200541 2001 *FX* 8 3.9 145°.09 5°.1/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.03	− 0 14.9	2.174	2.974	14.2	20.5
7 10	21 15.24	− 0 13.7	2.098	2.981	11.6	20.3
7 20	21 8.75	− 0 29.6	2.044	2.988	8.7	20.1
7 30	21 1.09	− 1 2.5	2.013	2.994	6.1	20.0
8 9	20 53.00	− 1 49.9	2.010	3.000	5.1	19.9
8 19	20 45.28	− 2 48.1	2.033	3.006	6.5	20.0
8 29	20 38.70	− 3 52.1	2.083	3.011	9.1	20.2
9 8	20 33.86	− 4 56.8	2.158	3.016	11.9	20.4

478291 2011 WJ_{16} 8 3.9 222°.91 3°.8/ 6.9 18

6 30	21 18.67	− 4 18.9	2.281	3.100	13.0	21.6
7 10	21 14.22	− 4 14.2	2.198	3.097	10.4	21.4
7 20	21 8.12	− 4 23.1	2.136	3.095	7.5	21.2
7 30	21 0.88	− 4 45.0	2.100	3.092	4.8	21.1
8 9	20 53.19	− 5 17.9	2.090	3.089	3.9	21.0
8 19	20 45.80	− 5 58.6	2.108	3.086	5.8	21.1
8 29	20 39.45	− 6 43.3	2.152	3.083	8.7	21.3
9 8	20 34.75	− 7 28.0	2.221	3.080	11.6	21.5

445274 2009 SV_{359} 8 4.0 299°.48 8°.0/10.3 18

6 30	21 16.77	+ 7 20.9	2.302	3.061	14.7	21.2
7 10	21 12.93	+ 7 55.8	2.203	3.042	12.7	21.0
7 20	21 7.43	+ 8 11.8	2.123	3.023	10.7	20.8
7 30	21 0.69	+ 8 6.6	2.066	3.005	8.9	20.7
8 9	20 53.37	+ 7 39.9	2.032	2.986	8.0	20.6
8 19	20 46.21	+ 6 53.5	2.024	2.968	8.6	20.6
8 29	20 40.00	+ 5 51.4	2.041	2.949	10.3	20.7
9 8	20 35.39	+ 4 39.4	2.080	2.931	12.5	20.8

343357 2010 CL_{75} 8 4.0 266°.28 0°.8/ 3.5 18

6 30	21 22.39	−17 38.1	1.770	2.638	14.1	21.5
7 10	21 17.53	−18 0.1	1.694	2.633	10.6	21.3
7 20	21 10.43	−18 29.5	1.639	2.627	6.6	21.1
7 30	21 1.72	−19 2.2	1.610	2.622	2.2	20.8
8 9	20 52.39	−19 33.4	1.607	2.617	2.6	20.8
8 19	20 43.51	−19 59.0	1.631	2.611	7.0	21.1
8 29	20 36.15	−20 15.9	1.680	2.606	11.1	21.3
9 8	20 31.08	−20 23.1	1.751	2.600	14.6	21.5

483113 2015 MP_{126} 8 4.0 289°.92 1°.7/ 2.7 18

6 30	21 19.43	−19 7.0	2.016	2.885	12.5	21.0
7 10	21 15.13	−19 54.8	1.938	2.878	9.4	20.8
7 20	21 8.86	−20 49.5	1.883	2.871	5.8	20.5
7 30	21 1.19	−21 46.2	1.853	2.864	2.3	20.3
8 9	20 52.94	−22 39.7	1.851	2.858	3.1	20.3
8 19	20 45.03	−23 25.1	1.876	2.851	6.8	20.6
8 29	20 38.40	−23 59.3	1.927	2.844	10.4	20.8
9 8	20 33.75	−24 20.8	2.000	2.837	13.5	21.0

66100 1998 SG_{17} 8 4.0 4°.29 1°.0/ 3.4 18

6 30	21 17.18	−17 43.2	1.640	2.521	14.3	18.4
7 10	21 13.71	−18 12.7	1.574	2.520	10.7	18.2
7 20	21 8.06	−18 50.2	1.531	2.521	6.6	17.9
7 30	21 0.91	−19 31.3	1.511	2.523	2.2	17.7
8 9	20 53.24	−20 10.6	1.517	2.526	2.8	17.7
8 19	20 46.09	−20 43.5	1.548	2.530	7.1	18.0
8 29	20 40.46	−21 6.6	1.603	2.534	11.1	18.2
9 8	20 37.08	−21 18.3	1.680	2.540	14.6	18.5

144347 2004 DO_{36} 8 4.0 207°.32 3°.5/ 6.7 18

6 30	21 18.74	− 5 12.7	2.037	2.865	14.0	20.4
7 10	21 14.46	− 5 21.1	1.958	2.865	11.1	20.2
7 20	21 8.36	− 5 44.8	1.900	2.865	7.8	20.0
7 30	21 1.01	− 6 22.6	1.867	2.864	4.7	19.8
8 9	20 53.16	− 7 11.4	1.861	2.864	3.6	19.8
8 19	20 45.65	− 8 6.9	1.881	2.863	6.1	19.9
8 29	20 39.33	− 9 4.4	1.928	2.863	9.4	20.1
9 8	20 34.83	− 9 59.2	1.999	2.862	12.5	20.3

478061 2011 TN_{15} 8 4.0 296°.23 4°.2/ 6.5 16

6 30	21 19.80	− 5 54.5	1.882	2.717	14.8	21.4
7 10	21 15.59	− 5 36.7	1.783	2.694	11.9	21.1
7 20	21 9.29	− 5 33.0	1.705	2.670	8.5	20.9
7 30	21 1.39	− 5 43.6	1.651	2.647	5.3	20.6
8 9	20 52.72	− 6 7.0	1.622	2.624	4.3	20.5
8 19	20 44.23	− 6 40.0	1.620	2.601	7.0	20.6
8 29	20 36.95	− 7 18.6	1.643	2.578	10.7	20.8
9 8	20 31.70	− 7 58.0	1.689	2.555	14.2	21.0

488348 2016 WM_4 8 4.0 142°.79 3°.1/ 1.2 18

6 30	21 20.37	−25 20.8	2.534	3.400	10.4	21.0
7 10	21 15.43	−26 12.4	2.468	3.405	7.8	20.9
7 20	21 8.84	−27 4.8	2.427	3.410	5.1	20.7
7 30	21 1.14	−27 53.4	2.413	3.415	3.2	20.6
8 9	20 53.05	−28 34.0	2.427	3.420	4.0	20.7
8 19	20 45.34	−29 3.5	2.469	3.425	6.6	20.8
8 29	20 38.75	−29 20.4	2.537	3.429	9.2	21.0
9 8	20 33.84	−29 24.9	2.628	3.433	11.6	21.2

438297 2006 CV_{38} 8 4.0 265°.14 5°.9/ 9.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.26	+ 3 14.9	1.834	2.630	16.5	21.1
7 10	21 14.37	+ 2 39.3	1.747	2.625	13.7	20.9
7 20	21 8.46	+ 1 37.6	1.679	2.619	10.6	20.7
7 30	21 1.08	+ 0 10.0	1.634	2.613	7.5	20.5
8 9	20 53.06	− 1 39.3	1.616	2.608	5.9	20.4
8 19	20 45.33	− 3 43.3	1.625	2.602	7.3	20.5
8 29	20 38.85	− 5 52.8	1.660	2.596	10.5	20.6
9 8	20 34.38	− 7 58.8	1.720	2.590	13.8	20.8

11703 Glassman 8 4.0 14°.29 0°.2/ 4.2 18

6 30	21 20.33	−14 35.9	1.519	2.392	15.7	18.3
7 10	21 16.21	−14 59.7	1.453	2.394	11.9	18.0
7 20	21 9.69	−15 34.9	1.408	2.396	7.4	17.8
7 30	21 1.50	−16 17.6	1.386	2.398	2.6	17.5
8 9	20 52.70	−17 2.1	1.390	2.401	2.4	17.5
8 19	20 44.48	−17 43.1	1.419	2.404	7.2	17.8
8 29	20 37.94	−18 16.2	1.472	2.408	11.6	18.1
9 8	20 33.86	−18 39.0	1.547	2.412	15.4	18.3

75276 1999 XK_{19} 8 4.0 257°.20 0°.3/ 3.8 18

6 30	21 23.61	−15 41.4	1.696	2.560	14.8	19.8
7 10	21 18.73	−16 12.2	1.607	2.543	11.2	19.6
7 20	21 11.37	−16 53.9	1.539	2.526	7.0	19.3
7 30	21 2.13	−17 42.3	1.496	2.508	2.4	18.9
8 9	20 52.01	−18 31.8	1.479	2.490	2.6	18.9
8 19	20 42.17	−19 16.8	1.490	2.471	7.4	19.2
8 29	20 33.85	−19 52.8	1.525	2.452	11.9	19.4
9 8	20 27.96	−20 17.6	1.581	2.432	15.8	19.6

