5
6 30	20 28.17	− 2 13.4	1.466	2.377	13.9	19.2
7 10	20 21.73	− 1 34.9	1.395	2.352	10.9	19.0
7 20	20 13.54	− 1 16.4	1.344	2.326	8.5	18.8
7 30	20 4.60	− 1 19.6	1.318	2.302	8.3	18.7
8 9	19 56.09	− 1 42.9	1.315	2.278	10.5	18.8
8 19	19 49.14	− 2 22.4	1.334	2.254	14.0	18.9
8 29	19 44.70	− 3 12.5	1.373	2.231	17.5	19.0

272686 2005 XX_{61} 7 23.2 175°.48 0°.9/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.48	−16 40.0	1.802	2.674	13.7	21.5
6 30	20 30.77	−16 50.9	1.732	2.675	10.1	21.3
7 10	20 22.97	−17 9.6	1.685	2.676	6.1	21.0
7 20	20 13.78	−17 33.3	1.663	2.677	1.8	20.8
7 30	20 4.22	−17 58.6	1.668	2.677	3.0	20.9
8 9	19 55.36	−18 22.4	1.700	2.677	7.2	21.1
8 19	19 48.14	−18 42.4	1.757	2.677	11.1	21.4
8 29	19 43.28	−18 57.3	1.835	2.676	14.5	21.6

342837 2008 XA_{49} 7 23.2 236°.06 0°.1/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.20	−18 48.1	1.932	2.807	12.7	21.2
6 30	20 29.77	−19 3.0	1.858	2.803	9.4	21.0
7 10	20 22.37	−19 23.7	1.806	2.800	5.5	20.8
7 20	20 13.64	−19 47.1	1.781	2.796	1.4	20.5
7 30	20 4.52	−20 10.0	1.783	2.792	2.9	20.6
8 9	19 56.03	−20 29.5	1.812	2.788	7.0	20.8
8 19	19 49.06	−20 43.9	1.866	2.784	10.7	21.1
8 29	19 44.29	−20 52.3	1.943	2.780	14.0	21.3

494938 2009 CU_{15} 7 23.2 57°.05 3°.2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.18	−10 37.3	1.282	2.160	17.7	21.0
6 30	20 30.36	−10 57.5	1.225	2.167	13.5	20.8
7 10	20 22.95	−11 36.0	1.187	2.174	8.7	20.6
7 20	20 13.80	−12 29.8	1.172	2.181	4.2	20.3
7 30	20 4.21	−13 33.4	1.181	2.189	4.4	20.3
8 9	19 55.58	−14 39.9	1.214	2.196	8.8	20.6
8 19	19 49.06	−15 43.4	1.270	2.204	13.4	20.9
8 29	19 45.48	−16 39.4	1.347	2.212	17.3	21.2

193315 2000 SQ_{317} 7 23.2 21°.52 3°.7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.55	−14 0.5	1.473	2.347	16.1	19.3
6 30	20 32.51	−13 3.8	1.410	2.350	12.2	19.0
7 10	20 24.05	−12 15.2	1.367	2.353	8.0	18.8
7 20	20 14.05	−11 35.4	1.349	2.357	4.2	18.6
7 30	20 3.72	−11 4.5	1.356	2.361	4.7	18.6
8 9	19 54.35	−10 41.8	1.389	2.365	8.7	18.9
8 19	19 46.99	−10 26.1	1.445	2.370	12.7	19.1
8 29	19 42.38	−10 15.4	1.522	2.375	16.3	19.4

263202 2008 AN_{3} 7 23.2 97°.89 0°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.31	−16 28.8	2.253	3.117	11.6	20.9
6 30	20 28.71	−16 46.9	2.195	3.135	8.5	20.8
7 10	20 21.54	−17 11.3	2.162	3.152	5.1	20.6
7 20	20 13.41	−17 39.4	2.155	3.169	1.5	20.4
7 30	20 5.10	−18 8.4	2.176	3.185	2.5	20.5
8 9	19 57.42	−18 35.6	2.226	3.202	5.9	20.7
8 19	19 51.07	−18 59.2	2.302	3.218	9.1	21.0
8 29	19 46.56	−19 17.9	2.401	3.233	11.8	21.2

510986 2013 HF_{80} 7 23.2 131°.41 3°.8/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.51	−32 3.0	2.702	3.572	9.7	22.0
6 30	20 29.55	−32 43.7	2.643	3.581	7.3	21.8
7 10	20 22.03	−33 20.4	2.610	3.591	5.0	21.7
7 20	20 13.54	−33 49.4	2.604	3.600	3.8	21.6
7 30	20 4.83	−34 7.7	2.627	3.609	4.8	21.7
8 9	19 56.72	−34 13.8	2.677	3.617	7.0	21.8
8 19	19 49.89	−34 8.1	2.752	3.626	9.3	22.0
8 29	19 44.88	−33 52.0	2.850	3.634	11.4	22.2

442567 2012 BU_{11} 7 23.2 325°.75 2°.7/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 36.45	−27 38.5	1.983	2.864	12.2	19.8
6 30	20 30.72	−27 41.9	1.906	2.855	9.0	19.6
7 10	20 22.94	−27 42.8	1.854	2.845	5.6	19.4
7 20	20 13.80	−27 37.8	1.826	2.837	2.8	19.2
7 30	20 4.30	−27 24.1	1.826	2.828	4.2	19.2
8 9	19 55.53	−27 0.9	1.853	2.820	7.7	19.4
8 19	19 48.40	−26 28.7	1.905	2.812	11.1	19.6
8 29	19 43.59	−25 49.3	1.978	2.805	14.2	19.8

438325 2006 KA_{44} 7 23.2 123°.13 3°.7/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.80	−27 44.9	2.147	3.022	11.6	21.7
6 30	20 31.54	−28 56.9	2.093	3.038	8.6	21.5
7 10	20 23.34	−30 8.2	2.065	3.053	5.5	21.3
7 20	20 13.89	−31 12.8	2.064	3.068	3.7	21.3
7 30	20 4.13	−32 5.6	2.092	3.082	5.1	21.4
8 9	19 55.08	−32 43.7	2.146	3.095	7.9	21.6
8 19	19 47.61	−33 6.6	2.226	3.108	10.8	21.8
8 29	19 42.36	−33 15.3	2.328	3.121	13.3	22.0

34970 4218 $T\text{-}_{2}$ 7 23.2 12°.38 8°.2/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.91	−41 7.7	1.929	2.798	13.0	18.8
6 30	20 32.87	−42 10.1	1.876	2.799	10.7	18.7
7 10	20 24.32	−43 1.0	1.846	2.801	8.8	18.6
7 20	20 14.14	−43 33.4	1.839	2.802	8.2	18.5
7 30	20 3.61	−43 42.5	1.858	2.805	9.2	18.6
8 9	19 54.08	−43 27.4	1.900	2.807	11.2	18.7
8 19	19 46.64	−42 50.7	1.964	2.810	13.6	18.9
8 29	19 42.05	−41 56.8	2.047	2.813	15.8	19.1

343112 2009 DL_{126} 7 23.2 211°.52 3°.6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.40	− 6 11.9	2.738	3.561	11.0	22.2
6 30	20 27.97	− 6 15.0	2.647	3.553	8.6	22.1
7 10	20 21.15	− 6 29.1	2.580	3.544	6.2	21.9
7 20	20 13.38	− 6 53.9	2.540	3.534	4.1	21.7
7 30	20 5.27	− 7 27.7	2.528	3.523	3.9	21.7
8 9	19 57.51	− 8 8.2	2.545	3.512	5.9	21.8
8 19	19 50.70	− 8 52.6	2.590	3.500	8.4	22.0
8 29	19 45.40	− 9 38.0	2.659	3.487	10.9	22.1

437575 2014 AA_{28} 7 23.2 264°.96 4°.6/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.26	− 7 52.2	1.896	2.742	14.2	20.9
6 30	20 29.97	− 7 33.6	1.803	2.723	11.2	20.6
7 10	20 22.62	− 7 28.1	1.732	2.703	7.9	20.4
7 20	20 13.79	− 7 36.0	1.685	2.684	5.1	20.2
7 30	20 4.35	− 7 56.1	1.665	2.663	5.0	20.2
8 9	19 55.34	− 8 25.9	1.671	2.643	7.9	20.3
8 19	19 47.73	− 9 1.9	1.703	2.622	11.5	20.5
8 29	19 42.29	− 9 40.5	1.756	2.600	14.9	20.6

164252 2004 TQ_{216} 7 23.2 346°.71 8°.5/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.74	−33 39.3	0.961	1.878	18.8	19.4
6 30	20 32.10	−34 37.4	0.907	1.869	14.6	19.2
7 10	20 24.58	−35 27.8	0.871	1.860	10.6	18.9
7 20	20 14.33	−35 59.0	0.855	1.853	8.5	18.8
7 30	20 3.33	−36 1.9	0.858	1.848	10.3	18.9
8 9	19 53.82	−35 34.1	0.881	1.843	14.4	19.1
8 19	19 47.55	−34 39.5	0.923	1.841	18.8	19.3
8 29	19 45.50	−33 25.1	0.980	1.839	22.8	19.6

393716 2004 TK_{337} 7 23.2 22°.36 9°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 29.42	+ 5 10.8	1.717	2.519	17.2	20.5
6 30	20 25.58	+ 5 40.8	1.659	2.529	14.7	20.3
7 10	20 19.92	+ 5 45.6	1.619	2.540	12.2	20.2
7 20	20 13.09	+ 5 23.6	1.600	2.551	10.2	20.1
7 30	20 5.98	+ 4 35.9	1.605	2.564	9.4	20.1
8 9	19 59.53	+ 3 26.7	1.632	2.577	10.3	20.2
8 19	19 54.54	+ 2 2.6	1.683	2.591	12.3	20.3
8 29	19 51.63	+ 0 30.9	1.755	2.605	14.7	20.5

366693 2003 UO_{366} 7 23.2 288°.89 1°.9/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.00	−14 58.5	1.420	2.302	16.1	21.2
6 30	20 31.15	−14 59.4	1.336	2.283	12.2	21.0
7 10	20 23.61	−15 11.9	1.272	2.264	7.6	20.6
7 20	20 14.08	−15 33.7	1.232	2.244	2.9	20.3
7 30	20 3.74	−16 1.4	1.216	2.225	3.9	20.3
8 9	19 54.02	−16 30.9	1.225	2.206	8.9	20.6
8 19	19 46.22	−16 58.4	1.257	2.187	13.8	20.8
8 29	19 41.35	−17 21.5	1.309	2.169	18.1	21.0

328955 2010 VW_{123} 7 23.2 76°.09 1°.6/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.05	−15 51.2	1.432	2.310	16.2	20.6
6 30	20 32.81	−15 49.2	1.384	2.329	11.9	20.4
7 10	20 24.18	−15 56.6	1.357	2.348	7.2	20.1
7 20	20 14.12	−16 10.7	1.354	2.368	2.5	19.9
7 30	20 3.88	−16 28.0	1.377	2.387	3.5	20.0
8 9	19 54.76	−16 45.2	1.426	2.405	8.1	20.3
8 19	19 47.75	−17 0.1	1.498	2.424	12.3	20.6
8 29	19 43.53	−17 11.0	1.591	2.443	15.8	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
392168 2009 JV_9			7 23.2 351°.81		4°.1/25.9 18	
	h m	° ′			°	m
6 20	20 31.18	− 6 18.4	1.966	2.811	13.8	20.9
6 30	20 26.78	− 6 37.0	1.891	2.810	10.8	20.7
7 10	20 20.62	− 7 11.8	1.838	2.809	7.6	20.5
7 20	20 13.28	− 8 1.4	1.809	2.808	4.7	20.3
7 30	20 5.56	− 9 2.7	1.807	2.808	4.4	20.3
8 9	19 58.36	−10 11.2	1.832	2.807	7.0	20.5
8 19	19 52.47	−11 21.9	1.882	2.807	10.3	20.7
8 29	19 48.55	−12 30.3	1.956	2.807	13.3	20.9
497193 2004 TP_{159}			7 23.2 299°.76		3°.5/24.4 17	
6 20	20 35.58	−12 40.2	1.260	2.144	17.6	21.6
6 30	20 31.03	−12 24.6	1.182	2.128	13.5	21.3
7 10	20 23.62	−12 22.9	1.124	2.112	8.8	21.0
7 20	20 14.10	−12 34.4	1.087	2.097	4.3	20.7
7 30	20 3.76	−12 56.6	1.075	2.082	4.8	20.7
8 9	19 54.15	−13 25.3	1.085	2.067	9.6	20.9
8 19	19 46.65	−13 56.3	1.117	2.053	14.7	21.1
8 29	19 42.31	−14 25.6	1.169	2.039	19.1	21.4
380851 2006 BQ_{75}			7 23.2 156°.24		0°.9/22.7 17	
6 20	20 36.65	−20 37.9	2.104	2.976	12.0	22.1
6 30	20 30.68	−21 12.7	2.037	2.982	8.7	21.9
7 10	20 22.85	−21 51.9	1.994	2.988	5.1	21.7
7 20	20 13.82	−22 31.5	1.979	2.993	1.4	21.5
7 30	20 4.46	−23 7.8	1.991	2.998	3.0	21.6
8 9	19 55.75	−23 37.6	2.031	3.002	6.8	21.8
8 19	19 48.51	−23 59.4	2.098	3.006	10.2	22.1
8 29	19 43.37	−24 12.7	2.187	3.010	13.1	22.3
238696 2005 EE_{287}			7 23.2 92°.78		3°.2/25.2 17	
6 20	20 33.24	− 9 1.2	1.916	2.769	13.8	20.5
6 30	20 28.25	− 9 21.6	1.850	2.777	10.6	20.3
7 10	20 21.45	− 9 56.1	1.807	2.786	7.0	20.1
7 20	20 13.48	−10 42.6	1.789	2.794	3.8	20.0
7 30	20 5.20	−11 37.5	1.798	2.803	3.8	20.0
8 9	19 57.55	−12 36.5	1.835	2.811	6.9	20.2
8 19	19 51.32	−13 35.2	1.896	2.820	10.3	20.4
8 29	19 47.15	−14 30.1	1.981	2.828	13.3	20.6
2862 Vavilov			7 23.2 150°.56		2°.4/24.2 18	R
6 20	20 39.17	−13 13.8	1.541	2.409	15.8	16.4
6 30	20 32.98	−13 17.2	1.477	2.416	11.9	16.2
7 10	20 24.39	−13 32.5	1.435	2.422	7.5	15.9
7 20	20 14.23	−13 57.5	1.417	2.427	3.2	15.7
7 30	20 3.66	−14 28.5	1.425	2.432	3.8	15.8
8 9	19 53.97	−15 1.5	1.459	2.437	8.1	16.0
8 19	19 46.22	−15 33.1	1.517	2.441	12.3	16.3
8 29	19 41.18	−16 0.9	1.597	2.445	16.0	16.5
444380 2005 YJ_{99}			7 23.2 169°.10		0°.9/22.6 18	
6 20	20 33.10	−21 39.0	2.554	3.426	10.1	21.9
6 30	20 27.85	−22 4.1	2.482	3.427	7.4	21.7
7 10	20 21.10	−22 31.8	2.435	3.428	4.3	21.5
7 20	20 13.39	−22 59.4	2.415	3.430	1.3	21.3
7 30	20 5.42	−23 24.1	2.424	3.431	2.6	21.4
8 9	19 57.93	−23 43.7	2.461	3.432	5.8	21.6
8 19	19 51.60	−23 57.1	2.525	3.432	8.7	21.8
8 29	19 46.96	−24 3.8	2.612	3.433	11.3	22.0
57540 2001 TE_{18}			7 23.2 315°.34		1°.5/22.4 18	
6 20	20 33.96	−22 34.6	1.894	2.778	12.6	18.4
6 30	20 29.01	−23 2.7	1.820	2.771	9.2	18.1
7 10	20 22.02	−23 34.3	1.768	2.763	5.4	17.9
7 20	20 13.65	−24 5.4	1.742	2.756	1.8	17.6
7 30	20 4.84	−24 31.9	1.743	2.749	3.6	17.7
8 9	19 56.66	−24 51.0	1.770	2.742	7.5	18.0
8 19	19 50.02	−25 1.0	1.822	2.735	11.2	18.2
8 29	19 45.65	−25 2.1	1.895	2.729	14.4	18.4
450125 2015 RV_{198}			7 23.2 343°.14		4°.9/26.1 18	
6 20	20 28.44	− 5 50.2	1.665	2.523	15.3	20.1
6 30	20 25.11	− 6 0.0	1.586	2.511	12.1	19.8
7 10	20 19.81	− 6 29.0	1.527	2.500	8.7	19.6
7 20	20 13.12	− 7 16.5	1.491	2.489	5.6	19.4
7 30	20 5.94	− 8 19.4	1.480	2.480	5.2	19.4
8 9	19 59.28	− 9 32.7	1.494	2.472	8.0	19.5
8 19	19 54.07	−10 50.3	1.532	2.464	11.6	19.7
8 29	19 51.08	−12 6.3	1.591	2.458	15.1	19.9
11227 Ksenborisova			7 23.2 164°.30		0°.2/23.3 18	
6 20	20 39.04	−18 59.1	1.440	2.324	15.7	17.4
6 30	20 33.11	−19 4.4	1.375	2.325	11.6	17.1
7 10	20 24.57	−19 16.3	1.332	2.326	6.9	16.9
7 20	20 14.29	−19 31.4	1.312	2.327	1.7	16.5
7 30	20 3.54	−19 45.7	1.318	2.328	3.5	16.7
8 9	19 53.76	−19 56.3	1.350	2.328	8.6	17.0
8 19	19 46.09	−20 1.4	1.404	2.329	13.1	17.2
8 29	19 41.35	−20 0.7	1.479	2.329	16.9	17.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
96819 1999 RS_{175}			7 23.2 287°.23		1°.7/22.5 18	
	h m	° ′			°	m
6 20	20 36.92	−23 25.2	1.746	2.629	13.5	19.8
6 30	20 31.44	−23 40.4	1.662	2.612	9.9	19.5
7 10	20 23.59	−23 57.8	1.600	2.595	5.9	19.3
7 20	20 14.06	−24 13.6	1.564	2.577	2.0	19.0
7 30	20 3.94	−24 23.9	1.554	2.560	3.9	19.1
8 9	19 54.45	−24 25.9	1.570	2.542	8.2	19.3
8 19	19 46.69	−24 19.0	1.610	2.525	12.3	19.5
8 29	19 41.52	−24 3.6	1.671	2.508	15.9	19.7
105239 2000 PD_{21}			7 23.2 314°.66		1°.0/23.7 18	
6 20	20 32.70	−16 3.5	1.875	2.751	13.1	19.6
6 30	20 28.07	−16 15.4	1.796	2.740	9.7	19.4
7 10	20 21.47	−16 35.7	1.739	2.730	5.9	19.1
7 20	20 13.52	−17 1.9	1.707	2.721	1.9	18.9
7 30	20 5.12	−17 31.1	1.702	2.711	2.9	18.9
8 9	19 57.27	−17 59.8	1.723	2.702	7.0	19.2
8 19	19 50.88	−18 25.4	1.769	2.693	10.9	19.4
8 29	19 46.65	−18 46.0	1.837	2.684	14.2	19.6
441404 2008 FJ_{129}			7 23.2 67°.06		1°.5/22.2 18	
6 20	20 33.07	−21 57.9	2.148	3.027	11.5	21.2
6 30	20 28.07	−22 44.4	2.086	3.034	8.3	21.0
7 10	20 21.33	−23 34.7	2.047	3.042	4.9	20.8
7 20	20 13.47	−24 24.4	2.035	3.049	1.7	20.6
7 30	20 5.30	−25 9.5	2.051	3.056	3.3	20.7
8 9	19 57.74	−25 46.7	2.095	3.064	6.7	20.9
8 19	19 51.55	−26 14.3	2.163	3.071	10.0	21.2
8 29	19 47.33	−26 31.9	2.255	3.079	12.7	21.4
150239 1999 AN_{11}			7 23.2 333°.77		0°.8/23.4 17	
6 20	20 35.85	−18 50.5	1.325	2.218	16.3	19.5
6 30	20 31.03	−18 34.5	1.255	2.209	12.1	19.2
7 10	20 23.48	−18 24.5	1.204	2.200	7.3	18.9
7 20	20 14.05	−18 18.4	1.177	2.192	2.1	18.6
7 30	20 4.04	−18 13.4	1.174	2.184	3.7	18.7
8 9	19 54.93	−18 7.3	1.195	2.177	9.0	19.0
8 19	19 47.97	−17 58.8	1.238	2.171	13.8	19.2
8 29	19 44.03	−17 47.2	1.301	2.165	17.9	19.5
311228 2005 BG_1			7 23.2 58°.14		11°.3/16.1 16	
6 20	20 43.58	−36 54.3	1.195	2.089	17.6	19.5
6 30	20 37.45	−40 9.9	1.177	2.116	14.2	19.4
7 10	20 27.54	−43 9.9	1.181	2.144	11.8	19.3
7 20	20 15.07	−45 37.3	1.209	2.172	11.5	19.4
7 30	20 2.00	−47 20.8	1.260	2.200	13.2	19.6
8 9	19 50.54	−48 18.4	1.333	2.228	15.9	19.8
8 19	19 42.35	−48 35.9	1.424	2.256	18.5	20.1
8 29	19 38.35	−48 22.2	1.530	2.284	20.7	20.3
398093 2009 QE_5			7 23.2 330°.90		3°.9/25.5 18	
6 20	20 28.22	− 8 0.3	1.638	2.504	15.1	19.6
6 30	20 25.15	− 8 21.1	1.543	2.477	11.8	19.3
7 10	20 19.96	− 9 0.9	1.470	2.450	8.1	19.1
7 20	20 13.21	− 9 58.9	1.419	2.424	4.7	18.8
7 30	20 5.76	−11 11.5	1.394	2.399	4.5	18.7
8 9	19 58.71	−12 33.3	1.393	2.375	8.0	18.9
8 19	19 53.10	−13 57.7	1.417	2.352	12.2	19.0
8 29	19 49.80	−15 18.5	1.461	2.330	16.1	19.2
169884 2002 RZ_{151}			7 23.2 235°.53		4°.2/25.5 18	
6 20	20 33.68	− 7 2.5	2.217	3.054	12.7	20.6
6 30	20 28.48	− 6 49.8	2.131	3.045	10.0	20.4
7 10	20 21.59	− 6 49.3	2.068	3.035	7.1	20.2
7 20	20 13.56	− 7 0.9	2.030	3.026	4.7	20.0
7 30	20 5.12	− 7 23.3	2.020	3.016	4.6	20.0
8 9	19 57.13	− 7 54.1	2.037	3.006	6.9	20.1
8 19	19 50.33	− 8 30.2	2.079	2.995	9.9	20.3
8 29	19 45.37	− 9 8.4	2.145	2.984	12.8	20.5
211066 2002 CC_{174}			7 23.2 61°.37		2°.8/22.1 17	
6 20	20 38.64	−23 38.6	1.250	2.148	16.7	19.8
6 30	20 33.05	−24 24.3	1.203	2.160	12.2	19.6
7 10	20 24.60	−25 13.4	1.176	2.172	7.2	19.4
7 20	20 14.30	−25 59.0	1.172	2.185	3.0	19.1
7 30	20 3.67	−26 34.3	1.193	2.197	5.2	19.3
8 9	19 54.29	−26 55.4	1.237	2.210	9.9	19.6
8 19	19 47.37	−27 1.8	1.304	2.223	14.3	19.9
8 29	19 43.69	−26 55.1	1.389	2.236	18.0	20.2
434156 2002 SX_{14}			7 23.2 354°.12		19°.8/31.7 16	
6 20	20 26.23	+15 27.8	1.208	1.987	24.3	19.3
6 30	20 24.10	+17 57.2	1.152	1.976	22.8	19.2
7 10	20 19.50	+19 51.9	1.109	1.966	21.3	19.0
7 20	20 13.10	+21 1.9	1.081	1.959	20.3	18.9
7 30	20 6.05	+21 20.7	1.068	1.954	19.8	18.9
8 9	19 59.70	+20 48.5	1.071	1.951	20.0	18.9
8 19	19 55.25	+19 31.1	1.088	1.951	20.9	19.0
8 29	19 53.66	+17 39.3	1.121	1.953	22.3	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
371923 2008 EY_{10}			7 23.2 215°.98		0°.9/22.7 17	
	h m	° ′			°	m
6 20	20 38.12	−20 7.4	1.862	2.736	13.2	22.0
6 30	20 32.14	−20 47.1	1.783	2.729	9.7	21.8
7 10	20 23.93	−21 33.2	1.728	2.721	5.7	21.5
7 20	20 14.16	−22 21.1	1.698	2.713	1.5	21.2
7 30	20 3.84	−23 6.1	1.696	2.703	3.4	21.3
8 9	19 54.12	−23 43.9	1.722	2.693	7.7	21.6
8 19	19 46.02	−24 12.4	1.772	2.683	11.6	21.8
8 29	19 40.35	−24 30.7	1.845	2.672	15.0	22.0
14073 1996 KO_1			7 23.2 98°.70		2°.3/24.4 18	
6 20	20 36.71	−12 11.9	1.657	2.523	15.0	18.4
6 30	20 30.95	−12 31.7	1.602	2.539	11.3	18.2
7 10	20 23.09	−13 4.2	1.568	2.554	7.1	18.0
7 20	20 13.92	−13 46.4	1.560	2.570	3.1	17.8
7 30	20 4.47	−14 34.1	1.577	2.585	3.5	17.9
8 9	19 55.87	−15 22.8	1.622	2.600	7.4	18.2
8 19	19 49.04	−16 8.6	1.691	2.615	11.3	18.4
8 29	19 44.62	−16 48.7	1.782	2.629	14.6	18.7
289595 2005 GK_5			7 23.2 88°.68		2°.5/22.0 17	
6 20	20 38.28	−23 5.3	1.448	2.339	15.3	20.7
6 30	20 32.55	−23 57.9	1.395	2.349	11.2	20.5
7 10	20 24.23	−24 54.7	1.364	2.359	6.6	20.2
7 20	20 14.22	−25 48.9	1.357	2.369	2.7	20.0
7 30	20 3.83	−26 34.2	1.375	2.379	4.8	20.2
8 9	19 54.47	−27 6.3	1.419	2.389	9.2	20.5
8 19	19 47.28	−27 23.9	1.486	2.399	13.3	20.7
8 29	19 43.02	−27 28.2	1.573	2.409	16.7	21.0
308359 2005 QM_{138}			7 23.2 190°.75		5°.8/19.3 18	
6 20	20 39.60	−40 7.9	2.836	3.688	9.8	21.2
6 30	20 32.69	−40 50.5	2.771	3.686	7.9	21.1
7 10	20 23.99	−41 24.6	2.731	3.684	6.4	21.0
7 20	20 14.14	−41 45.9	2.717	3.682	5.8	21.0
7 30	20 4.01	−41 51.3	2.731	3.679	6.5	21.0
8 9	19 54.54	−41 39.9	2.771	3.676	8.2	21.1
8 19	19 46.52	−41 13.1	2.836	3.672	10.1	21.2
8 29	19 40.54	−40 33.4	2.923	3.668	12.0	21.4
357786 2005 SR_{283}			7 23.2 167°.39		4°.6/26.9 18	
6 20	20 31.04	− 1 45.6	2.748	3.554	11.4	21.4
6 30	20 26.22	− 1 54.6	2.669	3.558	9.2	21.3
7 10	20 20.12	− 2 17.5	2.613	3.561	6.9	21.2
7 20	20 13.19	− 2 53.7	2.583	3.563	5.1	21.0
7 30	20 6.00	− 3 41.6	2.581	3.565	4.7	21.0
8 9	19 59.20	− 4 38.3	2.607	3.567	6.1	21.1
8 19	19 53.34	− 5 40.3	2.660	3.569	8.3	21.3
8 29	19 48.91	− 6 44.1	2.737	3.570	10.5	21.4
204575 2005 FS_7			7 23.2 85°.49		0°.5/23.5 17	
6 20	20 34.22	−15 39.2	1.913	2.783	13.0	20.3
6 30	20 28.99	−16 23.2	1.854	2.797	9.6	20.1
7 10	20 21.91	−17 16.4	1.819	2.811	5.7	19.9
7 20	20 13.63	−18 14.8	1.810	2.825	1.6	19.6
7 30	20 5.08	−19 13.7	1.829	2.838	2.8	19.8
8 9	19 57.22	−20 8.8	1.875	2.852	6.7	20.0
8 19	19 50.86	−20 56.8	1.946	2.865	10.3	20.3
8 29	19 46.63	−21 36.1	2.040	2.878	13.4	20.5
294402 Joeorr			7 23.2 354°.96		3°.0/24.0 17	
6 20	20 30.67	−15 40.2	0.887	1.803	20.0	19.4
6 30	20 27.97	−15 8.9	0.832	1.796	15.1	19.1
7 10	20 22.01	−14 50.4	0.793	1.790	9.5	18.8
7 20	20 13.75	−14 44.0	0.773	1.786	4.0	18.5
7 30	20 4.83	−14 47.1	0.774	1.784	4.9	18.5
8 9	19 57.11	−14 55.7	0.795	1.784	10.7	18.8
8 19	19 52.08	−15 6.1	0.834	1.785	16.3	19.1
8 29	19 50.70	−15 14.7	0.890	1.789	21.0	19.4
509479 2007 TJ_{66}			7 23.2 296°.11		1°.7/23.8 18	
6 20	20 37.04	−16 51.4	1.767	2.640	13.9	20.6
6 30	20 31.38	−16 23.0	1.682	2.625	10.4	20.4
7 10	20 23.50	−15 59.7	1.620	2.610	6.4	20.1
7 20	20 14.07	−15 40.5	1.582	2.595	2.4	19.8
7 30	20 4.12	−15 24.4	1.572	2.580	3.4	19.9
8 9	19 54.80	−15 10.0	1.588	2.566	7.6	20.1
8 19	19 47.12	−14 56.5	1.629	2.551	11.7	20.3
8 29	19 41.87	−14 43.2	1.691	2.537	15.3	20.5
24406 2000 AR_{199}			7 23.2 299°.48		8°.1/28.0 18	
6 20	20 31.33	+ 2 0.5	1.732	2.547	16.6	18.3
6 30	20 27.28	+ 2 8.6	1.641	2.528	14.0	18.1
7 10	20 21.15	+ 1 52.8	1.570	2.509	11.2	17.9
7 20	20 13.52	+ 1 11.1	1.520	2.491	8.9	17.7
7 30	20 5.24	+ 0 4.2	1.495	2.472	8.2	17.6
8 9	19 57.38	− 1 23.2	1.494	2.454	9.8	17.7
8 19	19 50.92	− 3 4.5	1.517	2.436	12.7	17.8
8 29	19 46.70	− 4 51.7	1.562	2.418	15.9	17.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
176710 Banff			7 23.2 197°.75		2°.2/22.3 17	
	h m	° ′			°	m
6 20	20 39.56	−24 11.1	1.683	2.565	14.0	20.5
6 30	20 33.32	−24 37.9	1.614	2.564	10.3	20.2
7 10	20 24.65	−25 6.5	1.568	2.562	6.1	20.0
7 20	20 14.35	−25 32.1	1.547	2.560	2.4	19.8
7 30	20 3.59	−25 50.1	1.553	2.557	4.2	19.9
8 9	19 53.68	−25 57.8	1.585	2.554	8.4	20.1
8 19	19 45.69	−25 54.8	1.641	2.551	12.4	20.3
8 29	19 40.41	−25 42.0	1.718	2.547	15.8	20.6
77553 2001 JB_7			7 23.2 33°.83		3°.5/25.1 18	
6 20	20 32.53	− 9 42.5	1.591	2.458	15.4	18.9
6 30	20 28.03	− 9 51.4	1.531	2.466	11.8	18.7
7 10	20 21.46	−10 15.8	1.493	2.475	7.8	18.5
7 20	20 13.55	−10 53.6	1.478	2.484	4.3	18.3
7 30	20 5.32	−11 41.3	1.488	2.493	4.2	18.3
8 9	19 57.85	−12 34.0	1.524	2.503	7.7	18.6
8 19	19 52.05	−13 27.0	1.584	2.514	11.5	18.8
8 29	19 48.61	−14 16.2	1.665	2.525	14.9	19.0
439405 2013 BQ_{66}			7 23.2 51°.07		0°.8/23.7 18	
6 20	20 33.34	−16 18.6	2.003	2.875	12.5	21.3
6 30	20 28.35	−16 36.4	1.935	2.877	9.2	21.1
7 10	20 21.55	−17 1.8	1.889	2.880	5.5	20.9
7 20	20 13.58	−17 32.2	1.870	2.883	1.7	20.7
7 30	20 5.29	−18 4.3	1.877	2.886	2.7	20.8
8 9	19 57.61	−18 34.9	1.912	2.890	6.5	21.0
8 19	19 51.34	−19 1.7	1.972	2.893	10.1	21.2
8 29	19 47.10	−19 23.2	2.055	2.896	13.1	21.4
304439 2006 TZ_{106}			7 23.2 313°.20		1°.5/22.5 18	
6 20	20 33.87	−22 16.5	1.819	2.704	12.9	21.0
6 30	20 29.08	−22 44.3	1.741	2.692	9.5	20.8
7 10	20 22.16	−23 16.1	1.685	2.681	5.6	20.5
7 20	20 13.76	−23 47.9	1.655	2.669	1.8	20.2
7 30	20 4.86	−24 15.6	1.651	2.658	3.6	20.4
8 9	19 56.57	−24 35.7	1.674	2.647	7.7	20.6
8 19	19 49.86	−24 46.8	1.720	2.636	11.6	20.8
8 29	19 45.51	−24 48.6	1.788	2.626	15.0	21.0
310874 2003 HV_{58}			7 23.2 33°.53		0°.5/22.9 18	
6 20	20 33.47	−20 9.5	1.870	2.752	12.8	20.7
6 30	20 28.52	−20 30.0	1.810	2.759	9.3	20.5
7 10	20 21.67	−20 55.2	1.772	2.767	5.4	20.3
7 20	20 13.61	−21 21.7	1.760	2.775	1.3	20.0
7 30	20 5.28	−21 46.2	1.776	2.784	3.0	20.2
8 9	19 57.67	−22 5.7	1.817	2.793	7.0	20.4
8 19	19 51.62	−22 18.7	1.883	2.802	10.6	20.7
8 29	19 47.75	−22 24.6	1.971	2.812	13.7	20.9
391506 2007 RW_9			7 23.2 286°.19		17°.9/ 4.6 17	
6 20	20 33.18	+18 20.9	1.156	1.911	26.4	21.0
6 30	20 29.48	+18 59.8	1.086	1.903	24.3	20.8
7 10	20 22.84	+18 51.6	1.028	1.895	21.9	20.6
7 20	20 14.01	+17 46.8	0.984	1.887	19.6	20.4
7 30	20 4.29	+15 41.5	0.956	1.879	18.1	20.3
8 9	19 55.29	+12 41.0	0.948	1.872	18.0	20.3
8 19	19 48.46	+ 8 59.8	0.959	1.864	19.5	20.3
8 29	19 44.93	+ 4 58.4	0.990	1.857	22.1	20.5
89814 2002 AX_{181}			7 23.2 350°.99		9°.7/18.6 18	
6 20	20 35.97	−37 14.1	1.234	2.135	16.7	17.8
6 30	20 31.82	−38 42.6	1.181	2.128	13.4	17.6
7 10	20 24.27	−40 1.4	1.148	2.123	10.7	17.4
7 20	20 14.35	−40 59.3	1.136	2.118	9.7	17.3
7 30	20 3.73	−41 27.3	1.147	2.114	11.3	17.4
8 9	19 54.38	−41 22.8	1.178	2.112	14.3	17.6
8 19	19 47.82	−40 48.6	1.228	2.111	17.7	17.8
8 29	19 45.02	−39 51.1	1.295	2.111	20.7	18.0
440726 2006 AN_{49}			7 23.2 288°.82		0°.1/23.2 17	
6 20	20 35.57	−20 32.7	2.217	3.088	11.5	21.0
6 30	20 29.96	−20 23.8	2.128	3.072	8.5	20.8
7 10	20 22.53	−20 17.1	2.062	3.055	5.0	20.5
7 20	20 13.86	−20 11.0	2.024	3.038	1.2	20.2
7 30	20 4.78	−20 3.4	2.013	3.022	2.7	20.3
8 9	19 56.20	−19 53.0	2.030	3.005	6.4	20.5
8 19	19 48.95	−19 39.4	2.073	2.989	10.0	20.7
8 29	19 43.69	−19 22.5	2.140	2.972	13.0	20.9
265015 2003 GN_8			7 23.2 83°.12		2°.4/22.1 15	
6 20	20 38.92	−24 27.5	1.634	2.518	14.2	21.3
6 30	20 32.69	−25 2.3	1.585	2.535	10.3	21.1
7 10	20 24.17	−25 38.4	1.558	2.552	6.1	20.9
7 20	20 14.24	−26 10.4	1.557	2.569	2.6	20.7
7 30	20 4.10	−26 33.8	1.582	2.586	4.4	20.8
8 9	19 54.98	−26 46.0	1.634	2.602	8.3	21.1
8 19	19 47.86	−26 46.8	1.709	2.619	12.0	21.4
8 29	19 43.39	−26 37.5	1.805	2.635	15.2	21.6

268854 2006 XZ_{47} 7 23.2 271°.93 2°.9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 36.76	−12 30.1	1.677	2.543	14.8	21.5
6 30	20 31.43	−12 24.2	1.584	2.521	11.4	21.2
7 10	20 23.71	−12 29.8	1.513	2.498	7.4	20.9
7 20	20 14.22	−12 45.9	1.466	2.475	3.6	20.6
7 30	20 3.96	−13 10.1	1.445	2.452	4.0	20.6
8 9	19 54.18	−13 39.1	1.450	2.428	8.2	20.8
8 19	19 46.00	−14 9.5	1.480	2.404	12.5	21.0
8 29	19 40.35	−14 38.3	1.530	2.380	16.5	21.2

37414 2001 XN_{191} 7 23.2 103°.60 0°.5/23.5 18

6 20	20 33.17	−17 6.6	2.198	3.068	11.6	19.9
6 30	20 28.10	−17 27.9	2.129	3.071	8.6	19.7
7 10	20 21.37	−17 55.6	2.084	3.075	5.1	19.5
7 20	20 13.56	−18 27.1	2.065	3.079	1.4	19.2
7 30	20 5.47	−18 59.3	2.074	3.083	2.5	19.3
8 9	19 57.93	−19 29.3	2.110	3.086	6.1	19.5
8 19	19 51.69	−19 55.1	2.173	3.090	9.5	19.8
8 29	19 47.32	−20 15.2	2.258	3.094	12.3	20.0

320731 2008 EK_{15} 7 23.2 95°.36 4°.0/21.6 17

6 20	20 39.91	−27 53.6	1.525	2.413	14.8	20.3
6 30	20 33.76	−28 31.6	1.468	2.419	10.9	20.0
7 10	20 24.98	−29 8.1	1.432	2.424	6.9	19.8
7 20	20 14.48	−29 36.6	1.421	2.429	4.0	19.7
7 30	20 3.61	−29 52.1	1.436	2.434	5.7	19.8
8 9	19 53.80	−29 52.2	1.476	2.439	9.5	20.0
8 19	19 46.19	−29 37.6	1.539	2.444	13.4	20.3
8 29	19 41.56	−29 10.9	1.622	2.449	16.7	20.5

508068 2015 CT_{31} 7 23.2 299°.13 1°.0/23.6 18

6 20	20 34.83	−15 55.7	1.344	2.233	16.4	21.4
6 30	20 30.54	−16 15.8	1.259	2.210	12.3	21.1
7 10	20 23.44	−16 49.0	1.193	2.188	7.5	20.7
7 20	20 14.19	−17 32.1	1.151	2.165	2.3	20.3
7 30	20 4.02	−18 20.1	1.133	2.143	3.8	20.4
8 9	19 54.41	−19 7.0	1.139	2.121	9.3	20.6
8 19	19 46.77	−19 48.4	1.167	2.099	14.5	20.9
8 29	19 42.21	−20 21.1	1.214	2.078	19.0	21.1

395237 2010 MH_{104} 7 23.2 330°.71 1°.1/23.9 18

6 20	20 31.27	−15 9.8	1.800	2.678	13.4	20.7
6 30	20 27.14	−15 31.8	1.721	2.667	10.0	20.5
7 10	20 21.02	−16 4.1	1.664	2.656	6.1	20.2
7 20	20 13.52	−16 44.0	1.632	2.646	2.1	19.9
7 30	20 5.54	−17 27.7	1.627	2.636	3.0	20.0
8 9	19 58.10	−18 11.0	1.647	2.627	7.1	20.2
8 19	19 52.12	−18 50.6	1.692	2.618	11.1	20.4
8 29	19 48.34	−19 23.8	1.758	2.610	14.5	20.6

65527 6099 $P–L$ 7 23.2 314°.88 3°.6/21.8 18

6 20	20 36.88	−27 3.6	1.435	2.331	15.1	18.7
6 30	20 31.92	−27 30.9	1.360	2.315	11.2	18.4
7 10	20 24.13	−27 58.1	1.305	2.299	7.0	18.1
7 20	20 14.33	−28 19.2	1.274	2.284	3.8	17.9
7 30	20 3.84	−28 28.7	1.268	2.269	5.6	17.9
8 9	19 54.18	−28 23.7	1.285	2.255	10.0	18.2
8 19	19 46.68	−28 4.1	1.325	2.241	14.4	18.4
8 29	19 42.30	−27 32.3	1.384	2.228	18.2	18.6

381168 2007 HC_{88} 7 23.2 69°.91 0°.8/23.7 17

6 20	20 34.88	−14 53.5	1.592	2.469	14.9	20.5
6 30	20 29.81	−15 39.5	1.536	2.481	11.0	20.3
7 10	20 22.56	−16 37.3	1.501	2.493	6.6	20.1
7 20	20 13.89	−17 42.4	1.491	2.505	1.9	19.8
7 30	20 4.87	−18 48.9	1.507	2.517	3.1	19.9
8 9	19 56.66	−19 51.3	1.550	2.529	7.6	20.2
8 19	19 50.24	−20 45.5	1.617	2.541	11.7	20.5
8 29	19 46.30	−21 29.2	1.706	2.553	15.1	20.7

173640 2001 FK_{140} 7 23.2 143°.81 0°.6/23.5 17

6 20	20 37.31	−16 19.5	1.641	2.516	14.6	20.7
6 30	20 31.61	−16 50.8	1.576	2.521	10.8	20.5
7 10	20 23.64	−17 31.8	1.534	2.527	6.4	20.2
7 20	20 14.16	−18 18.7	1.517	2.532	1.8	19.9
7 30	20 4.28	−19 6.5	1.527	2.537	3.2	20.1
8 9	19 55.18	−19 50.6	1.563	2.541	7.7	20.3
8 19	19 47.89	−20 28.0	1.624	2.545	11.8	20.6
8 29	19 43.14	−20 56.9	1.706	2.549	15.3	20.8

158326 2001 VO_{115} 7 23.2 312°.34 1°.5/22.4 18

6 20	20 33.75	−22 19.4	1.882	2.766	12.6	19.8
6 30	20 28.95	−22 49.6	1.805	2.756	9.2	19.6
7 10	20 22.08	−23 23.8	1.750	2.745	5.5	19.4
7 20	20 13.79	−23 57.9	1.721	2.735	1.8	19.1
7 30	20 5.03	−24 27.8	1.719	2.725	3.6	19.2
8 9	19 56.85	−24 50.2	1.743	2.716	7.6	19.4
8 19	19 50.22	−25 3.5	1.792	2.706	11.3	19.6
8 29	19 45.86	−25 7.3	1.862	2.697	14.5	19.8

106385 2000 VH_{17} 7 23.2 303°.69 3°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 33.83	−11 18.7	1.609	2.478	15.2	19.6
6 30	20 29.21	−11 12.3	1.528	2.465	11.7	19.4
7 10	20 22.34	−11 19.0	1.469	2.453	7.7	19.1
7 20	20 13.88	−11 37.9	1.433	2.441	4.1	18.9
7 30	20 4.83	−12 6.5	1.423	2.429	4.2	18.9
8 9	19 56.38	−12 41.2	1.438	2.417	8.1	19.1
8 19	19 49.57	−13 18.0	1.476	2.405	12.2	19.3
8 29	19 45.24	−13 53.4	1.536	2.394	16.0	19.5

284767 2008 WL_{101} 7 23.2 272°.77 9°.6/26.2 18

6 20	20 36.95	+ 1 58.9	1.861	2.661	16.2	20.0
6 30	20 31.17	+ 3 28.5	1.783	2.654	13.8	19.9
7 10	20 23.35	+ 4 41.2	1.725	2.647	11.5	19.7
7 20	20 14.11	+ 5 32.9	1.691	2.640	9.9	19.6
7 30	20 4.36	+ 6 0.9	1.681	2.632	9.7	19.6
8 9	19 55.15	+ 6 5.6	1.696	2.625	11.0	19.6
8 19	19 47.41	+ 5 50.0	1.734	2.618	13.3	19.8
8 29	19 41.88	+ 5 19.0	1.793	2.611	15.7	19.9

45581 2000 CN_{82} 7 23.2 223°.68 2°.2/22.2 18

6 20	20 37.97	−25 51.7	2.176	3.050	11.6	19.4
6 30	20 31.76	−26 8.8	2.098	3.043	8.5	19.2
7 10	20 23.60	−26 25.5	2.045	3.036	5.2	19.0
7 20	20 14.15	−26 38.2	2.018	3.029	2.3	18.8
7 30	20 4.33	−26 43.8	2.019	3.021	3.8	18.9
8 9	19 55.13	−26 40.5	2.047	3.013	7.2	19.1
8 19	19 47.42	−26 28.3	2.102	3.004	10.5	19.3
8 29	19 41.88	−26 8.1	2.179	2.995	13.4	19.4

97269 1999 XB_{130} 7 23.2 268°.41 6°.9/18.8 18

6 20	20 38.44	−35 30.9	1.924	2.801	12.7	19.5
6 30	20 32.76	−36 53.7	1.850	2.787	10.0	19.3
7 10	20 24.52	−38 11.8	1.801	2.772	7.7	19.1
7 20	20 14.44	−39 17.3	1.776	2.757	6.9	19.1
7 30	20 3.65	−40 3.3	1.778	2.742	8.2	19.1
8 9	19 53.49	−40 26.5	1.804	2.727	10.9	19.2
8 19	19 45.18	−40 27.0	1.853	2.711	13.7	19.4
8 29	19 39.63	−40 8.0	1.921	2.696	16.4	19.6

91611 1999 TN_{27} 7 23.2 209°.44 1°.7/24.4 18

6 20	20 32.32	−13 3.8	2.728	3.579	10.2	19.8
6 30	20 27.24	−13 9.4	2.645	3.574	7.7	19.6
7 10	20 20.79	−13 22.2	2.586	3.569	4.9	19.4
7 20	20 13.45	−13 40.9	2.555	3.564	2.2	19.3
7 30	20 5.82	−14 3.5	2.552	3.558	2.5	19.3
8 9	19 58.58	−14 28.1	2.578	3.553	5.3	19.4
8 19	19 52.33	−14 52.6	2.631	3.547	8.1	19.6
8 29	19 47.59	−15 15.4	2.708	3.540	10.6	19.8

200677 2001 TV_{172} 7 23.2 291°.07 0°.7/22.9 17

6 20	20 37.34	−19 41.3	1.272	2.167	16.7	20.5
6 30	20 32.37	−20 7.6	1.202	2.158	12.4	20.2
7 10	20 24.46	−20 42.8	1.153	2.149	7.3	19.9
7 20	20 14.45	−21 21.7	1.126	2.141	1.8	19.5
7 30	20 3.71	−21 58.3	1.124	2.133	4.1	19.7
8 9	19 53.85	−22 27.6	1.145	2.124	9.6	20.0
8 19	19 46.28	−22 46.8	1.188	2.116	14.6	20.2
8 29	19 41.96	−22 55.3	1.251	2.109	18.9	20.5

494173 2016 GO_{164} 7 23.2 111°.25 1°.2/22.8 17

6 20	20 40.29	−21 24.9	1.462	2.347	15.5	21.5
6 30	20 33.97	−21 47.4	1.407	2.358	11.3	21.3
7 10	20 25.07	−22 14.4	1.372	2.368	6.6	21.1
7 20	20 14.53	−22 41.0	1.363	2.377	1.8	20.8
7 30	20 3.66	−23 2.6	1.379	2.387	3.9	20.9
8 9	19 53.85	−23 16.0	1.421	2.396	8.6	21.2
8 19	19 46.23	−23 20.4	1.486	2.405	12.9	21.5
8 29	19 41.53	−23 16.1	1.572	2.414	16.5	21.8

505368 2013 HB_{11} 7 23.2 42°.54 18°.3/ 7.1 17

6 20	20 32.36	+19 47.7	1.215	1.955	26.1	20.2
6 30	20 28.42	+21 5.7	1.174	1.970	24.0	20.0
7 10	20 21.93	+21 38.9	1.145	1.986	21.8	19.9
7 20	20 13.77	+21 21.2	1.130	2.002	19.9	19.9
7 30	20 5.24	+20 11.0	1.130	2.020	18.7	19.8
8 9	19 57.74	+18 14.1	1.148	2.037	18.3	19.9
8 19	19 52.37	+15 42.0	1.184	2.055	19.0	20.0
8 29	19 49.90	+12 49.5	1.238	2.074	20.4	20.2

443585 2014 KL_{73} 7 23.2 338°.05 1°.9/21.9 18

6 20	20 32.55	−21 45.1	1.994	2.877	12.1	20.4
6 30	20 27.99	−22 51.7	1.922	2.873	8.8	20.2
7 10	20 21.49	−24 4.2	1.875	2.870	5.2	20.0
7 20	20 13.67	−25 17.1	1.854	2.867	2.1	19.8
7 30	20 5.39	−26 25.0	1.861	2.864	3.8	19.9
8 9	19 57.64	−27 23.2	1.894	2.861	7.5	20.1
8 19	19 51.32	−28 8.9	1.952	2.859	10.9	20.3
8 29	19 47.12	−28 41.3	2.033	2.857	13.9	20.5

465894 2010 UK_{17} 7 23.2 341°.25 1°.9/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 28.05	−16 8.0	0.927	1.845	19.2	20.0
6 30	20 26.18	−16 0.8	0.860	1.826	14.5	19.7
7 10	20 21.11	−16 7.6	0.810	1.809	9.0	19.3
7 20	20 13.67	−16 26.4	0.779	1.793	3.2	18.9
7 30	20 5.33	−16 52.9	0.769	1.780	4.5	19.0
8 9	19 57.92	−17 21.5	0.778	1.768	10.6	19.3
8 19	19 53.03	−17 47.1	0.806	1.759	16.5	19.5
8 29	19 51.80	−18 6.0	0.850	1.751	21.5	19.8

141452 2002 CV_{83} 7 23.2 199°.10 0°.5/22.9 18

6 20	20 33.82	−20 33.0	2.645	3.512	10.0	21.3
6 30	20 28.40	−20 55.3	2.567	3.509	7.3	21.1
7 10	20 21.51	−21 21.0	2.513	3.506	4.3	20.9
7 20	20 13.65	−21 47.3	2.488	3.502	1.1	20.7
7 30	20 5.49	−22 11.7	2.491	3.498	2.4	20.8
8 9	19 57.77	−22 31.9	2.523	3.494	5.6	21.0
8 19	19 51.16	−22 46.8	2.581	3.490	8.5	21.2
8 29	19 46.19	−22 55.7	2.664	3.485	11.1	21.3

60852 2000 HU_{65} 7 23.2 55°.76 3°.1/21.7 18

6 20	20 36.84	−24 20.5	1.461	2.354	15.0	19.0
6 30	20 31.58	−25 18.3	1.407	2.362	11.0	18.8
7 10	20 23.75	−26 19.1	1.375	2.370	6.6	18.6
7 20	20 14.24	−27 16.3	1.367	2.378	3.2	18.4
7 30	20 4.31	−28 3.0	1.384	2.386	5.2	18.5
8 9	19 55.37	−28 35.1	1.427	2.395	9.3	18.8
8 19	19 48.54	−28 51.6	1.492	2.403	13.3	19.0
8 29	19 44.59	−28 53.5	1.577	2.412	16.7	19.3

88920 2001 TO_{12} 7 23.2 281°.69 8°.7/27.7 18

6 20	20 32.47	+ 4 21.5	2.143	2.928	14.8	19.7
6 30	20 27.73	+ 5 12.9	2.057	2.916	12.8	19.5
7 10	20 21.28	+ 5 46.0	1.991	2.903	10.7	19.4
7 20	20 13.63	+ 5 58.3	1.948	2.891	9.2	19.3
7 30	20 5.52	+ 5 48.5	1.929	2.879	8.8	19.2
8 9	19 57.82	+ 5 18.4	1.935	2.866	9.8	19.3
8 19	19 51.30	+ 4 31.4	1.965	2.854	11.7	19.4
8 29	19 46.61	+ 3 32.6	2.017	2.841	14.0	19.5

126390 2002 BZ_{1} 7 23.2 279°.29 0°.8/23.6 18

6 20	20 36.12	−16 37.3	1.796	2.668	13.7	20.2
6 30	20 30.92	−16 54.2	1.699	2.643	10.2	19.9
7 10	20 23.42	−17 20.2	1.625	2.617	6.2	19.6
7 20	20 14.21	−17 52.5	1.576	2.590	1.8	19.3
7 30	20 4.24	−18 27.4	1.554	2.564	3.1	19.3
8 9	19 54.68	−19 1.0	1.559	2.537	7.7	19.5
8 19	19 46.63	−19 30.4	1.588	2.509	12.1	19.7
8 29	19 40.99	−19 53.5	1.639	2.482	15.9	19.9

164767 1998 YK_{4} 7 23.2 204°.72 2°.7/24.7 18

6 20	20 35.06	−11 21.9	2.438	3.283	11.4	20.3
6 30	20 29.37	−11 11.9	2.355	3.279	8.8	20.1
7 10	20 22.11	−11 10.1	2.295	3.274	5.8	19.9
7 20	20 13.81	−11 15.9	2.263	3.268	3.1	19.8
7 30	20 5.19	−11 27.9	2.259	3.262	3.3	19.8
8 9	19 57.02	−11 44.0	2.283	3.256	6.0	19.9
8 19	19 49.99	−12 2.3	2.334	3.249	9.0	20.1
8 29	19 44.69	−12 20.8	2.409	3.241	11.7	20.3

142364 2002 RD_{228} 7 23.2 279°.95 2°.5/21.9 18

6 20	20 36.30	−22 26.8	1.509	2.400	14.8	19.6
6 30	20 31.41	−23 28.6	1.432	2.386	10.9	19.4
7 10	20 23.85	−24 37.8	1.377	2.373	6.5	19.1
7 20	20 14.33	−25 48.0	1.346	2.359	2.7	18.8
7 30	20 4.04	−26 51.4	1.342	2.345	4.9	18.9
8 9	19 54.40	−27 42.2	1.362	2.332	9.5	19.1
8 19	19 46.70	−28 17.2	1.405	2.318	13.9	19.4
8 29	19 41.92	−28 36.4	1.468	2.304	17.7	19.6

167424 2003 WK_{150} 7 23.2 305°.36 2°.4/24.5 18

6 20	20 32.76	−12 13.1	1.708	2.578	14.4	20.0
6 30	20 28.37	−12 27.1	1.626	2.565	10.9	19.8
7 10	20 21.85	−12 54.2	1.564	2.551	7.0	19.5
7 20	20 13.80	−13 32.6	1.528	2.538	3.2	19.3
7 30	20 5.19	−14 18.6	1.517	2.525	3.5	19.3
8 9	19 57.10	−15 8.0	1.532	2.512	7.6	19.5
8 19	19 50.55	−15 56.4	1.571	2.499	11.7	19.7
8 29	19 46.33	−16 40.4	1.632	2.487	15.3	19.9

182818 2002 AP_{158} 7 23.2 122°.51 1°.4/24.2 18

6 20	20 33.26	−13 49.7	2.661	3.513	10.4	21.4
6 30	20 27.86	−14 4.7	2.597	3.528	7.7	21.3
7 10	20 21.12	−14 26.6	2.558	3.542	4.8	21.1
7 20	20 13.55	−14 53.6	2.546	3.557	1.9	20.9
7 30	20 5.81	−15 23.4	2.563	3.570	2.3	21.0
8 9	19 58.56	−15 53.6	2.608	3.584	5.2	21.2
8 19	19 52.38	−16 22.3	2.681	3.596	8.0	21.4
8 29	19 47.76	−16 47.8	2.779	3.609	10.4	21.6

183179 2002 SN_{48} 7 23.2 289°.75 1°.5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.77	−14 25.1	1.487	2.367	15.6	20.4
6 30	20 30.23	−14 49.9	1.403	2.349	11.8	20.1
7 10	20 23.15	−15 28.5	1.339	2.331	7.3	19.8
7 20	20 14.17	−16 17.9	1.299	2.313	2.5	19.5
7 30	20 4.42	−17 13.2	1.285	2.294	3.5	19.5
8 9	19 55.21	−18 8.7	1.295	2.276	8.5	19.7
8 19	19 47.80	−18 59.7	1.329	2.258	13.3	20.0
8 29	19 43.15	−19 42.7	1.383	2.240	17.4	20.2

285459 1999 XB_{252} 7 23.2 294°.79 3°.9/20.5 18

6 20	20 33.85	−28 36.7	2.169	3.051	11.3	20.7
6 30	20 28.98	−29 40.8	2.089	3.036	8.4	20.5
7 10	20 22.12	−30 45.3	2.035	3.022	5.6	20.3
7 20	20 13.88	−31 44.7	2.006	3.008	3.9	20.2
7 30	20 5.10	−32 33.8	2.005	2.994	5.3	20.2
8 9	19 56.80	−33 9.2	2.030	2.981	8.2	20.4
8 19	19 49.90	−33 29.4	2.080	2.967	11.3	20.5
8 29	19 45.13	−33 35.2	2.151	2.953	14.0	20.7

39805 1997 WG_{2} 7 23.2 184°.52 0°.7/23.5 18

6 20	20 38.84	−16 56.9	1.640	2.514	14.7	19.7
6 30	20 32.81	−17 13.8	1.570	2.514	10.9	19.5
7 10	20 24.42	−17 39.4	1.522	2.514	6.5	19.2
7 20	20 14.44	−18 10.1	1.499	2.514	1.9	18.9
7 30	20 3.99	−18 41.9	1.503	2.513	3.2	19.0
8 9	19 54.30	−19 11.0	1.534	2.511	7.9	19.3
8 19	19 46.46	−19 34.8	1.588	2.509	12.1	19.5
8 29	19 41.24	−19 52.1	1.665	2.507	15.7	19.8

465615 2009 DH_{135} 7 23.2 83°.11 3°.3/24.9 17

6 20	20 36.60	−10 1.8	1.369	2.239	17.2	21.0
6 30	20 31.31	−10 23.3	1.314	2.251	13.1	20.8
7 10	20 23.56	−11 2.5	1.279	2.264	8.5	20.6
7 20	20 14.22	−11 56.5	1.268	2.276	4.2	20.4
7 30	20 4.51	−12 59.8	1.282	2.289	4.3	20.4
8 9	19 55.76	−14 6.0	1.321	2.301	8.5	20.7
8 19	19 49.05	−15 9.5	1.383	2.313	12.8	21.0
8 29	19 45.13	−16 5.9	1.466	2.326	16.5	21.2

257536 1998 EU_{3} 7 23.2 129°.29 3°.5/21.8 18

6 20	20 47.30	−25 0.5	1.342	2.225	16.8	21.2
6 30	20 39.33	−25 59.5	1.295	2.244	12.3	21.0
7 10	20 28.33	−26 59.9	1.270	2.263	7.4	20.7
7 20	20 15.40	−27 53.2	1.269	2.280	3.7	20.6
7 30	20 2.18	−28 32.3	1.295	2.296	5.7	20.7
8 9	19 50.35	−28 53.7	1.346	2.311	10.1	21.0
8 19	19 41.21	−28 58.0	1.420	2.325	14.4	21.3
8 29	19 35.54	−28 48.2	1.514	2.337	17.9	21.6

148455 2000 YM_{82} 7 23.2 156°.08 1°.9/24.5 18

6 20	20 33.33	−12 52.3	2.811	3.658	10.1	20.6
6 30	20 27.88	−12 49.5	2.737	3.664	7.6	20.5
7 10	20 21.15	−12 53.2	2.689	3.670	4.8	20.3
7 20	20 13.59	−13 2.5	2.667	3.675	2.3	20.1
7 30	20 5.84	−13 15.8	2.675	3.680	2.5	20.1
8 9	19 58.52	−13 31.4	2.711	3.685	5.1	20.3
8 19	19 52.20	−13 47.6	2.775	3.689	7.8	20.5
8 29	19 47.36	−14 3.0	2.864	3.693	10.2	20.7

507763 2013 YN_{89} 7 23.2 196°.43 0°.5/22.9 18

6 20	20 35.61	−18 22.2	2.287	3.153	11.4	22.1
6 30	20 29.98	−19 13.8	2.208	3.150	8.3	21.9
7 10	20 22.59	−20 12.4	2.155	3.147	4.9	21.7
7 20	20 13.99	−21 13.9	2.128	3.143	1.2	21.4
7 30	20 4.97	−22 14.1	2.131	3.138	2.7	21.5
8 9	19 56.40	−23 8.7	2.162	3.133	6.4	21.7
8 19	19 49.09	−23 55.3	2.220	3.128	9.7	21.9
8 29	19 43.70	−24 32.4	2.301	3.122	12.6	22.1

260109 2004 OX_{7} 7 23.2 12°.02 1°.7/22.1 18

6 20	20 29.39	−17 40.7	1.377	2.276	15.4	19.6
6 30	20 26.22	−19 24.4	1.323	2.282	11.2	19.4
7 10	20 20.69	−21 21.5	1.291	2.289	6.4	19.1
7 20	20 13.55	−23 23.3	1.284	2.298	2.0	18.9
7 30	20 5.92	−25 19.6	1.302	2.308	4.4	19.1
8 9	19 59.09	−27 1.7	1.345	2.319	9.0	19.4
8 19	19 54.14	−28 24.1	1.411	2.332	13.3	19.7
8 29	19 51.86	−29 25.1	1.497	2.346	16.8	19.9

262716 2006 XE_{18} 7 23.2 296°.69 2°.8/21.3 18

6 20	20 33.51	−24 49.6	2.050	2.933	11.8	20.2
6 30	20 28.75	−25 53.1	1.972	2.922	8.6	20.0
7 10	20 22.01	−26 59.9	1.919	2.912	5.3	19.8
7 20	20 13.87	−28 4.8	1.892	2.902	2.9	19.6
7 30	20 5.21	−29 2.3	1.893	2.892	4.5	19.7
8 9	19 57.06	−29 48.2	1.921	2.882	7.9	19.9
8 19	19 50.32	−30 20.6	1.973	2.872	11.2	20.1
8 29	19 45.74	−30 39.3	2.047	2.862	14.1	20.2

16168 Palmen 7 23.2 233°.22 0°.5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.68	−17 21.7	1.810	2.681	13.6	20.2
6 30	20 31.91	−17 40.3	1.728	2.671	10.1	20.0
7 10	20 23.92	−18 6.6	1.669	2.660	6.1	19.7
7 20	20 14.36	−18 37.7	1.635	2.649	1.7	19.4
7 30	20 4.23	−19 9.7	1.628	2.637	3.0	19.5
8 9	19 54.68	−19 39.0	1.648	2.625	7.5	19.7
8 19	19 46.75	−20 3.1	1.694	2.612	11.6	19.9
8 29	19 41.23	−20 20.7	1.761	2.599	15.1	20.1

232330 2002 TY_{182} 7 23.2 359°.65 5°.3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.51	−30 54.6	1.035	1.953	17.6	18.7
6 30	20 29.25	−30 55.6	0.982	1.946	13.3	18.4
7 10	20 22.73	−30 48.8	0.947	1.943	8.7	18.1
7 20	20 14.07	−30 28.3	0.933	1.941	5.4	17.9
7 30	20 4.98	−29 50.1	0.940	1.942	7.0	18.0
8 9	19 57.28	−28 54.7	0.969	1.945	11.4	18.3
8 19	19 52.32	−27 45.9	1.017	1.950	16.0	18.6
8 29	19 50.88	−26 28.6	1.083	1.958	19.9	18.8

438291 2006 AO_{93} 7 23.2 191°.52 0°.4/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.70	−20 12.1	2.113	2.982	12.0	22.4
6 30	20 31.57	−20 26.6	2.038	2.981	8.8	22.2
7 10	20 23.53	−20 45.1	1.987	2.979	5.2	22.0
7 20	20 14.24	−21 4.4	1.962	2.977	1.3	21.7
7 30	20 4.59	−21 21.7	1.966	2.974	2.8	21.8
8 9	19 55.55	−21 34.6	1.998	2.971	6.7	22.1
8 19	19 47.97	−21 41.8	2.055	2.967	10.2	22.3
8 29	19 42.50	−21 43.0	2.136	2.963	13.2	22.5

50459 2000 DZ_{55} 7 23.3 270°.17 0°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.24	−16 23.2	1.634	2.511	14.6	19.3
6 30	20 31.14	−16 46.4	1.549	2.495	10.9	19.0
7 10	20 23.61	−17 20.1	1.486	2.478	6.6	18.7
7 20	20 14.33	−18 0.9	1.447	2.461	1.9	18.4
7 30	20 4.33	−18 44.4	1.434	2.444	3.3	18.4
8 9	19 54.88	−19 25.9	1.448	2.426	8.1	18.7
8 19	19 47.13	−20 1.8	1.485	2.409	12.6	18.9
8 29	19 41.99	−20 30.2	1.543	2.391	16.4	19.1

491474 2012 HQ_{15} 7 23.3 176°.76 6°.2/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.31	− 2 30.9	1.373	2.209	19.1	22.0
6 30	20 35.00	− 2 59.5	1.302	2.213	15.3	21.7
7 10	20 25.93	− 3 55.5	1.251	2.216	11.0	21.5
7 20	20 14.91	− 5 17.6	1.222	2.217	7.2	21.3
7 30	20 3.20	− 7 0.5	1.219	2.218	6.5	21.3
8 9	19 52.30	− 8 55.1	1.243	2.217	9.7	21.4
8 19	19 43.49	−10 51.5	1.290	2.215	14.0	21.7
8 29	19 37.71	−12 41.4	1.359	2.212	18.0	21.9

255409 2005 XA_{5} 7 23.3 249°.47 0°.2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.81	−17 6.5	2.874	3.733	9.5	21.1
6 30	20 27.72	−17 42.7	2.776	3.713	7.0	20.9
7 10	20 21.20	−18 25.1	2.703	3.693	4.2	20.7
7 20	20 13.68	−19 11.2	2.658	3.672	1.1	20.4
7 30	20 5.75	−19 58.0	2.642	3.651	2.1	20.5
8 9	19 58.09	−20 42.8	2.656	3.629	5.3	20.7
8 19	19 51.33	−21 23.3	2.698	3.607	8.2	20.8
8 29	19 46.04	−21 57.8	2.764	3.585	10.7	21.0

83216 2001 RA_{27} 7 23.3 27°.67 2°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.81	−10 47.2	1.976	2.834	13.2	19.6
6 30	20 28.05	−11 1.4	1.903	2.834	10.1	19.4
7 10	20 21.50	−11 27.8	1.853	2.835	6.6	19.2
7 20	20 13.76	−12 4.5	1.828	2.836	3.3	19.0
7 30	20 5.66	−12 48.6	1.830	2.836	3.4	19.0
8 9	19 58.11	−13 36.1	1.859	2.837	6.7	19.2
8 19	19 51.93	−14 23.5	1.914	2.838	10.2	19.4
8 29	19 47.74	−15 7.6	1.991	2.839	13.3	19.6

20077 1994 CX_{9} 7 23.3 253°.73 0°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.89	−17 47.0	1.562	2.443	14.9	18.6
6 30	20 31.67	−18 22.4	1.484	2.433	11.0	18.4
7 10	20 23.94	−19 7.8	1.429	2.423	6.6	18.1
7 20	20 14.42	−19 58.8	1.398	2.413	1.6	17.7
7 30	20 4.24	−20 50.0	1.393	2.402	3.5	17.9
8 9	19 54.71	−21 36.0	1.413	2.391	8.4	18.1
8 19	19 47.02	−22 13.5	1.458	2.380	12.9	18.4
8 29	19 42.06	−22 40.9	1.523	2.369	16.7	18.6

365655 2010 VO_{27} 7 23.3 211°.51 6°.0/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.42	− 0 5.4	2.484	3.287	12.5	20.8
6 30	20 26.71	+ 0 17.7	2.405	3.285	10.4	20.7
7 10	20 20.58	+ 0 26.0	2.347	3.284	8.2	20.5
7 20	20 13.52	+ 0 18.7	2.314	3.282	6.5	20.4
7 30	20 6.17	− 0 3.5	2.308	3.280	6.1	20.4
8 9	19 59.22	− 0 38.6	2.328	3.278	7.3	20.4
8 19	19 53.30	− 1 23.3	2.373	3.276	9.4	20.6
8 29	19 48.95	− 2 13.9	2.442	3.274	11.6	20.7

180519 2004 DZ_{32} 7 23.3 354°.33 2°.7/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 31.63	−23 29.3	1.042	1.959	17.7	18.4
6 30	20 28.59	−24 0.4	0.985	1.952	13.0	18.1
7 10	20 22.42	−24 36.7	0.946	1.946	7.8	17.8
7 20	20 14.06	−25 11.5	0.928	1.942	3.0	17.5
7 30	20 5.07	−25 37.9	0.932	1.939	5.4	17.6
8 9	19 57.20	−25 51.1	0.957	1.938	10.8	17.9
8 19	19 51.88	−25 49.7	1.002	1.938	15.8	18.2
8 29	19 50.04	−25 34.7	1.064	1.941	20.1	18.5

244340 2002 JR_{107} 7 23.3 169°.13 10°.8/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.50	+19 12.3	2.701	3.355	14.8	21.4
6 30	20 28.89	+19 48.6	2.626	3.361	13.6	21.3
7 10	20 21.84	+20 1.8	2.570	3.365	12.3	21.2
7 20	20 13.84	+19 49.5	2.533	3.369	11.3	21.2
7 30	20 5.54	+19 10.8	2.518	3.373	10.8	21.1
8 9	19 57.67	+18 7.7	2.527	3.375	10.9	21.1
8 19	19 50.86	+16 44.3	2.559	3.377	11.6	21.2
8 29	19 45.66	+15 6.1	2.613	3.377	12.8	21.3

293161 2006 YL_{20} 7 23.3 211°.95 1°.2/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.49	−21 26.4	1.836	2.712	13.2	21.8
6 30	20 32.49	−21 56.0	1.760	2.707	9.7	21.5
7 10	20 24.25	−22 30.1	1.707	2.701	5.7	21.3
7 20	20 14.48	−23 4.5	1.681	2.695	1.7	21.0
7 30	20 4.20	−23 34.8	1.682	2.689	3.5	21.1
8 9	19 54.60	−23 57.6	1.709	2.682	7.7	21.4
8 19	19 46.67	−24 11.3	1.762	2.674	11.6	21.6
8 29	19 41.20	−24 16.0	1.837	2.666	15.0	21.8

469633 2004 RE_{340} 7 23.3 347°.21 10°.0/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 28.37	+ 6 14.2	1.715	2.513	17.4	21.0
6 30	20 25.09	+ 6 43.2	1.638	2.504	15.1	20.8
7 10	20 19.90	+ 6 46.4	1.580	2.496	12.7	20.6
7 20	20 13.40	+ 6 21.0	1.541	2.489	10.8	20.5
7 30	20 6.42	+ 5 27.0	1.526	2.482	10.0	20.4
8 9	19 59.96	+ 4 8.2	1.533	2.477	10.9	20.5
8 19	19 54.90	+ 2 31.3	1.563	2.472	13.0	20.6
8 29	19 51.95	+ 0 44.3	1.614	2.469	15.5	20.8

444100 2004 TQ_{40} 7 23.3 309°.37 0°.2/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.70	−18 21.1	2.013	2.890	12.2	21.5
6 30	20 28.14	−18 35.7	1.924	2.870	9.1	21.2
7 10	20 21.66	−18 56.5	1.858	2.851	5.4	21.0
7 20	20 13.84	−19 21.0	1.818	2.832	1.4	20.6
7 30	20 5.50	−19 46.2	1.804	2.813	2.8	20.7
8 9	19 57.62	−20 9.0	1.817	2.795	6.8	20.9
8 19	19 51.08	−20 27.3	1.856	2.777	10.6	21.1
8 29	19 46.60	−20 39.8	1.916	2.759	13.9	21.3

26004 Loriying 7 23.3 354°.34 2°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 30.56	−15 42.7	1.017	1.926	18.7	18.0
6 30	20 27.72	−15 38.5	0.958	1.919	14.0	17.7
7 10	20 21.87	−15 47.9	0.916	1.913	8.7	17.4
7 20	20 13.93	−16 8.5	0.895	1.909	3.1	17.1
7 30	20 5.36	−16 35.8	0.896	1.906	4.2	17.1
8 9	19 57.82	−17 4.5	0.917	1.905	9.9	17.5
8 19	19 52.69	−17 30.2	0.959	1.906	15.2	17.7
8 29	19 50.91	−17 49.7	1.018	1.908	19.7	18.0

48966 1998 QY_{34} 7 23.3 331°.62 1°.0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.71	−18 47.4	1.264	2.158	16.8	18.2
6 30	20 31.88	−18 24.9	1.193	2.148	12.6	17.9
7 10	20 24.19	−18 8.2	1.142	2.138	7.6	17.6
7 20	20 14.51	−17 55.4	1.114	2.129	2.3	17.2
7 30	20 4.19	−17 44.2	1.110	2.120	3.8	17.3
8 9	19 54.81	−17 32.5	1.130	2.113	9.2	17.6
8 19	19 47.66	−17 19.4	1.171	2.106	14.2	17.9
8 29	19 43.68	−17 4.2	1.232	2.100	18.5	18.1

362562 2010 VQ_{60} 7 23.3 28°.30 1°.9/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.49	−14 57.7	2.148	3.011	12.1	20.6
6 30	20 29.10	−14 39.1	2.076	3.013	9.1	20.4
7 10	20 22.04	−14 26.8	2.029	3.015	5.7	20.2
7 20	20 13.90	−14 20.0	2.007	3.018	2.5	20.0
7 30	20 5.49	−14 17.3	2.013	3.021	2.9	20.0
8 9	19 57.69	−14 17.1	2.047	3.023	6.3	20.2
8 19	19 51.21	−14 18.0	2.106	3.026	9.6	20.5
8 29	19 46.66	−14 18.8	2.189	3.030	12.5	20.6

58755 1998 FS_{14} 7 23.3 21°.26 4°.5/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.66	−31 33.3	1.883	2.765	12.7	18.8
6 30	20 31.81	−32 0.5	1.823	2.768	9.6	18.6
7 10	20 23.76	−32 22.7	1.785	2.771	6.4	18.5
7 20	20 14.34	−32 35.2	1.773	2.774	4.5	18.4
7 30	20 4.62	−32 34.2	1.788	2.778	5.7	18.4
8 9	19 55.80	−32 18.4	1.828	2.782	8.7	18.6
8 19	19 48.80	−31 49.3	1.892	2.786	11.8	18.8
8 29	19 44.30	−31 9.4	1.977	2.791	14.6	19.0

523017 2016 PW_{123} 7 23.3 336.°69 1.°4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 33.52	−15 29.4	1.678	2.556	14.2	21.1
6 30	20 28.91	−15 35.3	1.605	2.550	10.6	20.8
7 10	20 22.17	−15 50.6	1.554	2.545	6.5	20.6
7 20	20 13.98	−16 13.0	1.527	2.540	2.3	20.3
7 30	20 5.32	−16 39.2	1.526	2.535	3.2	20.4
8 9	19 57.33	−17 6.0	1.551	2.531	7.5	20.6
8 19	19 50.96	−17 30.2	1.599	2.527	11.5	20.8
8 29	19 46.97	−17 50.0	1.669	2.524	15.1	21.1

219976 2002 LD 7 23.3 17.°56 0.°5/23.6 18

6 20	20 31.80	−16 9.8	2.247	3.116	11.4	19.9
6 30	20 27.18	−16 44.7	2.175	3.117	8.4	19.7
7 10	20 20.95	−17 27.2	2.126	3.118	5.0	19.5
7 20	20 13.65	−18 14.6	2.104	3.119	1.4	19.3
7 30	20 6.02	−19 3.2	2.110	3.120	2.4	19.4
8 9	19 58.88	−19 49.4	2.144	3.121	6.0	19.6
8 19	19 52.95	−20 30.7	2.204	3.122	9.3	19.8
8 29	19 48.82	−21 5.2	2.287	3.123	12.1	20.0

314513 2005 XE_{69} 7 23.3 297.°83 2.°3/24.2 18

6 20	20 35.06	−14 12.3	2.153	3.012	12.2	20.3
6 30	20 29.62	−13 44.3	2.069	3.002	9.3	20.1
7 10	20 22.41	−13 22.7	2.008	2.992	5.9	19.9
7 20	20 14.03	−13 6.8	1.974	2.983	2.9	19.6
7 30	20 5.27	−12 55.9	1.967	2.973	3.3	19.7
8 9	19 57.03	−12 48.7	1.988	2.963	6.5	19.8
8 19	19 50.09	−12 44.1	2.034	2.954	9.9	20.0
8 29	19 45.10	−12 40.6	2.104	2.944	12.9	20.2

73032 2002 EP_{80} 7 23.3 335.°81 7.°4/20.8 18

6 20	20 36.08	−32 15.8	1.042	1.955	18.0	18.6
6 30	20 32.32	−33 5.4	0.979	1.940	13.9	18.3
7 10	20 24.87	−33 49.6	0.935	1.926	9.8	18.0
7 20	20 14.75	−34 18.4	0.911	1.913	7.4	17.8
7 30	20 3.76	−34 22.9	0.909	1.902	9.3	17.9
8 9	19 54.03	−34 0.0	0.927	1.891	13.5	18.1
8 19	19 47.28	−33 12.3	0.963	1.882	18.1	18.3
8 29	19 44.58	−32 5.9	1.016	1.875	22.2	18.6

242515 2004 YS_{32} 7 23.3 244.°79 0.°7/22.9 18

6 20	20 36.15	−20 13.0	2.087	2.959	12.0	21.1
6 30	20 30.63	−20 43.5	2.001	2.946	8.9	20.9
7 10	20 23.13	−21 19.4	1.939	2.932	5.2	20.6
7 20	20 14.24	−21 57.0	1.903	2.918	1.4	20.3
7 30	20 4.84	−22 32.5	1.896	2.903	3.0	20.4
8 9	19 55.91	−23 2.6	1.915	2.888	7.0	20.6
8 19	19 48.37	−23 25.1	1.961	2.873	10.6	20.8
8 29	19 42.96	−23 39.5	2.029	2.857	13.8	21.0

237863 2002 GO_{151} 7 23.3 137.°70 0.°6/23.6 17

6 20	20 36.01	−16 23.9	1.993	2.860	12.7	20.6
6 30	20 30.37	−16 49.2	1.927	2.868	9.4	20.4
7 10	20 22.86	−17 22.3	1.885	2.876	5.6	20.2
7 20	20 14.15	−17 59.9	1.869	2.883	1.6	20.0
7 30	20 5.12	−18 38.5	1.881	2.890	2.7	20.1
8 9	19 56.74	−19 14.6	1.920	2.896	6.6	20.3
8 19	19 49.84	−19 45.7	1.985	2.902	10.2	20.6
8 29	19 45.04	−20 10.4	2.072	2.908	13.3	20.8