513707 2012 DL_{30} 8 4.0 154°.58 1°.2/ 4.9 18

6 30	21 20.63	−13 3.8	2.404	3.248	11.6	21.7
7 10	21 15.57	−12 59.9	2.326	3.250	8.9	21.5
7 20	21 8.92	−13 3.0	2.272	3.251	5.7	21.3
7 30	21 1.18	−13 11.6	2.244	3.253	2.4	21.1
8 9	20 53.06	−13 23.3	2.244	3.254	1.9	21.0
8 19	20 45.30	−13 35.8	2.273	3.255	5.1	21.3
8 29	20 38.62	−13 46.9	2.328	3.256	8.3	21.5
9 8	20 33.59	−13 54.9	2.408	3.257	11.1	21.7

395961 2013 AU_{171} 8 4.0 202°.48 4°.9/ 7.9 18 R

6 30	21 19.14	− 1 12.2	2.247	3.051	13.7	21.3
7 10	21 14.61	− 1 1.2	2.164	3.049	11.2	21.1
7 20	21 8.40	− 1 5.7	2.101	3.047	8.4	20.9
7 30	21 1.03	− 1 25.9	2.064	3.045	5.9	20.8
8 9	20 53.19	− 2 0.0	2.052	3.043	4.9	20.7
8 19	20 45.65	− 2 44.9	2.068	3.041	6.4	20.8
8 29	20 39.17	− 3 36.5	2.110	3.038	9.0	20.9
9 8	20 34.36	− 4 30.0	2.177	3.035	11.8	21.1

289820 2005 KD_3 8 4.0 52°.85 3°.1/ 6.2 16

6 30	21 19.49	− 7 16.5	1.878	2.718	14.5	21.3
7 10	21 15.12	− 7 20.6	1.806	2.722	11.4	21.1
7 20	21 8.81	− 7 39.2	1.755	2.727	7.8	20.9
7 30	21 1.18	− 8 10.7	1.729	2.731	4.4	20.7
8 9	20 53.07	− 8 51.7	1.729	2.735	3.3	20.6
8 19	20 45.38	− 9 38.0	1.756	2.740	6.2	20.8
8 29	20 39.02	−10 25.1	1.809	2.745	9.8	21.0
9 8	20 34.64	−11 8.7	1.884	2.749	13.0	21.2

223630 2004 JY_{33} 8 4.0 78°.03 1°.5/ 4.9 17

6 30	21 22.59	−11 5.4	1.545	2.404	16.2	20.7
7 10	21 17.70	−11 28.9	1.488	2.420	12.3	20.5
7 20	21 10.49	−12 6.6	1.453	2.435	7.9	20.3
7 30	21 1.74	−12 54.7	1.441	2.451	3.3	20.1
8 9	20 52.54	−13 47.7	1.456	2.466	2.5	20.0
8 19	20 44.02	−14 40.0	1.496	2.482	6.9	20.4
8 29	20 37.21	−15 26.5	1.561	2.497	11.1	20.6
9 8	20 32.83	−16 4.0	1.648	2.512	14.6	20.9

430749 2004 NW_{33} 8 4.0 3°.61 8°.7/31.1 18

6 30	21 30.00	−36 32.4	1.448	2.324	16.2	20.1
7 10	21 23.95	−37 18.1	1.393	2.323	13.0	19.9
7 20	21 14.67	−37 53.2	1.358	2.323	10.2	19.7
7 30	21 3.20	−38 8.3	1.345	2.324	8.8	19.7
8 9	20 51.13	−37 56.9	1.357	2.325	9.7	19.7
8 19	20 40.16	−37 17.5	1.391	2.326	12.4	19.9
8 29	20 31.71	−36 13.4	1.448	2.328	15.5	20.1
9 8	20 26.62	−34 51.0	1.523	2.330	18.4	20.3

352018 2006 VW_{15} 8 4.0 132°.58 5°.6/ 8.7 18

6 30	21 19.77	+ 1 44.3	2.495	3.275	13.1	21.1
7 10	21 14.85	+ 2 7.7	2.419	3.284	10.9	21.0
7 20	21 8.44	+ 2 15.9	2.366	3.293	8.5	20.8
7 30	21 1.02	+ 2 8.3	2.336	3.302	6.5	20.7
8 9	20 53.25	+ 1 46.1	2.333	3.310	5.6	20.7
8 19	20 45.81	+ 1 11.7	2.358	3.319	6.5	20.8
8 29	20 39.37	+ 0 28.6	2.409	3.326	8.6	20.9
9 8	20 34.46	− 0 18.9	2.485	3.334	10.8	21.1

329163 2012 BH_{101} 8 4.0 155°.25 3°.1/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 23.22	− 7 27.1	1.632	2.475	16.3	22.0
7 10	21 18.20	− 7 40.3	1.561	2.480	12.7	21.8
7 20	21 10.87	− 8 10.4	1.511	2.484	8.6	21.6
7 30	21 1.92	− 8 55.2	1.485	2.488	4.6	21.3
8 9	20 52.36	− 9 50.2	1.484	2.492	3.4	21.3
8 19	20 43.31	−10 49.9	1.510	2.495	6.9	21.5
8 29	20 35.84	−11 48.3	1.562	2.498	11.0	21.7
9 8	20 30.75	−12 40.6	1.636	2.500	14.7	22.0

4208 Kiselev 8 4.0 312°.64 2°.1/ 5.9 18

6 30	21 16.38	− 7 4.5	2.244	3.079	12.7	16.3
7 10	21 12.62	− 7 47.7	2.158	3.073	9.9	16.1
7 20	21 7.23	− 8 45.7	2.094	3.067	6.7	15.9
7 30	21 0.66	− 9 56.0	2.057	3.061	3.4	15.7
8 9	20 53.60	−11 14.4	2.047	3.055	2.4	15.6
8 19	20 46.80	−12 35.6	2.065	3.050	5.4	15.8
8 29	20 41.00	−13 54.3	2.111	3.045	8.7	16.0
9 8	20 36.84	−15 6.2	2.181	3.039	11.8	16.2

9324 1989 CH_4 8 4.0 92°.72 0°.4/ 3.8 18

6 30	21 25.72	−16 32.7	1.574	2.440	15.6	17.8
7 10	21 20.00	−16 54.5	1.519	2.457	11.7	17.6
7 20	21 11.90	−17 24.7	1.487	2.474	7.2	17.4
7 30	21 2.23	−17 58.7	1.478	2.490	2.4	17.1
8 9	20 52.15	−18 31.2	1.497	2.507	2.6	17.1
8 19	20 42.83	−18 57.9	1.541	2.523	7.2	17.5
8 29	20 35.34	−19 16.0	1.611	2.538	11.3	17.8
9 8	20 30.39	−19 24.4	1.702	2.554	14.8	18.0

445363 2010 OU_{40} 8 4.0 83°.32 5°.8/ 8.5 18

6 30	21 19.11	+ 0 54.6	2.279	3.071	13.8	20.8
7 10	21 14.51	+ 1 23.2	2.204	3.077	11.5	20.7
7 20	21 8.30	+ 1 36.0	2.150	3.084	8.9	20.5
7 30	21 1.01	+ 1 32.2	2.121	3.091	6.7	20.4
8 9	20 53.32	+ 1 13.0	2.117	3.097	5.8	20.3
8 19	20 45.98	+ 0 40.8	2.140	3.104	6.9	20.4
8 29	20 39.72	− 0 0.6	2.189	3.111	9.1	20.6
9 8	20 35.09	− 0 46.6	2.262	3.117	11.5	20.7

138824 2000 UK_{28} 8 4.0 293°.96 1°.4/ 4.8 18

6 30	21 21.76	−13 35.9	2.077	2.928	13.0	19.9
7 10	21 16.81	−13 22.2	1.985	2.913	9.9	19.7
7 20	21 9.91	−13 15.7	1.917	2.898	6.4	19.4
7 30	21 1.61	−13 15.0	1.874	2.883	2.7	19.2
8 9	20 52.71	−13 17.9	1.859	2.869	2.2	19.1
8 19	20 44.12	−13 21.9	1.871	2.854	5.9	19.3
8 29	20 36.74	−13 25.0	1.909	2.840	9.7	19.5
9 8	20 31.30	−13 25.2	1.971	2.825	13.0	19.7

39604 1993 TM_{23} 8 4.0 234°.16 2°.5/ 5.6 18

6 30	21 22.63	− 8 31.3	1.651	2.498	15.9	19.1
7 10	21 17.93	− 8 50.4	1.566	2.489	12.4	18.9
7 20	21 10.85	− 9 26.3	1.503	2.479	8.4	18.6
7 30	21 1.99	−10 16.7	1.464	2.470	4.1	18.4
8 9	20 52.34	−11 16.9	1.450	2.459	3.0	18.3
8 19	20 43.03	−12 21.2	1.463	2.448	7.0	18.5
8 29	20 35.22	−13 23.3	1.502	2.437	11.4	18.7
9 8	20 29.79	−14 18.4	1.562	2.426	15.3	18.9