514334 2016 PV_{4} 7 23.3 285.°80 3.°8/21.7 18

6 20	20 38.96	−28 22.3	1.739	2.622	13.5	22.0
6 30	20 33.21	−28 51.3	1.653	2.601	10.1	21.7
7 10	20 24.90	−29 19.0	1.590	2.580	6.5	21.5
7 20	20 14.73	−29 39.9	1.552	2.559	3.9	21.3
7 30	20 3.88	−29 49.1	1.540	2.538	5.4	21.3
8 9	19 53.68	−29 43.7	1.554	2.517	9.2	21.5
8 19	19 45.34	−29 24.1	1.592	2.496	13.1	21.7
8 29	19 39.77	−28 52.3	1.650	2.474	16.6	21.8

521315 2015 KP_{170} 7 23.3 207.°10 7.°3/27.5 16

6 20	20 33.67	+ 1 15.4	2.103	2.905	14.5	22.0
6 30	20 28.62	+ 1 43.1	2.024	2.902	12.1	21.9
7 10	20 21.85	+ 1 52.6	1.966	2.899	9.7	21.7
7 20	20 13.92	+ 1 42.8	1.931	2.896	7.8	21.6
7 30	20 5.60	+ 1 13.8	1.922	2.892	7.3	21.6
8 9	19 57.75	+ 0 28.6	1.939	2.888	8.6	21.6
8 19	19 51.15	− 0 28.8	1.981	2.884	11.0	21.8
8 29	19 46.44	− 1 33.1	2.045	2.880	13.4	21.9

472889 2015 FQ_{323} 7 23.3 71.°62 0.°5/23.0 17

6 20	20 35.57	−17 55.9	1.655	2.535	14.2	21.3
6 30	20 30.34	−18 48.8	1.601	2.550	10.4	21.1
7 10	20 22.95	−19 50.3	1.570	2.565	6.0	20.9
7 20	20 14.19	−20 55.1	1.564	2.579	1.5	20.6
7 30	20 5.11	−21 57.4	1.586	2.594	3.3	20.8
8 9	19 56.86	−22 52.1	1.633	2.609	7.6	21.1
8 19	19 50.37	−23 36.3	1.705	2.624	11.5	21.4
8 29	19 46.33	−24 8.9	1.798	2.638	14.8	21.6

173549 2000 XF_{47} 7 23.3 231.°00 11.°3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 55.19	−50 41.6	2.034	2.853	14.3	19.8
6 30	20 45.70	−51 58.8	1.966	2.838	12.7	19.7
7 10	20 32.49	−52 58.1	1.920	2.822	11.6	19.6
7 20	20 16.66	−53 29.6	1.898	2.805	11.4	19.5
7 30	20 0.06	−53 26.5	1.899	2.787	12.3	19.6
8 9	19 44.78	−52 48.0	1.923	2.769	13.9	19.6
8 19	19 32.54	−51 39.2	1.968	2.749	15.9	19.7
8 29	19 24.34	−50 8.2	2.032	2.729	17.9	19.8

9435 Odafukashi 7 23.3 63.°46 3.°7/21.9 18

6 20	20 40.73	−25 50.1	1.182	2.082	17.3	17.4
6 30	20 34.94	−26 30.1	1.132	2.090	12.8	17.1
7 10	20 26.00	−27 11.1	1.102	2.097	7.8	16.9
7 20	20 14.99	−27 45.4	1.094	2.105	3.9	16.7
7 30	20 3.57	−28 6.5	1.110	2.113	5.9	16.8
8 9	19 53.48	−28 11.2	1.150	2.121	10.6	17.1
8 19	19 46.08	−28 0.1	1.211	2.130	15.2	17.4
8 29	19 42.20	−27 36.1	1.290	2.138	19.0	17.7

139935 2001 RW_{133} 7 23.3 240.°01 0.°8/22.8 18

6 20	20 34.48	−20 36.1	2.114	2.990	11.8	19.9
6 30	20 29.31	−21 6.7	2.039	2.986	8.6	19.7
7 10	20 22.29	−21 42.0	1.988	2.981	5.1	19.5
7 20	20 14.05	−22 18.5	1.962	2.977	1.4	19.2
7 30	20 5.40	−22 52.4	1.965	2.972	3.0	19.3
8 9	19 57.31	−23 20.6	1.995	2.968	6.7	19.6
8 19	19 50.58	−23 41.4	2.050	2.963	10.2	19.8
8 29	19 45.89	−23 54.2	2.128	2.959	13.2	20.0

187374 2005 UN_{335} 7 23.3 242.°41 5.°2/20.1 18

6 20	20 36.87	−34 27.3	2.264	3.138	11.2	20.1
6 30	20 31.11	−35 17.2	2.200	3.136	8.6	19.9
7 10	20 23.36	−36 1.6	2.159	3.134	6.3	19.7
7 20	20 14.31	−36 35.5	2.144	3.132	5.2	19.7
7 30	20 4.90	−36 54.6	2.156	3.131	6.3	19.7
8 9	19 56.16	−36 57.3	2.195	3.129	8.6	19.9
8 19	19 48.97	−36 44.3	2.257	3.127	11.2	20.0
8 29	19 44.01	−36 17.7	2.341	3.125	13.5	20.2

288521 2004 FC_{142} 7 23.3 220.°43 4.°8/26.4 18

6 20	20 32.80	− 4 3.4	2.302	3.126	12.7	20.9
6 30	20 27.88	− 3 58.2	2.218	3.120	10.2	20.8
7 10	20 21.38	− 4 7.3	2.157	3.115	7.6	20.6
7 20	20 13.82	− 4 30.6	2.122	3.109	5.4	20.4
7 30	20 5.89	− 5 6.5	2.113	3.103	5.0	20.4
8 9	19 58.38	− 5 52.4	2.131	3.097	6.9	20.5
8 19	19 52.00	− 6 44.4	2.176	3.090	9.6	20.7
8 29	19 47.33	− 7 38.7	2.244	3.083	12.2	20.8

521071 2015 DL_{239} 7 23.3 235.°80 3.°3/21.7 17

6 20	20 39.35	−26 53.1	1.788	2.669	13.3	21.9
6 30	20 33.30	−27 29.4	1.713	2.661	9.9	21.6
7 10	20 24.83	−28 5.7	1.662	2.653	6.2	21.4
7 20	20 14.72	−28 36.6	1.636	2.644	3.4	21.2
7 30	20 4.06	−28 57.3	1.636	2.636	5.0	21.3
8 9	19 54.14	−29 4.8	1.663	2.626	8.7	21.5
8 19	19 46.05	−28 59.0	1.714	2.617	12.4	21.7
8 29	19 40.60	−28 41.4	1.786	2.607	15.7	21.9

339246 2004 VU_{23} 7 23.3 293.°29 19.°9/26.5 17

6 20	20 37.88	+12 3.3	1.145	1.932	25.0	20.5
6 30	20 33.15	+14 54.7	1.081	1.919	23.0	20.3
7 10	20 25.25	+17 16.6	1.031	1.907	21.3	20.1
7 20	20 14.92	+18 56.6	0.998	1.894	20.1	20.0
7 30	20 3.50	+19 45.1	0.982	1.882	19.9	19.9
8 9	19 52.70	+19 40.0	0.982	1.869	20.9	19.9
8 19	19 44.12	+18 46.4	0.998	1.858	22.6	20.0
8 29	19 39.00	+17 15.7	1.027	1.846	24.8	20.1

136690 1995 SE_{41} 7 23.3 282.°92 0.°3/23.1 18

6 20	20 36.68	−18 39.4	1.525	2.410	15.0	20.6
6 30	20 31.74	−19 8.0	1.438	2.389	11.2	20.3
7 10	20 24.16	−19 46.0	1.373	2.367	6.7	20.0
7 20	20 14.60	−20 29.3	1.331	2.346	1.7	19.6
7 30	20 4.20	−21 12.6	1.315	2.324	3.6	19.7
8 9	19 54.35	−21 50.9	1.324	2.303	8.8	19.9
8 19	19 46.31	−22 20.7	1.357	2.281	13.5	20.1
8 29	19 41.12	−22 40.7	1.410	2.259	17.6	20.3

269853 2000 DB_{67} 7 23.3 243.°59 2.°3/24.4 18

6 20	20 37.30	−12 22.4	1.980	2.835	13.3	22.0
6 30	20 31.58	−12 34.5	1.886	2.817	10.2	21.8
7 10	20 23.78	−12 57.8	1.815	2.798	6.5	21.5
7 20	20 14.47	−13 30.5	1.769	2.779	3.0	21.3
7 30	20 4.53	−14 9.7	1.752	2.759	3.3	21.2
8 9	19 54.99	−14 51.7	1.761	2.738	7.1	21.4
8 19	19 46.83	−15 33.1	1.797	2.716	11.0	21.6
8 29	19 40.85	−16 11.2	1.856	2.694	14.5	21.8

173608 2001 EP_{12} 7 23.3 163°.27 3°.5/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.77	−26 3.0	1.688	2.571	13.9	20.5
6 30	20 33.63	−27 2.0	1.625	2.574	10.2	20.3
7 10	20 25.03	−28 2.3	1.586	2.578	6.4	20.0
7 20	20 14.76	−28 57.5	1.572	2.581	3.6	19.9
7 30	20 4.02	−29 41.2	1.585	2.583	5.3	20.0
8 9	19 54.13	−30 9.9	1.624	2.585	9.0	20.2
8 19	19 46.18	−30 22.7	1.687	2.587	12.7	20.5
8 29	19 40.98	−30 21.2	1.771	2.588	15.9	20.7

106556 2000 WC_{77} 7 23.3 281°.91 0°.8/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.53	−17 31.7	2.171	3.039	11.8	19.4
6 30	20 29.28	−17 29.1	2.087	3.028	8.8	19.2
7 10	20 22.27	−17 31.6	2.027	3.018	5.3	19.0
7 20	20 14.05	−17 37.6	1.994	3.008	1.6	18.7
7 30	20 5.45	−17 44.8	1.988	2.997	2.6	18.8
8 9	19 57.35	−17 51.5	2.010	2.987	6.3	19.0
8 19	19 50.56	−17 56.1	2.057	2.976	9.8	19.2
8 29	19 45.71	−17 57.7	2.128	2.966	12.9	19.4

74623 1999 RX_{29} 7 23.3 77°.01 12°.2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 5.64	−50 13.4	1.436	2.267	18.6	18.2
6 30	20 52.79	−50 34.8	1.402	2.290	15.9	18.1
7 10	20 35.97	−50 27.8	1.388	2.313	13.5	18.0
7 20	20 17.31	−49 42.8	1.396	2.336	12.3	18.0
7 30	19 59.45	−48 17.8	1.428	2.359	12.7	18.1
8 9	19 44.68	−46 19.7	1.484	2.381	14.5	18.3
8 19	19 34.20	−44 0.5	1.563	2.403	16.8	18.5
8 29	19 28.32	−41 32.0	1.662	2.425	19.0	18.7

226365 2003 HD_{39} 7 23.3 74°.62 7°.3/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.83	− 1 20.9	1.648	2.474	16.9	20.1
6 30	20 31.02	− 0 46.1	1.600	2.497	13.7	20.0
7 10	20 23.24	− 0 31.8	1.572	2.521	10.5	19.9
7 20	20 14.27	− 0 38.9	1.567	2.545	8.0	19.8
7 30	20 5.12	− 1 5.7	1.587	2.568	7.5	19.8
8 9	19 56.85	− 1 48.3	1.632	2.591	9.2	19.9
8 19	19 50.30	− 2 41.3	1.701	2.614	11.9	20.2
8 29	19 46.08	− 3 39.0	1.791	2.636	14.6	20.4

497121 2004 GY_{19} 7 23.3 95°.81 1°.9/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.25	−21 38.6	1.572	2.459	14.5	21.5
6 30	20 31.79	−22 34.4	1.514	2.466	10.6	21.2
7 10	20 23.94	−23 36.0	1.479	2.474	6.2	21.0
7 20	20 14.49	−24 37.1	1.468	2.481	2.2	20.8
7 30	20 4.62	−25 31.6	1.484	2.489	4.2	20.9
8 9	19 55.61	−26 14.7	1.525	2.496	8.5	21.2
8 19	19 48.54	−26 44.4	1.590	2.504	12.5	21.4
8 29	19 44.16	−27 0.7	1.676	2.511	15.9	21.7

449345 2013 GZ_{16} 7 23.3 346°.81 9°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 29.91	+ 7 41.9	2.086	2.858	15.6	20.3
6 30	20 25.92	+ 7 57.1	2.008	2.854	13.5	20.2
7 10	20 20.30	+ 7 49.0	1.949	2.851	11.4	20.0
7 20	20 13.57	+ 7 15.9	1.912	2.848	9.7	19.9
7 30	20 6.48	+ 6 18.2	1.898	2.846	9.0	19.9
8 9	19 59.83	+ 4 59.6	1.909	2.844	9.7	19.9
8 19	19 54.39	+ 3 25.6	1.945	2.842	11.4	20.0
8 29	19 50.74	+ 1 43.0	2.003	2.841	13.6	20.2

40575 1999 RS_{130} 7 23.3 332°.16 3°.5/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 30.69	−12 1.8	1.292	2.180	16.9	18.1
6 30	20 27.49	−11 53.9	1.212	2.160	13.1	17.9
7 10	20 21.70	−12 1.3	1.152	2.141	8.6	17.5
7 20	20 14.00	−12 23.3	1.113	2.123	4.3	17.3
7 30	20 5.54	−12 57.1	1.098	2.106	4.6	17.2
8 9	19 57.70	−13 37.9	1.106	2.090	9.1	17.4
8 19	19 51.77	−14 20.7	1.135	2.075	14.0	17.7
8 29	19 48.73	−15 0.9	1.183	2.062	18.3	17.9

480531 2015 MV_{19} 7 23.3 347°.10 1°.7/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.99	−22 51.6	1.397	2.295	15.2	20.5
6 30	20 29.73	−23 6.8	1.329	2.287	11.2	20.2
7 10	20 22.88	−23 25.7	1.283	2.280	6.7	19.9
7 20	20 14.26	−23 43.8	1.259	2.274	2.2	19.6
7 30	20 5.11	−23 56.5	1.261	2.268	4.2	19.8
8 9	19 56.82	−24 0.7	1.286	2.264	8.9	20.0
8 19	19 50.58	−23 55.6	1.333	2.261	13.4	20.3
8 29	19 47.21	−23 41.4	1.400	2.258	17.2	20.5

488887 2005 SG_{243} 7 23.3 229°.56 17°.9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.34	+16 52.9	1.305	2.049	24.4	21.4
6 30	20 32.45	+18 16.4	1.235	2.041	22.5	21.2
7 10	20 24.69	+19 2.3	1.177	2.032	20.5	21.0
7 20	20 14.78	+19 1.8	1.136	2.023	18.8	20.9
7 30	20 3.95	+18 9.6	1.111	2.013	17.9	20.8
8 9	19 53.77	+16 27.7	1.105	2.003	18.2	20.8
8 19	19 45.61	+14 5.2	1.118	1.992	19.7	20.8
8 29	19 40.59	+11 16.1	1.149	1.980	21.9	20.9

193625 2001 CD_{29} 7 23.3 237°.42 0°.2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.48	−16 19.7	2.235	3.097	11.7	20.3
6 30	20 30.08	−17 9.1	2.144	3.083	8.7	20.1
7 10	20 22.82	−18 7.6	2.077	3.068	5.2	19.9
7 20	20 14.24	−19 11.9	2.038	3.052	1.4	19.6
7 30	20 5.11	−20 17.3	2.027	3.036	2.6	19.6
8 9	19 56.35	−21 19.5	2.046	3.020	6.5	19.8
8 19	19 48.80	−22 15.0	2.090	3.002	10.1	20.0
8 29	19 43.18	−23 1.7	2.159	2.985	13.1	20.2

101041 1998 QV_{98} 7 23.3 190°.64 1°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 46.18	−25 15.5	2.111	2.972	12.4	19.5
6 30	20 37.76	−24 58.6	2.032	2.971	9.1	19.3
7 10	20 27.21	−24 39.3	1.979	2.969	5.5	19.1
7 20	20 15.30	−24 14.9	1.953	2.966	1.8	18.8
7 30	20 3.10	−23 43.6	1.957	2.963	3.3	18.9
8 9	19 51.74	−23 5.5	1.990	2.958	7.1	19.2
8 19	19 42.16	−22 21.9	2.051	2.953	10.7	19.4
8 29	19 35.02	−21 35.0	2.135	2.948	13.7	19.6

264297 1998 VK_{34} 7 23.3 207°.56 0°.3/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.04	−19 11.5	1.882	2.754	13.2	21.3
6 30	20 32.12	−19 33.4	1.806	2.750	9.7	21.1
7 10	20 24.06	−20 1.2	1.753	2.745	5.7	20.9
7 20	20 14.55	−20 31.5	1.725	2.740	1.4	20.6
7 30	20 4.57	−21 0.3	1.726	2.734	3.0	20.7
8 9	19 55.22	−21 24.5	1.753	2.728	7.3	20.9
8 19	19 47.47	−21 42.2	1.806	2.722	11.2	21.2
8 29	19 42.07	−21 52.6	1.881	2.715	14.5	21.4

388692 2007 UN_{130} 7 23.3 187°.44 0°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.19	−20 0.1	2.016	2.891	12.3	21.6
6 30	20 29.88	−20 31.6	1.945	2.891	9.0	21.4
7 10	20 22.67	−21 8.4	1.897	2.891	5.3	21.1
7 20	20 14.19	−21 46.8	1.876	2.890	1.4	20.9
7 30	20 5.33	−22 22.9	1.882	2.890	3.0	21.0
8 9	19 57.07	−22 53.4	1.915	2.889	6.9	21.2
8 19	19 50.26	−23 16.4	1.974	2.888	10.4	21.4
8 29	19 45.57	−23 31.1	2.055	2.887	13.5	21.6

269055 2007 GZ_{23} 7 23.3 65°.92 1°.9/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.78	−22 44.1	1.530	2.416	14.8	20.5
6 30	20 32.73	−23 19.7	1.487	2.439	10.8	20.3
7 10	20 24.35	−23 58.2	1.467	2.462	6.3	20.1
7 20	20 14.59	−24 34.2	1.471	2.484	2.2	19.9
7 30	20 4.66	−25 2.9	1.501	2.507	4.1	20.0
8 9	19 55.83	−25 21.4	1.557	2.530	8.3	20.4
8 19	19 49.07	−25 29.0	1.637	2.553	12.1	20.6
8 29	19 45.00	−25 26.5	1.738	2.575	15.3	20.9

308954 2006 TU_{35} 7 23.3 326°.44 2°.8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.88	−25 34.4	1.762	2.650	13.1	20.7
6 30	20 30.02	−26 6.6	1.689	2.641	9.7	20.5
7 10	20 22.92	−26 40.1	1.638	2.632	5.9	20.2
7 20	20 14.29	−27 10.1	1.612	2.623	2.9	20.0
7 30	20 5.17	−27 32.0	1.612	2.615	4.5	20.1
8 9	19 56.73	−27 42.8	1.638	2.607	8.3	20.3
8 19	19 50.00	−27 41.8	1.688	2.599	12.1	20.5
8 29	19 45.75	−27 29.8	1.759	2.592	15.3	20.7

322465 2011 UB_{113} 7 23.3 135°.19 1°.9/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.35	−12 31.5	2.560	3.410	10.8	21.5
6 30	20 28.08	−12 38.0	2.490	3.419	8.2	21.3
7 10	20 21.41	−12 52.4	2.445	3.427	5.2	21.1
7 20	20 13.87	−13 13.1	2.427	3.436	2.5	21.0
7 30	20 6.09	−13 38.2	2.437	3.444	2.6	21.0
8 9	19 58.80	−14 5.4	2.476	3.451	5.4	21.2
8 19	19 52.60	−14 32.4	2.541	3.459	8.3	21.4
8 29	19 48.00	−14 57.4	2.631	3.466	10.8	21.6

42820 1999 NA_{7} 7 23.3 160°.37 1°.0/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.50	−15 33.2	1.704	2.573	14.5	18.4
6 30	20 32.52	−15 56.7	1.637	2.578	10.7	18.2
7 10	20 24.32	−16 30.1	1.592	2.582	6.5	18.0
7 20	20 14.64	−17 9.9	1.573	2.586	2.1	17.7
7 30	20 4.53	−17 51.8	1.581	2.590	3.1	17.8
8 9	19 55.18	−18 31.6	1.615	2.593	7.5	18.1
8 19	19 47.58	−19 6.3	1.675	2.595	11.6	18.3
8 29	19 42.47	−19 34.0	1.756	2.597	15.0	18.5

42525 1994 PU_{18} 7 23.3 336°.39 1°.2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.30	−21 31.0	1.592	2.480	14.3	19.4
6 30	20 30.43	−21 52.6	1.522	2.475	10.5	19.1
7 10	20 23.20	−22 19.0	1.474	2.470	6.2	18.9
7 20	20 14.37	−22 46.0	1.451	2.465	1.8	18.6
7 30	20 5.05	−23 9.2	1.453	2.461	3.7	18.7
8 9	19 56.50	−23 25.2	1.481	2.457	8.2	19.0
8 19	19 49.77	−23 32.6	1.532	2.454	12.4	19.2
8 29	19 45.66	−23 31.2	1.604	2.451	15.9	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
239728 2009 BG_{143}			7 23.3 291.°85		0.°7/22.9 18	
	h m	° ′			°	m
6 20	20 34.08	−19 15.3	1.840	2.720	13.0	20.6
6 30	20 29.34	−19 57.5	1.761	2.710	9.6	20.3
7 10	20 22.51	−20 47.2	1.706	2.700	5.6	20.1
7 20	20 14.21	−21 40.4	1.676	2.690	1.5	19.8
7 30	20 5.37	−22 32.1	1.672	2.681	3.2	19.9
8 9	19 57.08	−23 17.7	1.696	2.671	7.5	20.1
8 19	19 50.31	−23 54.5	1.744	2.661	11.4	20.3
8 29	19 45.82	−24 21.0	1.814	2.652	14.7	20.5
307981 2004 PM_{80}			7 23.3 327.°31		8.°7/28.5 18	
6 20	20 31.04	+ 2 6.5	1.495	2.321	18.3	19.8
6 30	20 27.38	+ 2 15.1	1.417	2.311	15.4	19.6
7 10	20 21.47	+ 1 56.5	1.357	2.301	12.3	19.4
7 20	20 13.97	+ 1 8.7	1.318	2.292	9.6	19.2
7 30	20 5.85	− 0 6.9	1.303	2.283	8.7	19.2
8 9	19 58.30	− 1 44.5	1.311	2.275	10.4	19.2
8 19	19 52.37	− 3 35.7	1.341	2.268	13.4	19.4
8 29	19 48.92	− 5 31.2	1.393	2.261	16.8	19.6
475196 2005 US_{522}			7 23.3 217.°45		0.°1/23.3 18	
6 20	20 33.55	−18 20.4	2.349	3.217	11.0	21.9
6 30	20 28.47	−18 44.8	2.271	3.214	8.1	21.7
7 10	20 21.77	−19 14.7	2.218	3.210	4.8	21.5
7 20	20 13.99	−19 47.3	2.192	3.207	1.2	21.2
7 30	20 5.87	−20 19.7	2.194	3.203	2.4	21.3
8 9	19 58.23	−20 49.1	2.225	3.200	6.0	21.5
8 19	19 51.78	−21 13.5	2.281	3.196	9.2	21.7
8 29	19 47.13	−21 31.9	2.361	3.192	12.0	21.9
17534 1993 FB_{40}			7 23.3 323.°43		0.°7/22.9 18	
6 20	20 32.99	−20 4.0	1.765	2.650	13.3	18.2
6 30	20 28.63	−20 28.6	1.685	2.636	9.8	18.0
7 10	20 22.13	−20 59.3	1.627	2.622	5.8	17.7
7 20	20 14.13	−21 32.6	1.594	2.609	1.5	17.4
7 30	20 5.59	−22 4.3	1.587	2.596	3.2	17.5
8 9	19 57.62	−22 30.9	1.606	2.583	7.6	17.7
8 19	19 51.22	−22 50.0	1.649	2.572	11.6	17.9
8 29	19 47.15	−23 0.6	1.714	2.560	15.1	18.1
160200 2002 AT_{111}			7 23.3 119.°91		0.°7/22.9 18	
6 20	20 34.35	−20 33.5	2.451	3.320	10.6	21.1
6 30	20 28.91	−21 2.9	2.388	3.331	7.7	21.0
7 10	20 21.95	−21 35.9	2.349	3.342	4.5	20.8
7 20	20 14.03	−22 9.3	2.338	3.353	1.2	20.5
7 30	20 5.87	−22 40.1	2.356	3.363	2.6	20.7
8 9	19 58.27	−23 5.9	2.401	3.373	5.8	20.9
8 19	19 51.88	−23 25.3	2.473	3.383	8.8	21.1
8 29	19 47.24	−23 37.8	2.569	3.392	11.4	21.3
517638 2015 AJ_{197}			7 23.3 142.°62		0.°4/23.5 17	
6 20	20 38.48	−17 28.3	1.797	2.667	13.8	21.9
6 30	20 32.39	−17 47.4	1.733	2.675	10.1	21.7
7 10	20 24.19	−18 13.7	1.691	2.683	6.0	21.5
7 20	20 14.62	−18 43.8	1.676	2.690	1.6	21.2
7 30	20 4.72	−19 14.1	1.688	2.697	2.9	21.3
8 9	19 55.58	−19 41.1	1.727	2.704	7.2	21.6
8 19	19 48.14	−20 2.7	1.791	2.709	11.1	21.8
8 29	19 43.08	−20 18.0	1.877	2.715	14.3	22.0
289209 2004 XF_{19}			7 23.3 238.°20		1.°5/24.0 17	
6 20	20 35.96	−15 12.2	1.889	2.756	13.3	20.5
6 30	20 30.56	−15 14.6	1.812	2.751	10.0	20.2
7 10	20 23.16	−15 25.2	1.757	2.746	6.2	20.0
7 20	20 14.39	−15 42.1	1.728	2.741	2.3	19.7
7 30	20 5.18	−16 2.7	1.726	2.735	3.0	19.8
8 9	19 56.58	−16 24.0	1.751	2.729	7.0	20.0
8 19	19 49.47	−16 43.8	1.801	2.723	10.8	20.2
8 29	19 44.58	−17 0.2	1.873	2.717	14.1	20.4
474223 2001 CC_{32}			7 23.3 42.°29		30.°2/12.1 18	
6 20	4 10.53	−67 24.7	0.617	1.215	56.6	20.3
6 30	3 35.09	−73 33.3	0.571	1.259	52.4	20.1
7 10	1 33.97	−80 12.2	0.529	1.305	46.6	19.9
7 20	21 1.84	−78 16.3	0.506	1.353	39.6	19.6
7 30	19 20.54	−66 19.6	0.511	1.402	33.4	19.6
8 9	18 54.16	−52 57.7	0.554	1.452	30.4	19.7
8 19	18 47.84	−41 15.5	0.632	1.502	30.8	20.1
8 29	18 49.68	−32 3.8	0.738	1.551	32.5	20.6
386316 2008 SY_{72}			7 23.3 304.°55		1.°5/22.6 18	
6 20	20 35.18	−21 32.2	1.641	2.528	14.0	21.1
6 30	20 30.41	−22 7.4	1.565	2.517	10.3	20.8
7 10	20 23.26	−22 48.4	1.511	2.506	6.1	20.6
7 20	20 14.45	−23 30.4	1.481	2.495	1.9	20.3
7 30	20 5.04	−24 8.4	1.477	2.484	3.8	20.4
8 9	19 56.29	−24 38.1	1.499	2.474	8.3	20.6
8 19	19 49.28	−24 57.4	1.545	2.464	12.5	20.8
8 29	19 44.87	−25 5.9	1.611	2.454	16.1	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
157368 2004 TH_{127}			7 23.3 300.°40		0.°3/23.1 18	
	h m	° ′			°	m
6 20	20 32.48	−18 45.0	2.124	3.000	11.7	20.0
6 30	20 27.98	−19 19.1	2.036	2.982	8.7	19.8
7 10	20 21.65	−20 0.1	1.972	2.965	5.1	19.6
7 20	20 14.02	−20 44.7	1.933	2.948	1.3	19.3
7 30	20 5.89	−21 29.1	1.922	2.931	2.8	19.3
8 9	19 58.18	−22 9.6	1.938	2.914	6.7	19.6
8 19	19 51.71	−22 43.6	1.980	2.897	10.3	19.7
8 29	19 47.22	−23 9.5	2.044	2.880	13.4	19.9
506417 1999 TO_{76}			7 23.3 280.°18		3.°5/24.7 17	
6 20	20 36.61	−11 19.4	1.566	2.432	15.7	22.4
6 30	20 31.62	−11 12.1	1.473	2.409	12.1	22.1
7 10	20 24.11	−11 18.2	1.402	2.385	8.1	21.8
7 20	20 14.71	−11 37.0	1.353	2.361	4.2	21.5
7 30	20 4.46	−12 6.4	1.331	2.337	4.4	21.5
8 9	19 54.66	−12 42.6	1.333	2.312	8.6	21.6
8 19	19 46.54	−13 21.4	1.360	2.288	13.2	21.8
8 29	19 41.08	−13 59.0	1.407	2.263	17.3	22.0
174196 2002 QX_{30}			7 23.3 313.°68		1.°5/22.5 18	
6 20	20 35.15	−22 10.5	1.749	2.634	13.4	20.4
6 30	20 30.20	−22 41.3	1.676	2.627	9.8	20.2
7 10	20 23.05	−23 16.4	1.625	2.620	5.8	19.9
7 20	20 14.38	−23 51.5	1.600	2.614	1.9	19.6
7 30	20 5.22	−24 22.0	1.601	2.607	3.7	19.8
8 9	19 56.72	−24 44.4	1.628	2.601	7.9	20.0
8 19	19 49.90	−24 57.3	1.678	2.595	11.8	20.2
8 29	19 45.52	−25 0.3	1.751	2.589	15.2	20.4
152629 1997 EH_{32}			7 23.3 290.°94		1.°3/22.6 18	
6 20	20 34.43	−22 36.9	2.144	3.021	11.6	20.9
6 30	20 29.32	−22 59.5	2.066	3.014	8.5	20.7
7 10	20 22.37	−23 24.8	2.013	3.006	5.0	20.4
7 20	20 14.19	−23 49.5	1.985	2.999	1.7	20.2
7 30	20 5.62	−24 10.2	1.985	2.991	3.2	20.3
8 9	19 57.60	−24 24.5	2.012	2.984	6.8	20.5
8 19	19 50.94	−24 31.2	2.065	2.977	10.2	20.7
8 29	19 46.30	−24 30.2	2.140	2.970	13.1	20.9
35851 1999 JW_{62}			7 23.3 357.°34		0.°4/23.1 18	R
6 20	20 30.68	−17 46.0	1.196	2.100	16.8	18.1
6 30	20 27.58	−18 31.0	1.135	2.096	12.4	17.8
7 10	20 21.78	−19 28.9	1.094	2.092	7.3	17.5
7 20	20 14.10	−20 33.9	1.075	2.090	1.8	17.2
7 30	20 5.81	−21 38.6	1.079	2.089	3.9	17.3
8 9	19 58.42	−22 36.0	1.107	2.090	9.3	17.6
8 19	19 53.16	−23 21.5	1.155	2.092	14.2	17.9
8 29	19 50.94	−23 52.9	1.223	2.095	18.3	18.2
509894 2009 BF_{168}			7 23.3 242.°90		2.°5/24.6 18	
6 20	20 34.66	−12 29.5	2.014	2.873	13.0	21.7
6 30	20 29.48	−12 26.0	1.936	2.869	9.9	21.5
7 10	20 22.47	−12 32.2	1.881	2.865	6.4	21.2
7 20	20 14.22	−12 46.8	1.852	2.860	3.1	21.0
7 30	20 5.58	−13 7.7	1.849	2.856	3.3	21.0
8 9	19 57.48	−13 32.1	1.874	2.851	6.7	21.2
8 19	19 50.75	−13 57.4	1.924	2.847	10.2	21.4
8 29	19 46.04	−14 21.2	1.997	2.842	13.3	21.6
388640 2007 TS_{151}			7 23.3 318.°61		1.°9/24.1 18	
6 20	20 34.01	−15 18.2	1.574	2.454	14.9	20.8
6 30	20 29.58	−15 10.5	1.492	2.438	11.2	20.5
7 10	20 22.80	−15 12.3	1.431	2.421	7.0	20.2
7 20	20 14.36	−15 21.7	1.393	2.406	2.8	19.9
7 30	20 5.29	−15 36.4	1.381	2.390	3.5	19.9
8 9	19 56.82	−15 53.2	1.394	2.376	8.0	20.2
8 19	19 50.05	−16 9.4	1.431	2.361	12.4	20.4
8 29	19 45.84	−16 22.8	1.488	2.348	16.3	20.6
366678 2003 UM_{118}			7 23.3 307.°66		2.°3/22.5 17	
6 20	20 37.65	−23 45.0	1.268	2.167	16.4	20.9
6 30	20 32.92	−24 3.8	1.191	2.149	12.2	20.6
7 10	20 25.09	−24 26.2	1.135	2.132	7.4	20.3
7 20	20 14.98	−24 46.7	1.101	2.115	2.7	19.9
7 30	20 4.02	−24 59.5	1.091	2.098	4.9	20.0
8 9	19 53.89	−25 0.9	1.104	2.082	10.2	20.3
8 19	19 46.09	−24 50.0	1.139	2.066	15.2	20.5
8 29	19 41.67	−24 28.2	1.193	2.051	19.6	20.7
117649 2005 EG_{147}			7 23.3 102.°11		1.°6/22.6 17	
6 20	20 39.70	−21 58.9	1.501	2.386	15.2	20.5
6 30	20 33.64	−22 32.0	1.446	2.397	11.1	20.3
7 10	20 25.07	−23 9.4	1.413	2.408	6.5	20.1
7 20	20 14.89	−23 45.9	1.405	2.419	2.1	19.8
7 30	20 4.36	−24 16.0	1.422	2.429	4.0	20.0
8 9	19 54.85	−24 36.6	1.466	2.439	8.5	20.3
8 19	19 47.44	−24 46.3	1.532	2.449	12.7	20.5
8 29	19 42.86	−24 45.9	1.620	2.459	16.2	20.8

244281 2002 EB_{40} 7 23.3 191.°56 0.°5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.15	−20 35.3	2.622	3.488	10.1	21.3
6 30	20 28.77	−20 57.0	2.545	3.487	7.4	21.1
7 10	20 21.91	−21 21.9	2.493	3.486	4.3	20.9
7 20	20 14.07	−21 47.4	2.469	3.484	1.1	20.6
7 30	20 5.94	−22 11.0	2.474	3.482	2.4	20.7
8 9	19 58.27	−22 30.5	2.507	3.479	5.6	21.0
8 19	19 51.70	−22 44.6	2.567	3.476	8.5	21.1
8 29	19 46.79	−22 52.7	2.651	3.473	11.1	21.3

220877 2004 XL_{28} 7 23.3 313.°88 6.°2/18.8 18

6 20	20 34.61	−32 58.3	1.936	2.821	12.3	19.7
6 30	20 30.14	−34 25.7	1.849	2.792	9.6	19.5
7 10	20 23.25	−35 52.4	1.785	2.763	7.1	19.3
7 20	20 14.51	−37 10.9	1.746	2.734	6.2	19.2
7 30	20 4.93	−38 13.8	1.733	2.706	7.7	19.2
8 9	19 55.74	−38 56.2	1.745	2.677	10.6	19.3
8 19	19 48.14	−39 16.7	1.780	2.650	13.7	19.5
8 29	19 43.12	−39 16.6	1.835	2.622	16.6	19.6

514294 2015 TN_{47} 7 23.3 356.°83 0.°1/23.4 18

6 20	20 33.38	−18 41.4	2.103	2.977	11.9	20.6
6 30	20 28.50	−18 53.9	2.031	2.976	8.7	20.4
7 10	20 21.87	−19 11.7	1.982	2.975	5.2	20.2
7 20	20 14.10	−19 32.1	1.960	2.975	1.3	19.9
7 30	20 6.00	−19 52.5	1.965	2.974	2.6	20.0
8 9	19 58.47	−20 10.1	1.997	2.974	6.4	20.3
8 19	19 52.29	−20 23.5	2.055	2.974	9.8	20.5
8 29	19 48.06	−20 31.6	2.135	2.975	12.8	20.7

187442 2005 WF_{96} 7 23.3 324.°74 3.°9/20.8 18

6 20	20 33.24	−27 3.6	1.882	2.771	12.4	19.3
6 30	20 28.87	−28 12.1	1.807	2.758	9.2	19.1
7 10	20 22.33	−29 22.7	1.755	2.747	5.9	18.9
7 20	20 14.26	−30 29.2	1.730	2.735	3.9	18.7
7 30	20 5.62	−31 25.5	1.730	2.724	5.5	18.8
8 9	19 57.52	−32 7.3	1.756	2.713	8.8	19.0
8 19	19 50.99	−32 32.8	1.806	2.703	12.2	19.2
8 29	19 46.82	−32 42.5	1.877	2.694	15.2	19.4

483848 2005 YZ_{18} 7 23.3 318.°40 7.°7/17.5 17

6 20	20 34.94	−35 16.1	1.772	2.659	13.1	20.5
6 30	20 30.65	−37 6.1	1.694	2.635	10.5	20.3
7 10	20 23.69	−38 54.1	1.640	2.611	8.3	20.1
7 20	20 14.67	−40 30.5	1.610	2.588	7.8	20.1
7 30	20 4.70	−41 46.6	1.606	2.566	9.4	20.1
8 9	19 55.22	−42 36.8	1.626	2.544	12.1	20.2
8 19	19 47.57	−43 0.0	1.667	2.522	15.2	20.4
8 29	19 42.82	−42 58.9	1.726	2.501	17.9	20.5

295549 2008 SL_{20} 7 23.3 336.°20 0.°3/23.3 17

6 20	20 35.57	−19 51.0	0.987	1.898	19.0	20.4
6 30	20 31.76	−19 53.2	0.924	1.888	14.1	20.1
7 10	20 24.55	−20 3.9	0.880	1.878	8.4	19.8
7 20	20 14.88	−20 18.8	0.855	1.870	2.1	19.4
7 30	20 4.40	−20 32.8	0.852	1.863	4.4	19.5
8 9	19 55.03	−20 41.3	0.871	1.856	10.7	19.8
8 19	19 48.37	−20 42.3	0.909	1.851	16.3	20.1
8 29	19 45.48	−20 35.1	0.963	1.847	21.1	20.4

276849 2004 RW_{78} 7 23.3 302.°92 6.°4/20.7 18

6 20	20 40.20	−33 44.6	1.559	2.446	14.6	20.3
6 30	20 34.53	−34 26.4	1.483	2.428	11.4	20.1
7 10	20 25.92	−35 2.3	1.428	2.410	8.2	19.9
7 20	20 15.20	−35 24.5	1.396	2.392	6.4	19.7
7 30	20 3.76	−35 27.0	1.390	2.374	7.8	19.7
8 9	19 53.19	−35 7.3	1.407	2.357	11.2	19.9
8 19	19 44.88	−34 27.2	1.447	2.340	14.9	20.1
8 29	19 39.79	−33 31.1	1.505	2.323	18.2	20.3

271867 2004 TN_{311} 7 23.3 12.°41 4.°5/21.8 16

6 20	20 36.70	−28 31.7	1.237	2.141	16.4	19.6
6 30	20 31.99	−29 1.5	1.185	2.144	12.2	19.4
7 10	20 24.32	−29 28.7	1.154	2.148	7.8	19.1
7 20	20 14.75	−29 46.6	1.144	2.153	4.6	19.0
7 30	20 4.78	−29 49.7	1.159	2.159	6.3	19.1
8 9	19 56.05	−29 36.2	1.196	2.166	10.5	19.3
8 19	19 49.79	−29 7.5	1.254	2.174	14.7	19.6
8 29	19 46.79	−28 26.7	1.331	2.182	18.3	19.9

521186 2015 FT_{411} 7 23.3 189.°73 2.°9/25.1 18

6 20	20 35.21	− 9 42.7	2.015	2.865	13.3	21.8
6 30	20 29.90	−10 1.3	1.938	2.864	10.2	21.6
7 10	20 22.75	−10 32.9	1.884	2.863	6.8	21.4
7 20	20 14.34	−11 15.8	1.855	2.861	3.6	21.2
7 30	20 5.52	−12 6.8	1.854	2.859	3.6	21.2
8 9	19 57.23	−13 1.7	1.881	2.857	6.7	21.4
8 19	19 50.29	−13 56.7	1.933	2.854	10.2	21.6
8 29	19 45.38	−14 48.2	2.008	2.851	13.3	21.8

184010 2004 EE_{97} 7 23.3 12.°66 7.°5/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 36.43	−32 27.6	1.135	2.043	17.2	18.8
6 30	20 32.18	−33 38.6	1.089	2.046	13.2	18.6
7 10	20 24.62	−34 43.5	1.062	2.050	9.4	18.4
7 20	20 14.85	−35 32.4	1.057	2.055	7.5	18.3
7 30	20 4.59	−35 57.0	1.074	2.061	9.2	18.4
8 9	19 55.69	−35 54.7	1.112	2.068	12.8	18.7
8 19	19 49.56	−35 28.0	1.170	2.076	16.7	18.9
8 29	19 47.06	−34 42.0	1.245	2.085	20.1	19.2

488266 2016 SQ_5 7 23.3 319.°24 4.°6/24.7 18

6 20	20 36.51	−10 57.6	1.628	2.491	15.3	20.2
6 30	20 31.25	−10 4.6	1.549	2.480	12.0	19.9
7 10	20 23.72	− 9 21.3	1.491	2.469	8.3	19.7
7 20	20 14.61	− 8 48.9	1.456	2.458	5.1	19.5
7 30	20 4.98	− 8 27.6	1.448	2.448	5.3	19.5
8 9	19 55.99	− 8 16.6	1.465	2.439	8.6	19.7
8 19	19 48.69	− 8 14.0	1.506	2.430	12.4	19.9
8 29	19 43.88	− 8 17.1	1.567	2.421	15.9	20.1

382090 2011 FG_{151} 7 23.3 40.°69 18.°3/ 7.3 17

6 20	20 54.22	−61 1.9	1.507	2.309	19.2	19.5
6 30	20 48.11	−64 10.1	1.500	2.321	18.5	19.5
7 10	20 35.67	−66 44.2	1.512	2.334	18.3	19.5
7 20	20 17.95	−68 30.6	1.541	2.347	18.8	19.6
7 30	19 58.16	−69 22.0	1.588	2.360	19.6	19.7
8 9	19 40.66	−69 20.8	1.648	2.374	20.6	19.8
8 19	19 28.81	−68 36.7	1.721	2.388	21.6	19.9
8 29	19 23.98	−67 21.6	1.805	2.403	22.5	20.1

76483 2000 FS_{65} 7 23.3 253.°29 4.°1/25.6 18

6 20	20 34.21	− 7 13.1	2.243	3.079	12.6	19.8
6 30	20 29.10	− 7 5.3	2.150	3.063	10.0	19.6
7 10	20 22.28	− 7 9.8	2.079	3.047	7.1	19.4
7 20	20 14.24	− 7 26.3	2.033	3.030	4.6	19.2
7 30	20 5.73	− 7 53.6	2.015	3.013	4.4	19.2
8 9	19 57.58	− 8 29.0	2.025	2.995	6.8	19.3
8 19	19 50.58	− 9 9.5	2.060	2.977	9.9	19.5
8 29	19 45.39	− 9 51.6	2.119	2.959	12.9	19.6

178331 1995 SL_{40} 7 23.3 169.°41 1.°5/22.6 17

6 20	20 39.82	−22 20.4	1.706	2.585	14.0	21.2
6 30	20 33.61	−22 49.2	1.640	2.588	10.2	21.0
7 10	20 25.06	−23 21.6	1.596	2.590	6.0	20.8
7 20	20 14.95	−23 52.9	1.578	2.592	2.0	20.5
7 30	20 4.41	−24 18.7	1.587	2.593	3.8	20.6
8 9	19 54.69	−24 35.7	1.622	2.594	8.0	20.9
8 19	19 46.83	−24 42.8	1.682	2.595	12.0	21.1
8 29	19 41.59	−24 40.7	1.763	2.595	15.4	21.3

448989 2012 BK_{21} 7 23.3 190.°32 1.°7/24.9 18

6 20	20 32.68	−10 7.8	2.618	3.460	10.8	21.4
6 30	20 27.74	−11 4.8	2.535	3.459	8.2	21.2
7 10	20 21.36	−12 13.4	2.477	3.458	5.3	21.0
7 20	20 14.00	−13 31.0	2.448	3.457	2.4	20.8
7 30	20 6.29	−14 53.6	2.448	3.455	2.4	20.8
8 9	19 58.93	−16 16.8	2.477	3.454	5.4	21.0
8 19	19 52.56	−17 36.6	2.535	3.452	8.3	21.2
8 29	19 47.74	−18 49.9	2.619	3.450	11.0	21.4

6278 Ametkhan 7 23.3 295.°08 1.°2/22.8 18

6 20	20 37.07	−21 28.9	1.494	2.383	15.0	17.7
6 30	20 32.13	−21 49.8	1.410	2.363	11.1	17.4
7 10	20 24.50	−22 16.3	1.347	2.343	6.6	17.1
7 20	20 14.88	−22 44.1	1.308	2.323	1.9	16.7
7 30	20 4.47	−23 8.2	1.295	2.303	4.0	16.8
8 9	19 54.69	−23 24.7	1.306	2.284	9.0	17.1
8 19	19 46.84	−23 31.5	1.341	2.264	13.7	17.3
8 29	19 41.90	−23 28.6	1.395	2.245	17.7	17.5

281553 2008 UG_{52} 7 23.3 331.°32 5.°7/20.4 18

6 20	20 33.51	−28 50.8	1.324	2.229	15.5	19.5
6 30	20 29.91	−30 5.3	1.253	2.211	11.7	19.2
7 10	20 23.36	−31 21.7	1.203	2.195	7.9	19.0
7 20	20 14.61	−32 30.9	1.175	2.179	5.8	18.8
7 30	20 5.03	−33 24.1	1.172	2.164	7.7	18.9
8 9	19 56.23	−33 55.3	1.190	2.150	11.7	19.1
8 19	19 49.66	−34 3.4	1.230	2.137	15.9	19.3
8 29	19 46.38	−33 50.5	1.287	2.126	19.6	19.5

221650 2007 BD_{75} 7 23.3 212.°36 5.°8/26.9 18

6 20	20 35.37	− 1 49.6	2.045	2.861	14.4	21.1
6 30	20 30.05	− 1 51.9	1.960	2.855	11.7	21.0
7 10	20 22.88	− 2 12.4	1.896	2.848	8.9	20.8
7 20	20 14.42	− 2 51.1	1.857	2.840	6.4	20.6
7 30	20 5.48	− 3 46.4	1.844	2.832	5.9	20.6
8 9	19 56.99	− 4 54.1	1.859	2.823	7.8	20.7
8 19	19 49.78	− 6 9.2	1.899	2.814	10.8	20.8
8 29	19 44.56	− 7 26.4	1.963	2.804	13.7	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
186344 2002 ER_{101}			7 23.3 132.°85		4.°7/20.4 18	
	h m	° ′			°	m
6 20	20 36.66	−32 48.6	2.316	3.190	11.0	20.3
6 30	20 30.94	−33 39.7	2.255	3.193	8.3	20.2
7 10	20 23.34	−34 26.4	2.217	3.196	5.9	20.0
7 20	20 14.51	−35 3.9	2.207	3.200	4.7	19.9
7 30	20 5.36	−35 28.2	2.223	3.203	5.7	20.0
8 9	19 56.86	−35 37.5	2.266	3.206	8.1	20.2
8 19	19 49.84	−35 32.0	2.334	3.208	10.7	20.3
8 29	19 44.94	−35 13.6	2.423	3.211	13.0	20.5
307069 2002 AO_{30}			7 23.3 241.°00		0.°3/23.5 17	
6 20	20 37.15	−17 49.4	1.992	2.860	12.7	21.4
6 30	20 31.51	−18 9.2	1.905	2.847	9.4	21.2
7 10	20 23.82	−18 35.9	1.842	2.833	5.6	20.9
7 20	20 14.68	−19 6.5	1.805	2.819	1.5	20.6
7 30	20 4.99	−19 37.6	1.795	2.804	2.8	20.7
8 9	19 55.80	−20 5.8	1.813	2.789	7.0	20.9
8 19	19 48.04	−20 28.9	1.857	2.774	10.8	21.1
8 29	19 42.48	−20 45.7	1.923	2.758	14.2	21.3
441278 2007 WB_{44}			7 23.3 125.°80		0.°3/23.2 18	
6 20	20 36.79	−20 44.2	2.301	3.169	11.2	21.1
6 30	20 30.78	−20 45.3	2.234	3.177	8.2	20.9
7 10	20 23.13	−20 48.9	2.192	3.184	4.8	20.7
7 20	20 14.46	−20 52.8	2.177	3.192	1.2	20.5
7 30	20 5.56	−20 54.9	2.191	3.199	2.5	20.6
8 9	19 57.29	−20 53.7	2.232	3.206	6.0	20.8
8 19	19 50.38	−20 48.5	2.300	3.213	9.2	21.1
8 29	19 45.37	−20 39.3	2.391	3.220	11.9	21.3
345899 2007 RS_{99}			7 23.3 359.°95		12.°0/30.0 16	
6 20	20 24.99	+ 3 50.0	1.087	1.940	22.0	19.4
6 30	20 23.43	+ 4 39.5	1.030	1.934	18.9	19.2
7 10	20 19.38	+ 4 55.1	0.987	1.931	15.8	19.0
7 20	20 13.59	+ 4 32.2	0.962	1.930	13.1	18.8
7 30	20 7.25	+ 3 30.8	0.956	1.931	12.0	18.8
8 9	20 1.73	+ 1 57.3	0.969	1.934	13.1	18.8
8 19	19 58.17	+ 0 2.5	1.002	1.939	15.8	19.0
8 29	19 57.45	− 2 1.1	1.054	1.947	18.9	19.2
113082 2002 RW_{64}			7 23.3 342.°93		2.°4/22.3 18	
6 20	20 30.55	−21 16.6	1.059	1.974	17.6	18.3
6 30	20 27.98	−22 9.5	0.994	1.960	13.0	18.0
7 10	20 22.32	−23 13.1	0.948	1.948	7.7	17.7
7 20	20 14.39	−24 20.3	0.923	1.937	2.8	17.4
7 30	20 5.62	−25 22.0	0.920	1.928	5.3	17.5
8 9	19 57.78	−26 10.6	0.938	1.920	10.9	17.8
8 19	19 52.35	−26 41.9	0.977	1.913	16.1	18.0
8 29	19 50.41	−26 55.2	1.032	1.908	20.6	18.3
480540 2015 MH_{45}			7 23.3 61.°13		2.°6/21.6 18	
6 20	20 34.38	−24 27.5	2.073	2.954	11.8	21.0
6 30	20 29.38	−25 27.6	2.008	2.957	8.6	20.8
7 10	20 22.49	−26 30.4	1.968	2.961	5.2	20.6
7 20	20 14.34	−27 30.5	1.955	2.965	2.7	20.4
7 30	20 5.80	−28 23.1	1.968	2.968	4.2	20.5
8 9	19 57.86	−29 4.6	2.009	2.972	7.5	20.7
8 19	19 51.36	−29 33.4	2.075	2.976	10.7	20.9
8 29	19 46.96	−29 49.4	2.163	2.980	13.4	21.1
108448 2001 KS_{47}			7 23.3 44.°05		1.°4/22.8 17	
6 20	20 38.11	−21 35.8	1.192	2.092	17.2	19.5
6 30	20 32.82	−21 59.6	1.150	2.108	12.6	19.3
7 10	20 24.72	−22 28.6	1.128	2.125	7.3	19.0
7 20	20 14.90	−22 57.1	1.129	2.143	2.1	18.8
7 30	20 4.85	−23 19.8	1.153	2.162	4.2	19.0
8 9	19 56.10	−23 33.1	1.201	2.180	9.3	19.3
8 19	19 49.81	−23 36.2	1.271	2.200	13.8	19.6
8 29	19 46.67	−23 29.7	1.360	2.220	17.6	19.9
161547 2004 XS_{29}			7 23.3 163.°30		4.°7/25.6 18	
6 20	20 36.82	− 6 45.0	2.133	2.965	13.3	20.2
6 30	20 30.92	− 6 13.3	2.059	2.969	10.5	20.0
7 10	20 23.29	− 5 53.6	2.009	2.972	7.6	19.8
7 20	20 14.53	− 5 46.3	1.984	2.975	5.2	19.7
7 30	20 5.46	− 5 50.6	1.986	2.978	5.0	19.7
8 9	19 56.95	− 6 4.6	2.015	2.981	7.2	19.8
8 19	19 49.78	− 6 25.7	2.070	2.983	10.1	20.0
8 29	19 44.54	− 6 50.9	2.149	2.984	12.9	20.2
481078 2005 SB_{37}			7 23.3 273.°53		4.°6/20.7 18	
6 20	20 37.25	−32 16.9	2.198	3.074	11.4	21.6
6 30	20 31.55	−32 57.8	2.123	3.063	8.7	21.4
7 10	20 23.81	−33 34.9	2.071	3.053	6.1	21.2
7 20	20 14.69	−34 3.0	2.046	3.042	4.6	21.1
7 30	20 5.12	−34 18.2	2.047	3.031	5.7	21.1
8 9	19 56.18	−34 18.4	2.075	3.021	8.4	21.3
8 19	19 48.76	−34 3.9	2.128	3.010	11.2	21.4
8 29	19 43.59	−33 36.7	2.202	2.999	13.8	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
38436 1999 RS_{241}			7 23.3 67.°66		0.°4/23.2 18	
	h m	° ′			°	m
6 20	20 37.31	−19 42.3	1.639	2.520	14.3	19.0
6 30	20 31.67	−20 1.2	1.585	2.534	10.5	18.8
7 10	20 23.85	−20 25.6	1.554	2.548	6.1	18.6
7 20	20 14.67	−20 51.7	1.548	2.562	1.5	18.3
7 30	20 5.24	−21 15.6	1.568	2.577	3.2	18.4
8 9	19 56.71	−21 34.2	1.614	2.591	7.6	18.8
8 19	19 50.02	−21 45.9	1.684	2.606	11.5	19.0
8 29	19 45.84	−21 50.4	1.776	2.620	14.8	19.3
253116 2002 UX_{69}			7 23.3 200.°81		4.°5/20.6 18	
6 20	20 40.72	−30 5.4	2.033	2.907	12.3	21.3
6 30	20 34.25	−31 10.7	1.962	2.903	9.2	21.1
7 10	20 25.48	−32 14.5	1.915	2.899	6.2	20.9
7 20	20 15.13	−33 10.2	1.894	2.893	4.6	20.8
7 30	20 4.24	−33 52.3	1.901	2.887	5.9	20.9
8 9	19 53.98	−34 17.6	1.935	2.881	8.9	21.0
8 19	19 45.42	−34 25.6	1.994	2.873	12.0	21.2
8 29	19 39.35	−34 18.5	2.074	2.865	14.8	21.4
389093 2008 XB_{38}			7 23.3 147.°08		0.°6/23.0 17	
6 20	20 37.05	−20 30.2	2.174	3.043	11.7	21.7
6 30	20 31.12	−20 49.2	2.107	3.050	8.6	21.5
7 10	20 23.41	−21 11.9	2.064	3.057	5.0	21.3
7 20	20 14.56	−21 35.1	2.048	3.063	1.3	21.1
7 30	20 5.43	−21 55.9	2.061	3.069	2.7	21.2
8 9	19 56.93	−22 11.9	2.101	3.074	6.4	21.4
8 19	19 49.85	−22 21.8	2.167	3.079	9.7	21.7
8 29	19 44.79	−22 25.4	2.257	3.084	12.6	21.9
191052 2002 CC_{70}			7 23.3 20.°64		3.°0/22.2 17	
6 20	20 38.20	−26 4.4	1.500	2.391	14.8	19.5
6 30	20 32.69	−26 26.8	1.440	2.394	10.9	19.3
7 10	20 24.63	−26 49.0	1.403	2.397	6.7	19.0
7 20	20 14.90	−27 5.9	1.389	2.400	3.2	18.8
7 30	20 4.78	−27 13.0	1.400	2.404	4.8	18.9
8 9	19 55.66	−27 8.1	1.437	2.408	9.0	19.2
8 19	19 48.65	−26 51.5	1.496	2.412	13.0	19.4
8 29	19 44.50	−26 25.2	1.576	2.417	16.5	19.7
470633 2008 SH_{55}			7 23.3 328.°00		1.°7/22.7 16	
6 20	20 34.34	−22 19.2	1.343	2.242	15.7	21.2
6 30	20 30.30	−22 39.6	1.267	2.225	11.6	20.9
7 10	20 23.48	−23 5.3	1.212	2.209	6.9	20.6
7 20	20 14.67	−23 31.4	1.179	2.194	2.2	20.2
7 30	20 5.12	−23 52.7	1.171	2.179	4.3	20.3
8 9	19 56.34	−24 5.1	1.186	2.165	9.4	20.6
8 19	19 49.63	−24 6.9	1.223	2.153	14.2	20.8
8 29	19 45.97	−23 58.2	1.280	2.141	18.3	21.0
165570 2001 DX_{91}			7 23.3 103.°20		1.°9/22.4 17	
6 20	20 38.03	−24 3.8	1.892	2.771	12.8	20.5
6 30	20 32.06	−24 28.1	1.832	2.780	9.4	20.3
7 10	20 24.04	−24 53.7	1.796	2.789	5.6	20.0
7 20	20 14.73	−25 16.5	1.785	2.798	2.2	19.8
7 30	20 5.14	−25 32.8	1.802	2.807	3.7	20.0
8 9	19 56.34	−25 40.5	1.846	2.815	7.4	20.2
8 19	19 49.24	−25 39.0	1.914	2.824	10.9	20.4
8 29	19 44.48	−25 29.1	2.005	2.832	13.9	20.7
397418 2006 YG_{40}			7 23.4 224.°06		1.°8/22.0 18	
6 20	20 34.13	−22 45.6	2.337	3.211	10.8	21.2
6 30	20 29.06	−23 39.9	2.261	3.207	7.9	21.0
7 10	20 22.27	−24 38.0	2.210	3.203	4.7	20.8
7 20	20 14.30	−25 35.5	2.186	3.198	2.0	20.6
7 30	20 5.92	−26 28.2	2.190	3.193	3.4	20.7
8 9	19 58.00	−27 12.5	2.223	3.188	6.7	20.9
8 19	19 51.30	−27 46.4	2.281	3.183	9.8	21.0
8 29	19 46.48	−28 9.5	2.362	3.178	12.5	21.2
77374 2001 FT_{136}			7 23.4 34.°75		3.°9/20.9 18	
6 20	20 35.53	−25 54.4	1.716	2.605	13.4	18.7
6 30	20 30.63	−27 16.5	1.656	2.608	9.9	18.5
7 10	20 23.41	−28 41.1	1.620	2.611	6.2	18.3
7 20	20 14.62	−30 1.1	1.609	2.615	3.9	18.2
7 30	20 5.33	−31 9.4	1.624	2.619	5.6	18.3
8 9	19 56.76	−32 1.1	1.666	2.623	9.1	18.5
8 19	19 49.98	−32 34.6	1.730	2.628	12.6	18.7
8 29	19 45.75	−32 50.9	1.816	2.632	15.6	19.0
47208 1999 TL_{253}			7 23.4 60.°98		4.°6/21.5 17	
6 20	20 40.55	−28 42.3	1.420	2.312	15.5	19.4
6 30	20 34.64	−29 24.7	1.363	2.315	11.5	19.2
7 10	20 25.88	−30 5.0	1.328	2.318	7.4	19.0
7 20	20 15.25	−30 36.2	1.316	2.322	4.6	18.8
7 30	20 4.17	−30 52.4	1.329	2.326	6.3	18.9
8 9	19 54.20	−30 51.0	1.366	2.329	10.2	19.2
8 19	19 46.58	−30 33.1	1.426	2.333	14.1	19.4
8 29	19 42.12	−30 1.8	1.505	2.337	17.6	19.7

6216 San Jose 7 23.4 250°.97 2°.1/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 36.56	−24 7.8	2.019	2.897	12.1	17.6
6 30	20 31.09	−24 40.6	1.941	2.888	8.9	17.3
7 10	20 23.57	−25 15.6	1.886	2.879	5.4	17.1
7 20	20 14.66	−25 48.5	1.858	2.870	2.3	16.9
7 30	20 5.27	−26 15.4	1.858	2.861	3.8	17.0
8 9	19 56.47	−26 33.2	1.884	2.852	7.4	17.2
8 19	19 49.16	−26 40.8	1.935	2.842	11.0	17.4
8 29	19 44.08	−26 38.6	2.009	2.833	14.0	17.6

250980 2006 JM_{35} 7 23.4 51°.93 5°.0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.85	− 8 26.2	1.141	2.018	19.5	20.2
6 30	20 31.84	− 8 18.7	1.099	2.037	15.1	20.0
7 10	20 24.15	− 8 32.0	1.074	2.056	10.2	19.8
7 20	20 14.79	− 9 4.6	1.071	2.075	6.0	19.6
7 30	20 5.17	− 9 51.8	1.091	2.095	5.6	19.6
8 9	19 56.75	−10 47.1	1.134	2.115	9.4	19.9
8 19	19 50.66	−11 44.1	1.199	2.136	13.7	20.2
8 29	19 47.60	−12 37.4	1.284	2.157	17.5	20.5

162345 1999 XT_{162} 7 23.4 149°.10 0°.2/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.33	−18 14.4	1.996	2.868	12.5	20.0
6 30	20 30.06	−18 48.5	1.927	2.871	9.2	19.8
7 10	20 22.90	−19 29.4	1.881	2.874	5.4	19.6
7 20	20 14.49	−20 13.5	1.862	2.877	1.4	19.3
7 30	20 5.70	−20 56.8	1.870	2.879	2.8	19.4
8 9	19 57.52	−21 35.5	1.906	2.882	6.7	19.7
8 19	19 50.78	−22 7.3	1.967	2.884	10.3	19.9
8 29	19 46.15	−22 31.1	2.050	2.886	13.4	20.1

384330 2009 SD_{330} 7 23.4 335°.13 2°.2/24.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.71	−15 23.8	1.121	2.023	17.9	19.8
6 30	20 28.67	−15 14.7	1.048	2.005	13.6	19.5
7 10	20 22.68	−15 18.2	0.993	1.988	8.5	19.2
7 20	20 14.53	−15 32.8	0.959	1.972	3.3	18.8
7 30	20 5.55	−15 54.9	0.948	1.958	4.2	18.8
8 9	19 57.36	−16 19.9	0.958	1.945	9.7	19.1
8 19	19 51.38	−16 43.6	0.989	1.934	15.1	19.3
8 29	19 48.69	−17 2.8	1.037	1.924	19.7	19.6

231762 1999 UT_{21} 7 23.4 25°.55 0°.5/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.80	−19 45.7	1.644	2.527	14.1	20.8
6 30	20 30.73	−20 8.0	1.579	2.529	10.4	20.6
7 10	20 23.42	−20 36.5	1.537	2.532	6.1	20.3
7 20	20 14.64	−21 7.2	1.520	2.535	1.6	20.0
7 30	20 5.45	−21 35.8	1.529	2.538	3.3	20.2
8 9	19 57.05	−21 59.0	1.563	2.541	7.7	20.4
8 19	19 50.41	−22 14.7	1.622	2.545	11.8	20.7
8 29	19 46.28	−22 22.4	1.702	2.548	15.2	20.9

258680 2002 EN_{149} 7 23.4 228°.45 2°.9/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.36	−11 24.6	1.576	2.440	15.7	20.9
6 30	20 32.04	−11 36.0	1.499	2.434	12.0	20.6
7 10	20 24.32	−12 2.0	1.443	2.427	7.8	20.4
7 20	20 14.90	−12 40.5	1.411	2.420	3.7	20.1
7 30	20 4.87	−13 27.7	1.405	2.413	3.9	20.1
8 9	19 55.48	−14 18.9	1.425	2.405	8.1	20.3
8 19	19 47.85	−15 9.2	1.470	2.397	12.4	20.6
8 29	19 42.82	−15 55.1	1.535	2.388	16.2	20.8

342230 2008 SO_{268} 7 23.4 323°.51 0°.6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.43	−12 59.7	1.394	2.279	16.1	19.6
6 30	20 28.11	−14 19.4	1.311	2.260	12.1	19.3
7 10	20 22.24	−16 0.9	1.248	2.242	7.4	19.0
7 20	20 14.42	−17 58.6	1.210	2.224	2.1	18.6
7 30	20 5.73	−20 3.7	1.197	2.207	3.5	18.6
8 9	19 57.51	−22 5.4	1.210	2.191	8.9	18.9
8 19	19 51.07	−23 55.0	1.246	2.176	13.9	19.2
8 29	19 47.45	−25 26.8	1.302	2.162	18.2	19.4

321765 2010 OE_{19} 7 23.4 270°.07 3°.4/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.81	− 7 27.9	2.337	3.176	12.1	20.8
6 30	20 27.30	− 7 41.7	2.249	3.165	9.5	20.6
7 10	20 21.23	− 8 8.4	2.183	3.154	6.6	20.4
7 20	20 14.08	− 8 47.1	2.143	3.143	4.0	20.2
7 30	20 6.52	− 9 35.4	2.131	3.132	3.8	20.2
8 9	19 59.33	−10 29.9	2.146	3.120	6.2	20.3
8 19	19 53.22	−11 27.0	2.188	3.109	9.2	20.5
8 29	19 48.78	−12 23.1	2.253	3.098	12.0	20.6

21638 Nicjachowski 7 23.4 335°.97 1°.7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.15	−22 4.9	1.049	1.962	17.9	17.9
6 30	20 29.99	−22 22.7	0.981	1.946	13.3	17.6
7 10	20 23.58	−22 47.1	0.931	1.931	7.9	17.2
7 20	20 14.78	−23 12.8	0.902	1.917	2.4	16.9
7 30	20 5.11	−23 33.3	0.895	1.904	4.8	17.0
8 9	19 56.41	−23 43.9	0.910	1.893	10.7	17.3
8 19	19 50.23	−23 42.7	0.944	1.884	16.2	17.5
8 29	19 47.66	−23 29.7	0.995	1.876	20.8	17.8

435734 2008 UV_{115} 7 23.4 353°.64 9°.8/19.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.01	−38 58.2	1.271	2.165	16.7	20.3
6 30	20 33.45	−40 6.3	1.218	2.160	13.6	20.1
7 10	20 25.50	−41 2.0	1.184	2.155	10.9	19.9
7 20	20 15.23	−41 35.0	1.172	2.151	9.8	19.8
7 30	20 4.37	−41 37.8	1.182	2.148	11.2	19.9
8 9	19 54.84	−41 9.3	1.212	2.147	14.0	20.1
8 19	19 48.14	−40 13.3	1.263	2.147	17.2	20.3
8 29	19 45.14	−38 56.9	1.330	2.147	20.2	20.5

421094 2013 QR_{54} 7 23.4 9°.87 1°.5/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.85	−20 34.1	1.145	2.050	17.4	20.1
6 30	20 30.80	−21 12.6	1.090	2.051	12.8	19.8
7 10	20 23.80	−21 59.7	1.054	2.053	7.5	19.5
7 20	20 14.78	−22 49.1	1.041	2.055	2.2	19.2
7 30	20 5.22	−23 33.6	1.050	2.059	4.5	19.4
8 9	19 56.73	−24 7.8	1.082	2.063	9.9	19.7
8 19	19 50.65	−24 28.9	1.136	2.068	14.7	20.0
8 29	19 47.83	−24 36.7	1.208	2.074	18.8	20.3

519964 2013 TL_{159} 7 23.4 305°.71 2°.4/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.85	−11 57.1	1.401	2.280	16.4	20.8
6 30	20 29.78	−12 24.6	1.322	2.265	12.5	20.5
7 10	20 23.16	−13 9.4	1.263	2.252	8.0	20.2
7 20	20 14.65	−14 9.0	1.227	2.238	3.4	19.9
7 30	20 5.38	−15 18.0	1.215	2.225	3.8	19.9
8 9	19 56.71	−16 29.8	1.228	2.212	8.6	20.2
8 19	19 49.87	−17 38.1	1.265	2.199	13.4	20.4
8 29	19 45.84	−18 38.2	1.321	2.187	17.6	20.6

168650 2000 DN_{63} 7 23.4 131°.07 0°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.45	−20 3.5	1.991	2.865	12.5	20.1
6 30	20 30.86	−20 16.8	1.923	2.868	9.2	19.9
7 10	20 23.36	−20 34.5	1.879	2.872	5.4	19.7
7 20	20 14.62	−20 53.5	1.860	2.875	1.4	19.4
7 30	20 5.55	−21 10.6	1.869	2.878	2.8	19.5
8 9	19 57.15	−21 23.6	1.905	2.880	6.7	19.8
8 19	19 50.26	−21 31.0	1.966	2.883	10.3	20.0
8 29	19 45.51	−21 32.5	2.050	2.886	13.4	20.2

450108 2015 RH_{105} 7 23.4 301°.77 0°.8/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.67	−16 49.1	2.064	2.934	12.2	22.0
6 30	20 28.99	−16 56.2	1.968	2.910	9.2	21.8
7 10	20 22.39	−17 10.3	1.895	2.886	5.6	21.5
7 20	20 14.41	−17 29.3	1.848	2.861	1.8	21.2
7 30	20 5.87	−17 50.6	1.828	2.837	2.7	21.3
8 9	19 57.72	−18 11.4	1.835	2.813	6.7	21.5
8 19	19 50.85	−18 29.6	1.867	2.790	10.5	21.7
8 29	19 46.00	−18 43.5	1.922	2.766	13.8	21.8

79739 1998 SP_{139} 7 23.4 258°.38 0°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.43	−17 58.6	1.651	2.527	14.5	19.3
6 30	20 32.78	−17 58.4	1.572	2.517	10.8	19.1
7 10	20 24.73	−18 4.8	1.515	2.507	6.5	18.8
7 20	20 15.02	−18 15.3	1.483	2.497	1.9	18.5
7 30	20 4.73	−18 26.7	1.477	2.486	3.2	18.5
8 9	19 55.11	−18 36.4	1.497	2.475	7.9	18.8
8 19	19 47.27	−18 42.4	1.541	2.464	12.2	19.0
8 29	19 42.03	−18 43.9	1.606	2.453	15.9	19.2

465275 2007 TR_{163} 7 23.4 325°.13 0°.6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.24	−19 9.7	0.996	1.911	18.5	20.3
6 30	20 28.85	−19 32.9	0.917	1.883	13.9	20.0
7 10	20 23.12	−20 8.8	0.857	1.857	8.4	19.6
7 20	20 14.74	−20 53.1	0.817	1.832	2.2	19.1
7 30	20 5.13	−21 38.7	0.797	1.808	4.6	19.2
8 9	19 56.21	−22 18.1	0.798	1.785	11.2	19.5
8 19	19 49.76	−22 46.3	0.818	1.764	17.2	19.7
8 29	19 47.13	−23 0.8	0.854	1.744	22.5	19.9

305374 2008 CA_{11} 7 23.4 195°.74 2°.2/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.30	−25 31.4	2.322	3.196	10.9	21.0
6 30	20 30.61	−25 58.9	2.249	3.194	8.0	20.8
7 10	20 23.17	−26 26.9	2.201	3.193	4.9	20.6
7 20	20 14.58	−26 51.5	2.180	3.191	2.3	20.5
7 30	20 5.66	−27 9.6	2.187	3.189	3.6	20.6
8 9	19 57.30	−27 19.1	2.222	3.187	6.7	20.8
8 19	19 50.29	−27 19.5	2.283	3.184	9.8	20.9
8 29	19 45.24	−27 11.2	2.366	3.182	12.5	21.1

387012 2012 RR_{18} 7 23.4 275°.99 7°.2/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.04	+ 0 29.6	1.848	2.663	15.7	20.8
6 30	20 28.58	+ 0 37.4	1.762	2.652	13.1	20.6
7 10	20 22.17	+ 0 24.0	1.697	2.640	10.3	20.4
7 20	20 14.36	− 0 11.8	1.654	2.629	7.9	20.3
7 30	20 6.02	− 1 8.8	1.636	2.617	7.3	20.2
8 9	19 58.12	− 2 22.8	1.644	2.605	8.9	20.3
8 19	19 51.57	− 3 48.0	1.676	2.594	11.8	20.4
8 29	19 47.12	− 5 17.8	1.731	2.582	14.8	20.6

68162 2001 BY_{21} 7 23.4 303°89 1°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.99	−15 43.0	1.302	2.191	16.8	19.0
6 30	20 31.55	−15 47.5	1.225	2.175	12.7	18.7
7 10	20 24.29	−16 3.9	1.167	2.160	7.9	18.4
7 20	20 14.97	−16 29.5	1.132	2.146	2.7	18.0
7 30	20 4.83	−17 0.3	1.121	2.131	3.8	18.0
8 9	19 55.41	−17 31.4	1.134	2.117	9.2	18.3
8 19	19 48.05	−17 59.2	1.168	2.103	14.2	18.6
8 29	19 43.77	−18 21.0	1.222	2.090	18.6	18.8

198412 2004 VD_{63} 7 23.4 258°96 0°7/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.33	−19 51.7	1.876	2.753	13.0	20.4
6 30	20 31.06	−20 20.9	1.794	2.741	9.6	20.2
7 10	20 23.66	−20 56.4	1.736	2.729	5.7	19.9
7 20	20 14.75	−21 34.2	1.703	2.717	1.5	19.6
7 30	20 5.29	−22 10.2	1.697	2.705	3.2	19.7
8 9	19 56.38	−22 40.7	1.717	2.693	7.4	20.0
8 19	19 48.99	−23 3.4	1.763	2.680	11.3	20.2
8 29	19 43.92	−23 17.5	1.831	2.667	14.7	20.4

37485 2211 $T\text{-}_{1}$ 7 23.4 300°38 3°6/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.81	−28 27.1	2.034	2.916	11.9	18.8
6 30	20 30.62	−29 4.8	1.957	2.904	8.9	18.6
7 10	20 23.35	−29 41.5	1.903	2.892	5.7	18.4
7 20	20 14.66	−30 12.5	1.875	2.881	3.6	18.2
7 30	20 5.49	−30 33.3	1.874	2.869	4.9	18.3
8 9	19 56.92	−30 41.6	1.899	2.858	8.1	18.4
8 19	19 49.88	−30 36.8	1.949	2.847	11.4	18.6
8 29	19 45.11	−30 20.3	2.020	2.836	14.3	18.8

326670 2002 UU_{39} 7 23.4 322°35 5°9/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.74	−29 39.1	1.284	2.186	16.1	19.8
6 30	20 32.41	−30 43.7	1.216	2.172	12.2	19.5
7 10	20 24.93	−31 48.1	1.168	2.159	8.2	19.3
7 20	20 15.15	−32 43.2	1.143	2.146	5.9	19.1
7 30	20 4.54	−33 20.5	1.141	2.134	7.8	19.2
8 9	19 54.85	−33 35.1	1.162	2.123	11.9	19.4
8 19	19 47.58	−33 27.0	1.204	2.112	16.1	19.6
8 29	19 43.79	−32 59.5	1.263	2.102	19.9	19.8

250738 2005 SK_{92} 7 23.4 250°30 4°5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.57	− 4 21.2	2.552	3.371	11.8	21.2
6 30	20 27.76	− 4 12.9	2.458	3.357	9.5	21.0
7 10	20 21.48	− 4 17.2	2.387	3.343	7.0	20.8
7 20	20 14.18	− 4 34.1	2.341	3.328	5.0	20.7
7 30	20 6.49	− 5 2.6	2.324	3.313	4.7	20.6
8 9	19 59.13	− 5 40.5	2.333	3.298	6.5	20.7
8 19	19 52.74	− 6 24.7	2.369	3.282	9.0	20.9
8 29	19 47.90	− 7 11.9	2.430	3.266	11.5	21.0

193532 2000 YC_{96} 7 23.4 220°98 0°5/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.22	−16 43.1	2.175	3.039	12.0	21.2
6 30	20 30.68	−17 6.5	2.092	3.030	8.9	21.0
7 10	20 23.31	−17 37.0	2.032	3.022	5.3	20.8
7 20	20 14.67	−18 12.2	1.999	3.013	1.6	20.5
7 30	20 5.58	−18 48.5	1.994	3.003	2.6	20.6
8 9	19 56.96	−19 22.8	2.017	2.993	6.4	20.8
8 19	19 49.63	−19 52.7	2.066	2.983	9.9	21.0
8 29	19 44.29	−20 16.7	2.139	2.972	13.0	21.2

280057 2002 CS_{61} 7 23.4 160°26 1°7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.49	−21 37.4	2.152	3.023	11.8	21.4
6 30	20 31.62	−22 42.3	2.085	3.029	8.6	21.2
7 10	20 23.85	−23 51.9	2.042	3.034	5.1	21.0
7 20	20 14.81	−25 1.3	2.027	3.039	1.9	20.8
7 30	20 5.35	−26 5.0	2.040	3.044	3.5	20.9
8 9	19 56.46	−26 59.1	2.082	3.048	7.0	21.1
8 19	19 48.98	−27 41.3	2.150	3.051	10.3	21.3
8 29	19 43.59	−28 11.3	2.241	3.054	13.1	21.5

467305 2016 EM_{200} 7 23.4 37°57 4°7/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.95	−27 3.5	1.123	2.030	17.5	20.1
6 30	20 33.04	−28 0.9	1.085	2.045	12.9	19.9
7 10	20 25.05	−28 57.7	1.066	2.060	8.1	19.7
7 20	20 15.11	−29 45.3	1.069	2.077	4.8	19.5
7 30	20 4.89	−30 16.3	1.095	2.094	6.7	19.7
8 9	19 56.09	−30 27.6	1.143	2.113	11.0	20.0
8 19	19 49.96	−30 20.1	1.213	2.131	15.2	20.3
8 29	19 47.24	−29 57.3	1.301	2.150	18.8	20.6

425067 2009 RP_{20} 7 23.4 330°13 4°7/21.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.45	−28 27.5	1.331	2.231	15.8	20.9
6 30	20 32.70	−29 10.0	1.265	2.221	11.9	20.7
7 10	20 24.98	−29 51.7	1.219	2.212	7.7	20.4
7 20	20 15.16	−30 25.3	1.196	2.203	4.8	20.2
7 30	20 4.66	−30 44.0	1.197	2.195	6.6	20.3
8 9	19 55.14	−30 44.4	1.222	2.188	10.8	20.5
8 19	19 47.96	−30 27.0	1.267	2.181	15.0	20.7
8 29	19 44.05	−29 54.7	1.332	2.175	18.8	21.0

40235 1998 UX_{7} 7 23.4 322°11 5°8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 31.10	− 2 35.8	2.154	2.978	13.5	18.0
6 30	20 26.88	− 2 18.2	2.071	2.969	11.0	17.8
7 10	20 21.04	− 2 16.3	2.009	2.961	8.4	17.7
7 20	20 14.09	− 2 30.4	1.972	2.953	6.3	17.5
7 30	20 6.75	− 2 59.9	1.960	2.945	5.9	17.5
8 9	19 59.83	− 3 41.9	1.974	2.937	7.5	17.6
8 19	19 54.06	− 4 32.6	2.014	2.930	10.1	17.7
8 29	19 50.05	− 5 27.9	2.076	2.923	12.8	17.9

120425 2113 $T\text{-}_{2}$ 7 23.4 254°32 0°7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.97	−16 23.9	2.613	3.472	10.4	21.1
6 30	20 28.82	−16 39.9	2.517	3.453	7.7	20.9
7 10	20 22.13	−17 2.0	2.446	3.435	4.7	20.7
7 20	20 14.37	−17 28.2	2.402	3.416	1.5	20.5
7 30	20 6.19	−17 56.1	2.387	3.396	2.2	20.5
8 9	19 58.34	−18 23.3	2.401	3.376	5.5	20.7
8 19	19 51.49	−18 47.8	2.441	3.356	8.7	20.9
8 29	19 46.26	−19 8.2	2.506	3.336	11.4	21.0

54972 2001 PY_{42} 7 23.4 286°89 4°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.71	− 8 48.1	2.015	2.862	13.4	18.2
6 30	20 29.69	− 8 19.7	1.925	2.846	10.6	18.0
7 10	20 22.79	− 8 2.3	1.857	2.829	7.4	17.7
7 20	20 14.56	− 7 56.2	1.814	2.813	4.8	17.5
7 30	20 5.82	− 8 0.8	1.797	2.796	4.7	17.5
8 9	19 57.51	− 8 14.2	1.808	2.779	7.4	17.6
8 19	19 50.50	− 8 33.9	1.843	2.763	10.7	17.8
8 29	19 45.50	− 8 57.0	1.900	2.746	13.9	18.0

129661 1998 QR_{54} 7 23.4 356°86 15°1/ 2.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 16.55	+ 7 28.8	0.881	1.745	24.9	18.0
6 30	20 17.59	+ 8 30.8	0.825	1.731	22.3	17.7
7 10	20 16.14	+ 8 49.5	0.782	1.721	19.4	17.5
7 20	20 12.91	+ 8 17.1	0.753	1.714	16.8	17.3
7 30	20 9.07	+ 6 51.6	0.740	1.710	15.3	17.3
8 9	20 6.07	+ 4 40.4	0.744	1.710	15.5	17.3
8 19	20 5.13	+ 1 57.8	0.765	1.714	17.6	17.4
8 29	20 7.19	− 0 57.5	0.803	1.722	20.5	17.6

481211 2005 VK_{32} 7 23.4 249°96 0°8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.13	−21 0.8	2.477	3.347	10.5	22.5
6 30	20 29.01	−21 27.5	2.392	3.336	7.7	22.3
7 10	20 22.26	−21 57.9	2.332	3.324	4.5	22.0
7 20	20 14.41	−22 29.2	2.298	3.312	1.3	21.8
7 30	20 6.16	−22 58.1	2.293	3.300	2.6	21.9
8 9	19 58.33	−23 22.2	2.316	3.288	6.0	22.1
8 19	19 51.63	−23 40.0	2.366	3.276	9.1	22.3
8 29	19 46.68	−23 50.7	2.439	3.263	11.9	22.4

504897 2010 XB_{69} 7 23.4 249°19 1°3/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.50	−14 44.2	1.716	2.584	14.4	22.1
6 30	20 32.12	−15 5.5	1.630	2.570	10.8	21.9
7 10	20 24.41	−15 38.1	1.566	2.556	6.7	21.6
7 20	20 15.02	−16 19.1	1.528	2.541	2.4	21.3
7 30	20 4.94	−17 4.5	1.516	2.525	3.2	21.3
8 9	19 55.38	−17 49.7	1.530	2.509	7.7	21.6
8 19	19 47.43	−18 30.9	1.569	2.493	12.0	21.8
8 29	19 41.96	−19 5.7	1.630	2.476	15.8	22.0

481212 2005 VZ_{32} 7 23.4 290°92 4°7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.34	−31 4.2	2.164	3.043	11.4	20.6
6 30	20 30.28	−32 10.6	2.090	3.034	8.6	20.4
7 10	20 23.19	−33 15.3	2.041	3.024	6.0	20.2
7 20	20 14.67	−34 12.6	2.018	3.014	4.7	20.1
7 30	20 5.65	−34 57.1	2.023	3.005	6.0	20.2
8 9	19 57.16	−35 25.7	2.053	2.995	8.6	20.3
8 19	19 50.12	−35 37.7	2.107	2.986	11.5	20.5
8 29	19 45.30	−35 34.4	2.183	2.977	14.1	20.7

165041 2000 DG_{100} 7 23.4 191°36 1°5/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.89	−22 6.4	2.049	2.926	12.1	20.2
6 30	20 30.53	−22 46.4	1.978	2.925	8.8	20.0
7 10	20 23.25	−23 30.2	1.931	2.924	5.2	19.8
7 20	20 14.67	−24 13.7	1.910	2.924	1.8	19.6
7 30	20 5.69	−24 52.7	1.917	2.923	3.4	19.7
8 9	19 57.30	−25 23.8	1.951	2.921	7.1	19.9
8 19	19 50.36	−25 45.3	2.010	2.920	10.5	20.1
8 29	19 45.55	−25 57.0	2.092	2.918	13.5	20.3

115082 2003 SP_{6} 7 23.4 240°22 3°8/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.43	− 9 21.8	1.707	2.560	15.2	20.3
6 30	20 32.02	− 9 20.8	1.622	2.548	11.8	20.1
7 10	20 24.32	− 9 34.4	1.558	2.536	8.0	19.8
7 20	20 14.99	−10 1.7	1.519	2.523	4.6	19.6
7 30	20 5.02	−10 40.3	1.505	2.509	4.5	19.6
8 9	19 55.56	−11 26.1	1.519	2.495	8.0	19.8
8 19	19 47.69	−12 14.7	1.556	2.481	12.0	20.0
8 29	19 42.25	−13 2.1	1.616	2.466	15.7	20.2

318267 2004 SG_{30} 7 23.4 229.°72 3.°0/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.82	−29 22.9	2.778	3.646	9.5	21.3
6 30	20 30.13	−29 54.7	2.697	3.637	7.1	21.1
7 10	20 22.87	−30 24.6	2.641	3.627	4.6	20.9
7 20	20 14.56	−30 49.1	2.614	3.617	3.0	20.8
7 30	20 5.91	−31 5.4	2.614	3.606	4.0	20.8
8 9	19 57.71	−31 11.7	2.643	3.595	6.5	21.0
8 19	19 50.64	−31 7.7	2.698	3.584	9.0	21.1
8 29	19 45.29	−30 54.3	2.776	3.573	11.3	21.3

425610 2010 UQ_{94} 7 23.4 273.°77 12.°6/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 45.45	−44 13.4	1.560	2.424	15.8	20.1
6 30	20 39.77	−47 4.5	1.494	2.403	13.8	20.0
7 10	20 29.98	−49 46.9	1.451	2.381	12.7	19.8
7 20	20 16.67	−52 4.9	1.432	2.358	13.1	19.8
7 30	20 1.43	−53 45.0	1.436	2.335	14.8	19.9
8 9	19 46.65	−54 41.1	1.461	2.312	17.2	20.0
8 19	19 34.67	−54 55.0	1.504	2.289	19.8	20.1
8 29	19 27.20	−54 34.4	1.561	2.265	22.2	20.2

257687 1999 VL_{182} 7 23.4 271.°56 1.°5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.36	−21 33.6	1.578	2.462	14.6	21.8
6 30	20 33.05	−22 6.9	1.494	2.444	10.8	21.5
7 10	20 25.10	−22 46.5	1.431	2.426	6.5	21.2
7 20	20 15.22	−23 27.3	1.394	2.408	2.0	20.9
7 30	20 4.55	−24 3.9	1.382	2.389	4.0	21.0
8 9	19 54.48	−24 31.8	1.396	2.371	8.8	21.2
8 19	19 46.25	−24 48.7	1.434	2.352	13.3	21.4
8 29	19 40.86	−24 54.3	1.492	2.333	17.2	21.6

472040 2013 YS_{37} 7 23.4 156.°56 3.°7/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.83	− 8 55.2	2.187	3.026	12.8	21.3
6 30	20 30.93	− 8 35.3	2.115	3.031	10.0	21.1
7 10	20 23.35	− 8 26.0	2.066	3.037	6.9	20.9
7 20	20 14.69	− 8 27.0	2.043	3.042	4.3	20.7
7 30	20 5.73	− 8 37.1	2.047	3.046	4.2	20.7
8 9	19 57.33	− 8 54.2	2.080	3.050	6.7	20.9
8 19	19 50.24	− 9 15.8	2.138	3.054	9.7	21.1
8 29	19 45.05	− 9 39.2	2.220	3.057	12.5	21.3

377590 2005 NG_{102} 7 23.4 333.°21 0.°3/23.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.46	−17 29.3	1.139	2.044	17.4	20.6
6 30	20 28.54	−17 53.4	1.065	2.026	13.0	20.2
7 10	20 22.69	−18 30.8	1.011	2.009	7.9	19.9
7 20	20 14.64	−19 17.2	0.978	1.993	2.1	19.5
7 30	20 5.72	−20 6.4	0.967	1.978	3.9	19.6
8 9	19 57.55	−20 51.8	0.979	1.964	9.8	19.9
8 19	19 51.60	−21 28.6	1.011	1.952	15.2	20.1
8 29	19 48.94	−21 53.9	1.061	1.941	19.8	20.4

164754 1998 VQ_{10} 7 23.4 338.°20 7.°9/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 28.04	− 4 51.5	1.218	2.092	18.7	18.8
6 30	20 25.76	− 4 6.2	1.137	2.068	15.3	18.5
7 10	20 20.93	− 3 41.7	1.074	2.045	11.7	18.2
7 20	20 14.18	− 3 41.1	1.030	2.023	8.7	18.0
7 30	20 6.60	− 4 5.3	1.008	2.003	8.2	17.9
8 9	19 59.59	− 4 50.9	1.007	1.985	10.9	18.0
8 19	19 54.43	− 5 51.9	1.026	1.968	15.0	18.2
8 29	19 52.16	− 7 0.3	1.064	1.954	19.1	18.4

358781 2008 DB_{82} 7 23.4 357.°92 4.°3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.57	−30 42.3	1.968	2.850	12.2	20.5
6 30	20 31.18	−31 21.1	1.903	2.849	9.2	20.3
7 10	20 23.68	−31 56.5	1.862	2.848	6.2	20.1
7 20	20 14.79	−32 23.5	1.846	2.847	4.4	20.0
7 30	20 5.54	−32 37.9	1.857	2.847	5.6	20.1
8 9	19 57.03	−32 37.8	1.894	2.847	8.5	20.2
8 19	19 50.20	−32 23.5	1.955	2.848	11.6	20.4
8 29	19 45.72	−31 57.1	2.037	2.848	14.3	20.6

446751 2015 PS_{3} 7 23.4 15.°46 12.°5/21.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 54.61	−52 7.6	1.560	2.393	17.3	19.4
6 30	20 45.12	−52 26.2	1.517	2.400	15.2	19.2
7 10	20 31.94	−52 18.4	1.492	2.408	13.4	19.2
7 20	20 16.81	−51 35.8	1.489	2.417	12.6	19.1
7 30	20 2.02	−50 15.5	1.508	2.427	13.0	19.2
8 9	19 49.62	−48 22.2	1.550	2.437	14.5	19.3
8 19	19 40.86	−46 5.1	1.614	2.449	16.5	19.5
8 29	19 36.20	−43 34.7	1.697	2.462	18.6	19.7

267749 2003 HO_{8} 7 23.4 14.°28 2.°7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.57	− 9 10.4	1.423	2.295	16.6	19.3
6 30	20 28.65	−10 5.4	1.359	2.297	12.7	19.0
7 10	20 22.39	−11 21.4	1.314	2.300	8.2	18.8
7 20	20 14.50	−12 54.1	1.293	2.303	3.8	18.5
7 30	20 6.10	−14 36.4	1.298	2.307	3.7	18.5
8 9	19 58.41	−16 19.8	1.328	2.311	8.1	18.8
8 19	19 52.52	−17 56.6	1.382	2.316	12.5	19.1
8 29	19 49.23	−19 21.4	1.457	2.322	16.3	19.3

513072 2017 WM_{20} 7 23.4 270.°41 3.°2/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.74	−25 0.1	1.603	2.491	14.2	20.7
6 30	20 32.50	−25 53.7	1.531	2.483	10.5	20.5
7 10	20 24.71	−26 50.6	1.482	2.476	6.5	20.2
7 20	20 15.12	−27 44.4	1.458	2.468	3.3	20.0
7 30	20 4.90	−28 28.8	1.459	2.461	5.1	20.1
8 9	19 55.41	−28 59.3	1.486	2.453	9.2	20.3
8 19	19 47.83	−29 14.4	1.537	2.445	13.2	20.5
8 29	19 43.03	−29 15.1	1.607	2.437	16.7	20.8

396208 2013 WP_{16} 7 23.4 138.°95 1.°6/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.16	−14 53.7	1.828	2.694	13.8	21.1
6 30	20 31.51	−14 55.8	1.760	2.698	10.3	20.8
7 10	20 23.84	−15 6.6	1.715	2.703	6.4	20.6
7 20	20 14.85	−15 24.0	1.695	2.707	2.5	20.4
7 30	20 5.50	−15 45.2	1.702	2.711	3.0	20.4
8 9	19 56.85	−16 7.2	1.736	2.714	7.0	20.7
8 19	19 49.79	−16 27.6	1.795	2.718	10.8	20.9
8 29	19 44.99	−16 44.7	1.876	2.721	14.1	21.1

196892 2003 SJ_{347} 7 23.4 19.°27 1.°8/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.16	−14 24.8	1.498	2.379	15.4	20.2
6 30	20 29.67	−14 36.2	1.436	2.382	11.6	20.0
7 10	20 22.90	−14 59.3	1.395	2.386	7.2	19.7
7 20	20 14.62	−15 31.3	1.378	2.391	2.7	19.5
7 30	20 5.94	−16 8.2	1.386	2.396	3.4	19.5
8 9	19 58.05	−16 45.7	1.419	2.402	7.8	19.8
8 19	19 51.97	−17 20.1	1.476	2.408	12.0	20.1
8 29	19 48.43	−17 48.8	1.554	2.415	15.7	20.3

257262 2009 FC_{49} 7 23.4 7.°19 1.°1/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 30.69	−15 8.4	0.970	1.881	19.2	19.6
6 30	20 28.03	−15 41.3	0.918	1.881	14.3	19.3
7 10	20 22.33	−16 31.9	0.885	1.882	8.7	19.0
7 20	20 14.52	−17 34.8	0.871	1.885	2.7	18.7
7 30	20 6.13	−18 42.1	0.879	1.890	4.0	18.8
8 9	19 58.84	−19 45.3	0.908	1.896	9.9	19.1
8 19	19 54.03	−20 38.3	0.957	1.904	15.3	19.4
8 29	19 52.59	−21 17.6	1.024	1.913	19.7	19.8

202962 1999 RU_{225} 7 23.4 341.°02 0.°8/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.49	−18 27.8	1.165	2.070	17.1	19.1
6 30	20 28.46	−18 18.5	1.092	2.052	12.8	18.8
7 10	20 22.58	−18 17.4	1.038	2.036	7.8	18.5
7 20	20 14.61	−18 22.0	1.006	2.020	2.3	18.1
7 30	20 5.89	−18 29.1	0.996	2.007	3.8	18.2
8 9	19 57.98	−18 35.0	1.008	1.995	9.5	18.4
8 19	19 52.25	−18 37.3	1.041	1.984	14.7	18.7
8 29	19 49.70	−18 34.5	1.092	1.976	19.2	18.9

141511 2002 EK_{90} 7 23.4 144.°08 0.°7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.33	−20 38.1	2.510	3.378	10.4	20.8
6 30	20 29.03	−21 6.7	2.441	3.384	7.6	20.6
7 10	20 22.21	−21 38.7	2.397	3.389	4.4	20.4
7 20	20 14.41	−22 11.3	2.380	3.395	1.2	20.2
7 30	20 6.35	−22 41.5	2.392	3.400	2.5	20.3
8 9	19 58.79	−23 6.9	2.433	3.405	5.7	20.5
8 19	19 52.39	−23 26.1	2.500	3.409	8.7	20.7
8 29	19 47.70	−23 38.4	2.590	3.414	11.3	20.9

275990 2001 XT_{128} 7 23.4 255.°39 0.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.51	−16 16.3	1.755	2.627	13.9	21.1
6 30	20 31.29	−16 33.7	1.675	2.618	10.4	20.9
7 10	20 23.87	−17 0.1	1.617	2.609	6.3	20.6
7 20	20 14.90	−17 32.8	1.585	2.599	2.0	20.3
7 30	20 5.37	−18 7.8	1.579	2.589	3.0	20.4
8 9	19 56.43	−18 41.5	1.600	2.579	7.4	20.6
8 19	19 49.08	−19 10.7	1.645	2.569	11.6	20.8
8 29	19 44.13	−19 33.7	1.712	2.558	15.1	21.0

447722 2007 EX_{165} 7 23.4 190.°00 0.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.32	−21 34.2	2.609	3.477	10.1	21.8
6 30	20 29.03	−22 1.5	2.533	3.476	7.4	21.7
7 10	20 22.22	−22 31.7	2.483	3.475	4.3	21.5
7 20	20 14.44	−23 1.8	2.460	3.474	1.3	21.2
7 30	20 6.35	−23 29.2	2.465	3.472	2.6	21.3
8 9	19 58.70	−23 51.4	2.499	3.470	5.7	21.5
8 19	19 52.18	−24 7.2	2.560	3.468	8.6	21.7
8 29	19 47.31	−24 16.2	2.644	3.465	11.2	21.9

122701 2000 SM_{22} 7 23.4 246.°06 2.°0/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.45	−13 14.4	2.013	2.870	13.0	20.8
6 30	20 31.03	−13 20.7	1.923	2.856	9.9	20.5
7 10	20 23.64	−13 36.8	1.857	2.842	6.3	20.3
7 20	20 14.85	−14 1.0	1.817	2.827	2.8	20.0
7 30	20 5.51	−14 30.8	1.804	2.811	3.1	20.0
8 9	19 56.63	−15 2.9	1.818	2.796	6.8	20.2
8 19	19 49.09	−15 34.4	1.858	2.779	10.6	20.4
8 29	19 43.65	−16 3.1	1.921	2.763	13.9	20.6

323216 2003 ST_{39} 7 23.4 299°.67 17°.6/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 32.48	+18 35.9	1.483	2.209	22.7	20.7
6 30	20 28.85	+19 56.4	1.400	2.187	21.2	20.5
7 10	20 22.73	+20 42.7	1.331	2.166	19.7	20.3
7 20	20 14.68	+20 46.3	1.277	2.145	18.3	20.1
7 30	20 5.74	+20 1.6	1.239	2.124	17.6	20.0
8 9	19 57.20	+18 28.7	1.220	2.104	17.8	20.0
8 19	19 50.30	+16 13.7	1.219	2.084	19.0	20.0
8 29	19 46.11	+13 28.2	1.236	2.064	20.9	20.1

250974 2006 HC_{83} 7 23.4 3°.70 0°.5/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.99	−17 46.6	1.085	1.988	18.2	20.4
6 30	20 31.03	−17 57.6	1.028	1.987	13.6	20.1
7 10	20 24.05	−18 19.7	0.990	1.987	8.1	19.8
7 20	20 14.98	−18 48.8	0.973	1.987	2.2	19.5
7 30	20 5.33	−19 19.4	0.978	1.989	3.9	19.6
8 9	19 56.78	−19 46.3	1.006	1.992	9.7	19.9
8 19	19 50.66	−20 6.2	1.055	1.995	14.9	20.2
8 29	19 47.90	−20 17.5	1.122	1.999	19.2	20.5

161873 2007 CG_{15} 7 23.4 127°.54 6°.3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.06	−40 11.3	2.795	3.648	9.9	20.9
6 30	20 32.71	−41 38.0	2.748	3.661	8.1	20.8
7 10	20 24.50	−42 56.7	2.727	3.674	6.7	20.7
7 20	20 15.04	−44 1.7	2.734	3.687	6.3	20.7
7 30	20 5.19	−44 49.0	2.767	3.700	7.2	20.8
8 9	19 55.90	−45 16.9	2.827	3.712	8.8	20.9
8 19	19 48.01	−45 26.2	2.910	3.723	10.5	21.0
8 29	19 42.16	−45 19.2	3.014	3.734	12.1	21.2

21805 1999 TQ_9 7 23.4 295°.29 0°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.62	−17 44.7	2.141	3.012	11.8	18.4
6 30	20 28.90	−17 59.9	2.050	2.994	8.8	18.1
7 10	20 22.35	−18 21.4	1.983	2.975	5.3	17.9
7 20	20 14.52	−18 47.0	1.942	2.956	1.5	17.6
7 30	20 6.18	−19 13.7	1.928	2.938	2.6	17.6
8 9	19 58.26	−19 38.5	1.942	2.919	6.5	17.9
8 19	19 51.58	−19 59.3	1.981	2.901	10.1	18.0
8 29	19 46.86	−20 14.8	2.042	2.883	13.3	18.2

166601 2002 RR_{208} 7 23.4 246°.45 0°.1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.54	−18 23.6	2.048	2.919	12.3	21.2
6 30	20 30.30	−18 41.6	1.969	2.913	9.1	21.0
7 10	20 23.15	−19 5.7	1.914	2.906	5.4	20.8
7 20	20 14.71	−19 33.0	1.884	2.899	1.4	20.5
7 30	20 5.84	−20 0.2	1.882	2.891	2.7	20.6
8 9	19 57.51	−20 24.3	1.907	2.884	6.6	20.8
8 19	19 50.56	−20 43.5	1.958	2.876	10.3	21.0
8 29	19 45.68	−20 56.5	2.032	2.869	13.4	21.2

503094 2015 FT_{300} 7 23.4 165°.14 3°.0/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.99	− 8 11.3	2.289	3.124	12.4	22.0
6 30	20 30.34	− 8 35.8	2.214	3.130	9.6	21.8
7 10	20 23.05	− 9 13.0	2.162	3.135	6.5	21.7
7 20	20 14.68	−10 1.2	2.137	3.140	3.7	21.5
7 30	20 5.97	−10 57.2	2.141	3.144	3.5	21.5
8 9	19 57.75	−11 57.3	2.173	3.147	6.1	21.7
8 19	19 50.74	−12 57.6	2.232	3.150	9.2	21.9
8 29	19 45.53	−13 54.9	2.315	3.151	12.0	22.0

186981 2004 RD_{329} 7 23.4 318°.08 5°.0/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.12	− 5 24.2	2.108	2.944	13.3	19.9
6 30	20 27.68	− 5 4.5	2.026	2.935	10.7	19.7
7 10	20 21.57	− 4 58.5	1.965	2.927	7.9	19.6
7 20	20 14.32	− 5 6.5	1.929	2.919	5.5	19.4
7 30	20 6.66	− 5 27.6	1.919	2.912	5.2	19.4
8 9	19 59.45	− 5 59.3	1.936	2.904	7.3	19.5
8 19	19 53.44	− 6 38.2	1.978	2.897	10.1	19.6
8 29	19 49.26	− 7 20.6	2.042	2.890	13.0	19.8

115949 2003 WL_{33} 7 23.4 103°.07 5°.5/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.36	− 6 34.9	1.603	2.447	16.4	20.0
6 30	20 33.18	− 6 5.7	1.547	2.464	12.9	19.9
7 10	20 24.84	− 5 52.7	1.512	2.480	9.2	19.7
7 20	20 15.14	− 5 56.2	1.501	2.496	6.2	19.5
7 30	20 5.17	− 6 14.5	1.516	2.511	5.9	19.6
8 9	19 56.09	− 6 44.1	1.556	2.526	8.5	19.8
8 19	19 48.82	− 7 20.8	1.620	2.541	11.9	20.0
8 29	19 44.04	− 8 0.0	1.706	2.555	15.1	20.2

275570 1999 TT_{59} 7 23.4 18°.75 1°.8/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.23	−15 9.5	1.344	2.232	16.4	20.0
6 30	20 29.90	−15 10.6	1.287	2.237	12.3	19.7
7 10	20 23.12	−15 23.1	1.251	2.243	7.6	19.5
7 20	20 14.73	−15 44.5	1.237	2.250	2.8	19.2
7 30	20 5.95	−16 10.9	1.248	2.258	3.6	19.3
8 9	19 58.10	−16 38.1	1.283	2.266	8.3	19.6
8 19	19 52.24	−17 2.8	1.340	2.276	12.7	19.9
8 29	19 49.12	−17 22.6	1.418	2.286	16.5	20.1

251772 1999 RL_5 7 23.4 311°.05 0°.1/23.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 33.74	−19 6.8	1.976	2.853	12.4	21.1
6 30	20 29.10	−19 22.6	1.892	2.839	9.2	20.9
7 10	20 22.51	−19 44.2	1.832	2.826	5.5	20.6
7 20	20 14.58	−20 8.8	1.797	2.812	1.4	20.3
7 30	20 6.16	−20 33.0	1.790	2.799	2.8	20.4
8 9	19 58.25	−20 53.9	1.809	2.786	6.9	20.6
8 19	19 51.72	−21 9.6	1.853	2.774	10.6	20.8
8 29	19 47.30	−21 19.0	1.919	2.762	13.9	21.0

237839 2002 EA_{100} 7 23.4 196°.58 4°.3/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.99	− 7 13.6	2.047	2.885	13.6	21.1
6 30	20 30.54	− 7 3.8	1.969	2.883	10.7	20.9
7 10	20 23.26	− 7 7.3	1.912	2.881	7.6	20.7
7 20	20 14.76	− 7 23.6	1.881	2.878	4.9	20.6
7 30	20 5.85	− 7 51.2	1.877	2.875	4.6	20.6
8 9	19 57.45	− 8 27.0	1.900	2.871	7.1	20.7
8 19	19 50.39	− 9 7.6	1.949	2.867	10.3	20.9
8 29	19 45.31	− 9 49.4	2.020	2.863	13.3	21.1

131664 2001 XZ_{164} 7 23.4 62°.10 1°.2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.83	−20 18.3	1.258	2.152	16.9	20.0
6 30	20 33.53	−20 52.6	1.204	2.159	12.4	19.7
7 10	20 25.38	−21 34.6	1.170	2.166	7.3	19.5
7 20	20 15.34	−22 18.3	1.159	2.173	2.0	19.1
7 30	20 4.84	−22 57.4	1.172	2.181	4.1	19.3
8 9	19 55.43	−23 27.2	1.210	2.189	9.3	19.6
8 19	19 48.37	−23 45.5	1.270	2.197	14.0	19.9
8 29	19 44.48	−23 52.4	1.349	2.204	17.9	20.2

71917 2000 WK_{49} 7 23.4 286°.65 0°.1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.11	−16 25.7	1.433	2.318	15.8	18.7
6 30	20 31.67	−17 15.0	1.346	2.296	11.8	18.4
7 10	20 24.49	−18 19.2	1.280	2.274	7.1	18.0
7 20	20 15.20	−19 33.5	1.237	2.252	1.9	17.7
7 30	20 4.93	−20 50.8	1.220	2.230	3.7	17.7
8 9	19 55.14	−22 3.9	1.228	2.208	9.1	18.0
8 19	19 47.18	−23 6.8	1.259	2.185	14.1	18.2
8 29	19 42.17	−23 56.4	1.310	2.163	18.4	18.4

438911 2009 YG_5 7 23.4 149°.53 0°.1/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.80	−19 34.9	2.080	2.947	12.3	21.8
6 30	20 32.52	−19 41.7	2.013	2.954	9.0	21.6
7 10	20 24.38	−19 52.4	1.969	2.961	5.3	21.4
7 20	20 15.05	−20 4.5	1.952	2.967	1.4	21.1
7 30	20 5.43	−20 15.3	1.964	2.973	2.7	21.2
8 9	19 56.49	−20 22.8	2.003	2.978	6.5	21.5
8 19	19 49.06	−20 25.7	2.068	2.983	10.0	21.7
8 29	19 43.75	−20 23.9	2.157	2.988	13.0	21.9

426346 2013 KM_2 7 23.4 321°.51 7°.5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.32	+ 3 15.0	1.237	2.072	20.8	19.9
6 30	20 28.35	+ 2 4.9	1.145	2.050	17.4	19.6
7 10	20 22.65	+ 0 9.9	1.072	2.029	13.3	19.3
7 20	20 14.76	− 2 31.5	1.019	2.008	9.3	19.0
7 30	20 5.78	− 5 53.0	0.990	1.988	7.5	18.8
8 9	19 57.17	− 9 39.4	0.987	1.970	10.2	18.9
8 19	19 50.39	−13 31.0	1.009	1.952	15.0	19.1
8 29	19 46.67	−17 9.1	1.053	1.935	19.8	19.3

167707 2004 TE_{148} 7 23.4 100°.93 5°.1/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 43.96	−29 59.0	1.363	2.252	16.2	20.4
6 30	20 37.26	−30 40.4	1.312	2.262	12.1	20.2
7 10	20 27.54	−31 17.6	1.282	2.271	8.0	20.0
7 20	20 15.90	−31 43.0	1.276	2.280	5.2	19.8
7 30	20 3.89	−31 51.0	1.294	2.289	6.7	20.0
8 9	19 53.20	−31 39.7	1.337	2.298	10.6	20.2
8 19	19 45.09	−31 11.4	1.402	2.307	14.5	20.5
8 29	19 40.35	−30 30.2	1.487	2.315	17.9	20.7

358406 2007 BM_{58} 7 23.4 91°.30 2°.3/25.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.69	− 9 23.3	2.357	3.202	11.8	21.0
6 30	20 27.88	−10 5.9	2.291	3.214	9.0	20.8
7 10	20 21.58	−11 0.5	2.248	3.226	5.9	20.7
7 20	20 14.33	−12 4.6	2.231	3.238	2.9	20.5
7 30	20 6.81	−13 14.5	2.244	3.250	2.8	20.5
8 9	19 59.77	−14 25.9	2.285	3.262	5.7	20.7
8 19	19 53.86	−15 34.9	2.353	3.274	8.7	20.9
8 29	19 49.62	−16 38.4	2.445	3.285	11.3	21.1

294563 2007 YU_{44} 7 23.4 150°.90 1°.1/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.16	−21 8.7	1.722	2.599	14.0	21.9
6 30	20 33.92	−21 38.7	1.659	2.605	10.2	21.6
7 10	20 25.39	−22 13.4	1.618	2.611	6.0	21.4
7 20	20 15.35	−22 48.2	1.603	2.617	1.8	21.1
7 30	20 4.92	−23 18.6	1.615	2.622	3.5	21.3
8 9	19 55.30	−23 41.1	1.653	2.627	7.8	21.5
8 19	19 47.52	−23 54.5	1.717	2.631	11.7	21.8
8 29	19 42.30	−23 58.8	1.802	2.635	15.0	22.0

57690 2001 UA_{74} 7 23.4 234°.16 0°.5/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.32	−16 37.4	2.328	3.191	11.3	20.0
6 30	20 29.24	−17 0.3	2.245	3.183	8.4	19.7
7 10	20 22.48	−17 30.0	2.186	3.175	5.0	19.5
7 20	20 14.60	−18 4.1	2.153	3.167	1.5	19.3
7 30	20 6.31	−18 39.6	2.149	3.159	2.4	19.3
8 9	19 58.46	−19 13.4	2.173	3.150	6.0	19.5
8 19	19 51.78	−19 43.3	2.223	3.141	9.3	19.7
8 29	19 46.90	−20 7.8	2.297	3.131	12.2	19.9

502174 2015 BH_{60} 7 23.4 234°.25 0°.1/23.4 17

6 20	20 37.91	−17 7.0	1.723	2.595	14.1	21.6
6 30	20 32.47	−17 48.1	1.641	2.586	10.5	21.3
7 10	20 24.69	−18 39.5	1.583	2.575	6.3	21.0
7 20	20 15.22	−19 36.8	1.550	2.564	1.6	20.7
7 30	20 5.09	−20 34.7	1.543	2.553	3.2	20.8
8 9	19 55.52	−21 28.1	1.564	2.541	7.8	21.1
8 19	19 47.59	−22 13.2	1.609	2.529	12.1	21.3
8 29	19 42.18	−22 48.3	1.676	2.516	15.7	21.5

443563 2014 KG_{30} 7 23.4 355°.83 1°.7/22.4 18

6 20	20 33.39	−21 50.4	1.869	2.753	12.7	20.8
6 30	20 28.92	−22 39.1	1.801	2.751	9.3	20.6
7 10	20 22.45	−23 32.8	1.755	2.750	5.5	20.4
7 20	20 14.61	−24 26.9	1.736	2.749	2.0	20.1
7 30	20 6.34	−25 16.3	1.743	2.748	3.6	20.2
8 9	19 58.68	−25 56.9	1.776	2.748	7.5	20.5
8 19	19 52.53	−26 26.6	1.834	2.748	11.1	20.7
8 29	19 48.59	−26 44.8	1.914	2.749	14.2	20.9

162408 2000 DM_{94} 7 23.4 266°.89 4°.7/21.3 18

6 20	20 40.21	−31 57.8	1.954	2.830	12.6	19.9
6 30	20 34.02	−32 29.0	1.878	2.819	9.6	19.6
7 10	20 25.51	−32 55.7	1.825	2.808	6.6	19.4
7 20	20 15.41	−33 12.4	1.798	2.797	4.7	19.3
7 30	20 4.83	−33 14.8	1.798	2.786	5.9	19.4
8 9	19 54.98	−33 1.3	1.823	2.775	8.9	19.5
8 19	19 46.92	−32 32.9	1.873	2.764	12.1	19.7
8 29	19 41.41	−31 52.2	1.945	2.752	15.1	19.9

210535 1999 GE_{14} 7 23.4 160°.72 4°.8/21.5 17

6 20	20 42.56	−29 7.7	1.470	2.357	15.3	20.8
6 30	20 36.21	−29 56.0	1.410	2.359	11.5	20.6
7 10	20 26.97	−30 42.2	1.372	2.362	7.5	20.4
7 20	20 15.80	−31 18.8	1.359	2.363	4.9	20.2
7 30	20 4.12	−31 39.5	1.370	2.365	6.4	20.3
8 9	19 53.52	−31 41.6	1.407	2.367	10.3	20.6
8 19	19 45.25	−31 26.1	1.466	2.368	14.2	20.8
8 29	19 40.18	−30 56.4	1.545	2.369	17.6	21.0

491637 2012 TZ_{186} 7 23.4 332°.37 5°.8/25.1 16

6 20	20 29.21	−10 6.3	1.142	2.034	18.4	20.7
6 30	20 26.97	− 9 24.9	1.053	2.000	14.6	20.3
7 10	20 21.91	− 8 58.7	0.982	1.967	10.3	20.0
7 20	20 14.60	− 8 49.9	0.931	1.936	6.5	19.7
7 30	20 6.21	− 8 59.0	0.902	1.906	6.5	19.6
8 9	19 58.29	− 9 23.3	0.893	1.878	10.7	19.7
8 19	19 52.35	− 9 58.3	0.904	1.852	15.8	19.9
8 29	19 49.62	−10 38.0	0.933	1.828	20.6	20.1

335109 2004 TN_{166} 7 23.4 278°.42 1°.7/22.7 17

6 20	20 37.72	−22 53.0	1.712	2.594	13.7	21.5
6 30	20 32.33	−23 16.0	1.634	2.584	10.1	21.3
7 10	20 24.59	−23 42.3	1.579	2.573	6.0	21.0
7 20	20 15.19	−24 7.7	1.549	2.563	2.1	20.7
7 30	20 5.23	−24 27.8	1.546	2.552	3.8	20.8
8 9	19 55.94	−24 39.5	1.568	2.541	8.1	21.1
8 19	19 48.40	−24 41.6	1.614	2.531	12.2	21.3
8 29	19 43.43	−24 34.5	1.682	2.520	15.7	21.5

136637 1994 WA_{5} 7 23.4 94°.25 0°.8/22.9 18

6 20	20 34.99	−21 6.7	2.282	3.154	11.2	20.5
6 30	20 29.64	−21 32.0	2.220	3.165	8.1	20.3
7 10	20 22.65	−22 0.5	2.183	3.176	4.8	20.1
7 20	20 14.64	−22 29.1	2.172	3.186	1.4	19.9
7 30	20 6.39	−22 54.8	2.189	3.197	2.7	20.0
8 9	19 58.73	−23 15.2	2.234	3.207	6.1	20.3
8 19	19 52.37	−23 29.0	2.306	3.218	9.2	20.5
8 29	19 47.88	−23 35.8	2.400	3.228	11.9	20.7

267725 2003 EV_{17} 7 23.4 145°.73 1°.6/22.5 18

6 20	20 38.57	−22 2.5	1.949	2.823	12.7	20.6
6 30	20 32.56	−22 46.0	1.885	2.831	9.3	20.4
7 10	20 24.52	−23 33.2	1.846	2.839	5.5	20.1
7 20	20 15.15	−24 19.6	1.833	2.846	1.9	19.9
7 30	20 5.41	−25 0.5	1.847	2.853	3.5	20.0
8 9	19 56.37	−25 32.6	1.889	2.859	7.3	20.3
8 19	19 48.93	−25 54.3	1.957	2.865	10.8	20.5
8 29	19 43.78	−26 5.6	2.046	2.870	13.8	20.7

354298 2002 TX_{110} 7 23.4 268°.25 4°.9/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.94	− 5 52.8	2.171	3.002	13.2	21.1
6 30	20 29.84	− 5 29.5	2.074	2.982	10.6	20.9
7 10	20 22.95	− 5 18.8	1.999	2.961	7.8	20.7
7 20	20 14.77	− 5 21.3	1.950	2.941	5.4	20.5
7 30	20 6.05	− 5 36.4	1.927	2.920	5.2	20.5
8 9	19 57.68	− 6 2.1	1.931	2.898	7.4	20.6
8 19	19 50.48	− 6 35.4	1.961	2.877	10.4	20.7
8 29	19 45.13	− 7 13.0	2.014	2.855	13.4	20.9

182362 2001 QZ_{122} 7 23.4 318°.01 2°.9/22.1 18

6 20	20 36.36	−24 3.9	1.388	2.285	15.5	19.9
6 30	20 31.84	−24 47.3	1.317	2.273	11.4	19.6
7 10	20 24.53	−25 35.3	1.267	2.262	7.0	19.3
7 20	20 15.22	−26 21.5	1.240	2.252	3.1	19.0
7 30	20 5.20	−26 59.2	1.237	2.242	5.1	19.1
8 9	19 55.97	−27 23.7	1.259	2.232	9.7	19.4
8 19	19 48.84	−27 33.4	1.303	2.223	14.2	19.6
8 29	19 44.78	−27 29.0	1.366	2.214	18.1	19.8

261783 2006 BB_{147} 7 23.4 310°.85 3°.6/22.1 18

6 20	20 39.25	−30 12.1	1.999	2.876	12.3	19.2
6 30	20 33.32	−30 16.6	1.907	2.851	9.3	19.0
7 10	20 25.13	−30 16.7	1.839	2.826	6.1	18.8
7 20	20 15.34	−30 8.1	1.796	2.802	3.7	18.6
7 30	20 5.00	−29 47.8	1.780	2.778	4.9	18.6
8 9	19 55.28	−29 14.5	1.791	2.754	8.2	18.7
8 19	19 47.20	−28 29.6	1.827	2.730	11.8	18.9
8 29	19 41.57	−27 35.5	1.885	2.706	14.9	19.1

323045 2002 RT_{89} 7 23.4 358°.80 4°.4/22.2 18

6 20	20 38.25	−28 28.2	1.117	2.024	17.5	19.6
6 30	20 33.59	−28 43.4	1.060	2.020	13.1	19.3
7 10	20 25.64	−28 55.4	1.023	2.018	8.3	19.1
7 20	20 15.49	−28 57.5	1.008	2.017	4.6	18.8
7 30	20 4.82	−28 44.4	1.015	2.017	6.3	18.9
8 9	19 55.44	−28 14.8	1.044	2.019	11.0	19.2
8 19	19 48.79	−27 31.0	1.094	2.021	15.7	19.5
8 29	19 45.73	−26 36.9	1.161	2.024	19.7	19.7

380656 2005 CQ_{52} 7 23.4 186°.58 1°.2/24.3 18

6 20	20 34.50	−12 51.2	1.957	2.819	13.2	20.5
6 30	20 29.62	−13 43.6	1.882	2.819	9.9	20.3
7 10	20 22.83	−14 48.8	1.831	2.818	6.1	20.0
7 20	20 14.73	−16 3.0	1.805	2.818	2.2	19.8
7 30	20 6.18	−17 21.1	1.808	2.818	2.7	19.8
8 9	19 58.14	−18 37.7	1.838	2.817	6.7	20.1
8 19	19 51.48	−19 48.3	1.895	2.816	10.4	20.3
8 29	19 46.89	−20 49.7	1.974	2.815	13.6	20.5

515951 2015 RY_{64} 7 23.4 335°.45 4°.8/20.9 15

6 20	20 36.56	−32 7.7	1.941	2.823	12.4	21.2
6 30	20 31.32	−32 43.7	1.871	2.815	9.4	21.0
7 10	20 23.90	−33 15.4	1.824	2.808	6.5	20.8
7 20	20 15.01	−33 37.5	1.803	2.801	4.9	20.7
7 30	20 5.69	−33 45.6	1.807	2.794	6.0	20.8
8 9	19 57.10	−33 38.1	1.837	2.788	8.9	20.9
8 19	19 50.21	−33 15.5	1.891	2.783	12.0	21.1
8 29	19 45.76	−32 40.3	1.966	2.778	14.8	21.3

66615 1999 RJ_{200} 7 23.4 195°.29 3°.2/24.9 18

6 20	20 37.40	−10 35.7	2.239	3.081	12.4	19.2
6 30	20 31.44	−10 15.1	2.158	3.079	9.6	19.0
7 10	20 23.77	−10 3.5	2.101	3.077	6.5	18.8
7 20	20 14.96	−10 0.7	2.071	3.074	3.7	18.7
7 30	20 5.79	−10 5.4	2.068	3.070	3.8	18.7
8 9	19 57.12	−10 15.8	2.094	3.066	6.5	18.8
8 19	19 49.73	−10 29.9	2.146	3.061	9.6	19.0
8 29	19 44.22	−10 45.6	2.221	3.056	12.5	19.2

87266 2000 OK_{59} 7 23.4 341°.18 2°.0/24.2 18

6 20	20 29.02	−14 50.4	1.091	1.997	17.9	19.4
6 30	20 26.80	−14 56.7	1.019	1.978	13.6	19.1
7 10	20 21.73	−15 18.3	0.965	1.961	8.5	18.8
7 20	20 14.54	−15 53.2	0.932	1.945	3.2	18.4
7 30	20 6.52	−16 36.5	0.920	1.931	4.0	18.4
8 9	19 59.25	−17 22.0	0.930	1.918	9.6	18.7
8 19	19 54.15	−18 4.0	0.960	1.908	15.0	18.9
8 29	19 52.28	−18 38.2	1.008	1.899	19.7	19.2

365309 2009 SR_{20} 7 23.4 326°.16 13°.1/30.7 15

6 20	20 30.16	+14 19.6	1.970	2.701	17.6	20.4
6 30	20 26.56	+15 31.5	1.883	2.680	16.1	20.2
7 10	20 21.12	+16 18.7	1.812	2.660	14.7	20.0
7 20	20 14.33	+16 36.2	1.760	2.640	13.5	19.9
7 30	20 6.96	+16 21.1	1.729	2.621	13.1	19.8
8 9	19 59.94	+15 34.1	1.718	2.603	13.4	19.8
8 19	19 54.13	+14 19.1	1.728	2.585	14.6	19.9
8 29	19 50.29	+12 42.8	1.757	2.568	16.3	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
491813 2012 XX_{115}			7 23.4 250°.62		6°.3/26.4 18	
	h m	° ′			°	m
6 20	20 35.99	− 1 38.6	2.357	3.161	13.1	21.9
6 30	20 30.48	− 0 56.3	2.260	3.144	10.8	21.7
7 10	20 23.27	− 0 27.2	2.185	3.125	8.5	21.6
7 20	20 14.87	− 0 12.8	2.136	3.106	6.7	21.4
7 30	20 5.97	− 0 13.7	2.113	3.087	6.4	21.4
8 9	19 57.40	− 0 28.6	2.117	3.067	8.0	21.4
8 19	19 49.91	− 0 55.0	2.147	3.047	10.4	21.5
8 29	19 44.16	− 1 29.4	2.200	3.026	12.9	21.7
57422 2001 SR_9			7 23.4 215°.71		0°.1/23.5 18	
6 20	20 35.10	−18 41.0	2.313	3.179	11.2	19.7
6 30	20 29.80	−18 57.9	2.234	3.176	8.3	19.5
7 10	20 22.83	−19 19.7	2.180	3.172	4.9	19.3
7 20	20 14.73	−19 43.9	2.153	3.167	1.3	19.0
7 30	20 6.29	−20 7.8	2.154	3.163	2.4	19.1
8 9	19 58.33	−20 28.8	2.182	3.158	6.0	19.4
8 19	19 51.60	−20 45.3	2.237	3.153	9.3	19.6
8 29	19 46.71	−20 56.4	2.316	3.148	12.2	19.7
22665 1998 QL_{23}			7 23.4 296°.08		2°.1/22.3 18	
6 20	20 35.32	−25 2.0	2.176	3.054	11.4	18.5
6 30	20 30.23	−25 25.2	2.089	3.036	8.4	18.3
7 10	20 23.21	−25 49.5	2.025	3.017	5.1	18.1
7 20	20 14.86	−26 11.3	1.987	2.999	2.3	17.8
7 30	20 6.02	−26 27.2	1.977	2.980	3.7	17.9
8 9	19 57.65	−26 34.7	1.994	2.962	7.1	18.1
8 19	19 50.62	−26 32.9	2.036	2.944	10.5	18.3
8 29	19 45.66	−26 22.4	2.100	2.926	13.5	18.4
314361 2005 TK_{197}			7 23.4 266°.99		4°.5/20.3 18	
6 20	20 35.91	−30 56.8	2.253	3.130	11.1	20.2
6 30	20 30.69	−32 1.5	2.179	3.121	8.4	20.0
7 10	20 23.51	−33 4.5	2.130	3.112	5.8	19.9
7 20	20 14.95	−34 0.3	2.107	3.104	4.5	19.8
7 30	20 5.90	−34 43.9	2.112	3.095	5.7	19.8
8 9	19 57.35	−35 12.2	2.143	3.086	8.3	20.0
8 19	19 50.22	−35 24.6	2.199	3.077	11.1	20.1
8 29	19 45.21	−35 22.3	2.276	3.068	13.6	20.3
448714 2011 AY_{24}			7 23.4 277°.44		2°.3/24.2 18	
6 20	20 38.64	−14 45.4	2.471	3.319	11.2	21.0
6 30	20 32.31	−14 3.1	2.373	3.300	8.5	20.8
7 10	20 24.31	−13 24.6	2.299	3.281	5.5	20.5
7 20	20 15.14	−12 49.7	2.254	3.262	2.7	20.3
7 30	20 5.56	−12 18.5	2.237	3.242	3.1	20.3
8 9	19 56.40	−11 50.7	2.250	3.223	6.1	20.5
8 19	19 48.40	−11 26.1	2.291	3.203	9.3	20.6
8 29	19 42.18	−11 4.0	2.355	3.183	12.1	20.8
151744 2003 CA_{22}			7 23.4 22°.68		5°.4/26.8 18	
6 20	20 31.76	− 4 6.9	1.322	2.183	18.3	19.0
6 30	20 28.15	− 4 37.9	1.264	2.189	14.5	18.8
7 10	20 22.18	− 5 34.8	1.224	2.197	10.3	18.6
7 20	20 14.62	− 6 55.3	1.206	2.205	6.5	18.4
7 30	20 6.60	− 8 33.7	1.213	2.215	5.7	18.4
8 9	19 59.39	−10 20.9	1.243	2.225	8.7	18.6
8 19	19 54.04	−12 8.1	1.297	2.235	12.8	18.9
8 29	19 51.32	−13 47.5	1.372	2.247	16.5	19.1
27527 Kirkkoehler			7 23.4 4°.06		1°.4/22.7 18	
6 20	20 35.50	−21 50.9	1.911	2.791	12.6	18.3
6 30	20 30.42	−22 23.5	1.843	2.791	9.3	18.1
7 10	20 23.33	−23 0.2	1.797	2.791	5.5	17.8
7 20	20 14.90	−23 36.8	1.777	2.791	1.8	17.6
7 30	20 6.08	−24 9.3	1.785	2.791	3.4	17.7
8 9	19 57.89	−24 34.3	1.819	2.792	7.2	18.0
8 19	19 51.24	−24 50.4	1.877	2.792	10.9	18.2
8 29	19 46.82	−24 57.3	1.958	2.793	14.0	18.4
350913 2002 RR_{267}			7 23.4 257°.09		5°.0/20.3 18	
6 20	20 38.22	−31 45.8	2.094	2.970	11.9	21.0
6 30	20 32.58	−32 46.7	2.016	2.957	9.1	20.8
7 10	20 24.73	−33 45.1	1.963	2.944	6.4	20.6
7 20	20 15.31	−34 35.1	1.935	2.931	5.0	20.5
7 30	20 5.31	−35 11.3	1.935	2.917	6.2	20.5
8 9	19 55.87	−35 30.5	1.961	2.903	9.0	20.7
8 19	19 48.00	−35 32.5	2.011	2.889	12.0	20.8
8 29	19 42.51	−35 19.2	2.082	2.875	14.7	21.0
350912 2002 RG_{261}			7 23.4 237°.75		0°.8/23.9 18	
6 20	20 36.24	−16 52.2	2.131	2.995	12.1	21.5
6 30	20 30.79	−16 57.0	2.049	2.988	9.0	21.2
7 10	20 23.50	−17 7.9	1.990	2.979	5.5	21.0
7 20	20 14.97	−17 23.1	1.958	2.971	1.8	20.7
7 30	20 6.01	−17 39.9	1.953	2.962	2.6	20.8
8 9	19 57.56	−17 56.0	1.976	2.954	6.4	21.0
8 19	19 50.44	−18 9.4	2.025	2.944	9.9	21.2
8 29	19 45.31	−18 19.1	2.097	2.935	13.0	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
340312 2006 DK_6			7 23.4 59°.47		15°.8/22.1 17	
	h m	° ′			°	m
6 20	21 4.25	−50 31.5	1.012	1.871	22.7	20.0
6 30	20 54.02	−51 17.2	0.971	1.876	19.8	19.8
7 10	20 38.04	−51 29.9	0.947	1.882	17.2	19.7
7 20	20 18.69	−50 53.8	0.940	1.887	15.9	19.6
7 30	19 59.56	−49 22.4	0.953	1.893	16.4	19.7
8 9	19 44.02	−47 3.2	0.987	1.899	18.5	19.8
8 19	19 33.85	−44 13.1	1.038	1.905	21.4	20.0
8 29	19 29.45	−41 9.3	1.107	1.912	24.2	20.3
503451 2016 EY_{115}			7 23.4 135°.83		1°.4/24.2 17	
6 20	20 39.88	−13 51.9	1.530	2.398	15.8	22.2
6 30	20 33.90	−14 26.6	1.469	2.409	11.8	22.0
7 10	20 25.50	−15 14.3	1.430	2.419	7.3	21.7
7 20	20 15.50	−16 10.9	1.416	2.428	2.5	21.5
7 30	20 5.06	−17 10.8	1.428	2.437	3.3	21.5
8 9	19 55.48	−18 8.4	1.466	2.446	7.9	21.8
8 19	19 47.83	−18 59.5	1.529	2.453	12.2	22.1
8 29	19 42.88	−19 41.6	1.613	2.460	15.9	22.4
127014 2002 GY_{11}			7 23.4 85°.38		1°.8/22.3 18	
6 20	20 34.84	−23 32.2	2.265	3.141	11.1	19.8
6 30	20 29.62	−24 11.7	2.205	3.151	8.1	19.6
7 10	20 22.72	−24 53.3	2.169	3.161	4.8	19.4
7 20	20 14.74	−25 33.0	2.159	3.172	2.0	19.2
7 30	20 6.50	−26 7.2	2.178	3.182	3.3	19.3
8 9	19 58.84	−26 33.2	2.224	3.192	6.5	19.6
8 19	19 52.52	−26 50.0	2.296	3.202	9.6	19.8
8 29	19 48.10	−26 57.5	2.391	3.212	12.2	20.0
40198 1998 SA_1			7 23.4 306°.41		0°.5/23.7 18	
6 20	20 33.07	−17 16.3	2.111	2.983	12.0	18.5
6 30	20 28.58	−17 31.8	2.022	2.965	8.9	18.3
7 10	20 22.26	−17 54.2	1.956	2.947	5.4	18.0
7 20	20 14.66	−18 21.1	1.916	2.930	1.6	17.7
7 30	20 6.57	−18 49.7	1.903	2.912	2.6	17.8
8 9	19 58.90	−19 16.8	1.917	2.895	6.5	18.0
8 19	19 52.48	−19 40.2	1.956	2.878	10.1	18.2
8 29	19 48.00	−19 58.3	2.018	2.861	13.3	18.4
182850 2002 CH_{92}			7 23.5 342°.01		4°.3/22.0 18	
6 20	20 41.52	−32 32.5	1.934	2.809	12.8	19.4
6 30	20 34.85	−32 33.9	1.864	2.805	9.7	19.2
7 10	20 25.93	−32 28.4	1.818	2.801	6.5	19.0
7 20	20 15.59	−32 11.8	1.796	2.798	4.4	18.9
7 30	20 4.96	−31 41.5	1.802	2.795	5.4	19.0
8 9	19 55.23	−30 57.5	1.835	2.792	8.4	19.1
8 19	19 47.39	−30 1.9	1.892	2.790	11.7	19.3
8 29	19 42.11	−28 58.3	1.972	2.788	14.6	19.5
367270 2007 TD_{154}			7 23.5 218°.12		4°.9/25.5 17	
6 20	20 38.29	− 8 20.4	1.534	2.389	16.5	20.6
6 30	20 32.82	− 7 59.1	1.460	2.385	13.0	20.4
7 10	20 24.94	− 7 53.4	1.407	2.382	9.1	20.1
7 20	20 15.38	− 8 3.2	1.377	2.378	5.6	19.9
7 30	20 5.26	− 8 26.9	1.372	2.373	5.4	19.9
8 9	19 55.83	− 9 0.8	1.393	2.368	8.7	20.1
8 19	19 48.19	− 9 40.6	1.437	2.363	12.7	20.3
8 29	19 43.18	−10 21.9	1.502	2.358	16.4	20.5
379862 2012 HJ			7 23.5 121°.51		21°.4/ 4.1 18	
6 20	20 41.40	+21 9.4	1.218	1.935	27.1	20.8
6 30	20 35.63	+23 37.8	1.175	1.945	25.4	20.7
7 10	20 26.83	+25 24.3	1.144	1.955	23.7	20.6
7 20	20 15.90	+26 19.1	1.126	1.964	22.3	20.5
7 30	20 4.29	+26 16.2	1.123	1.972	21.5	20.5
8 9	19 53.65	+25 17.9	1.136	1.981	21.5	20.5
8 19	19 45.39	+23 33.0	1.164	1.988	22.2	20.6
8 29	19 40.51	+21 14.9	1.206	1.996	23.4	20.7
206615 2003 WX_{107}			7 23.5 279°.80		2°.3/24.5 18	
6 20	20 35.67	−13 25.1	1.878	2.741	13.6	20.6
6 30	20 30.54	−13 17.7	1.800	2.735	10.3	20.4
7 10	20 23.43	−13 19.7	1.744	2.729	6.6	20.2
7 20	20 14.97	−13 29.8	1.713	2.723	3.1	20.0
7 30	20 6.06	−13 45.8	1.709	2.717	3.3	20.0
8 9	19 57.73	−14 5.1	1.732	2.711	7.0	20.2
8 19	19 50.85	−14 25.0	1.780	2.705	10.7	20.4
8 29	19 46.15	−14 43.5	1.850	2.699	14.1	20.6
305316 2008 AR_{50}			7 23.5 284°.43		1°.5/22.5 18	
6 20	20 34.80	−21 42.2	1.993	2.872	12.2	20.8
6 30	20 29.94	−22 27.6	1.916	2.864	9.0	20.6
7 10	20 23.10	−23 18.1	1.863	2.857	5.3	20.4
7 20	20 14.90	−24 9.3	1.836	2.850	1.9	20.1
7 30	20 6.21	−24 56.4	1.837	2.843	3.5	20.2
8 9	19 58.04	−25 35.5	1.864	2.836	7.2	20.4
8 19	19 51.30	−26 4.5	1.917	2.828	10.8	20.7
8 29	19 46.72	−26 22.7	1.991	2.821	13.9	20.8

69332 1993 LJ_1 7 23.5 108°.13 2°.5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.50	−27 6.6	1.998	2.869	12.6	18.8
6 30	20 35.27	−27 15.6	1.943	2.886	9.2	18.7
7 10	20 26.03	−27 22.4	1.913	2.903	5.6	18.5
7 20	20 15.60	−27 23.2	1.909	2.919	2.7	18.3
7 30	20 5.02	−27 15.5	1.933	2.935	4.0	18.4
8 9	19 55.38	−26 58.3	1.985	2.950	7.3	18.7
8 19	19 47.53	−26 32.6	2.062	2.966	10.6	18.9
8 29	19 42.06	−26 0.3	2.163	2.980	13.4	19.1

334311 2001 VV_{124} 7 23.5 194°.67 1°.6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.56	−14 58.4	2.103	2.959	12.6	21.1
6 30	20 32.46	−14 56.1	2.024	2.957	9.5	20.9
7 10	20 24.48	−15 1.0	1.969	2.954	5.9	20.7
7 20	20 15.24	−15 11.4	1.940	2.951	2.3	20.5
7 30	20 5.61	−15 25.3	1.939	2.947	2.8	20.5
8 9	19 56.54	−15 40.2	1.967	2.943	6.5	20.7
8 19	19 48.86	−15 54.2	2.020	2.938	10.0	20.9
8 29	19 43.24	−16 5.9	2.097	2.933	13.1	21.1

58997 1998 SG_{20} 7 23.5 338°.17 3°.1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.11	−10 37.8	1.759	2.620	14.4	19.7
6 30	20 29.49	−10 45.3	1.686	2.618	11.1	19.5
7 10	20 22.85	−11 6.2	1.634	2.616	7.3	19.3
7 20	20 14.84	−11 38.9	1.607	2.614	3.8	19.1
7 30	20 6.38	−12 20.5	1.606	2.612	3.8	19.1
8 9	19 58.51	−13 6.7	1.631	2.611	7.3	19.3
8 19	19 52.15	−13 53.5	1.681	2.610	11.0	19.5
8 29	19 48.01	−14 37.3	1.753	2.608	14.4	19.7

278336 2007 HO_{84} 7 23.5 117°.59 3°.6/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.03	−26 55.4	1.760	2.642	13.4	21.2
6 30	20 33.21	−27 48.2	1.701	2.649	9.9	21.0
7 10	20 25.07	−28 41.2	1.665	2.656	6.2	20.8
7 20	20 15.41	−29 28.2	1.655	2.662	3.7	20.7
7 30	20 5.35	−30 3.8	1.671	2.668	5.2	20.8
8 9	19 56.11	−30 25.0	1.714	2.675	8.7	21.0
8 19	19 48.72	−30 31.4	1.780	2.681	12.1	21.2
8 29	19 43.92	−30 24.5	1.867	2.686	15.2	21.4

128821 2004 RC_{306} 7 23.5 198°.51 4°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.51	− 0 2.3	3.192	3.980	10.3	21.0
6 30	20 26.78	− 0 0.6	3.104	3.977	8.5	20.8
7 10	20 20.91	− 0 11.4	3.039	3.973	6.6	20.7
7 20	20 14.30	− 0 34.6	3.000	3.968	5.1	20.6
7 30	20 7.43	− 1 9.3	2.989	3.963	4.8	20.6
8 9	20 0.84	− 1 53.4	3.006	3.957	5.8	20.6
8 19	19 55.04	− 2 44.4	3.050	3.952	7.6	20.8
8 29	19 50.44	− 3 39.1	3.119	3.945	9.5	20.9

214409 2005 NQ_{87} 7 23.5 349°.58 0°.6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.96	−16 49.6	1.856	2.731	13.2	21.1
6 30	20 29.32	−17 10.4	1.784	2.729	9.8	20.9
7 10	20 22.72	−17 39.3	1.735	2.727	5.9	20.6
7 20	20 14.81	−18 13.3	1.711	2.725	1.7	20.4
7 30	20 6.47	−18 48.9	1.714	2.724	2.7	20.4
8 9	19 58.74	−19 22.4	1.744	2.723	6.9	20.7
8 19	19 52.48	−19 51.1	1.798	2.722	10.7	20.9
8 29	19 48.39	−20 13.3	1.874	2.722	14.0	21.1

311891 2006 XW_{50} 7 23.5 96°.22 0°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.03	−19 4.1	2.304	3.174	11.2	20.5
6 30	20 29.01	−19 54.3	2.241	3.184	8.1	20.3
7 10	20 22.37	−20 50.1	2.202	3.195	4.8	20.1
7 20	20 14.69	−21 47.7	2.191	3.205	1.3	19.9
7 30	20 6.71	−22 43.0	2.208	3.216	2.6	20.0
8 9	19 59.26	−23 32.4	2.253	3.226	6.1	20.3
8 19	19 53.04	−24 13.6	2.325	3.236	9.2	20.5
8 29	19 48.63	−24 45.6	2.420	3.246	11.9	20.7

389227 2009 DY_{139} 7 23.5 170°.56 2°.8/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.69	− 9 32.8	2.417	3.257	11.7	22.1
6 30	20 29.39	− 9 43.7	2.340	3.260	9.0	21.9
7 10	20 22.57	−10 5.2	2.287	3.262	6.0	21.7
7 20	20 14.74	−10 36.0	2.261	3.265	3.4	21.6
7 30	20 6.61	−11 13.9	2.263	3.267	3.2	21.6
8 9	19 58.92	−11 55.7	2.293	3.268	5.8	21.7
8 19	19 52.36	−12 38.5	2.350	3.269	8.8	21.9
8 29	19 47.47	−13 19.8	2.432	3.269	11.5	22.1

121237 Zachdolch 7 23.5 302°.31 1°.2/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.09	−20 26.5	2.072	2.948	11.9	19.7
6 30	20 29.58	−21 15.5	1.969	2.916	8.9	19.4
7 10	20 23.04	−22 12.1	1.889	2.883	5.3	19.1
7 20	20 14.94	−23 12.2	1.836	2.850	1.7	18.8
7 30	20 6.11	−24 11.0	1.811	2.817	3.3	18.9
8 9	19 57.53	−25 3.8	1.812	2.784	7.3	19.0
8 19	19 50.19	−25 47.2	1.839	2.751	11.2	19.2
8 29	19 44.94	−26 19.7	1.888	2.719	14.6	19.4

16935 1998 FX_{111} 7 23.5 180°.17 3°.6/25.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.49	− 8 45.8	2.318	3.158	12.1	17.6
6 30	20 29.29	− 8 29.1	2.241	3.158	9.5	17.4
7 10	20 22.52	− 8 22.7	2.188	3.158	6.6	17.2
7 20	20 14.73	− 8 26.3	2.160	3.158	4.1	17.0
7 30	20 6.63	− 8 38.8	2.159	3.158	4.0	17.0
8 9	19 59.00	− 8 57.9	2.187	3.158	6.3	17.2
8 19	19 52.54	− 9 21.4	2.240	3.158	9.2	17.4
8 29	19 47.81	− 9 46.6	2.317	3.157	11.9	17.5

125799 2001 XU_{156} 7 23.5 283°.58 1°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.70	−16 36.4	1.651	2.527	14.5	19.3
6 30	20 31.71	−16 44.7	1.567	2.512	10.9	19.1
7 10	20 24.34	−17 1.8	1.504	2.496	6.7	18.8
7 20	20 15.27	−17 25.2	1.466	2.480	2.1	18.4
7 30	20 5.54	−17 51.4	1.454	2.464	3.1	18.5
8 9	19 56.37	−18 16.7	1.468	2.448	7.8	18.7
8 19	19 48.86	−18 38.3	1.506	2.432	12.2	19.0
8 29	19 43.89	−18 54.5	1.565	2.417	16.0	19.2

440251 2004 RW_{41} 7 23.5 345°.34 3°.5/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.14	−30 6.0	1.711	2.593	13.7	19.6
6 30	20 34.09	−29 52.5	1.638	2.585	10.3	19.4
7 10	20 25.61	−29 32.9	1.587	2.577	6.6	19.2
7 20	20 15.55	−29 3.6	1.562	2.570	3.7	19.0
7 30	20 5.14	−28 22.3	1.563	2.564	4.9	19.0
8 9	19 55.65	−27 29.4	1.590	2.558	8.5	19.2
8 19	19 48.15	−26 27.3	1.641	2.553	12.3	19.4
8 29	19 43.37	−25 19.3	1.714	2.549	15.6	19.7

497958 2006 XG_{35} 7 23.5 238°.42 1°.6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.47	−21 27.4	1.819	2.696	13.3	21.7
6 30	20 32.89	−22 14.2	1.737	2.684	9.8	21.5
7 10	20 25.00	−23 7.0	1.679	2.672	5.9	21.2
7 20	20 15.44	−24 0.9	1.646	2.660	2.0	20.9
7 30	20 5.24	−24 50.4	1.641	2.647	3.8	21.0
8 9	19 55.57	−25 31.0	1.663	2.634	8.0	21.3
8 19	19 47.53	−26 0.3	1.709	2.620	12.0	21.5
8 29	19 41.96	−26 17.8	1.777	2.606	15.4	21.7

276997 2004 XA_{51} 7 23.5 330°.69 0°.2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.78	−14 19.7	1.415	2.302	15.8	19.4
6 30	20 28.44	−15 47.1	1.336	2.287	11.8	19.1
7 10	20 22.60	−17 34.4	1.279	2.273	7.1	18.8
7 20	20 14.86	−19 35.3	1.245	2.260	1.8	18.5
7 30	20 6.30	−21 40.2	1.238	2.247	3.6	18.6
8 9	19 58.26	−23 38.9	1.255	2.236	8.9	18.8
8 19	19 51.98	−25 23.1	1.297	2.225	13.7	19.1
8 29	19 48.48	−26 48.2	1.359	2.215	17.8	19.3

476322 2007 YZ_5 7 23.5 248°.74 2°.2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.05	−24 54.8	2.078	2.954	11.9	21.6
6 30	20 31.54	−25 26.0	2.000	2.946	8.8	21.3
7 10	20 24.04	−25 58.6	1.946	2.938	5.3	21.1
7 20	20 15.16	−26 28.4	1.919	2.930	2.4	20.9
7 30	20 5.84	−26 51.6	1.919	2.921	3.8	21.0
8 9	19 57.08	−27 5.5	1.946	2.913	7.3	21.2
8 19	19 49.79	−27 9.1	1.998	2.904	10.7	21.4
8 29	19 44.68	−27 3.1	2.072	2.895	13.7	21.6

255508 2006 BG_{83} 7 23.5 222°.62 0°.2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.19	−17 41.9	2.777	3.637	9.8	21.2
6 30	20 28.23	−18 6.7	2.692	3.630	7.2	21.0
7 10	20 21.87	−18 36.7	2.632	3.622	4.3	20.8
7 20	20 14.58	−19 9.5	2.600	3.615	1.2	20.5
7 30	20 6.96	−19 42.6	2.597	3.607	2.1	20.6
8 9	19 59.69	−20 13.7	2.623	3.598	5.2	20.8
8 19	19 53.40	−20 40.8	2.676	3.589	8.1	21.0
8 29	19 48.60	−21 2.7	2.753	3.581	10.6	21.1

471092 2010 AA_{38} 7 23.5 243°.54 0°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.18	−17 39.8	2.142	3.006	12.1	22.0
6 30	20 31.69	−18 34.0	2.049	2.989	9.0	21.7
7 10	20 24.20	−19 37.2	1.980	2.971	5.3	21.5
7 20	20 15.24	−20 45.5	1.938	2.952	1.4	21.2
7 30	20 5.64	−21 53.9	1.925	2.933	2.8	21.3
8 9	19 56.38	−22 57.4	1.940	2.913	6.9	21.5
8 19	19 48.39	−23 52.5	1.982	2.893	10.6	21.7
8 29	19 42.44	−24 37.4	2.047	2.871	13.8	21.8

423157 2004 ET_{90} 7 23.5 174°.69 0°.5/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.96	−19 6.7	1.911	2.781	13.1	22.1
6 30	20 32.96	−19 40.2	1.841	2.784	9.6	21.9
7 10	20 24.87	−20 20.1	1.794	2.786	5.7	21.6
7 20	20 15.39	−21 2.2	1.773	2.787	1.5	21.4
7 30	20 5.47	−21 42.4	1.779	2.788	3.0	21.5
8 9	19 56.20	−22 16.9	1.814	2.788	7.1	21.7
8 19	19 48.51	−22 43.5	1.874	2.788	10.9	22.0
8 29	19 43.12	−23 1.5	1.956	2.787	14.1	22.2

202845 2008 TN_{12} 7 23.5 78°.55 0°.2/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.53	−19 45.3	1.662	2.537	14.4	20.1
6 30	20 34.03	−19 54.4	1.615	2.561	10.6	20.0
7 10	20 25.38	−20 8.2	1.591	2.584	6.2	19.8
7 20	20 15.47	−20 23.3	1.593	2.608	1.6	19.5
7 30	20 5.43	−20 36.4	1.621	2.631	3.0	19.7
8 9	19 56.39	−20 45.1	1.676	2.653	7.3	20.0
8 19	19 49.27	−20 48.3	1.756	2.676	11.2	20.3
8 29	19 44.67	−20 45.9	1.857	2.698	14.4	20.5

512837 2016 UD_{123} 7 23.5 174°.61 4°.8/20.4 18

6 20	20 37.74	−33 16.9	2.373	3.243	10.8	21.8
6 30	20 31.90	−34 9.2	2.308	3.244	8.3	21.6
7 10	20 24.17	−34 57.1	2.268	3.245	5.9	21.5
7 20	20 15.19	−35 35.7	2.255	3.246	4.8	21.4
7 30	20 5.85	−36 0.8	2.269	3.247	5.8	21.5
8 9	19 57.13	−36 10.6	2.310	3.247	8.1	21.6
8 19	19 49.86	−36 5.4	2.375	3.247	10.6	21.8
8 29	19 44.69	−35 47.0	2.463	3.247	12.9	22.0

326940 2004 CN_{76} 7 23.5 169°.98 3°.2/25.2 18

6 20	20 36.22	− 9 37.0	1.611	2.471	15.6	20.4
6 30	20 31.20	− 9 58.6	1.541	2.472	12.0	20.1
7 10	20 23.95	−10 36.6	1.492	2.473	7.9	19.9
7 20	20 15.17	−11 28.8	1.467	2.474	4.1	19.7
7 30	20 5.88	−12 30.8	1.467	2.474	4.0	19.7
8 9	19 57.25	−13 37.1	1.494	2.474	7.7	19.9
8 19	19 50.30	−14 42.2	1.546	2.475	11.8	20.1
8 29	19 45.81	−15 41.9	1.619	2.475	15.4	20.4

447040 2004 RP_{49} 7 23.5 300°.47 4°.1/21.2 18

6 20	20 36.89	−30 29.3	2.094	2.973	11.7	20.7
6 30	20 31.58	−31 3.8	2.010	2.954	8.9	20.5
7 10	20 24.14	−31 35.8	1.949	2.934	6.0	20.3
7 20	20 15.22	−32 0.3	1.913	2.915	4.1	20.1
7 30	20 5.76	−32 13.3	1.905	2.896	5.4	20.1
8 9	19 56.84	−32 12.3	1.923	2.877	8.3	20.3
8 19	19 49.44	−31 57.4	1.965	2.858	11.5	20.5
8 29	19 44.33	−31 30.2	2.029	2.840	14.4	20.6

272119 2005 LM_{33} 7 23.5 318°.59 4°.4/21.2 18

6 20	20 34.46	−24 39.9	1.234	2.140	16.3	20.2
6 30	20 30.95	−25 59.6	1.160	2.120	12.2	19.9
7 10	20 24.36	−27 27.9	1.105	2.101	7.7	19.6
7 20	20 15.38	−28 55.6	1.074	2.083	4.4	19.3
7 30	20 5.37	−30 12.5	1.065	2.065	6.7	19.4
8 9	19 56.05	−31 10.3	1.080	2.049	11.5	19.6
8 19	19 48.98	−31 45.4	1.115	2.033	16.3	19.9
8 29	19 45.35	−31 58.3	1.168	2.017	20.5	20.1

286477 2002 AV_{167} 7 23.5 124°.87 6°.5/29.6 18

6 20	20 32.69	+ 5 14.2	2.533	3.301	13.2	20.5
6 30	20 27.86	+ 4 51.5	2.457	3.309	11.2	20.3
7 10	20 21.64	+ 4 9.0	2.402	3.317	9.0	20.2
7 20	20 14.52	+ 3 7.1	2.372	3.325	7.2	20.1
7 30	20 7.14	+ 1 47.8	2.368	3.333	6.5	20.1
8 9	20 0.17	+ 0 15.2	2.392	3.340	7.3	20.1
8 19	19 54.23	− 1 25.5	2.443	3.347	9.1	20.3
8 29	19 49.83	− 3 8.6	2.520	3.354	11.3	20.4

441999 2010 OQ_{12} 7 23.5 250°.61 6°.0/27.6 18

6 20	20 32.51	+ 1 30.2	2.771	3.556	11.8	21.4
6 30	20 27.75	+ 1 48.6	2.672	3.539	9.9	21.2
7 10	20 21.62	+ 1 52.7	2.596	3.521	8.0	21.1
7 20	20 14.54	+ 1 41.6	2.544	3.503	6.4	20.9
7 30	20 7.07	+ 1 15.5	2.519	3.485	6.0	20.9
8 9	19 59.86	+ 0 36.3	2.521	3.466	7.1	20.9
8 19	19 53.53	− 0 13.2	2.549	3.447	9.0	21.0
8 29	19 48.60	− 1 9.2	2.602	3.428	11.2	21.1

510114 2010 SC_{23} 7 23.5 327°.96 4°.7/26.2 18

6 20	20 31.74	− 6 2.8	1.890	2.735	14.2	21.1
6 30	20 27.69	− 5 59.8	1.808	2.726	11.3	20.9
7 10	20 21.79	− 6 12.7	1.748	2.716	8.2	20.7
7 20	20 14.60	− 6 41.1	1.712	2.708	5.4	20.5
7 30	20 6.95	− 7 23.3	1.701	2.699	5.0	20.4
8 9	19 59.77	− 8 15.3	1.717	2.691	7.5	20.6
8 19	19 53.91	− 9 12.8	1.757	2.684	10.7	20.7
8 29	19 50.05	−10 11.0	1.819	2.677	13.9	20.9

410690 2008 XT_{32} 7 23.5 86°.02 5°.3/21.3 17

6 20	20 42.06	−28 23.9	1.268	2.163	16.7	21.0
6 30	20 36.15	−29 30.0	1.219	2.173	12.5	20.8
7 10	20 27.11	−30 35.0	1.191	2.182	8.1	20.5
7 20	20 16.01	−31 29.8	1.186	2.191	5.3	20.4
7 30	20 4.43	−32 6.4	1.205	2.200	7.1	20.5
8 9	19 54.11	−32 21.4	1.248	2.209	11.1	20.8
8 19	19 46.41	−32 15.8	1.312	2.218	15.2	21.1
8 29	19 42.16	−31 53.3	1.395	2.227	18.7	21.3

184918 2005 UO_{472} 7 23.5 1°.03 1°.5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.63	−22 46.6	2.057	2.937	11.9	20.7
6 30	20 29.71	−23 17.1	1.988	2.936	8.7	20.5
7 10	20 22.92	−23 50.4	1.942	2.936	5.2	20.3
7 20	20 14.90	−24 23.0	1.923	2.936	1.9	20.1
7 30	20 6.52	−24 51.0	1.930	2.936	3.3	20.2
8 9	19 58.73	−25 11.6	1.965	2.937	6.9	20.4
8 19	19 52.36	−25 23.5	2.024	2.937	10.3	20.6
8 29	19 48.05	−25 26.7	2.106	2.938	13.2	20.8

221623 2006 XH_{61} 7 23.5 328°.33 3°.1/21.8 18

6 20	20 35.77	−22 52.8	1.375	2.271	15.6	20.0
6 30	20 31.47	−24 3.6	1.308	2.265	11.5	19.8
7 10	20 24.41	−25 21.9	1.262	2.258	6.9	19.5
7 20	20 15.36	−26 40.1	1.240	2.252	3.2	19.3
7 30	20 5.60	−27 49.8	1.244	2.247	5.3	19.4
8 9	19 56.60	−28 44.3	1.271	2.242	9.9	19.6
8 19	19 49.69	−29 20.7	1.320	2.237	14.3	19.9
8 29	19 45.81	−29 39.1	1.389	2.233	18.1	20.1

9579 Passchendaele 7 23.5 114°.92 0°.2/23.4 18

6 20	20 39.82	−19 7.6	1.664	2.539	14.4	18.3
6 30	20 33.71	−19 25.0	1.605	2.550	10.6	18.1
7 10	20 25.34	−19 48.5	1.568	2.561	6.3	17.9
7 20	20 15.54	−20 14.2	1.557	2.572	1.6	17.6
7 30	20 5.40	−20 38.3	1.573	2.582	3.1	17.8
8 9	19 56.15	−20 57.5	1.615	2.592	7.6	18.1
8 19	19 48.74	−21 10.3	1.681	2.602	11.6	18.3
8 29	19 43.88	−21 16.2	1.769	2.611	14.9	18.6

423507 2005 TG_{193} 7 23.5 18°.02 0°.4/23.3 17

6 20	20 35.08	−19 34.7	1.157	2.060	17.4	20.5
6 30	20 30.96	−19 49.0	1.106	2.065	12.8	20.2
7 10	20 24.02	−20 11.3	1.075	2.072	7.6	20.0
7 20	20 15.22	−20 37.2	1.065	2.080	2.0	19.7
7 30	20 6.00	−21 1.4	1.078	2.088	3.8	19.8
8 9	19 57.91	−21 19.6	1.115	2.098	9.2	20.2
8 19	19 52.14	−21 29.8	1.172	2.109	14.0	20.5
8 29	19 49.50	−21 31.3	1.249	2.121	18.0	20.8

510127 2010 TL_{176} 7 23.5 308°.68 1°.0/23.8 18

6 20	20 37.20	−18 19.7	2.043	2.911	12.4	20.4
6 30	20 31.57	−17 55.1	1.960	2.900	9.3	20.2
7 10	20 24.03	−17 34.0	1.900	2.890	5.7	20.0
7 20	20 15.20	−17 15.2	1.867	2.880	1.9	19.7
7 30	20 5.98	−16 57.6	1.861	2.870	2.7	19.7
8 9	19 57.32	−16 40.2	1.883	2.860	6.6	20.0
8 19	19 50.09	−16 22.3	1.930	2.851	10.3	20.2
8 29	19 44.96	−16 3.8	2.000	2.842	13.4	20.4

467408 2005 JW_{165} 7 23.5 51°.00 3°.2/22.3 17

6 20	20 39.85	−24 42.1	1.218	2.116	17.0	21.1
6 30	20 34.32	−25 23.5	1.176	2.133	12.4	20.8
7 10	20 25.90	−26 6.7	1.156	2.151	7.5	20.6
7 20	20 15.68	−26 44.5	1.157	2.169	3.4	20.4
7 30	20 5.22	−27 10.9	1.184	2.188	5.3	20.6
8 9	19 56.08	−27 22.6	1.233	2.207	9.8	20.9
8 19	19 49.45	−27 19.9	1.305	2.226	14.1	21.2
8 29	19 46.04	−27 4.8	1.396	2.245	17.7	21.5

272517 2005 UL_{249} 7 23.5 52°.30 1°.3/22.9 17

6 20	20 37.41	−20 58.1	1.556	2.441	14.7	20.9
6 30	20 32.20	−21 32.3	1.494	2.445	10.8	20.7
7 10	20 24.59	−22 12.2	1.454	2.449	6.4	20.4
7 20	20 15.38	−22 53.0	1.438	2.452	1.9	20.2
7 30	20 5.72	−23 29.6	1.449	2.456	3.7	20.3
8 9	19 56.89	−23 57.8	1.484	2.460	8.2	20.6
8 19	19 49.96	−24 15.8	1.544	2.465	12.4	20.8
8 29	19 45.70	−24 23.4	1.624	2.469	15.9	21.1

289796 2005 JE_{128} 7 23.5 268°.04 3°.2/25.8 18

6 20	20 33.92	− 7 16.4	2.134	2.973	13.1	20.7
6 30	20 29.24	− 7 52.2	2.037	2.955	10.2	20.5
7 10	20 22.73	− 8 44.2	1.963	2.937	7.0	20.2
7 20	20 14.91	− 9 50.7	1.915	2.918	4.0	20.0
7 30	20 6.51	−11 8.2	1.895	2.899	3.7	19.9
8 9	19 58.41	−12 31.9	1.902	2.880	6.6	20.1
8 19	19 51.47	−13 56.4	1.937	2.860	10.1	20.3
8 29	19 46.41	−15 17.0	1.995	2.840	13.3	20.4