481513 2007 EM_{202} 8 4.0 211°.40 2°.3/ 2.1 18

6 30	21 21.52	−24 5.0	2.690	3.550	10.1	22.0
7 10	21 16.23	−24 34.4	2.610	3.545	7.5	21.8
7 20	21 9.35	−25 4.8	2.555	3.539	4.8	21.6
7 30	21 1.38	−25 32.5	2.527	3.534	2.6	21.4
8 9	20 53.00	−25 54.3	2.528	3.528	3.3	21.5
8 19	20 44.94	−26 7.6	2.557	3.521	5.9	21.6
8 29	20 37.93	−26 11.2	2.614	3.514	8.6	21.8
9 8	20 32.52	−26 5.0	2.694	3.507	11.1	22.0

397532 2007 TL_{212} 8 4.0 307°.27 1°.5/ 3.2 18

6 30	21 22.90	−20 8.7	1.872	2.741	13.4	20.8
7 10	21 17.81	−20 26.1	1.799	2.738	10.0	20.6
7 20	21 10.56	−20 47.8	1.748	2.736	6.2	20.4
7 30	21 1.83	−21 9.8	1.723	2.734	2.3	20.1
8 9	20 52.57	−21 27.8	1.725	2.732	2.9	20.2
8 19	20 43.80	−21 38.7	1.753	2.730	6.9	20.4
8 29	20 36.52	−21 40.5	1.807	2.729	10.7	20.6
9 8	20 31.45	−21 32.9	1.883	2.727	14.0	20.8

343470 2010 EW_{69} 8 4.0 18°.41 1°.8/ 2.8 18

6 30	21 20.68	−18 54.6	1.800	2.673	13.7	20.7
7 10	21 16.25	−19 44.2	1.731	2.673	10.2	20.5
7 20	21 9.65	−20 41.2	1.684	2.674	6.3	20.3
7 30	21 1.54	−21 40.3	1.663	2.674	2.4	20.0
8 9	20 52.86	−22 35.3	1.668	2.675	3.3	20.1
8 19	20 44.64	−23 21.2	1.700	2.676	7.3	20.3
8 29	20 37.89	−23 54.6	1.757	2.676	11.1	20.6
9 8	20 33.35	−24 14.3	1.836	2.677	14.3	20.8

329578 2002 VS_{143} 8 4.0 331°.09 3°.4/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 17.08	−20 53.7	1.097	2.003	17.8	20.3
7 10	21 14.93	−21 38.2	1.022	1.982	13.5	20.0
7 20	21 9.56	−22 33.1	0.966	1.961	8.6	19.7
7 30	21 1.69	−23 31.0	0.930	1.942	3.9	19.3
8 9	20 52.63	−24 22.2	0.917	1.923	5.3	19.4
8 19	20 44.06	−24 58.6	0.925	1.906	10.7	19.6
8 29	20 37.66	−25 15.2	0.953	1.891	16.0	19.8
9 8	20 34.64	−25 11.0	0.998	1.877	20.7	20.1

6894 Macreid 8 4.0 279°.94 4°.2/ 5.6 18

6 30	21 27.86	− 9 19.3	1.821	2.655	15.2	17.2
7 10	21 21.55	− 8 15.9	1.735	2.647	12.0	16.9
7 20	21 12.94	− 7 20.8	1.671	2.639	8.5	16.7
7 30	21 2.68	− 6 34.9	1.633	2.631	5.1	16.5
8 9	20 51.75	− 5 58.6	1.622	2.624	4.4	16.4
8 19	20 41.26	− 5 31.4	1.639	2.616	7.3	16.6
8 29	20 32.29	− 5 12.0	1.682	2.608	11.0	16.8
9 8	20 25.64	− 4 57.8	1.748	2.601	14.4	17.0

7787 Annalaura 8 4.0 335°.79 1°.2/ 3.3 18

6 30	21 19.33	−16 41.3	1.324	2.211	16.7	18.0
7 10	21 15.95	−17 25.4	1.254	2.203	12.6	17.8
7 20	21 9.83	−18 22.2	1.204	2.196	7.8	17.5
7 30	21 1.69	−19 25.9	1.177	2.189	2.7	17.1
8 9	20 52.71	−20 28.5	1.173	2.183	3.4	17.2
8 19	20 44.26	−21 22.8	1.194	2.177	8.6	17.5
8 29	20 37.68	−22 3.4	1.238	2.173	13.4	17.7
9 8	20 33.92	−22 28.0	1.301	2.168	17.6	18.0

345002 2005 BR_{10} 8 4.0 227°.70 0°.0/ 3.8 18

6 30	21 20.25	−13 17.8	2.077	2.930	12.9	21.1
7 10	21 15.74	−14 12.7	1.992	2.923	9.7	20.9
7 20	21 9.29	−15 19.5	1.931	2.915	6.1	20.6
7 30	21 1.45	−16 34.1	1.896	2.907	2.1	20.4
8 9	20 53.00	−17 50.9	1.889	2.899	2.1	20.3
8 19	20 44.82	−19 4.2	1.910	2.891	6.1	20.6
8 29	20 37.81	−20 9.1	1.958	2.882	9.9	20.8
9 8	20 32.71	−21 2.5	2.029	2.872	13.1	21.0

504454 2008 CK_{142} 8 4.0 250°.28 1°.3/ 3.3 17

6 30	21 26.45	−19 8.4	1.725	2.590	14.5	22.2
7 10	21 20.87	−19 28.2	1.636	2.574	11.0	21.9
7 20	21 12.73	−19 54.2	1.570	2.557	6.9	21.6
7 30	21 2.68	−20 22.1	1.528	2.540	2.5	21.3
8 9	20 51.77	−20 46.8	1.514	2.522	3.0	21.3
8 19	20 41.21	−21 4.0	1.526	2.504	7.6	21.6
8 29	20 32.26	−21 11.0	1.564	2.485	12.0	21.8
9 8	20 25.83	−21 7.3	1.623	2.466	15.8	22.0

37011 2000 TZ_{48} 8 4.0 206°.42 1°.5/ 5.4 18

6 30	21 18.23	− 9 40.7	2.324	3.163	12.1	19.6
7 10	21 13.95	−10 13.4	2.242	3.161	9.3	19.4
7 20	21 8.04	−10 57.9	2.183	3.159	6.1	19.2
7 30	21 0.99	−11 51.5	2.150	3.157	2.8	19.0
8 9	20 53.48	−12 50.6	2.145	3.155	2.0	18.9
8 19	20 46.26	−13 50.7	2.169	3.153	5.2	19.1
8 29	20 40.07	−14 47.8	2.220	3.150	8.5	19.3
9 8	20 35.51	−15 38.5	2.295	3.148	11.5	19.5

24928 Susanbehel 8 4.0 349°.20 8°.5/31.7 18

6 30	21 18.27	−31 16.9	0.938	1.856	19.1	17.0
7 10	21 16.32	−32 1.0	0.881	1.842	15.0	16.7
7 20	21 10.58	−32 39.6	0.841	1.829	11.0	16.4
7 30	21 2.03	−33 1.2	0.821	1.819	8.6	16.3
8 9	20 52.47	−32 56.2	0.819	1.811	9.9	16.3
8 19	20 43.90	−32 20.8	0.838	1.805	13.8	16.5
8 29	20 38.16	−31 17.0	0.874	1.802	18.3	16.7
9 8	20 36.27	−29 51.1	0.926	1.800	22.4	17.0

503994 2004 VZ_{22} 8 4.0 227°.62 11°.4/14.7 18

6 30	21 22.29	+22 52.6	2.788	3.397	15.2	22.2
7 10	21 16.97	+23 56.0	2.689	3.382	14.2	22.1
7 20	21 9.96	+24 38.2	2.606	3.366	13.1	22.0
7 30	21 1.69	+24 55.3	2.542	3.349	12.1	21.9
8 9	20 52.78	+24 45.1	2.500	3.332	11.5	21.8
8 19	20 43.98	+24 7.5	2.480	3.314	11.5	21.8
8 29	20 36.05	+23 5.3	2.482	3.295	12.0	21.8
9 8	20 29.66	+21 43.7	2.506	3.275	13.1	21.8

3291 Dunlap 8 4.0 358°.07 0°.4/ 4.3 18

6 30	21 18.22	−14 20.6	1.965	2.828	13.1	17.1
7 10	21 14.20	−14 42.2	1.891	2.826	9.9	16.9
7 20	21 8.31	−15 13.1	1.840	2.825	6.2	16.7
7 30	21 1.11	−15 50.2	1.813	2.825	2.2	16.4
8 9	20 53.42	−16 29.3	1.813	2.824	2.0	16.4
8 19	20 46.13	−17 6.3	1.841	2.824	6.0	16.6
8 29	20 40.10	−17 37.8	1.894	2.825	9.7	16.9
9 8	20 35.98	−18 1.5	1.969	2.826	12.9	17.1