395044 2009 DB_{109} 7 23.5 206°.44 2°.3/25.1 18

6 20	20 34.42	−10 10.3	2.364	3.208	11.8	21.7
6 30	20 29.34	−10 41.9	2.280	3.203	9.0	21.5
7 10	20 22.65	−11 25.3	2.220	3.198	5.9	21.3
7 20	20 14.86	−12 18.4	2.186	3.193	2.9	21.1
7 30	20 6.67	−13 17.9	2.181	3.188	2.9	21.1
8 9	19 58.87	−14 20.0	2.205	3.181	5.9	21.3
8 19	19 52.18	−15 20.9	2.255	3.175	9.1	21.5
8 29	19 47.21	−16 17.6	2.330	3.168	11.9	21.7

171810 2001 DY_{86} 7 23.5 302.°43 7.°9/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 46.45	−12 39.2	0.961	1.846	21.6	19.4
6 30	20 40.07	−10 27.6	0.893	1.836	17.1	19.1
7 10	20 29.87	− 8 20.4	0.844	1.826	12.2	18.8
7 20	20 16.88	− 6 24.3	0.816	1.816	8.3	18.5
7 30	20 2.92	− 4 46.8	0.810	1.807	9.0	18.5
8 9	19 50.16	− 3 32.9	0.826	1.798	13.5	18.7
8 19	19 40.38	− 2 43.3	0.861	1.790	18.7	19.0
8 29	19 34.74	− 2 14.5	0.913	1.782	23.3	19.3

120400 2005 QP_{160} 7 23.5 277.°31 1.°0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.76	−21 1.1	2.217	3.090	11.4	20.8
6 30	20 29.84	−21 33.5	2.128	3.073	8.4	20.6
7 10	20 23.07	−22 10.7	2.063	3.056	5.0	20.3
7 20	20 15.00	−22 49.2	2.024	3.039	1.5	20.0
7 30	20 6.43	−23 25.3	2.014	3.021	2.9	20.1
8 9	19 58.26	−23 55.7	2.031	3.004	6.6	20.3
8 19	19 51.33	−24 18.5	2.074	2.986	10.1	20.5
8 29	19 46.35	−24 32.9	2.139	2.969	13.1	20.7

239829 1998 WK_{29} 7 23.5 247.°50 6.°5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.78	− 1 38.4	2.093	2.907	14.2	20.7
6 30	20 29.76	− 1 4.4	2.009	2.899	11.7	20.5
7 10	20 22.98	− 0 46.2	1.947	2.891	9.1	20.4
7 20	20 14.98	− 0 44.9	1.908	2.883	7.0	20.2
7 30	20 6.53	− 1 0.4	1.896	2.874	6.6	20.2
8 9	19 58.52	− 1 30.7	1.909	2.865	8.2	20.3
8 19	19 51.73	− 2 12.2	1.947	2.856	10.8	20.4
8 29	19 46.85	− 3 0.4	2.008	2.847	13.5	20.6

333498 2005 CG_{5} 7 23.5 258.°84 2.°5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.90	− 9 55.2	2.267	3.109	12.3	20.9
6 30	20 30.66	−10 21.8	2.162	3.085	9.5	20.6
7 10	20 23.59	−11 1.2	2.081	3.059	6.3	20.4
7 20	20 15.17	−11 52.0	2.027	3.034	3.2	20.2
7 30	20 6.12	−12 51.1	2.001	3.007	3.2	20.1
8 9	19 57.32	−13 54.4	2.003	2.980	6.4	20.3
8 19	19 49.62	−14 58.0	2.033	2.952	9.9	20.4
8 29	19 43.74	−15 58.2	2.086	2.923	13.1	20.6

368889 2006 SF_{91} 7 23.5 264.°27 1.°4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.03	−15 26.4	1.639	2.511	14.8	21.9
6 30	20 32.76	−15 35.7	1.553	2.495	11.2	21.6
7 10	20 25.06	−15 55.2	1.489	2.478	6.9	21.3
7 20	20 15.58	−16 22.4	1.449	2.462	2.5	21.0
7 30	20 5.38	−16 53.8	1.435	2.445	3.3	21.0
8 9	19 55.71	−17 25.2	1.447	2.427	7.9	21.3
8 19	19 47.73	−17 53.7	1.484	2.410	12.4	21.5
8 29	19 42.33	−18 16.8	1.541	2.392	16.3	21.7

92140 1999 XR_{114} 7 23.5 247.°19 3.°5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.54	−30 48.8	2.542	3.411	10.3	19.4
6 30	20 31.67	−31 16.8	2.461	3.400	7.7	19.3
7 10	20 24.04	−31 41.7	2.406	3.389	5.2	19.1
7 20	20 15.24	−31 59.7	2.377	3.378	3.6	19.0
7 30	20 6.07	−32 7.6	2.377	3.367	4.6	19.0
8 9	19 57.42	−32 4.0	2.404	3.355	7.1	19.2
8 19	19 50.05	−31 48.8	2.457	3.343	9.8	19.3
8 29	19 44.61	−31 23.6	2.533	3.331	12.2	19.5

453515 2009 UM_{122} 7 23.5 229.°49 4.°6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.55	−33 40.9	2.621	3.491	10.0	21.2
6 30	20 30.24	−34 37.3	2.554	3.488	7.7	21.0
7 10	20 23.21	−35 29.8	2.511	3.486	5.6	20.9
7 20	20 15.03	−36 13.9	2.495	3.483	4.6	20.8
7 30	20 6.48	−36 45.5	2.506	3.480	5.6	20.9
8 9	19 58.43	−37 2.8	2.545	3.477	7.7	21.0
8 19	19 51.63	−37 5.6	2.608	3.474	10.0	21.1
8 29	19 46.71	−36 55.3	2.693	3.470	12.1	21.3

270294 2001 VH_{115} 7 23.5 171.°04 3.°6/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.97	−10 12.3	1.937	2.785	13.9	20.6
6 30	20 32.14	− 9 53.9	1.864	2.787	10.7	20.4
7 10	20 24.38	− 9 46.6	1.813	2.789	7.3	20.1
7 20	20 15.34	− 9 49.7	1.788	2.791	4.2	20.0
7 30	20 5.93	−10 1.9	1.790	2.792	4.1	20.0
8 9	19 57.13	−10 20.5	1.819	2.793	7.1	20.2
8 19	19 49.80	−10 43.0	1.873	2.793	10.6	20.4
8 29	19 44.60	−11 6.5	1.950	2.793	13.7	20.6

286897 2002 PL_{48} 7 23.5 284.°74 1.°8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.71	−15 8.1	1.950	2.814	13.1	19.8
6 30	20 31.48	−14 58.2	1.854	2.791	9.9	19.5
7 10	20 24.16	−14 55.7	1.781	2.768	6.3	19.2
7 20	20 15.34	−14 59.4	1.733	2.745	2.6	19.0
7 30	20 5.89	−15 7.2	1.713	2.721	3.1	19.0
8 9	19 56.86	−15 17.0	1.719	2.697	7.1	19.2
8 19	19 49.20	−15 26.8	1.751	2.674	11.0	19.3
8 29	19 43.72	−15 34.9	1.805	2.650	14.5	19.5

362490 2010 TK_{16} 7 23.5 17.°54 3.°9/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.95	−30 26.5	2.003	2.882	12.2	20.5
6 30	20 32.23	−30 50.5	1.940	2.884	9.1	20.4
7 10	20 24.45	−31 10.6	1.900	2.886	6.0	20.2
7 20	20 15.37	−31 22.5	1.885	2.888	4.0	20.0
7 30	20 5.98	−31 22.8	1.898	2.891	5.1	20.1
8 9	19 57.36	−31 10.1	1.936	2.894	8.1	20.3
8 19	19 50.41	−30 45.3	2.000	2.897	11.2	20.5
8 29	19 45.79	−30 10.5	2.085	2.901	13.9	20.7

509105 2005 VZ_{111} 7 23.5 274.°58 0.°2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.54	−19 13.6	1.766	2.641	13.8	22.2
6 30	20 33.09	−19 26.9	1.673	2.618	10.3	22.0
7 10	20 25.26	−19 46.5	1.602	2.595	6.2	21.7
7 20	20 15.66	−20 9.3	1.557	2.571	1.6	21.3
7 30	20 5.30	−20 31.6	1.538	2.547	3.1	21.4
8 9	19 55.41	−20 49.8	1.546	2.523	7.8	21.6
8 19	19 47.10	−21 2.0	1.578	2.499	12.2	21.8
8 29	19 41.30	−21 7.3	1.632	2.474	16.0	22.0

102474 1999 TZ_{245} 7 23.5 281.°42 4.°5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.81	− 5 39.4	1.866	2.707	14.6	19.9
6 30	20 29.38	− 5 56.7	1.774	2.689	11.6	19.7
7 10	20 22.94	− 6 32.3	1.703	2.671	8.3	19.5
7 20	20 15.03	− 7 25.3	1.656	2.653	5.3	19.2
7 30	20 6.49	− 8 33.1	1.635	2.635	4.8	19.2
8 9	19 58.32	− 9 50.6	1.641	2.617	7.6	19.3
8 19	19 51.47	−11 12.1	1.672	2.599	11.2	19.5
8 29	19 46.73	−12 32.2	1.726	2.580	14.7	19.7

252951 2002 PW_{78} 7 23.5 287.°24 1.°0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.25	−20 6.9	1.846	2.725	13.0	20.1
6 30	20 30.51	−20 49.0	1.764	2.712	9.6	19.8
7 10	20 23.63	−21 38.2	1.705	2.699	5.7	19.6
7 20	20 15.21	−22 30.2	1.671	2.686	1.7	19.3
7 30	20 6.20	−23 19.9	1.665	2.673	3.3	19.4
8 9	19 57.69	−24 2.9	1.685	2.660	7.5	19.6
8 19	19 50.68	−24 36.4	1.730	2.647	11.5	19.8
8 29	19 45.98	−24 59.3	1.796	2.634	14.9	20.0

502104 2015 AA_{265} 7 23.5 213.°70 2.°3/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.76	−10 12.5	1.816	2.670	14.4	21.3
6 30	20 31.55	−10 57.6	1.736	2.665	11.0	21.1
7 10	20 24.21	−11 58.9	1.677	2.660	7.1	20.9
7 20	20 15.37	−13 13.2	1.644	2.654	3.2	20.6
7 30	20 5.94	−14 35.4	1.639	2.647	3.3	20.6
8 9	19 57.01	−15 59.3	1.661	2.640	7.2	20.8
8 19	19 49.56	−17 19.4	1.709	2.633	11.2	21.1
8 29	19 44.38	−18 31.5	1.780	2.625	14.7	21.3

446437 2014 JD_{42} 7 23.5 73.°54 2.°0/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.18	−11 49.3	2.040	2.897	12.9	20.9
6 30	20 29.23	−12 16.4	1.981	2.913	9.7	20.7
7 10	20 22.59	−12 54.6	1.945	2.929	6.2	20.6
7 20	20 14.89	−13 41.2	1.935	2.944	2.8	20.4
7 30	20 6.92	−14 32.6	1.952	2.960	2.9	20.4
8 9	19 59.57	−15 24.9	1.996	2.975	6.2	20.6
8 19	19 53.56	−16 14.6	2.067	2.991	9.5	20.9
8 29	19 49.47	−16 59.0	2.161	3.006	12.4	21.1

117424 2005 AX_{19} 7 23.5 140.°20 1.°2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.12	−23 23.2	2.035	2.906	12.4	19.9
6 30	20 33.66	−23 25.8	1.969	2.912	9.1	19.7
7 10	20 25.24	−23 29.1	1.926	2.918	5.4	19.5
7 20	20 15.58	−23 30.3	1.910	2.923	1.7	19.2
7 30	20 5.65	−23 26.8	1.921	2.929	3.1	19.4
8 9	19 56.47	−23 17.3	1.961	2.933	6.8	19.6
8 19	19 48.89	−23 1.7	2.026	2.938	10.3	19.8
8 29	19 43.54	−22 40.7	2.114	2.942	13.3	20.0

193617 2001 CO_{18} 7 23.5 219.°57 1.°5/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.06	−13 47.3	2.144	3.001	12.4	20.8
6 30	20 30.73	−14 7.0	2.061	2.994	9.3	20.6
7 10	20 23.58	−14 36.2	2.001	2.987	5.8	20.3
7 20	20 15.18	−15 12.6	1.967	2.979	2.3	20.1
7 30	20 6.32	−15 53.1	1.962	2.971	2.7	20.1
8 9	19 57.92	−16 34.3	1.984	2.962	6.3	20.3
8 19	19 50.79	−17 13.1	2.032	2.953	9.9	20.5
8 29	19 45.60	−17 47.4	2.104	2.943	13.0	20.7

20904 2190 P–L 7 23.5 149.°76 1.°9/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.65	−12 26.2	2.655	3.503	10.6	19.9
6 30	20 28.55	−12 33.9	2.582	3.508	8.0	19.7
7 10	20 22.09	−12 49.3	2.533	3.514	5.1	19.6
7 20	20 14.75	−13 11.1	2.511	3.519	2.4	19.4
7 30	20 7.17	−13 37.1	2.517	3.524	2.5	19.4
8 9	20 0.01	−14 5.2	2.553	3.529	5.2	19.6
8 19	19 53.88	−14 33.2	2.615	3.533	8.0	19.8
8 29	19 49.27	−14 59.3	2.701	3.537	10.5	20.0

275971 2001 WS_{91} 7 23.5 301°.25 0°.4/23.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.46	−20 42.9	1.497	2.382	15.2	20.3
6 30	20 33.48	−20 43.1	1.403	2.354	11.4	20.0
7 10	20 25.72	−20 48.1	1.331	2.325	6.9	19.7
7 20	20 15.84	−20 54.6	1.282	2.296	1.8	19.3
7 30	20 5.01	−20 58.8	1.258	2.268	3.6	19.3
8 9	19 54.69	−20 57.8	1.260	2.239	8.9	19.6
8 19	19 46.23	−20 50.2	1.284	2.211	13.8	19.8
8 29	19 40.71	−20 36.0	1.328	2.183	18.2	20.0

137341 1999 TD_{83} 7 23.5 152°.10 0°.1/23.5 18

6 20	20 34.30	−18 20.1	2.571	3.434	10.4	21.3
6 30	20 29.11	−18 42.5	2.500	3.439	7.6	21.1
7 10	20 22.46	−19 9.5	2.453	3.443	4.5	20.9
7 20	20 14.87	−19 38.9	2.433	3.448	1.2	20.7
7 30	20 7.00	−20 7.9	2.442	3.452	2.2	20.8
8 9	19 59.59	−20 34.1	2.480	3.455	5.4	21.0
8 19	19 53.28	−20 55.8	2.544	3.459	8.4	21.2
8 29	19 48.61	−21 12.2	2.633	3.462	11.0	21.4

193561 2001 AG_{11} 7 23.5 254°.43 1°.6/24.4 18

6 20	20 37.02	−13 37.9	2.256	3.109	12.0	21.3
6 30	20 31.50	−13 55.8	2.155	3.086	9.1	21.0
7 10	20 24.12	−14 23.1	2.077	3.062	5.8	20.8
7 20	20 15.36	−14 57.9	2.026	3.037	2.3	20.5
7 30	20 5.99	−15 37.4	2.003	3.012	2.7	20.5
8 9	19 56.92	−16 18.3	2.009	2.985	6.4	20.7
8 19	19 49.01	−16 57.5	2.041	2.959	10.0	20.9
8 29	19 42.98	−17 32.7	2.097	2.931	13.2	21.0

444108 2004 TQ_{92} 7 23.5 342°.74 2°.3/24.6 18

6 20	20 32.26	−13 42.7	1.734	2.608	14.0	20.6
6 30	20 28.27	−13 37.6	1.657	2.598	10.6	20.3
7 10	20 22.26	−13 42.8	1.601	2.589	6.8	20.1
7 20	20 14.86	−13 56.7	1.570	2.580	3.1	19.8
7 30	20 6.98	−14 17.0	1.564	2.572	3.3	19.8
8 9	19 59.66	−14 40.6	1.583	2.565	7.2	20.1
8 19	19 53.84	−15 4.6	1.627	2.559	11.1	20.3
8 29	19 50.22	−15 26.4	1.692	2.553	14.6	20.5

22335 1992 ED_{18} 7 23.5 89°.42 6°.1/27.3 18

6 20	20 33.98	− 2 2.0	1.874	2.699	15.2	18.3
6 30	20 29.29	− 1 57.2	1.803	2.702	12.3	18.1
7 10	20 22.75	− 2 11.4	1.752	2.705	9.3	17.9
7 20	20 14.97	− 2 44.6	1.725	2.709	6.8	17.8
7 30	20 6.81	− 3 34.8	1.724	2.712	6.2	17.7
8 9	19 59.20	− 4 37.9	1.748	2.715	8.0	17.8
8 19	19 52.97	− 5 48.5	1.798	2.718	10.9	18.0
8 29	19 48.79	− 7 1.1	1.870	2.721	13.8	18.2

111612 2002 AG_{107} 7 23.5 81°.57 0°.3/23.3 18

6 20	20 35.51	−19 35.1	2.169	3.040	11.7	19.9
6 30	20 30.16	−19 55.8	2.110	3.053	8.6	19.7
7 10	20 23.13	−20 20.9	2.074	3.066	5.0	19.5
7 20	20 15.04	−20 47.3	2.065	3.079	1.3	19.3
7 30	20 6.72	−21 12.2	2.083	3.092	2.5	19.4
8 9	19 59.03	−21 32.9	2.130	3.105	6.1	19.7
8 19	19 52.70	−21 48.1	2.202	3.118	9.4	19.9
8 29	19 48.30	−21 57.0	2.297	3.131	12.2	20.1

361508 2007 EX_{136} 7 23.5 120°.08 8°.8/15.8 18

6 20	20 44.23	−50 40.9	2.782	3.597	11.0	21.2
6 30	20 36.99	−52 7.4	2.747	3.611	9.7	21.1
7 10	20 27.38	−53 19.4	2.735	3.625	9.0	21.1
7 20	20 16.20	−54 11.2	2.748	3.638	8.9	21.1
7 30	20 4.56	−54 38.9	2.786	3.651	9.6	21.2
8 9	19 53.73	−54 42.2	2.846	3.663	10.7	21.3
8 19	19 44.75	−54 23.4	2.928	3.675	11.9	21.4
8 29	19 38.40	−53 46.4	3.027	3.687	13.1	21.5

297582 2001 SY_{12} 7 23.5 308°.48 5°.0/21.2 18

6 20	20 38.75	−31 51.8	1.811	2.693	13.1	20.4
6 30	20 33.26	−32 25.9	1.735	2.679	10.0	20.2
7 10	20 25.33	−32 55.7	1.680	2.664	6.9	20.0
7 20	20 15.69	−33 15.6	1.651	2.650	5.0	19.8
7 30	20 5.49	−33 20.6	1.647	2.636	6.3	19.9
8 9	19 56.02	−33 8.7	1.669	2.623	9.4	20.0
8 19	19 48.38	−32 40.8	1.714	2.609	12.8	20.2
8 29	19 43.42	−31 59.5	1.780	2.596	15.9	20.4

185006 2006 PD_{12} 7 23.5 4°.03 0°.2/23.4 18

6 20	20 35.99	−19 23.5	1.865	2.742	13.1	20.2
6 30	20 30.86	−19 38.3	1.796	2.742	9.6	20.0
7 10	20 23.72	−19 58.5	1.749	2.742	5.7	19.8
7 20	20 15.24	−20 21.1	1.727	2.742	1.5	19.5
7 30	20 6.37	−20 42.6	1.733	2.742	2.8	19.6
8 9	19 58.15	−21 0.2	1.765	2.743	7.0	19.8
8 19	19 51.48	−21 12.2	1.822	2.743	10.7	20.1
8 29	19 47.04	−21 17.8	1.901	2.744	14.0	20.3

217481 2005 YW_{170} 7 23.5 232°.73 2°.9/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 32.18	− 7 45.9	2.665	3.498	10.9	20.3
6 30	20 27.58	− 8 9.8	2.577	3.491	8.5	20.2
7 10	20 21.60	− 8 45.4	2.512	3.483	5.8	20.0
7 20	20 14.67	− 9 31.2	2.474	3.475	3.4	19.8
7 30	20 7.39	−10 24.9	2.464	3.466	3.2	19.8
8 9	20 0.43	−11 23.4	2.483	3.458	5.5	19.9
8 19	19 54.41	−12 23.1	2.530	3.449	8.2	20.1
8 29	19 49.85	−13 21.1	2.601	3.440	10.8	20.2

321344 2009 JC_{18} 7 23.5 17°.57 0°.9/23.9 17

6 20	20 31.52	−15 16.0	0.952	1.862	19.5	19.5
6 30	20 28.73	−15 51.5	0.907	1.869	14.5	19.3
7 10	20 22.91	−16 44.2	0.880	1.878	8.7	19.0
7 20	20 15.07	−17 48.1	0.874	1.888	2.6	18.7
7 30	20 6.75	−18 54.9	0.889	1.900	3.9	18.8
8 9	19 59.62	−19 56.5	0.925	1.913	9.8	19.2
8 19	19 55.00	−20 46.9	0.982	1.928	15.0	19.5
8 29	19 53.70	−21 23.4	1.056	1.944	19.3	19.8

156377 2001 YQ_{41} 7 23.5 107°.38 4°.9/20.6 18

6 20	20 39.14	−29 3.0	1.710	2.594	13.7	20.0
6 30	20 33.53	−30 23.2	1.654	2.601	10.2	19.8
7 10	20 25.46	−31 42.6	1.621	2.608	6.8	19.6
7 20	20 15.73	−32 53.5	1.614	2.614	5.0	19.5
7 30	20 5.50	−33 48.9	1.633	2.621	6.5	19.6
8 9	19 56.09	−34 25.0	1.677	2.627	9.7	19.9
8 19	19 48.60	−34 41.6	1.745	2.633	13.0	20.1
8 29	19 43.83	−34 40.6	1.833	2.639	15.9	20.3

390209 2012 XM_{11} 7 23.5 214°.75 0°.1/23.6 17

6 20	20 36.16	−18 11.1	1.965	2.836	12.7	22.0
6 30	20 30.92	−18 31.0	1.891	2.835	9.4	21.8
7 10	20 23.74	−18 57.2	1.841	2.833	5.6	21.5
7 20	20 15.26	−19 26.9	1.817	2.831	1.5	21.3
7 30	20 6.36	−19 56.6	1.820	2.829	2.7	21.3
8 9	19 58.05	−20 23.0	1.850	2.827	6.7	21.6
8 19	19 51.20	−20 44.1	1.905	2.825	10.4	21.8
8 29	19 46.48	−20 58.8	1.983	2.823	13.6	22.0

255094 2005 UM_{49} 7 23.5 306°.10 2°.4/24.6 18 R

6 20	20 34.93	−13 45.7	1.990	2.853	12.9	20.1
6 30	20 30.05	−13 28.2	1.903	2.838	9.9	19.9
7 10	20 23.26	−13 18.5	1.839	2.823	6.4	19.7
7 20	20 15.14	−13 15.9	1.800	2.809	3.0	19.4
7 30	20 6.54	−13 19.0	1.788	2.795	3.3	19.4
8 9	19 58.42	−13 25.9	1.802	2.780	6.8	19.6
8 19	19 51.63	−13 34.6	1.842	2.767	10.4	19.8
8 29	19 46.90	−13 43.3	1.904	2.753	13.7	20.0

187416 2005 VV_{78} 7 23.5 265°.42 5°.9/19.3 18

6 20	20 37.63	−36 3.8	2.333	3.202	11.1	20.0
6 30	20 32.11	−37 10.7	2.261	3.192	8.7	19.8
7 10	20 24.52	−38 12.4	2.214	3.182	6.7	19.6
7 20	20 15.48	−39 3.0	2.192	3.171	5.9	19.6
7 30	20 5.93	−39 37.6	2.197	3.161	7.0	19.6
8 9	19 56.91	−39 53.7	2.228	3.150	9.1	19.7
8 19	19 49.38	−39 51.5	2.283	3.139	11.6	19.9
8 29	19 44.07	−39 33.2	2.359	3.129	13.8	20.0

7202 Kigoshi 7 23.5 310°.46 1°.8/22.8 18

6 20	20 37.52	−24 2.4	1.635	2.522	14.1	17.4
6 30	20 32.56	−24 10.4	1.546	2.497	10.5	17.1
7 10	20 25.05	−24 20.0	1.478	2.472	6.3	16.8
7 20	20 15.68	−24 27.3	1.434	2.447	2.3	16.5
7 30	20 5.55	−24 28.3	1.416	2.423	4.0	16.5
8 9	19 55.99	−24 20.6	1.424	2.399	8.6	16.8
8 19	19 48.21	−24 3.4	1.455	2.376	13.0	17.0
8 29	19 43.15	−23 37.9	1.507	2.353	16.8	17.1

141063 2001 XZ_{11} 7 23.5 179°.65 1°.6/22.5 18

6 20	20 37.14	−24 58.5	2.762	3.627	9.7	20.3
6 30	20 31.14	−25 16.5	2.688	3.628	7.1	20.2
7 10	20 23.66	−25 34.6	2.639	3.629	4.3	20.0
7 20	20 15.21	−25 49.9	2.618	3.629	1.8	19.8
7 30	20 6.50	−26 0.2	2.626	3.629	2.9	19.9
8 9	19 58.28	−26 3.9	2.663	3.628	5.7	20.1
8 19	19 51.20	−26 0.6	2.727	3.627	8.4	20.3
8 29	19 45.78	−25 50.6	2.815	3.626	10.8	20.4

294090 2007 TY_{212} 7 23.5 4°.65 1°.2/22.9 17

6 20	20 37.04	−22 25.4	1.698	2.581	13.8	20.3
6 30	20 31.81	−22 37.6	1.631	2.581	10.1	20.1
7 10	20 24.36	−22 52.6	1.587	2.581	6.0	19.8
7 20	20 15.43	−23 6.9	1.568	2.582	1.8	19.6
7 30	20 6.10	−23 16.9	1.575	2.583	3.4	19.7
8 9	19 57.55	−23 20.2	1.608	2.584	7.7	19.9
8 19	19 50.76	−23 16.0	1.665	2.586	11.6	20.2
8 29	19 46.44	−23 4.5	1.743	2.587	15.0	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
63794 2001 RH_{20}			7 23.5 267.°83		0.°1/23.5 18	
	h m	° ′			°	m
6 20	20 38.29	−18 37.7	1.734	2.609	14.0	20.9
6 30	20 32.91	−18 53.3	1.646	2.591	10.4	20.6
7 10	20 25.16	−19 16.0	1.581	2.573	6.3	20.3
7 20	20 15.69	−19 42.6	1.540	2.555	1.7	20.0
7 30	20 5.52	−20 9.1	1.526	2.536	3.1	20.1
8 9	19 55.87	−20 32.1	1.539	2.517	7.8	20.3
8 19	19 47.85	−20 49.1	1.576	2.498	12.1	20.5
8 29	19 42.33	−20 59.1	1.635	2.478	15.8	20.7
101902 Gisellaluccone			7 23.5 251.°34		2.°1/22.6 18	
6 20	20 40.43	−23 28.6	1.603	2.486	14.5	19.5
6 30	20 34.65	−23 55.3	1.526	2.475	10.8	19.3
7 10	20 26.24	−24 25.3	1.470	2.464	6.5	19.0
7 20	20 15.98	−24 53.6	1.439	2.452	2.4	18.7
7 30	20 5.05	−25 15.2	1.435	2.441	4.2	18.8
8 9	19 54.84	−25 26.5	1.456	2.429	8.7	19.0
8 19	19 46.55	−25 26.7	1.501	2.417	13.0	19.3
8 29	19 41.09	−25 16.4	1.567	2.404	16.7	19.5
393669 2004 RQ_{93}			7 23.5 327.°07		6.°4/27.0 18	
6 20	20 31.52	− 2 26.9	1.906	2.736	14.8	20.3
6 30	20 27.59	− 2 5.1	1.822	2.723	12.1	20.1
7 10	20 21.83	− 2 0.7	1.758	2.711	9.3	19.9
7 20	20 14.78	− 2 14.7	1.718	2.699	7.0	19.7
7 30	20 7.25	− 2 46.3	1.702	2.688	6.5	19.7
8 9	20 0.16	− 3 32.6	1.712	2.677	8.3	19.8
8 19	19 54.33	− 4 29.2	1.746	2.667	11.1	19.9
8 29	19 50.48	− 5 30.9	1.802	2.657	14.1	20.1
297011 2010 FU_{88}			7 23.5 142.°40		6.°3/27.4 18	
6 20	20 35.02	− 0 34.0	2.153	2.960	14.1	20.9
6 30	20 29.82	− 0 14.1	2.082	2.967	11.6	20.8
7 10	20 22.98	− 0 11.1	2.032	2.973	9.0	20.6
7 20	20 15.06	− 0 25.7	2.006	2.979	6.9	20.5
7 30	20 6.81	− 0 56.7	2.007	2.985	6.4	20.5
8 9	19 59.08	− 1 41.2	2.034	2.990	7.8	20.6
8 19	19 52.59	− 2 35.1	2.086	2.995	10.2	20.7
8 29	19 47.93	− 3 33.9	2.162	3.000	12.7	20.9
128842 2004 RU_{338}			7 23.5 265.°27		4.°2/26.6 18	
6 20	20 34.67	− 3 59.0	1.819	2.654	15.2	19.6
6 30	20 30.04	− 4 51.5	1.733	2.645	12.1	19.3
7 10	20 23.36	− 6 6.4	1.669	2.636	8.5	19.1
7 20	20 15.21	− 7 41.8	1.629	2.628	5.2	18.9
7 30	20 6.46	− 9 32.5	1.617	2.619	4.5	18.8
8 9	19 58.13	−11 31.1	1.632	2.610	7.4	19.0
8 19	19 51.18	−13 29.8	1.674	2.601	11.2	19.2
8 29	19 46.41	−15 21.7	1.740	2.592	14.6	19.4
50489 2000 DY_{87}			7 23.5 285.°07		2.°5/22.2 18	
6 20	20 37.28	−22 15.9	1.513	2.402	14.8	18.8
6 30	20 32.56	−23 14.4	1.432	2.385	11.0	18.6
7 10	20 25.16	−24 20.8	1.374	2.369	6.6	18.3
7 20	20 15.74	−25 28.7	1.339	2.352	2.7	18.0
7 30	20 5.47	−26 30.6	1.330	2.335	4.7	18.1
8 9	19 55.77	−27 20.6	1.347	2.318	9.4	18.3
8 19	19 47.96	−27 55.3	1.386	2.302	13.9	18.5
8 29	19 43.04	−28 14.3	1.445	2.285	17.7	18.7
446703 2015 OT_{30}			7 23.5 310.°77		1.°4/24.4 18	
6 20	20 32.48	−13 26.6	2.025	2.890	12.7	20.7
6 30	20 28.26	−14 0.9	1.940	2.878	9.5	20.5
7 10	20 22.22	−14 46.6	1.879	2.867	6.0	20.2
7 20	20 14.90	−15 41.0	1.843	2.855	2.3	20.0
7 30	20 7.08	−16 40.3	1.835	2.844	2.7	20.0
8 9	19 59.68	−17 40.0	1.853	2.833	6.5	20.2
8 19	19 53.54	−18 36.1	1.897	2.823	10.2	20.4
8 29	19 49.35	−19 25.6	1.964	2.812	13.4	20.6
2218 Wotho			7 23.5 256.°11		2.°7/21.5 18	R
6 20	20 35.19	−25 14.1	2.399	3.273	10.6	16.3
6 30	20 30.14	−26 18.2	2.316	3.260	7.8	16.1
7 10	20 23.30	−27 25.3	2.257	3.247	4.9	15.9
7 20	20 15.18	−28 30.4	2.226	3.234	2.7	15.8
7 30	20 6.55	−29 28.7	2.223	3.220	4.1	15.8
8 9	19 58.28	−30 16.6	2.248	3.206	7.1	16.0
8 19	19 51.19	−30 52.0	2.299	3.192	10.1	16.2
8 29	19 45.99	−31 14.7	2.373	3.178	12.7	16.3
186384 2002 JD_{82}			7 23.5 51.°17		4.°5/26.3 18	
6 20	20 32.92	− 5 51.5	2.220	3.053	12.8	19.7
6 30	20 28.26	− 5 39.4	2.148	3.058	10.2	19.5
7 10	20 22.05	− 5 40.6	2.099	3.062	7.4	19.4
7 20	20 14.82	− 5 54.6	2.075	3.067	5.0	19.2
7 30	20 7.29	− 6 20.0	2.077	3.072	4.7	19.2
8 9	20 0.26	− 6 54.2	2.107	3.076	6.7	19.4
8 19	19 54.39	− 7 33.9	2.162	3.081	9.4	19.5
8 29	19 50.26	− 8 15.7	2.240	3.086	12.0	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
209967 2006 HU			7 23.5 8.°94		0.°8/23.2 17	
	h m	° ′			°	m
6 20	20 34.29	−19 2.1	1.019	1.928	18.6	19.4
6 30	20 30.83	−19 36.6	0.966	1.929	13.7	19.1
7 10	20 24.23	−20 22.7	0.932	1.931	8.1	18.8
7 20	20 15.47	−21 14.0	0.919	1.934	2.1	18.5
7 30	20 6.10	−22 3.0	0.927	1.938	4.3	18.7
8 9	19 57.88	−22 43.1	0.958	1.943	10.1	19.0
8 19	19 52.19	−23 10.6	1.009	1.949	15.3	19.3
8 29	19 49.96	−23 24.6	1.077	1.956	19.7	19.6
424391 2007 XO_{54}			7 23.5 173.°11		0.°6/23.9 17	
6 20	20 39.22	−15 59.1	1.958	2.819	13.2	22.5
6 30	20 33.16	−16 31.8	1.886	2.823	9.8	22.3
7 10	20 25.08	−17 13.2	1.837	2.826	5.9	22.0
7 20	20 15.64	−18 0.0	1.814	2.828	1.8	21.8
7 30	20 5.77	−18 47.8	1.820	2.830	2.7	21.8
8 9	19 56.50	−19 32.7	1.854	2.830	6.8	22.1
8 19	19 48.74	−20 11.7	1.913	2.831	10.6	22.3
8 29	19 43.19	−20 43.2	1.996	2.830	13.8	22.5
187702 2008 EM_{19}			7 23.5 34.°36		6.°7/26.9 17	
6 20	20 34.54	− 3 40.7	1.369	2.221	18.3	20.0
6 30	20 30.23	− 3 30.8	1.308	2.226	14.7	19.7
7 10	20 23.54	− 3 44.0	1.267	2.233	10.9	19.5
7 20	20 15.25	− 4 20.4	1.247	2.239	7.6	19.4
7 30	20 6.51	− 5 17.0	1.251	2.246	6.8	19.4
8 9	19 58.56	− 6 27.8	1.278	2.253	9.4	19.5
8 19	19 52.48	− 7 45.5	1.329	2.261	13.0	19.8
8 29	19 49.04	− 9 3.2	1.400	2.269	16.6	20.0
308445 2005 SK_{208}			7 23.5 295.°56		4.°4/25.8 18	
6 20	20 33.62	− 7 27.3	2.090	2.932	13.2	20.6
6 30	20 29.00	− 7 8.6	2.002	2.918	10.5	20.4
7 10	20 22.61	− 7 2.1	1.936	2.905	7.5	20.2
7 20	20 15.00	− 7 8.1	1.896	2.892	4.9	20.0
7 30	20 6.92	− 7 25.6	1.881	2.878	4.7	20.0
8 9	19 59.26	− 7 52.1	1.893	2.865	7.1	20.1
8 19	19 52.81	− 8 24.7	1.931	2.852	10.2	20.3
8 29	19 48.24	− 8 59.9	1.991	2.839	13.2	20.4
31492 Jennarose			7 23.5 264.°64		0.°4/23.3 18	
6 20	20 38.33	−17 44.4	1.455	2.337	15.7	18.4
6 30	20 33.36	−18 27.9	1.373	2.322	11.7	18.1
7 10	20 25.64	−19 23.4	1.313	2.307	7.0	17.8
7 20	20 15.88	−20 25.8	1.277	2.292	1.8	17.5
7 30	20 5.26	−21 28.7	1.267	2.276	3.6	17.5
8 9	19 55.21	−22 25.6	1.282	2.261	8.9	17.8
8 19	19 47.08	−23 12.0	1.320	2.244	13.7	18.0
8 29	19 41.88	−23 46.1	1.378	2.228	17.9	18.3
443085 2013 GN_{68}			7 23.5 165.°16		0.°4/23.8 18	
6 20	20 33.97	−17 3.4	2.507	3.369	10.6	21.3
6 30	20 28.94	−17 23.1	2.433	3.371	7.9	21.1
7 10	20 22.42	−17 48.4	2.383	3.373	4.7	20.9
7 20	20 14.93	−18 17.1	2.360	3.374	1.4	20.7
7 30	20 7.14	−18 46.6	2.366	3.376	2.2	20.8
8 9	19 59.80	−19 14.4	2.400	3.377	5.5	21.0
8 19	19 53.57	−19 38.6	2.461	3.378	8.5	21.2
8 29	19 48.98	−19 58.0	2.545	3.379	11.2	21.4
235660 2004 RH_{191}			7 23.5 304.°40		10.°4/19.7 18	
6 20	20 48.55	−43 22.9	1.550	2.413	16.0	20.5
6 30	20 41.55	−44 8.2	1.467	2.384	13.5	20.3
7 10	20 30.79	−44 38.3	1.404	2.356	11.3	20.1
7 20	20 17.28	−44 42.6	1.364	2.327	10.4	20.0
7 30	20 2.80	−44 13.4	1.346	2.299	11.5	20.0
8 9	19 49.46	−43 9.2	1.352	2.271	14.1	20.0
8 19	19 39.04	−41 35.1	1.379	2.243	17.2	20.2
8 29	19 32.64	−39 39.7	1.425	2.215	20.4	20.3
250559 2004 RB_{190}			7 23.5 222.°46		7.°7/30.5 18	
6 20	20 31.99	+11 49.1	3.273	3.978	11.6	21.3
6 30	20 27.25	+12 14.2	3.179	3.967	10.4	21.2
7 10	20 21.35	+12 22.9	3.105	3.956	9.1	21.1
7 20	20 14.65	+12 13.7	3.054	3.944	8.1	21.0
7 30	20 7.65	+11 46.3	3.028	3.932	7.7	20.9
8 9	20 0.90	+11 1.9	3.027	3.919	8.0	20.9
8 19	19 54.89	+10 3.4	3.052	3.905	9.0	21.0
8 29	19 50.10	+ 8 54.3	3.100	3.891	10.4	21.1
245727 2006 DV_{34}			7 23.5 218.°84		1.°9/24.6 18	
6 20	20 36.45	−12 45.0	2.093	2.948	12.7	21.5
6 30	20 31.08	−13 0.5	2.010	2.941	9.6	21.3
7 10	20 23.86	−13 26.4	1.950	2.934	6.2	21.1
7 20	20 15.35	−14 0.5	1.916	2.926	2.7	20.8
7 30	20 6.38	−14 40.0	1.909	2.917	2.9	20.8
8 9	19 57.86	−15 21.2	1.931	2.909	6.5	21.0
8 19	19 50.65	−16 1.2	1.978	2.899	10.0	21.2
8 29	19 45.42	−16 37.3	2.049	2.890	13.2	21.4

276051 2002 CZ_{30} 7 23.5 145°.56 1°.9/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.11	−23 26.6	2.148	3.018	11.8	21.1
6 30	20 32.94	−24 9.9	2.085	3.028	8.7	20.9
7 10	20 24.88	−24 55.4	2.046	3.038	5.2	20.7
7 20	20 15.60	−25 38.8	2.035	3.047	2.1	20.5
7 30	20 5.99	−26 15.8	2.052	3.055	3.5	20.6
8 9	19 57.03	−26 43.5	2.097	3.063	6.9	20.9
8 19	19 49.55	−27 0.9	2.168	3.071	10.2	21.1
8 29	19 44.19	−27 8.3	2.261	3.077	12.9	21.3

236350 2006 BP_{156} 7 23.5 266°.48 4°.8/21.5 18

6 20	20 41.98	−31 35.7	1.813	2.690	13.3	21.0
6 30	20 35.66	−32 5.2	1.735	2.677	10.2	20.8
7 10	20 26.79	−32 30.3	1.680	2.664	6.9	20.6
7 20	20 16.16	−32 45.0	1.650	2.651	4.8	20.4
7 30	20 4.96	−32 44.8	1.647	2.638	6.1	20.5
8 9	19 54.52	−32 27.6	1.669	2.624	9.3	20.6
8 19	19 46.01	−31 54.9	1.716	2.610	12.8	20.8
8 29	19 40.27	−31 9.6	1.783	2.597	16.0	21.0

235781 2004 VT_{88} 7 23.5 209°.87 2°.7/22.1 17

6 20	20 39.20	−26 4.9	2.055	2.930	12.1	21.5
6 30	20 33.22	−26 39.3	1.981	2.926	9.0	21.3
7 10	20 25.17	−27 14.2	1.931	2.921	5.5	21.1
7 20	20 15.71	−27 45.0	1.906	2.916	2.8	20.9
7 30	20 5.80	−28 7.5	1.910	2.911	4.2	21.0
8 9	19 56.51	−28 19.2	1.941	2.905	7.6	21.2
8 19	19 48.77	−28 19.6	1.997	2.899	11.0	21.4
8 29	19 43.29	−28 9.6	2.075	2.892	13.9	21.6

198329 2004 TJ_{361} 7 23.5 351°.76 2°.1/22.7 18

6 20	20 37.25	−24 0.9	1.377	2.272	15.6	19.8
6 30	20 32.48	−24 15.5	1.312	2.268	11.5	19.6
7 10	20 25.00	−24 32.4	1.269	2.264	6.9	19.3
7 20	20 15.69	−24 46.7	1.248	2.262	2.6	19.0
7 30	20 5.85	−24 53.8	1.253	2.260	4.4	19.1
8 9	19 56.95	−24 51.0	1.281	2.258	9.1	19.4
8 19	19 50.18	−24 38.0	1.332	2.258	13.5	19.7
8 29	19 46.40	−24 16.0	1.402	2.258	17.3	19.9

245862 2006 OM_{17} 7 23.5 356°.73 9°.3/21.1 18

6 20	20 48.41	−43 34.4	1.627	2.487	15.5	19.4
6 30	20 40.65	−43 56.6	1.568	2.485	12.8	19.2
7 10	20 29.74	−44 1.5	1.531	2.483	10.5	19.1
7 20	20 16.89	−43 41.3	1.516	2.482	9.3	19.0
7 30	20 3.82	−42 52.2	1.526	2.481	10.1	19.0
8 9	19 52.28	−41 35.7	1.559	2.481	12.3	19.2
8 19	19 43.56	−39 58.0	1.616	2.482	15.0	19.3
8 29	19 38.35	−38 6.7	1.692	2.483	17.6	19.5

86342 1999 XP_{54} 7 23.5 226°.78 1°.3/22.8 18

6 20	20 39.33	−20 59.2	1.781	2.657	13.6	20.5
6 30	20 33.62	−21 39.6	1.703	2.649	10.1	20.2
7 10	20 25.57	−22 26.0	1.647	2.640	6.0	20.0
7 20	20 15.86	−23 13.8	1.616	2.630	1.9	19.7
7 30	20 5.53	−23 57.6	1.613	2.620	3.6	19.8
8 9	19 55.78	−24 33.2	1.637	2.610	7.9	20.0
8 19	19 47.71	−24 58.5	1.685	2.599	11.9	20.2
8 29	19 42.14	−25 12.8	1.755	2.587	15.4	20.4

236428 2006 DZ_{115} 7 23.5 107°.90 1°.7/22.7 18

6 20	20 37.46	−22 22.9	1.792	2.672	13.3	21.0
6 30	20 32.08	−22 57.9	1.726	2.674	9.8	20.8
7 10	20 24.54	−23 36.7	1.683	2.677	5.8	20.5
7 20	20 15.56	−24 14.8	1.666	2.679	2.0	20.3
7 30	20 6.15	−24 47.6	1.675	2.681	3.6	20.4
8 9	19 57.46	−25 11.7	1.711	2.684	7.6	20.7
8 19	19 50.45	−25 25.8	1.771	2.686	11.4	20.9
8 29	19 45.83	−25 29.8	1.853	2.688	14.6	21.1

479963 2014 JN_{11} 7 23.5 185°.54 4°.7/20.2 18

6 20	20 37.34	−31 49.5	2.282	3.155	11.1	21.3
6 30	20 31.81	−32 56.0	2.216	3.155	8.4	21.1
7 10	20 24.32	−33 59.7	2.176	3.155	6.0	21.0
7 20	20 15.50	−34 55.0	2.161	3.155	4.7	20.9
7 30	20 6.24	−35 37.1	2.175	3.154	5.8	20.9
8 9	19 57.55	−36 3.3	2.215	3.153	8.3	21.1
8 19	19 50.31	−36 13.3	2.279	3.152	11.0	21.3
8 29	19 45.20	−36 8.7	2.365	3.151	13.3	21.4

153228 2000 YJ_{59} 7 23.5 263°.79 1°.2/22.7 18

6 20	20 34.09	−21 0.1	2.277	3.151	11.1	20.2
6 30	20 29.28	−21 43.7	2.202	3.147	8.2	20.0
7 10	20 22.76	−22 32.1	2.151	3.144	4.8	19.8
7 20	20 15.08	−23 21.4	2.126	3.140	1.5	19.5
7 30	20 7.01	−24 7.6	2.130	3.137	2.9	19.6
8 9	19 59.40	−24 47.4	2.161	3.133	6.4	19.8
8 19	19 53.01	−25 18.8	2.219	3.130	9.6	20.0
8 29	19 48.48	−25 40.8	2.299	3.126	12.4	20.2

259696 2003 YB_{20} 7 23.5 145°.91 2°.3/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.59	−23 24.4	1.838	2.713	13.3	21.3
6 30	20 34.34	−24 17.3	1.777	2.723	9.7	21.1
7 10	20 25.86	−25 13.4	1.740	2.732	5.8	20.8
7 20	20 15.91	−26 7.0	1.728	2.740	2.5	20.7
7 30	20 5.56	−26 52.8	1.744	2.748	4.1	20.8
8 9	19 55.97	−27 27.1	1.788	2.755	7.9	21.0
8 19	19 48.12	−27 48.6	1.856	2.761	11.5	21.3
8 29	19 42.75	−27 57.8	1.946	2.767	14.6	21.5

117372 2004 XH_{145} 7 23.5 301°.18 3°.6/25.1 18

6 20	20 35.01	−10 28.8	1.614	2.478	15.4	19.2
6 30	20 30.73	−10 25.0	1.515	2.449	12.0	18.9
7 10	20 24.05	−10 35.7	1.438	2.419	8.1	18.6
7 20	20 15.52	−11 0.3	1.383	2.390	4.5	18.3
7 30	20 6.11	−11 36.9	1.354	2.360	4.4	18.2
8 9	19 57.04	−12 21.3	1.350	2.331	8.3	18.4
8 19	19 49.47	−13 9.1	1.370	2.301	12.8	18.5
8 29	19 44.42	−13 55.9	1.411	2.272	16.9	18.7

62734 2000 TX_{60} 7 23.5 288°.84 8°.3/18.2 18

6 20	20 39.94	−36 37.9	1.662	2.543	14.1	18.8
6 30	20 34.69	−38 19.3	1.597	2.533	11.4	18.6
7 10	20 26.51	−39 55.2	1.555	2.522	9.0	18.5
7 20	20 16.17	−41 15.5	1.536	2.512	8.3	18.4
7 30	20 4.99	−42 11.7	1.542	2.501	9.8	18.5
8 9	19 54.54	−42 39.9	1.572	2.491	12.5	18.6
8 19	19 46.25	−42 40.6	1.623	2.480	15.4	18.8
8 29	19 41.14	−42 17.9	1.692	2.470	18.1	18.9

398793 2013 AQ_{138} 7 23.5 99°.33 6°.0/28.0 17

6 20	20 33.98	+ 0 50.1	2.450	3.243	12.9	21.9
6 30	20 28.84	+ 1 4.3	2.389	3.262	10.7	21.7
7 10	20 22.32	+ 1 2.5	2.349	3.281	8.4	21.6
7 20	20 14.94	+ 0 44.5	2.334	3.299	6.6	21.5
7 30	20 7.37	+ 0 11.5	2.346	3.317	6.0	21.5
8 9	20 0.29	− 0 33.5	2.384	3.335	7.2	21.6
8 19	19 54.32	− 1 27.1	2.449	3.352	9.1	21.8
8 29	19 49.94	− 2 25.0	2.537	3.369	11.2	22.0

509866 2009 AZ_{27} 7 23.5 186°.71 0°.5/23.3 18

6 20	20 38.54	−21 12.4	2.364	3.228	11.1	22.0
6 30	20 32.39	−21 19.8	2.288	3.228	8.2	21.8
7 10	20 24.53	−21 29.6	2.236	3.227	4.8	21.6
7 20	20 15.55	−21 39.4	2.211	3.226	1.3	21.3
7 30	20 6.26	−21 46.6	2.216	3.224	2.5	21.4
8 9	19 57.51	−21 49.6	2.248	3.222	6.0	21.7
8 19	19 50.06	−21 47.6	2.308	3.219	9.3	21.9
8 29	19 44.51	−21 40.6	2.391	3.216	12.1	22.1

152124 2004 SX_{20} 7 23.5 332°.06 9°.3/31.8 18

6 20	20 31.58	+10 19.7	1.897	2.656	17.3	19.1
6 30	20 27.75	+ 9 46.2	1.803	2.642	15.1	18.9
7 10	20 22.03	+ 8 41.0	1.727	2.628	12.7	18.7
7 20	20 14.95	+ 7 2.3	1.673	2.614	10.5	18.6
7 30	20 7.30	+ 4 51.8	1.644	2.602	9.3	18.5
8 9	20 0.03	+ 2 16.0	1.641	2.590	9.9	18.5
8 19	19 54.03	− 0 35.2	1.664	2.578	12.0	18.6
8 29	19 50.06	− 3 30.8	1.713	2.568	14.7	18.7

493565 2015 KC_{38} 7 23.5 326°.84 3°.3/25.3 16

6 20	20 34.67	−10 15.0	1.782	2.641	14.4	21.2
6 30	20 30.00	−10 16.1	1.708	2.638	11.1	21.0
7 10	20 23.32	−10 30.4	1.655	2.635	7.4	20.7
7 20	20 15.27	−10 56.8	1.627	2.632	4.1	20.5
7 30	20 6.77	−11 32.5	1.625	2.630	3.9	20.5
8 9	19 58.84	−12 13.7	1.649	2.628	7.3	20.7
8 19	19 52.39	−12 56.7	1.697	2.625	11.0	20.9
8 29	19 48.14	−13 37.7	1.768	2.624	14.3	21.1

94354 2001 QG_{171} 7 23.5 251°.98 13°.1/ 1.1 17

6 20	20 36.85	+11 34.3	1.293	2.072	23.0	19.7
6 30	20 32.45	+11 38.0	1.212	2.061	20.4	19.5
7 10	20 25.24	+11 0.5	1.145	2.050	17.4	19.3
7 20	20 15.87	+ 9 35.8	1.097	2.038	14.7	19.1
7 30	20 5.55	+ 7 23.2	1.069	2.026	13.2	18.9
8 9	19 55.75	+ 4 30.5	1.064	2.014	13.9	18.9
8 19	19 47.89	+ 1 12.0	1.082	2.001	16.5	19.1
8 29	19 43.07	− 2 15.0	1.121	1.988	20.0	19.2

442575 2012 BC_{79} 7 23.5 161°.07 0°.6/23.9 18

6 20	20 36.71	−18 14.1	2.776	3.631	9.9	20.9
6 30	20 30.76	−18 5.4	2.702	3.636	7.3	20.7
7 10	20 23.44	−17 59.8	2.652	3.640	4.4	20.5
7 20	20 15.25	−17 56.1	2.630	3.644	1.4	20.3
7 30	20 6.84	−17 52.8	2.638	3.648	2.0	20.4
8 9	19 58.91	−17 48.8	2.675	3.651	5.1	20.6
8 19	19 52.06	−17 43.2	2.740	3.654	7.9	20.8
8 29	19 46.78	−17 35.8	2.829	3.656	10.3	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
166279 2002 GM_{99}			7 23.5 221°.26		2°.9/22.2 18	
	h m	° ′			°	m
6 20	20 42.35	−25 27.8	1.725	2.602	13.9	20.5
6 30	20 35.98	−26 6.6	1.648	2.594	10.3	20.2
7 10	20 27.05	−26 47.1	1.594	2.585	6.4	20.0
7 20	20 16.30	−27 23.5	1.565	2.575	3.1	19.7
7 30	20 4.90	−27 50.6	1.563	2.565	4.7	19.8
8 9	19 54.21	−28 4.8	1.588	2.554	8.7	20.0
8 19	19 45.40	−28 5.5	1.637	2.543	12.7	20.2
8 29	19 39.35	−27 54.1	1.707	2.530	16.2	20.5
142958 2002 VA_{78}			7 23.5 270°.39		2°.8/25.2 18	
6 20	20 34.61	−10 34.6	2.101	2.952	12.8	20.7
6 30	20 29.82	−10 41.3	2.009	2.935	9.9	20.5
7 10	20 23.19	−10 59.7	1.940	2.919	6.6	20.3
7 20	20 15.26	−11 28.5	1.896	2.902	3.5	20.0
7 30	20 6.80	−12 5.4	1.879	2.885	3.4	20.0
8 9	19 58.72	−12 47.1	1.890	2.867	6.6	20.2
8 19	19 51.84	−13 30.3	1.926	2.850	10.1	20.3
8 29	19 46.89	−14 11.8	1.985	2.832	13.3	20.5
428514 2007 YO_{62}			7 23.6 131°.97		0°.2/23.6 17	
6 20	20 40.29	−18 9.9	1.675	2.548	14.5	22.5
6 30	20 34.17	−18 29.6	1.614	2.557	10.7	22.3
7 10	20 25.79	−18 56.4	1.575	2.566	6.4	22.0
7 20	20 15.94	−19 26.7	1.561	2.575	1.7	21.7
7 30	20 5.71	−19 56.2	1.574	2.583	3.0	21.9
8 9	19 56.32	−20 21.4	1.613	2.591	7.5	22.1
8 19	19 48.74	−20 40.4	1.678	2.599	11.5	22.4
8 29	19 43.71	−20 52.4	1.764	2.606	14.9	22.6
145473 2005 SL_{262}			7 23.6 359°.36		3°.9/26.0 18	
6 20	20 30.18	− 7 13.5	2.316	3.158	12.1	19.4
6 30	20 26.29	− 7 1.8	2.240	3.156	9.5	19.3
7 10	20 20.94	− 7 1.8	2.187	3.155	6.8	19.1
7 20	20 14.64	− 7 13.3	2.158	3.154	4.5	19.0
7 30	20 8.04	− 7 34.8	2.157	3.154	4.2	18.9
8 9	20 1.87	− 8 4.1	2.182	3.155	6.2	19.1
8 19	19 56.76	− 8 38.2	2.232	3.156	9.0	19.2
8 29	19 53.26	− 9 14.1	2.306	3.157	11.6	19.4
123645 2000 YQ_{63}			7 23.6 234°.66		0°.4/23.3 18	
6 20	20 34.41	−19 35.8	2.639	3.503	10.1	20.6
6 30	20 29.34	−20 3.7	2.552	3.493	7.4	20.4
7 10	20 22.75	−20 36.1	2.491	3.482	4.4	20.2
7 20	20 15.13	−21 10.2	2.457	3.472	1.2	19.9
7 30	20 7.13	−21 43.2	2.452	3.461	2.3	20.0
8 9	19 59.50	−22 12.5	2.476	3.449	5.5	20.2
8 19	19 52.90	−22 36.3	2.526	3.438	8.6	20.4
8 29	19 47.91	−22 53.9	2.601	3.426	11.2	20.5
167472 2003 YU_{41}			7 23.6 315°.63		0°.3/23.4 18	
6 20	20 35.06	−19 37.0	1.550	2.437	14.6	20.1
6 30	20 30.87	−19 50.5	1.461	2.412	10.9	19.8
7 10	20 24.17	−20 11.1	1.393	2.388	6.6	19.5
7 20	20 15.59	−20 35.5	1.349	2.363	1.8	19.1
7 30	20 6.22	−20 59.4	1.330	2.340	3.4	19.2
8 9	19 57.35	−21 18.9	1.336	2.316	8.4	19.4
8 19	19 50.20	−21 31.6	1.365	2.294	13.0	19.6
8 29	19 45.74	−21 36.4	1.414	2.272	17.1	19.8
130447 2000 QZ_{42}			7 23.6 291°.39		3°.1/25.0 18	
6 20	20 35.65	−10 56.4	1.683	2.546	14.9	20.4
6 30	20 31.14	−11 4.8	1.585	2.518	11.6	20.1
7 10	20 24.29	−11 27.8	1.507	2.490	7.7	19.8
7 20	20 15.64	−12 4.3	1.454	2.462	3.9	19.5
7 30	20 6.14	−12 51.3	1.427	2.434	3.9	19.5
8 9	19 56.96	−13 44.5	1.425	2.405	8.0	19.6
8 19	19 49.25	−14 39.0	1.448	2.377	12.4	19.8
8 29	19 43.97	−15 30.6	1.491	2.349	16.4	20.0
14056 Kainar			7 23.6 285°.76		2°.3/22.5 18	
6 20	20 38.26	−22 45.9	1.532	2.420	14.8	18.6
6 30	20 33.36	−23 29.5	1.447	2.398	11.0	18.3
7 10	20 25.73	−24 19.4	1.382	2.377	6.7	18.0
7 20	20 16.04	−25 10.0	1.342	2.355	2.6	17.7
7 30	20 5.44	−25 54.7	1.328	2.334	4.5	17.8
8 9	19 55.39	−26 28.4	1.339	2.312	9.3	18.0
8 19	19 47.20	−26 48.4	1.373	2.290	13.8	18.2
8 29	19 41.92	−26 54.8	1.426	2.268	17.8	18.4
482181 2010 UQ_{32}			7 23.6 309°.06		5°.3/20.7 18	
6 20	20 38.02	−33 52.7	2.077	2.953	11.9	20.8
6 30	20 32.53	−34 34.7	2.005	2.943	9.2	20.6
7 10	20 24.86	−35 11.5	1.956	2.933	6.7	20.4
7 20	20 15.72	−35 37.7	1.932	2.924	5.3	20.3
7 30	20 6.12	−35 48.9	1.934	2.914	6.4	20.3
8 9	19 57.19	−35 43.3	1.962	2.905	9.0	20.5
8 19	19 49.89	−35 21.5	2.014	2.896	11.8	20.6
8 29	19 44.97	−34 46.0	2.088	2.887	14.4	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
140108 2001 SA_{135}			7 23.6 357°.26		6°.6/27.6 18	
	h m	° ′			°	m
6 20	20 32.52	− 1 16.4	1.823	2.649	15.5	19.5
6 30	20 28.37	− 1 5.3	1.749	2.647	12.7	19.3
7 10	20 22.35	− 1 14.0	1.696	2.646	9.8	19.1
7 20	20 15.06	− 1 43.0	1.666	2.646	7.3	19.0
7 30	20 7.34	− 2 30.7	1.660	2.645	6.7	18.9
8 9	20 0.16	− 3 33.1	1.680	2.646	8.4	19.0
8 19	19 54.34	− 4 44.7	1.724	2.646	11.2	19.2
8 29	19 50.57	− 5 59.7	1.790	2.647	14.1	19.4
173627 2001 FC_{66}			7 23.6 101°.64		0°.5/23.3 18	
6 20	20 39.87	−18 55.4	1.551	2.429	15.1	20.4
6 30	20 34.00	−19 28.9	1.495	2.443	11.1	20.2
7 10	20 25.75	−20 9.9	1.462	2.456	6.5	20.0
7 20	20 15.96	−20 53.4	1.454	2.468	1.7	19.7
7 30	20 5.81	−21 34.4	1.472	2.481	3.3	19.8
8 9	19 56.58	−22 8.5	1.516	2.493	7.9	20.1
8 19	19 49.31	−22 33.7	1.584	2.505	12.1	20.4
8 29	19 44.71	−22 49.2	1.673	2.517	15.5	20.7
378125 2006 VO_{7}			7 23.6 300°.83		3°.5/24.8 17	
6 20	20 36.45	−12 10.5	1.398	2.273	16.7	21.2
6 30	20 32.02	−11 53.9	1.313	2.253	12.9	20.9
7 10	20 24.92	−11 50.5	1.248	2.233	8.6	20.6
7 20	20 15.83	−11 59.7	1.205	2.214	4.4	20.3
7 30	20 5.88	−12 19.6	1.187	2.194	4.5	20.3
8 9	19 56.48	−12 46.5	1.193	2.175	9.0	20.5
8 19	19 48.93	−13 16.5	1.221	2.156	13.7	20.7
8 29	19 44.24	−13 45.8	1.270	2.138	18.0	20.9
497951 2006 WD_{188}			7 23.6 159°.54		1°.6/24.3 17	
6 20	20 39.47	−14 51.6	1.894	2.754	13.6	21.9
6 30	20 33.38	−14 55.5	1.824	2.759	10.2	21.7
7 10	20 25.27	−15 8.0	1.778	2.764	6.3	21.4
7 20	20 15.83	−15 26.7	1.757	2.769	2.5	21.2
7 30	20 6.03	−15 48.9	1.764	2.773	2.9	21.2
8 9	19 56.89	−16 11.6	1.798	2.776	6.8	21.5
8 19	19 49.32	−16 32.5	1.858	2.779	10.6	21.7
8 29	19 44.00	−16 49.9	1.941	2.782	13.8	22.0
370168 2002 AS_{105}			7 23.6 259°.52		0°.1/23.6 18	
6 20	20 39.95	−19 33.1	1.938	2.807	13.0	21.2
6 30	20 33.99	−19 35.6	1.845	2.787	9.7	21.0
7 10	20 25.81	−19 42.6	1.775	2.766	5.8	20.7
7 20	20 16.03	−19 51.5	1.731	2.746	1.6	20.4
7 30	20 5.61	−19 59.4	1.715	2.724	2.9	20.4
8 9	19 55.66	−20 3.8	1.726	2.703	7.2	20.7
8 19	19 47.21	−20 3.6	1.763	2.680	11.3	20.9
8 29	19 41.08	−19 58.3	1.821	2.658	14.8	21.1
252927 2002 NE_{62}			7 23.6 27°.16		0°.9/23.3 17	
6 20	20 40.15	−21 55.6	1.234	2.129	17.1	20.1
6 30	20 34.72	−21 50.9	1.179	2.134	12.6	19.9
7 10	20 26.39	−21 49.7	1.143	2.139	7.5	19.6
7 20	20 16.16	−21 48.3	1.130	2.145	2.1	19.3
7 30	20 5.52	−21 43.0	1.142	2.152	3.9	19.4
8 9	19 56.05	−21 31.7	1.177	2.158	9.1	19.7
8 19	19 49.00	−21 14.3	1.234	2.166	13.9	20.0
8 29	19 45.14	−20 51.4	1.311	2.174	17.9	20.3
291053 2005 YC_{58}			7 23.6 281°.42		0°.2/23.7 18	
6 20	20 34.06	−17 54.0	2.300	3.168	11.3	21.2
6 30	20 29.30	−18 14.1	2.213	3.154	8.4	21.0
7 10	20 22.84	−18 40.2	2.149	3.140	5.0	20.8
7 20	20 15.21	−19 10.0	2.111	3.126	1.4	20.5
7 30	20 7.13	−19 40.3	2.102	3.112	2.4	20.5
8 9	19 59.45	−20 8.5	2.120	3.098	6.0	20.8
8 19	19 52.93	−20 32.3	2.165	3.083	9.4	20.9
8 29	19 48.22	−20 50.4	2.232	3.069	12.4	21.1
361026 2005 WY_{87}			7 23.6 183°.28		2°.6/21.3 18	
6 20	20 35.20	−27 37.7	3.065	3.931	8.8	21.7
6 30	20 29.80	−28 31.8	2.992	3.931	6.5	21.5
7 10	20 22.99	−29 25.6	2.945	3.931	4.2	21.4
7 20	20 15.23	−30 15.6	2.926	3.930	2.7	21.3
7 30	20 7.16	−30 58.5	2.937	3.929	3.6	21.4
8 9	19 59.44	−31 32.0	2.977	3.928	5.9	21.5
8 19	19 52.70	−31 55.2	3.044	3.926	8.2	21.7
8 29	19 47.47	−32 8.0	3.134	3.924	10.3	21.8
359846 2011 UR_{351}			7 23.6 184°.31		1°.3/22.8 18	
6 20	20 36.32	−22 40.6	2.305	3.176	11.1	21.7
6 30	20 30.89	−23 7.3	2.232	3.176	8.1	21.5
7 10	20 23.74	−23 36.4	2.184	3.176	4.8	21.3
7 20	20 15.45	−24 4.7	2.162	3.176	1.7	21.1
7 30	20 6.81	−24 28.8	2.169	3.175	3.0	21.2
8 9	19 58.71	−24 46.4	2.204	3.174	6.3	21.4
8 19	19 51.90	−24 56.3	2.264	3.173	9.5	21.6
8 29	19 46.98	−24 58.6	2.348	3.172	12.3	21.8

181964 1999 UE_{40} 7 23.6 36°.73 7°.8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 32.68	+ 3 44.5	2.199	2.986	14.4	19.6
6 30	20 28.19	+ 4 18.3	2.127	2.989	12.3	19.5
7 10	20 22.13	+ 4 33.4	2.075	2.992	10.1	19.3
7 20	20 15.02	+ 4 28.3	2.045	2.995	8.4	19.2
7 30	20 7.58	+ 4 3.0	2.041	2.998	7.8	19.2
8 9	20 0.61	+ 3 20.2	2.061	3.001	8.8	19.3
8 19	19 54.79	+ 2 23.9	2.106	3.005	10.6	19.4
8 29	19 50.69	+ 1 19.1	2.174	3.008	12.8	19.5

257716 1999 XQ_{142} 7 23.6 183°.18 5°.7/25.2 18

6 20	20 43.94	− 7 32.0	1.920	2.748	14.7	20.4
6 30	20 36.63	− 6 22.9	1.842	2.749	11.7	20.2
7 10	20 27.22	− 5 24.0	1.788	2.749	8.6	20.0
7 20	20 16.40	− 4 37.1	1.759	2.748	6.1	19.9
7 30	20 5.16	− 4 3.6	1.759	2.747	6.0	19.9
8 9	19 54.58	− 3 43.1	1.786	2.746	8.4	20.0
8 19	19 45.60	− 3 34.1	1.839	2.744	11.6	20.2
8 29	19 38.93	− 3 33.7	1.914	2.741	14.5	20.4

102699 1999 VH_{86} 7 23.6 274°.18 3°.1/25.0 18

6 20	20 36.57	−11 5.8	1.525	2.392	16.0	19.9
6 30	20 31.87	−11 16.7	1.444	2.380	12.3	19.6
7 10	20 24.73	−11 43.2	1.384	2.368	8.1	19.3
7 20	20 15.80	−12 23.4	1.347	2.356	4.0	19.1
7 30	20 6.17	−13 13.7	1.336	2.344	4.0	19.0
8 9	19 57.09	−14 8.9	1.350	2.332	8.2	19.3
8 19	19 49.74	−15 3.9	1.388	2.320	12.7	19.5
8 29	19 45.02	−15 54.4	1.447	2.308	16.6	19.7

271152 2003 SO_{170} 7 23.6 336°.18 3°.2/22.4 17

6 20	20 37.03	−24 50.0	1.138	2.044	17.3	20.2
6 30	20 32.96	−25 20.0	1.073	2.034	12.9	20.0
7 10	20 25.68	−25 53.1	1.028	2.025	7.9	19.7
7 20	20 16.08	−26 22.8	1.004	2.016	3.5	19.4
7 30	20 5.70	−26 42.2	1.003	2.009	5.5	19.5
8 9	19 56.34	−26 47.0	1.024	2.002	10.7	19.7
8 19	19 49.48	−26 36.7	1.065	1.996	15.7	20.0
8 29	19 46.15	−26 13.1	1.125	1.991	20.0	20.2

190197 2005 XS_{29} 7 23.6 157°.38 4°.0/25.6 18

6 20	20 36.86	− 8 28.5	1.846	2.693	14.5	20.5
6 30	20 31.53	− 8 21.6	1.775	2.696	11.3	20.3
7 10	20 24.23	− 8 28.5	1.725	2.699	7.8	20.1
7 20	20 15.61	− 8 48.4	1.700	2.701	4.7	19.9
7 30	20 6.59	− 9 19.1	1.702	2.703	4.4	19.9
8 9	19 58.18	− 9 57.1	1.730	2.705	7.3	20.1
8 19	19 51.25	−10 38.6	1.783	2.707	10.8	20.3
8 29	19 46.49	−11 20.0	1.859	2.709	14.0	20.5

93131 2000 SV_{67} 7 23.6 16°.50 0°.9/23.2 18

6 20	20 35.69	−20 3.6	1.337	2.232	16.0	18.9
6 30	20 31.34	−20 33.4	1.280	2.235	11.8	18.7
7 10	20 24.38	−21 10.7	1.243	2.239	7.0	18.4
7 20	20 15.68	−21 50.5	1.229	2.244	1.9	18.1
7 30	20 6.51	−22 27.2	1.240	2.250	3.7	18.3
8 9	19 58.27	−22 56.3	1.275	2.256	8.7	18.6
8 19	19 52.11	−23 15.3	1.333	2.263	13.2	18.9
8 29	19 48.82	−23 23.7	1.410	2.270	17.0	19.1

307035 2001 XU_{206} 7 23.6 264°.94 0°.9/23.0 18

6 20	20 35.44	−20 11.6	2.323	3.191	11.1	21.4
6 30	20 30.42	−20 51.3	2.230	3.172	8.2	21.2
7 10	20 23.59	−21 36.8	2.161	3.153	4.9	21.0
7 20	20 15.48	−22 24.5	2.119	3.133	1.4	20.7
7 30	20 6.82	−23 10.4	2.106	3.113	2.8	20.8
8 9	19 58.51	−23 51.1	2.120	3.093	6.4	21.0
8 19	19 51.35	−24 24.2	2.161	3.072	9.8	21.2
8 29	19 46.05	−24 48.6	2.225	3.051	12.8	21.3

430751 2004 PJ_{20} 7 23.6 7°.56 0°.9/24.1 17

6 20	20 31.94	−12 38.3	1.226	2.117	17.5	19.7
6 30	20 28.77	−13 52.2	1.166	2.118	13.1	19.4
7 10	20 22.99	−15 26.7	1.126	2.119	8.0	19.2
7 20	20 15.35	−17 15.6	1.108	2.122	2.5	18.8
7 30	20 7.09	−19 9.0	1.115	2.126	3.5	18.9
8 9	19 59.63	−20 56.9	1.146	2.131	8.8	19.2
8 19	19 54.19	−22 31.1	1.199	2.136	13.7	19.5
8 29	19 51.67	−23 47.3	1.273	2.143	17.8	19.8

509645 2008 GQ_{39} 7 23.6 159°.02 1°.0/24.2 18

6 20	20 34.68	−15 10.7	2.441	3.298	11.0	22.1
6 30	20 29.55	−15 28.2	2.367	3.302	8.2	21.9
7 10	20 22.90	−15 52.6	2.318	3.305	5.1	21.7
7 20	20 15.25	−16 22.0	2.295	3.308	1.8	21.5
7 30	20 7.30	−16 53.6	2.301	3.311	2.3	21.6
8 9	19 59.82	−17 24.9	2.335	3.313	5.5	21.8
8 19	19 53.46	−17 53.6	2.396	3.315	8.6	22.0
8 29	19 48.78	−18 18.1	2.481	3.317	11.3	22.2

8183 1992 UE_3 7 23.6 254°.40 0°.9/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.93	−20 38.3	2.066	2.940	12.1	17.9
6 30	20 30.84	−21 9.3	1.989	2.934	8.9	17.7
7 10	20 23.84	−21 45.2	1.935	2.928	5.3	17.5
7 20	20 15.54	−22 22.5	1.907	2.921	1.5	17.2
7 30	20 6.78	−22 57.2	1.907	2.915	2.9	17.3
8 9	19 58.54	−23 26.2	1.934	2.908	6.8	17.6
8 19	19 51.68	−23 47.3	1.986	2.902	10.3	17.8
8 29	19 46.88	−24 0.1	2.061	2.895	13.4	18.0

476935 2008 WP_{129} 7 23.6 329°.12 9°.0/17.5 18

6 20	20 34.10	−33 15.1	1.294	2.198	15.8	20.2
6 30	20 31.07	−35 24.5	1.224	2.176	12.5	20.0
7 10	20 24.80	−37 35.1	1.175	2.155	9.8	19.8
7 20	20 15.95	−39 34.1	1.149	2.135	9.0	19.7
7 30	20 5.90	−41 8.5	1.146	2.115	11.1	19.7
8 9	19 56.50	−42 10.1	1.164	2.097	14.6	19.9
8 19	19 49.46	−42 37.2	1.201	2.080	18.3	20.0
8 29	19 46.09	−42 33.2	1.255	2.064	21.6	20.2

107752 2001 FS_{36} 7 23.6 161°.25 2°.5/24.9 17

6 20	20 39.26	−11 35.7	1.901	2.752	13.9	21.0
6 30	20 33.25	−11 48.5	1.830	2.758	10.6	20.8
7 10	20 25.25	−12 13.1	1.783	2.764	6.9	20.6
7 20	20 15.91	−12 47.2	1.761	2.769	3.3	20.4
7 30	20 6.18	−13 27.7	1.767	2.774	3.3	20.4
8 9	19 57.08	−14 10.6	1.800	2.777	6.9	20.6
8 19	19 49.50	−14 52.6	1.859	2.780	10.6	20.8
8 29	19 44.13	−15 30.8	1.941	2.783	13.8	21.1

435691 2008 TX_{110} 7 23.6 293°.21 9°.1/27.7 18

6 20	20 34.48	+ 2 2.7	1.734	2.543	16.8	21.0
6 30	20 30.10	+ 2 50.2	1.645	2.525	14.3	20.8
7 10	20 23.60	+ 3 17.3	1.576	2.507	11.8	20.6
7 20	20 15.54	+ 3 20.6	1.528	2.489	9.7	20.4
7 30	20 6.79	+ 2 58.8	1.504	2.471	9.2	20.4
8 9	19 58.45	+ 2 14.2	1.503	2.453	10.6	20.4
8 19	19 51.50	+ 1 11.6	1.526	2.435	13.2	20.5
8 29	19 46.80	− 0 2.5	1.569	2.418	16.2	20.7

132695 2002 NV_{34} 7 23.6 336°.68 5°.0/25.6 18

6 20	20 32.88	− 9 2.8	1.440	2.310	16.6	19.2
6 30	20 29.20	− 8 35.6	1.362	2.296	13.0	18.9
7 10	20 23.15	− 8 23.7	1.305	2.284	9.2	18.7
7 20	20 15.42	− 8 27.7	1.270	2.272	5.7	18.5
7 30	20 7.04	− 8 46.3	1.259	2.261	5.5	18.4
8 9	19 59.28	− 9 16.3	1.271	2.251	8.8	18.6
8 19	19 53.22	− 9 53.1	1.306	2.242	12.9	18.8
8 29	19 49.76	−10 32.1	1.361	2.234	16.7	19.0

181327 2006 QZ_{94} 7 23.6 301°.03 3°.8/21.8 18

6 20	20 38.02	−25 20.7	1.344	2.240	15.9	20.2
6 30	20 33.54	−26 15.2	1.267	2.223	11.9	19.9
7 10	20 26.03	−27 14.3	1.211	2.205	7.4	19.6
7 20	20 16.24	−28 10.8	1.178	2.188	4.0	19.3
7 30	20 5.52	−28 56.6	1.169	2.171	5.9	19.4
8 9	19 55.50	−29 25.9	1.184	2.154	10.6	19.6
8 19	19 47.66	−29 37.0	1.221	2.138	15.2	19.8
8 29	19 43.10	−29 30.9	1.276	2.122	19.3	20.0

520263 2014 ET_{105} 7 23.6 198°.16 1°.8/24.5 17

6 20	20 36.58	−14 10.4	2.063	2.922	12.7	22.2
6 30	20 31.21	−14 10.8	1.987	2.921	9.6	21.9
7 10	20 24.01	−14 19.4	1.934	2.920	6.0	21.7
7 20	20 15.59	−14 34.7	1.907	2.918	2.6	21.5
7 30	20 6.79	−14 54.3	1.908	2.916	2.9	21.5
8 9	19 58.53	−15 15.6	1.936	2.914	6.4	21.7
8 19	19 51.62	−15 36.3	1.989	2.912	9.9	22.0
8 29	19 46.71	−15 54.5	2.066	2.909	13.0	22.2

434701 2006 BD_{268} 7 23.6 109°.28 5°.5/21.2 17

6 20	20 44.77	−34 45.2	1.960	2.827	12.9	21.2
6 30	20 37.33	−35 20.3	1.910	2.843	9.9	21.0
7 10	20 27.61	−35 47.4	1.884	2.859	7.1	20.9
7 20	20 16.52	−36 1.2	1.883	2.874	5.5	20.8
7 30	20 5.25	−35 57.9	1.910	2.889	6.5	20.9
8 9	19 55.03	−35 37.1	1.963	2.904	9.1	21.1
8 19	19 46.82	−35 1.1	2.040	2.918	11.8	21.3
8 29	19 41.26	−34 13.4	2.139	2.932	14.3	21.5

472088 2013 YQ_{129} 7 23.6 179°.00 0°.8/23.9 17

6 20	20 38.47	−17 3.5	2.246	3.105	11.8	22.0
6 30	20 32.46	−17 7.7	2.171	3.106	8.8	21.8
7 10	20 24.69	−17 17.5	2.119	3.107	5.3	21.6
7 20	20 15.78	−17 30.7	2.094	3.108	1.7	21.4
7 30	20 6.52	−17 45.1	2.098	3.108	2.4	21.4
8 9	19 57.81	−17 58.3	2.131	3.107	6.1	21.7
8 19	19 50.41	−18 9.0	2.189	3.106	9.4	21.9
8 29	19 44.95	−18 16.1	2.272	3.105	12.3	22.1

280097 2002 EA_{119} 7 23.6 78°.38 6°.5/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.26	− 1 26.5	1.743	2.568	16.1	20.5
6 30	20 30.38	− 1 19.2	1.682	2.580	13.1	20.4
7 10	20 23.56	− 1 32.5	1.641	2.592	10.0	20.2
7 20	20 15.48	− 2 6.2	1.622	2.604	7.3	20.1
7 30	20 7.07	− 2 58.2	1.629	2.616	6.6	20.0
8 9	19 59.33	− 4 3.6	1.662	2.628	8.4	20.2
8 19	19 53.10	− 5 16.7	1.719	2.640	11.3	20.4
8 29	19 49.05	− 6 31.6	1.799	2.652	14.2	20.6

41849 2000 WS_{86} 7 23.6 334°.35 5°.0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.94	−25 37.3	1.126	2.036	17.2	17.4
6 30	20 31.59	−26 56.6	1.062	2.024	12.8	17.1
7 10	20 25.00	−28 22.4	1.018	2.014	8.2	16.8
7 20	20 15.99	−29 44.7	0.995	2.004	5.0	16.6
7 30	20 6.05	−30 52.9	0.995	1.994	7.2	16.7
8 9	19 57.01	−31 39.4	1.017	1.986	12.0	16.9
8 19	19 50.46	−32 1.8	1.058	1.979	16.7	17.2
8 29	19 47.50	−32 1.7	1.117	1.973	20.8	17.4