483240 2015 RY_{125} 8 4.0 26°.21 2°.0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.95	−22 32.6	2.019	2.887	12.6	20.6
7 10	21 17.66	−22 43.9	1.950	2.890	9.4	20.4
7 20	21 10.39	−22 56.9	1.905	2.893	5.9	20.2
7 30	21 1.79	−23 7.7	1.886	2.896	2.5	20.0
8 9	20 52.78	−23 12.8	1.894	2.899	3.2	20.0
8 19	20 44.30	−23 9.9	1.929	2.903	6.7	20.2
8 29	20 37.26	−22 57.9	1.990	2.907	10.1	20.5
9 8	20 32.29	−22 37.3	2.073	2.911	13.1	20.7

342193 2008 SQ_{205} 8 4.1 240°.58 2°.1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.86	− 8 57.0	2.118	2.955	13.2	21.8
7 10	21 16.16	− 9 16.1	2.026	2.943	10.3	21.5
7 20	21 9.56	− 9 48.1	1.955	2.930	6.9	21.3
7 30	21 1.58	−10 31.2	1.911	2.916	3.4	21.1
8 9	20 52.97	−11 21.7	1.894	2.902	2.5	21.0
8 19	20 44.60	−12 15.5	1.905	2.888	5.8	21.2
8 29	20 37.35	−13 8.1	1.942	2.873	9.5	21.4
9 8	20 31.95	−13 55.6	2.003	2.858	12.8	21.5

17667 1996 XT_5 8 4.1 204°.68 1°.7/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.38	−11 42.0	2.303	3.144	12.2	18.4
7 10	21 16.28	−11 35.6	2.222	3.142	9.4	18.2
7 20	21 9.47	−11 37.4	2.163	3.140	6.2	18.0
7 30	21 1.50	−11 46.0	2.131	3.138	2.9	17.8
8 9	20 53.09	−11 59.1	2.127	3.136	2.2	17.8
8 19	20 45.03	−12 14.3	2.151	3.134	5.3	18.0
8 29	20 38.09	−12 29.0	2.202	3.131	8.6	18.2
9 8	20 32.86	−12 41.2	2.277	3.128	11.6	18.4

392813 2012 TF_{257} 8 4.1 315°.13 2°.5/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.97	−11 1.9	1.752	2.602	15.0	20.7
7 10	21 17.96	−10 41.7	1.674	2.599	11.6	20.5
7 20	21 10.74	−10 32.2	1.619	2.596	7.8	20.3
7 30	21 1.98	−10 32.2	1.587	2.593	3.9	20.0
8 9	20 52.62	−10 39.2	1.582	2.591	3.0	20.0
8 19	20 43.73	−10 50.6	1.604	2.588	6.7	20.2
8 29	20 36.33	−11 3.1	1.651	2.585	10.6	20.4
9 8	20 31.16	−11 13.9	1.720	2.583	14.2	20.6

479971 2014 JT_{37} 8 4.1 56°.57 5°.1/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.51	− 1 18.4	2.074	2.884	14.4	21.5
7 10	21 14.26	− 1 8.0	1.999	2.889	11.7	21.3
7 20	21 8.27	− 1 14.4	1.946	2.894	8.8	21.2
7 30	21 1.10	− 1 37.4	1.916	2.899	6.2	21.0
8 9	20 53.49	− 2 15.0	1.912	2.904	5.1	20.9
8 19	20 46.25	− 3 3.6	1.935	2.910	6.6	21.1
8 29	20 40.17	− 3 58.5	1.984	2.915	9.3	21.2
9 8	20 35.85	− 4 54.7	2.056	2.920	12.1	21.4

476584 2008 RP_{131} 8 4.1 305°.32 6°.7/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.29	+ 1 9.2	1.588	2.408	17.7	21.3
7 10	21 14.09	+ 1 10.6	1.496	2.389	14.8	21.1
7 20	21 8.58	+ 0 46.9	1.422	2.371	11.4	20.8
7 30	21 1.32	− 0 3.2	1.370	2.352	8.2	20.6
8 9	20 53.20	− 1 17.5	1.342	2.334	6.7	20.5
8 19	20 45.30	− 2 50.6	1.338	2.317	8.4	20.5
8 29	20 38.76	− 4 34.1	1.359	2.300	11.9	20.7
9 8	20 34.51	− 6 18.8	1.402	2.283	15.7	20.9

204073 2003 VS_7 8 4.1 244°.37 2°.5/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.10	−21 42.7	2.043	2.911	12.5	20.7
7 10	21 17.23	−22 29.5	1.962	2.902	9.3	20.5
7 20	21 10.28	−23 21.0	1.905	2.892	5.9	20.3
7 30	21 1.84	−24 12.1	1.874	2.883	2.8	20.1
8 9	20 52.77	−24 57.3	1.870	2.873	3.7	20.1
8 19	20 44.06	−25 32.4	1.894	2.863	7.2	20.3
8 29	20 36.66	−25 54.6	1.943	2.852	10.7	20.5
9 8	20 31.33	−26 3.5	2.014	2.842	13.8	20.7

266273 2007 AX_{16} 8 4.1 160°.29 0°.5/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.86	−14 49.9	1.817	2.673	14.3	21.2
7 10	21 19.28	−15 0.0	1.745	2.677	10.8	21.0
7 20	21 11.51	−15 18.9	1.696	2.680	6.8	20.8
7 30	21 2.24	−15 43.2	1.672	2.683	2.5	20.5
8 9	20 52.43	−16 9.0	1.676	2.686	2.2	20.5
8 19	20 43.15	−16 32.6	1.706	2.689	6.5	20.8
8 29	20 35.39	−16 50.9	1.762	2.691	10.5	21.0
9 8	20 29.89	−17 2.2	1.841	2.692	13.9	21.3

177033 2003 CS_3 8 4.1 117°.17 2°.7/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.63	− 4 39.4	2.422	3.239	12.4	20.1
7 10	21 14.10	− 5 17.4	2.350	3.252	9.8	20.0
7 20	21 8.06	− 6 9.7	2.301	3.264	6.8	19.8
7 30	21 1.02	− 7 14.2	2.278	3.276	3.9	19.6
8 9	20 53.62	− 8 26.9	2.283	3.288	2.8	19.6
8 19	20 46.55	− 9 43.2	2.317	3.299	5.1	19.7
8 29	20 40.50	−10 58.4	2.379	3.310	8.0	19.9
9 8	20 35.99	−12 8.5	2.467	3.321	10.7	20.1

22567 Zenisek 8 4.1 351°.46 5°.0/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 23.65	−26 8.1	1.123	2.024	18.0	17.8
7 10	21 19.71	−26 36.9	1.064	2.018	13.7	17.5
7 20	21 12.38	−27 6.1	1.023	2.014	9.0	17.3
7 30	21 2.63	−27 27.3	1.004	2.010	5.3	17.1
8 9	20 52.05	−27 33.0	1.007	2.007	6.5	17.1
8 19	20 42.38	−27 19.2	1.032	2.006	11.0	17.4
8 29	20 35.21	−26 46.0	1.078	2.005	15.6	17.6
9 8	20 31.50	−25 56.7	1.142	2.006	19.7	17.9

196482 2003 KW_3 8 4.1 18°.43 3°.9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.29	−24 53.7	1.188	2.085	17.5	18.9
7 10	21 18.99	−25 10.5	1.139	2.093	13.1	18.7
7 20	21 11.66	−25 27.8	1.110	2.101	8.4	18.4
7 30	21 2.31	−25 38.9	1.102	2.111	4.4	18.2
8 9	20 52.44	−25 37.9	1.118	2.121	5.3	18.3
8 19	20 43.61	−25 22.1	1.156	2.133	9.7	18.6
8 29	20 37.12	−24 51.7	1.217	2.146	14.1	18.9
9 8	20 33.76	−24 9.1	1.297	2.160	17.8	19.2

514093 2014 WD_{492} 8 4.1 185°.69 8°.2/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.80	−35 23.4	1.708	2.576	14.5	21.1
7 10	21 23.62	−36 45.3	1.650	2.576	11.7	21.0
7 20	21 14.51	−38 0.5	1.614	2.576	9.2	20.8
7 30	21 3.32	−38 59.2	1.602	2.575	8.2	20.7
8 9	20 51.39	−39 33.6	1.616	2.574	9.3	20.8
8 19	20 40.21	−39 40.5	1.654	2.572	11.8	21.0
8 29	20 31.15	−39 20.9	1.714	2.570	14.7	21.1
9 8	20 25.11	−38 39.3	1.793	2.568	17.3	21.3