75978 2000 CC_{124} 7 23.6 273°.10 2°.6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.27	−26 1.0	1.951	2.827	12.6	19.8
6 30	20 33.55	−26 23.0	1.865	2.810	9.4	19.5
7 10	20 25.60	−26 45.2	1.802	2.793	5.8	19.3
7 20	20 16.07	−27 3.5	1.765	2.776	2.8	19.0
7 30	20 5.95	−27 13.7	1.756	2.758	4.2	19.1
8 9	19 56.39	−27 13.6	1.773	2.741	7.9	19.3
8 19	19 48.42	−27 2.6	1.815	2.723	11.6	19.5
8 29	19 42.82	−26 41.9	1.879	2.705	14.8	19.7

233072 2005 JC_{80} 7 23.6 13°.61 0°.2/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.81	−19 16.4	1.049	1.956	18.4	20.4
6 30	20 31.15	−19 26.5	0.998	1.960	13.6	20.1
7 10	20 24.47	−19 45.7	0.967	1.965	8.1	19.9
7 20	20 15.77	−20 9.5	0.956	1.971	2.1	19.5
7 30	20 6.59	−20 32.5	0.968	1.979	3.9	19.7
8 9	19 58.58	−20 50.0	1.002	1.988	9.6	20.0
8 19	19 53.05	−20 59.8	1.056	1.998	14.7	20.3
8 29	19 50.82	−21 0.7	1.128	2.009	18.9	20.6

518184 2016 NW_{71} 7 23.6 44°.33 2°.3/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.18	−13 8.9	1.522	2.395	15.6	21.3
6 30	20 31.34	−13 15.2	1.463	2.403	11.8	21.0
7 10	20 24.25	−13 34.0	1.425	2.412	7.5	20.8
7 20	20 15.69	−14 2.9	1.410	2.421	3.3	20.6
7 30	20 6.74	−14 38.1	1.421	2.430	3.5	20.6
8 9	19 58.61	−15 15.3	1.458	2.440	7.6	20.9
8 19	19 52.28	−15 50.8	1.518	2.450	11.8	21.2
8 29	19 48.45	−16 21.8	1.600	2.460	15.3	21.4

283881 2003 YW_{157} 7 23.6 333°.44 1°.3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.20	−22 52.5	1.731	2.612	13.7	20.0
6 30	20 32.78	−23 1.9	1.660	2.609	10.1	19.7
7 10	20 25.11	−23 13.6	1.612	2.606	6.0	19.5
7 20	20 15.93	−23 24.1	1.589	2.603	1.9	19.2
7 30	20 6.30	−23 29.8	1.592	2.600	3.4	19.3
8 9	19 57.42	−23 28.6	1.622	2.598	7.7	19.6
8 19	19 50.28	−23 19.9	1.676	2.596	11.6	19.8
8 29	19 45.63	−23 4.2	1.751	2.594	15.0	20.0

95507 2002 EO_{48} 7 23.6 2°.17 3°.0/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 31.83	−11 18.7	1.668	2.539	14.6	18.9
6 30	20 28.06	−11 20.5	1.600	2.537	11.2	18.6
7 10	20 22.29	−11 35.5	1.553	2.537	7.4	18.4
7 20	20 15.17	−12 2.1	1.530	2.538	3.8	18.2
7 30	20 7.65	−12 37.5	1.532	2.539	3.7	18.2
8 9	20 0.74	−13 17.5	1.560	2.542	7.2	18.4
8 19	19 55.35	−13 58.4	1.611	2.545	11.0	18.7
8 29	19 52.17	−14 36.5	1.684	2.549	14.4	18.9

512102 2015 OZ_{32} 7 23.6 326°.38 0°.6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.52	−18 11.0	2.002	2.877	12.4	20.6
6 30	20 29.16	−19 6.2	1.926	2.871	9.1	20.4
7 10	20 22.92	−20 9.8	1.873	2.866	5.4	20.2
7 20	20 15.35	−21 17.7	1.846	2.861	1.4	19.9
7 30	20 7.31	−22 24.6	1.847	2.856	2.9	20.0
8 9	19 59.73	−23 25.9	1.875	2.851	6.8	20.2
8 19	19 53.48	−24 18.0	1.929	2.846	10.4	20.5
8 29	19 49.27	−24 59.2	2.005	2.842	13.6	20.7

522720 2016 LA_{62} 7 23.6 227°.18 5°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.99	− 6 20.2	1.954	2.787	14.3	21.7
6 30	20 32.36	− 5 41.0	1.872	2.781	11.5	21.5
7 10	20 24.78	− 5 14.5	1.812	2.775	8.4	21.3
7 20	20 15.85	− 5 1.7	1.777	2.768	5.9	21.1
7 30	20 6.46	− 5 2.4	1.769	2.761	5.6	21.1
8 9	19 57.57	− 5 14.8	1.787	2.753	7.9	21.2
8 19	19 50.07	− 5 36.1	1.830	2.746	11.0	21.4
8 29	19 44.67	− 6 2.9	1.896	2.738	14.1	21.6

121697 1999 XD_{73} 7 23.6 207°.14 0°.8/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 34.31	−20 39.2	2.658	3.524	10.0	19.9
6 30	20 29.28	−21 11.8	2.580	3.521	7.3	19.7
7 10	20 22.78	−21 48.1	2.526	3.517	4.3	19.5
7 20	20 15.29	−22 25.3	2.499	3.513	1.3	19.3
7 30	20 7.47	−23 0.4	2.502	3.509	2.4	19.4
8 9	20 0.04	−23 30.8	2.533	3.505	5.5	19.6
8 19	19 53.65	−23 54.9	2.591	3.500	8.4	19.8
8 29	19 48.87	−24 11.8	2.672	3.496	11.0	19.9

262353 2006 TS_{70} 7 23.6 199°.10 0°.4/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.41	−18 53.9	1.859	2.729	13.4	21.2
6 30	20 33.60	−19 27.5	1.784	2.726	9.9	21.0
7 10	20 25.60	−20 8.2	1.731	2.723	5.9	20.7
7 20	20 16.09	−20 51.9	1.705	2.719	1.6	20.4
7 30	20 6.06	−21 33.9	1.706	2.715	3.0	20.5
8 9	19 56.63	−22 10.5	1.734	2.710	7.3	20.8
8 19	19 48.78	−22 39.1	1.788	2.705	11.2	21.0
8 29	19 43.30	−22 58.8	1.864	2.699	14.6	21.2

353158 2009 HY_{65} 7 23.6 34°.75 4°.2/21.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.51	−26 45.4	1.619	2.511	13.9	19.9
6 30	20 30.92	−28 4.8	1.574	2.526	10.2	19.8
7 10	20 24.03	−29 24.8	1.551	2.542	6.5	19.6
7 20	20 15.64	−30 38.0	1.553	2.559	4.2	19.5
7 30	20 6.91	−31 37.6	1.582	2.576	5.8	19.6
8 9	19 59.03	−32 19.8	1.635	2.594	9.2	19.8
8 19	19 53.02	−32 43.5	1.711	2.612	12.5	20.1
8 29	19 49.57	−32 50.4	1.808	2.631	15.4	20.3

172917 2005 GX_{130} 7 23.6 232°.87 1°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.18	−15 34.8	2.076	2.939	12.5	21.2
6 30	20 30.97	−15 43.0	1.997	2.934	9.3	21.0
7 10	20 23.92	−15 58.9	1.941	2.929	5.8	20.7
7 20	20 15.62	−16 20.4	1.911	2.924	2.1	20.5
7 30	20 6.90	−16 44.7	1.909	2.919	2.6	20.5
8 9	19 58.69	−17 9.0	1.934	2.913	6.4	20.7
8 19	19 51.82	−17 31.0	1.985	2.907	10.0	21.0
8 29	19 46.94	−17 49.2	2.059	2.902	13.1	21.1

164687 1997 ME_{6} 7 23.6 231°.85 5°.1/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.88	− 4 28.9	2.130	2.956	13.5	20.4
6 30	20 29.95	− 4 14.2	2.047	2.950	10.9	20.2
7 10	20 23.29	− 4 14.0	1.987	2.945	8.1	20.0
7 20	20 15.45	− 4 28.6	1.951	2.938	5.7	19.8
7 30	20 7.19	− 4 56.8	1.941	2.932	5.3	19.8
8 9	19 59.36	− 5 35.9	1.958	2.926	7.3	19.9
8 19	19 52.74	− 6 22.1	2.001	2.919	10.1	20.1
8 29	19 47.97	− 7 11.5	2.067	2.912	12.9	20.3

266643 2008 SF_{62} 7 23.6 274°.15 0°.4/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.47	−20 35.0	2.555	3.422	10.3	20.5
6 30	20 29.41	−20 43.9	2.477	3.418	7.6	20.3
7 10	20 22.85	−20 55.6	2.424	3.415	4.5	20.1
7 20	20 15.31	−21 8.1	2.397	3.412	1.2	19.8
7 30	20 7.47	−21 19.1	2.400	3.409	2.3	19.9
8 9	20 0.08	−21 26.9	2.430	3.405	5.5	20.1
8 19	19 53.80	−21 30.3	2.487	3.402	8.5	20.3
8 29	19 49.18	−21 29.0	2.568	3.399	11.1	20.5

234292 2000 YL_{8} 7 23.6 273°.05 1°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.42	−21 46.9	1.802	2.681	13.3	20.5
6 30	20 32.35	−22 27.2	1.718	2.666	9.9	20.2
7 10	20 24.98	−23 13.2	1.656	2.650	5.9	20.0
7 20	20 15.96	−24 0.2	1.620	2.634	2.0	19.7
7 30	20 6.26	−24 43.1	1.611	2.618	3.7	19.8
8 9	19 57.07	−25 17.6	1.629	2.602	7.9	20.0
8 19	19 49.45	−25 41.4	1.670	2.585	12.0	20.2
8 29	19 44.28	−25 53.9	1.733	2.569	15.5	20.4

366081 2012 CC_{43} 7 23.6 246°.51 2°.0/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.13	−24 27.0	2.456	3.328	10.5	21.2
6 30	20 30.07	−25 6.0	2.376	3.321	7.7	21.0
7 10	20 23.34	−25 46.9	2.322	3.313	4.7	20.8
7 20	20 15.46	−26 26.0	2.294	3.305	2.1	20.6
7 30	20 7.20	−26 59.7	2.295	3.297	3.4	20.7
8 9	19 59.36	−27 25.3	2.324	3.289	6.4	20.9
8 19	19 52.70	−27 41.6	2.378	3.281	9.4	21.1
8 29	19 47.83	−27 48.4	2.456	3.273	12.0	21.3

478567 2012 TL_{67} 7 23.6 293°.13 8°.2/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.86	+ 0 17.4	1.791	2.606	16.1	20.9
6 30	20 30.28	+ 1 4.6	1.707	2.594	13.6	20.7
7 10	20 23.66	+ 1 33.0	1.643	2.582	10.9	20.5
7 20	20 15.59	+ 1 40.1	1.602	2.570	8.8	20.4
7 30	20 6.94	+ 1 25.1	1.585	2.558	8.3	20.3
8 9	19 58.75	+ 0 50.2	1.593	2.546	9.8	20.4
8 19	19 51.95	− 0 0.3	1.624	2.534	12.5	20.5
8 29	19 47.32	− 1 0.5	1.676	2.523	15.4	20.7

437612 2014 BY_{13} 7 23.6 261°.23 2°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.24	−22 38.3	1.922	2.798	12.8	21.5
6 30	20 32.89	−23 24.3	1.834	2.780	9.4	21.3
7 10	20 25.29	−24 15.3	1.769	2.761	5.7	21.0
7 20	20 16.05	−25 6.7	1.730	2.742	2.2	20.7
7 30	20 6.11	−25 53.0	1.718	2.723	3.8	20.8
8 9	19 56.62	−26 30.1	1.734	2.703	7.8	21.0
8 19	19 48.61	−26 55.7	1.774	2.683	11.7	21.2
8 29	19 42.96	−27 9.4	1.836	2.663	15.1	21.4

44633 1999 RB_{90} 7 23.6 218°.05 2°.0/24.7 18

6 20	20 37.60	−12 32.0	1.605	2.472	15.3	18.4
6 30	20 32.50	−12 58.6	1.531	2.468	11.6	18.2
7 10	20 25.06	−13 39.4	1.478	2.464	7.4	17.9
7 20	20 15.98	−14 31.5	1.449	2.461	3.1	17.7
7 30	20 6.30	−15 30.1	1.447	2.456	3.3	17.7
8 9	19 57.24	−16 29.7	1.471	2.452	7.7	17.9
8 19	19 49.89	−17 25.6	1.519	2.447	12.0	18.2
8 29	19 45.07	−18 14.5	1.589	2.442	15.8	18.4

119815 2002 AY_{169} 7 23.6 64°.02 0°.8/23.2 18

6 20	20 35.64	−20 47.0	2.093	2.967	11.9	20.0
6 30	20 30.52	−21 10.7	2.027	2.972	8.8	19.8
7 10	20 23.61	−21 38.3	1.984	2.977	5.2	19.6
7 20	20 15.54	−22 6.6	1.967	2.982	1.5	19.3
7 30	20 7.14	−22 32.4	1.978	2.987	2.8	19.4
8 9	19 59.33	−22 52.8	2.017	2.992	6.5	19.7
8 19	19 52.92	−23 6.5	2.080	2.997	9.9	19.9
8 29	19 48.51	−23 12.9	2.167	3.002	12.8	20.1

452521 2004 TW_{16} 7 23.6 296°.92 11°.0/28.9 16

6 20	20 33.80	+11 33.7	2.306	3.036	15.4	21.3
6 30	20 29.20	+12 51.0	2.215	3.017	13.9	21.1
7 10	20 22.91	+13 48.8	2.143	2.999	12.4	21.0
7 20	20 15.38	+14 23.2	2.092	2.980	11.4	20.9
7 30	20 7.32	+14 31.7	2.064	2.961	11.0	20.8
8 9	19 59.54	+14 14.4	2.058	2.943	11.6	20.8
8 19	19 52.81	+13 34.0	2.075	2.924	12.8	20.9
8 29	19 47.81	+12 35.6	2.112	2.906	14.5	21.0

20741 Jeanmichelreess 7 23.6 141°.71 0°.3/23.4 18

6 20	20 36.51	−20 37.2	3.009	3.865	9.2	19.0
6 30	20 30.60	−20 41.8	2.940	3.877	6.7	18.9
7 10	20 23.42	−20 48.3	2.898	3.888	4.0	18.7
7 20	20 15.46	−20 55.0	2.884	3.898	1.1	18.5
7 30	20 7.32	−21 0.2	2.900	3.908	2.0	18.6
8 9	19 59.65	−21 2.5	2.945	3.918	4.8	18.8
8 19	19 52.99	−21 1.4	3.018	3.927	7.4	19.0
8 29	19 47.79	−20 56.6	3.116	3.936	9.7	19.2

121541 1999 UZ_{51} 7 23.6 111°.53 6°.9/19.4 18

6 20	20 41.18	−36 9.4	1.904	2.777	13.0	19.4
6 30	20 35.09	−37 30.9	1.853	2.786	10.2	19.2
7 10	20 26.55	−38 45.2	1.825	2.794	7.9	19.1
7 20	20 16.36	−39 44.7	1.823	2.802	6.9	19.1
7 30	20 5.71	−40 23.5	1.846	2.809	8.1	19.1
8 9	19 55.91	−40 39.4	1.895	2.817	10.5	19.3
8 19	19 48.06	−40 33.6	1.966	2.824	13.1	19.5
8 29	19 42.93	−40 9.7	2.057	2.831	15.4	19.7

40740 1999 SF_{27} 7 23.6 289°.52 8°.8/27.8 18

6 20	20 34.84	+ 1 54.2	1.793	2.600	16.4	19.2
6 30	20 30.27	+ 2 43.3	1.710	2.588	14.0	19.0
7 10	20 23.67	+ 3 12.5	1.646	2.577	11.4	18.8
7 20	20 15.61	+ 3 19.0	1.605	2.565	9.4	18.7
7 30	20 6.97	+ 3 1.7	1.587	2.553	8.9	18.6
8 9	19 58.79	+ 2 22.8	1.594	2.542	10.2	18.7
8 19	19 51.99	+ 1 27.0	1.623	2.530	12.7	18.8
8 29	19 47.36	+ 0 20.3	1.674	2.519	15.5	19.0

183104 2002 RL_{117} 7 23.6 342°.07 7°.2/20.6 17

6 20	20 35.04	−30 54.7	1.075	1.988	17.6	19.3
6 30	20 31.90	−32 2.9	1.014	1.975	13.5	19.0
7 10	20 25.28	−33 9.3	0.973	1.963	9.4	18.7
7 20	20 16.13	−34 3.3	0.951	1.953	7.2	18.6
7 30	20 6.08	−34 35.3	0.952	1.944	9.1	18.6
8 9	19 57.13	−34 40.1	0.973	1.936	13.2	18.8
8 19	19 50.90	−34 18.8	1.013	1.930	17.6	19.1
8 29	19 48.49	−33 35.7	1.069	1.925	21.5	19.3

432386 2009 WA_{238} 7 23.6 276°.40 2°.5/22.4 17

6 20	20 38.58	−24 2.3	1.653	2.537	14.0	21.4
6 30	20 33.35	−24 40.1	1.577	2.527	10.4	21.2
7 10	20 25.64	−25 21.4	1.523	2.516	6.3	20.9
7 20	20 16.17	−26 0.8	1.494	2.506	2.7	20.7
7 30	20 6.05	−26 32.9	1.491	2.496	4.4	20.7
8 9	19 56.61	−26 53.8	1.514	2.485	8.6	21.0
8 19	19 48.97	−27 2.2	1.561	2.475	12.7	21.2
8 29	19 44.01	−26 58.5	1.628	2.465	16.2	21.4

270184 2001 SZ_{275} 7 23.6 151°.17 17°.1/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.51	+16 59.6	1.336	2.075	24.2	20.4
6 30	20 33.51	+18 20.1	1.278	2.080	22.1	20.3
7 10	20 25.82	+19 2.6	1.233	2.084	20.0	20.1
7 20	20 16.22	+18 59.6	1.203	2.087	18.2	20.0
7 30	20 5.97	+18 7.7	1.192	2.091	17.2	20.0
8 9	19 56.49	+16 30.7	1.199	2.094	17.3	20.0
8 19	19 49.05	+14 18.0	1.225	2.096	18.5	20.1
8 29	19 44.55	+11 42.8	1.269	2.098	20.4	20.2

329719 2003 WY_{101} 7 23.6 197°.27 1°.3/22.9 17

6 20	20 40.50	−21 2.7	1.844	2.716	13.4	22.0
6 30	20 34.45	−21 40.8	1.769	2.713	9.9	21.7
7 10	20 26.15	−22 24.1	1.718	2.710	5.9	21.5
7 20	20 16.28	−23 8.2	1.693	2.706	1.8	21.2
7 30	20 5.88	−23 48.1	1.695	2.702	3.4	21.3
8 9	19 56.11	−24 20.1	1.724	2.697	7.6	21.6
8 19	19 47.99	−24 42.1	1.779	2.691	11.5	21.8
8 29	19 42.31	−24 54.0	1.856	2.685	14.8	22.0

354674 2005 ND_{53} 7 23.6 273°.40 1°.3/24.6 18

6 20	20 33.98	−12 19.5	2.102	2.959	12.6	20.7
6 30	20 29.43	−13 12.6	2.018	2.951	9.5	20.5
7 10	20 23.08	−14 18.6	1.958	2.943	5.9	20.3
7 20	20 15.46	−15 34.4	1.924	2.936	2.3	20.0
7 30	20 7.33	−16 55.0	1.918	2.928	2.6	20.0
8 9	19 59.60	−18 15.2	1.941	2.920	6.3	20.3
8 19	19 53.08	−19 30.4	1.990	2.912	9.9	20.5
8 29	19 48.47	−20 37.2	2.062	2.904	13.1	20.7

475978 2007 OE_{11} 7 23.6 293°.75 4°.0/21.5 16

6 20	20 39.62	−28 37.0	1.886	2.765	12.8	21.7
6 30	20 34.19	−29 18.7	1.787	2.732	9.7	21.5
7 10	20 26.24	−30 0.7	1.711	2.699	6.4	21.2
7 20	20 16.38	−30 37.1	1.660	2.665	4.1	21.0
7 30	20 5.62	−31 2.3	1.636	2.632	5.5	21.0
8 9	19 55.26	−31 12.6	1.638	2.598	9.1	21.2
8 19	19 46.49	−31 7.0	1.665	2.563	12.9	21.3
8 29	19 40.31	−30 47.1	1.711	2.529	16.4	21.5

98182 2000 SR_{105} 7 23.6 181°.59 1°.1/24.1 18

6 20	20 40.38	−15 54.1	1.646	2.515	14.9	20.5
6 30	20 34.46	−16 7.2	1.575	2.516	11.1	20.3
7 10	20 26.18	−16 29.7	1.527	2.516	6.8	20.0
7 20	20 16.30	−16 58.7	1.503	2.516	2.3	19.7
7 30	20 5.90	−17 30.1	1.506	2.516	3.1	19.8
8 9	19 56.23	−18 0.2	1.535	2.515	7.6	20.1
8 19	19 48.35	−18 26.2	1.589	2.513	11.9	20.3
8 29	19 43.04	−18 46.3	1.665	2.511	15.5	20.6

142793 2002 UW_{19} 7 23.6 293°.22 6°.3/19.2 18

6 20	20 38.13	−32 44.7	1.882	2.763	12.8	19.2
6 30	20 33.19	−34 14.7	1.798	2.739	10.0	19.0
7 10	20 25.69	−35 44.2	1.737	2.714	7.4	18.8
7 20	20 16.23	−37 5.0	1.701	2.690	6.3	18.7
7 30	20 5.87	−38 9.3	1.692	2.666	7.8	18.7
8 9	19 55.92	−38 52.1	1.708	2.641	10.7	18.8
8 19	19 47.63	−39 12.0	1.747	2.617	13.9	19.0
8 29	19 42.04	−39 11.0	1.805	2.593	16.8	19.1

241240 2007 TZ_{199} 7 23.6 303°.15 3°.1/25.2 18

6 20	20 35.33	−10 50.4	1.874	2.731	13.9	20.9
6 30	20 30.49	−10 46.7	1.798	2.727	10.7	20.7
7 10	20 23.72	−10 54.8	1.745	2.724	7.1	20.5
7 20	20 15.62	−11 13.6	1.716	2.722	3.8	20.3
7 30	20 7.09	−11 40.9	1.713	2.719	3.7	20.3
8 9	19 59.11	−12 13.5	1.737	2.716	7.0	20.5
8 19	19 52.55	−12 47.9	1.786	2.713	10.6	20.7
8 29	19 48.10	−13 21.2	1.858	2.710	13.8	20.9

471153 2010 FV_{56} 7 23.6 123°.89 5°.7/20.5 17

6 20	20 42.67	−35 35.9	2.182	3.046	11.9	21.4
6 30	20 35.77	−36 26.7	2.130	3.060	9.2	21.3
7 10	20 26.76	−37 10.3	2.103	3.073	6.8	21.2
7 20	20 16.42	−37 41.0	2.102	3.086	5.7	21.1
7 30	20 5.81	−37 54.9	2.128	3.099	6.6	21.2
8 9	19 56.06	−37 50.8	2.180	3.111	8.9	21.4
8 19	19 48.07	−37 30.3	2.257	3.122	11.3	21.5
8 29	19 42.50	−36 56.3	2.355	3.133	13.6	21.7

74856 1999 TN_{88} 7 23.6 255°.23 1°.3/24.2 18

6 20	20 39.09	−15 18.0	1.724	2.591	14.4	20.3
6 30	20 33.66	−15 33.2	1.634	2.573	10.9	20.0
7 10	20 25.84	−15 58.9	1.566	2.555	6.8	19.7
7 20	20 16.26	−16 32.2	1.524	2.537	2.4	19.4
7 30	20 5.93	−17 9.6	1.508	2.517	3.1	19.4
8 9	19 56.06	−17 46.8	1.518	2.498	7.7	19.6
8 19	19 47.78	−18 20.4	1.553	2.478	12.1	19.9
8 29	19 42.00	−18 48.1	1.610	2.457	15.9	20.1

6848 1978 VG_5 7 23.6 160°.70 0°.1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.17	−18 56.9	2.633	3.494	10.2	18.6
6 30	20 29.87	−19 15.4	2.560	3.498	7.5	18.4
7 10	20 23.13	−19 38.1	2.512	3.502	4.4	18.2
7 20	20 15.44	−20 2.4	2.491	3.506	1.2	18.0
7 30	20 7.48	−20 26.1	2.499	3.509	2.1	18.1
8 9	19 59.97	−20 46.9	2.536	3.511	5.3	18.3
8 19	19 53.55	−21 3.4	2.600	3.514	8.2	18.5
8 29	19 48.73	−21 14.8	2.688	3.516	10.8	18.7

276073 2002 CQ_{190} 7 23.6 58°.18 0°.9/23.3 17

6 20	20 39.53	−21 24.6	1.533	2.416	15.0	20.4
6 30	20 33.79	−21 36.3	1.481	2.431	11.0	20.2
7 10	20 25.70	−21 52.0	1.451	2.445	6.5	19.9
7 20	20 16.14	−22 7.6	1.446	2.460	1.8	19.7
7 30	20 6.32	−22 19.5	1.466	2.475	3.4	19.8
8 9	19 57.49	−22 25.0	1.512	2.490	7.9	20.1
8 19	19 50.65	−22 23.3	1.582	2.506	11.9	20.4
8 29	19 46.47	−22 14.8	1.673	2.521	15.3	20.7

503942 2003 UV_{30} 7 23.6 300°.99 4°.4/25.1 18

6 20	20 37.25	−11 14.8	1.331	2.205	17.4	21.6
6 30	20 32.77	−10 46.3	1.249	2.188	13.6	21.3
7 10	20 25.52	−10 31.4	1.187	2.170	9.2	21.0
7 20	20 16.21	−10 30.5	1.147	2.153	5.2	20.7
7 30	20 6.03	−10 42.3	1.131	2.136	5.2	20.6
8 9	19 56.47	−11 3.5	1.138	2.120	9.4	20.8
8 19	19 48.84	−11 30.3	1.168	2.103	14.2	21.1
8 29	19 44.18	−11 58.6	1.217	2.087	18.5	21.3

159280 2006 AG_{18} 7 23.6 173°.98 1°.2/24.5 18

6 20	20 33.11	−13 56.3	2.536	3.391	10.8	20.2
6 30	20 28.44	−14 23.1	2.459	3.391	8.0	20.1
7 10	20 22.32	−14 58.0	2.406	3.392	5.0	19.9
7 20	20 15.23	−15 38.7	2.381	3.392	1.9	19.7
7 30	20 7.84	−16 22.5	2.383	3.393	2.2	19.7
8 9	20 0.84	−17 6.3	2.414	3.393	5.3	19.9
8 19	19 54.88	−17 47.5	2.473	3.393	8.3	20.1
8 29	19 50.49	−18 24.2	2.555	3.393	11.0	20.3

326179 2012 BR_{127} 7 23.6 218°.19 0°.2/23.5 18

6 20	20 34.40	−19 1.5	2.672	3.535	10.0	21.8
6 30	20 29.36	−19 26.0	2.590	3.529	7.4	21.6
7 10	20 22.87	−19 54.9	2.533	3.523	4.4	21.4
7 20	20 15.39	−20 25.9	2.503	3.517	1.2	21.2
7 30	20 7.57	−20 56.1	2.502	3.511	2.2	21.3
8 9	20 0.13	−21 23.3	2.529	3.504	5.4	21.5
8 19	19 53.72	−21 45.7	2.584	3.497	8.3	21.7
8 29	19 48.88	−22 2.4	2.662	3.490	10.9	21.8

498933 2009 BQ_{37} 7 23.6 275°.19 1°.3/23.1 17

6 20	20 39.56	−20 21.1	1.365	2.253	16.2	21.7
6 30	20 34.60	−20 56.5	1.285	2.237	12.1	21.4
7 10	20 26.69	−21 40.8	1.225	2.220	7.3	21.1
7 20	20 16.55	−22 28.7	1.189	2.203	2.1	20.7
7 30	20 5.46	−23 13.6	1.177	2.186	4.1	20.8
8 9	19 55.02	−23 49.8	1.191	2.169	9.5	21.1
8 19	19 46.66	−24 14.2	1.226	2.152	14.5	21.3
8 29	19 41.48	−24 26.1	1.281	2.134	18.8	21.5

473249 2015 MW_1 7 23.6 301°.09 4°.0/21.0 18

6 20	20 36.85	−26 4.5	1.714	2.601	13.5	20.5
6 30	20 32.10	−27 26.5	1.644	2.594	10.0	20.3
7 10	20 24.94	−28 52.2	1.597	2.588	6.4	20.1
7 20	20 16.03	−30 14.2	1.575	2.581	4.1	19.9
7 30	20 6.46	−31 25.0	1.580	2.575	5.7	20.0
8 9	19 57.49	−32 19.1	1.610	2.569	9.3	20.2
8 19	19 50.25	−32 54.6	1.664	2.562	13.0	20.4
8 29	19 45.62	−33 11.9	1.739	2.557	16.1	20.6

444418 2006 BM_{30} 7 23.6 253°.75 0°.4/23.9 18

6 20	20 33.41	−15 49.1	2.525	3.385	10.6	20.9
6 30	20 28.77	−16 31.5	2.438	3.375	7.9	20.7
7 10	20 22.60	−17 21.9	2.376	3.365	4.8	20.5
7 20	20 15.35	−18 17.5	2.341	3.354	1.4	20.3
7 30	20 7.69	−19 14.7	2.334	3.344	2.2	20.3
8 9	20 0.36	−20 10.0	2.357	3.333	5.5	20.5
8 19	19 54.05	−21 0.4	2.406	3.323	8.7	20.7
8 29	19 49.35	−21 43.9	2.479	3.312	11.4	20.9

512801 2016 UA_{87} 7 23.6 1°.78 0°.7/23.9 18 R

6 20	20 35.26	−17 5.0	1.713	2.590	14.0	21.0
6 30	20 30.62	−17 15.4	1.644	2.590	10.4	20.8
7 10	20 23.87	−17 33.7	1.598	2.589	6.3	20.6
7 20	20 15.70	−17 57.2	1.576	2.589	1.9	20.3
7 30	20 7.11	−18 22.4	1.580	2.590	2.8	20.4
8 9	19 59.19	−18 46.0	1.610	2.591	7.2	20.6
8 19	19 52.87	−19 5.6	1.664	2.592	11.2	20.9
8 29	19 48.87	−19 19.6	1.740	2.594	14.6	21.1

428202 2006 UO_{252} 7 23.6 211°.05 3°.6/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.66	−27 18.0	1.894	2.769	13.0	22.6
6 30	20 35.41	−28 6.3	1.820	2.764	9.7	22.3
7 10	20 26.79	−28 54.8	1.769	2.757	6.2	22.1
7 20	20 16.52	−29 37.8	1.744	2.750	3.6	21.9
7 30	20 5.68	−30 10.0	1.746	2.743	5.0	22.0
8 9	19 55.49	−30 28.0	1.775	2.735	8.5	22.2
8 19	19 47.03	−30 31.4	1.829	2.726	12.0	22.4
8 29	19 41.11	−30 21.7	1.904	2.717	15.1	22.6

442912 2013 CR_{26} 7 23.6 71°.24 1°.0/23.2 18

6 20	20 39.02	−23 19.9	2.108	2.979	12.0	21.3
6 30	20 32.91	−23 16.2	2.047	2.990	8.8	21.1
7 10	20 24.99	−23 13.1	2.009	3.001	5.2	20.9
7 20	20 15.97	−23 8.2	1.999	3.012	1.6	20.7
7 30	20 6.74	−22 59.4	2.016	3.024	2.8	20.8
8 9	19 58.25	−22 45.6	2.061	3.035	6.4	21.1
8 19	19 51.27	−22 26.8	2.132	3.046	9.8	21.3
8 29	19 46.39	−22 3.6	2.225	3.057	12.6	21.5

492380 2014 HL_{137} 7 23.6 107°.82 1°.8/22.6 18

6 20	20 36.19	−22 51.4	2.096	2.971	11.9	21.9
6 30	20 31.02	−23 32.5	2.029	2.975	8.7	21.7
7 10	20 23.99	−24 16.8	1.986	2.979	5.2	21.5
7 20	20 15.73	−25 0.0	1.970	2.982	2.0	21.3
7 30	20 7.10	−25 38.0	1.981	2.986	3.4	21.4
8 9	19 59.06	−26 7.6	2.020	2.990	6.9	21.6
8 19	19 52.42	−26 27.4	2.083	2.993	10.2	21.8
8 29	19 47.83	−26 37.2	2.170	2.996	13.1	22.0

96988 1999 TP_{214} 7 23.6 338°.69 2°.8/24.9 18

6 20	20 33.38	−12 42.3	1.403	2.284	16.3	19.1
6 30	20 29.69	−12 43.5	1.329	2.274	12.4	18.8
7 10	20 23.55	−12 58.8	1.276	2.264	8.1	18.6
7 20	20 15.68	−13 26.5	1.244	2.255	3.8	18.3
7 30	20 7.16	−14 3.3	1.237	2.246	3.9	18.3
8 9	19 59.30	−14 44.4	1.255	2.239	8.3	18.5
8 19	19 53.24	−15 25.2	1.294	2.233	12.8	18.8
8 29	19 49.85	−16 1.9	1.354	2.227	16.8	19.0

106678 2000 WR_{152} 7 23.6 218°.34 2°.3/22.3 18

6 20	20 37.66	−26 30.8	2.464	3.334	10.5	19.9
6 30	20 31.90	−26 51.6	2.387	3.329	7.8	19.8
7 10	20 24.44	−27 11.8	2.335	3.324	4.8	19.6
7 20	20 15.85	−27 28.1	2.309	3.319	2.4	19.4
7 30	20 6.91	−27 37.7	2.312	3.313	3.5	19.5
8 9	19 58.49	−27 38.8	2.343	3.307	6.5	19.6
8 19	19 51.34	−27 31.2	2.400	3.301	9.4	19.8
8 29	19 46.06	−27 15.4	2.480	3.295	12.0	20.0

511968 2015 KU_{26} 7 23.6 328°.62 2°.8/21.8 18

6 20	20 35.39	−22 25.1	1.630	2.518	14.0	20.2
6 30	20 31.06	−23 45.5	1.559	2.512	10.3	19.9
7 10	20 24.33	−25 13.5	1.512	2.506	6.2	19.7
7 20	20 15.89	−26 42.0	1.489	2.500	3.0	19.5
7 30	20 6.79	−28 3.2	1.493	2.495	4.8	19.6
8 9	19 58.28	−29 10.8	1.522	2.490	8.9	19.8
8 19	19 51.49	−30 1.3	1.576	2.486	12.8	20.0
8 29	19 47.29	−30 34.3	1.649	2.481	16.3	20.2

7006 Folco 7 23.6 135°.80 1°.7/24.6 18

6 20	20 38.59	−13 22.1	1.786	2.647	14.3	19.8
6 30	20 32.92	−13 43.3	1.721	2.656	10.7	19.6
7 10	20 25.17	−14 15.7	1.678	2.664	6.7	19.4
7 20	20 16.07	−14 56.4	1.661	2.673	2.7	19.1
7 30	20 6.57	−15 41.4	1.671	2.680	3.0	19.2
8 9	19 57.77	−16 26.7	1.708	2.688	7.0	19.4
8 19	19 50.57	−17 8.5	1.770	2.694	10.8	19.7
8 29	19 45.67	−17 44.7	1.855	2.701	14.2	19.9

467604 2007 VG_{294} 7 23.6 153°.87 4°.2/25.6 17

6 20	20 38.60	− 8 38.7	1.569	2.423	16.2	22.1
6 30	20 33.19	− 8 35.6	1.501	2.426	12.6	21.9
7 10	20 25.46	− 8 48.5	1.454	2.430	8.7	21.6
7 20	20 16.17	− 9 16.5	1.430	2.433	5.1	21.4
7 30	20 6.39	− 9 56.6	1.432	2.436	4.7	21.4
8 9	19 57.32	−10 44.2	1.460	2.438	8.1	21.6
8 19	19 50.02	−11 34.7	1.512	2.440	12.1	21.9
8 29	19 45.25	−12 23.5	1.586	2.442	15.6	22.1

71064 1999 XX_{103} 7 23.6 213°.75 6°.0/19.9 18

6 20	20 41.16	−35 16.7	2.128	2.996	12.0	19.5
6 30	20 34.98	−36 21.0	2.059	2.991	9.4	19.4
7 10	20 26.50	−37 19.7	2.015	2.986	7.1	19.2
7 20	20 16.45	−38 6.4	1.997	2.980	6.0	19.1
7 30	20 5.87	−38 35.9	2.005	2.974	7.1	19.2
8 9	19 55.95	−38 45.8	2.040	2.968	9.5	19.3
8 19	19 47.72	−38 36.8	2.098	2.961	12.2	19.5
8 29	19 41.97	−38 11.6	2.176	2.954	14.6	19.7

466114 2012 DN_{38} 7 23.6 208°.63 0°.7/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.98	−18 32.6	1.679	2.553	14.4	21.9
6 30	20 34.31	−19 20.1	1.604	2.549	10.7	21.6
7 10	20 26.22	−20 16.7	1.551	2.543	6.4	21.4
7 20	20 16.40	−21 17.5	1.523	2.538	1.7	21.1
7 30	20 5.94	−22 16.5	1.523	2.532	3.3	21.2
8 9	19 56.09	−23 8.5	1.549	2.525	8.0	21.4
8 19	19 47.98	−23 50.1	1.600	2.518	12.2	21.7
8 29	19 42.47	−24 20.2	1.672	2.510	15.8	21.9

119933 2002 GN 7 23.6 195°.42 4°.6/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 32.83	− 2 13.0	2.591	3.400	11.9	19.9
6 30	20 28.21	− 2 27.3	2.508	3.398	9.6	19.8
7 10	20 22.20	− 2 56.4	2.447	3.396	7.2	19.6
7 20	20 15.26	− 3 39.6	2.412	3.394	5.2	19.5
7 30	20 8.00	− 4 35.1	2.404	3.392	4.6	19.5
8 9	20 1.09	− 5 39.6	2.424	3.390	6.2	19.6
8 19	19 55.13	− 6 49.1	2.471	3.387	8.5	19.7
8 29	19 50.67	− 7 59.7	2.544	3.384	10.9	19.9

255190 2005 UU_{287} 7 23.6 55°.23 0°.1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.01	−18 21.6	1.998	2.871	12.5	20.4
6 30	20 30.12	−18 50.9	1.938	2.882	9.2	20.2
7 10	20 23.44	−19 26.5	1.901	2.893	5.4	20.0
7 20	20 15.60	−20 4.9	1.890	2.904	1.4	19.8
7 30	20 7.47	−20 42.4	1.906	2.916	2.6	19.9
8 9	19 59.96	−21 15.8	1.949	2.927	6.4	20.2
8 19	19 53.87	−21 42.8	2.018	2.939	9.9	20.4
8 29	19 49.80	−22 2.3	2.109	2.951	12.9	20.6

209347 2004 CG_{105} 7 23.6 221°.47 6°.7/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.69	−39 16.1	2.296	3.154	11.6	20.9
6 30	20 36.00	−40 7.2	2.228	3.148	9.4	20.8
7 10	20 27.06	−40 49.7	2.183	3.141	7.5	20.6
7 20	20 16.61	−41 17.5	2.164	3.134	6.7	20.6
7 30	20 5.72	−41 26.5	2.172	3.127	7.6	20.6
8 9	19 55.54	−41 15.1	2.205	3.119	9.6	20.7
8 19	19 47.10	−40 45.1	2.262	3.112	11.9	20.9
8 29	19 41.12	−39 59.7	2.340	3.103	14.1	21.0

314055 2005 AK_{36} 7 23.6 164°.60 2°.0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.10	−13 1.3	1.788	2.646	14.4	21.5
6 30	20 34.08	−13 18.2	1.719	2.651	10.9	21.3
7 10	20 25.92	−13 46.6	1.671	2.656	6.9	21.0
7 20	20 16.31	−14 23.7	1.649	2.660	2.9	20.8
7 30	20 6.26	−15 5.9	1.654	2.663	3.1	20.8
8 9	19 56.88	−15 49.0	1.687	2.666	7.1	21.1
8 19	19 49.12	−16 29.5	1.745	2.668	11.0	21.3
8 29	19 43.72	−17 4.9	1.825	2.669	14.4	21.6

220283 2003 BL_{64} 7 23.6 237°.37 0°.2/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.15	−18 0.9	1.863	2.731	13.4	21.1
6 30	20 33.51	−18 18.5	1.779	2.720	10.0	20.9
7 10	20 25.67	−18 43.2	1.718	2.709	6.0	20.6
7 20	20 16.27	−19 12.0	1.683	2.697	1.7	20.3
7 30	20 6.28	−19 41.0	1.675	2.684	2.8	20.4
8 9	19 56.82	−20 6.9	1.694	2.672	7.2	20.6
8 19	19 48.89	−20 27.4	1.738	2.658	11.2	20.8
8 29	19 43.30	−20 41.3	1.804	2.644	14.7	21.0

95523 2002 EK_{70} 7 23.6 134°.71 1°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.52	−14 30.0	2.476	3.331	11.0	20.6
6 30	20 29.48	−14 45.3	2.405	3.337	8.2	20.4
7 10	20 22.96	−15 7.8	2.358	3.343	5.1	20.2
7 20	20 15.48	−15 35.7	2.337	3.349	2.0	20.0
7 30	20 7.73	−16 6.3	2.346	3.355	2.3	20.0
8 9	20 0.43	−16 37.2	2.382	3.360	5.4	20.3
8 19	19 54.25	−17 6.0	2.445	3.366	8.4	20.5
8 29	19 49.70	−17 31.2	2.533	3.371	11.1	20.6

127256 2002 JB_{43} 7 23.6 96°.29 4°.5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.86	− 5 31.2	2.390	3.214	12.3	19.4
6 30	20 29.69	− 5 7.0	2.323	3.225	9.8	19.2
7 10	20 23.06	− 4 54.6	2.278	3.236	7.2	19.1
7 20	20 15.50	− 4 54.3	2.259	3.247	5.0	19.0
7 30	20 7.71	− 5 5.2	2.268	3.258	4.7	18.9
8 9	20 0.41	− 5 25.1	2.303	3.269	6.5	19.1
8 19	19 54.24	− 5 51.5	2.365	3.279	8.9	19.3
8 29	19 49.72	− 6 21.4	2.450	3.289	11.4	19.4

343400 2010 CN_{170} 7 23.6 153°.57 0°.5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.61	−17 17.9	1.987	2.854	12.8	21.7
6 30	20 32.09	−17 34.5	1.917	2.858	9.5	21.5
7 10	20 24.66	−17 58.0	1.871	2.861	5.7	21.3
7 20	20 15.97	−18 25.4	1.850	2.864	1.7	21.0
7 30	20 6.90	−18 53.5	1.857	2.867	2.6	21.1
8 9	19 58.44	−19 19.3	1.892	2.870	6.5	21.4
8 19	19 51.44	−19 40.6	1.952	2.872	10.2	21.6
8 29	19 46.55	−19 56.2	2.034	2.875	13.3	21.8

373621 2002 GQ_6 7 23.6 162°.26 10°.3/15.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 55.79	−56 8.2	2.729	3.509	12.1	22.2
6 30	20 46.11	−57 32.9	2.691	3.517	11.0	22.2
7 10	20 33.29	−58 39.6	2.675	3.525	10.4	22.1
7 20	20 18.34	−59 21.3	2.683	3.532	10.4	22.1
7 30	20 2.81	−59 33.6	2.713	3.538	11.0	22.2
8 9	19 48.46	−59 16.7	2.766	3.543	11.9	22.3
8 19	19 36.68	−58 34.5	2.839	3.547	13.1	22.4
8 29	19 28.35	−57 32.7	2.929	3.551	14.2	22.5

477815 2011 ED_9 7 23.6 59°.99 1°.6/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.13	−22 55.4	1.504	2.390	15.1	21.3
6 30	20 34.35	−23 12.9	1.452	2.403	11.1	21.1
7 10	20 26.12	−23 33.1	1.422	2.416	6.6	20.9
7 20	20 16.36	−23 51.4	1.416	2.429	2.2	20.6
7 30	20 6.30	−24 3.7	1.435	2.443	3.8	20.8
8 9	19 57.27	−24 7.6	1.480	2.457	8.2	21.1
8 19	19 50.28	−24 2.5	1.549	2.471	12.3	21.3
8 29	19 46.05	−23 49.3	1.639	2.485	15.7	21.6

328970 2010 VU_{173} 7 23.6 189°.79 2°.1/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.98	−13 36.6	1.883	2.739	13.8	21.6
6 30	20 33.95	−13 37.2	1.807	2.739	10.5	21.3
7 10	20 25.84	−13 47.4	1.753	2.737	6.7	21.1
7 20	20 16.31	−14 5.2	1.725	2.735	2.9	20.9
7 30	20 6.31	−14 28.1	1.725	2.733	3.2	20.9
8 9	19 56.92	−14 53.1	1.752	2.730	7.0	21.1
8 19	19 49.07	−15 17.4	1.804	2.726	10.8	21.3
8 29	19 43.47	−15 39.0	1.879	2.722	14.1	21.5

18921 2000 PT_7 7 23.6 266°.27 0°.2/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 34.27	−16 15.7	2.206	3.071	11.8	17.9
6 30	20 29.63	−16 59.6	2.123	3.063	8.7	17.7
7 10	20 23.23	−17 52.3	2.064	3.054	5.3	17.4
7 20	20 15.61	−18 50.6	2.031	3.045	1.5	17.2
7 30	20 7.52	−19 50.2	2.026	3.036	2.4	17.2
8 9	19 59.83	−20 46.9	2.050	3.027	6.2	17.4
8 19	19 53.32	−21 37.7	2.099	3.018	9.7	17.6
8 29	19 48.67	−22 20.2	2.172	3.009	12.7	17.8

41735 2000 UY_{100} 7 23.6 227°.56 0°.8/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.18	−21 17.6	1.990	2.861	12.6	19.0
6 30	20 33.39	−21 33.7	1.910	2.853	9.3	18.8
7 10	20 25.52	−21 53.5	1.854	2.846	5.6	18.6
7 20	20 16.24	−22 13.6	1.824	2.838	1.6	18.3
7 30	20 6.47	−22 30.6	1.821	2.830	3.0	18.4
8 9	19 57.27	−22 41.9	1.846	2.821	7.0	18.6
8 19	19 49.57	−22 46.4	1.897	2.812	10.7	18.8
8 29	19 44.11	−22 43.8	1.970	2.803	13.9	19.0

10954 Spiegel 7 23.6 11°.86 0°.8/24.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.35	−16 36.2	1.982	2.852	12.7	18.3
6 30	20 30.46	−16 50.0	1.911	2.852	9.5	18.1
7 10	20 23.72	−17 11.1	1.862	2.852	5.8	17.9
7 20	20 15.73	−17 37.1	1.840	2.853	1.8	17.6
7 30	20 7.37	−18 4.8	1.844	2.854	2.6	17.7
8 9	19 59.58	−18 31.3	1.875	2.855	6.5	17.9
8 19	19 53.18	−18 54.1	1.932	2.856	10.1	18.2
8 29	19 48.82	−19 11.9	2.011	2.857	13.2	18.4

335084 2004 SC_{37} 7 23.7 287°.07 3°.1/25.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.54	−11 35.4	1.675	2.538	15.0	21.2
6 30	20 31.70	−11 28.4	1.595	2.528	11.5	20.9
7 10	20 24.65	−11 33.8	1.537	2.519	7.6	20.7
7 20	20 16.03	−11 50.4	1.503	2.510	4.0	20.4
7 30	20 6.84	−12 16.0	1.494	2.501	3.9	20.4
8 9	19 58.21	−12 47.0	1.512	2.492	7.7	20.6
8 19	19 51.16	−13 19.9	1.554	2.483	11.7	20.8
8 29	19 46.50	−13 51.4	1.617	2.474	15.3	21.1

385798 2006 BF_{281} 7 23.7 259°.37 3°.5/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.66	−28 16.5	1.890	2.765	13.0	21.8
6 30	20 35.48	−28 40.7	1.807	2.750	9.7	21.5
7 10	20 26.91	−29 3.2	1.747	2.735	6.2	21.3
7 20	20 16.65	−29 19.1	1.712	2.719	3.6	21.1
7 30	20 5.78	−29 24.1	1.705	2.704	4.9	21.1
8 9	19 55.56	−29 16.0	1.724	2.687	8.4	21.3
8 19	19 47.06	−28 55.1	1.768	2.671	12.1	21.5
8 29	19 41.14	−28 23.3	1.834	2.654	15.3	21.7

95863 2003 GE_{21} 7 23.7 34°.17 7°.2/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 33.58	− 0 57.0	1.388	2.229	18.6	19.6
6 30	20 29.64	− 1 3.3	1.331	2.239	15.2	19.4
7 10	20 23.42	− 1 36.1	1.292	2.249	11.5	19.2
7 20	20 15.68	− 2 34.9	1.274	2.260	8.2	19.1
7 30	20 7.52	− 3 55.9	1.280	2.272	7.2	19.0
8 9	20 0.15	− 5 31.6	1.310	2.284	9.3	19.2
8 19	19 54.56	− 7 13.4	1.363	2.297	12.7	19.4
8 29	19 51.50	− 8 53.2	1.438	2.310	16.1	19.7

103860 2000 DN_{40} 7 23.7 213°.95 2°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.30	− 9 11.9	2.246	3.087	12.4	20.3
6 30	20 30.28	− 9 27.4	2.162	3.082	9.6	20.2
7 10	20 23.57	− 9 55.1	2.102	3.077	6.5	19.9
7 20	20 15.71	−10 33.5	2.067	3.071	3.6	19.8
7 30	20 7.43	−11 20.0	2.060	3.064	3.4	19.7
8 9	19 59.55	−12 11.2	2.081	3.058	6.2	19.9
8 19	19 52.84	−13 3.3	2.129	3.051	9.4	20.1
8 29	19 47.91	−13 53.3	2.200	3.043	12.3	20.3

396649 2002 CU_{186} 7 23.7 31°.23 2°.9/22.6 18

6 20	20 39.97	−28 5.9	1.770	2.651	13.4	19.9
6 30	20 33.96	−28 5.6	1.714	2.661	9.9	19.7
7 10	20 25.78	−28 2.2	1.682	2.672	6.2	19.5
7 20	20 16.28	−27 52.1	1.674	2.684	3.1	19.4
7 30	20 6.57	−27 32.7	1.693	2.696	4.3	19.5
8 9	19 57.83	−27 3.6	1.739	2.708	7.8	19.7
8 19	19 50.95	−26 26.0	1.809	2.721	11.3	20.0
8 29	19 46.56	−25 42.2	1.901	2.735	14.3	20.2

444352 2005 WN_{158} 7 23.7 266°.63 0°.2/23.5 17

6 20	20 36.45	−19 38.3	2.657	3.518	10.2	21.8
6 30	20 31.05	−19 52.7	2.554	3.492	7.5	21.6
7 10	20 24.03	−20 10.9	2.476	3.466	4.5	21.4
7 20	20 15.86	−20 30.8	2.425	3.439	1.2	21.1
7 30	20 7.19	−20 49.9	2.403	3.412	2.2	21.1
8 9	19 58.80	−21 6.0	2.410	3.384	5.6	21.3
8 19	19 51.42	−21 17.7	2.444	3.356	8.8	21.5
8 29	19 45.67	−21 24.2	2.502	3.328	11.6	21.6

113338 2002 RD_{215} 7 23.7 260°.34 0°.2/23.7 18

6 20	20 35.71	−17 8.6	1.979	2.849	12.7	19.9
6 30	20 30.86	−17 42.9	1.899	2.842	9.4	19.7
7 10	20 24.05	−18 25.5	1.843	2.834	5.7	19.4
7 20	20 15.87	−19 13.2	1.812	2.826	1.6	19.2
7 30	20 7.19	−20 1.7	1.809	2.819	2.6	19.2
8 9	19 58.99	−20 46.9	1.833	2.811	6.7	19.5
8 19	19 52.17	−21 25.8	1.882	2.803	10.5	19.7
8 29	19 47.44	−21 56.6	1.954	2.795	13.7	19.9

330906 2009 SX_{73} 7 23.7 353°.63 1°.7/24.5 17

6 20	20 33.28	−13 51.4	1.211	2.104	17.5	20.5
6 30	20 29.92	−14 16.5	1.147	2.099	13.2	20.2
7 10	20 23.86	−14 57.9	1.102	2.095	8.3	19.9
7 20	20 15.87	−15 52.0	1.079	2.092	3.1	19.6
7 30	20 7.23	−16 53.0	1.079	2.090	3.6	19.6
8 9	19 59.39	−17 53.8	1.103	2.089	8.8	19.9
8 19	19 53.62	−18 48.7	1.148	2.089	13.8	20.2
8 29	19 50.84	−19 33.8	1.212	2.090	18.0	20.5

343384 2010 CH_{141} 7 23.7 1°.04 1°.6/22.9 16

6 20	20 37.25	−22 20.9	1.519	2.408	14.8	20.5
6 30	20 32.42	−22 44.1	1.455	2.407	10.9	20.3
7 10	20 25.13	−23 11.4	1.412	2.407	6.5	20.1
7 20	20 16.18	−23 38.3	1.393	2.407	2.2	19.8
7 30	20 6.74	−24 0.1	1.399	2.407	3.8	19.9
8 9	19 58.12	−24 13.5	1.431	2.408	8.3	20.2
8 19	19 51.42	−24 17.2	1.485	2.409	12.5	20.4
8 29	19 47.41	−24 11.4	1.560	2.411	16.1	20.6

165989 2001 YE_{139} 7 23.7 176°.18 1°.0/24.2 18

6 20	20 39.46	−14 50.8	1.553	2.424	15.5	20.4
6 30	20 33.99	−15 25.5	1.484	2.425	11.6	20.2
7 10	20 26.07	−16 12.8	1.436	2.426	7.1	19.9
7 20	20 16.45	−17 8.4	1.414	2.427	2.3	19.6
7 30	20 6.26	−18 7.1	1.417	2.427	3.1	19.7
8 9	19 56.79	−19 3.1	1.447	2.427	7.9	20.0
8 19	19 49.15	−19 52.4	1.501	2.427	12.3	20.2
8 29	19 44.17	−20 32.3	1.576	2.426	16.0	20.5

418101 2007 WG_{63} 7 23.7 225°.44 0°.6/23.4 17

6 20	20 42.06	−20 35.7	1.660	2.534	14.5	21.6
6 30	20 35.89	−20 45.1	1.582	2.526	10.8	21.4
7 10	20 27.20	−20 59.1	1.526	2.518	6.5	21.1
7 20	20 16.77	−21 14.1	1.495	2.510	1.8	20.8
7 30	20 5.72	−21 26.4	1.492	2.501	3.3	20.9
8 9	19 55.37	−21 33.1	1.514	2.492	8.0	21.1
8 19	19 46.87	−21 32.9	1.562	2.482	12.3	21.4
8 29	19 41.07	−21 26.1	1.630	2.471	16.0	21.6

180378 2003 YE_{134} 7 23.7 96°.87 3°.4/22.2 17

6 20	20 42.88	−26 32.6	1.570	2.452	14.8	20.4
6 30	20 36.38	−27 12.1	1.520	2.468	10.9	20.2
7 10	20 27.36	−27 51.1	1.493	2.484	6.8	20.0
7 20	20 16.75	−28 23.5	1.490	2.499	3.6	19.8
7 30	20 5.85	−28 44.2	1.513	2.514	5.0	19.9
8 9	19 56.02	−28 50.9	1.562	2.529	8.9	20.2
8 19	19 48.32	−28 43.9	1.635	2.543	12.6	20.4
8 29	19 43.47	−28 25.4	1.729	2.557	15.8	20.7

250753 2005 SW_{210} 7 23.7 319°.41 6°.7/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.27	−35 39.4	1.843	2.723	13.1	20.3
6 30	20 33.23	−36 40.3	1.771	2.709	10.3	20.1
7 10	20 25.68	−37 35.3	1.722	2.695	7.8	19.9
7 20	20 16.36	−38 17.3	1.697	2.682	6.7	19.8
7 30	20 6.41	−38 40.4	1.698	2.669	7.9	19.8
8 9	19 57.16	−38 41.9	1.723	2.657	10.5	20.0
8 19	19 49.77	−38 22.7	1.770	2.645	13.5	20.1
8 29	19 45.09	−37 45.8	1.837	2.634	16.2	20.3

209227 2003 WV_{78} 7 23.7 310°.44 0°.3/23.5 18

6 20	20 37.61	−20 9.4	1.738	2.616	13.8	20.3
6 30	20 32.46	−20 15.1	1.662	2.609	10.2	20.0
7 10	20 25.08	−20 25.5	1.609	2.602	6.1	19.8
7 20	20 16.17	−20 37.7	1.580	2.595	1.7	19.5
7 30	20 6.76	−20 48.4	1.578	2.588	3.0	19.6
8 9	19 58.00	−20 55.0	1.603	2.582	7.4	19.8
8 19	19 50.90	−20 56.1	1.651	2.575	11.5	20.0
8 29	19 46.22	−20 51.4	1.721	2.569	15.0	20.3

45168 1999 XG_{130} 7 23.7 314°.41 2°.0/23.0 18

6 20	20 39.55	−23 55.3	1.300	2.195	16.4	19.3
6 30	20 34.68	−24 2.2	1.225	2.180	12.2	19.0
7 10	20 26.79	−24 11.3	1.170	2.166	7.4	18.7
7 20	20 16.70	−24 17.7	1.138	2.152	2.7	18.3
7 30	20 5.82	−24 16.8	1.130	2.138	4.4	18.4
8 9	19 55.78	−24 5.8	1.146	2.125	9.7	18.7
8 19	19 48.01	−23 44.5	1.184	2.113	14.6	18.9
8 29	19 43.52	−23 14.5	1.241	2.101	18.8	19.1

296409 2009 GC_{5} 7 23.7 348°.25 0°.2/23.7 18

6 20	20 34.89	−17 41.5	1.876	2.751	13.1	21.0
6 30	20 30.28	−18 6.9	1.804	2.749	9.7	20.8
7 10	20 23.70	−18 39.9	1.755	2.747	5.8	20.6
7 20	20 15.79	−19 17.2	1.731	2.746	1.6	20.3
7 30	20 7.44	−19 55.0	1.734	2.744	2.7	20.4
8 9	19 59.67	−20 29.5	1.764	2.743	6.8	20.6
8 19	19 53.35	−20 58.2	1.818	2.742	10.6	20.9
8 29	19 49.18	−21 19.6	1.894	2.742	13.9	21.1

35274 Kenziarino 7 23.7 60°.70 4°.0/22.3 18

6 20	20 42.82	−27 9.2	1.252	2.147	16.9	17.7
6 30	20 36.82	−27 43.6	1.206	2.160	12.5	17.5
7 10	20 27.81	−28 16.6	1.181	2.174	7.8	17.3
7 20	20 16.90	−28 41.4	1.178	2.188	4.2	17.1
7 30	20 5.67	−28 52.3	1.200	2.202	5.8	17.3
8 9	19 55.77	−28 47.1	1.246	2.216	10.1	17.6
8 19	19 48.45	−28 27.0	1.313	2.231	14.3	17.8
8 29	19 44.46	−27 55.3	1.400	2.245	17.9	18.1

352467 2008 AC_{115} 7 23.7 107°.24 2°.2/25.2 18

6 20	20 34.19	−10 40.2	2.169	3.019	12.5	21.1
6 30	20 29.46	−11 8.7	2.097	3.024	9.5	20.9
7 10	20 23.08	−11 49.0	2.048	3.029	6.2	20.7
7 20	20 15.60	−12 38.9	2.026	3.033	3.0	20.5
7 30	20 7.78	−13 34.9	2.031	3.038	2.9	20.6
8 9	20 0.44	−14 33.1	2.063	3.043	6.0	20.8
8 19	19 54.31	−15 29.7	2.123	3.047	9.3	21.0
8 29	19 49.99	−16 21.6	2.206	3.052	12.2	21.2

145786 1998 OT_{11} 7 23.7 306°.82 1°.5/24.2 18

6 20	20 36.24	−15 40.1	1.348	2.234	16.5	19.8
6 30	20 32.24	−15 45.3	1.258	2.207	12.6	19.5
7 10	20 25.41	−16 2.7	1.187	2.180	7.9	19.1
7 20	20 16.38	−16 29.9	1.139	2.153	2.8	18.7
7 30	20 6.30	−17 3.0	1.116	2.126	3.6	18.7
8 9	19 56.68	−17 37.2	1.116	2.100	9.1	19.0
8 19	19 48.93	−18 8.3	1.138	2.074	14.3	19.2
8 29	19 44.21	−18 33.3	1.179	2.049	19.0	19.4

14616 Van Gaal 7 23.7 317°.53 9°.7/27.6 18

6 20	20 33.99	+ 0 10.5	1.379	2.216	19.0	17.6
6 30	20 30.25	+ 1 3.5	1.300	2.200	16.1	17.4
7 10	20 24.03	+ 1 33.4	1.239	2.185	12.9	17.1
7 20	20 15.96	+ 1 36.1	1.198	2.171	10.4	16.9
7 30	20 7.11	+ 1 10.4	1.179	2.157	9.7	16.9
8 9	19 58.79	+ 0 19.2	1.182	2.144	11.5	16.9
8 19	19 52.20	− 0 51.2	1.206	2.131	14.7	17.1
8 29	19 48.31	− 2 12.6	1.250	2.119	18.2	17.3

187617 2007 AE_{18} 7 23.7 108°.74 3°.0/21.5 18

6 20	20 36.39	−26 53.2	2.340	3.214	10.8	20.4
6 30	20 31.09	−27 50.5	2.279	3.223	8.0	20.2
7 10	20 24.05	−28 47.9	2.243	3.231	5.1	20.0
7 20	20 15.87	−29 40.7	2.234	3.240	3.1	19.9
7 30	20 7.36	−30 24.8	2.253	3.249	4.3	20.0
8 9	19 59.40	−30 57.4	2.300	3.257	7.0	20.2
8 19	19 52.76	−31 17.4	2.372	3.265	9.8	20.4
8 29	19 48.03	−31 25.4	2.467	3.273	12.3	20.6

150643 2001 CB_{39} 7 23.7 129°.87 3°.8/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.02	−30 44.6	2.717	3.584	9.7	20.8
6 30	20 31.38	−31 45.8	2.659	3.596	7.3	20.6
7 10	20 24.16	−32 44.5	2.626	3.607	5.0	20.5
7 20	20 15.89	−33 36.4	2.622	3.617	3.8	20.4
7 30	20 7.33	−34 17.7	2.645	3.628	4.7	20.5
8 9	19 59.26	−34 46.1	2.697	3.638	6.9	20.7
8 19	19 52.38	−35 1.4	2.774	3.648	9.2	20.8
8 29	19 47.27	−35 4.5	2.875	3.657	11.3	21.0

269421 2009 SB_{119} 7 23.7 36°.10 2°.2/22.8 17

6 20	20 40.01	−23 54.3	1.453	2.341	15.4	20.7
6 30	20 34.52	−24 15.2	1.393	2.345	11.3	20.5
7 10	20 26.40	−24 38.3	1.354	2.348	6.8	20.2
7 20	20 16.55	−24 58.7	1.339	2.352	2.6	20.0
7 30	20 6.24	−25 11.7	1.350	2.356	4.2	20.1
8 9	19 56.90	−25 14.4	1.385	2.361	8.8	20.4
8 19	19 49.67	−25 6.5	1.444	2.365	13.0	20.6
8 29	19 45.34	−24 49.3	1.523	2.370	16.6	20.9

331624 2002 CR_{232} 7 23.7 4°.43 4°.1/22.3 18

6 20	20 41.35	−29 14.0	1.499	2.387	15.0	19.7
6 30	20 35.53	−29 28.4	1.437	2.387	11.3	19.5
7 10	20 27.01	−29 39.1	1.397	2.387	7.2	19.2
7 20	20 16.71	−29 40.6	1.380	2.387	4.2	19.1
7 30	20 5.98	−29 28.8	1.389	2.388	5.5	19.2
8 9	19 56.30	−29 2.6	1.422	2.390	9.4	19.4
8 19	19 48.81	−28 23.7	1.479	2.392	13.3	19.6
8 29	19 44.32	−27 35.2	1.555	2.394	16.8	19.8

117362 2004 XW_{103} 7 23.7 117°.15 3°.5/21.5 18

6 20	20 38.72	−26 57.0	1.981	2.858	12.4	19.9
6 30	20 33.07	−27 57.5	1.922	2.867	9.1	19.7
7 10	20 25.34	−28 58.3	1.887	2.876	5.8	19.5
7 20	20 16.25	−29 53.6	1.879	2.885	3.5	19.4
7 30	20 6.76	−30 38.3	1.898	2.893	4.9	19.5
8 9	19 57.96	−31 9.2	1.943	2.901	8.0	19.7
8 19	19 50.77	−31 25.5	2.013	2.909	11.2	19.9
8 29	19 45.87	−31 28.3	2.105	2.917	13.9	20.1

471714 2012 TN_{306} 7 23.7 309°.29 4°.2/26.1 18

6 20	20 33.34	− 6 54.3	1.525	2.384	16.4	21.1
6 30	20 29.81	− 7 24.8	1.426	2.354	13.0	20.8
7 10	20 23.84	− 8 18.2	1.346	2.324	9.1	20.5
7 20	20 15.95	− 9 34.0	1.290	2.294	5.2	20.2
7 30	20 7.08	−11 8.2	1.258	2.264	4.7	20.1
8 9	19 58.47	−12 53.4	1.252	2.235	8.5	20.2
8 19	19 51.35	−14 41.5	1.269	2.206	13.2	20.4
8 29	19 46.80	−16 24.4	1.308	2.177	17.5	20.6

260489 2005 CT_{62} 7 23.7 159°.27 2°.4/22.6 17

6 20	20 42.36	−24 7.5	1.643	2.521	14.4	21.2
6 30	20 36.06	−24 43.3	1.579	2.526	10.6	21.0
7 10	20 27.26	−25 21.4	1.538	2.530	6.4	20.7
7 20	20 16.79	−25 56.4	1.522	2.534	2.7	20.5
7 30	20 5.85	−26 23.2	1.533	2.537	4.3	20.6
8 9	19 55.76	−26 38.4	1.570	2.540	8.4	20.9
8 19	19 47.64	−26 41.5	1.631	2.542	12.4	21.1
8 29	19 42.28	−26 33.7	1.713	2.544	15.8	21.4

398210 2010 NQ_{87} 7 23.7 346°.95 8°.1/28.9 16

6 20	20 32.41	+ 3 42.3	2.026	2.819	15.3	21.0
6 30	20 28.29	+ 4 9.5	1.950	2.817	13.0	20.9
7 10	20 22.46	+ 4 16.2	1.893	2.814	10.7	20.7
7 20	20 15.47	+ 4 0.7	1.858	2.812	8.8	20.6
7 30	20 8.07	+ 3 23.4	1.848	2.810	8.1	20.5
8 9	20 1.12	+ 2 27.2	1.862	2.808	9.1	20.6
8 19	19 55.39	+ 1 17.0	1.900	2.807	11.2	20.7
8 29	19 51.50	− 0 1.2	1.961	2.806	13.6	20.9

252093 2000 UN_{36} 7 23.7 340°.79 0°.2/23.6 18

6 20	20 28.78	−18 47.6	0.877	1.801	19.4	19.4
6 30	20 27.52	−18 59.3	0.810	1.780	14.6	19.0
7 10	20 22.92	−19 23.9	0.761	1.761	8.9	18.6
7 20	20 15.74	−19 57.1	0.729	1.745	2.4	18.2
7 30	20 7.52	−20 32.6	0.718	1.730	4.3	18.3
8 9	20 0.18	−21 3.3	0.726	1.717	10.9	18.6
8 19	19 55.44	−21 24.4	0.752	1.707	17.0	18.8
8 29	19 54.52	−21 33.2	0.793	1.699	22.2	19.1

379771 2011 HE_{28} 7 23.7 52°.86 1°.9/24.5 17

6 20	20 37.73	−14 34.3	1.491	2.366	15.8	20.4
6 30	20 32.53	−14 37.7	1.439	2.382	11.8	20.2
7 10	20 25.06	−14 52.1	1.409	2.397	7.4	20.0
7 20	20 16.16	−15 14.7	1.402	2.414	2.9	19.7
7 30	20 6.97	−15 41.9	1.420	2.430	3.3	19.8
8 9	19 58.70	−16 9.9	1.464	2.446	7.6	20.1
8 19	19 52.30	−16 35.5	1.532	2.463	11.7	20.4
8 29	19 48.47	−16 56.5	1.621	2.480	15.2	20.7

103427 2000 AJ_{158} 7 23.7 180°.11 1°.4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.83	−22 12.5	2.279	3.147	11.3	20.7
6 30	20 32.17	−22 49.2	2.206	3.148	8.3	20.5
7 10	20 24.72	−23 29.1	2.158	3.149	4.9	20.3
7 20	20 16.08	−24 8.4	2.136	3.149	1.7	20.1
7 30	20 7.05	−24 43.5	2.143	3.149	3.0	20.2
8 9	19 58.54	−25 11.4	2.178	3.148	6.4	20.4
8 19	19 51.34	−25 30.7	2.239	3.147	9.7	20.6
8 29	19 46.08	−25 41.2	2.324	3.146	12.5	20.8

348097 2003 XH_{19} 7 23.7 223°.29 0°.9/23.3 18

6 20	20 40.13	−22 37.9	2.302	3.166	11.4	21.4
6 30	20 33.85	−22 39.1	2.218	3.158	8.4	21.2
7 10	20 25.72	−22 41.5	2.158	3.149	5.0	21.0
7 20	20 16.36	−22 42.6	2.126	3.140	1.5	20.7
7 30	20 6.60	−22 40.0	2.123	3.131	2.7	20.8
8 9	19 57.37	−22 32.3	2.148	3.121	6.3	21.0
8 19	19 49.48	−22 19.1	2.199	3.111	9.7	21.2
8 29	19 43.60	−22 0.8	2.274	3.100	12.6	21.4

100713 1998 BG_{20} 7 23.7 153°.59 0°.2/23.8 18

6 20	20 36.85	−18 35.5	2.183	3.049	11.8	20.2
6 30	20 31.43	−18 44.3	2.111	3.051	8.7	20.0
7 10	20 24.27	−18 58.0	2.062	3.053	5.2	19.8
7 20	20 15.96	−19 14.2	2.041	3.055	1.5	19.6
7 30	20 7.32	−19 30.2	2.047	3.057	2.4	19.6
8 9	19 59.23	−19 43.8	2.081	3.058	6.1	19.9
8 19	19 52.47	−19 53.5	2.141	3.060	9.5	20.1
8 29	19 47.64	−19 58.5	2.224	3.062	12.4	20.3

202243 2005 AN_{13} 7 23.7 290°.99 0°.9/23.3 18

6 20	20 38.48	−20 51.3	1.742	2.620	13.8	20.7
6 30	20 33.40	−21 9.2	1.646	2.593	10.3	20.4
7 10	20 25.87	−21 32.5	1.572	2.565	6.2	20.1
7 20	20 16.49	−21 57.8	1.522	2.537	1.8	19.8
7 30	20 6.27	−22 20.7	1.500	2.509	3.3	19.8
8 9	19 56.46	−22 37.7	1.503	2.480	8.0	20.0
8 19	19 48.23	−22 46.7	1.531	2.452	12.4	20.2
8 29	19 42.53	−22 47.3	1.579	2.423	16.3	20.4

426359 2013 NS_{7} 7 23.7 352°.08 2°.1/24.2 17

6 20	20 38.04	−17 7.3	1.134	2.029	18.2	20.2
6 30	20 33.58	−16 34.4	1.071	2.025	13.7	19.9
7 10	20 26.10	−16 9.6	1.027	2.021	8.6	19.6
7 20	20 16.53	−15 51.9	1.005	2.017	3.3	19.3
7 30	20 6.33	−15 39.4	1.005	2.015	4.0	19.3
8 9	19 57.15	−15 29.8	1.028	2.014	9.4	19.6
8 19	19 50.35	−15 21.6	1.073	2.014	14.6	19.9
8 29	19 46.84	−15 13.1	1.136	2.014	18.9	20.2

503969 2004 RE_{159} 7 23.7 342°.65 1°.1/23.4 17

6 20	20 34.09	−22 54.4	0.872	1.794	19.7	20.4
6 30	20 31.52	−22 34.6	0.809	1.778	14.8	20.0
7 10	20 25.30	−22 17.0	0.764	1.764	8.9	19.7
7 20	20 16.39	−21 57.8	0.737	1.752	2.6	19.2
7 30	20 6.53	−21 33.4	0.730	1.741	4.6	19.3
8 9	19 57.81	−21 1.9	0.742	1.732	11.1	19.6
8 19	19 51.96	−20 23.9	0.773	1.725	17.1	19.9
8 29	19 50.10	−19 40.9	0.820	1.721	22.2	20.2

216483 1999 VQ_{46} 7 23.7 172°.55 17°.1/29.4 18

6 20	20 42.58	+11 52.6	1.282	2.051	23.7	20.3
6 30	20 36.72	+14 9.3	1.224	2.053	21.4	20.1
7 10	20 27.94	+15 54.6	1.182	2.054	19.3	20.0
7 20	20 17.06	+16 59.3	1.157	2.056	17.7	19.9
7 30	20 5.39	+17 17.4	1.151	2.056	17.2	19.9
8 9	19 54.50	+16 49.8	1.163	2.056	17.8	19.9
8 19	19 45.77	+15 43.5	1.194	2.056	19.5	20.0
8 29	19 40.20	+14 9.6	1.241	2.056	21.5	20.2

509712 2008 SM_{96} 7 23.7 281°.87 0°.4/23.5 18

6 20	20 38.03	−19 48.4	1.752	2.629	13.7	22.1
6 30	20 32.91	−20 3.8	1.666	2.612	10.2	21.9
7 10	20 25.47	−20 25.1	1.603	2.595	6.2	21.6
7 20	20 16.36	−20 49.0	1.564	2.579	1.7	21.2
7 30	20 6.59	−21 11.7	1.552	2.562	3.1	21.3
8 9	19 57.34	−21 29.7	1.566	2.545	7.6	21.5
8 19	19 49.69	−21 41.1	1.605	2.528	11.9	21.8
8 29	19 44.50	−21 45.1	1.665	2.511	15.5	22.0

430708 2004 DB_{56} 7 23.7 238°.15 0°.7/24.0 17

6 20	20 39.98	−16 58.0	1.789	2.656	14.0	22.4
6 30	20 34.25	−17 9.0	1.704	2.644	10.5	22.1
7 10	20 26.22	−17 28.0	1.642	2.632	6.4	21.9
7 20	20 16.56	−17 52.0	1.606	2.619	2.0	21.6
7 30	20 6.26	−18 17.8	1.596	2.606	2.9	21.6
8 9	19 56.50	−18 41.8	1.613	2.592	7.4	21.8
8 19	19 48.33	−19 1.7	1.655	2.578	11.6	22.1
8 29	19 42.59	−19 16.0	1.720	2.563	15.2	22.3

385595 2005 BR_{26} 7 23.7 185°.24 1°.2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.82	−22 39.4	2.699	3.559	10.0	22.5
6 30	20 32.65	−23 6.0	2.621	3.559	7.4	22.3
7 10	20 24.91	−23 34.4	2.568	3.558	4.4	22.1
7 20	20 16.14	−24 1.8	2.544	3.557	1.5	21.9
7 30	20 7.04	−24 25.3	2.549	3.555	2.6	22.0
8 9	19 58.39	−24 42.8	2.583	3.552	5.7	22.2
8 19	19 50.87	−24 53.3	2.645	3.548	8.5	22.3
8 29	19 45.04	−24 56.7	2.731	3.544	11.0	22.5

374318 2005 SG_{286} 7 23.7 351°.32 0°.7/23.2 18

6 20	20 32.10	−21 13.1	2.657	3.528	9.8	21.1
6 30	20 27.76	−21 32.7	2.582	3.525	7.2	20.9
7 10	20 22.01	−21 55.2	2.531	3.523	4.3	20.7
7 20	20 15.35	−22 18.2	2.506	3.521	1.2	20.5
7 30	20 8.40	−22 39.3	2.510	3.519	2.3	20.6
8 9	20 1.86	−22 56.5	2.542	3.517	5.4	20.8
8 19	19 56.34	−23 8.3	2.601	3.516	8.2	21.0
8 29	19 52.35	−23 14.3	2.683	3.515	10.7	21.1

481007 2004 RS_{86} 7 23.7 302°.69 4°.3/26.6 18

6 20	20 32.67	− 5 23.0	2.175	3.009	13.1	21.2
6 30	20 28.43	− 5 29.6	2.091	3.000	10.4	21.1
7 10	20 22.55	− 5 51.0	2.028	2.992	7.5	20.9
7 20	20 15.52	− 6 26.8	1.990	2.984	5.0	20.7
7 30	20 8.08	− 7 14.9	1.979	2.976	4.5	20.6
8 9	20 1.02	− 8 11.7	1.994	2.968	6.7	20.8
8 19	19 55.09	− 9 13.1	2.036	2.960	9.6	20.9
8 29	19 50.91	−10 14.9	2.101	2.953	12.5	21.1

514505 2016 WM_{25} 7 23.7 358°.74 2°.2/22.5 18

6 20	20 35.99	−24 45.4	1.976	2.856	12.3	21.0
6 30	20 31.06	−25 14.6	1.907	2.855	9.0	20.8
7 10	20 24.17	−25 45.2	1.862	2.855	5.5	20.6
7 20	20 15.96	−26 13.1	1.843	2.854	2.4	20.4
7 30	20 7.37	−26 34.5	1.850	2.854	3.8	20.5
8 9	19 59.40	−26 46.9	1.884	2.855	7.3	20.7
8 19	19 52.94	−26 49.3	1.943	2.855	10.7	20.9
8 29	19 48.64	−26 42.2	2.024	2.856	13.7	21.1

445254 2009 QU_{61} 7 23.7 322°.65 5°.8/26.2 17

6 20	20 33.23	− 5 20.1	1.920	2.760	14.3	20.5
6 30	20 29.09	− 4 42.5	1.830	2.740	11.6	20.3
7 10	20 23.07	− 4 18.6	1.761	2.722	8.7	20.1
7 20	20 15.70	− 4 9.6	1.715	2.703	6.3	19.9
7 30	20 7.77	− 4 15.7	1.695	2.686	6.0	19.9
8 9	20 0.24	− 4 35.1	1.700	2.668	8.1	20.0
8 19	19 53.96	− 5 4.5	1.730	2.652	11.2	20.1
8 29	19 49.68	− 5 40.2	1.781	2.636	14.3	20.3

2219 Mannucci 7 23.7 304°.99 2°.9/21.8 18

6 20	20 35.23	−25 53.9	2.132	3.011	11.5	15.7
6 30	20 30.52	−26 42.3	2.054	3.001	8.5	15.5
7 10	20 23.89	−27 32.5	1.999	2.990	5.3	15.3
7 20	20 15.91	−28 19.7	1.971	2.980	2.9	15.1
7 30	20 7.43	−28 59.5	1.970	2.969	4.3	15.2
8 9	19 59.43	−29 28.5	1.996	2.959	7.5	15.4
8 19	19 52.79	−29 45.2	2.047	2.949	10.7	15.6
8 29	19 48.21	−29 49.9	2.119	2.940	13.6	15.8

440931 2006 XK_{39} 7 23.7 202°.47 1°.7/24.6 18

6 20	20 36.92	−14 47.7	2.430	3.282	11.3	20.8
6 30	20 31.32	−14 32.7	2.350	3.280	8.5	20.6
7 10	20 24.15	−14 23.5	2.294	3.278	5.4	20.4
7 20	20 15.94	−14 19.2	2.265	3.275	2.4	20.2
7 30	20 7.42	−14 18.4	2.265	3.272	2.6	20.2
8 9	19 59.37	−14 19.7	2.293	3.269	5.7	20.4
8 19	19 52.48	−14 21.7	2.347	3.266	8.8	20.6
8 29	19 47.32	−14 23.3	2.426	3.263	11.5	20.8

380744 2005 SU_{110} 7 23.7 285°.61 0°.3/23.8 17

6 20	20 38.10	−17 50.4	1.609	2.487	14.7	21.8
6 30	20 33.19	−18 5.0	1.520	2.466	11.1	21.6
7 10	20 25.77	−18 28.1	1.453	2.445	6.7	21.3
7 20	20 16.49	−18 56.7	1.409	2.424	1.9	20.9
7 30	20 6.39	−19 26.7	1.392	2.402	3.1	20.9
8 9	19 56.78	−19 54.0	1.400	2.381	8.1	21.2
8 19	19 48.85	−20 15.7	1.433	2.360	12.7	21.4
8 29	19 43.57	−20 30.2	1.486	2.338	16.7	21.6

123811 2001 BC_{67} 7 23.7 204°.80 1°.9/24.9 18

6 20	20 34.85	−12 44.4	2.805	3.648	10.2	20.3
6 30	20 29.65	−12 41.4	2.720	3.644	7.7	20.1
7 10	20 23.10	−12 45.2	2.660	3.639	5.0	20.0
7 20	20 15.66	−12 54.7	2.627	3.635	2.5	19.8
7 30	20 7.92	−13 8.5	2.623	3.629	2.5	19.8
8 9	20 0.54	−13 24.9	2.648	3.624	5.1	19.9
8 19	19 54.11	−13 42.0	2.700	3.618	7.8	20.1
8 29	19 49.14	−13 58.4	2.777	3.612	10.3	20.3

416670 2004 VG_3 7 23.7 291°.72 3°.0/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.21	−23 26.3	1.296	2.191	16.4	21.0
6 30	20 34.64	−24 13.7	1.217	2.173	12.3	20.7
7 10	20 26.94	−25 8.1	1.159	2.154	7.5	20.4
7 20	20 16.86	−26 2.3	1.123	2.136	3.3	20.1
7 30	20 5.75	−26 48.6	1.112	2.117	5.3	20.2
8 9	19 55.31	−27 20.9	1.124	2.099	10.4	20.4
8 19	19 47.09	−27 36.6	1.158	2.081	15.4	20.7
8 29	19 42.23	−27 36.3	1.210	2.063	19.7	20.9

90021 2002 TR_{286} 7 23.7 244°.15 2°.3/24.7 18

6 20	20 39.05	−13 44.8	1.733	2.596	14.5	19.9
6 30	20 33.57	−13 40.3	1.651	2.586	11.1	19.6
7 10	20 25.82	−13 45.8	1.591	2.576	7.1	19.4
7 20	20 16.47	−13 59.8	1.555	2.566	3.1	19.1
7 30	20 6.51	−14 19.7	1.546	2.555	3.4	19.1
8 9	19 57.12	−14 42.5	1.564	2.544	7.5	19.3
8 19	19 49.32	−15 5.3	1.606	2.532	11.6	19.6
8 29	19 43.94	−15 25.7	1.670	2.521	15.3	19.8

137536 1999 VC_{63} 7 23.7 284°.15 3°.5/22.0 17

6 20	20 39.85	−25 18.6	1.495	2.383	15.0	20.6
6 30	20 34.85	−26 8.8	1.410	2.362	11.3	20.3
7 10	20 26.95	−27 3.3	1.348	2.340	7.1	20.0
7 20	20 16.85	−27 55.3	1.309	2.319	3.7	19.8
7 30	20 5.79	−28 37.7	1.295	2.297	5.5	19.8
8 9	19 55.29	−29 5.2	1.306	2.275	10.0	20.0
8 19	19 46.76	−29 15.9	1.340	2.253	14.4	20.2
8 29	19 41.31	−29 10.7	1.393	2.231	18.4	20.4

512164 2015 RR_{63} 7 23.7 356°.42 0°.4/23.5 18

6 20	20 33.78	−19 30.7	1.710	2.595	13.6	20.8
6 30	20 29.65	−19 49.5	1.641	2.591	10.1	20.6
7 10	20 23.43	−20 14.5	1.595	2.589	6.0	20.3
7 20	20 15.80	−20 42.3	1.572	2.587	1.6	20.1
7 30	20 7.72	−21 9.2	1.576	2.586	2.9	20.2
8 9	20 0.28	−21 31.7	1.605	2.585	7.3	20.4
8 19	19 54.43	−21 47.8	1.658	2.586	11.2	20.7
8 29	19 50.88	−21 56.2	1.733	2.587	14.6	20.9

122863 2000 SY_{134} 7 23.7 148°.66 0°.2/23.7 17

6 20	20 43.82	−19 43.4	1.579	2.451	15.2	20.1
6 30	20 37.08	−19 36.1	1.514	2.457	11.3	19.9
7 10	20 27.85	−19 33.3	1.471	2.463	6.8	19.6
7 20	20 16.99	−19 32.1	1.453	2.468	1.9	19.3
7 30	20 5.73	−19 29.7	1.463	2.472	3.1	19.4
8 9	19 55.40	−19 24.2	1.498	2.477	7.9	19.7
8 19	19 47.08	−19 14.7	1.558	2.481	12.2	20.0
8 29	19 41.55	−19 1.5	1.639	2.484	15.8	20.2

280020 2001 WE_7 7 23.7 181°.95 1°.1/23.0 17

6 20	20 39.56	−21 21.6	2.321	3.185	11.3	22.2
6 30	20 33.43	−21 57.1	2.246	3.186	8.3	22.1
7 10	20 25.49	−22 36.2	2.196	3.186	4.9	21.8
7 20	20 16.34	−23 15.4	2.173	3.186	1.6	21.6
7 30	20 6.80	−23 50.9	2.178	3.185	2.8	21.7
8 9	19 57.76	−24 19.8	2.213	3.184	6.3	21.9
8 19	19 50.03	−24 40.5	2.274	3.181	9.6	22.1
8 29	19 44.25	−24 52.9	2.359	3.178	12.4	22.3

361019 2005 WN_{36} 7 23.7 116°.85 3°.4/21.2 18

6 20	20 36.23	−28 12.3	2.392	3.266	10.6	20.8
6 30	20 31.01	−29 11.0	2.329	3.272	7.9	20.7
7 10	20 24.06	−30 9.1	2.291	3.277	5.2	20.5
7 20	20 15.95	−31 1.8	2.280	3.283	3.4	20.4
7 30	20 7.49	−31 45.1	2.297	3.288	4.5	20.5
8 9	19 59.55	−32 16.1	2.341	3.293	7.2	20.7
8 19	19 52.90	−32 33.9	2.410	3.298	9.9	20.8
8 29	19 48.15	−32 39.4	2.502	3.303	12.3	21.0

314430 2005 UE_{477} 7 23.7 262°.81 0°.5/23.4 18

6 20	20 36.16	−20 42.1	2.380	3.248	10.9	21.6
6 30	20 30.95	−20 55.7	2.293	3.235	8.1	21.4
7 10	20 24.04	−21 12.8	2.230	3.222	4.8	21.2
7 20	20 15.97	−21 30.8	2.194	3.209	1.3	20.9
7 30	20 7.47	−21 47.0	2.186	3.195	2.5	21.0
8 9	19 59.38	−21 59.2	2.207	3.182	6.0	21.2
8 19	19 52.47	−22 6.2	2.253	3.168	9.3	21.4
8 29	19 47.37	−22 7.3	2.323	3.154	12.2	21.6

418104 2007 XP_{16} 7 23.7 238°.11 1°.1/24.1 17

6 20	20 41.47	−16 41.0	1.738	2.603	14.4	21.9
6 30	20 35.44	−16 42.0	1.651	2.590	10.8	21.6
7 10	20 27.00	−16 50.6	1.587	2.576	6.7	21.4
7 20	20 16.83	−17 4.4	1.549	2.562	2.3	21.0
7 30	20 5.97	−17 20.5	1.537	2.547	3.0	21.1
8 9	19 55.66	−17 35.8	1.552	2.531	7.6	21.3
8 19	19 47.02	−17 48.2	1.592	2.515	11.9	21.5
8 29	19 40.91	−17 56.4	1.654	2.498	15.7	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
198351 2004 VD_6			7 23.7 127°.57		5°.7/26.9 17	
	h m	° ′			°	m
6 20	20 36.84	− 3 20.4	2.009	2.830	14.4	20.4
6 30	20 31.47	− 3 0.4	1.941	2.839	11.7	20.2
7 10	20 24.34	− 2 56.4	1.895	2.848	8.7	20.1
7 20	20 16.05	− 3 8.6	1.873	2.856	6.3	19.9
7 30	20 7.42	− 3 35.8	1.877	2.864	5.8	19.9
8 9	19 59.37	− 4 14.9	1.908	2.872	7.6	20.0
8 19	19 52.67	− 5 1.9	1.964	2.880	10.4	20.2
8 29	19 47.93	− 5 52.4	2.043	2.887	13.1	20.4
206056 2002 QC_{97}			7 23.7 306°.02		2°.9/22.3 18	
6 20	20 38.75	−26 20.0	1.806	2.687	13.2	20.8
6 30	20 33.34	−26 49.4	1.735	2.683	9.8	20.6
7 10	20 25.66	−27 18.9	1.687	2.679	6.1	20.4
7 20	20 16.45	−27 43.9	1.665	2.674	3.1	20.2
7 30	20 6.76	−28 0.0	1.669	2.670	4.5	20.2
8 9	19 57.77	−28 4.6	1.699	2.666	8.1	20.4
8 19	19 50.50	−27 57.3	1.753	2.662	11.8	20.7
8 29	19 45.70	−27 39.5	1.828	2.659	15.0	20.9
354711 2005 SZ_{14}			7 23.7 199°.98		2°.5/22.3 18	
6 20	20 37.79	−26 44.2	2.350	3.221	10.9	21.0
6 30	20 32.15	−27 9.6	2.278	3.220	8.1	20.8
7 10	20 24.75	−27 34.4	2.229	3.219	5.0	20.6
7 20	20 16.18	−27 55.1	2.208	3.217	2.6	20.4
7 30	20 7.27	−28 8.4	2.215	3.215	3.7	20.5
8 9	19 58.91	−28 12.6	2.249	3.213	6.7	20.7
8 19	19 51.88	−28 7.2	2.309	3.211	9.7	20.9
8 29	19 46.79	−27 53.1	2.392	3.208	12.3	21.1
253625 2003 UB_{87}			7 23.7 269°.23		2°.7/25.1 18	
6 20	20 37.29	−11 20.4	1.522	2.389	16.0	20.5
6 30	20 32.61	−11 39.2	1.440	2.376	12.3	20.2
7 10	20 25.45	−12 13.9	1.379	2.364	8.0	19.9
7 20	20 16.46	−13 2.7	1.341	2.351	3.8	19.6
7 30	20 6.71	−14 1.0	1.329	2.338	3.8	19.6
8 9	19 57.49	−15 3.3	1.342	2.324	8.2	19.8
8 19	19 49.98	−16 4.2	1.379	2.311	12.7	20.1
8 29	19 45.11	−16 59.1	1.437	2.298	16.7	20.3
252038 2000 QR_{117}			7 23.7 301°.00		14°.3/23.1 15	
6 20	21 4.34	−46 44.9	0.927	1.801	23.2	20.4
6 30	20 55.47	−47 1.5	0.860	1.783	19.9	20.1
7 10	20 40.29	−46 46.9	0.809	1.765	16.6	19.9
7 20	20 20.61	−45 42.2	0.775	1.748	14.5	19.7
7 30	19 59.97	−43 36.1	0.762	1.731	15.1	19.6
8 9	19 42.28	−40 34.3	0.769	1.715	18.3	19.7
8 19	19 30.04	−36 57.0	0.796	1.699	22.6	19.9
8 29	19 24.13	−33 7.4	0.839	1.684	26.9	20.2
271026 2003 AP_{73}			7 23.7 230°.27		0°.6/23.4 18	
6 20	20 40.55	−20 17.1	1.968	2.836	12.9	21.8
6 30	20 34.54	−20 34.7	1.883	2.825	9.5	21.6
7 10	20 26.36	−20 57.0	1.822	2.813	5.7	21.3
7 20	20 16.67	−21 20.6	1.786	2.800	1.6	21.0
7 30	20 6.40	−21 42.1	1.778	2.787	2.9	21.1
8 9	19 56.65	−21 58.4	1.798	2.774	7.1	21.3
8 19	19 48.40	−22 8.0	1.844	2.759	11.0	21.5
8 29	19 42.44	−22 10.5	1.912	2.744	14.3	21.7
384550 2010 ET_{113}			7 23.7 147°.24		5°.2/20.4 18	
6 20	20 40.64	−32 19.2	2.092	2.964	12.0	21.0
6 30	20 34.57	−33 30.3	2.034	2.971	9.2	20.8
7 10	20 26.34	−34 37.7	1.999	2.977	6.5	20.7
7 20	20 16.64	−35 35.0	1.991	2.983	5.2	20.6
7 30	20 6.50	−36 16.9	2.011	2.989	6.4	20.7
8 9	19 57.05	−36 40.7	2.056	2.994	8.9	20.8
8 19	19 49.25	−36 46.7	2.126	2.999	11.7	21.0
8 29	19 43.83	−36 36.9	2.217	3.003	14.1	21.2
519173 2010 OO_{55}			7 23.7 223°.32		3°.2/26.1 18	
6 20	20 33.43	− 7 7.5	2.858	3.683	10.5	22.3
6 30	20 28.65	− 7 12.6	2.767	3.674	8.3	22.1
7 10	20 22.57	− 7 27.9	2.700	3.665	5.8	21.9
7 20	20 15.59	− 7 52.9	2.659	3.655	3.7	21.8
7 30	20 8.28	− 8 26.0	2.647	3.645	3.4	21.8
8 9	20 1.26	− 9 4.9	2.663	3.635	5.3	21.9
8 19	19 55.10	− 9 47.0	2.707	3.624	7.8	22.0
8 29	19 50.32	−10 29.7	2.776	3.613	10.2	22.2
379237 2009 SP_{278}			7 23.7 252°.12		0°.4/23.9 18	
6 20	20 38.73	−17 6.5	1.868	2.735	13.5	22.0
6 30	20 33.35	−17 31.8	1.778	2.719	10.1	21.8
7 10	20 25.75	−18 5.9	1.712	2.702	6.1	21.5
7 20	20 16.53	−18 45.4	1.671	2.685	1.8	21.2
7 30	20 6.64	−19 26.3	1.657	2.667	2.8	21.2
8 9	19 57.18	−20 4.6	1.670	2.649	7.2	21.5
8 19	19 49.19	−20 37.2	1.709	2.630	11.4	21.7
8 29	19 43.51	−21 2.3	1.770	2.611	14.9	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
218084 2002 GO_{136}			7 23.7 20°.26		0°.9/23.3 18	
	h m	° ′			°	m
6 20	20 35.22	−21 17.3	1.806	2.688	13.1	19.8
6 30	20 30.56	−21 33.4	1.745	2.694	9.6	19.6
7 10	20 23.91	−21 53.4	1.707	2.701	5.7	19.4
7 20	20 15.97	−22 13.9	1.694	2.709	1.7	19.1
7 30	20 7.71	−22 31.4	1.708	2.717	3.0	19.2
8 9	20 0.17	−22 43.5	1.747	2.725	7.0	19.5
8 19	19 54.20	−22 48.6	1.811	2.735	10.7	19.7
8 29	19 50.45	−22 46.7	1.897	2.744	13.8	20.0
281249 2007 MO_{16}			7 23.7 12°.00		5°.3/20.3 16	
6 20	20 31.80	−23 59.6	1.129	2.042	16.9	18.5
6 30	20 29.19	−26 11.3	1.083	2.047	12.4	18.3
7 10	20 23.63	−28 31.0	1.057	2.053	7.9	18.0
7 20	20 15.98	−30 45.9	1.054	2.061	5.3	17.9
7 30	20 7.66	−32 42.7	1.075	2.071	7.6	18.1
8 9	20 0.30	−34 12.4	1.118	2.081	11.9	18.4
8 19	19 55.28	−35 11.7	1.182	2.094	16.0	18.6
8 29	19 53.51	−35 42.3	1.263	2.107	19.6	18.9
475926 2007 EA_{51}			7 23.7 168°.62		4°.1/21.0 18	
6 20	20 39.69	−34 14.8	2.830	3.690	9.6	21.9
6 30	20 33.32	−34 45.1	2.764	3.693	7.4	21.8
7 10	20 25.34	−35 10.1	2.723	3.696	5.3	21.6
7 20	20 16.35	−35 26.3	2.709	3.699	4.2	21.6
7 30	20 7.10	−35 30.9	2.723	3.701	4.9	21.6
8 9	19 58.41	−35 22.9	2.765	3.703	6.9	21.8
8 19	19 50.99	−35 3.0	2.834	3.704	9.1	21.9
8 29	19 45.39	−34 32.8	2.925	3.705	11.2	22.1
138497 2000 KS_{42}			7 23.7 182°.10		4°.1/25.8 18	
6 20	20 38.93	− 7 44.5	2.091	2.924	13.5	20.6
6 30	20 33.04	− 7 33.4	2.013	2.925	10.6	20.4
7 10	20 25.33	− 7 34.8	1.958	2.926	7.4	20.2
7 20	20 16.38	− 7 48.1	1.928	2.925	4.7	20.1
7 30	20 7.01	− 8 12.0	1.926	2.924	4.4	20.0
8 9	19 58.16	− 8 43.4	1.951	2.923	6.9	20.2
8 19	19 50.64	− 9 19.3	2.002	2.921	10.1	20.4
8 29	19 45.10	− 9 56.4	2.077	2.918	13.1	20.6
283736 2002 WO_7			7 23.7 345°.23		7°.4/19.4 18	
6 20	20 30.13	−30 5.9	1.170	2.085	16.3	18.7
6 30	20 28.22	−31 47.3	1.105	2.067	12.5	18.4
7 10	20 23.24	−33 31.2	1.059	2.050	9.0	18.2
7 20	20 15.93	−35 6.4	1.036	2.034	7.4	18.1
7 30	20 7.67	−36 21.4	1.034	2.021	9.4	18.1
8 9	20 0.21	−37 8.6	1.053	2.009	13.3	18.3
8 19	19 55.08	−37 25.9	1.091	2.000	17.4	18.5
8 29	19 53.42	−37 15.8	1.146	1.992	21.0	18.7
147336 2003 BY_{50}			7 23.7 249°.86		0°.1/23.7 18	
6 20	20 38.84	−17 47.5	1.837	2.706	13.6	20.4
6 30	20 33.46	−18 15.4	1.750	2.692	10.1	20.1
7 10	20 25.83	−18 51.5	1.685	2.677	6.1	19.8
7 20	20 16.57	−19 32.5	1.647	2.661	1.7	19.5
7 30	20 6.63	−20 14.1	1.635	2.645	2.9	19.6
8 9	19 57.16	−20 52.0	1.650	2.628	7.4	19.8
8 19	19 49.20	−21 23.3	1.691	2.611	11.5	20.0
8 29	19 43.60	−21 46.6	1.753	2.594	15.1	20.2
506281 2016 TH_{81}			7 23.7 19°.22		5°.6/20.9 18	
6 20	20 41.19	−34 50.6	2.020	2.891	12.4	20.9
6 30	20 35.02	−35 27.9	1.957	2.892	9.6	20.7
7 10	20 26.60	−35 58.4	1.917	2.892	7.0	20.5
7 20	20 16.73	−36 16.7	1.903	2.893	5.6	20.5
7 30	20 6.49	−36 18.7	1.914	2.893	6.6	20.5
8 9	19 57.06	−36 3.1	1.952	2.893	9.1	20.7
8 19	19 49.42	−35 31.5	2.014	2.894	11.9	20.8
8 29	19 44.28	−34 47.0	2.097	2.895	14.4	21.0
202729 2007 JK_{12}			7 23.7 343°.42		9°.4/28.9 17	
6 20	20 31.89	+ 2 2.1	1.421	2.250	18.9	19.4
6 30	20 28.61	+ 2 29.7	1.348	2.242	16.0	19.2
7 10	20 23.03	+ 2 30.4	1.293	2.235	12.9	19.0
7 20	20 15.81	+ 2 1.7	1.257	2.228	10.3	18.8
7 30	20 7.96	+ 1 4.0	1.244	2.222	9.4	18.7
8 9	20 0.70	− 0 17.7	1.254	2.217	10.8	18.8
8 19	19 55.08	− 1 55.4	1.285	2.213	13.7	19.0
8 29	19 51.98	− 3 40.0	1.337	2.210	17.0	19.2
250475 2004 CR_{129}			7 23.7 227°.00		12°.7/21.1 18	
6 20	21 3.35	−45 20.6	1.219	2.075	19.8	20.4
6 30	20 53.52	−46 11.6	1.156	2.067	16.8	20.2
7 10	20 38.59	−46 40.7	1.111	2.058	14.0	20.0
7 20	20 20.12	−46 32.7	1.087	2.049	12.7	19.9
7 30	20 0.90	−45 38.1	1.086	2.038	13.6	19.9
8 9	19 43.99	−43 59.1	1.107	2.027	16.3	20.0
8 19	19 31.50	−41 47.1	1.149	2.015	19.8	20.2
8 29	19 24.38	−39 16.9	1.208	2.003	23.1	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
260230 2004 RU_{248}			7 23.7 310°.44	12°.7/29.6 18		
	h m	° ′			°	m
6 20	20 34.54	+14 51.5	2.193	2.902	16.6	19.7
6 30	20 29.98	+16 26.8	2.109	2.887	15.3	19.6
7 10	20 23.62	+17 40.7	2.043	2.871	14.0	19.4
7 20	20 15.95	+18 28.2	1.997	2.857	13.0	19.3
7 30	20 7.71	+18 46.0	1.972	2.842	12.7	19.3
8 9	19 59.77	+18 34.1	1.969	2.828	13.1	19.3
8 19	19 52.96	+17 55.1	1.985	2.813	14.1	19.3
8 29	19 47.99	+16 54.5	2.022	2.800	15.5	19.4
55124 2001 QU_{170}			7 23.7 267°.93	0°.4/23.9 18		
6 20	20 36.33	−17 45.8	2.043	2.911	12.4	19.7
6 30	20 31.30	−17 59.8	1.963	2.904	9.2	19.5
7 10	20 24.37	−18 20.2	1.907	2.898	5.6	19.3
7 20	20 16.15	−18 44.5	1.877	2.891	1.6	19.0
7 30	20 7.47	−19 9.5	1.874	2.884	2.5	19.0
8 9	19 59.31	−19 32.3	1.898	2.877	6.5	19.3
8 19	19 52.49	−19 50.9	1.948	2.870	10.1	19.5
8 29	19 47.71	−20 4.1	2.020	2.863	13.3	19.7
185735 1998 XD_{10}			7 23.7 342°.25	4°.6/21.4 17		
6 20	20 36.29	−25 52.1	1.267	2.169	16.2	19.5
6 30	20 32.42	−27 4.9	1.204	2.162	12.1	19.2
7 10	20 25.56	−28 22.2	1.161	2.156	7.7	18.9
7 20	20 16.55	−29 35.2	1.142	2.150	4.6	18.8
7 30	20 6.77	−30 34.9	1.146	2.145	6.6	18.9
8 9	19 57.85	−31 15.1	1.173	2.141	10.9	19.1
8 19	19 51.19	−31 34.1	1.221	2.137	15.3	19.3
8 29	19 47.79	−31 33.4	1.288	2.135	19.1	19.6
506610 2006 CV_{22}			7 23.7 81°.31	2°.1/22.8 17		
6 20	20 40.62	−24 13.6	1.743	2.621	13.7	21.4
6 30	20 34.53	−24 39.0	1.691	2.638	10.1	21.2
7 10	20 26.27	−25 5.7	1.661	2.654	6.0	21.0
7 20	20 16.64	−25 29.1	1.658	2.670	2.4	20.8
7 30	20 6.75	−25 45.3	1.680	2.686	3.8	20.9
8 9	19 57.78	−25 51.9	1.730	2.702	7.7	21.2
8 19	19 50.64	−25 48.8	1.804	2.717	11.3	21.4
8 29	19 45.98	−25 36.8	1.899	2.733	14.4	21.7
449428 2013 HP_{83}			7 23.7 304°.80	0°.8/23.2 18		
6 20	20 35.28	−21 19.1	2.243	3.115	11.3	21.5
6 30	20 30.39	−21 38.3	2.165	3.109	8.3	21.3
7 10	20 23.77	−22 1.0	2.111	3.103	5.0	21.1
7 20	20 15.98	−22 24.2	2.083	3.097	1.5	20.8
7 30	20 7.80	−22 45.0	2.083	3.091	2.7	20.9
8 9	20 0.10	−23 0.7	2.110	3.085	6.2	21.2
8 19	19 53.66	−23 10.2	2.163	3.080	9.5	21.3
8 29	19 49.10	−23 12.9	2.240	3.074	12.4	21.5
4706 Dennisreuter			7 23.7 206°.62	4°.2/25.9 18		
6 20	20 39.16	− 7 14.7	1.811	2.650	15.0	17.7
6 30	20 33.57	− 7 19.5	1.729	2.645	11.8	17.5
7 10	20 25.83	− 7 40.3	1.669	2.640	8.3	17.3
7 20	20 16.58	− 8 16.2	1.634	2.634	5.0	17.1
7 30	20 6.75	− 9 4.5	1.625	2.627	4.6	17.1
8 9	19 57.43	−10 0.9	1.643	2.619	7.6	17.2
8 19	19 49.60	−11 0.6	1.687	2.611	11.3	17.4
8 29	19 44.04	−11 59.1	1.753	2.601	14.7	17.6
95943 2003 LY_{6}			7 23.7 329°.46	0°.9/23.3 18		
6 20	20 33.43	−20 39.3	1.663	2.551	13.8	18.3
6 30	20 29.71	−21 1.7	1.575	2.527	10.3	18.1
7 10	20 23.71	−21 30.4	1.509	2.504	6.2	17.8
7 20	20 16.03	−22 1.9	1.468	2.482	1.8	17.4
7 30	20 7.65	−22 31.6	1.452	2.461	3.3	17.5
8 9	19 59.76	−22 55.7	1.461	2.441	7.9	17.7
8 19	19 53.43	−23 11.8	1.493	2.421	12.2	17.9
8 29	19 49.55	−23 18.6	1.546	2.403	16.0	18.1
227280 2005 SF_{163}			7 23.7 339°.53	0°.7/23.9 15		
6 20	20 33.26	−17 3.6	1.166	2.067	17.4	20.3
6 30	20 30.20	−17 18.7	1.096	2.053	13.1	20.0
7 10	20 24.26	−17 46.3	1.045	2.041	8.0	19.7
7 20	20 16.21	−18 22.6	1.015	2.029	2.4	19.3
7 30	20 7.36	−19 2.4	1.008	2.019	3.6	19.4
8 9	19 59.28	−19 39.8	1.024	2.010	9.3	19.7
8 19	19 53.35	−20 10.5	1.060	2.003	14.5	20.0
8 29	19 50.58	−20 31.8	1.115	1.996	19.0	20.2
515370 2013 EJ_{38}			7 23.7 319°.52	4°.8/20.9 18		
6 20	20 38.17	−32 31.7	2.152	3.027	11.6	21.1
6 30	20 32.73	−33 18.2	2.085	3.024	8.9	20.9
7 10	20 25.24	−34 0.6	2.042	3.021	6.3	20.7
7 20	20 16.39	−34 33.8	2.024	3.019	4.8	20.6
7 30	20 7.13	−34 53.5	2.034	3.017	5.9	20.7
8 9	19 58.51	−34 57.7	2.069	3.014	8.4	20.9
8 19	19 51.43	−34 46.6	2.129	3.012	11.2	21.0
8 29	19 46.58	−34 22.3	2.210	3.010	13.7	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
440182 2004 CR_{6}			7 23.7 28°.04	12°.1/ 2.0 17		
	h m	° ′			°	m
6 20	20 34.66	+11 46.3	0.929	1.745	27.5	20.4
6 30	20 31.54	+10 47.7	0.869	1.748	23.9	20.1
7 10	20 25.20	+ 8 49.5	0.821	1.752	19.5	19.9
7 20	20 16.50	+ 5 47.9	0.790	1.757	15.1	19.6
7 30	20 6.91	+ 1 50.3	0.779	1.763	12.3	19.5
8 9	19 58.27	− 2 41.9	0.791	1.768	13.1	19.6
8 19	19 52.12	− 7 20.6	0.827	1.775	16.8	19.8
8 29	19 49.59	−11 40.4	0.883	1.782	21.2	20.1
205408 2001 FV_{20}			7 23.7 44°.89	5°.1/26.3 17		
6 20	20 35.72	− 6 38.0	1.645	2.494	15.8	19.7
6 30	20 30.99	− 6 19.6	1.585	2.504	12.5	19.5
7 10	20 24.21	− 6 17.7	1.545	2.514	8.9	19.4
7 20	20 16.11	− 6 32.0	1.529	2.525	5.9	19.2
7 30	20 7.65	− 7 0.5	1.538	2.536	5.4	19.2
8 9	19 59.92	− 7 39.5	1.572	2.547	8.0	19.4
8 19	19 53.78	− 8 24.3	1.630	2.558	11.3	19.6
8 29	19 49.91	− 9 10.5	1.710	2.570	14.5	19.8
106501 2000 WN_{36}			7 23.7 217°.99	0°.1/23.8 18		
6 20	20 39.40	−16 43.7	1.665	2.536	14.6	20.2
6 30	20 34.01	−17 25.3	1.588	2.531	10.9	20.0
7 10	20 26.21	−18 17.7	1.533	2.525	6.6	19.7
7 20	20 16.71	−19 16.6	1.504	2.518	1.8	19.4
7 30	20 6.55	−20 16.2	1.501	2.511	3.0	19.5
8 9	19 56.98	−21 11.3	1.525	2.504	7.8	19.8
8 19	19 49.11	−21 58.0	1.574	2.496	12.1	20.0
8 29	19 43.79	−22 34.3	1.644	2.488	15.8	20.2
93294 2000 SY_{199}			7 23.7 186°.53	1°.9/24.8 18		
6 20	20 37.90	−13 16.7	2.045	2.900	13.0	20.3
6 30	20 32.38	−13 25.8	1.969	2.900	9.8	20.1
7 10	20 24.99	−13 44.5	1.916	2.899	6.3	19.9
7 20	20 16.33	−14 10.8	1.888	2.898	2.7	19.7
7 30	20 7.25	−14 42.0	1.889	2.897	2.9	19.7
8 9	19 58.70	−15 14.8	1.916	2.895	6.4	19.9
8 19	19 51.51	−15 46.4	1.970	2.893	10.0	20.1
8 29	19 46.35	−16 14.7	2.047	2.890	13.1	20.3
431861 2008 SA_{109}			7 23.7 21°.53	0°.7/23.5 16		
6 20	20 38.40	−21 0.1	1.391	2.281	15.8	21.0
6 30	20 33.41	−21 5.9	1.333	2.285	11.7	20.7
7 10	20 25.84	−21 16.5	1.295	2.290	7.0	20.5
7 20	20 16.58	−21 28.2	1.281	2.296	1.9	20.2
7 30	20 6.89	−21 37.0	1.292	2.302	3.5	20.3
8 9	19 58.16	−21 40.2	1.327	2.308	8.4	20.6
8 19	19 51.50	−21 36.6	1.385	2.315	12.8	20.9
8 29	19 47.69	−21 26.3	1.464	2.323	16.5	21.1
358750 2008 CR_{140}			7 23.7 233°.94	3°.4/26.2 18		
6 20	20 34.63	− 6 32.6	2.622	3.446	11.4	21.9
6 30	20 29.70	− 6 46.7	2.527	3.433	9.0	21.7
7 10	20 23.30	− 7 13.0	2.455	3.420	6.3	21.5
7 20	20 15.87	− 7 50.7	2.409	3.405	4.0	21.3
7 30	20 8.01	− 8 37.7	2.392	3.391	3.6	21.3
8 9	20 0.44	− 9 31.1	2.403	3.376	5.8	21.4
8 19	19 53.81	−10 27.7	2.442	3.360	8.5	21.6
8 29	19 48.69	−11 24.0	2.505	3.344	11.1	21.7
263364 2008 CO_{157}			7 23.7 98°.96	3°.9/25.6 17		
6 20	20 38.37	− 9 28.2	1.529	2.388	16.3	20.8
6 30	20 33.14	− 9 24.8	1.466	2.395	12.7	20.6
7 10	20 25.59	− 9 36.9	1.423	2.402	8.6	20.4
7 20	20 16.51	−10 3.4	1.404	2.409	4.8	20.2
7 30	20 6.99	−10 41.1	1.411	2.415	4.5	20.2
8 9	19 58.23	−11 25.5	1.442	2.422	8.0	20.4
8 19	19 51.26	−12 11.9	1.498	2.429	12.0	20.6
8 29	19 46.84	−12 56.2	1.575	2.435	15.5	20.9
164518 Patoche			7 23.7 3°.99	1°.4/24.3 18		
6 20	20 35.32	−15 34.2	1.490	2.372	15.5	20.3
6 30	20 31.03	−15 41.7	1.425	2.371	11.6	20.1
7 10	20 24.41	−15 59.7	1.381	2.372	7.2	19.8
7 20	20 16.20	−16 25.5	1.360	2.372	2.6	19.5
7 30	20 7.50	−16 55.3	1.364	2.374	3.1	19.6
8 9	19 59.55	−17 25.1	1.393	2.376	7.7	19.9
8 19	19 53.39	−17 51.7	1.445	2.379	12.1	20.1
8 29	19 49.78	−18 12.7	1.518	2.382	15.8	20.4
246661 2008 YA_{85}			7 23.7 98°.03	1°.2/24.3 17		
6 20	20 37.12	−15 51.4	1.900	2.766	13.3	21.0
6 30	20 31.91	−15 55.5	1.829	2.767	10.0	20.8
7 10	20 24.74	−16 7.3	1.780	2.769	6.1	20.5
7 20	20 16.27	−16 24.8	1.757	2.770	2.2	20.3
7 30	20 7.39	−16 45.2	1.761	2.771	2.7	20.3
8 9	19 59.13	−17 5.5	1.791	2.771	6.7	20.6
8 19	19 52.34	−17 23.6	1.847	2.772	10.4	20.8
8 29	19 47.70	−17 37.8	1.926	2.773	13.6	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
482422 2012 BT_{136}			7 23.7 167°.51		0°.1/23.6 18	
	h m	° ′			°	m
6 20	20 34.87	−18 50.7	2.758	3.618	9.8	22.3
6 30	20 29.75	−19 13.8	2.684	3.621	7.2	22.2
7 10	20 23.25	−19 41.1	2.634	3.624	4.3	22.0
7 20	20 15.83	−20 10.2	2.612	3.626	1.2	21.8
7 30	20 8.14	−20 38.6	2.619	3.628	2.0	21.8
8 9	20 0.85	−21 4.1	2.655	3.630	5.1	22.0
8 19	19 54.57	−21 25.2	2.717	3.631	7.9	22.2
8 29	19 49.81	−21 40.8	2.805	3.632	10.4	22.4
489955 2008 RJ_{135}			7 23.7 320°.51		9°.6/19.8 18	
6 20	20 42.74	−39 36.2	1.412	2.294	16.1	21.0
6 30	20 37.48	−40 33.4	1.341	2.275	13.2	20.8
7 10	20 28.74	−41 19.2	1.291	2.257	10.7	20.6
7 20	20 17.48	−41 43.6	1.262	2.238	9.6	20.5
7 30	20 5.34	−41 38.6	1.255	2.221	10.8	20.5
8 9	19 54.27	−41 2.3	1.271	2.204	13.6	20.6
8 19	19 45.88	−39 58.2	1.308	2.188	17.0	20.8
8 29	19 41.23	−38 33.1	1.362	2.173	20.1	21.0
154918 2004 SF_{24}			7 23.7 226°.06		0°.4/23.9 18	
6 20	20 34.52	−17 10.5	2.541	3.402	10.5	21.0
6 30	20 29.63	−17 30.1	2.460	3.397	7.8	20.8
7 10	20 23.25	−17 55.5	2.403	3.392	4.7	20.6
7 20	20 15.85	−18 24.4	2.374	3.388	1.4	20.3
7 30	20 8.11	−18 54.2	2.373	3.382	2.1	20.4
8 9	20 0.76	−19 22.4	2.400	3.377	5.4	20.6
8 19	19 54.46	−19 46.9	2.454	3.372	8.5	20.8
8 29	19 49.78	−20 6.6	2.531	3.366	11.2	20.9
186320 2002 CF_{273}			7 23.7 193°.57		3°.3/21.7 18	
6 20	20 38.24	−29 30.3	2.499	3.368	10.4	21.0
6 30	20 32.47	−30 4.8	2.427	3.366	7.8	20.8
7 10	20 24.97	−30 37.1	2.380	3.365	5.1	20.6
7 20	20 16.32	−31 3.3	2.360	3.363	3.4	20.5
7 30	20 7.34	−31 20.2	2.368	3.361	4.3	20.6
8 9	19 58.88	−31 26.0	2.404	3.358	6.9	20.7
8 19	19 51.71	−31 20.4	2.466	3.356	9.6	20.9
8 29	19 46.44	−31 4.6	2.550	3.353	12.0	21.1
408934 2002 AN_{138}			7 23.7 209°.86		0°.1/23.7 17	
6 20	20 41.08	−17 54.1	1.664	2.535	14.6	22.1
6 30	20 35.24	−18 23.6	1.588	2.530	10.9	21.9
7 10	20 26.95	−19 1.9	1.533	2.525	6.6	21.6
7 20	20 16.93	−19 44.8	1.504	2.519	1.8	21.3
7 30	20 6.27	−20 27.4	1.502	2.512	3.1	21.4
8 9	19 56.25	−21 5.3	1.526	2.504	7.8	21.7
8 19	19 47.98	−21 35.5	1.575	2.497	12.1	21.9
8 29	19 42.34	−21 56.7	1.646	2.488	15.8	22.1
357709 2005 QM_{34}			7 23.7 259°.15		2°.5/22.5 18	
6 20	20 38.78	−26 49.4	2.248	3.120	11.3	21.2
6 30	20 33.04	−27 7.0	2.168	3.110	8.4	21.0
7 10	20 25.39	−27 23.7	2.111	3.100	5.2	20.8
7 20	20 16.46	−27 36.1	2.081	3.090	2.7	20.6
7 30	20 7.11	−27 40.9	2.079	3.080	3.8	20.7
8 9	19 58.30	−27 36.5	2.104	3.070	7.0	20.9
8 19	19 50.88	−27 22.6	2.155	3.059	10.2	21.0
8 29	19 45.52	−27 0.3	2.229	3.049	13.0	21.2
101824 1999 JF_{22}			7 23.7 187°.85		2°.6/22.4 18	
6 20	20 41.70	−26 15.0	2.100	2.969	12.1	19.2
6 30	20 35.25	−26 44.8	2.027	2.969	9.0	19.0
7 10	20 26.73	−27 14.4	1.978	2.968	5.6	18.8
7 20	20 16.84	−27 39.5	1.957	2.966	2.8	18.6
7 30	20 6.52	−27 56.3	1.963	2.964	4.0	18.7
8 9	19 56.84	−28 2.5	1.997	2.961	7.4	18.9
8 19	19 48.72	−27 57.8	2.056	2.958	10.7	19.1
8 29	19 42.87	−27 43.5	2.138	2.954	13.6	19.3
310180 2011 SB_{52}			7 23.7 257°.45		6°.4/27.5 18	
6 20	20 34.28	− 0 49.2	2.182	2.991	13.8	20.6
6 30	20 29.61	− 0 22.8	2.103	2.989	11.4	20.4
7 10	20 23.30	− 0 12.5	2.046	2.987	9.0	20.2
7 20	20 15.89	− 0 19.3	2.013	2.985	6.9	20.1
7 30	20 8.09	− 0 42.6	2.006	2.983	6.4	20.1
8 9	20 0.73	− 1 20.0	2.024	2.981	7.8	20.2
8 19	19 54.52	− 2 7.8	2.068	2.979	10.2	20.3
8 29	19 50.08	− 3 1.6	2.135	2.977	12.7	20.5
99186 2001 FO_{189}			7 23.7 117°.61		0°.2/23.7 18	
6 20	20 38.19	−19 9.7	1.889	2.761	13.1	20.5
6 30	20 32.72	−19 25.5	1.822	2.766	9.7	20.2
7 10	20 25.23	−19 46.8	1.778	2.770	5.8	20.0
7 20	20 16.42	−20 10.4	1.760	2.774	1.6	19.7
7 30	20 7.23	−20 33.0	1.769	2.778	2.7	19.8
8 9	19 58.71	−20 51.6	1.804	2.783	6.8	20.1
8 19	19 51.74	−21 4.6	1.865	2.787	10.6	20.3
8 29	19 46.99	−21 11.2	1.949	2.790	13.7	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
441981 2010 NV_{31}			7 23.7 310°.39		1°.9/24.5 16	
	h m	° ′			°	m
6 20	20 36.06	−15 12.3	1.961	2.826	13.0	20.8
6 30	20 31.21	−14 55.9	1.874	2.811	9.9	20.5
7 10	20 24.40	−14 46.4	1.809	2.796	6.3	20.3
7 20	20 16.22	−14 42.8	1.770	2.781	2.7	20.0
7 30	20 7.53	−14 43.5	1.757	2.766	3.0	20.0
8 9	19 59.31	−14 46.7	1.772	2.752	6.7	20.2
8 19	19 52.45	−14 50.5	1.811	2.738	10.5	20.4
8 29	19 47.67	−14 53.6	1.873	2.724	13.8	20.6
413770 2006 FA_{20}			7 23.7 128°.77		5°.7/21.4 17	
6 20	20 44.03	−30 32.3	1.414	2.301	15.8	21.0
6 30	20 37.85	−31 29.7	1.358	2.305	12.0	20.8
7 10	20 28.65	−32 23.9	1.323	2.310	8.1	20.6
7 20	20 17.41	−33 6.4	1.312	2.314	5.7	20.5
7 30	20 5.63	−33 30.3	1.326	2.317	7.2	20.6
8 9	19 54.95	−33 32.8	1.364	2.321	10.8	20.8
8 19	19 46.71	−33 15.3	1.425	2.325	14.6	21.0
8 29	19 41.78	−32 41.8	1.504	2.328	18.0	21.3
121437 1999 TT_{183}			7 23.7 275°.10		0°.4/23.9 18	
6 20	20 38.66	−19 23.1	2.362	3.223	11.2	19.7
6 30	20 32.85	−19 7.9	2.267	3.204	8.4	19.5
7 10	20 25.26	−18 55.3	2.196	3.186	5.1	19.2
7 20	20 16.45	−18 43.7	2.153	3.167	1.5	19.0
7 30	20 7.18	−18 31.8	2.138	3.148	2.3	19.0
8 9	19 58.33	−18 18.3	2.151	3.128	6.0	19.2
8 19	19 50.68	−18 2.7	2.192	3.109	9.4	19.4
8 29	19 44.90	−17 44.9	2.256	3.089	12.4	19.6
18402 1992 YU_{2}			7 23.7 259°.68		2°.1/24.8 18	
6 20	20 38.28	−13 3.0	2.068	2.921	12.9	19.2
6 30	20 32.87	−13 5.6	1.969	2.899	9.9	18.9
7 10	20 25.44	−13 17.8	1.894	2.877	6.4	18.7
7 20	20 16.54	−13 38.1	1.844	2.854	2.9	18.4
7 30	20 6.99	−14 4.4	1.822	2.830	3.1	18.4
8 9	19 57.78	−14 33.5	1.828	2.806	6.7	18.6
8 19	19 49.82	−15 2.8	1.860	2.782	10.5	18.7
8 29	19 43.91	−15 29.8	1.914	2.757	13.9	18.9
518739 2009 PT_{21}			7 23.7 355°.93		4°.1/25.8 17	
6 20	20 34.83	− 8 49.2	1.343	2.214	17.5	21.3
6 30	20 30.90	− 9 1.2	1.276	2.212	13.6	21.0
7 10	20 24.47	− 9 32.9	1.229	2.210	9.2	20.8
7 20	20 16.29	−10 22.6	1.203	2.209	5.1	20.5
7 30	20 7.50	−11 25.8	1.202	2.208	4.7	20.5
8 9	19 59.42	−12 36.0	1.224	2.208	8.5	20.7
8 19	19 53.22	−13 46.6	1.270	2.209	13.0	21.0
8 29	19 49.75	−14 51.9	1.336	2.210	16.9	21.3
128576 2004 PB_{104}			7 23.7 211°.29		4°.9/20.1 18	
6 20	20 39.76	−37 42.3	3.005	3.858	9.3	20.4
6 30	20 33.47	−38 20.8	2.932	3.852	7.4	20.3
7 10	20 25.53	−38 53.0	2.884	3.845	5.7	20.2
7 20	20 16.51	−39 14.8	2.863	3.838	4.9	20.1
7 30	20 7.16	−39 23.4	2.870	3.831	5.7	20.2
8 9	19 58.31	−39 17.5	2.904	3.823	7.4	20.3
8 19	19 50.68	−38 57.8	2.964	3.815	9.3	20.4
8 29	19 44.85	−38 26.2	3.046	3.806	11.2	20.5
469504 2003 FO			7 23.7 52°.20		10°.4/ 2.5 16	
6 20	20 39.55	+13 12.0	1.425	2.179	22.3	20.8
6 30	20 33.80	+12 7.5	1.382	2.217	19.1	20.7
7 10	20 25.84	+10 22.9	1.356	2.255	15.6	20.6
7 20	20 16.58	+ 8 0.0	1.351	2.293	12.4	20.5
7 30	20 7.21	+ 5 6.2	1.370	2.331	10.5	20.5
8 9	19 58.90	+ 1 54.5	1.416	2.369	10.8	20.6
8 19	19 52.56	− 1 20.5	1.489	2.407	12.9	20.8
8 29	19 48.80	− 4 26.3	1.586	2.445	15.5	21.1
213665 2002 SS_{50}			7 23.7 281°.25		4°.1/25.9 18	
6 20	20 35.39	− 7 33.4	2.035	2.875	13.6	20.7
6 30	20 30.74	− 7 28.3	1.937	2.853	10.8	20.5
7 10	20 24.18	− 7 36.8	1.861	2.831	7.6	20.3
7 20	20 16.22	− 7 58.8	1.810	2.808	4.8	20.0
7 30	20 7.64	− 8 32.6	1.785	2.786	4.5	20.0
8 9	19 59.37	− 9 15.3	1.788	2.763	7.2	20.1
8 19	19 52.30	−10 3.0	1.815	2.740	10.6	20.3
8 29	19 47.18	−10 52.0	1.866	2.716	13.9	20.4
386529 2009 CR_{20}			7 23.7 95°.54		1°.3/24.5 18	
6 20	20 36.09	−14 34.7	1.944	2.808	13.2	21.3
6 30	20 31.14	−14 54.2	1.874	2.812	9.9	21.1
7 10	20 24.31	−15 23.2	1.828	2.815	6.1	20.8
7 20	20 16.22	−15 59.1	1.806	2.818	2.3	20.6
7 30	20 7.74	−16 38.3	1.812	2.822	2.6	20.6
8 9	19 59.83	−17 17.3	1.845	2.825	6.5	20.9
8 19	19 53.33	−17 53.1	1.903	2.828	10.1	21.1
8 29	19 48.89	−18 23.4	1.984	2.832	13.3	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
184886 2005 UT_{221}			7 23.7	39°.13	2°.6/22.4	18
	h m	° ′			°	m
6 20	20 37.37	−25 54.5	1.906	2.787	12.6	20.1
6 30	20 32.14	−26 22.4	1.848	2.795	9.3	19.9
7 10	20 24.90	−26 50.4	1.812	2.804	5.7	19.7
7 20	20 16.37	−27 14.2	1.803	2.813	2.8	19.5
7 30	20 7.54	−27 30.0	1.820	2.822	4.1	19.6
8 9	19 59.45	−27 35.8	1.863	2.832	7.5	19.9
8 19	19 52.97	−27 31.2	1.931	2.842	10.8	20.1
8 29	19 48.75	−27 17.1	2.021	2.852	13.7	20.3
441014 2007 EK_{72}			7 23.7	265°.51	7°.0/19.4	18
6 20	20 41.75	−41 18.5	2.401	3.255	11.3	21.1
6 30	20 35.42	−42 7.8	2.333	3.246	9.3	20.9
7 10	20 26.92	−42 47.6	2.288	3.238	7.7	20.8
7 20	20 16.95	−43 12.1	2.269	3.229	7.0	20.7
7 30	20 6.55	−43 17.4	2.275	3.220	7.8	20.8
8 9	19 56.85	−43 2.2	2.307	3.212	9.6	20.9
8 19	19 48.81	−42 28.2	2.362	3.203	11.8	21.0
8 29	19 43.15	−41 38.7	2.438	3.194	13.8	21.1
442130 2010 UK_{31}			7 23.7	230°.04	5°.1/20.1	18
6 20	20 40.49	−37 52.3	2.926	3.778	9.5	21.9
6 30	20 34.10	−38 31.5	2.848	3.767	7.6	21.8
7 10	20 25.97	−39 4.2	2.794	3.755	5.9	21.7
7 20	20 16.68	−39 26.3	2.768	3.743	5.1	21.6
7 30	20 7.01	−39 34.4	2.769	3.730	5.9	21.6
8 9	19 57.83	−39 27.4	2.798	3.716	7.6	21.7
8 19	19 49.90	−39 6.0	2.852	3.703	9.7	21.9
8 29	19 43.85	−38 32.1	2.929	3.689	11.6	22.0
491627 2012 TD_{139}			7 23.7	291°.74	0°.7/24.0	17
6 20	20 37.98	−17 41.2	1.744	2.617	14.0	21.7
6 30	20 32.84	−17 42.5	1.666	2.609	10.4	21.5
7 10	20 25.48	−17 50.6	1.611	2.602	6.4	21.2
7 20	20 16.59	−18 3.0	1.580	2.594	2.0	20.9
7 30	20 7.17	−18 16.8	1.576	2.586	2.8	20.9
8 9	19 58.36	−18 29.2	1.598	2.579	7.3	21.2
8 19	19 51.16	−18 38.3	1.645	2.572	11.4	21.4
8 29	19 46.35	−18 42.9	1.714	2.564	14.9	21.6
436318 2010 FQ_{57}			7 23.7	78°.62	4°.5/21.3	17
6 20	20 40.19	−29 11.6	1.809	2.689	13.2	21.1
6 30	20 34.36	−30 14.4	1.762	2.707	9.9	20.9
7 10	20 26.29	−31 14.9	1.738	2.724	6.5	20.8
7 20	20 16.78	−32 6.7	1.739	2.741	4.5	20.7
7 30	20 6.96	−32 44.5	1.767	2.758	5.8	20.8
8 9	19 58.01	−33 5.7	1.821	2.775	8.8	21.0
8 19	19 50.89	−33 10.3	1.899	2.791	11.9	21.2
8 29	19 46.29	−33 0.6	1.997	2.808	14.6	21.5
367837 2011 BC_{87}			7 23.7	312°.25	0°.4/23.5	18
6 20	20 33.51	−18 58.1	2.443	3.311	10.7	21.1
6 30	20 29.02	−19 31.6	2.365	3.307	7.9	20.9
7 10	20 22.97	−20 10.5	2.312	3.303	4.7	20.7
7 20	20 15.87	−20 51.9	2.285	3.299	1.3	20.5
7 30	20 8.42	−21 32.5	2.286	3.295	2.3	20.5
8 9	20 1.36	−22 9.3	2.315	3.292	5.7	20.8
8 19	19 55.39	−22 40.2	2.371	3.288	8.8	21.0
8 29	19 51.09	−23 4.0	2.450	3.285	11.5	21.1
523811 2008 TQ_{2}			7 23.8	224°.00	2°.6/24.8	18
6 20	20 47.53	−12 14.9	1.712	2.556	15.5	24.9
6 30	20 40.19	−12 22.1	1.616	2.541	12.0	24.6
7 10	20 30.11	−12 41.9	1.542	2.523	7.8	24.3
7 20	20 17.96	−13 12.2	1.494	2.503	3.6	24.0
7 30	20 4.84	−13 49.7	1.475	2.482	3.7	24.0
8 9	19 52.14	−14 30.1	1.483	2.459	8.2	24.2
8 19	19 41.14	−15 9.7	1.517	2.434	12.8	24.4
8 29	19 32.89	−15 45.4	1.574	2.407	16.9	24.6
173746 2001 RH_{24}			7 23.8	313°.13	2°.4/22.6	18
6 20	20 37.52	−24 55.7	1.788	2.671	13.2	20.0
6 30	20 32.58	−25 19.8	1.710	2.659	9.8	19.7
7 10	20 25.38	−25 45.6	1.654	2.647	6.0	19.5
7 20	20 16.58	−26 8.5	1.624	2.635	2.7	19.2
7 30	20 7.23	−26 24.3	1.619	2.624	4.1	19.3
8 9	19 58.48	−26 30.4	1.641	2.613	8.0	19.5
8 19	19 51.38	−26 25.7	1.687	2.602	11.8	19.7
8 29	19 46.73	−26 11.1	1.753	2.592	15.2	19.9
275742 2001 HL_{18}			7 23.8	166°.81	9°.1/17.3	17
6 20	20 50.37	−45 16.8	2.236	3.071	12.7	21.1
6 30	20 42.24	−46 56.1	2.186	3.078	10.8	21.0
7 10	20 31.24	−48 22.3	2.161	3.084	9.5	20.9
7 20	20 18.22	−49 27.2	2.161	3.089	9.2	20.9
7 30	20 4.53	−50 4.7	2.187	3.093	10.1	21.0
8 9	19 51.72	−50 13.5	2.237	3.097	11.7	21.1
8 19	19 41.08	−49 56.2	2.309	3.099	13.6	21.3
8 29	19 33.54	−49 18.2	2.400	3.100	15.3	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
354119 2002 AC_{147}			7 23.8	260°.53	0°.5/24.0	18
	h m	° ′			°	m
6 20	20 37.58	−18 25.8	2.207	3.071	11.8	20.4
6 30	20 32.11	−18 19.8	2.126	3.065	8.8	20.2
7 10	20 24.85	−18 18.0	2.068	3.058	5.3	19.9
7 20	20 16.41	−18 18.7	2.037	3.051	1.6	19.7
7 30	20 7.57	−18 19.9	2.034	3.044	2.4	19.7
8 9	19 59.24	−18 19.9	2.059	3.037	6.1	20.0
8 19	19 52.20	−18 17.6	2.110	3.030	9.5	20.2
8 29	19 47.08	−18 12.3	2.184	3.023	12.5	20.3
390531 1998 HN_{24}			7 23.8	40°.64	1°.0/24.4	15
6 20	20 34.46	−14 15.9	1.750	2.622	14.0	20.5
6 30	20 30.04	−14 57.7	1.696	2.637	10.4	20.3
7 10	20 23.69	−15 50.7	1.663	2.653	6.4	20.1
7 20	20 16.08	−16 51.0	1.656	2.669	2.2	19.9
7 30	20 8.16	−17 53.6	1.675	2.686	2.7	19.9
8 9	20 0.93	−18 53.3	1.721	2.703	6.7	20.2
8 19	19 55.23	−19 46.5	1.792	2.720	10.5	20.5
8 29	19 51.69	−20 30.7	1.885	2.738	13.7	20.7
129505 1995 SE_{24}			7 23.8	233°.58	2°.4/22.4	18
6 20	20 39.82	−25 7.4	2.166	3.036	11.7	21.0
6 30	20 33.98	−25 42.8	2.082	3.024	8.7	20.8
7 10	20 26.09	−26 19.8	2.022	3.012	5.4	20.6
7 20	20 16.78	−26 54.0	1.989	2.999	2.6	20.4
7 30	20 6.94	−27 21.2	1.984	2.986	3.8	20.4
8 9	19 57.57	−27 38.8	2.007	2.972	7.2	20.6
8 19	19 49.60	−27 45.5	2.055	2.958	10.6	20.8
8 29	19 43.78	−27 41.9	2.126	2.943	13.6	21.0
512774 2016 UM_{64}			7 23.8	302°.74	1°.4/24.6	18
6 20	20 35.09	−13 54.2	1.874	2.740	13.5	20.8
6 30	20 30.58	−14 18.8	1.795	2.733	10.2	20.6
7 10	20 24.10	−14 54.6	1.739	2.726	6.4	20.4
7 20	20 16.23	−15 38.8	1.708	2.720	2.5	20.1
7 30	20 7.86	−16 27.6	1.703	2.713	2.8	20.1
8 9	19 59.98	−17 16.8	1.726	2.707	6.8	20.4
8 19	19 53.49	−18 2.7	1.773	2.701	10.6	20.6
8 29	19 49.13	−18 42.4	1.843	2.695	14.0	20.8
128785 2004 RE_{213}			7 23.8	292°.99	0°.2/23.7	18
6 20	20 38.98	−21 20.0	2.212	3.079	11.7	19.9
6 30	20 33.27	−21 6.3	2.116	3.057	8.7	19.6
7 10	20 25.64	−20 54.1	2.044	3.035	5.2	19.4
7 20	20 16.66	−20 41.5	1.999	3.013	1.5	19.1
7 30	20 7.17	−20 26.6	1.982	2.992	2.5	19.1
8 9	19 58.12	−20 8.3	1.993	2.970	6.4	19.4
8 19	19 50.37	−19 46.4	2.030	2.948	10.0	19.5
8 29	19 44.64	−19 21.2	2.091	2.926	13.2	19.7
480532 2015 MP_{20}			7 23.8	327°.63	5°.2/25.4	18
6 20	20 34.84	− 9 58.7	1.417	2.288	16.7	20.4
6 30	20 30.99	− 9 14.5	1.334	2.268	13.2	20.2
7 10	20 24.65	− 8 43.0	1.270	2.249	9.3	19.9
7 20	20 16.46	− 8 25.6	1.228	2.230	5.9	19.7
7 30	20 7.49	− 8 22.3	1.210	2.212	5.7	19.6
8 9	19 59.07	− 8 31.2	1.216	2.195	9.2	19.7
8 19	19 52.38	− 8 49.0	1.244	2.179	13.4	19.9
8 29	19 48.37	− 9 11.7	1.291	2.165	17.4	20.1
139232 2001 HO_{17}			7 23.8	120°.18	4°.1/25.7	17
6 20	20 38.49	− 9 11.9	1.563	2.419	16.2	20.3
6 30	20 33.27	− 9 3.8	1.496	2.423	12.6	20.0
7 10	20 25.77	− 9 10.9	1.450	2.427	8.6	19.8
7 20	20 16.72	− 9 32.5	1.428	2.431	5.0	19.6
7 30	20 7.19	−10 5.8	1.431	2.434	4.6	19.6
8 9	19 58.38	−10 46.7	1.459	2.438	8.0	19.8
8 19	19 51.30	−11 30.6	1.511	2.441	11.9	20.1
8 29	19 46.73	−12 13.5	1.585	2.444	15.5	20.3
387884 2004 TR_{43}			7 23.8	249°.45	1°.8/22.8	18
6 20	20 39.96	−23 31.2	2.036	2.907	12.3	22.3
6 30	20 34.21	−23 58.9	1.948	2.892	9.2	22.1
7 10	20 26.31	−24 29.3	1.885	2.876	5.6	21.8
7 20	20 16.89	−24 58.4	1.847	2.860	2.2	21.6
7 30	20 6.86	−25 22.0	1.837	2.843	3.5	21.6
8 9	19 57.31	−25 37.2	1.855	2.825	7.3	21.8
8 19	19 49.21	−25 42.8	1.898	2.808	11.0	22.0
8 29	19 43.37	−25 39.1	1.963	2.790	14.2	22.2
16628 1993 KF			7 23.8	258°.11	3°.3/21.5	18
6 20	20 36.62	−26 52.7	2.211	3.087	11.3	17.2
6 30	20 31.61	−27 52.5	2.137	3.081	8.4	17.0
7 10	20 24.68	−28 53.6	2.087	3.075	5.4	16.8
7 20	20 16.43	−29 50.9	2.063	3.069	3.3	16.6
7 30	20 7.68	−30 39.3	2.068	3.063	4.6	16.7
8 9	19 59.40	−31 15.5	2.099	3.057	7.5	16.9
8 19	19 52.45	−31 38.1	2.156	3.050	10.6	17.1
8 29	19 47.55	−31 47.5	2.234	3.044	13.3	17.2

237048 2008 SF_{126} 7 23.8 125°.83 6°.0/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.11	− 0 56.7	2.229	3.031	13.8	21.5
6 30	20 31.58	− 0 38.9	2.163	3.046	11.3	21.4
7 10	20 24.46	− 0 37.3	2.119	3.060	8.7	21.3
7 20	20 16.32	− 0 52.2	2.100	3.073	6.6	21.1
7 30	20 7.91	− 1 22.4	2.107	3.086	6.0	21.1
8 9	20 0.03	− 2 5.0	2.141	3.099	7.4	21.2
8 19	19 53.38	− 2 56.0	2.202	3.111	9.7	21.4
8 29	19 48.51	− 3 51.1	2.285	3.122	12.1	21.6

473043 2015 HM_{80} 7 23.8 242°.53 1°.4/23.1 18

6 20	20 38.79	−21 57.0	1.766	2.645	13.6	21.5
6 30	20 33.44	−22 23.4	1.696	2.643	10.0	21.3
7 10	20 25.86	−22 54.0	1.649	2.642	6.0	21.1
7 20	20 16.76	−23 24.5	1.626	2.640	2.0	20.8
7 30	20 7.18	−23 50.5	1.631	2.639	3.4	20.9
8 9	19 58.28	−24 8.9	1.662	2.637	7.6	21.2
8 19	19 51.05	−24 18.3	1.717	2.636	11.5	21.4
8 29	19 46.25	−24 18.6	1.794	2.634	14.8	21.6

115105 2003 SQ_{26} 7 23.8 263°.56 2°.4/24.9 18

6 20	20 38.46	−12 30.7	1.554	2.421	15.7	20.1
6 30	20 33.56	−12 45.5	1.470	2.406	12.1	19.9
7 10	20 26.16	−13 14.6	1.406	2.392	7.8	19.6
7 20	20 16.91	−13 55.8	1.366	2.377	3.4	19.3
7 30	20 6.86	−14 45.1	1.352	2.361	3.6	19.3
8 9	19 57.32	−15 37.5	1.363	2.346	8.1	19.5
8 19	19 49.47	−16 28.1	1.399	2.330	12.6	19.7
8 29	19 44.25	−17 13.2	1.455	2.314	16.7	19.9

60966 2000 JH_{80} 7 23.8 214°.75 3°.6/22.1 17

6 20	20 43.26	−25 48.9	1.557	2.438	14.9	20.2
6 30	20 37.21	−26 42.3	1.486	2.433	11.1	20.0
7 10	20 28.36	−27 38.3	1.436	2.427	7.0	19.7
7 20	20 17.51	−28 29.7	1.412	2.421	3.8	19.5
7 30	20 5.92	−29 9.8	1.413	2.414	5.4	19.6
8 9	19 55.10	−29 34.2	1.440	2.406	9.5	19.8
8 19	19 46.35	−29 42.0	1.491	2.398	13.6	20.1
8 29	19 40.59	−29 34.9	1.562	2.389	17.2	20.3

123683 2000 YF_{95} 7 23.8 339°.23 1°.3/24.3 18

6 20	20 36.39	−16 37.0	1.977	2.845	12.8	19.2
6 30	20 31.40	−16 23.1	1.900	2.840	9.6	19.0
7 10	20 24.52	−16 15.2	1.847	2.835	6.0	18.8
7 20	20 16.37	−16 11.8	1.819	2.831	2.2	18.5
7 30	20 7.83	−16 11.2	1.817	2.827	2.7	18.5
8 9	19 59.85	−16 11.6	1.843	2.823	6.5	18.8
8 19	19 53.27	−16 11.6	1.894	2.820	10.1	19.0
8 29	19 48.74	−16 9.9	1.968	2.817	13.3	19.2

384957 2012 TM_{144} 7 23.8 358°.44 1°.2/24.2 17

6 20	20 36.39	−17 18.9	1.423	2.309	15.8	19.9
6 30	20 31.99	−17 7.9	1.357	2.306	11.8	19.7
7 10	20 25.12	−17 4.7	1.312	2.305	7.3	19.4
7 20	20 16.58	−17 7.3	1.290	2.304	2.5	19.1
7 30	20 7.53	−17 12.9	1.293	2.303	3.2	19.2
8 9	19 59.29	−17 18.7	1.320	2.304	8.0	19.5
8 19	19 52.95	−17 22.6	1.370	2.306	12.5	19.7
8 29	19 49.31	−17 23.2	1.441	2.308	16.3	20.0

501900 2014 WJ_{437} 7 23.8 154°.15 1°.4/24.3 17

6 20	20 42.11	−16 48.5	1.496	2.369	15.9	21.2
6 30	20 36.09	−16 37.0	1.429	2.371	11.9	21.0
7 10	20 27.52	−16 33.3	1.384	2.373	7.4	20.7
7 20	20 17.24	−16 35.2	1.362	2.375	2.6	20.4
7 30	20 6.47	−16 39.9	1.367	2.377	3.3	20.5
8 9	19 56.56	−16 44.8	1.398	2.379	8.0	20.8
8 19	19 48.64	−16 48.1	1.452	2.380	12.5	21.0
8 29	19 43.51	−16 48.7	1.527	2.382	16.2	21.3

290094 2005 QJ_{104} 7 23.8 100°.21 0°.1/23.8 18

6 20	20 41.34	−19 42.8	1.599	2.474	14.9	20.5
6 30	20 35.35	−19 42.9	1.536	2.481	11.0	20.3
7 10	20 26.99	−19 48.0	1.495	2.487	6.6	20.1
7 20	20 17.08	−19 55.1	1.479	2.494	1.8	19.8
7 30	20 6.78	−20 0.9	1.490	2.500	3.0	19.9
8 9	19 57.35	−20 3.1	1.527	2.506	7.6	20.2
8 19	19 49.82	−20 0.6	1.588	2.512	11.8	20.4
8 29	19 44.92	−19 53.2	1.670	2.518	15.3	20.7

169102 2001 KW_{75} 7 23.8 37°.11 4°.6/26.5 16

6 20	20 34.54	− 6 29.2	1.662	2.512	15.7	19.6
6 30	20 30.23	− 6 36.3	1.599	2.520	12.3	19.4
7 10	20 23.90	− 7 1.2	1.557	2.529	8.7	19.2
7 20	20 16.24	− 7 42.6	1.539	2.537	5.4	19.0
7 30	20 8.18	− 8 37.3	1.545	2.546	4.8	19.0
8 9	20 0.78	− 9 40.0	1.577	2.556	7.6	19.2
8 19	19 54.92	−10 45.6	1.634	2.566	11.1	19.4
8 29	19 51.28	−11 48.9	1.713	2.576	14.3	19.6

69716 1998 HG_{105} 7 23.8 111°.70 1°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.07	−21 26.1	1.534	2.416	15.1	19.0
6 30	20 35.32	−22 18.7	1.478	2.426	11.1	18.8
7 10	20 27.06	−23 17.3	1.444	2.437	6.6	18.5
7 20	20 17.13	−24 15.6	1.434	2.447	2.4	18.3
7 30	20 6.74	−25 7.1	1.451	2.458	4.0	18.4
8 9	19 57.24	−25 47.4	1.494	2.467	8.4	18.7
8 19	19 49.72	−26 14.3	1.560	2.477	12.5	19.0
8 29	19 44.97	−26 28.2	1.647	2.486	16.0	19.2

190585 2000 SF_{339} 7 23.8 304°.19 10°.5/16.6 18

6 20	20 42.47	−40 6.4	1.549	2.426	15.2	19.7
6 30	20 37.68	−41 58.6	1.464	2.391	12.8	19.5
7 10	20 29.30	−43 45.6	1.400	2.355	11.0	19.3
7 20	20 17.96	−45 15.5	1.358	2.320	10.6	19.2
7 30	20 5.06	−46 16.4	1.341	2.284	12.3	19.2
8 9	19 52.58	−46 42.1	1.344	2.249	15.1	19.2
8 19	19 42.44	−46 32.4	1.368	2.214	18.4	19.4
8 29	19 36.14	−45 52.7	1.407	2.178	21.5	19.5

258963 2002 SA_{13} 7 23.8 260°.32 5°.7/23.3 15

6 20	20 58.55	−33 43.1	1.107	1.987	19.7	20.4
6 30	20 49.67	−33 17.5	1.033	1.976	15.3	20.1
7 10	20 36.31	−32 36.5	0.978	1.963	10.3	19.8
7 20	20 19.79	−31 31.3	0.945	1.951	6.2	19.5
7 30	20 2.42	−29 57.9	0.938	1.938	7.3	19.5
8 9	19 46.81	−28 0.6	0.954	1.925	12.3	19.8
8 19	19 34.90	−25 49.9	0.993	1.912	17.7	20.0
8 29	19 27.75	−23 37.0	1.051	1.899	22.4	20.3

206569 2003 UX_{280} 7 23.8 267°.49 3°.2/25.4 18

6 20	20 36.52	−10 23.3	1.971	2.821	13.6	20.6
6 30	20 31.61	−10 17.8	1.883	2.808	10.5	20.4
7 10	20 24.75	−10 24.0	1.817	2.794	7.1	20.2
7 20	20 16.50	−10 41.0	1.776	2.780	4.0	19.9
7 30	20 7.71	−11 6.9	1.761	2.766	3.8	19.9
8 9	19 59.32	−11 38.8	1.774	2.752	6.9	20.1
8 19	19 52.25	−12 13.3	1.812	2.738	10.5	20.2
8 29	19 47.22	−12 47.6	1.872	2.723	13.8	20.4

233818 2008 UA_{192} 7 23.8 256°.06 0°.6/23.5 18

6 20	20 37.46	−19 8.9	1.800	2.675	13.5	20.3
6 30	20 32.46	−19 42.6	1.727	2.672	10.0	20.1
7 10	20 25.30	−20 23.4	1.676	2.669	6.0	19.8
7 20	20 16.65	−21 7.3	1.651	2.666	1.7	19.5
7 30	20 7.50	−21 49.7	1.653	2.663	3.0	19.6
8 9	19 58.93	−22 26.5	1.682	2.659	7.3	19.9
8 19	19 51.93	−22 55.2	1.735	2.656	11.2	20.1
8 29	19 47.25	−23 14.6	1.810	2.653	14.6	20.3

487804 2015 SH_{6} 7 23.8 312°.98 5°.4/26.5 17

6 20	20 33.61	− 5 11.5	2.005	2.840	13.9	21.6
6 30	20 29.47	− 4 44.6	1.910	2.818	11.3	21.4
7 10	20 23.48	− 4 31.6	1.837	2.797	8.4	21.1
7 20	20 16.16	− 4 33.5	1.787	2.776	6.0	21.0
7 30	20 8.27	− 4 50.1	1.764	2.755	5.6	20.9
8 9	20 0.72	− 5 18.9	1.766	2.735	7.7	21.0
8 19	19 54.35	− 5 56.9	1.792	2.715	10.8	21.1
8 29	19 49.90	− 6 39.9	1.841	2.695	13.9	21.3

129159 2005 GS_{16} 7 23.8 272°.49 0°.1/23.8 18

6 20	20 37.46	−18 48.5	1.915	2.787	13.0	20.1
6 30	20 32.35	−19 2.8	1.837	2.780	9.6	19.9
7 10	20 25.19	−19 23.0	1.781	2.773	5.8	19.6
7 20	20 16.63	−19 46.3	1.751	2.765	1.6	19.3
7 30	20 7.58	−20 9.3	1.748	2.758	2.7	19.4
8 9	19 59.07	−20 29.0	1.772	2.751	6.8	19.7
8 19	19 52.02	−20 43.5	1.821	2.744	10.7	19.9
8 29	19 47.17	−20 51.8	1.893	2.737	14.0	20.1

287171 2002 RD_{254} 7 23.8 22°.11 8°.7/29.6 18

6 20	20 32.32	+ 2 58.4	1.472	2.293	18.8	20.4
6 30	20 28.80	+ 3 3.2	1.412	2.301	15.7	20.2
7 10	20 23.15	+ 2 39.8	1.370	2.310	12.6	20.0
7 20	20 16.07	+ 1 47.3	1.349	2.319	9.8	19.9
7 30	20 8.56	+ 0 28.4	1.350	2.329	8.7	19.9
8 9	20 1.74	− 1 10.4	1.375	2.340	9.9	20.0
8 19	19 56.55	− 3 0.2	1.424	2.352	12.6	20.2
8 29	19 53.72	− 4 52.1	1.494	2.365	15.6	20.4

450341 2004 TB_{202} 7 23.8 298°.51 2°.7/22.2 18

6 20	20 36.46	−26 15.1	2.187	3.063	11.4	21.2
6 30	20 31.55	−26 47.5	2.101	3.046	8.5	21.0
7 10	20 24.71	−27 20.7	2.039	3.029	5.3	20.8
7 20	20 16.51	−27 50.6	2.003	3.012	2.8	20.6
7 30	20 7.79	−28 13.4	1.995	2.996	4.0	20.6
8 9	19 59.52	−28 26.3	2.013	2.979	7.2	20.8
8 19	19 52.56	−28 28.5	2.057	2.962	10.5	21.0
8 29	19 47.65	−28 20.2	2.123	2.946	13.4	21.2

17405 1986 VQ_2 7 23.8 322°96 2°3/24.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.10	−16 44.0	1.117	2.014	18.3	17.2
6 30	20 33.37	−16 11.5	1.039	1.993	14.0	16.9
7 10	20 26.46	−15 47.2	0.980	1.973	8.9	16.5
7 20	20 17.13	−15 30.3	0.941	1.954	3.6	16.2
7 30	20 6.78	−15 19.0	0.925	1.935	4.2	16.1
8 9	19 57.14	−15 11.2	0.931	1.918	9.9	16.4
8 19	19 49.79	−15 4.7	0.957	1.902	15.5	16.7
8 29	19 45.90	−14 57.9	1.001	1.887	20.4	16.9

213468 2002 EU_8 7 23.8 146°47 2°0/22.7 17

6 20	20 43.06	−22 29.3	1.769	2.641	13.9	20.5
6 30	20 36.56	−23 19.4	1.708	2.652	10.2	20.3
7 10	20 27.73	−24 13.5	1.671	2.662	6.1	20.1
7 20	20 17.36	−25 6.0	1.659	2.672	2.4	19.9
7 30	20 6.55	−25 51.2	1.675	2.680	3.9	20.0
8 9	19 56.53	−26 25.5	1.718	2.688	7.9	20.3
8 19	19 48.33	−26 47.3	1.787	2.695	11.6	20.5
8 29	19 42.69	−26 57.1	1.877	2.702	14.9	20.8

440229 2004 PE_{104} 7 23.8 328°13 11°4/15.5 17

6 20	20 39.10	−44 29.6	1.633	2.502	14.9	20.3
6 30	20 34.95	−46 16.8	1.563	2.477	13.0	20.1
7 10	20 27.48	−47 52.6	1.514	2.452	11.7	20.0
7 20	20 17.44	−49 6.2	1.487	2.428	11.6	19.9
7 30	20 6.29	−49 48.5	1.482	2.404	12.9	19.9
8 9	19 55.86	−49 55.6	1.498	2.382	15.1	20.0
8 19	19 47.84	−49 29.1	1.532	2.360	17.6	20.1
8 29	19 43.42	−48 34.5	1.583	2.340	20.0	20.2

471948 2013 RC_{65} 7 23.8 288°80 0°1/23.8 18

6 20	20 37.17	−16 35.3	1.480	2.361	15.6	20.8
6 30	20 32.78	−17 21.5	1.401	2.349	11.7	20.5
7 10	20 25.81	−18 20.9	1.343	2.336	7.1	20.2
7 20	20 16.91	−19 28.8	1.309	2.323	2.0	19.9
7 30	20 7.21	−20 38.6	1.300	2.310	3.3	19.9
8 9	19 58.06	−21 43.7	1.317	2.298	8.4	20.2
8 19	19 50.70	−22 39.1	1.357	2.285	13.1	20.4
8 29	19 46.11	−23 22.2	1.417	2.273	17.2	20.6

255259 2005 VQ_6 7 23.8 243°84 2°0/24.9 18

6 20	20 36.14	−13 33.7	2.439	3.289	11.3	20.5
6 30	20 30.95	−13 23.7	2.354	3.281	8.6	20.3
7 10	20 24.19	−13 20.6	2.292	3.274	5.5	20.1
7 20	20 16.37	−13 23.5	2.257	3.266	2.6	19.9
7 30	20 8.18	−13 30.9	2.251	3.258	2.7	19.9
8 9	20 0.40	−13 41.0	2.272	3.250	5.7	20.1
8 19	19 53.71	−13 52.2	2.320	3.242	8.8	20.3
8 29	19 48.70	−14 2.7	2.392	3.233	11.5	20.4

174302 2002 TZ_{27} 7 23.8 302°67 2°8/25.2 18

6 20	20 35.51	−11 52.9	1.788	2.650	14.2	20.5
6 30	20 31.10	−11 49.9	1.699	2.632	11.0	20.2
7 10	20 24.58	−11 58.6	1.633	2.615	7.3	20.0
7 20	20 16.54	−12 18.0	1.591	2.598	3.7	19.7
7 30	20 7.86	−12 45.8	1.574	2.581	3.6	19.7
8 9	19 59.63	−13 18.6	1.584	2.565	7.3	19.9
8 19	19 52.80	−13 52.9	1.618	2.549	11.2	20.1
8 29	19 48.20	−14 25.7	1.674	2.533	14.8	20.3

376713 1995 WQ_5 7 23.8 326°85 12°6/12.2 18

6 20	20 31.48	−31 25.5	0.976	1.898	18.1	19.0
6 30	20 30.87	−35 21.4	0.885	1.847	14.8	18.6
7 10	20 26.26	−39 48.7	0.816	1.797	12.7	18.3
7 20	20 17.51	−44 25.8	0.770	1.747	13.7	18.1
7 30	20 5.51	−48 42.6	0.746	1.699	17.9	18.1
8 9	19 52.54	−52 12.3	0.741	1.652	23.2	18.2
8 19	19 41.78	−54 41.0	0.751	1.607	28.5	18.4
8 29	19 36.56	−56 9.4	0.772	1.565	33.1	18.5

125550 2001 XY_5 7 23.8 345°91 0°9/24.4 18

6 20	20 35.28	−13 16.1	1.468	2.345	15.9	19.0
6 30	20 31.26	−14 17.1	1.397	2.341	12.0	18.8
7 10	20 24.81	−15 35.2	1.348	2.339	7.4	18.5
7 20	20 16.62	−17 5.4	1.323	2.336	2.5	18.2
7 30	20 7.78	−18 40.3	1.323	2.334	3.1	18.3
8 9	19 59.55	−20 11.8	1.349	2.332	8.0	18.6
8 19	19 53.07	−21 33.6	1.399	2.331	12.6	18.8
8 29	19 49.22	−22 41.5	1.471	2.330	16.5	19.1

320411 2007 VL_1 7 23.8 229°37 2°4/24.6 17

6 20	20 41.69	−14 48.8	1.490	2.359	16.1	20.6
6 30	20 35.92	−14 30.5	1.416	2.355	12.3	20.4
7 10	20 27.55	−14 21.7	1.364	2.351	7.8	20.1
7 20	20 17.39	−14 21.0	1.335	2.346	3.4	19.8
7 30	20 6.61	−14 26.0	1.332	2.341	3.7	19.8
8 9	19 56.58	−14 34.1	1.355	2.336	8.2	20.1
8 19	19 48.47	−14 43.0	1.401	2.331	12.7	20.3
8 29	19 43.16	−14 50.6	1.468	2.325	16.6	20.6

365952 2012 BH_9 7 23.8 253°10 3°1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 33.41	− 7 57.7	2.471	3.307	11.6	21.3
6 30	20 28.95	− 8 10.8	2.386	3.300	9.1	21.1
7 10	20 23.02	− 8 35.7	2.324	3.294	6.3	20.9
7 20	20 16.07	− 9 11.3	2.287	3.287	3.8	20.7
7 30	20 8.75	− 9 55.4	2.279	3.281	3.4	20.7
8 9	20 1.77	−10 45.1	2.298	3.274	5.7	20.8
8 19	19 55.79	−11 36.8	2.344	3.268	8.6	21.0
8 29	19 51.38	−12 27.6	2.415	3.261	11.3	21.2