35600 1998 HY_{121} 8 4.1 82°.78 6°.1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.30	−28 51.1	1.715	2.595	13.9	18.5
7 10	21 18.50	−30 25.4	1.661	2.602	10.6	18.4
7 20	21 11.21	−31 59.1	1.630	2.609	7.6	18.2
7 30	21 2.17	−33 23.1	1.625	2.616	6.1	18.1
8 9	20 52.51	−34 29.4	1.646	2.624	7.4	18.2
8 19	20 43.45	−35 13.1	1.691	2.631	10.2	18.4
8 29	20 36.16	−35 33.0	1.760	2.638	13.3	18.6
9 8	20 31.44	−35 31.3	1.848	2.645	16.0	18.8

388621 2007 TN_{28} 8 4.1 308°.72 1°.3/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.18	−12 22.9	1.780	2.639	14.4	21.0
7 10	21 15.93	−12 33.2	1.699	2.631	11.1	20.7
7 20	21 9.53	−12 54.8	1.640	2.623	7.2	20.5
7 30	21 1.60	−13 25.4	1.606	2.615	3.0	20.2
8 9	20 53.04	−14 1.0	1.597	2.608	2.3	20.2
8 19	20 44.86	−14 37.2	1.615	2.600	6.5	20.4
8 29	20 38.06	−15 10.0	1.658	2.593	10.6	20.6
9 8	20 33.42	−15 36.3	1.724	2.586	14.1	20.8

56344 1999 YV_{17} 8 4.1 267°.32 9°.8/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 46.37	−37 41.6	1.114	1.983	20.4	18.7
7 10	21 37.52	−37 50.2	1.046	1.973	16.6	18.5
7 20	21 23.78	−37 41.4	0.995	1.963	12.7	18.2
7 30	21 6.56	−37 1.6	0.966	1.953	10.0	18.0
8 9	20 48.34	−35 42.8	0.961	1.942	10.7	18.0
8 19	20 31.85	−33 46.7	0.979	1.931	14.3	18.2
8 29	20 19.30	−31 23.9	1.019	1.921	18.7	18.4
9 8	20 11.70	−28 48.2	1.078	1.910	22.8	18.7

315250 2007 SR_5 8 4.1 347°.40 3°.0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.17	−21 0.6	0.906	1.822	19.7	19.9
7 10	21 15.33	−21 23.2	0.846	1.811	14.9	19.6
7 20	21 9.94	−21 54.2	0.803	1.800	9.4	19.2
7 30	21 1.88	−22 26.4	0.780	1.792	3.9	18.9
8 9	20 52.77	−22 51.0	0.776	1.785	5.0	18.9
8 19	20 44.47	−23 1.3	0.793	1.780	10.9	19.2
8 29	20 38.76	−22 54.1	0.829	1.777	16.5	19.5
9 8	20 36.71	−22 29.7	0.880	1.775	21.3	19.8

421422 2013 WO_{90} 8 4.1 101°.02 3°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.79	−24 52.5	1.744	2.619	13.9	20.1
7 10	21 19.39	−25 42.6	1.686	2.628	10.4	19.9
7 20	21 11.63	−26 34.1	1.651	2.637	6.8	19.7
7 30	21 2.29	−27 20.4	1.641	2.646	4.0	19.6
8 9	20 52.46	−27 55.7	1.658	2.655	5.0	19.6
8 19	20 43.28	−28 16.0	1.700	2.663	8.4	19.9
8 29	20 35.83	−28 20.2	1.767	2.672	11.9	20.1
9 8	20 30.84	−28 9.4	1.855	2.680	14.9	20.3

33109 1998 AB_2 8 4.1 199°.24 1°.7/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.41	−18 32.0	1.909	2.775	13.3	19.1
7 10	21 17.51	−19 25.7	1.835	2.773	9.9	18.9
7 20	21 10.48	−20 27.3	1.783	2.771	6.1	18.6
7 30	21 1.93	−21 31.3	1.757	2.768	2.4	18.4
8 9	20 52.76	−22 31.7	1.759	2.765	3.2	18.5
8 19	20 43.99	−23 23.2	1.788	2.762	7.1	18.7
8 29	20 36.62	−24 2.4	1.842	2.758	10.8	18.9
9 8	20 31.40	−24 27.8	1.919	2.754	14.1	19.1

99070 Strittmatter 8 4.1 58°.06 4°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 23.01	−29 7.7	2.288	3.154	11.3	19.0
7 10	21 17.61	−29 40.2	2.224	3.158	8.7	18.8
7 20	21 10.33	−30 10.1	2.184	3.162	6.0	18.7
7 30	21 1.82	−30 32.8	2.170	3.167	4.2	18.6
8 9	20 52.92	−30 44.3	2.183	3.171	5.0	18.6
8 19	20 44.55	−30 42.5	2.224	3.175	7.5	18.8
8 29	20 37.53	−30 27.1	2.289	3.179	10.2	19.0
9 8	20 32.47	−29 59.6	2.378	3.184	12.6	19.1

147671 2004 LJ_9 8 4.1 299°.16 1°.1/ 3.1 18

6 30	21 18.47	−16 22.3	2.019	2.885	12.7	19.7
7 10	21 14.49	−17 24.6	1.939	2.878	9.5	19.5
7 20	21 8.59	−18 36.8	1.883	2.871	5.8	19.2
7 30	21 1.29	−19 54.1	1.853	2.864	2.0	19.0
8 9	20 53.39	−21 10.4	1.850	2.858	2.7	19.0
8 19	20 45.80	−22 19.9	1.875	2.852	6.6	19.2
8 29	20 39.41	−23 18.2	1.925	2.845	10.2	19.4
9 8	20 34.95	−24 2.9	1.999	2.839	13.4	19.6

272051 2005 EU_{133} 8 4.1 80°.05 4°.7/ 6.9 17

6 30	21 22.35	− 4 52.0	1.438	2.281	18.0	20.7
7 10	21 17.80	− 4 45.6	1.374	2.289	14.3	20.5
7 20	21 10.78	− 4 59.3	1.329	2.296	10.2	20.3
7 30	21 2.04	− 5 32.2	1.306	2.304	6.2	20.1
8 9	20 52.70	− 6 20.6	1.308	2.311	4.9	20.0
8 19	20 43.95	− 7 18.7	1.335	2.319	7.8	20.2
8 29	20 36.97	− 8 19.6	1.386	2.326	11.8	20.5
9 8	20 32.53	− 9 17.2	1.458	2.334	15.5	20.7

118444 1999 VK_{20} 8 4.1 269°.02 3°.6/ 1.6 18

6 30	21 24.98	−28 5.7	2.468	3.328	10.9	19.1
7 10	21 19.12	−28 27.2	2.376	3.308	8.3	18.9
7 20	21 11.35	−28 47.0	2.309	3.288	5.6	18.7
7 30	21 2.21	−29 0.6	2.268	3.268	3.7	18.5
8 9	20 52.52	−29 4.4	2.256	3.248	4.4	18.5
8 19	20 43.16	−28 56.2	2.272	3.228	7.0	18.6
8 29	20 35.01	−28 35.5	2.314	3.207	9.9	18.8
9 8	20 28.76	−28 3.3	2.379	3.186	12.6	18.9

446103 2013 DC_3 8 4.1 41°.24 2°.1/ 3.3 18

6 30	21 32.24	−25 24.5	1.851	2.711	13.9	19.9
7 10	21 24.51	−24 51.7	1.792	2.725	10.5	19.7
7 20	21 14.54	−24 15.8	1.755	2.740	6.6	19.5
7 30	21 3.21	−23 33.9	1.746	2.755	2.9	19.3
8 9	20 51.69	−22 44.5	1.765	2.771	3.3	19.4
8 19	20 41.09	−21 48.1	1.812	2.787	7.0	19.6
8 29	20 32.41	−20 46.3	1.887	2.803	10.6	19.9
9 8	20 26.24	−19 41.4	1.984	2.820	13.7	20.1

11381 1998 SZ_{115} 8 4.1 59°.36 2°.3/ 5.8 18

6 30	21 18.89	− 8 57.2	2.182	3.021	12.8	18.1
7 10	21 14.45	− 9 1.8	2.114	3.031	9.9	17.9
7 20	21 8.35	− 9 17.6	2.068	3.041	6.7	17.7
7 30	21 1.15	− 9 43.0	2.047	3.051	3.5	17.5
8 9	20 53.60	−10 15.0	2.054	3.062	2.6	17.5
8 19	20 46.44	−10 50.3	2.088	3.072	5.4	17.7
8 29	20 40.44	−11 25.4	2.149	3.083	8.6	17.9
9 8	20 36.15	−11 57.2	2.234	3.093	11.5	18.1

249618 1999 TA_{30} 8 4.1 336°.24 5°.0/ 1.0 18

6 30	21 23.22	−29 40.2	1.891	2.766	13.0	20.0
7 10	21 18.24	−30 14.6	1.820	2.759	10.0	19.8
7 20	21 10.96	−30 46.2	1.773	2.753	7.0	19.6
7 30	21 2.09	−31 9.1	1.750	2.746	5.1	19.4
8 9	20 52.67	−31 18.2	1.753	2.741	6.0	19.5
8 19	20 43.81	−31 10.9	1.782	2.735	8.8	19.6
8 29	20 36.56	−30 47.1	1.834	2.730	12.0	19.8
9 8	20 31.66	−30 8.8	1.909	2.726	14.8	20.0