334381 2002 AP_{208} 7 23.8 204°34 2°5/22.7 18

6 20	20 41.82	−25 44.6	1.897	2.771	13.0	21.2
6 30	20 35.63	−26 5.3	1.825	2.769	9.6	21.0
7 10	20 27.20	−26 26.0	1.775	2.766	5.9	20.7
7 20	20 17.26	−26 42.5	1.752	2.763	2.7	20.5
7 30	20 6.86	−26 51.0	1.756	2.759	4.0	20.6
8 9	19 57.17	−26 49.2	1.786	2.755	7.7	20.8
8 19	19 49.17	−26 37.1	1.842	2.751	11.3	21.0
8 29	19 43.61	−26 16.0	1.920	2.747	14.5	21.2

245397 2005 GU_{172} 7 23.8 128°13 1°7/24.8 18

6 20	20 36.39	−13 28.8	2.005	2.864	13.0	21.1
6 30	20 31.39	−13 44.8	1.934	2.867	9.8	20.9
7 10	20 24.57	−14 10.6	1.886	2.871	6.2	20.6
7 20	20 16.51	−14 44.2	1.863	2.874	2.6	20.4
7 30	20 8.07	−15 22.2	1.868	2.877	2.7	20.4
8 9	20 0.18	−16 1.2	1.899	2.880	6.3	20.7
8 19	19 53.63	−16 38.1	1.957	2.882	9.9	20.9
8 29	19 49.08	−17 10.6	2.037	2.885	13.0	21.1

253906 2004 BE_{150} 7 23.8 126°58 1°1/23.3 17

6 20	20 41.43	−20 48.8	1.692	2.566	14.3	21.7
6 30	20 35.39	−21 21.2	1.632	2.577	10.5	21.5
7 10	20 27.06	−21 58.7	1.594	2.587	6.2	21.3
7 20	20 17.21	−22 36.6	1.582	2.596	1.9	21.0
7 30	20 6.97	−23 10.3	1.597	2.605	3.3	21.1
8 9	19 57.55	−23 36.2	1.639	2.614	7.6	21.4
8 19	19 49.94	−23 52.6	1.705	2.623	11.6	21.7
8 29	19 44.88	−23 59.5	1.793	2.631	14.9	21.9

302218 2001 UX_{217} 7 23.8 298°92 0°6/24.2 18

6 20	20 35.57	−16 32.4	1.958	2.828	12.8	20.9
6 30	20 30.96	−16 52.5	1.877	2.818	9.6	20.6
7 10	20 24.41	−17 20.8	1.819	2.809	5.9	20.4
7 20	20 16.50	−17 54.6	1.786	2.799	1.9	20.1
7 30	20 8.08	−18 30.5	1.780	2.790	2.5	20.2
8 9	20 0.14	−19 4.8	1.801	2.781	6.6	20.4
8 19	19 53.55	−19 34.9	1.847	2.772	10.4	20.6
8 29	19 49.04	−19 58.9	1.916	2.764	13.7	20.8

218292 2003 OQ_{28} 7 23.8 259°89 1°9/22.6 18

6 20	20 36.56	−24 59.6	2.515	3.384	10.3	20.0
6 30	20 31.35	−25 22.8	2.432	3.374	7.6	19.8
7 10	20 24.48	−25 46.8	2.374	3.364	4.7	19.6
7 20	20 16.49	−26 8.5	2.343	3.354	2.1	19.4
7 30	20 8.12	−26 24.9	2.340	3.344	3.2	19.5
8 9	20 0.17	−26 34.0	2.365	3.333	6.2	19.7
8 19	19 53.38	−26 34.9	2.417	3.323	9.1	19.8
8 29	19 48.35	−26 28.0	2.491	3.312	11.8	20.0

333471 2004 RH_{178} 7 23.8 354°20 3°4/23.2 17

6 20	20 41.84	−28 52.8	1.179	2.078	17.4	19.4
6 30	20 36.64	−28 27.8	1.116	2.072	13.1	19.1
7 10	20 28.19	−27 56.3	1.073	2.066	8.2	18.8
7 20	20 17.58	−27 13.8	1.051	2.063	3.9	18.5
7 30	20 6.45	−26 18.1	1.054	2.060	5.2	18.6
8 9	19 56.58	−25 10.4	1.079	2.059	10.1	18.9
8 19	19 49.35	−23 54.8	1.127	2.059	14.9	19.2
8 29	19 45.62	−22 35.6	1.193	2.060	19.0	19.4

287488 2003 BA_{17} 7 23.8 110°77 9°9/ 1.4 17

6 20	20 41.53	+12 25.9	1.484	2.236	21.7	20.2
6 30	20 35.77	+11 9.9	1.407	2.244	18.7	20.0
7 10	20 27.48	+ 9 9.8	1.347	2.252	15.3	19.8
7 20	20 17.39	+ 6 24.8	1.309	2.260	12.0	19.6
7 30	20 6.68	+ 3 1.1	1.297	2.267	10.0	19.5
8 9	19 56.67	− 0 47.1	1.314	2.275	10.7	19.6
8 19	19 48.53	− 4 42.1	1.359	2.282	13.6	19.7
8 29	19 43.14	− 8 27.3	1.431	2.289	16.9	20.0

13569 Oshu 7 23.8 77°28 4°8/21.5 18

6 20	20 41.69	−28 32.5	1.475	2.363	15.2	18.4
6 30	20 36.04	−29 33.9	1.422	2.371	11.4	18.1
7 10	20 27.64	−30 34.2	1.391	2.380	7.5	17.9
7 20	20 17.42	−31 25.6	1.384	2.389	4.9	17.8
7 30	20 6.71	−32 1.4	1.403	2.397	6.4	17.9
8 9	19 57.01	−32 18.2	1.446	2.406	10.0	18.2
8 19	19 49.52	−32 16.5	1.511	2.415	13.7	18.4
8 29	19 45.05	−31 59.0	1.597	2.423	17.0	18.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
86185 1999 RN_{230}			7 23.8 163°.63		3°.4/26.6 18	
	h m	° ′			°	m
6 20	20 33.93	− 5 40.9	2.593	3.415	11.5	19.0
6 30	20 29.23	− 6 5.6	2.513	3.418	9.1	18.9
7 10	20 23.14	− 6 43.3	2.457	3.421	6.4	18.7
7 20	20 16.12	− 7 32.7	2.428	3.423	4.1	18.6
7 30	20 8.78	− 8 31.3	2.426	3.425	3.6	18.5
8 9	20 1.80	− 9 35.6	2.453	3.427	5.6	18.7
8 19	19 55.79	−10 41.9	2.508	3.429	8.2	18.8
8 29	19 51.28	−11 46.7	2.588	3.430	10.7	19.0
316302 2010 RY_{61}			7 23.8 277°.58		4°.9/20.8 18	
6 20	20 39.05	−33 21.6	2.251	3.122	11.3	20.9
6 30	20 33.50	−34 5.8	2.176	3.112	8.8	20.7
7 10	20 25.91	−34 45.8	2.125	3.103	6.3	20.6
7 20	20 16.92	−35 16.4	2.100	3.093	4.9	20.5
7 30	20 7.47	−35 33.3	2.102	3.083	5.9	20.5
8 9	19 58.57	−35 34.6	2.131	3.073	8.4	20.7
8 19	19 51.16	−35 20.5	2.184	3.063	11.1	20.8
8 29	19 45.94	−34 53.0	2.258	3.053	13.6	21.0
177080 2003 FW_{49}			7 23.8 29°.59		6°.3/28.6 18	
6 20	20 32.67	+ 0 23.5	1.800	2.618	16.0	19.3
6 30	20 28.76	+ 0 2.1	1.735	2.628	13.1	19.2
7 10	20 23.04	− 0 42.2	1.690	2.638	10.0	19.0
7 20	20 16.11	− 1 48.6	1.669	2.649	7.3	18.9
7 30	20 8.82	− 3 13.7	1.672	2.660	6.3	18.8
8 9	20 2.09	− 4 51.2	1.702	2.672	7.9	18.9
8 19	19 56.74	− 6 34.3	1.756	2.684	10.7	19.1
8 29	19 53.39	− 8 16.1	1.835	2.697	13.6	19.4
472077 2013 YS_{96}			7 23.8 269°.95		2°.6/25.1 18	
6 20	20 37.24	−12 3.1	1.810	2.668	14.2	22.0
6 30	20 32.38	−12 8.8	1.722	2.654	10.9	21.8
7 10	20 25.37	−12 26.5	1.656	2.638	7.2	21.5
7 20	20 16.81	−12 54.7	1.615	2.623	3.5	21.3
7 30	20 7.61	−13 30.7	1.600	2.608	3.4	21.2
8 9	19 58.84	−14 10.7	1.611	2.592	7.2	21.4
8 19	19 51.50	−14 50.9	1.648	2.576	11.2	21.6
8 29	19 46.41	−15 28.2	1.707	2.560	14.8	21.8
481005 2004 PX_{82}			7 23.8 333°.32		2°.3/24.9 18	
6 20	20 36.30	−13 42.2	2.033	2.892	12.9	20.7
6 30	20 31.33	−13 23.8	1.956	2.888	9.8	20.5
7 10	20 24.54	−13 13.2	1.901	2.884	6.3	20.3
7 20	20 16.53	−13 9.7	1.871	2.880	3.1	20.1
7 30	20 8.13	−13 11.7	1.869	2.876	3.1	20.1
8 9	20 0.24	−13 17.4	1.894	2.873	6.4	20.3
8 19	19 53.69	−13 24.9	1.944	2.870	9.9	20.5
8 29	19 49.10	−13 32.5	2.017	2.867	13.0	20.7
30348 Marizzabailey			7 23.8 6°.62		0°.6/23.5 18	
6 20	20 36.50	−19 58.3	1.731	2.612	13.7	19.4
6 30	20 31.80	−20 19.0	1.664	2.612	10.1	19.1
7 10	20 24.95	−20 45.5	1.619	2.613	6.0	18.9
7 20	20 16.67	−21 14.1	1.599	2.614	1.7	18.6
7 30	20 7.94	−21 40.8	1.605	2.615	3.0	18.7
8 9	19 59.89	−22 2.3	1.638	2.617	7.3	19.0
8 19	19 53.46	−22 16.8	1.694	2.619	11.2	19.2
8 29	19 49.36	−22 23.4	1.772	2.622	14.6	19.5
214505 2005 YJ_{120}			7 23.8 259°.51		1°.3/24.4 17	
6 20	20 38.67	−15 47.8	1.797	2.664	13.9	20.9
6 30	20 33.43	−15 53.2	1.714	2.652	10.5	20.7
7 10	20 26.00	−16 7.2	1.652	2.640	6.6	20.4
7 20	20 16.99	−16 27.6	1.616	2.628	2.4	20.1
7 30	20 7.38	−16 51.3	1.606	2.616	2.9	20.1
8 9	19 58.28	−17 15.1	1.623	2.603	7.2	20.4
8 19	19 50.71	−17 36.4	1.664	2.591	11.3	20.6
8 29	19 45.46	−17 53.3	1.728	2.578	14.9	20.8
169805 2002 QO_{16}			7 23.8 340°.99		6°.0/26.8 18	
6 20	20 31.56	− 5 43.9	1.383	2.247	17.5	19.5
6 30	20 28.61	− 5 29.8	1.306	2.233	14.1	19.2
7 10	20 23.29	− 5 36.5	1.248	2.220	10.3	19.0
7 20	20 16.26	− 6 4.6	1.212	2.208	6.9	18.8
7 30	20 8.55	− 6 52.3	1.198	2.198	6.3	18.7
8 9	20 1.39	− 7 54.5	1.208	2.188	9.1	18.8
8 19	19 55.91	− 9 4.7	1.240	2.180	13.1	19.0
8 29	19 53.00	−10 16.0	1.292	2.173	16.9	19.2
255334 2005 WP_{45}			7 23.8 283°.73		0°.7/23.4 18	
6 20	20 35.90	−20 39.5	2.245	3.115	11.4	21.3
6 30	20 30.96	−21 2.8	2.169	3.112	8.4	21.1
7 10	20 24.30	−21 30.2	2.118	3.110	5.0	20.9
7 20	20 16.47	−21 58.7	2.093	3.107	1.5	20.7
7 30	20 8.27	−22 24.9	2.096	3.105	2.6	20.7
8 9	20 0.55	−22 46.4	2.127	3.102	6.1	21.0
8 19	19 54.09	−23 1.5	2.183	3.100	9.4	21.2
8 29	19 49.49	−23 9.6	2.262	3.097	12.3	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
86325 1999 WC_{6}			7 23.8 318°.22		0°.9/24.3 18	
	h m	° ′			°	m
6 20	20 34.18	−16 6.3	1.893	2.766	13.1	18.6
6 30	20 30.07	−16 22.1	1.805	2.747	9.8	18.3
7 10	20 23.97	−16 46.7	1.740	2.730	6.1	18.1
7 20	20 16.43	−17 17.9	1.699	2.712	2.1	17.8
7 30	20 8.31	−17 52.3	1.685	2.695	2.6	17.8
8 9	20 0.61	−18 26.2	1.697	2.678	6.8	18.0
8 19	19 54.24	−18 56.7	1.734	2.662	10.7	18.2
8 29	19 49.99	−19 21.6	1.792	2.647	14.2	18.4
319548 2006 RA_{105}			7 23.8 106°.34		5°.0/21.9 17	
6 20	20 44.89	−30 25.3	1.536	2.417	15.1	21.0
6 30	20 38.28	−31 6.4	1.483	2.427	11.4	20.8
7 10	20 28.92	−31 43.4	1.451	2.437	7.6	20.6
7 20	20 17.79	−32 9.3	1.444	2.446	5.1	20.5
7 30	20 6.26	−32 18.9	1.463	2.456	6.3	20.6
8 9	19 55.85	−32 10.4	1.506	2.465	9.8	20.8
8 19	19 47.72	−31 45.5	1.573	2.474	13.4	21.0
8 29	19 42.65	−31 7.8	1.660	2.482	16.6	21.3
290982 2005 XF_{45}			7 23.8 129°.96		0°.8/24.3 18	
6 20	20 36.50	−16 58.5	2.527	3.384	10.7	20.6
6 30	20 31.11	−16 59.3	2.456	3.390	8.0	20.5
7 10	20 24.25	−17 4.9	2.410	3.397	4.9	20.3
7 20	20 16.45	−17 13.7	2.390	3.403	1.6	20.1
7 30	20 8.39	−17 23.8	2.400	3.410	2.1	20.1
8 9	20 0.81	−17 33.4	2.438	3.416	5.3	20.3
8 19	19 54.35	−17 41.2	2.502	3.421	8.3	20.5
8 29	19 49.54	−17 46.3	2.591	3.427	10.9	20.7
318643 2005 LW_{49}			7 23.8 358°.60		3°.2/21.8 18	
6 20	20 37.16	−20 54.9	1.337	2.231	16.1	19.7
6 30	20 33.03	−22 39.8	1.275	2.230	11.9	19.5
7 10	20 26.08	−24 36.5	1.234	2.229	7.2	19.2
7 20	20 17.08	−26 35.3	1.217	2.229	3.3	19.0
7 30	20 7.28	−28 25.2	1.226	2.229	5.5	19.1
8 9	19 58.22	−29 57.1	1.259	2.229	10.1	19.4
8 19	19 51.21	−31 6.3	1.315	2.230	14.6	19.7
8 29	19 47.28	−31 52.2	1.391	2.231	18.3	19.9
83481 2001 SO_{88}			7 23.8 317°.84		0°.4/23.9 18	R
6 20	20 36.41	−17 53.2	1.853	2.727	13.3	20.0
6 30	20 31.67	−18 5.5	1.777	2.720	9.9	19.8
7 10	20 24.88	−18 24.7	1.722	2.713	6.0	19.5
7 20	20 16.68	−18 48.0	1.693	2.707	1.8	19.2
7 30	20 7.99	−19 12.2	1.691	2.701	2.6	19.3
8 9	19 59.86	−19 34.1	1.715	2.695	6.9	19.5
8 19	19 53.20	−19 51.6	1.764	2.690	10.8	19.8
8 29	19 48.74	−20 3.2	1.834	2.684	14.1	20.0
249496 2009 WR_{249}			7 23.8 233°.35		4°.7/22.2 18	
6 20	20 52.66	−35 13.3	2.381	3.225	11.7	20.7
6 30	20 43.38	−35 17.2	2.288	3.209	9.1	20.5
7 10	20 31.77	−35 12.2	2.221	3.192	6.5	20.3
7 20	20 18.59	−34 53.6	2.181	3.174	4.7	20.2
7 30	20 4.97	−34 18.3	2.172	3.156	5.5	20.2
8 9	19 52.13	−33 26.3	2.193	3.136	8.1	20.4
8 19	19 41.11	−32 20.3	2.241	3.116	11.0	20.5
8 29	19 32.66	−31 4.6	2.313	3.095	13.7	20.7
452500 2004 RW_{9}			7 23.8 315°.62		9°.4/23.6 16	
6 20	20 48.72	−11 47.7	0.955	1.835	22.1	20.1
6 30	20 42.33	− 9 5.8	0.885	1.823	17.8	19.8
7 10	20 32.02	− 6 25.6	0.835	1.812	13.1	19.5
7 20	20 18.82	− 3 56.3	0.806	1.801	9.8	19.2
7 30	20 4.52	− 1 48.6	0.799	1.791	10.4	19.2
8 9	19 51.33	− 0 10.3	0.814	1.781	14.5	19.4
8 19	19 41.10	+ 0 56.7	0.849	1.772	19.4	19.7
8 29	19 35.04	+ 1 36.0	0.899	1.764	23.9	19.9
248523 2005 WG_{88}			7 23.8 208°.06		0°.1/23.7 18	
6 20	20 35.31	−18 47.4	2.704	3.564	10.0	21.6
6 30	20 30.28	−19 10.2	2.622	3.560	7.4	21.4
7 10	20 23.80	−19 37.4	2.566	3.555	4.4	21.2
7 20	20 16.35	−20 6.8	2.537	3.551	1.2	20.9
7 30	20 8.57	−20 35.7	2.536	3.546	2.0	21.0
8 9	20 1.15	−21 1.7	2.565	3.541	5.2	21.2
8 19	19 54.74	−21 23.3	2.620	3.535	8.1	21.4
8 29	19 49.87	−21 39.3	2.700	3.530	10.7	21.6
311137 2004 RK_{138}			7 23.8 318°.15		1°.5/24.4 18	
6 20	20 38.58	−17 5.2	2.063	2.926	12.6	20.2
6 30	20 33.02	−16 36.0	1.982	2.918	9.4	20.0
7 10	20 25.57	−16 11.1	1.923	2.910	5.9	19.8
7 20	20 16.87	−15 49.7	1.891	2.903	2.3	19.6
7 30	20 7.76	−15 30.7	1.887	2.896	2.7	19.6
8 9	19 59.20	−15 13.3	1.910	2.889	6.4	19.8
8 19	19 52.01	−14 56.7	1.959	2.883	10.0	20.0
8 29	19 46.87	−14 40.4	2.031	2.876	13.1	20.2

282844 2006 UP_{203} 7 23.8 154°.01 9°.3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.01	+ 4 52.3	2.023	2.793	16.0	20.8
6 30	20 34.74	+ 6 0.7	1.954	2.801	13.8	20.7
7 10	20 26.58	+ 6 49.7	1.905	2.809	11.6	20.6
7 20	20 17.15	+ 7 16.2	1.880	2.816	9.9	20.5
7 30	20 7.32	+ 7 18.8	1.879	2.822	9.4	20.4
8 9	19 58.04	+ 6 59.2	1.903	2.828	10.3	20.5
8 19	19 50.15	+ 6 21.4	1.952	2.832	12.2	20.6
8 29	19 44.33	+ 5 30.8	2.022	2.837	14.3	20.8

70712 Danieljoanna 7 23.8 294°.92 7°.2/20.5 18

6 20	20 43.28	−36 19.5	1.716	2.591	14.1	20.0
6 30	20 37.44	−37 8.6	1.636	2.570	11.2	19.8
7 10	20 28.69	−37 50.4	1.578	2.550	8.5	19.6
7 20	20 17.83	−38 17.3	1.543	2.529	7.2	19.5
7 30	20 6.16	−38 22.8	1.534	2.508	8.3	19.5
8 9	19 55.25	−38 4.3	1.549	2.488	11.2	19.6
8 19	19 46.43	−37 23.6	1.587	2.467	14.5	19.8
8 29	19 40.71	−36 25.2	1.644	2.447	17.6	19.9

218890 2007 CT_{63} 7 23.8 94°.45 2°.7/25.8 17

6 20	20 34.57	− 9 4.6	2.417	3.256	11.7	20.6
6 30	20 29.73	− 9 22.1	2.352	3.270	9.0	20.4
7 10	20 23.45	− 9 50.8	2.311	3.284	6.1	20.3
7 20	20 16.25	−10 28.8	2.295	3.298	3.4	20.1
7 30	20 8.80	−11 13.5	2.308	3.312	3.1	20.1
8 9	20 1.81	−12 1.8	2.349	3.326	5.5	20.3
8 19	19 55.93	−12 50.5	2.416	3.340	8.4	20.5
8 29	19 51.65	−13 36.8	2.508	3.353	11.0	20.7

246626 2008 WO_{87} 7 23.8 89°.32 2°.9/22.5 17

6 20	20 41.48	−22 52.5	1.262	2.154	16.9	20.5
6 30	20 36.23	−23 49.4	1.205	2.159	12.5	20.2
7 10	20 27.96	−24 52.4	1.169	2.163	7.6	20.0
7 20	20 17.61	−25 53.9	1.156	2.168	3.2	19.7
7 30	20 6.62	−26 45.7	1.167	2.172	5.1	19.8
8 9	19 56.64	−27 22.3	1.203	2.177	9.9	20.1
8 19	19 49.05	−27 42.1	1.260	2.181	14.5	20.4
8 29	19 44.74	−27 46.1	1.337	2.186	18.4	20.7

330306 2006 TH_{92} 7 23.8 229°.60 3°.8/25.7 17

6 20	20 38.30	− 9 20.5	1.657	2.510	15.5	21.1
6 30	20 33.24	− 9 20.7	1.580	2.506	12.1	20.9
7 10	20 25.93	− 9 36.0	1.524	2.501	8.3	20.7
7 20	20 17.02	−10 5.3	1.491	2.495	4.7	20.5
7 30	20 7.52	−10 45.8	1.485	2.490	4.3	20.4
8 9	19 58.60	−11 33.2	1.505	2.484	7.8	20.6
8 19	19 51.27	−12 23.0	1.549	2.478	11.7	20.8
8 29	19 46.35	−13 10.9	1.614	2.472	15.4	21.1

511183 2013 YK_{107} 7 23.8 237°.85 0°.4/23.7 17

6 20	20 45.78	−23 7.6	1.854	2.720	13.6	20.7
6 30	20 38.46	−22 32.4	1.778	2.718	10.1	20.5
7 10	20 28.88	−21 56.1	1.725	2.715	6.1	20.2
7 20	20 17.81	−21 16.9	1.698	2.713	1.7	19.9
7 30	20 6.37	−20 33.7	1.700	2.710	2.9	20.0
8 9	19 55.76	−19 47.0	1.730	2.707	7.2	20.3
8 19	19 46.97	−18 58.1	1.787	2.704	11.1	20.5
8 29	19 40.72	−18 8.5	1.866	2.702	14.5	20.7

134260 2006 BG_{12} 7 23.8 51°.34 4°.8/25.4 17

6 20	20 41.28	−10 40.0	1.525	2.383	16.4	19.2
6 30	20 35.25	− 9 42.0	1.471	2.398	12.8	19.0
7 10	20 26.96	− 8 56.0	1.438	2.413	8.8	18.8
7 20	20 17.27	− 8 22.8	1.429	2.429	5.5	18.6
7 30	20 7.32	− 8 2.3	1.445	2.445	5.3	18.7
8 9	19 58.30	− 7 53.1	1.487	2.462	8.3	18.9
8 19	19 51.18	− 7 52.6	1.553	2.479	12.0	19.2
8 29	19 46.61	− 7 57.7	1.640	2.496	15.2	19.4

165397 2000 XN_{18} 7 23.8 202°.05 4°.4/21.5 18

6 20	20 45.39	−30 22.3	2.029	2.895	12.6	21.4
6 30	20 38.37	−31 11.0	1.953	2.890	9.6	21.2
7 10	20 28.96	−31 57.1	1.902	2.884	6.4	21.0
7 20	20 17.89	−32 34.8	1.877	2.877	4.5	20.9
7 30	20 6.24	−32 58.8	1.881	2.870	5.6	20.9
8 9	19 55.24	−33 6.6	1.911	2.861	8.7	21.1
8 19	19 45.99	−32 58.3	1.966	2.852	11.9	21.3
8 29	19 39.28	−32 36.4	2.044	2.842	14.8	21.4

253823 2003 YV_{60} 7 23.8 217°.52 0°.8/23.4 18

6 20	20 40.48	−19 15.6	1.810	2.680	13.7	20.9
6 30	20 34.84	−19 57.9	1.731	2.673	10.2	20.7
7 10	20 26.91	−20 48.0	1.674	2.666	6.1	20.4
7 20	20 17.33	−21 41.2	1.643	2.657	1.8	20.1
7 30	20 7.11	−22 32.4	1.640	2.649	3.1	20.2
8 9	19 57.42	−23 17.0	1.664	2.640	7.5	20.5
8 19	19 49.33	−23 51.9	1.713	2.630	11.6	20.7
8 29	19 43.66	−24 16.3	1.784	2.619	15.1	20.9

371562 2006 VF_{58} 7 23.8 237°.21 1°.5/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.66	−14 27.9	1.830	2.691	14.0	22.1
6 30	20 34.18	−14 40.3	1.744	2.679	10.6	21.8
7 10	20 26.49	−15 2.9	1.681	2.667	6.7	21.6
7 20	20 17.22	−15 33.4	1.643	2.654	2.6	21.3
7 30	20 7.29	−16 8.3	1.631	2.641	2.9	21.3
8 9	19 57.85	−16 44.0	1.647	2.627	7.1	21.5
8 19	19 49.89	−17 17.1	1.688	2.613	11.2	21.7
8 29	19 44.25	−17 45.5	1.752	2.599	14.8	21.9

69454 1996 TE_{28} 7 23.8 204°.23 1°.4/23.1 18

6 20	20 40.63	−20 35.8	1.607	2.485	14.7	19.5
6 30	20 35.15	−21 20.7	1.536	2.483	10.9	19.3
7 10	20 27.16	−22 12.8	1.487	2.480	6.5	19.0
7 20	20 17.41	−23 6.7	1.463	2.477	2.1	18.7
7 30	20 7.03	−23 56.3	1.466	2.474	3.7	18.8
8 9	19 57.33	−24 36.9	1.495	2.470	8.2	19.1
8 19	19 49.46	−25 5.8	1.548	2.466	12.5	19.4
8 29	19 44.29	−25 22.7	1.622	2.462	16.1	19.6

7804 Boesgaard 7 23.8 30°.43 3°.0/24.8 18

6 20	20 39.53	−14 39.2	1.228	2.112	17.9	16.6
6 30	20 34.51	−14 5.2	1.174	2.120	13.6	16.4
7 10	20 26.77	−13 42.1	1.141	2.129	8.7	16.1
7 20	20 17.27	−13 29.3	1.129	2.140	4.0	15.9
7 30	20 7.37	−13 24.8	1.142	2.150	4.2	15.9
8 9	19 58.54	−13 26.0	1.178	2.162	8.8	16.2
8 19	19 51.93	−13 30.1	1.236	2.174	13.3	16.5
8 29	19 48.31	−13 34.8	1.314	2.187	17.2	16.8

281542 2008 UL_{19} 7 23.8 32°.47 1°.4/24.5 16

6 20	20 37.37	−15 23.9	1.570	2.445	15.2	21.2
6 30	20 32.57	−15 32.6	1.507	2.450	11.4	20.9
7 10	20 25.50	−15 51.4	1.465	2.454	7.0	20.7
7 20	20 16.91	−16 17.7	1.447	2.459	2.6	20.4
7 30	20 7.88	−16 47.6	1.454	2.465	3.0	20.5
8 9	19 59.60	−17 17.3	1.487	2.470	7.4	20.8
8 19	19 53.06	−17 43.8	1.544	2.476	11.6	21.0
8 29	19 49.00	−18 4.9	1.623	2.482	15.2	21.3

65743 1993 TY_{19} 7 23.8 1°.47 6°.5/21.4 17

6 20	20 35.67	−29 3.1	0.950	1.869	18.8	18.2
6 30	20 32.76	−30 5.6	0.901	1.866	14.2	17.9
7 10	20 26.25	−31 7.1	0.870	1.864	9.5	17.7
7 20	20 17.21	−31 57.2	0.858	1.864	6.5	17.5
7 30	20 7.43	−32 26.3	0.868	1.866	8.4	17.6
8 9	19 58.95	−32 29.9	0.897	1.869	12.8	17.9
8 19	19 53.36	−32 9.3	0.945	1.873	17.4	18.2
8 29	19 51.62	−31 28.9	1.009	1.879	21.5	18.4

494314 2016 SG_{29} 7 23.8 333°.35 1°.6/23.1 18

6 20	20 36.79	−21 47.2	1.603	2.489	14.3	20.8
6 30	20 32.31	−22 20.7	1.532	2.483	10.6	20.6
7 10	20 25.46	−22 59.8	1.482	2.476	6.4	20.3
7 20	20 16.94	−23 39.6	1.456	2.470	2.2	20.0
7 30	20 7.82	−24 15.0	1.456	2.464	3.7	20.1
8 9	19 59.37	−24 42.0	1.482	2.459	8.1	20.4
8 19	19 52.66	−24 58.3	1.531	2.454	12.3	20.6
8 29	19 48.53	−25 3.8	1.601	2.450	15.9	20.8

128824 2004 RA_{308} 7 23.8 284°.56 5°.0/26.8 18

6 20	20 34.23	− 4 10.5	2.347	3.167	12.6	19.7
6 30	20 29.73	− 3 51.0	2.251	3.150	10.3	19.5
7 10	20 23.63	− 3 44.7	2.178	3.132	7.7	19.3
7 20	20 16.39	− 3 52.0	2.130	3.114	5.6	19.2
7 30	20 8.68	− 4 12.4	2.108	3.097	5.2	19.1
8 9	20 1.27	− 4 43.7	2.113	3.079	6.9	19.2
8 19	19 54.88	− 5 23.1	2.144	3.061	9.6	19.3
8 29	19 50.14	− 6 6.9	2.198	3.043	12.3	19.5

170153 2003 CY_{14} 7 23.8 74°.19 1°.5/22.9 18

6 20	20 37.75	−22 14.6	2.024	2.898	12.3	20.1
6 30	20 32.38	−22 49.8	1.969	2.914	9.0	19.9
7 10	20 25.17	−23 28.0	1.938	2.930	5.3	19.7
7 20	20 16.79	−24 5.2	1.933	2.946	1.9	19.5
7 30	20 8.14	−24 37.4	1.955	2.962	3.1	19.6
8 9	20 0.17	−25 2.0	2.005	2.978	6.7	19.9
8 19	19 53.67	−25 17.6	2.080	2.993	10.0	20.1
8 29	19 49.26	−25 24.1	2.177	3.009	12.8	20.3

480272 2015 HH_{87} 7 23.8 235°.77 0°.5/23.6 18

6 20	20 38.24	−18 51.5	1.859	2.730	13.3	21.5
6 30	20 33.10	−19 28.4	1.781	2.724	9.9	21.3
7 10	20 25.83	−20 12.8	1.726	2.718	5.9	21.0
7 20	20 17.04	−21 0.7	1.697	2.711	1.7	20.7
7 30	20 7.70	−21 47.4	1.695	2.705	2.9	20.8
8 9	19 58.88	−22 28.7	1.720	2.698	7.2	21.1
8 19	19 51.57	−23 1.8	1.770	2.690	11.1	21.3
8 29	19 46.53	−23 25.4	1.842	2.683	14.5	21.5

347043 2010 EU_{120} 7 23.8 99°.58 0°.5/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.80	−17 30.1	1.951	2.817	13.0	21.5
6 30	20 33.18	−17 43.2	1.890	2.829	9.7	21.3
7 10	20 25.67	−18 2.7	1.852	2.841	5.8	21.1
7 20	20 16.95	−18 25.7	1.840	2.854	1.8	20.8
7 30	20 7.93	−18 49.3	1.855	2.866	2.5	20.9
8 9	19 59.59	−19 10.4	1.898	2.877	6.4	21.2
8 19	19 52.74	−19 27.3	1.966	2.889	10.0	21.4
8 29	19 48.02	−19 38.9	2.057	2.900	13.1	21.6

332500 2008 FQ_{115} 7 23.8 201°.88 0°.6/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.13	−16 23.2	1.836	2.700	13.8	22.1
6 30	20 34.47	−16 49.1	1.758	2.697	10.3	21.8
7 10	20 26.64	−17 24.0	1.704	2.693	6.3	21.6
7 20	20 17.28	−18 4.6	1.675	2.689	2.0	21.3
7 30	20 7.37	−18 46.8	1.674	2.684	2.7	21.3
8 9	19 58.02	−19 26.3	1.699	2.679	7.1	21.6
8 19	19 50.21	−20 0.3	1.751	2.673	11.1	21.8
8 29	19 44.74	−20 27.1	1.824	2.666	14.5	22.1

66075 1998 RT_{51} 7 23.9 292°.27 1°.3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.64	−15 30.3	2.274	3.133	11.7	19.2
6 30	20 30.77	−15 28.9	2.192	3.126	8.8	19.0
7 10	20 24.24	−15 34.2	2.133	3.119	5.5	18.8
7 20	20 16.58	−15 44.5	2.101	3.112	2.1	18.5
7 30	20 8.53	−15 57.8	2.096	3.106	2.4	18.5
8 9	20 0.92	−16 12.1	2.119	3.099	5.8	18.7
8 19	19 54.48	−16 25.4	2.168	3.092	9.1	18.9
8 29	19 49.82	−16 36.3	2.241	3.086	12.1	19.1

293260 2007 CE_{19} 7 23.9 148°.42 1°.5/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.46	−22 27.7	1.808	2.682	13.6	21.9
6 30	20 35.41	−22 52.5	1.743	2.687	10.0	21.7
7 10	20 27.15	−23 20.4	1.701	2.693	6.0	21.5
7 20	20 17.41	−23 47.1	1.684	2.697	2.0	21.2
7 30	20 7.26	−24 8.7	1.695	2.702	3.4	21.3
8 9	19 57.85	−24 22.3	1.732	2.706	7.4	21.6
8 19	19 50.16	−24 26.8	1.794	2.710	11.2	21.8
8 29	19 44.92	−24 22.7	1.879	2.713	14.5	22.1

111108 2001 VG_{80} 7 23.9 207°.17 1°.0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.56	−20 32.5	2.164	3.029	12.0	20.1
6 30	20 33.84	−21 12.7	2.083	3.023	8.8	19.9
7 10	20 26.17	−21 58.0	2.026	3.017	5.3	19.7
7 20	20 17.15	−22 44.7	1.997	3.011	1.6	19.4
7 30	20 7.62	−23 28.4	1.996	3.003	2.9	19.5
8 9	19 58.54	−24 5.6	2.022	2.995	6.6	19.7
8 19	19 50.81	−24 34.1	2.076	2.987	10.1	19.9
8 29	19 45.11	−24 53.3	2.152	2.978	13.2	20.1

423944 2006 UX_{3} 7 23.9 199°.47 1°.6/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.14	−21 56.6	1.866	2.737	13.3	21.8
6 30	20 35.25	−22 35.0	1.791	2.734	9.8	21.6
7 10	20 27.12	−23 17.9	1.740	2.731	5.9	21.4
7 20	20 17.43	−24 0.8	1.714	2.727	2.1	21.1
7 30	20 7.19	−24 38.7	1.716	2.723	3.5	21.2
8 9	19 57.55	−25 8.0	1.746	2.718	7.5	21.4
8 19	19 49.52	−25 26.8	1.800	2.713	11.4	21.6
8 29	19 43.90	−25 35.2	1.876	2.707	14.6	21.9

519778 2013 ET_{157} 7 23.9 154°.28 2°.3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.37	−26 3.3	2.573	3.441	10.2	22.2
6 30	20 31.90	−26 36.8	2.504	3.445	7.5	22.0
7 10	20 24.83	−27 10.4	2.461	3.449	4.7	21.8
7 20	20 16.73	−27 40.6	2.445	3.453	2.4	21.7
7 30	20 8.33	−28 4.4	2.457	3.457	3.4	21.8
8 9	20 0.41	−28 19.6	2.497	3.461	6.2	22.0
8 19	19 53.68	−28 25.5	2.564	3.464	8.9	22.1
8 29	19 48.69	−28 22.6	2.654	3.467	11.3	22.3

160363 2003 YP_{107} 7 23.9 313°.10 2°.7/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.47	−26 29.6	1.524	2.410	14.9	18.6
6 30	20 36.31	−26 28.4	1.426	2.376	11.3	18.2
7 10	20 28.20	−26 25.5	1.350	2.342	7.1	17.9
7 20	20 17.84	−26 16.4	1.297	2.309	3.2	17.6
7 30	20 6.46	−25 56.7	1.270	2.276	4.6	17.6
8 9	19 55.57	−25 24.4	1.268	2.243	9.4	17.8
8 19	19 46.63	−24 40.3	1.288	2.211	14.1	18.0
8 29	19 40.75	−23 47.1	1.329	2.180	18.4	18.2

46611 1993 TH_{4} 7 23.9 283°.98 1°.5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.39	−22 41.9	1.890	2.767	12.9	18.8
6 30	20 33.24	−23 4.0	1.810	2.756	9.6	18.5
7 10	20 25.93	−23 29.3	1.753	2.745	5.8	18.3
7 20	20 17.11	−23 54.0	1.721	2.734	2.0	18.0
7 30	20 7.74	−24 14.2	1.716	2.723	3.3	18.1
8 9	19 58.91	−24 27.0	1.738	2.712	7.4	18.3
8 19	19 51.62	−24 31.1	1.784	2.702	11.2	18.5
8 29	19 46.63	−24 26.6	1.853	2.691	14.5	18.7

428492 2007 VP_{218} 7 23.9 310°.94 1°.5/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.99	−21 24.7	1.164	2.064	17.5	21.2
6 30	20 34.32	−21 42.5	1.077	2.035	13.2	20.9
7 10	20 27.32	−22 8.2	1.010	2.006	8.1	20.5
7 20	20 17.66	−22 36.7	0.964	1.978	2.5	20.1
7 30	20 6.69	−23 1.9	0.940	1.950	4.4	20.1
8 9	19 56.24	−23 18.2	0.939	1.923	10.5	20.4
8 19	19 48.03	−23 22.8	0.959	1.896	16.2	20.6
8 29	19 43.42	−23 15.4	0.995	1.871	21.3	20.8

302227 2001 VT_{93} 7 23.9 201°.03 1°.1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.41	−13 21.6	2.700	3.546	10.4	21.4
6 30	20 30.40	−13 55.6	2.615	3.542	7.9	21.2
7 10	20 23.95	−14 38.0	2.555	3.538	4.9	21.0
7 20	20 16.51	−15 26.6	2.522	3.533	2.0	20.8
7 30	20 8.71	−16 18.4	2.519	3.528	2.1	20.8
8 9	20 1.22	−17 10.2	2.544	3.523	5.1	21.0
8 19	19 54.70	−17 59.3	2.598	3.517	8.1	21.2
8 29	19 49.68	−18 43.6	2.676	3.510	10.7	21.3

187612 2007 AN_{6} 7 23.9 141°.70 0°.7/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 35.75	−19 24.0	2.635	3.497	10.2	20.5
6 30	20 30.66	−20 15.9	2.566	3.504	7.5	20.3
7 10	20 24.09	−21 12.8	2.521	3.512	4.4	20.1
7 20	20 16.55	−22 11.1	2.505	3.519	1.3	19.9
7 30	20 8.68	−23 7.2	2.518	3.526	2.4	20.0
8 9	20 1.21	−23 57.9	2.560	3.532	5.5	20.2
8 19	19 54.79	−24 40.8	2.629	3.539	8.3	20.4
8 29	19 49.97	−25 15.0	2.722	3.545	10.8	20.6

102223 1999 TE_{12} 7 23.9 197°.86 3°.8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.26	−28 53.3	2.182	3.053	11.6	20.3
6 30	20 34.43	−29 48.6	2.110	3.050	8.7	20.1
7 10	20 26.56	−30 43.1	2.063	3.048	5.8	20.0
7 20	20 17.28	−31 31.5	2.042	3.044	3.9	19.8
7 30	20 7.51	−32 8.8	2.050	3.041	5.0	19.9
8 9	19 58.28	−32 32.2	2.084	3.037	7.9	20.1
8 19	19 50.52	−32 41.1	2.143	3.032	10.9	20.2
8 29	19 44.95	−32 36.7	2.225	3.027	13.6	20.4

151503 2002 JA_{125} 7 23.9 82°.62 1°.2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 36.28	−15 22.7	2.288	3.145	11.7	20.3
6 30	20 31.10	−15 27.0	2.224	3.157	8.7	20.1
7 10	20 24.35	−15 38.0	2.184	3.170	5.4	19.9
7 20	20 16.61	−15 53.9	2.170	3.182	2.1	19.7
7 30	20 8.62	−16 12.4	2.184	3.194	2.3	19.8
8 9	20 1.17	−16 31.2	2.226	3.206	5.6	20.0
8 19	19 54.95	−16 48.4	2.295	3.218	8.8	20.2
8 29	19 50.49	−17 2.6	2.387	3.230	11.5	20.4

257472 1994 SX_{2} 7 23.9 87°.81 0°.3/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.31	−18 2.4	1.549	2.424	15.3	21.0
6 30	20 35.42	−18 18.0	1.495	2.439	11.3	20.8
7 10	20 27.17	−18 41.2	1.463	2.454	6.8	20.6
7 20	20 17.43	−19 8.1	1.456	2.470	2.0	20.3
7 30	20 7.36	−19 34.5	1.474	2.485	3.0	20.4
8 9	19 58.22	−19 57.0	1.519	2.500	7.6	20.7
8 19	19 51.00	−20 13.5	1.588	2.514	11.7	21.0
8 29	19 46.41	−20 23.1	1.678	2.529	15.2	21.3

294704 2008 BJ_{8} 7 23.9 148°.85 2°.1/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.80	−22 49.6	1.716	2.592	14.0	21.1
6 30	20 35.83	−23 36.8	1.653	2.598	10.3	20.9
7 10	20 27.48	−24 28.1	1.613	2.604	6.2	20.7
7 20	20 17.55	−25 17.8	1.598	2.610	2.5	20.5
7 30	20 7.13	−26 0.4	1.610	2.616	4.0	20.6
8 9	19 57.47	−26 31.9	1.649	2.620	8.0	20.8
8 19	19 49.62	−26 51.0	1.713	2.625	11.9	21.1
8 29	19 44.36	−26 58.0	1.798	2.629	15.2	21.3

144182 2004 BX_{115} 7 23.9 188°.77 2°.2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.83	−24 13.1	1.758	2.632	13.8	20.6
6 30	20 36.59	−24 40.2	1.687	2.632	10.2	20.4
7 10	20 27.95	−25 9.2	1.640	2.631	6.2	20.2
7 20	20 17.68	−25 35.3	1.618	2.630	2.6	19.9
7 30	20 6.90	−25 54.1	1.623	2.628	3.9	20.0
8 9	19 56.86	−26 2.6	1.654	2.626	8.0	20.3
8 19	19 48.64	−26 0.3	1.711	2.623	11.9	20.5
8 29	19 43.01	−25 48.3	1.789	2.620	15.2	20.7

427129 2014 UK_{101} 7 23.9 273°.38 4°.0/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.41	−25 15.1	1.390	2.279	15.9	21.8
6 30	20 36.43	−26 18.3	1.310	2.262	11.9	21.5
7 10	20 28.36	−27 27.1	1.252	2.245	7.5	21.2
7 20	20 17.91	−28 33.7	1.217	2.227	4.1	20.9
7 30	20 6.42	−29 29.3	1.208	2.209	6.0	21.0
8 9	19 55.53	−30 7.7	1.222	2.190	10.6	21.2
8 19	19 46.78	−30 26.5	1.259	2.172	15.2	21.4
8 29	19 41.31	−30 27.0	1.314	2.153	19.2	21.6

205720 2002 AX_{89} 7 23.9 47°.84 1°.2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 53.88	−22 57.4	1.087	1.970	19.8	18.2
6 30	20 44.98	−21 22.3	1.044	1.992	14.7	18.0
7 10	20 32.86	−19 45.5	1.021	2.013	8.8	17.8
7 20	20 18.96	−18 8.0	1.022	2.036	2.8	17.5
7 30	20 5.19	−16 33.2	1.049	2.059	3.9	17.6
8 9	19 53.36	−15 5.3	1.101	2.083	9.6	18.0
8 19	19 44.66	−13 47.4	1.176	2.107	14.5	18.4
8 29	19 39.67	−12 40.5	1.270	2.131	18.5	18.7

53592 2000 CH_{56} 7 23.9 159°.16 1°.6/23.1 17

6 20	20 42.32	−20 43.4	1.415	2.297	16.1	19.1
6 30	20 36.63	−21 29.0	1.352	2.301	11.9	18.9
7 10	20 28.17	−22 22.0	1.310	2.304	7.1	18.6
7 20	20 17.78	−23 16.4	1.292	2.306	2.3	18.3
7 30	20 6.77	−24 5.4	1.301	2.309	4.0	18.5
8 9	19 56.63	−24 43.8	1.334	2.311	8.9	18.7
8 19	19 48.61	−25 9.3	1.391	2.312	13.4	19.0
8 29	19 43.61	−25 21.9	1.467	2.313	17.2	19.3

397110 2005 VL_{31} 7 23.9 323°.91 3°.8/25.6 18

6 20	20 34.29	−10 3.1	1.800	2.658	14.3	20.3
6 30	20 30.24	− 9 44.9	1.713	2.641	11.2	20.1
7 10	20 24.16	− 9 38.8	1.647	2.624	7.7	19.8
7 20	20 16.64	− 9 44.7	1.605	2.608	4.6	19.6
7 30	20 8.53	−10 1.2	1.588	2.592	4.3	19.6
8 9	20 0.85	−10 25.7	1.597	2.577	7.4	19.7
8 19	19 54.53	−10 54.9	1.631	2.562	11.1	19.9
8 29	19 50.35	−11 25.4	1.686	2.548	14.6	20.1

36991 2000 SY_{360} 7 23.9 281°.53 1°.0/23.3 18

6 20	20 36.39	−20 43.0	2.096	2.968	12.0	19.9
6 30	20 31.54	−21 15.0	2.019	2.963	8.8	19.7
7 10	20 24.81	−21 51.9	1.966	2.958	5.3	19.5
7 20	20 16.80	−22 30.1	1.939	2.953	1.6	19.2
7 30	20 8.33	−23 5.7	1.939	2.947	2.8	19.3
8 9	20 0.36	−23 35.6	1.967	2.942	6.6	19.5
8 19	19 53.71	−23 57.6	2.020	2.937	10.1	19.7
8 29	19 49.06	−24 11.2	2.096	2.932	13.1	19.9

217126 2002 CH_{311} 7 23.9 16°.96 1°.4/24.7 18

6 20	20 33.14	−13 52.3	1.661	2.537	14.4	19.2
6 30	20 29.36	−14 22.8	1.601	2.543	10.8	19.0
7 10	20 23.57	−15 5.4	1.562	2.551	6.7	18.8
7 20	20 16.45	−15 56.8	1.547	2.559	2.5	18.6
7 30	20 8.93	−16 52.4	1.558	2.568	2.8	18.6
8 9	20 2.06	−17 47.1	1.595	2.578	6.9	18.9
8 19	19 56.72	−18 36.9	1.656	2.589	10.8	19.1
8 29	19 53.60	−19 18.9	1.738	2.601	14.2	19.4

308010 2004 RE_{185} 7 23.9 267°.49 1°.4/24.5 17

6 20	20 39.50	−16 8.8	1.787	2.653	14.0	20.7
6 30	20 34.11	−16 0.8	1.703	2.641	10.6	20.4
7 10	20 26.50	−16 0.2	1.641	2.629	6.6	20.2
7 20	20 17.31	−16 5.2	1.604	2.617	2.5	19.9
7 30	20 7.53	−16 13.5	1.595	2.604	2.9	19.9
8 9	19 58.28	−16 22.5	1.611	2.592	7.2	20.1
8 19	19 50.58	−16 30.4	1.653	2.579	11.3	20.3
8 29	19 45.24	−16 35.6	1.716	2.567	14.9	20.6

236606 2006 JA_{29} 7 23.9 196°.45 0°.6/23.5 16

6 20	20 38.03	−19 29.3	1.917	2.789	13.0	21.3
6 30	20 32.85	−20 2.2	1.845	2.788	9.6	21.1
7 10	20 25.65	−20 41.3	1.795	2.787	5.7	20.9
7 20	20 17.05	−21 22.9	1.772	2.786	1.6	20.6
7 30	20 7.97	−22 2.5	1.776	2.785	2.8	20.7
8 9	19 59.47	−22 36.6	1.807	2.784	6.9	20.9
8 19	19 52.45	−23 2.9	1.863	2.782	10.7	21.1
8 29	19 47.62	−23 20.4	1.941	2.781	13.9	21.4

134056 2004 XB_{37} 7 23.9 19°.58 2°.5/24.7 18

6 20	20 34.89	−14 51.6	0.901	1.810	20.5	18.6
6 30	20 31.78	−14 42.6	0.858	1.818	15.5	18.3
7 10	20 25.46	−14 49.5	0.832	1.827	9.7	18.0
7 20	20 17.02	−15 9.5	0.825	1.838	3.9	17.8
7 30	20 8.11	−15 37.6	0.840	1.851	4.2	17.8
8 9	20 0.48	−16 7.8	0.875	1.865	9.8	18.2
8 19	19 55.46	−16 35.3	0.929	1.880	15.0	18.5
8 29	19 53.87	−16 56.6	1.001	1.897	19.5	18.9

1394 Algoa 7 23.9 6°.84 1°.8/24.7 18

6 20	20 37.21	−14 21.4	1.371	2.252	16.6	14.9
6 30	20 32.80	−14 31.6	1.307	2.252	12.5	14.7
7 10	20 25.85	−14 54.8	1.263	2.252	7.9	14.4
7 20	20 17.13	−15 28.1	1.241	2.253	3.1	14.1
7 30	20 7.85	−16 7.1	1.244	2.255	3.4	14.2
8 9	19 59.35	−16 46.9	1.272	2.257	8.2	14.5
8 19	19 52.78	−17 23.3	1.323	2.259	12.8	14.7
8 29	19 48.99	−17 53.4	1.393	2.262	16.7	15.0

449647 2014 KK_{42} 7 23.9 0°.43 3°.6/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.28	−24 36.1	1.823	2.708	12.9	20.2
6 30	20 31.10	−26 12.5	1.757	2.707	9.5	20.0
7 10	20 24.73	−27 54.1	1.715	2.707	6.0	19.8
7 20	20 16.82	−29 33.3	1.700	2.706	3.7	19.7
7 30	20 8.31	−31 2.5	1.711	2.707	5.3	19.8
8 9	20 0.32	−32 15.9	1.749	2.708	8.7	20.0
8 19	19 53.87	−33 10.7	1.811	2.709	12.1	20.2
8 29	19 49.75	−33 46.6	1.894	2.711	15.1	20.4

300792 2007 VN_{321} 7 23.9 242°.63 0°.8/24.3 18

6 20	20 36.55	−15 43.9	2.102	2.965	12.4	21.1
6 30	20 31.63	−16 7.0	2.021	2.958	9.3	20.9
7 10	20 24.87	−16 38.5	1.963	2.951	5.7	20.7
7 20	20 16.83	−17 15.8	1.931	2.944	1.9	20.4
7 30	20 8.32	−17 55.4	1.927	2.937	2.4	20.4
8 9	20 0.25	−18 34.0	1.950	2.930	6.2	20.7
8 19	19 53.46	−19 8.6	2.000	2.923	9.8	20.9
8 29	19 48.61	−19 37.4	2.072	2.915	13.0	21.1

771 Libera 7 23.9 238°.08 7°.1/27.9 18 R

6 20	20 37.07	+ 1 54.3	2.359	3.143	13.6	15.6
6 30	20 31.85	+ 2 25.9	2.263	3.128	11.5	15.4
7 10	20 24.96	+ 2 41.3	2.189	3.112	9.4	15.3
7 20	20 16.86	+ 2 38.9	2.139	3.096	7.6	15.1
7 30	20 8.25	+ 2 18.4	2.114	3.079	7.1	15.1
8 9	19 59.93	+ 1 41.7	2.117	3.062	8.3	15.1
8 19	19 52.65	+ 0 52.0	2.144	3.044	10.4	15.2
8 29	19 47.07	− 0 6.2	2.196	3.025	12.8	15.4

75483 1999 XE_{173} 7 23.9 227°.43 4°.8/21.0 18

6 20	20 41.79	−28 38.1	1.731	2.611	13.8	19.4
6 30	20 36.15	−29 53.8	1.659	2.604	10.4	19.1
7 10	20 27.90	−31 10.4	1.610	2.596	7.0	18.9
7 20	20 17.75	−32 20.3	1.587	2.589	4.9	18.8
7 30	20 6.85	−33 16.1	1.590	2.580	6.3	18.9
8 9	19 56.59	−33 53.2	1.619	2.572	9.7	19.0
8 19	19 48.16	−34 10.6	1.671	2.563	13.3	19.2
8 29	19 42.51	−34 10.0	1.744	2.553	16.5	19.4

431022 2005 YM_{175} 7 23.9 313°.39 2°.6/22.4 18

6 20	20 36.77	−22 9.3	1.497	2.387	14.9	20.6
6 30	20 32.63	−23 13.7	1.422	2.375	11.1	20.3
7 10	20 25.87	−24 26.3	1.368	2.363	6.7	20.1
7 20	20 17.19	−25 40.5	1.339	2.351	2.9	19.8
7 30	20 7.72	−26 48.6	1.335	2.340	4.7	19.9
8 9	19 58.83	−27 44.2	1.356	2.329	9.2	20.1
8 19	19 51.78	−28 23.9	1.400	2.319	13.5	20.3
8 29	19 47.53	−28 47.0	1.464	2.309	17.3	20.6

125027 2001 TL_{189} 7 23.9 147°.93 1°.8/23.1 18

6 20	20 41.88	−23 40.9	1.774	2.649	13.7	19.8
6 30	20 35.80	−23 58.5	1.708	2.653	10.1	19.6
7 10	20 27.44	−24 17.9	1.665	2.657	6.1	19.4
7 20	20 17.57	−24 34.9	1.647	2.660	2.3	19.2
7 30	20 7.29	−24 45.7	1.656	2.663	3.6	19.3
8 9	19 57.78	−24 48.1	1.692	2.666	7.6	19.5
8 19	19 50.05	−24 41.5	1.753	2.669	11.4	19.8
8 29	19 44.82	−24 26.7	1.835	2.671	14.7	20.0

9527 1981 EH_{23} 7 23.9 231°.30 0°.3/24.0 18

6 20	20 40.22	−17 47.9	1.780	2.649	14.0	19.4
6 30	20 34.67	−18 3.5	1.700	2.641	10.4	19.1
7 10	20 26.86	−18 26.5	1.643	2.633	6.3	18.9
7 20	20 17.44	−18 53.8	1.611	2.625	1.9	18.6
7 30	20 7.43	−19 21.7	1.605	2.616	2.8	18.6
8 9	19 57.98	−19 46.8	1.627	2.607	7.3	18.9
8 19	19 50.13	−20 6.5	1.673	2.597	11.4	19.1
8 29	19 44.69	−20 19.7	1.742	2.587	15.0	19.3

108841 2001 OR_{89} 7 23.9 130°.99 7°.0/21.9 18

6 20	20 54.76	−39 41.3	1.913	2.761	14.0	19.1
6 30	20 45.15	−39 59.6	1.858	2.774	11.2	19.0
7 10	20 32.88	−40 4.6	1.827	2.787	8.5	18.8
7 20	20 19.04	−39 50.0	1.821	2.799	7.0	18.8
7 30	20 5.12	−39 12.8	1.843	2.811	7.7	18.8
8 9	19 52.60	−38 14.2	1.891	2.822	10.0	19.0
8 19	19 42.57	−36 59.0	1.965	2.832	12.7	19.2
8 29	19 35.68	−35 33.3	2.061	2.842	15.2	19.4

451342 2010 VT_{196} 7 23.9 316°.88 1°.7/24.7 18

6 20	20 36.88	−15 14.2	2.272	3.128	11.8	20.7
6 30	20 31.66	−14 57.2	2.193	3.125	8.9	20.5
7 10	20 24.78	−14 46.2	2.138	3.122	5.6	20.3
7 20	20 16.81	−14 40.1	2.109	3.119	2.4	20.1
7 30	20 8.49	−14 37.7	2.108	3.117	2.6	20.1
8 9	20 0.65	−14 37.3	2.135	3.114	5.9	20.3
8 19	19 54.02	−14 37.6	2.188	3.111	9.1	20.5
8 29	19 49.19	−14 37.4	2.264	3.109	12.0	20.7

102654 1999 VV_{53} 7 23.9 247°.75 2°.9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.76	−25 58.0	1.919	2.795	12.7	20.2
6 30	20 34.28	−26 36.5	1.843	2.788	9.5	20.0
7 10	20 26.59	−27 16.1	1.791	2.781	5.9	19.8
7 20	20 17.36	−27 51.9	1.764	2.773	3.1	19.6
7 30	20 7.59	−28 19.3	1.765	2.766	4.4	19.6
8 9	19 58.40	−28 35.0	1.792	2.758	7.9	19.8
8 19	19 50.81	−28 38.3	1.843	2.750	11.5	20.0
8 29	19 45.58	−28 30.1	1.916	2.742	14.6	20.2

192767 1999 TV_{319} 7 23.9 140°.28 0°.8/24.4 18 R

6 20	20 38.68	−16 1.8	2.136	2.994	12.4	21.2
6 30	20 33.04	−16 18.0	2.068	3.003	9.2	21.0
7 10	20 25.62	−16 41.4	2.024	3.011	5.6	20.8
7 20	20 17.05	−17 9.4	2.007	3.019	1.9	20.5
7 30	20 8.14	−17 39.1	2.017	3.027	2.4	20.6
8 9	19 59.80	−18 7.4	2.055	3.034	6.1	20.8
8 19	19 52.81	−18 32.2	2.120	3.041	9.5	21.1
8 29	19 47.77	−18 52.2	2.208	3.047	12.4	21.3

293193 2007 AA_{31} 7 23.9 282°.71 1°.6/24.6 18

6 20	20 38.35	−15 56.3	2.163	3.021	12.2	20.7
6 30	20 32.89	−15 34.6	2.076	3.010	9.2	20.5
7 10	20 25.60	−15 18.3	2.013	2.998	5.8	20.3
7 20	20 17.07	−15 6.3	1.976	2.987	2.4	20.0
7 30	20 8.09	−14 57.5	1.968	2.976	2.7	20.0
8 9	19 59.57	−14 50.5	1.986	2.965	6.2	20.2
8 19	19 52.34	−14 44.3	2.031	2.954	9.7	20.4
8 29	19 47.05	−14 37.7	2.099	2.943	12.8	20.6

349286 2007 TW_{371} 7 23.9 312°.56 1°.4/23.3 18

6 20	20 38.66	−22 30.3	1.730	2.610	13.7	21.0
6 30	20 33.59	−22 44.9	1.654	2.602	10.2	20.7
7 10	20 26.22	−23 2.9	1.601	2.594	6.1	20.5
7 20	20 17.27	−23 20.2	1.573	2.586	2.0	20.2
7 30	20 7.77	−23 33.2	1.571	2.579	3.4	20.3
8 9	19 58.92	−23 39.1	1.595	2.572	7.7	20.5
8 19	19 51.74	−23 36.8	1.643	2.565	11.7	20.7
8 29	19 47.03	−23 26.5	1.712	2.558	15.2	20.9

514378 2016 RJ_{27} 7 23.9 278°.85 1°.6/23.1 18

6 20	20 39.07	−23 7.4	1.878	2.755	13.0	21.9
6 30	20 33.80	−23 28.5	1.797	2.742	9.6	21.7
7 10	20 26.33	−23 52.4	1.738	2.730	5.8	21.4
7 20	20 17.31	−24 15.2	1.704	2.717	2.1	21.2
7 30	20 7.70	−24 33.1	1.698	2.705	3.4	21.2
8 9	19 58.65	−24 43.2	1.718	2.692	7.5	21.5
8 19	19 51.14	−24 44.2	1.763	2.680	11.3	21.7
8 29	19 45.97	−24 36.5	1.829	2.667	14.7	21.9

516832 2010 VT_{29} 7 23.9 257°.55 5°.9/19.7 18

6 20	20 39.89	−37 18.4	2.514	3.375	10.6	21.6
6 30	20 34.17	−38 15.7	2.438	3.362	8.5	21.5
7 10	20 26.44	−39 7.1	2.386	3.349	6.6	21.3
7 20	20 17.32	−39 47.2	2.361	3.336	5.9	21.2
7 30	20 7.69	−40 11.6	2.362	3.323	6.7	21.3
8 9	19 58.54	−40 18.4	2.390	3.309	8.7	21.4
8 19	19 50.78	−40 7.8	2.442	3.295	11.0	21.5
8 29	19 45.14	−39 42.1	2.515	3.282	13.1	21.7

193304 2000 SQ_{279} 7 23.9 339°.50 4°.2/21.4 18

6 20	20 33.41	−23 17.5	1.235	2.141	16.3	19.0
6 30	20 30.61	−24 50.9	1.167	2.127	12.1	18.7
7 10	20 24.90	−26 34.9	1.119	2.115	7.6	18.4
7 20	20 16.99	−28 20.0	1.093	2.103	4.2	18.2
7 30	20 8.15	−29 55.2	1.092	2.093	6.4	18.3
8 9	19 59.98	−31 11.4	1.113	2.084	11.0	18.5
8 19	19 53.93	−32 4.0	1.156	2.076	15.6	18.8
8 29	19 51.10	−32 32.8	1.216	2.069	19.6	19.0

474641 2004 WL_{8} 7 23.9 293°.95 6°.0/20.3 18

6 20	20 39.77	−31 0.1	1.658	2.543	14.0	21.1
6 30	20 34.99	−32 19.9	1.575	2.520	10.8	20.9
7 10	20 27.42	−33 40.2	1.515	2.498	7.7	20.6
7 20	20 17.70	−34 52.6	1.479	2.475	6.0	20.5
7 30	20 7.01	−35 48.8	1.469	2.452	7.6	20.5
8 9	19 56.79	−36 23.5	1.483	2.430	10.9	20.7
8 19	19 48.44	−36 35.2	1.519	2.407	14.6	20.8
8 29	19 43.03	−36 26.2	1.575	2.385	17.9	21.0

474531 2003 UJ_{365} 7 23.9 11°.23 5°.4/20.9 16

6 20	20 36.65	−28 18.7	1.385	2.284	15.4	20.3
6 30	20 32.64	−29 40.0	1.331	2.286	11.5	20.1
7 10	20 25.88	−31 1.8	1.299	2.289	7.7	19.9
7 20	20 17.20	−32 15.4	1.290	2.293	5.4	19.8
7 30	20 7.93	−33 12.6	1.305	2.297	7.1	19.9
8 9	19 59.54	−33 48.5	1.343	2.303	10.7	20.1
8 19	19 53.29	−34 2.4	1.404	2.309	14.4	20.4
8 29	19 50.03	−33 56.5	1.483	2.316	17.7	20.6

80738 2000 CW_{33} 7 23.9 203°.82 1°.1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.51	−21 13.3	1.839	2.710	13.5	19.5
6 30	20 35.56	−21 37.8	1.764	2.707	10.0	19.2
7 10	20 27.36	−22 6.9	1.712	2.703	6.0	19.0
7 20	20 17.60	−22 36.4	1.685	2.699	1.9	18.7
7 30	20 7.30	−23 2.3	1.685	2.694	3.2	18.8
8 9	19 57.62	−23 21.2	1.713	2.689	7.4	19.1
8 19	19 49.58	−23 31.8	1.766	2.683	11.3	19.3
8 29	19 43.96	−23 33.8	1.841	2.677	14.7	19.5

211843 2004 FT_{75} 7 23.9 273°.98 0°.1/23.9 18

6 20	20 37.20	−18 37.9	2.023	2.892	12.5	20.8
6 30	20 32.20	−18 53.3	1.944	2.885	9.3	20.6
7 10	20 25.26	−19 14.6	1.887	2.878	5.6	20.3
7 20	20 16.99	−19 38.9	1.856	2.871	1.6	20.0
7 30	20 8.25	−20 3.2	1.853	2.863	2.5	20.1
8 9	20 0.01	−20 24.5	1.877	2.856	6.5	20.3
8 19	19 53.13	−20 40.8	1.926	2.849	10.2	20.6
8 29	19 48.31	−20 51.0	1.998	2.841	13.4	20.7

256502 2007 ES_{88} 7 23.9 287°.78 1°.7/24.9 18

6 20	20 34.83	−13 25.2	2.187	3.044	12.1	20.8
6 30	20 30.34	−13 40.5	2.099	3.031	9.2	20.6
7 10	20 24.12	−14 5.3	2.035	3.019	5.9	20.4
7 20	20 16.67	−14 37.8	1.996	3.006	2.5	20.2
7 30	20 8.75	−15 15.3	1.985	2.994	2.6	20.1
8 9	20 1.19	−15 54.4	2.001	2.982	6.0	20.4
8 19	19 54.80	−16 32.2	2.043	2.969	9.5	20.5
8 29	19 50.22	−17 6.2	2.109	2.957	12.6	20.7

160064 1999 XG_{114} 7 23.9 326°.23 1°.9/23.4 18

6 20	20 41.94	−25 31.3	1.461	2.348	15.4	18.7
6 30	20 36.44	−25 10.9	1.382	2.333	11.6	18.5
7 10	20 28.14	−24 48.2	1.325	2.318	7.1	18.2
7 20	20 17.86	−24 19.9	1.291	2.304	2.6	17.8
7 30	20 6.92	−23 43.4	1.282	2.291	3.9	17.9
8 9	19 56.81	−22 58.4	1.299	2.278	8.8	18.2
8 19	19 48.80	−22 6.6	1.339	2.266	13.4	18.4
8 29	19 43.80	−21 10.5	1.399	2.255	17.4	18.6

513671 2011 VZ_{1} 7 23.9 237°.57 0°.9/24.4 18

6 20	20 37.50	−16 43.4	2.197	3.057	12.0	21.6
6 30	20 32.24	−16 45.8	2.116	3.052	9.0	21.4
7 10	20 25.21	−16 54.3	2.059	3.046	5.5	21.1
7 20	20 16.98	−17 6.9	2.028	3.040	1.9	20.9
7 30	20 8.33	−17 21.3	2.024	3.034	2.4	20.9
8 9	20 0.15	−17 35.3	2.049	3.028	6.0	21.1
8 19	19 53.23	−17 47.1	2.100	3.022	9.5	21.3
8 29	19 48.21	−17 55.5	2.174	3.016	12.5	21.5

58983 1998 RF_{66} 7 23.9 271°.54 0°.8/24.2 18

6 20	20 39.44	−16 48.0	1.632	2.505	14.8	20.0
6 30	20 34.38	−17 0.5	1.547	2.489	11.2	19.7
7 10	20 26.85	−17 22.2	1.482	2.473	6.9	19.4
7 20	20 17.52	−17 50.2	1.443	2.456	2.2	19.1
7 30	20 7.42	−18 20.7	1.429	2.440	3.0	19.1
8 9	19 57.83	−18 49.7	1.441	2.423	7.8	19.4
8 19	19 49.90	−19 14.1	1.478	2.406	12.3	19.6
8 29	19 44.55	−19 32.2	1.535	2.389	16.2	19.8

311966 2007 DG_{97} 7 23.9 161°.57 5°.2/20.4 18

6 20	20 41.87	−38 21.9	2.850	3.700	9.8	21.6
6 30	20 35.22	−38 58.2	2.788	3.705	7.8	21.4
7 10	20 26.86	−39 27.1	2.751	3.710	6.1	21.3
7 20	20 17.42	−39 44.4	2.740	3.714	5.2	21.3
7 30	20 7.71	−39 47.4	2.758	3.717	5.9	21.3
8 9	19 58.62	−39 35.2	2.802	3.721	7.6	21.4
8 19	19 50.89	−39 8.9	2.872	3.724	9.6	21.6
8 29	19 45.08	−38 30.8	2.964	3.726	11.4	21.7

136057 2002 XZ_{49} 7 23.9 321°.66 0°.7/23.5 18 R

6 20	20 37.19	−20 27.4	1.832	2.709	13.2	19.8
6 30	20 32.37	−20 47.0	1.757	2.703	9.8	19.6
7 10	20 25.45	−21 11.7	1.705	2.698	5.9	19.4
7 20	20 17.07	−21 38.0	1.678	2.692	1.7	19.1
7 30	20 8.20	−22 2.3	1.678	2.687	2.9	19.2
8 9	19 59.91	−22 21.3	1.704	2.682	7.1	19.4
8 19	19 53.15	−22 33.2	1.754	2.678	11.0	19.6
8 29	19 48.65	−22 37.5	1.827	2.673	14.3	19.9

378126 2006 VO_{9} 7 23.9 271°.64 1°.3/24.5 18

6 20	20 39.98	−15 36.9	1.646	2.515	14.9	21.7
6 30	20 34.82	−15 43.5	1.555	2.494	11.3	21.4
7 10	20 27.17	−16 0.0	1.485	2.473	7.1	21.1
7 20	20 17.63	−16 24.2	1.439	2.452	2.6	20.8
7 30	20 7.26	−16 52.6	1.419	2.430	3.1	20.8
8 9	19 57.31	−17 21.3	1.426	2.407	7.9	21.0
8 19	19 48.98	−17 47.2	1.457	2.385	12.4	21.2
8 29	19 43.23	−18 8.0	1.509	2.362	16.4	21.4

308651 2006 BL_{45} 7 23.9 74°.92 2°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 39.86	−12 37.5	1.275	2.152	17.9	21.0
6 30	20 34.81	−13 3.6	1.222	2.164	13.5	20.8
7 10	20 27.08	−13 46.0	1.188	2.176	8.5	20.5
7 20	20 17.56	−14 40.6	1.177	2.188	3.5	20.3
7 30	20 7.56	−15 41.4	1.190	2.200	3.6	20.3
8 9	19 58.53	−16 41.9	1.228	2.212	8.4	20.7
8 19	19 51.63	−17 36.7	1.289	2.224	13.1	21.0
8 29	19 47.68	−18 22.4	1.370	2.237	17.0	21.2

346570 2008 VB_{23} 7 23.9 245°.86 1°.6/22.9 18

6 20	20 39.54	−22 48.5	2.338	3.203	11.2	21.9
6 30	20 33.87	−23 23.3	2.245	3.185	8.3	21.6
7 10	20 26.29	−24 1.3	2.176	3.166	5.0	21.4
7 20	20 17.34	−24 39.1	2.134	3.146	1.9	21.2
7 30	20 7.81	−25 12.6	2.120	3.126	3.1	21.2
8 9	19 58.62	−25 38.8	2.135	3.105	6.6	21.4
8 19	19 50.65	−25 56.1	2.177	3.083	9.9	21.6
8 29	19 44.61	−26 4.2	2.241	3.061	12.9	21.7

152174 2005 OW_{22} 7 23.9 293°.68 0°.1/23.9 17

6 20	20 38.76	−18 22.3	1.509	2.390	15.3	20.4
6 30	20 34.12	−18 37.1	1.423	2.370	11.5	20.1
7 10	20 26.84	−19 0.5	1.357	2.350	7.1	19.8
7 20	20 17.57	−19 29.2	1.315	2.329	2.1	19.5
7 30	20 7.42	−19 58.8	1.298	2.309	3.2	19.5
8 9	19 57.79	−20 24.9	1.306	2.288	8.4	19.8
8 19	19 49.92	−20 44.6	1.338	2.268	13.1	20.0
8 29	19 44.84	−20 56.4	1.390	2.248	17.3	20.2

36840 2000 SH_{112} 7 23.9 278°.43 3°.0/25.4 18

6 20	20 37.26	−11 10.7	1.725	2.584	14.8	19.0
6 30	20 32.52	−11 10.8	1.644	2.575	11.4	18.7
7 10	20 25.61	−11 23.9	1.585	2.566	7.6	18.5
7 20	20 17.16	−11 48.6	1.550	2.557	3.9	18.3
7 30	20 8.12	−12 22.3	1.541	2.548	3.7	18.2
8 9	19 59.59	−13 1.2	1.558	2.539	7.4	18.4
8 19	19 52.56	−13 41.3	1.599	2.530	11.4	18.6
8 29	19 47.84	−14 19.3	1.663	2.521	14.9	18.8

123185 2000 UJ_{7} 7 23.9 300°.64 1°.0/23.4 18

6 20	20 36.61	−20 47.2	1.984	2.859	12.5	20.2
6 30	20 32.03	−21 14.4	1.888	2.833	9.3	20.0
7 10	20 25.34	−21 47.4	1.814	2.806	5.6	19.7
7 20	20 17.11	−22 22.4	1.766	2.780	1.7	19.4
7 30	20 8.17	−22 55.7	1.745	2.753	3.0	19.4
8 9	19 59.57	−23 23.4	1.751	2.727	7.1	19.6
8 19	19 52.29	−23 43.3	1.781	2.701	11.0	19.8
8 29	19 47.17	−23 54.4	1.834	2.675	14.5	20.0

210530 1999 CD_{135} 7 23.9 239°.91 2°.9/22.9 17

6 20	20 44.52	−25 42.4	1.429	2.313	15.9	21.2
6 30	20 38.42	−26 0.9	1.359	2.308	11.9	20.9
7 10	20 29.36	−26 19.9	1.310	2.302	7.3	20.6
7 20	20 18.25	−26 33.7	1.285	2.297	3.3	20.4
7 30	20 6.47	−26 37.3	1.286	2.291	4.8	20.5
8 9	19 55.62	−26 28.0	1.312	2.285	9.4	20.7
8 19	19 47.01	−26 6.3	1.361	2.279	13.8	21.0
8 29	19 41.58	−25 34.7	1.429	2.273	17.7	21.2

24529 Urbach 7 23.9 212°.11 2°.6/25.3 18

6 20	20 39.32	−11 19.0	1.664	2.522	15.3	19.5
6 30	20 34.11	−11 36.9	1.587	2.518	11.7	19.2
7 10	20 26.60	−12 9.2	1.531	2.514	7.7	19.0
7 20	20 17.45	−12 53.6	1.500	2.509	3.6	18.7
7 30	20 7.70	−13 46.2	1.495	2.504	3.5	18.7
8 9	19 58.50	−14 41.9	1.517	2.498	7.5	18.9
8 19	19 50.93	−15 36.1	1.563	2.493	11.7	19.2
8 29	19 45.79	−16 25.2	1.632	2.486	15.4	19.4

42546 1996 GF_{1} 7 23.9 148°.14 0°.2/23.8 18

6 20	20 41.11	−17 46.9	1.446	2.324	16.0	18.0
6 30	20 35.68	−18 20.2	1.381	2.328	11.9	17.8
7 10	20 27.62	−19 3.4	1.338	2.331	7.2	17.5
7 20	20 17.75	−19 51.6	1.319	2.334	2.0	17.2
7 30	20 7.29	−20 39.2	1.326	2.336	3.2	17.3
8 9	19 57.64	−21 21.0	1.358	2.339	8.3	17.6
8 19	19 49.99	−21 53.7	1.414	2.341	12.8	17.9
8 29	19 45.20	−22 16.2	1.490	2.343	16.6	18.1

363179 2001 TK_{149} 7 23.9 307°.78 7°.1/20.4 17

6 20	20 39.38	−29 42.8	1.154	2.058	17.3	20.3
6 30	20 35.62	−31 10.5	1.082	2.038	13.3	20.0
7 10	20 28.26	−32 41.4	1.030	2.019	9.3	19.7
7 20	20 18.08	−34 4.1	0.999	2.000	7.1	19.5
7 30	20 6.61	−35 6.5	0.990	1.981	9.1	19.6
8 9	19 55.89	−35 41.0	1.003	1.963	13.4	19.7
8 19	19 47.75	−35 46.2	1.036	1.945	18.0	20.0
8 29	19 43.54	−35 25.6	1.085	1.928	22.1	20.2

38035 1998 QC_{85} 7 23.9 35°.80 2°.8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.36	−28 41.3	1.963	2.836	12.7	18.3
6 30	20 35.90	−28 33.7	1.902	2.843	9.4	18.1
7 10	20 27.38	−28 22.4	1.864	2.852	5.9	17.9
7 20	20 17.61	−28 4.1	1.852	2.860	3.1	17.7
7 30	20 7.62	−27 36.7	1.867	2.869	4.0	17.8
8 9	19 58.49	−27 0.1	1.910	2.879	7.3	18.0
8 19	19 51.11	−26 15.8	1.978	2.888	10.6	18.3
8 29	19 46.07	−25 26.0	2.069	2.898	13.5	18.5

442093 2010 TR_{28} 7 23.9 258°.14 3°.5/26.2 15

6 20	20 35.11	− 7 26.5	2.571	3.399	11.4	22.5
6 30	20 30.34	− 7 22.8	2.473	3.382	9.1	22.3
7 10	20 24.05	− 7 29.9	2.399	3.364	6.4	22.1
7 20	20 16.70	− 7 47.5	2.350	3.346	4.1	21.9
7 30	20 8.91	− 8 14.3	2.329	3.327	3.8	21.9
8 9	20 1.38	− 8 48.1	2.336	3.309	5.9	22.0
8 19	19 54.80	− 9 26.0	2.370	3.290	8.7	22.2
8 29	19 49.74	−10 5.4	2.428	3.270	11.4	22.3

87234 2000 OX_{43} 7 23.9 299°.23 1°.3/23.5 18

6 20	20 43.31	−24 8.4	1.570	2.449	14.9	18.5
6 30	20 37.42	−23 51.5	1.482	2.429	11.2	18.2
7 10	20 28.77	−23 33.9	1.415	2.408	6.9	17.9
7 20	20 18.12	−23 12.2	1.374	2.387	2.2	17.5
7 30	20 6.68	−22 43.8	1.358	2.367	3.6	17.6
8 9	19 55.92	−22 7.7	1.368	2.346	8.5	17.8
8 19	19 47.10	−21 25.0	1.402	2.326	13.1	18.0
8 29	19 41.20	−20 37.6	1.457	2.307	17.1	18.2

349305 2007 UN_{31} 7 23.9 255°.58 5°.5/27.5 18

6 20	20 35.63	− 2 2.0	2.225	3.036	13.5	21.3
6 30	20 30.94	− 1 59.2	2.130	3.020	11.1	21.1
7 10	20 24.52	− 2 12.7	2.056	3.004	8.5	20.9
7 20	20 16.86	− 2 43.2	2.007	2.988	6.2	20.8
7 30	20 8.66	− 3 29.3	1.984	2.971	5.6	20.7
8 9	20 0.77	− 4 27.8	1.988	2.954	7.3	20.8
8 19	19 53.95	− 5 34.6	2.018	2.936	10.0	20.9
8 29	19 48.89	− 6 44.8	2.072	2.918	12.9	21.1

478920 2012 XO_{3} 7 23.9 262°.83 5°.8/26.6 18

6 20	20 37.38	− 4 15.9	2.048	2.871	14.1	21.3
6 30	20 32.33	− 3 40.3	1.958	2.857	11.5	21.1
7 10	20 25.39	− 3 18.4	1.889	2.843	8.7	20.9
7 20	20 17.11	− 3 11.5	1.845	2.829	6.4	20.8
7 30	20 8.29	− 3 19.6	1.828	2.815	6.0	20.7
8 9	19 59.84	− 3 40.8	1.836	2.800	7.9	20.8
8 19	19 52.61	− 4 12.1	1.869	2.785	10.8	21.0
8 29	19 47.33	− 4 49.6	1.926	2.770	13.8	21.1

186343 2002 EA_{80} 7 23.9 109°.08 1°.3/24.8 18

6 20	20 35.39	−13 46.3	2.346	3.200	11.5	20.9
6 30	20 30.54	−14 11.5	2.277	3.208	8.7	20.7
7 10	20 24.13	−14 45.2	2.232	3.217	5.4	20.5
7 20	20 16.72	−15 25.2	2.213	3.225	2.2	20.3
7 30	20 8.99	−16 8.3	2.223	3.233	2.3	20.3
8 9	20 1.73	−16 51.4	2.261	3.240	5.5	20.6
8 19	19 55.61	−17 31.7	2.325	3.248	8.7	20.8
8 29	19 51.18	−18 7.2	2.413	3.256	11.4	21.0

198320 2004 TY_{346} 7 23.9 239°.73 0°.6/23.6 18

6 20	20 39.96	−20 19.6	2.031	2.898	12.5	21.2
6 30	20 34.32	−20 37.2	1.946	2.887	9.3	21.0
7 10	20 26.63	−20 59.3	1.884	2.875	5.6	20.7
7 20	20 17.48	−21 23.0	1.849	2.863	1.6	20.4
7 30	20 7.77	−21 44.6	1.841	2.850	2.7	20.5
8 9	19 58.55	−22 1.3	1.861	2.837	6.8	20.7
8 19	19 50.73	−22 11.6	1.906	2.824	10.6	20.9
8 29	19 45.09	−22 14.9	1.974	2.810	13.8	21.1

487595 2015 KU_{107} 7 23.9 332°.86 8°.0/18.0 17

6 20	20 33.07	−30 27.6	1.309	2.215	15.5	19.9
6 30	20 30.68	−32 42.7	1.232	2.188	12.1	19.6
7 10	20 25.21	−35 4.5	1.177	2.162	9.1	19.3
7 20	20 17.24	−37 20.4	1.145	2.137	8.1	19.2
7 30	20 8.00	−39 16.5	1.137	2.114	10.2	19.3
8 9	19 59.19	−40 42.9	1.151	2.092	14.0	19.4
8 19	19 52.50	−41 35.5	1.185	2.071	17.9	19.6
8 29	19 49.28	−41 55.7	1.235	2.052	21.5	19.8

136791 1997 AF_{8} 7 23.9 103°.84 0°.6/24.3 18

6 20	20 37.66	−16 45.9	2.468	3.323	11.0	21.1
6 30	20 32.05	−16 57.6	2.408	3.342	8.1	20.9
7 10	20 24.95	−17 14.7	2.373	3.360	5.0	20.7
7 20	20 16.94	−17 35.0	2.366	3.379	1.6	20.5
7 30	20 8.73	−17 56.2	2.387	3.397	2.1	20.6
8 9	20 1.07	−18 16.0	2.436	3.414	5.3	20.8
8 19	19 54.58	−18 32.9	2.512	3.431	8.3	21.1
8 29	19 49.79	−18 45.9	2.613	3.448	10.8	21.3

207779 2007 TZ_{84} 7 23.9 85°.15 15°.7/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.91	+16 17.5	1.558	2.278	22.0	19.6
6 30	20 35.91	+18 7.1	1.515	2.299	20.0	19.5
7 10	20 27.58	+19 23.3	1.488	2.321	18.0	19.4
7 20	20 17.74	+20 0.2	1.478	2.342	16.5	19.4
7 30	20 7.50	+19 55.4	1.487	2.363	15.7	19.4
8 9	19 58.12	+19 11.8	1.515	2.383	15.9	19.5
8 19	19 50.60	+17 56.5	1.563	2.403	16.8	19.6
8 29	19 45.67	+16 19.3	1.630	2.423	18.1	19.7

14114 Randyray 7 23.9 295°.75 1°.0/24.4 18

6 20	20 37.61	−15 39.5	1.457	2.337	15.9	19.0
6 30	20 33.35	−16 1.7	1.371	2.316	12.0	18.7
7 10	20 26.44	−16 36.5	1.305	2.296	7.5	18.4
7 20	20 17.52	−17 21.0	1.262	2.276	2.5	18.1
7 30	20 7.68	−18 10.3	1.245	2.256	3.2	18.1
8 9	19 58.31	−18 58.7	1.252	2.236	8.4	18.3
8 19	19 50.70	−19 41.7	1.283	2.216	13.3	18.5
8 29	19 45.89	−20 16.3	1.333	2.197	17.6	18.8

69074 2003 AC_{43} 7 23.9 322°.44 5°.6/21.4 18

6 20	20 39.12	−29 7.0	1.330	2.227	16.0	18.3
6 30	20 34.82	−30 7.6	1.262	2.215	12.1	18.1
7 10	20 27.44	−31 8.4	1.213	2.203	8.2	17.8
7 20	20 17.80	−32 1.0	1.188	2.192	5.6	17.6
7 30	20 7.30	−32 37.2	1.186	2.181	7.2	17.7
8 9	19 57.62	−32 52.3	1.207	2.170	11.2	17.9
8 19	19 50.22	−32 45.9	1.250	2.161	15.4	18.1
8 29	19 46.14	−32 20.8	1.310	2.152	19.1	18.3

503764 2016 PZ_{12} 7 23.9 191°.89 3°.1/21.7 18

6 20	20 39.92	−25 48.6	2.246	3.115	11.4	21.7
6 30	20 34.20	−26 57.0	2.172	3.113	8.5	21.5
7 10	20 26.52	−28 7.6	2.123	3.111	5.4	21.3
7 20	20 17.45	−29 14.8	2.102	3.109	3.1	21.2
7 30	20 7.87	−30 13.4	2.109	3.105	4.4	21.3
8 9	19 58.73	−30 59.5	2.145	3.102	7.4	21.5
8 19	19 50.95	−31 31.5	2.206	3.098	10.5	21.6
8 29	19 45.22	−31 49.8	2.289	3.093	13.2	21.8

252166 2001 CP_{35} 7 23.9 170°.00 15°.2/15.5 18

6 20	20 57.73	−48 13.2	1.297	2.150	19.0	20.2
6 30	20 50.16	−50 48.9	1.259	2.155	16.8	20.1
7 10	20 37.44	−53 3.5	1.241	2.158	15.4	20.0
7 20	20 20.78	−54 39.9	1.244	2.161	15.4	20.0
7 30	20 2.72	−55 26.2	1.267	2.163	16.6	20.1
8 9	19 46.44	−55 21.6	1.309	2.164	18.7	20.2
8 19	19 34.39	−54 34.0	1.368	2.164	21.0	20.4
8 29	19 27.85	−53 15.7	1.442	2.163	23.1	20.6

293434 2007 EM_{150} 7 23.9 252°.02 2°.2/25.5 18

6 20	20 34.38	−10 41.0	2.427	3.271	11.5	20.9
6 30	20 29.85	−11 1.1	2.341	3.264	8.8	20.7
7 10	20 23.79	−11 31.7	2.278	3.256	5.9	20.5
7 20	20 16.66	−12 11.4	2.242	3.249	3.0	20.3
7 30	20 9.13	−12 57.4	2.234	3.241	2.8	20.3
8 9	20 1.94	−13 46.6	2.254	3.233	5.6	20.5
8 19	19 55.78	−14 35.7	2.300	3.225	8.7	20.6
8 29	19 51.23	−15 21.9	2.371	3.217	11.5	20.8

36131 1999 RN_{158} 7 23.9 7°.94 3°.4/26.2 18

6 20	20 34.09	− 7 49.3	2.081	2.924	13.2	18.8
6 30	20 29.81	− 8 9.0	2.006	2.924	10.3	18.6
7 10	20 23.82	− 8 43.0	1.952	2.925	7.1	18.4
7 20	20 16.67	− 9 29.7	1.924	2.925	4.2	18.2
7 30	20 9.13	−10 26.1	1.922	2.926	3.7	18.2
8 9	20 2.03	−11 28.1	1.948	2.927	6.3	18.4
8 19	19 56.13	−12 31.2	2.000	2.928	9.5	18.6
8 29	19 52.06	−13 31.6	2.075	2.929	12.5	18.8

497237 2005 EN_{98} 7 23.9 85°.06 2°.1/23.1 17

6 20	20 44.04	−23 7.4	1.430	2.313	15.9	21.6
6 30	20 37.67	−23 38.3	1.384	2.332	11.7	21.4
7 10	20 28.68	−24 12.1	1.358	2.351	7.0	21.1
7 20	20 18.05	−24 43.1	1.357	2.370	2.6	20.9
7 30	20 7.12	−25 6.2	1.382	2.388	4.1	21.1
8 9	19 57.32	−25 18.4	1.432	2.407	8.6	21.4
8 19	19 49.75	−25 19.2	1.505	2.425	12.7	21.7
8 29	19 45.11	−25 10.0	1.599	2.443	16.2	21.9

476737 2008 UM_{45} 7 23.9 4°.22 10°.4/19.1 16

6 20	20 38.76	−38 33.4	1.212	2.109	17.2	20.1
6 30	20 34.91	−40 4.9	1.166	2.108	14.0	20.0
7 10	20 27.58	−41 24.6	1.139	2.108	11.4	19.8
7 20	20 17.83	−42 21.3	1.133	2.110	10.4	19.8
7 30	20 7.40	−42 46.1	1.149	2.113	11.8	19.8
8 9	19 58.24	−42 36.8	1.185	2.117	14.5	20.0
8 19	19 51.87	−41 57.1	1.240	2.122	17.6	20.2
8 29	19 49.23	−40 53.7	1.312	2.129	20.5	20.4

190649 2000 XF_{26} 7 23.9 286°.28 0°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 42.55	−22 4.6	1.727	2.601	14.1	19.1
6 30	20 36.61	−21 49.5	1.639	2.582	10.6	18.8
7 10	20 28.18	−21 35.8	1.572	2.564	6.4	18.5
7 20	20 17.98	−21 20.6	1.531	2.545	1.9	18.2
7 30	20 7.09	−21 1.8	1.517	2.527	3.1	18.2
8 9	19 56.80	−20 38.1	1.529	2.508	7.7	18.5
8 19	19 48.24	−20 9.4	1.567	2.490	12.1	18.7
8 29	19 42.29	−19 36.9	1.626	2.471	15.8	18.9

482966 2014 KY_{68} 7 23.9 294°.49 2°.5/22.2 18

6 20	20 36.19	−23 55.7	2.076	2.953	11.9	21.2
6 30	20 31.66	−24 55.2	1.991	2.937	8.8	20.9
7 10	20 25.11	−25 59.3	1.929	2.920	5.4	20.7
7 20	20 17.09	−27 2.9	1.894	2.904	2.7	20.5
7 30	20 8.45	−28 0.6	1.886	2.888	4.1	20.5
8 9	20 0.19	−28 48.0	1.905	2.871	7.5	20.7
8 19	19 53.23	−29 22.7	1.949	2.855	11.0	20.9
8 29	19 48.37	−29 44.2	2.015	2.839	14.0	21.1

53399 1999 JG_{112} 7 23.9 252°.69 1°.3/23.2 18

6 20	20 37.51	−21 58.1	2.249	3.118	11.4	18.8
6 30	20 32.37	−22 27.9	2.165	3.107	8.4	18.6
7 10	20 25.40	−23 1.5	2.105	3.096	5.1	18.4
7 20	20 17.15	−23 35.2	2.072	3.085	1.7	18.1
7 30	20 8.42	−24 5.6	2.067	3.074	2.9	18.2
8 9	20 0.10	−24 29.7	2.089	3.062	6.4	18.4
8 19	19 53.04	−24 45.8	2.137	3.050	9.8	18.6
8 29	19 47.90	−24 53.5	2.209	3.038	12.8	18.8

355641 2008 EZ_{42} 7 23.9 91°.39 4°.5/27.3 16

6 20	20 35.12	− 3 40.3	2.350	3.167	12.7	20.9
6 30	20 30.26	− 3 44.1	2.287	3.183	10.2	20.8
7 10	20 23.94	− 4 2.3	2.245	3.200	7.5	20.6
7 20	20 16.70	− 4 34.2	2.229	3.216	5.2	20.5
7 30	20 9.20	− 5 17.7	2.240	3.232	4.6	20.5
8 9	20 2.19	− 6 9.5	2.279	3.248	6.3	20.6
8 19	19 56.30	− 7 5.9	2.344	3.263	8.8	20.8
8 29	19 52.03	− 8 3.0	2.433	3.279	11.2	21.0

293917 2007 SU_{13} 7 23.9 28°.45 4°.0/26.0 16

6 20	20 36.36	− 8 37.8	1.778	2.628	14.8	20.7
6 30	20 31.70	− 8 29.7	1.708	2.630	11.6	20.5
7 10	20 25.05	− 8 35.8	1.659	2.633	8.0	20.3
7 20	20 17.05	− 8 55.3	1.634	2.635	4.8	20.1
7 30	20 8.63	− 9 26.0	1.635	2.638	4.4	20.1
8 9	20 0.79	−10 4.3	1.662	2.641	7.3	20.2
8 19	19 54.41	−10 46.3	1.714	2.644	10.8	20.5
8 29	19 50.19	−11 28.1	1.788	2.647	14.0	20.7

49302 1998 VW_{7} 7 23.9 181°.13 1°.6/23.1 18

6 20	20 42.32	−22 53.2	1.923	2.792	13.0	19.6
6 30	20 36.09	−23 18.8	1.851	2.793	9.6	19.4
7 10	20 27.69	−23 47.1	1.803	2.794	5.8	19.2
7 20	20 17.81	−24 13.9	1.781	2.794	2.1	18.9
7 30	20 7.47	−24 35.3	1.786	2.793	3.4	19.0
8 9	19 57.79	−24 48.5	1.819	2.792	7.3	19.3
8 19	19 49.73	−24 52.5	1.878	2.790	11.0	19.5
8 29	19 44.03	−24 47.8	1.959	2.788	14.2	19.7

261169 2005 TK_{108} 7 23.9 297°.52 3°.2/22.3 18

6 20	20 39.60	−28 38.0	2.141	3.014	11.8	21.1
6 30	20 33.95	−29 2.0	2.070	3.012	8.8	20.9
7 10	20 26.33	−29 24.0	2.023	3.010	5.7	20.7
7 20	20 17.41	−29 39.9	2.002	3.008	3.4	20.5
7 30	20 8.11	−29 46.3	2.009	3.007	4.4	20.6
8 9	19 59.43	−29 41.4	2.043	3.005	7.4	20.8
8 19	19 52.24	−29 25.4	2.102	3.003	10.5	21.0
8 29	19 47.21	−28 59.7	2.183	3.002	13.3	21.2

385022 2012 TM_{284} 7 23.9 39°.21 1°.5/23.1 16

6 20	20 37.59	−20 58.1	1.675	2.556	14.0	20.7
6 30	20 32.83	−21 45.6	1.612	2.561	10.3	20.4
7 10	20 25.82	−22 39.2	1.572	2.565	6.2	20.2
7 20	20 17.29	−23 33.8	1.557	2.570	2.1	20.0
7 30	20 8.28	−24 23.9	1.568	2.575	3.5	20.1
8 9	19 59.97	−25 4.9	1.605	2.581	7.7	20.3
8 19	19 53.35	−25 34.4	1.666	2.586	11.7	20.6
8 29	19 49.17	−25 52.0	1.748	2.592	15.0	20.8

123485 2000 WF_{166} 7 23.9 185°.10 0°.7/24.3 17

6 20	20 38.79	−16 14.4	2.101	2.960	12.5	20.6
6 30	20 33.30	−16 36.4	2.025	2.961	9.3	20.4
7 10	20 25.94	−17 6.0	1.973	2.960	5.7	20.2
7 20	20 17.31	−17 40.6	1.946	2.959	1.9	19.9
7 30	20 8.25	−18 16.7	1.948	2.958	2.4	20.0
8 9	19 59.69	−18 51.1	1.978	2.957	6.2	20.2
8 19	19 52.46	−19 21.1	2.033	2.955	9.8	20.4
8 29	19 47.24	−19 45.3	2.112	2.952	12.9	20.6

519381 2011 QK_{100} 7 23.9 307°.41 2°.1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 35.75	−12 25.8	1.878	2.738	13.7	21.3
6 30	20 31.27	−12 42.6	1.800	2.733	10.4	21.1
7 10	20 24.82	−13 11.3	1.744	2.728	6.7	20.9
7 20	20 17.01	−13 49.7	1.713	2.722	3.0	20.7
7 30	20 8.70	−14 34.4	1.708	2.717	3.0	20.6
8 9	20 0.87	−15 21.5	1.730	2.712	6.7	20.9
8 19	19 54.41	−16 7.0	1.778	2.708	10.5	21.1
8 29	19 50.05	−16 48.1	1.848	2.703	13.8	21.3

417382 2006 HY_{59} 7 23.9 14°.65 2°.0/22.9 17

6 20	20 36.38	−19 16.7	1.101	2.004	18.1	19.8
6 30	20 32.85	−20 29.1	1.047	2.006	13.3	19.5
7 10	20 26.25	−21 54.6	1.012	2.009	8.0	19.2
7 20	20 17.49	−23 24.6	0.999	2.013	2.7	18.9
7 30	20 8.01	−24 48.9	1.009	2.018	4.7	19.0
8 9	19 59.51	−25 59.0	1.042	2.023	10.1	19.4
8 19	19 53.38	−26 50.1	1.096	2.029	15.1	19.7
8 29	19 50.59	−27 21.5	1.169	2.036	19.3	20.0

176781 2002 RK_{266} 7 23.9 253°.42 1°.3/24.6 17

6 20	20 38.84	−14 39.3	1.540	2.412	15.6	20.8
6 30	20 33.96	−15 3.3	1.466	2.407	11.8	20.6
7 10	20 26.64	−15 39.9	1.414	2.403	7.3	20.3
7 20	20 17.58	−16 25.6	1.385	2.398	2.6	20.0
7 30	20 7.87	−17 15.8	1.383	2.393	3.0	20.0
8 9	19 58.79	−18 5.1	1.406	2.388	7.8	20.3
8 19	19 51.46	−18 49.4	1.453	2.383	12.3	20.5
8 29	19 46.76	−19 25.9	1.521	2.379	16.1	20.8

440656 2005 WJ_{208} 7 23.9 174°.30 2°.8/21.8 18

6 20	20 36.87	−26 43.7	2.546	3.416	10.2	21.5
6 30	20 31.72	−27 36.7	2.476	3.417	7.6	21.3
7 10	20 24.93	−28 30.3	2.430	3.418	4.8	21.1
7 20	20 17.04	−29 20.2	2.412	3.418	2.9	21.0
7 30	20 8.75	−30 2.5	2.423	3.419	3.9	21.1
8 9	20 0.91	−30 34.5	2.461	3.419	6.6	21.2
8 19	19 54.22	−30 55.1	2.526	3.420	9.3	21.4
8 29	19 49.29	−31 4.4	2.613	3.419	11.7	21.6

342195 2008 SV_{208} 7 23.9 304°.89 1°.6/23.1 18

6 20	20 37.48	−21 20.2	1.568	2.453	14.6	20.9
6 30	20 33.22	−21 56.9	1.478	2.429	10.9	20.7
7 10	20 26.38	−22 41.1	1.411	2.405	6.6	20.4
7 20	20 17.56	−23 28.0	1.367	2.381	2.3	20.0
7 30	20 7.84	−24 11.7	1.349	2.357	3.9	20.1
8 9	19 58.55	−24 47.2	1.355	2.333	8.6	20.3
8 19	19 50.96	−25 11.3	1.385	2.310	13.2	20.5
8 29	19 46.09	−25 23.2	1.435	2.287	17.2	20.7

281881 2010 HO_{78} 7 23.9 90°.98 2°.4/22.5 16

6 20	20 38.56	−24 7.1	1.908	2.785	12.8	20.9
6 30	20 33.35	−24 53.2	1.844	2.790	9.4	20.7
7 10	20 26.06	−25 41.9	1.803	2.795	5.8	20.5
7 20	20 17.38	−26 28.2	1.788	2.799	2.6	20.3
7 30	20 8.26	−27 7.4	1.800	2.804	3.9	20.4
8 9	19 59.79	−27 36.0	1.839	2.808	7.5	20.6
8 19	19 52.88	−27 52.6	1.903	2.813	11.0	20.8
8 29	19 48.23	−27 57.7	1.988	2.817	14.0	21.0

134830 2000 HU_{55} 7 23.9 353°.61 7°.6/20.3 18

6 20	20 40.34	−36 31.8	1.604	2.486	14.5	18.8
6 30	20 35.33	−37 32.1	1.545	2.483	11.5	18.6
7 10	20 27.54	−38 24.2	1.508	2.480	8.8	18.5
7 20	20 17.84	−39 0.2	1.494	2.477	7.6	18.4
7 30	20 7.57	−39 14.1	1.504	2.475	8.7	18.4
8 9	19 58.24	−39 3.8	1.537	2.474	11.4	18.6
8 19	19 51.09	−38 31.1	1.593	2.474	14.4	18.8
8 29	19 46.94	−37 40.7	1.667	2.474	17.2	19.0

327204 2005 NB_{46} 7 23.9 30°.12 0°.8/24.3 17

6 20	20 37.58	−16 32.9	1.192	2.085	17.7	20.7
6 30	20 33.33	−16 49.7	1.142	2.094	13.2	20.5
7 10	20 26.31	−17 18.4	1.110	2.104	8.1	20.2
7 20	20 17.47	−17 54.7	1.101	2.115	2.6	19.9
7 30	20 8.17	−18 33.2	1.116	2.127	3.3	20.0
8 9	19 59.90	−19 8.5	1.153	2.139	8.6	20.4
8 19	19 53.85	−19 37.1	1.213	2.152	13.4	20.7
8 29	19 50.80	−19 57.0	1.292	2.166	17.4	21.0

314972 2006 XB_{11} 7 23.9 284°.94 2°.9/21.9 18

6 20	20 36.86	−25 12.4	2.099	2.976	11.8	20.4
6 30	20 32.12	−26 11.0	2.019	2.965	8.8	20.2
7 10	20 25.38	−27 12.7	1.963	2.954	5.5	20.0
7 20	20 17.22	−28 12.3	1.934	2.943	3.0	19.8
7 30	20 8.48	−29 4.5	1.932	2.932	4.3	19.8
8 9	20 0.17	−29 45.4	1.957	2.921	7.6	20.0
8 19	19 53.21	−30 13.1	2.007	2.910	10.9	20.2
8 29	19 48.35	−30 27.5	2.079	2.899	13.8	20.4

498506 2008 DF_{22} 7 23.9 99°.32 0°.7/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 41.22	−16 6.7	1.624	2.493	15.1	21.9
6 30	20 35.36	−16 34.1	1.570	2.510	11.2	21.7
7 10	20 27.26	−17 11.1	1.538	2.527	6.8	21.5
7 20	20 17.72	−17 53.6	1.530	2.544	2.1	21.2
7 30	20 7.83	−18 36.9	1.549	2.560	2.8	21.3
8 9	19 58.79	−19 16.7	1.595	2.576	7.3	21.6
8 19	19 51.56	−19 50.2	1.666	2.591	11.3	21.9
8 29	19 46.84	−20 15.7	1.758	2.607	14.7	22.1

130639 2000 SQ_{66} 7 23.9 341°.46 4°.2/25.6 18

6 20	20 35.46	−10 54.9	1.116	2.003	19.1	18.9
6 30	20 32.11	−10 43.7	1.050	1.995	14.9	18.6
7 10	20 25.83	−10 51.0	1.001	1.987	10.0	18.3
7 20	20 17.42	−11 16.1	0.973	1.981	5.4	18.1
7 30	20 8.20	−11 55.5	0.967	1.975	5.0	18.0
8 9	19 59.77	−12 43.5	0.983	1.970	9.5	18.3
8 19	19 53.51	−13 33.8	1.020	1.967	14.6	18.5
8 29	19 50.44	−14 20.8	1.076	1.964	19.1	18.8

321410 2009 QD_6 7 23.9 300°.44 2°.3/25.4 18

6 20	20 34.22	−11 28.4	2.248	3.100	12.1	20.5
6 30	20 29.89	−11 37.4	2.162	3.089	9.3	20.3
7 10	20 23.91	−11 56.8	2.098	3.078	6.1	20.1
7 20	20 16.78	−12 25.1	2.060	3.067	3.1	19.9
7 30	20 9.21	−13 0.0	2.049	3.056	2.9	19.9
8 9	20 2.00	−13 38.4	2.066	3.046	5.9	20.1
8 19	19 55.89	−14 17.5	2.108	3.036	9.2	20.2
8 29	19 51.52	−14 54.4	2.175	3.025	12.2	20.4

278305 2007 HX_9 7 23.9 350°.74 4°.9/22.0 17

6 20	20 33.28	−27 9.6	1.075	1.990	17.4	19.6
6 30	20 30.83	−27 54.3	1.015	1.979	13.1	19.3
7 10	20 25.20	−28 40.5	0.973	1.969	8.4	19.0
7 20	20 17.26	−29 20.3	0.951	1.961	5.0	18.8
7 30	20 8.52	−29 45.7	0.952	1.954	6.7	18.9
8 9	20 0.77	−29 52.0	0.973	1.950	11.4	19.1
8 19	19 55.47	−29 38.6	1.014	1.947	16.1	19.3
8 29	19 53.63	−29 8.0	1.072	1.946	20.2	19.6

456012 2005 YT_{68} 7 23.9 107°.22 0°.3/24.0 17

6 20	20 43.70	−19 2.8	1.319	2.200	17.1	21.6
6 30	20 37.76	−19 0.8	1.258	2.205	12.7	21.4
7 10	20 28.98	−19 5.8	1.218	2.210	7.7	21.1
7 20	20 18.27	−19 14.1	1.201	2.215	2.3	20.8
7 30	20 7.04	−19 21.9	1.209	2.220	3.3	20.9
8 9	19 56.83	−19 26.3	1.242	2.225	8.6	21.2
8 19	19 48.88	−19 25.8	1.298	2.229	13.4	21.5
8 29	19 44.05	−19 20.0	1.374	2.233	17.4	21.7

61738 2000 QS_{152} 7 23.9 331°.62 5°.5/25.9 18

6 20	20 33.31	− 9 38.5	1.037	1.929	19.9	19.0
6 30	20 30.79	− 9 11.8	0.965	1.911	15.8	18.7
7 10	20 25.22	− 9 4.7	0.909	1.894	11.0	18.4
7 20	20 17.31	− 9 18.7	0.873	1.878	6.6	18.1
7 30	20 8.39	− 9 51.9	0.857	1.864	6.1	18.0
8 9	20 0.14	−10 39.0	0.863	1.850	10.4	18.2
8 19	19 54.09	−11 33.3	0.888	1.838	15.6	18.4
8 29	19 51.40	−12 27.7	0.930	1.828	20.4	18.7

475303 2005 XB_{72} 7 23.9 45°.85 2°.9/24.8 17

6 20	20 42.64	−15 2.8	1.561	2.427	15.7	20.9
6 30	20 36.51	−14 15.1	1.497	2.432	12.0	20.6
7 10	20 28.02	−13 34.5	1.454	2.438	7.7	20.4
7 20	20 17.98	−13 1.1	1.435	2.444	3.7	20.2
7 30	20 7.56	−12 34.4	1.443	2.450	3.9	20.2
8 9	19 58.00	−12 13.6	1.477	2.456	7.8	20.5
8 19	19 50.33	−11 57.5	1.535	2.463	11.9	20.7
8 29	19 45.28	−11 44.8	1.614	2.469	15.4	21.0

510310 2011 QJ_{59} 7 23.9 311°.29 2°.1/23.1 18

6 20	20 39.60	−24 41.2	1.766	2.646	13.5	20.9
6 30	20 34.37	−24 54.5	1.689	2.636	10.1	20.7
7 10	20 26.82	−25 8.7	1.634	2.626	6.2	20.4
7 20	20 17.67	−25 20.1	1.605	2.617	2.5	20.2
7 30	20 7.97	−25 24.7	1.602	2.608	3.8	20.3
8 9	19 58.92	−25 20.5	1.625	2.599	7.8	20.5
8 19	19 51.56	−25 6.9	1.672	2.591	11.7	20.7
8 29	19 46.67	−24 44.8	1.741	2.582	15.1	20.9

442842 2013 AR_{108} 7 23.9 37°.90 1°.1/24.4 18

6 20	20 38.99	−17 32.0	1.928	2.794	13.2	20.4
6 30	20 33.50	−17 15.0	1.861	2.799	9.8	20.2
7 10	20 26.08	−17 3.2	1.816	2.804	6.0	20.0
7 20	20 17.41	−16 55.1	1.797	2.810	2.1	19.8
7 30	20 8.42	−16 49.0	1.805	2.815	2.6	19.8
8 9	20 0.09	−16 43.3	1.841	2.821	6.5	20.1
8 19	19 53.26	−16 36.9	1.901	2.827	10.1	20.3
8 29	19 48.56	−16 29.0	1.985	2.834	13.3	20.5

312144 2007 TW_{373} 7 23.9 283°.43 2°.3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 40.52	−25 10.2	1.914	2.789	12.8	21.4
6 30	20 35.04	−25 29.1	1.823	2.768	9.6	21.1
7 10	20 27.27	−25 49.0	1.756	2.747	6.0	20.9
7 20	20 17.83	−26 5.8	1.714	2.726	2.6	20.6
7 30	20 7.71	−26 15.6	1.700	2.704	3.9	20.7
8 9	19 58.07	−26 15.8	1.712	2.683	7.8	20.9
8 19	19 49.97	−26 5.5	1.748	2.662	11.6	21.0
8 29	19 44.27	−25 45.8	1.807	2.640	15.0	21.2

255788 2006 RK_{100} 7 23.9 352°.21 2°.8/22.6 17

6 20	20 39.60	−22 39.2	1.379	2.270	15.9	19.7
6 30	20 34.87	−23 38.8	1.316	2.269	11.8	19.5
7 10	20 27.36	−24 45.1	1.274	2.268	7.2	19.2
7 20	20 17.87	−25 51.0	1.256	2.268	3.1	19.0
7 30	20 7.69	−26 48.7	1.262	2.267	4.8	19.1
8 9	19 58.31	−27 32.4	1.293	2.267	9.4	19.4
8 19	19 51.04	−27 59.8	1.347	2.267	13.8	19.6
8 29	19 46.77	−28 11.2	1.420	2.267	17.6	19.9

435654 2008 SP_{269} 7 23.9 129°.24 0°.7/24.3 17

6 20	20 39.75	−16 58.4	1.972	2.834	13.1	21.3
6 30	20 34.04	−17 5.6	1.905	2.842	9.7	21.1
7 10	20 26.41	−17 19.4	1.862	2.850	5.9	20.9
7 20	20 17.53	−17 37.4	1.844	2.857	2.0	20.6
7 30	20 8.29	−17 56.7	1.854	2.864	2.5	20.7
8 9	19 59.69	−18 14.5	1.891	2.871	6.4	21.0
8 19	19 52.56	−18 29.1	1.954	2.878	10.0	21.2
8 29	19 47.56	−18 39.3	2.040	2.884	13.1	21.4

113504 2002 TC_{7} 7 23.9 196°.85 0°.5/23.7 18

6 20	20 37.92	−19 34.5	2.009	2.879	12.5	20.1
6 30	20 32.80	−20 0.9	1.936	2.879	9.3	19.8
7 10	20 25.74	−20 32.9	1.887	2.878	5.6	19.6
7 20	20 17.36	−21 7.0	1.863	2.877	1.6	19.4
7 30	20 8.55	−21 39.5	1.867	2.876	2.6	19.4
8 9	20 0.28	−22 7.2	1.898	2.876	6.6	19.7
8 19	19 53.41	−22 28.1	1.954	2.875	10.2	19.9
8 29	19 48.63	−22 41.3	2.034	2.874	13.3	20.1

521566 2015 OU_{104} 7 23.9 56°.29 2°.4/25.5 18

6 20	20 34.94	−10 42.4	2.146	2.995	12.6	20.9
6 30	20 30.43	−11 3.8	2.072	2.998	9.7	20.7
7 10	20 24.24	−11 36.9	2.021	3.000	6.4	20.5
7 20	20 16.92	−12 19.8	1.996	3.003	3.2	20.3
7 30	20 9.23	−13 9.4	1.998	3.005	2.9	20.3
8 9	20 1.98	−14 1.8	2.027	3.008	6.0	20.5
8 19	19 55.94	−14 53.4	2.083	3.010	9.3	20.7
8 29	19 51.69	−15 41.1	2.162	3.013	12.2	20.9

289224 2004 XL_{48} 7 23.9 266°.27 1°.5/24.7 18

6 20	20 39.06	−14 39.6	2.022	2.879	13.0	21.3
6 30	20 33.81	−14 46.6	1.924	2.856	9.9	21.0
7 10	20 26.48	−15 2.4	1.848	2.833	6.3	20.8
7 20	20 17.63	−15 25.3	1.799	2.810	2.5	20.5
7 30	20 8.09	−15 52.6	1.776	2.786	2.7	20.5
8 9	19 58.87	−16 21.1	1.782	2.762	6.7	20.7
8 19	19 50.93	−16 48.1	1.813	2.737	10.6	20.9
8 29	19 45.08	−17 11.5	1.867	2.712	14.1	21.0

188793 2005 VH_{98} 7 23.9 77°.95 4°.8/20.9 18

6 20	20 38.97	−32 23.3	2.218	3.090	11.4	20.3
6 30	20 33.56	−33 17.4	2.157	3.094	8.7	20.1
7 10	20 26.18	−34 7.8	2.120	3.098	6.2	20.0
7 20	20 17.49	−34 49.1	2.109	3.102	4.8	19.9
7 30	20 8.42	−35 17.1	2.125	3.107	5.8	20.0
8 9	19 59.96	−35 29.5	2.168	3.111	8.2	20.1
8 19	19 52.98	−35 26.5	2.235	3.115	10.8	20.3
8 29	19 48.15	−35 9.8	2.323	3.119	13.2	20.5

424376 2007 VQ_{326} 7 23.9 262°.60 0°.5/23.7 17

6 20	20 42.47	−20 12.1	1.552	2.428	15.2	21.3
6 30	20 36.90	−20 23.7	1.466	2.412	11.4	21.0
7 10	20 28.60	−20 41.4	1.403	2.395	7.0	20.7
7 20	20 18.28	−21 1.3	1.363	2.377	2.0	20.4
7 30	20 7.12	−21 19.1	1.350	2.360	3.3	20.4
8 9	19 56.53	−21 31.2	1.362	2.342	8.4	20.7
8 19	19 47.79	−21 35.8	1.398	2.323	13.1	20.9
8 29	19 41.90	−21 32.7	1.455	2.305	17.1	21.1

361087 2006 BF_{189} 7 23.9 13°.00 1°.9/23.1 17

6 20	20 35.04	−19 54.5	0.952	1.865	19.2	19.8
6 30	20 32.16	−20 48.5	0.903	1.868	14.2	19.5
7 10	20 25.99	−21 54.5	0.873	1.872	8.5	19.3
7 20	20 17.54	−23 4.4	0.863	1.877	2.8	18.9
7 30	20 8.39	−24 8.5	0.874	1.884	4.7	19.1
8 9	20 0.41	−24 59.0	0.907	1.892	10.5	19.4
8 19	19 55.03	−25 32.1	0.959	1.901	15.8	19.8
8 29	19 53.19	−25 47.4	1.029	1.911	20.2	20.1

436228 2010 AE_{41} 7 23.9 156°.55 0°.1/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.95	−17 46.9	1.943	2.810	13.1	21.8
6 30	20 33.59	−18 19.1	1.873	2.813	9.7	21.6
7 10	20 26.23	−18 58.7	1.827	2.817	5.8	21.4
7 20	20 17.53	−19 42.1	1.806	2.820	1.7	21.1
7 30	20 8.39	−20 25.2	1.813	2.823	2.6	21.2
8 9	19 59.82	−21 4.0	1.847	2.825	6.6	21.5
8 19	19 52.71	−21 36.1	1.907	2.828	10.4	21.7
8 29	19 47.76	−22 0.1	1.989	2.830	13.5	21.9

262801 2006 YP_{52} 7 23.9 139°.15 0°.2/23.8 18

6 20	20 35.76	−17 39.7	2.291	3.155	11.4	20.9
6 30	20 31.01	−18 23.5	2.219	3.158	8.4	20.7
7 10	20 24.59	−19 14.3	2.170	3.160	5.1	20.5
7 20	20 17.05	−20 8.6	2.148	3.162	1.4	20.3
7 30	20 9.12	−21 2.5	2.154	3.164	2.3	20.3
8 9	20 1.62	−21 52.3	2.188	3.166	5.9	20.6
8 19	19 55.30	−22 35.2	2.249	3.168	9.1	20.8
8 29	19 50.75	−23 9.9	2.334	3.170	12.0	21.0

355739 2008 HU 7 23.9 21°.74 3°.4/22.2 18

6 20	20 37.79	−27 40.9	1.871	2.753	12.8	20.1
6 30	20 32.86	−28 17.4	1.811	2.758	9.5	19.9
7 10	20 25.83	−28 53.0	1.774	2.763	6.1	19.7
7 20	20 17.41	−29 22.8	1.762	2.768	3.6	19.6
7 30	20 8.62	−29 42.6	1.776	2.774	4.7	19.7
8 9	20 0.54	−29 50.0	1.816	2.781	7.9	19.9
8 19	19 54.08	−29 44.9	1.881	2.788	11.2	20.1
8 29	19 49.94	−29 28.3	1.966	2.795	14.1	20.3

42913 1999 RW_{223} 7 23.9 212°.59 6°.0/27.1 18

6 20	20 37.86	− 2 59.3	2.082	2.897	14.2	19.3
6 30	20 32.65	− 2 29.2	2.000	2.893	11.6	19.1
7 10	20 25.64	− 2 14.2	1.940	2.889	8.9	18.9
7 20	20 17.37	− 2 15.2	1.904	2.884	6.6	18.8
7 30	20 8.64	− 2 31.7	1.895	2.879	6.1	18.8
8 9	20 0.34	− 3 1.6	1.911	2.874	7.8	18.9
8 19	19 53.28	− 3 41.2	1.953	2.868	10.5	19.0
8 29	19 48.13	− 4 26.4	2.018	2.862	13.3	19.2

437610 2014 BL_{13} 7 23.9 350°.78 0°.7/23.6 17

6 20	20 38.55	−20 25.5	1.684	2.563	14.1	20.5
6 30	20 33.58	−20 42.3	1.615	2.561	10.5	20.2
7 10	20 26.36	−21 4.4	1.567	2.560	6.3	20.0
7 20	20 17.59	−21 28.2	1.545	2.559	1.8	19.7
7 30	20 8.32	−21 49.8	1.548	2.558	3.0	19.8
8 9	19 59.74	−22 5.8	1.578	2.557	7.5	20.1
8 19	19 52.84	−22 14.7	1.632	2.557	11.5	20.3
8 29	19 48.39	−22 15.9	1.707	2.557	15.0	20.5

387911 2004 XN_{85} 7 23.9 254°.15 1°.1/24.5 18

6 20	20 39.17	−15 59.6	2.032	2.892	12.8	21.5
6 30	20 33.81	−16 5.1	1.942	2.877	9.7	21.3
7 10	20 26.44	−16 18.0	1.874	2.861	6.1	21.0
7 20	20 17.63	−16 36.5	1.833	2.845	2.2	20.7
7 30	20 8.23	−16 57.7	1.819	2.829	2.6	20.7
8 9	19 59.23	−17 18.9	1.832	2.812	6.6	21.0
8 19	19 51.56	−17 37.7	1.871	2.795	10.4	21.2
8 29	19 45.98	−17 52.7	1.934	2.778	13.7	21.3

349663 2008 VZ_{68} 7 23.9 211°.05 1°.2/24.7 18

6 20	20 37.26	−14 25.1	2.090	2.948	12.6	21.5
6 30	20 32.25	−14 46.4	2.011	2.945	9.5	21.3
7 10	20 25.41	−15 17.0	1.956	2.942	6.0	21.1
7 20	20 17.31	−15 54.4	1.926	2.938	2.3	20.8
7 30	20 8.76	−16 35.4	1.925	2.935	2.5	20.8
8 9	20 0.67	−17 16.3	1.951	2.931	6.2	21.1
8 19	19 53.85	−17 54.2	2.002	2.927	9.7	21.3
8 29	19 48.98	−18 26.9	2.077	2.923	12.9	21.5

137739 1999 XO_{130} 7 23.9 110°.20 5°.8/21.1 18

6 20	20 46.72	−32 50.9	1.773	2.644	13.9	20.1
6 30	20 39.55	−33 57.3	1.729	2.665	10.6	19.9
7 10	20 29.86	−34 57.7	1.708	2.685	7.5	19.7
7 20	20 18.57	−35 44.9	1.713	2.705	5.8	19.7
7 30	20 6.97	−36 13.2	1.744	2.724	7.0	19.8
8 9	19 56.41	−36 20.9	1.801	2.742	9.7	20.0
8 19	19 47.96	−36 9.6	1.881	2.760	12.6	20.2
8 29	19 42.35	−35 42.9	1.983	2.777	15.3	20.4

233360 2006 DE_{97} 7 23.9 123°.65 1°.9/22.9 17

6 20	20 39.73	−22 55.8	1.825	2.701	13.3	20.8
6 30	20 34.32	−23 31.6	1.759	2.705	9.8	20.6
7 10	20 26.75	−24 10.7	1.716	2.708	5.9	20.4
7 20	20 17.71	−24 48.6	1.699	2.711	2.3	20.2
7 30	20 8.22	−25 20.7	1.709	2.715	3.6	20.3
8 9	19 59.40	−25 43.6	1.745	2.718	7.5	20.5
8 19	19 52.22	−25 56.1	1.806	2.721	11.2	20.8
8 29	19 47.40	−25 58.2	1.888	2.724	14.4	21.0

350944 2002 VZ_{24} 7 23.9 279°.32 3°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 38.00	−10 59.0	2.038	2.886	13.3	21.0
6 30	20 32.95	−10 40.3	1.942	2.865	10.4	20.8
7 10	20 25.95	−10 31.3	1.868	2.844	7.1	20.5
7 20	20 17.51	−10 31.9	1.819	2.823	4.0	20.3
7 30	20 8.46	−10 40.8	1.797	2.802	3.8	20.3
8 9	19 59.75	−10 56.0	1.803	2.780	6.9	20.4
8 19	19 52.28	−11 15.0	1.833	2.758	10.5	20.6
8 29	19 46.81	−11 35.3	1.887	2.736	13.8	20.8

235753 2004 UZ_{2} 7 23.9 234°.83 4°.5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.42	− 4 26.5	2.291	3.108	13.0	21.6
6 30	20 32.30	− 4 33.9	2.195	3.093	10.5	21.4
7 10	20 25.45	− 4 56.4	2.121	3.079	7.7	21.2
7 20	20 17.36	− 5 33.6	2.073	3.063	5.2	21.0
7 30	20 8.72	− 6 23.6	2.052	3.047	4.6	21.0
8 9	20 0.38	− 7 23.2	2.059	3.030	6.7	21.1
8 19	19 53.11	− 8 28.1	2.093	3.013	9.7	21.2
8 29	19 47.58	− 9 34.1	2.151	2.995	12.6	21.4

58021 2002 VD_{32} 7 23.9 174°.99 0°.9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.26	−20 55.7	2.064	2.934	12.2	19.9
6 30	20 33.02	−21 18.5	1.992	2.935	9.0	19.7
7 10	20 25.88	−21 45.4	1.944	2.935	5.4	19.5
7 20	20 17.46	−22 13.0	1.921	2.935	1.6	19.3
7 30	20 8.63	−22 37.9	1.926	2.935	2.7	19.4
8 9	20 0.35	−22 57.4	1.959	2.935	6.5	19.6
8 19	19 53.47	−23 9.7	2.017	2.935	10.0	19.8
8 29	19 48.64	−23 14.7	2.098	2.935	13.1	20.0

509151 2006 BX_{247} 7 23.9 209°.44 0°.6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.45	−15 59.0	1.923	2.787	13.3	22.1
6 30	20 33.30	−16 27.0	1.846	2.784	9.9	21.9
7 10	20 26.13	−17 4.2	1.792	2.781	6.1	21.7
7 20	20 17.55	−17 47.4	1.764	2.777	2.0	21.4
7 30	20 8.46	−18 32.6	1.763	2.774	2.5	21.4
8 9	19 59.88	−19 15.6	1.790	2.770	6.7	21.7
8 19	19 52.72	−19 53.5	1.841	2.766	10.5	21.9
8 29	19 47.71	−20 24.2	1.916	2.761	13.8	22.1

93080 2000 SK_{29} 7 23.9 243°.13 3°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 42.20	−26 49.4	1.942	2.815	12.8	20.2
6 30	20 36.24	−27 19.9	1.861	2.803	9.6	20.0
7 10	20 27.98	−27 50.4	1.803	2.791	6.1	19.8
7 20	20 18.11	−28 16.2	1.771	2.779	3.2	19.6
7 30	20 7.62	−28 32.7	1.766	2.766	4.4	19.6
8 9	19 57.71	−28 37.3	1.788	2.753	8.0	19.8
8 19	19 49.41	−28 29.6	1.834	2.740	11.6	20.0
8 29	19 43.54	−28 10.8	1.903	2.726	14.8	20.2

6411 Tamaga 7 23.9 276°.87 7°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 37.54	+ 6 30.0	2.441	3.194	14.0	18.4
6 30	20 32.48	+ 6 23.6	2.319	3.159	12.2	18.2
7 10	20 25.64	+ 5 55.8	2.218	3.123	10.1	18.0
7 20	20 17.45	+ 5 4.6	2.141	3.086	8.4	17.8
7 30	20 8.54	+ 3 50.0	2.090	3.048	7.6	17.7
8 9	19 59.71	+ 2 15.0	2.067	3.010	8.5	17.7
8 19	19 51.77	+ 0 24.7	2.070	2.971	10.7	17.7
8 29	19 45.47	− 1 34.2	2.099	2.931	13.3	17.8

48497 1993 BQ_{5} 7 23.9 100°.26 0°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.71	−18 25.5	1.592	2.465	15.1	18.9
6 30	20 35.86	−18 57.6	1.537	2.481	11.1	18.7
7 10	20 27.68	−19 37.3	1.505	2.496	6.7	18.5
7 20	20 17.98	−20 20.0	1.497	2.511	1.9	18.2
7 30	20 7.91	−21 0.9	1.515	2.525	3.0	18.3
8 9	19 58.70	−21 35.6	1.560	2.540	7.5	18.6
8 19	19 51.36	−22 1.9	1.630	2.554	11.6	18.9
8 29	19 46.62	−22 19.0	1.721	2.567	15.1	19.2

335476 2005 WB_{99} 7 23.9 103°.58 6°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.58	− 4 32.2	1.830	2.656	15.5	20.7
6 30	20 34.68	− 3 48.6	1.769	2.670	12.5	20.5
7 10	20 26.83	− 3 20.4	1.728	2.683	9.3	20.3
7 20	20 17.73	− 3 8.6	1.712	2.696	6.7	20.2
7 30	20 8.30	− 3 12.9	1.722	2.709	6.3	20.2
8 9	19 59.55	− 3 30.7	1.758	2.722	8.2	20.4
8 19	19 52.34	− 3 58.5	1.818	2.734	11.1	20.6
8 29	19 47.30	− 4 32.1	1.901	2.747	13.9	20.8

80776 2000 CV_{65} 7 23.9 40°.33 5°.7/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.88	−26 24.3	1.262	2.161	16.5	17.7
6 30	20 34.56	−28 24.7	1.219	2.174	12.3	17.5
7 10	20 27.27	−30 28.0	1.197	2.187	8.1	17.3
7 20	20 17.93	−32 22.4	1.199	2.202	5.7	17.2
7 30	20 7.97	−33 56.9	1.225	2.216	7.6	17.3
8 9	19 59.03	−35 4.8	1.275	2.232	11.4	17.6
8 19	19 52.43	−35 45.0	1.346	2.247	15.2	17.8
8 29	19 49.06	−36 0.3	1.436	2.264	18.5	18.1

477081 2009 BF_{90} 7 23.9 248°.61 0°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.12	−15 26.7	1.992	2.855	12.9	21.3
6 30	20 32.27	−15 51.3	1.913	2.850	9.7	21.1
7 10	20 25.50	−16 25.1	1.856	2.844	6.0	20.9
7 20	20 17.38	−17 5.3	1.825	2.838	2.1	20.6
7 30	20 8.77	−17 48.2	1.822	2.832	2.5	20.6
8 9	20 0.62	−18 30.0	1.846	2.826	6.4	20.9
8 19	19 53.80	−19 7.7	1.895	2.820	10.2	21.1
8 29	19 49.03	−19 39.1	1.967	2.814	13.4	21.3

383573 2007 ER_{189} 7 23.9 258°.59 0°.9/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.31	−21 6.5	1.789	2.661	13.7	22.0
6 30	20 35.73	−21 24.4	1.702	2.646	10.2	21.7
7 10	20 27.77	−21 47.1	1.638	2.630	6.2	21.5
7 20	20 18.08	−22 10.8	1.599	2.613	1.9	21.1
7 30	20 7.68	−22 31.4	1.587	2.596	3.2	21.2
8 9	19 57.79	−22 45.8	1.602	2.579	7.6	21.4
8 19	19 49.50	−22 52.2	1.641	2.561	11.8	21.6
8 29	19 43.69	−22 50.5	1.702	2.543	15.4	21.8

301422 2009 DO_{56} 7 23.9 76°.03 3°.2/22.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 39.75	−27 5.1	1.946	2.823	12.6	20.9
6 30	20 34.23	−27 41.7	1.886	2.830	9.3	20.8
7 10	20 26.64	−28 17.8	1.849	2.838	5.9	20.6
7 20	20 17.69	−28 48.6	1.837	2.845	3.3	20.4
7 30	20 8.37	−29 9.9	1.853	2.852	4.4	20.5
8 9	19 59.76	−29 19.4	1.895	2.859	7.7	20.7
8 19	19 52.77	−29 16.7	1.961	2.867	10.9	20.9
8 29	19 48.06	−29 3.2	2.050	2.874	13.8	21.1

392444 2010 TZ_{103} 7 23.9 122°.75 10°.2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 52.17	−56 9.5	2.719	3.504	12.0	20.7
6 30	20 43.72	−57 19.3	2.685	3.515	11.0	20.7
7 10	20 32.45	−58 11.4	2.672	3.526	10.3	20.6
7 20	20 19.36	−58 39.8	2.682	3.537	10.2	20.6
7 30	20 5.90	−58 40.9	2.715	3.548	10.7	20.7
8 9	19 53.61	−58 15.1	2.769	3.558	11.6	20.8
8 19	19 43.69	−57 25.8	2.843	3.568	12.7	20.9
8 29	19 36.91	−56 18.3	2.936	3.578	13.8	21.0

515106 2010 VQ_{209} 7 23.9 268°.21 5°.1/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 38.70	−33 51.0	2.374	3.243	10.9	21.6
6 30	20 33.44	−34 51.4	2.301	3.234	8.5	21.4
7 10	20 26.20	−35 48.1	2.251	3.225	6.2	21.3
7 20	20 17.59	−36 35.7	2.228	3.215	5.1	21.2
7 30	20 8.47	−37 9.5	2.232	3.206	6.1	21.3
8 9	19 59.82	−37 27.2	2.262	3.196	8.4	21.4
8 19	19 52.53	−37 28.3	2.317	3.187	10.9	21.5
8 29	19 47.32	−37 14.6	2.393	3.177	13.2	21.7

87721 2000 SV_{45} 7 23.9 217°.82 1°.5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 47.59	−25 26.6	2.199	3.055	12.1	19.3
6 30	20 39.83	−25 12.6	2.112	3.046	9.1	19.1
7 10	20 29.95	−24 56.3	2.049	3.037	5.5	18.8
7 20	20 18.66	−24 35.1	2.015	3.027	2.1	18.6
7 30	20 6.92	−24 7.1	2.010	3.017	3.0	18.6
8 9	19 55.84	−23 31.7	2.034	3.006	6.7	18.8
8 19	19 46.34	−22 50.1	2.086	2.994	10.3	19.0
8 29	19 39.14	−22 4.3	2.162	2.981	13.4	19.2

504915 2011 BO_{23} 7 23.9 153°.69 0°.4/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 41.23	−17 30.1	1.869	2.732	13.6	22.5
6 30	20 35.31	−17 44.3	1.800	2.738	10.1	22.3
7 10	20 27.30	−18 5.4	1.755	2.744	6.2	22.1
7 20	20 17.90	−18 30.4	1.735	2.749	1.9	21.8
7 30	20 8.09	−18 55.8	1.743	2.753	2.6	21.9
8 9	19 58.93	−19 18.6	1.778	2.758	6.8	22.2
8 19	19 51.35	−19 36.7	1.839	2.761	10.6	22.4
8 29	19 46.04	−19 48.9	1.922	2.765	13.9	22.6

262195 2006 ST_{165} 7 23.9 181°.74 2°.8/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	20 40.79	−12 3.0	1.724	2.579	15.0	21.1
6 30	20 35.16	−11 59.0	1.651	2.580	11.5	20.9
7 10	20 27.31	−12 6.6	1.599	2.580	7.5	20.6
7 20	20 17.93	−12 24.4	1.572	2.580	3.7	20.4
7 30	20 8.05	−12 49.7	1.572	2.580	3.6	20.4
8 9	19 58.79	−13 19.1	1.599	2.579	7.3	20.6
8 19	19 51.14	−13 49.3	1.650	2.577	11.3	20.8
8 29	19 45.87	−14 17.5	1.723	2.576	14.8	21.1

444584 2006 UK 7 23.9 139°.42 3°.4/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 20	21 3.09	−10 31.1	1.300	2.130	20.3	23.4
6 30	20 51.94	−10 44.6	1.246	2.161	15.5	23.2
7 10	20 37.45	−11 14.7	1.213	2.189	10.0	23.0
7 20	20 20.84	−11 57.4	1.206	2.214	4.7	22.7
7 30	20 3.87	−12 46.9	1.228	2.235	4.5	22.8
8 9	19 48.45	−13 37.1	1.279	2.254	9.4	23.1
8 19	19 36.00	−14 23.6	1.355	2.269	14.2	23.4
8 29	19 27.34	−15 3.7	1.453	2.281	18.3	23.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
145052 2005 GY_{10}			7 23.9 73°.37	2°.5/22.6 17		
	h m	° ′			°	m
6 20	20 40.21	−21 44.4	1.407	2.294	15.8	20.0
6 30	20 35.25	−22 52.8	1.349	2.301	11.7	19.8
7 10	20 27.59	−24 8.6	1.313	2.307	7.0	19.5
7 20	20 18.06	−25 24.2	1.301	2.314	2.9	19.3
7 30	20 7.93	−26 31.8	1.315	2.320	4.6	19.4
8 9	19 58.66	−27 25.3	1.354	2.327	9.1	19.7
8 19	19 51.45	−28 2.0	1.415	2.334	13.4	20.0
8 29	19 47.17	−28 22.2	1.497	2.341	17.0	20.2
452701 2005 YZ_{74}			7 23.9 301°.85	0°.4/23.8 17		
6 20	20 36.32	−19 44.6	2.073	2.945	12.1	22.0
6 30	20 31.75	−20 4.0	1.984	2.927	9.0	21.7
7 10	20 25.25	−20 28.7	1.918	2.909	5.5	21.5
7 20	20 17.36	−20 56.0	1.877	2.892	1.6	21.2
7 30	20 8.92	−21 22.4	1.864	2.874	2.6	21.2
8 9	20 0.87	−21 44.8	1.878	2.857	6.6	21.4
8 19	19 54.10	−22 1.4	1.917	2.840	10.2	21.6
8 29	19 49.33	−22 11.0	1.979	2.823	13.5	21.8
365634 2010 UM_{80}			7 23.9 205°.11	9°.1/31.4 18		
6 20	20 34.87	+14 17.2	3.003	3.689	12.9	22.1
6 30	20 30.05	+15 4.3	2.918	3.685	11.7	22.0
7 10	20 23.94	+15 33.4	2.853	3.680	10.5	21.9
7 20	20 16.94	+15 42.3	2.809	3.675	9.5	21.8
7 30	20 9.60	+15 30.1	2.789	3.669	9.1	21.8
8 9	20 2.52	+14 57.7	2.792	3.663	9.3	21.8
8 19	19 56.27	+14 7.8	2.820	3.656	10.2	21.8
8 29	19 51.35	+13 4.4	2.869	3.650	11.4	21.9
138874 2000 XN_{35}			7 23.9 230°.29	2°.6/22.4 18		
6 20	20 39.46	−27 58.0	2.646	3.510	10.1	20.3
6 30	20 33.66	−28 19.9	2.563	3.501	7.5	20.1
7 10	20 26.19	−28 40.5	2.505	3.491	4.8	19.9
7 20	20 17.60	−28 56.4	2.475	3.481	2.7	19.8
7 30	20 8.63	−29 4.9	2.473	3.471	3.6	19.8
8 9	20 0.09	−29 4.2	2.499	3.460	6.3	20.0
8 19	19 52.72	−28 54.2	2.552	3.449	9.0	20.1
8 29	19 47.12	−28 35.7	2.628	3.438	11.5	20.3
70908 1999 VD_{186}			7 23.9 92°.66	1°.3/23.3 18		
6 20	20 39.17	−21 21.9	1.823	2.698	13.4	19.0
6 30	20 33.89	−21 57.7	1.760	2.705	9.8	18.8
7 10	20 26.50	−22 38.2	1.720	2.712	5.9	18.6
7 20	20 17.71	−23 19.0	1.705	2.719	2.0	18.4
7 30	20 8.50	−23 55.5	1.718	2.725	3.2	18.5
8 9	19 59.96	−24 24.1	1.757	2.732	7.2	18.7
8 19	19 53.03	−24 43.2	1.820	2.739	10.9	19.0
8 29	19 48.41	−24 52.5	1.906	2.745	14.1	19.2
229877 2009 UR_{35}			7 23.9 76°.16	6°.9/27.2 17		
6 20	20 39.11	− 3 16.4	1.648	2.478	16.7	20.0
6 30	20 33.84	− 2 33.7	1.587	2.488	13.6	19.9
7 10	20 26.46	− 2 9.0	1.546	2.499	10.3	19.7
7 20	20 17.69	− 2 3.9	1.528	2.510	7.7	19.6
7 30	20 8.54	− 2 17.8	1.534	2.520	7.0	19.6
8 9	20 0.09	− 2 47.4	1.566	2.531	8.9	19.7
8 19	19 53.26	− 3 28.4	1.621	2.541	11.9	19.9
8 29	19 48.75	− 4 15.3	1.698	2.552	14.9	20.1
357839 2005 UJ_{141}			7 23.9 266°.15	5°.1/27.2 18		
6 20	20 34.85	− 3 15.0	2.356	3.171	12.8	20.8
6 30	20 30.34	− 3 1.3	2.266	3.160	10.4	20.6
7 10	20 24.25	− 3 1.6	2.198	3.149	7.9	20.5
7 20	20 17.06	− 3 16.3	2.155	3.137	5.7	20.3
7 30	20 9.44	− 3 44.5	2.138	3.126	5.2	20.3
8 9	20 2.13	− 4 23.9	2.149	3.114	6.9	20.3
8 19	19 55.85	− 5 11.0	2.185	3.103	9.4	20.5
8 29	19 51.20	− 6 2.1	2.245	3.091	12.0	20.6
523120 2016 SY_{52}			7 23.9 202°.08	1°.7/25.3 18		
6 20	20 35.60	−11 50.4	2.469	3.314	11.3	21.8
6 30	20 30.82	−12 20.5	2.387	3.312	8.6	21.6
7 10	20 24.50	−13 0.6	2.328	3.309	5.6	21.4
7 20	20 17.13	−13 48.7	2.297	3.306	2.5	21.2
7 30	20 9.36	−14 41.6	2.294	3.302	2.4	21.2
8 9	20 1.95	−15 35.8	2.319	3.299	5.4	21.4
8 19	19 55.57	−16 28.3	2.371	3.295	8.5	21.5
8 29	19 50.80	−17 16.3	2.448	3.290	11.3	21.7
130798 2000 TQ_{41}			7 23.9 26°.01	4°.1/22.1 17		
6 20	20 39.12	−24 14.9	1.128	2.032	17.7	19.2
6 30	20 34.98	−25 27.5	1.078	2.036	13.1	19.0
7 10	20 27.66	−26 45.9	1.047	2.042	8.1	18.7
7 20	20 18.12	−28 0.4	1.038	2.048	4.3	18.5
7 30	20 7.91	−29 1.5	1.052	2.055	6.1	18.7
8 9	19 58.80	−29 43.0	1.089	2.062	10.9	18.9
8 19	19 52.19	−30 3.4	1.146	2.070	15.4	19.2
8 29	19 49.01	−30 4.3	1.222	2.078	19.3	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
106519 2000 WY_{49}			7 23.9 85°.47	3°.6/22.4 17		
	h m	° ′			°	m
6 20	20 42.83	−25 18.4	1.398	2.285	15.9	20.0
6 30	20 37.16	−26 13.0	1.346	2.296	11.8	19.8
7 10	20 28.69	−27 9.7	1.315	2.307	7.3	19.5
7 20	20 18.37	−28 1.1	1.309	2.318	3.8	19.4
7 30	20 7.57	−28 40.5	1.327	2.329	5.3	19.5
8 9	19 57.79	−29 3.9	1.370	2.340	9.5	19.8
8 19	19 50.25	−29 10.9	1.436	2.350	13.6	20.0
8 29	19 45.75	−29 3.2	1.522	2.361	17.0	20.3
90768 1993 TV_{17}			7 23.9 268°.11	4°.7/20.8 18		
6 20	20 39.44	−33 14.4	2.497	3.363	10.5	19.7
6 30	20 33.94	−34 3.0	2.412	3.345	8.2	19.5
7 10	20 26.52	−34 48.4	2.352	3.327	5.9	19.3
7 20	20 17.74	−35 25.6	2.318	3.309	4.7	19.2
7 30	20 8.42	−35 50.4	2.311	3.290	5.6	19.3
8 9	19 59.51	−36 0.4	2.332	3.271	7.9	19.4
8 19	19 51.87	−35 55.5	2.378	3.252	10.5	19.5
8 29	19 46.22	−35 37.0	2.445	3.233	12.9	19.6
154150 2002 GP_{3}			7 23.9 152°.13	9°.2/ 1.8 18		
6 20	20 34.63	+15 28.1	2.921	3.601	13.4	21.0
6 30	20 29.86	+16 2.2	2.847	3.608	12.1	20.9
7 10	20 23.80	+16 16.7	2.792	3.614	10.8	20.8
7 20	20 16.91	+16 9.6	2.757	3.620	9.8	20.7
7 30	20 9.73	+15 40.5	2.746	3.626	9.2	20.7
8 9	20 2.89	+14 51.1	2.759	3.631	9.4	20.7
8 19	19 56.94	+13 44.7	2.795	3.636	10.1	20.8
8 29	19 52.35	+12 25.9	2.855	3.640	11.3	20.9
332066 2005 SP_{108}			7 23.9 358°.97	0°.1/23.9 17		
6 20	20 35.29	−18 57.9	1.108	2.012	17.9	21.0
6 30	20 32.06	−19 6.3	1.049	2.008	13.4	20.7
7 10	20 25.87	−19 24.2	1.009	2.005	8.1	20.4
7 20	20 17.61	−19 47.5	0.990	2.004	2.4	20.0
7 30	20 8.68	−20 11.1	0.993	2.004	3.6	20.1
8 9	20 0.71	−20 30.2	1.018	2.006	9.2	20.5
8 19	19 55.01	−20 42.0	1.065	2.009	14.3	20.8
8 29	19 52.51	−20 45.2	1.129	2.013	18.7	21.0
104220 2000 EP_{120}			7 23.9 105°.71	4°.5/21.8 18		
6 20	20 42.90	−28 17.6	1.602	2.483	14.6	19.5
6 30	20 37.02	−29 15.1	1.546	2.492	10.9	19.3
7 10	20 28.55	−30 11.8	1.513	2.501	7.1	19.1
7 20	20 18.34	−31 0.4	1.505	2.510	4.5	19.0
7 30	20 7.65	−31 34.8	1.523	2.518	5.9	19.1
8 9	19 57.87	−31 51.9	1.566	2.526	9.4	19.3
8 19	19 50.14	−31 51.7	1.632	2.534	13.0	19.5
8 29	19 45.24	−31 36.6	1.719	2.542	16.1	19.8
280055 2002 CW_{35}			7 23.9 157°.61	4°.9/21.3 18		
6 20	20 43.93	−32 22.1	2.103	2.970	12.2	20.8
6 30	20 37.33	−33 11.6	2.042	2.976	9.3	20.6
7 10	20 28.55	−33 56.8	2.004	2.982	6.5	20.5
7 20	20 18.32	−34 31.9	1.992	2.987	4.9	20.4
7 30	20 7.68	−34 52.3	2.008	2.992	5.9	20.5
8 9	19 57.77	−34 56.2	2.051	2.996	8.5	20.6
8 19	19 49.56	−34 44.3	2.119	3.000	11.3	20.8
8 29	19 43.74	−34 19.0	2.208	3.003	13.9	21.0
161662 2006 CV_{59}			7 23.9 5°.00	3°.8/22.9 18		
6 20	20 41.66	−26 57.4	1.040	1.946	18.6	18.7
6 30	20 37.06	−27 8.1	0.986	1.945	14.0	18.4
7 10	20 28.98	−27 17.5	0.950	1.946	8.8	18.1
7 20	20 18.52	−27 18.9	0.935	1.947	4.2	17.9
7 30	20 7.43	−27 7.1	0.943	1.949	5.7	18.0
8 9	19 57.64	−26 40.1	0.972	1.952	10.8	18.3
8 19	19 50.67	−26 0.0	1.022	1.956	15.8	18.6
8 29	19 47.43	−25 10.2	1.089	1.961	20.1	18.8
189728 2001 VW_{110}			7 23.9 154°.17	0°.2/24.1 18		
6 20	20 41.20	−18 23.8	1.923	2.787	13.3	20.5
6 30	20 35.26	−18 33.9	1.854	2.792	9.9	20.3
7 10	20 27.29	−18 49.7	1.808	2.797	6.0	20.1
7 20	20 17.96	−19 8.3	1.788	2.802	1.8	19.8
7 30	20 8.23	−19 26.8	1.795	2.806	2.5	19.9
8 9	19 59.14	−19 42.2	1.830	2.809	6.7	20.2
8 19	19 51.60	−19 53.1	1.891	2.813	10.4	20.4
8 29	19 46.29	−19 58.6	1.974	2.816	13.6	20.6
2599 Veselí			7 23.9 332°.09	10°.8/20.6 18		
6 20	20 47.06	−42 34.1	1.344	2.219	17.2	14.8
6 30	20 41.20	−43 20.6	1.280	2.206	14.4	14.6
7 10	20 31.57	−43 50.8	1.236	2.193	11.9	14.4
7 20	20 19.29	−43 54.2	1.212	2.181	10.8	14.3
7 30	20 6.28	−43 23.7	1.211	2.170	11.7	14.3
8 9	19 54.65	−42 19.0	1.231	2.160	14.3	14.4
8 19	19 46.07	−40 46.0	1.272	2.151	17.4	14.6
8 29	19 41.48	−38 53.5	1.330	2.143	20.5	14.8

437631 2014 BO_{33} 7 23.9 207°.04 2°.6/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 37.55	−10 41.4	2.043	2.890	13.3	21.9
6 30	20 32.53	−10 54.2	1.963	2.887	10.2	21.7
7 10	20 25.66	−11 18.9	1.906	2.884	6.8	21.5
7 20	20 17.51	−11 54.0	1.874	2.881	3.5	21.3
7 30	20 8.89	−12 36.6	1.870	2.877	3.2	21.3
8 9	20 0.72	−13 22.9	1.893	2.873	6.4	21.5
8 19	19 53.83	−14 9.4	1.942	2.869	9.9	21.7
8 29	19 48.90	−14 52.9	2.014	2.864	13.1	21.9

477137 2009 DR_{14} 7 23.9 230°.72 0°.8/23.6 18

6 20	20 39.51	−21 27.0	2.132	3.000	12.0	22.1
6 30	20 33.96	−21 39.1	2.053	2.994	8.9	21.8
7 10	20 26.51	−21 54.4	1.998	2.988	5.4	21.6
7 20	20 17.75	−22 9.8	1.969	2.983	1.6	21.4
7 30	20 8.55	−22 22.4	1.968	2.976	2.7	21.4
8 9	19 59.87	−22 29.9	1.994	2.970	6.4	21.7
8 19	19 52.55	−22 31.3	2.046	2.964	10.0	21.9
8 29	19 47.27	−22 26.4	2.121	2.957	13.0	22.0

294817 2008 CS_{120} 7 24.0 65°.57 1°.3/24.9 18

6 20	20 35.63	−13 7.6	2.062	2.920	12.7	20.4
6 30	20 31.07	−13 45.0	1.992	2.925	9.6	20.2
7 10	20 24.75	−14 33.4	1.944	2.929	6.0	20.0
7 20	20 17.24	−15 29.8	1.923	2.934	2.4	19.7
7 30	20 9.33	−16 30.2	1.929	2.939	2.4	19.7
8 9	20 1.90	−17 30.0	1.962	2.944	6.1	20.0
8 19	19 55.73	−18 25.6	2.022	2.948	9.6	20.2
8 29	19 51.46	−19 14.3	2.105	2.953	12.6	20.4

285965 2001 RS_{96} 7 24.0 296°.59 0°.7/24.4 18

6 20	20 37.19	−16 54.7	1.934	2.802	13.0	20.9
6 30	20 32.41	−17 6.4	1.854	2.794	9.8	20.7
7 10	20 25.66	−17 25.5	1.797	2.786	6.0	20.5
7 20	20 17.52	−17 49.6	1.765	2.778	2.0	20.2
7 30	20 8.88	−18 15.6	1.760	2.771	2.5	20.2
8 9	20 0.73	−18 40.2	1.782	2.763	6.6	20.5
8 19	19 53.96	−19 1.2	1.829	2.756	10.4	20.7
8 29	19 49.30	−19 17.0	1.899	2.749	13.7	20.9

257343 2009 JA_{17} 7 24.0 188°.43 4°.2/26.0 18

6 20	20 39.66	− 8 31.8	1.579	2.431	16.3	20.9
6 30	20 34.52	− 8 28.7	1.507	2.431	12.7	20.7
7 10	20 27.05	− 8 41.9	1.455	2.430	8.8	20.4
7 20	20 17.94	− 9 10.5	1.427	2.430	5.2	20.2
7 30	20 8.26	− 9 51.6	1.425	2.429	4.7	20.2
8 9	19 59.20	−10 40.6	1.448	2.428	8.0	20.4
8 19	19 51.83	−11 32.8	1.495	2.426	12.0	20.6
8 29	19 46.96	−12 23.4	1.564	2.424	15.6	20.8

342385 2008 UA_{34} 7 24.0 0°.30 6°.7/20.6 16

6 20	20 36.81	−30 37.0	1.268	2.171	16.2	19.8
6 30	20 33.23	−31 58.4	1.214	2.168	12.4	19.5
7 10	20 26.62	−33 18.2	1.179	2.167	8.7	19.3
7 20	20 17.86	−34 26.7	1.167	2.166	6.7	19.2
7 30	20 8.39	−35 15.0	1.179	2.167	8.3	19.3
8 9	19 59.89	−35 38.4	1.212	2.169	11.9	19.5
8 19	19 53.71	−35 37.0	1.266	2.172	15.7	19.8
8 29	19 50.81	−35 14.3	1.338	2.176	19.0	20.0

36677 2000 QO_{224} 7 24.0 143°.71 6°.6/28.4 18

6 20	20 37.25	+ 0 18.7	1.957	2.762	15.3	19.7
6 30	20 32.29	+ 0 21.6	1.885	2.768	12.7	19.5
7 10	20 25.50	+ 0 4.4	1.833	2.773	9.8	19.4
7 20	20 17.46	− 0 33.2	1.805	2.779	7.4	19.2
7 30	20 9.01	− 1 29.3	1.802	2.784	6.6	19.2
8 9	20 1.06	− 2 39.5	1.826	2.788	8.1	19.3
8 19	19 54.43	− 3 58.5	1.875	2.793	10.7	19.5
8 29	19 49.78	− 5 20.4	1.947	2.797	13.4	19.7

18789 Metzger 7 24.0 358°.66 0°.3/24.1 18

6 20	20 32.27	−16 30.5	0.946	1.859	19.4	17.3
6 30	20 30.18	−17 4.4	0.891	1.854	14.6	17.0
7 10	20 24.94	−17 54.9	0.853	1.851	8.9	16.7
7 20	20 17.40	−18 56.7	0.834	1.849	2.7	16.3
7 30	20 9.08	−20 1.4	0.837	1.849	3.8	16.4
8 9	20 1.74	−21 0.6	0.861	1.851	9.9	16.8
8 19	19 56.84	−21 48.0	0.904	1.854	15.5	17.1
8 29	19 55.40	−22 20.6	0.964	1.859	20.1	17.4

503279 2015 TS_{144} 7 24.0 65°.17 18°.9/30.9 17

6 20	20 42.40	+11 54.2	1.084	1.871	26.1	20.6
6 30	20 37.29	+14 30.3	1.037	1.877	23.7	20.5
7 10	20 29.05	+16 30.2	1.005	1.884	21.4	20.3
7 20	20 18.58	+17 43.2	0.988	1.891	19.6	20.2
7 30	20 7.35	+18 2.9	0.988	1.898	18.9	20.2
8 9	19 57.07	+17 31.0	1.006	1.906	19.4	20.3
8 19	19 49.19	+16 16.2	1.039	1.913	20.9	20.4
8 29	19 44.73	+14 31.6	1.088	1.920	22.8	20.6

314620 2006 EG_{62} 7 24.0 90°.54 3°.2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 20	20 45.72	−26 22.0	1.334	2.221	16.6	20.9
6 30	20 39.44	−26 37.8	1.276	2.225	12.4	20.7
7 10	20 30.15	−26 52.8	1.239	2.230	7.7	20.5
7 20	20 18.85	−27 1.3	1.224	2.235	3.6	20.2
7 30	20 7.05	−26 58.3	1.235	2.240	5.0	20.3
8 9	19 56.39	−26 42.2	1.271	2.245	9.5	20.6
8 19	19 48.18	−26 13.9	1.329	2.250	13.9	20.9
8 29	19 43.25	−25 36.5	1.407	2.254	17.7	21.1

398873 2013 CQ_{63} 7 24.0 46°.88 2°.1/25.0 18

6 20	20 37.71	−14 8.7	2.021	2.879	13.0	20.6
6 30	20 32.55	−13 54.2	1.953	2.885	9.8	20.4
7 10	20 25.60	−13 47.5	1.908	2.892	6.3	20.2
7 20	20 17.49	−13 47.5	1.889	2.898	2.9	20.0
7 30	20 9.05	−13 52.4	1.896	2.905	2.9	20.0
8 9	20 1.19	−14 0.3	1.931	2.912	6.2	20.2
8 19	19 54.70	−14 9.1	1.992	2.919	9.7	20.5
8 29	19 50.18	−14 17.3	2.075	2.926	12.7	20.7

265264 2004 FO_{7} 7 24.0 236°.53 1°.4/23.3 18

6 20	20 41.89	−21 38.8	1.793	2.665	13.7	21.5
6 30	20 36.19	−22 8.5	1.711	2.655	10.2	21.2
7 10	20 28.10	−22 43.3	1.652	2.643	6.2	21.0
7 20	20 18.30	−23 18.6	1.618	2.631	2.1	20.7
7 30	20 7.82	−23 49.7	1.611	2.619	3.4	20.8
8 9	19 57.87	−24 13.0	1.631	2.606	7.7	21.0
8 19	19 49.56	−24 26.7	1.676	2.593	11.8	21.2
8 29	19 43.74	−24 30.5	1.742	2.579	15.3	21.4

513175 2004 RW_{246} 7 24.0 325°.68 10°.6/20.7 18

6 20	20 55.25	−49 40.6	1.934	2.759	14.8	20.4
6 30	20 46.41	−50 4.1	1.863	2.744	12.9	20.2
7 10	20 34.26	−50 7.7	1.812	2.730	11.3	20.1
7 20	20 20.02	−49 43.4	1.785	2.716	10.6	20.0
7 30	20 5.45	−48 46.6	1.781	2.703	11.1	20.0
8 9	19 52.39	−47 18.5	1.802	2.690	12.8	20.1
8 19	19 42.20	−45 25.1	1.846	2.678	14.9	20.2
8 29	19 35.65	−43 14.8	1.911	2.666	17.1	20.3

445507 2010 WP_{6} 7 24.0 335°.14 2°.2/25.2 18

6 20	20 35.38	−12 48.9	2.101	2.958	12.6	21.0
6 30	20 30.89	−12 49.7	2.023	2.953	9.6	20.8
7 10	20 24.67	−12 59.9	1.967	2.950	6.3	20.6
7 20	20 17.26	−13 18.0	1.937	2.946	3.0	20.4
7 30	20 9.44	−13 42.0	1.934	2.942	2.9	20.4
8 9	20 2.07	−14 8.9	1.958	2.939	6.1	20.6
8 19	19 55.93	−14 36.1	2.008	2.936	9.5	20.8
8 29	19 51.64	−15 1.3	2.081	2.934	12.6	21.0

429393 2010 RT_{12} 7 24.0 253°.00 10°.0/30.2 18

6 20	20 38.91	+ 8 15.0	1.898	2.657	17.3	21.5
6 30	20 33.91	+ 8 29.1	1.798	2.636	15.2	21.3
7 10	20 26.75	+ 8 16.9	1.715	2.615	12.9	21.1
7 20	20 17.94	+ 7 35.1	1.654	2.592	10.8	20.9
7 30	20 8.33	+ 6 22.9	1.617	2.569	10.0	20.8
8 9	19 58.95	+ 4 43.7	1.605	2.544	10.8	20.8
8 19	19 50.82	+ 2 44.2	1.617	2.519	13.1	20.9
8 29	19 44.83	+ 0 33.4	1.653	2.494	15.9	21.0

247130 2000 VW_{41} 7 24.0 197°.20 2°.4/25.3 18

6 20	20 39.58	−11 57.7	2.231	3.074	12.4	21.0
6 30	20 33.89	−11 53.9	2.149	3.072	9.5	20.8
7 10	20 26.44	−11 59.2	2.090	3.068	6.3	20.6
7 20	20 17.78	−12 12.4	2.058	3.064	3.2	20.4
7 30	20 8.69	−12 31.6	2.054	3.060	3.0	20.4
8 9	20 0.05	−12 54.3	2.077	3.055	6.1	20.6
8 19	19 52.63	−13 18.2	2.128	3.050	9.4	20.8
8 29	19 47.08	−13 41.1	2.202	3.043	12.4	21.0

162535 2000 QN_{158} 7 24.0 262°.47 3°.5/25.2 17

6 20	20 41.73	−12 37.7	1.457	2.322	16.7	19.9
6 30	20 36.36	−12 10.8	1.378	2.313	12.9	19.7
7 10	20 28.34	−11 55.1	1.321	2.303	8.6	19.4
7 20	20 18.40	−11 50.4	1.286	2.293	4.4	19.1
7 30	20 7.73	−11 55.0	1.276	2.283	4.3	19.1
8 9	19 57.69	−12 6.2	1.292	2.273	8.5	19.3
8 19	19 49.52	−12 21.0	1.331	2.263	13.0	19.6
8 29	19 44.16	−12 36.7	1.390	2.253	17.1	19.8

16474 1990 QG_{3} 7 24.0 327°.10 2°.3/23.2 18

6 20	20 32.75	−22 3.2	0.941	1.860	18.9	18.8
6 30	20 31.17	−22 27.3	0.858	1.826	14.3	18.4
7 10	20 26.04	−23 1.3	0.793	1.793	8.9	18.0
7 20	20 17.93	−23 39.5	0.746	1.761	3.2	17.5
7 30	20 8.27	−24 14.0	0.720	1.730	5.2	17.5
8 9	19 59.08	−24 37.2	0.713	1.701	11.8	17.7
8 19	19 52.37	−24 44.8	0.724	1.674	18.1	18.0
8 29	19 49.74	−24 35.7	0.750	1.650	23.7	18.2