100277 1994 XB_5 8 4.1 184°.24 4°.5/ 7.4 18

6 30	21 22.80	− 2 41.9	2.154	2.960	14.1	20.7
7 10	21 17.47	− 2 34.1	2.071	2.961	11.4	20.5
7 20	21 10.31	− 2 41.5	2.009	2.961	8.4	20.4
7 30	21 1.86	− 3 4.1	1.972	2.960	5.6	20.2
8 9	20 52.89	− 3 39.7	1.963	2.958	4.6	20.1
8 19	20 44.25	− 4 25.0	1.981	2.956	6.4	20.2
8 29	20 36.78	− 5 15.6	2.026	2.953	9.4	20.4
9 8	20 31.14	− 6 6.8	2.095	2.950	12.3	20.6

121546 1999 VU_{11} 8 4.1 316°.43 1°.8/ 5.1 18

6 30	21 20.69	−12 34.9	1.967	2.820	13.5	19.7
7 10	21 16.15	−12 19.1	1.878	2.806	10.4	19.5
7 20	21 9.61	−12 11.7	1.812	2.792	6.8	19.2
7 30	21 1.65	−12 11.5	1.771	2.779	3.1	19.0
8 9	20 53.08	−12 16.2	1.757	2.766	2.4	18.9
8 19	20 44.83	−12 23.3	1.769	2.754	6.1	19.1
8 29	20 37.85	−12 30.3	1.808	2.742	9.9	19.3
9 8	20 32.84	−12 34.9	1.869	2.730	13.3	19.5

98563 2000 WX_{16} 8 4.1 172°.40 2°.1/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 23.32	−20 42.9	1.941	2.808	13.1	19.7
7 10	21 18.12	−21 23.5	1.870	2.809	9.8	19.5
7 20	21 10.81	−22 8.9	1.823	2.811	6.1	19.3
7 30	21 2.04	−22 54.0	1.802	2.812	2.6	19.1
8 9	20 52.73	−23 33.8	1.808	2.813	3.4	19.2
8 19	20 43.89	−24 4.0	1.841	2.813	7.1	19.4
8 29	20 36.50	−24 22.4	1.899	2.813	10.7	19.6
9 8	20 31.27	−24 28.4	1.980	2.813	13.8	19.8

521795 2015 SL_{30} 8 4.1 228°.78 4°.6/ 8.5 18

6 30	21 17.14	+ 0 25.5	2.731	3.518	11.9	21.7
7 10	21 12.95	+ 0 27.4	2.639	3.512	9.8	21.6
7 20	21 7.38	+ 0 15.0	2.569	3.505	7.5	21.4
7 30	21 0.84	− 0 11.6	2.523	3.498	5.5	21.3
8 9	20 53.90	− 0 50.8	2.505	3.491	4.6	21.2
8 19	20 47.16	− 1 40.1	2.515	3.484	5.7	21.3
8 29	20 41.25	− 2 35.8	2.552	3.476	7.8	21.4
9 8	20 36.69	− 3 33.8	2.614	3.468	10.2	21.5

236119 2005 SE_{124} 8 4.1 9°.08 3°.1/ 6.9 18

6 30	21 14.58	− 5 21.6	2.320	3.150	12.5	19.7
7 10	21 11.20	− 5 31.9	2.245	3.153	9.9	19.5
7 20	21 6.35	− 5 55.5	2.192	3.156	7.0	19.3
7 30	21 0.48	− 6 31.3	2.163	3.160	4.2	19.2
8 9	20 54.26	− 7 16.4	2.162	3.165	3.2	19.1
8 19	20 48.34	− 8 7.3	2.188	3.170	5.3	19.2
8 29	20 43.39	− 8 59.9	2.240	3.176	8.1	19.4
9 8	20 39.96	− 9 50.2	2.316	3.182	10.9	19.6

169668 2002 JD_{84} 8 4.1 129°.76 2°.2/ 2.8 17

6 30	21 27.74	−20 36.9	1.676	2.543	14.8	21.4
7 10	21 21.58	−21 16.9	1.618	2.556	11.0	21.2
7 20	21 13.00	−22 1.7	1.582	2.569	6.8	21.0
7 30	21 2.78	−22 45.6	1.571	2.582	2.8	20.7
8 9	20 52.08	−23 22.5	1.588	2.593	3.7	20.8
8 19	20 42.10	−23 48.3	1.631	2.604	7.7	21.1
8 29	20 33.93	−24 0.9	1.699	2.615	11.6	21.3
9 8	20 28.32	−24 0.8	1.789	2.624	14.9	21.6

507111 2009 PE_8 8 4.1 357°.05 0°.6/ 3.8 17

6 30	21 23.10	−18 47.8	1.182	2.073	18.0	20.5
7 10	21 18.98	−18 38.8	1.119	2.070	13.6	20.2
7 20	21 11.81	−18 36.4	1.075	2.067	8.5	19.9
7 30	21 2.46	−18 36.8	1.053	2.066	2.9	19.6
8 9	20 52.36	−18 35.2	1.054	2.065	3.1	19.6
8 19	20 43.06	−18 28.2	1.079	2.065	8.7	19.9
8 29	20 35.98	−18 13.7	1.125	2.067	13.8	20.2
9 8	20 32.05	−17 51.4	1.191	2.069	18.1	20.5

513291 2007 BW_{16} 8 4.1 190°.29 0°.4/ 4.4 18

6 30	21 21.84	−15 21.1	2.765	3.607	10.4	22.6
7 10	21 16.38	−15 23.7	2.682	3.606	7.8	22.4
7 20	21 9.46	−15 31.3	2.623	3.604	4.9	22.2
7 30	21 1.54	−15 42.0	2.591	3.602	1.8	22.0
8 9	20 53.26	−15 53.6	2.589	3.599	1.6	21.9
8 19	20 45.28	−16 4.0	2.616	3.596	4.7	22.2
8 29	20 38.26	−16 11.4	2.671	3.593	7.6	22.4
9 8	20 32.72	−16 14.7	2.751	3.589	10.2	22.5

513756 2012 VR_{114} 8 4.1 290°.20 0°.3/ 3.9 18

6 30	21 19.68	−14 50.2	1.813	2.678	13.9	21.4
7 10	21 15.59	−15 33.7	1.732	2.669	10.5	21.2
7 20	21 9.37	−16 28.5	1.673	2.661	6.6	20.9
7 30	21 1.60	−17 30.5	1.640	2.652	2.2	20.6
8 9	20 53.16	−18 33.8	1.633	2.643	2.3	20.6
8 19	20 45.05	−19 32.7	1.653	2.634	6.7	20.9
8 29	20 38.30	−20 22.5	1.698	2.626	10.8	21.1
9 8	20 33.69	−21 0.4	1.765	2.617	14.3	21.3

227535 2005 YF_{90} 8 4.1 315°.28 1°.1/ 4.7 18

6 30	21 19.90	−13 22.7	1.420	2.294	16.5	20.3
7 10	21 16.36	−13 29.5	1.334	2.275	12.7	20.1
7 20	21 10.17	−13 49.4	1.269	2.256	8.2	19.8
7 30	21 1.95	−14 19.8	1.227	2.237	3.2	19.4
8 9	20 52.78	−14 55.9	1.208	2.219	2.6	19.3
8 19	20 43.95	−15 32.3	1.214	2.202	7.8	19.6
8 29	20 36.79	−16 4.1	1.244	2.185	12.7	19.8
9 8	20 32.31	−16 27.4	1.293	2.169	17.1	20.0

22719 Nakadori 8 4.1 26°.85 3°.2/ 1.8 18

6 30	21 21.86	−23 5.0	1.814	2.689	13.4	17.2
7 10	21 17.21	−23 58.3	1.747	2.690	10.0	17.0
7 20	21 10.33	−24 55.3	1.704	2.691	6.4	16.8
7 30	21 1.90	−25 49.8	1.685	2.692	3.5	16.6
8 9	20 52.91	−26 35.9	1.693	2.693	4.5	16.7
8 19	20 44.42	−27 8.9	1.728	2.694	8.0	16.9
8 29	20 37.46	−27 26.6	1.787	2.696	11.5	17.1
9 8	20 32.78	−27 29.2	1.867	2.697	14.6	17.3

68660 2002 CZ_{91} 8 4.1 15°.04 3°.0/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.01	−23 6.2	1.098	1.995	18.6	18.9
7 10	21 21.33	−23 10.0	1.044	1.998	14.0	18.6
7 20	21 13.29	−23 16.0	1.009	2.001	8.8	18.3
7 30	21 2.96	−23 18.1	0.994	2.005	3.8	18.1
8 9	20 51.95	−23 10.5	1.003	2.010	4.7	18.1
8 19	20 42.00	−22 50.3	1.035	2.016	9.8	18.4
8 29	20 34.61	−22 17.5	1.087	2.023	14.7	18.7
9 8	20 30.65	−21 34.2	1.159	2.030	19.0	19.0

428248 2007 AY_{15} 8 4.1 180°.42 0°.2/ 4.3 17

6 30	21 23.52	−14 7.3	1.955	2.807	13.6	22.1
7 10	21 18.23	−14 38.0	1.879	2.809	10.3	21.9
7 20	21 10.88	−15 18.5	1.826	2.809	6.4	21.6
7 30	21 2.09	−16 5.3	1.798	2.810	2.3	21.4
8 9	20 52.74	−16 53.6	1.799	2.809	2.1	21.4
8 19	20 43.80	−17 38.8	1.827	2.808	6.2	21.6
8 29	20 36.23	−18 17.2	1.881	2.807	10.1	21.9
9 8	20 30.74	−18 46.5	1.959	2.805	13.4	22.1

95300 2002 CD_{96} 8 4.1 95°.54 0°.1/ 3.9 18

6 30	21 20.02	−15 34.2	2.300	3.155	11.7	19.9
7 10	21 15.24	−16 2.9	2.235	3.167	8.8	19.7
7 20	21 8.83	−16 38.5	2.194	3.179	5.4	19.6
7 30	21 1.34	−17 17.7	2.179	3.190	1.8	19.3
8 9	20 53.50	−17 56.9	2.192	3.202	1.8	19.4
8 19	20 46.08	−18 32.5	2.233	3.214	5.4	19.6
8 29	20 39.80	−19 1.9	2.301	3.225	8.6	19.8
9 8	20 35.23	−19 23.4	2.393	3.237	11.4	20.0

123233 2000 US_{56} 8 4.1 195°.47 6°.8/ 8.7 18

6 30	21 21.71	+ 1 59.6	2.000	2.790	15.6	19.7
7 10	21 16.82	+ 2 32.2	1.918	2.789	13.0	19.5
7 20	21 9.99	+ 2 46.4	1.856	2.787	10.3	19.3
7 30	21 1.79	+ 2 40.8	1.818	2.785	7.9	19.2
8 9	20 53.02	+ 2 16.1	1.804	2.783	6.8	19.1
8 19	20 44.59	+ 1 35.1	1.817	2.780	8.0	19.2
8 29	20 37.38	+ 0 42.5	1.856	2.777	10.4	19.3
9 8	20 32.09	− 0 15.8	1.917	2.774	13.2	19.5

354214 2002 GK_{27} 8 4.1 78°.73 0°.1/ 4.2 18

6 30	21 20.08	−15 2.4	2.187	3.042	12.2	21.4
7 10	21 15.36	−15 24.1	2.121	3.053	9.2	21.3
7 20	21 8.94	−15 53.3	2.079	3.064	5.7	21.1
7 30	21 1.38	−16 26.8	2.063	3.074	2.0	20.8
8 9	20 53.47	−17 1.0	2.074	3.085	1.8	20.9
8 19	20 45.98	−17 32.6	2.113	3.095	5.5	21.1
8 29	20 39.70	−17 58.6	2.179	3.106	8.8	21.4
9 8	20 35.19	−18 17.4	2.269	3.117	11.7	21.6

439693 2014 KY_{4} 8 4.1 32°.70 7°.0/ 8.9 18

6 30	21 19.30	+ 1 48.1	1.936	2.734	15.7	20.2
7 10	21 14.97	+ 2 30.7	1.866	2.741	13.2	20.0
7 20	21 8.79	+ 2 54.8	1.816	2.748	10.4	19.9
7 30	21 1.36	+ 2 58.9	1.790	2.756	8.0	19.7
8 9	20 53.47	+ 2 43.8	1.787	2.764	7.0	19.7
8 19	20 46.00	+ 2 12.2	1.811	2.773	8.0	19.8
8 29	20 39.79	+ 1 28.6	1.858	2.781	10.3	19.9
9 8	20 35.47	+ 0 38.6	1.929	2.791	12.9	20.1

253402 2003 PR_{3} 8 4.1 317°.94 2°.6/ 3.2 18

6 30	21 26.25	−22 47.1	1.198	2.089	17.8	19.8
7 10	21 21.66	−22 43.9	1.122	2.073	13.6	19.5
7 20	21 13.71	−22 42.7	1.066	2.058	8.6	19.2
7 30	21 3.22	−22 38.0	1.032	2.043	3.6	18.9
8 9	20 51.66	−22 24.3	1.021	2.029	4.4	18.9
8 19	20 40.78	−21 58.3	1.033	2.015	9.7	19.1
8 29	20 32.22	−21 20.0	1.067	2.003	15.0	19.4
9 8	20 27.11	−20 31.1	1.120	1.991	19.6	19.6

429680 2011 HQ_{6} 8 4.1 71°.59 3°.7/ 6.7 17

6 30	21 21.01	− 5 20.4	1.646	2.485	16.3	20.6
7 10	21 16.46	− 5 35.3	1.587	2.501	12.8	20.5
7 20	21 9.79	− 6 8.6	1.549	2.517	8.9	20.3
7 30	21 1.71	− 6 57.9	1.534	2.534	5.2	20.1
8 9	20 53.20	− 7 58.8	1.545	2.550	3.8	20.0
8 19	20 45.27	− 9 5.3	1.582	2.567	6.7	20.2
8 29	20 38.88	−10 11.3	1.645	2.583	10.4	20.5
9 8	20 34.70	−11 11.6	1.730	2.599	13.8	20.8

217363 2004 TV_{32} 8 4.1 337°.85 1°.2/ 3.4 18

6 30	21 19.57	−19 19.5	1.758	2.635	13.8	19.8
7 10	21 15.57	−19 31.8	1.679	2.623	10.4	19.6
7 20	21 9.38	−19 49.5	1.622	2.611	6.4	19.3
7 30	21 1.62	−20 9.0	1.589	2.601	2.3	19.0
8 9	20 53.24	−20 26.0	1.582	2.591	2.8	19.1
8 19	20 45.28	−20 36.9	1.601	2.582	7.0	19.3
8 29	20 38.77	−20 39.5	1.644	2.574	11.0	19.5
9 8	20 34.49	−20 32.7	1.709	2.566	14.5	19.7

243414 2009 BT_{124} 8 4.1 19°.29 1°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 17.41	−10 44.5	1.593	2.458	15.5	19.8
7 10	21 13.98	−11 28.9	1.528	2.463	11.8	19.6
7 20	21 8.38	−12 29.1	1.484	2.469	7.6	19.4
7 30	21 1.27	−13 40.8	1.464	2.475	3.0	19.1
8 9	20 53.61	−14 57.8	1.470	2.481	2.2	19.1
8 19	20 46.44	−16 12.9	1.502	2.489	6.7	19.4
8 29	20 40.77	−17 20.3	1.558	2.496	10.9	19.6
9 8	20 37.32	−18 15.7	1.637	2.505	14.5	19.9

301694 2010 FL_{92} 8 4.1 45°.31 1°.9/ 5.1 17

6 30	21 21.71	−10 24.5	1.047	1.931	20.4	20.1
7 10	21 17.96	−10 51.2	0.999	1.943	15.6	19.9
7 20	21 11.15	−11 38.9	0.970	1.957	10.1	19.6
7 30	21 2.25	−12 42.4	0.960	1.970	4.3	19.4
8 9	20 52.72	−13 53.2	0.974	1.985	3.1	19.3
8 19	20 44.12	−15 2.4	1.010	2.000	8.5	19.7
8 29	20 37.84	−16 2.3	1.068	2.015	13.7	20.1
9 8	20 34.73	−16 48.4	1.145	2.031	18.1	20.4

73334 2002 JD_{110} 8 4.1 27°.16 11°.2/28.7 16

6 30	21 27.69	−41 13.6	1.439	2.313	16.4	19.2
7 10	21 22.48	−42 38.0	1.401	2.321	13.8	19.1
7 20	21 13.94	−43 47.5	1.383	2.329	11.8	19.0
7 30	21 3.18	−44 31.4	1.386	2.338	11.2	18.9
8 9	20 51.85	−44 42.6	1.411	2.348	12.2	19.0
8 19	20 41.70	−44 19.8	1.458	2.359	14.3	19.2
8 29	20 34.16	−43 26.7	1.525	2.370	16.7	19.4
9 8	20 30.04	−42 10.5	1.608	2.382	19.0	19.6

335077 2004 RF_{325} 8 4.1 305°.68 4°.2/ 2.0 18

6 30	21 24.91	−25 34.8	1.523	2.405	15.2	20.4
7 10	21 20.27	−26 2.3	1.433	2.378	11.6	20.1
7 20	21 12.70	−26 31.4	1.364	2.352	7.7	19.8
7 30	21 2.88	−26 55.4	1.319	2.325	4.4	19.5
8 9	20 51.97	−27 7.7	1.299	2.299	5.5	19.5
8 19	20 41.43	−27 3.7	1.303	2.273	9.7	19.7
8 29	20 32.73	−26 42.2	1.330	2.247	14.1	19.9
9 8	20 26.93	−26 4.6	1.378	2.222	18.1	20.1

70911 1999 VT_{186} 8 4.1 253°.62 0°.8/ 4.7 18

6 30	21 20.77	−12 44.7	1.911	2.766	13.7	19.8
7 10	21 16.28	−13 10.0	1.829	2.759	10.5	19.6
7 20	21 9.75	−13 46.5	1.768	2.751	6.7	19.3
7 30	21 1.75	−14 31.4	1.734	2.744	2.6	19.1
8 9	20 53.13	−15 20.0	1.726	2.736	2.1	19.0
8 19	20 44.84	−16 7.7	1.745	2.729	6.2	19.3
8 29	20 37.86	−16 50.3	1.790	2.721	10.2	19.5
9 8	20 32.92	−17 24.8	1.857	2.713	13.6	19.7

308632 2005 XC_{80} 8 4.1 222°.15 3°.9/ 1.7 18

6 30	21 27.84	−27 6.8	2.050	2.913	12.6	21.2
7 10	21 21.57	−27 38.5	1.971	2.905	9.6	21.0
7 20	21 13.02	−28 9.3	1.915	2.896	6.4	20.8
7 30	21 2.86	−28 33.8	1.885	2.887	4.0	20.6
8 9	20 52.08	−28 46.9	1.883	2.877	4.9	20.7
8 19	20 41.78	−28 46.0	1.908	2.866	8.0	20.9
8 29	20 33.02	−28 30.4	1.959	2.855	11.3	21.0
9 8	20 26.56	−28 1.7	2.032	2.844	14.2	21.2

120898 1998 SL_{21} 8 4.1 303°.42 0°.7/ 4.6 18

6 30	21 19.13	−13 51.1	2.259	3.111	12.0	20.1
7 10	21 14.73	−14 2.2	2.176	3.105	9.1	19.9
7 20	21 8.62	−14 21.3	2.117	3.099	5.8	19.6
7 30	21 1.33	−14 45.9	2.083	3.093	2.2	19.4
8 9	20 53.57	−15 13.2	2.077	3.088	1.8	19.4
8 19	20 46.12	−15 39.9	2.099	3.082	5.4	19.6
8 29	20 39.77	−16 3.2	2.147	3.076	8.8	19.8
9 8	20 35.12	−16 21.0	2.219	3.071	11.8	20.0

183764 2004 BQ_{1} 8 4.1 225°.80 1°.3/ 4.9 17

6 30	21 24.91	−12 43.8	1.771	2.623	14.8	21.0
7 10	21 19.55	−12 48.3	1.688	2.615	11.4	20.7
7 20	21 11.87	−13 3.4	1.626	2.607	7.4	20.5
7 30	21 2.51	−13 26.8	1.589	2.598	3.1	20.2
8 9	20 52.43	−13 54.7	1.578	2.589	2.4	20.1
8 19	20 42.74	−14 23.1	1.595	2.579	6.7	20.4
8 29	20 34.53	−14 48.2	1.638	2.569	10.9	20.6
9 8	20 28.64	−15 7.5	1.703	2.558	14.6	20.8

96045 2004 PX_{97} 8 4.1 297°.43 4°.2/31.5 18

6 30	21 20.08	−26 21.3	2.125	2.999	11.8	19.0
7 10	21 15.76	−27 30.2	2.051	2.991	8.9	18.8
7 20	21 9.42	−28 40.8	2.000	2.983	6.1	18.7
7 30	21 1.65	−29 47.1	1.976	2.975	4.2	18.5
8 9	20 53.28	−30 43.0	1.979	2.967	5.3	18.6
8 19	20 45.24	−31 24.1	2.008	2.960	8.1	18.7
8 29	20 38.49	−31 48.3	2.063	2.952	11.1	18.9
9 8	20 33.74	−31 55.7	2.138	2.945	13.8	19.1

449648 2014 KC_{43} 8 4.1 2°.07 10°.1/13.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 13.73	+12 22.0	1.713	2.468	19.0	20.7
7 10	21 11.16	+12 25.5	1.636	2.467	16.8	20.5
7 20	21 6.63	+11 57.5	1.576	2.467	14.3	20.4
7 30	21 0.70	+10 55.7	1.535	2.467	11.9	20.2
8 9	20 54.23	+ 9 21.4	1.516	2.469	10.3	20.1
8 19	20 48.11	+ 7 20.0	1.521	2.472	10.3	20.1
8 29	20 43.30	+ 5 0.9	1.551	2.475	11.9	20.2
9 8	20 40.48	+ 2 35.0	1.603	2.480	14.3	20.4

98427 2000 UA_{35} 8 4.1 116°.68 5°.2/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.39	− 4 22.3	1.471	2.309	17.9	19.7
7 10	21 18.62	− 4 4.2	1.402	2.313	14.4	19.5
7 20	21 11.36	− 4 5.5	1.353	2.317	10.4	19.2
7 30	21 2.35	− 4 26.3	1.327	2.321	6.6	19.0
8 9	20 52.68	− 5 3.6	1.325	2.325	5.3	19.0
8 19	20 43.56	− 5 52.5	1.348	2.329	8.0	19.1
8 29	20 36.17	− 6 46.6	1.394	2.333	11.9	19.4
9 8	20 31.33	− 7 39.9	1.463	2.336	15.6	19.6

243904 2001 FR_{40} 8 4.1 186°.59 3°.8/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.50	− 1 35.9	2.648	3.441	12.1	22.1
7 10	21 15.50	− 1 50.1	2.559	3.440	9.8	22.0
7 20	21 9.00	− 2 18.6	2.492	3.439	7.2	21.8
7 30	21 1.48	− 3 0.6	2.452	3.437	4.8	21.6
8 9	20 53.53	− 3 53.8	2.440	3.435	3.9	21.6
8 19	20 45.82	− 4 54.8	2.457	3.432	5.4	21.7
8 29	20 39.01	− 5 59.4	2.502	3.428	7.9	21.8
9 8	20 33.66	− 7 3.5	2.573	3.423	10.4	22.0

172258 2002 SG_{23} 8 4.1 330°.31 0°.7/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.28	−16 49.2	1.727	2.598	14.2	20.2
7 10	21 16.12	−17 17.9	1.652	2.593	10.7	19.9
7 20	21 9.75	−17 55.4	1.599	2.588	6.6	19.7
7 30	21 1.79	−18 37.5	1.570	2.583	2.2	19.4
8 9	20 53.22	−19 19.0	1.568	2.578	2.5	19.4
8 19	20 45.07	−19 55.1	1.592	2.574	7.0	19.7
8 29	20 38.39	−20 22.3	1.640	2.569	11.0	19.9
9 8	20 33.97	−20 38.8	1.710	2.566	14.6	20.1

62448 2000 SC_{208} 8 4.1 10°.06 6°.8/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.26	−29 52.3	1.215	2.113	17.1	18.5
7 10	21 19.21	−30 39.2	1.165	2.115	13.2	18.2
7 20	21 11.98	−31 22.3	1.134	2.118	9.3	18.0
7 30	21 2.57	−31 52.3	1.124	2.122	6.9	17.9
8 9	20 52.54	−32 1.8	1.138	2.128	8.0	18.0
8 19	20 43.49	−31 47.7	1.174	2.134	11.5	18.2
8 29	20 36.86	−31 11.1	1.230	2.142	15.4	18.5
9 8	20 33.47	−30 16.3	1.305	2.151	18.8	18.7

107281 2001 BH_{75} 8 4.1 47°.05 0°.0/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.38	−16 0.1	1.191	2.075	18.4	19.0
7 10	21 19.64	−16 13.3	1.145	2.092	13.8	18.8
7 20	21 12.04	−16 37.6	1.118	2.109	8.5	18.5
7 30	21 2.55	−17 7.9	1.114	2.126	2.9	18.3
8 9	20 52.59	−17 38.0	1.133	2.144	2.8	18.3
8 19	20 43.62	−18 2.7	1.176	2.162	8.2	18.7
8 29	20 36.89	−18 18.5	1.242	2.181	12.9	19.0
9 8	20 33.15	−18 24.0	1.328	2.200	16.9	19.3

317271 2002 EO_{96} 8 4.1 217°.27 1°.4/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.93	−18 47.4	1.729	2.592	14.6	21.9
7 10	21 21.21	−19 16.1	1.648	2.585	11.0	21.6
7 20	21 12.98	−19 51.8	1.590	2.577	6.8	21.4
7 30	21 2.94	−20 29.7	1.557	2.568	2.5	21.1
8 9	20 52.12	−21 4.1	1.551	2.559	3.1	21.1
8 19	20 41.76	−21 30.6	1.572	2.549	7.5	21.4
8 29	20 33.02	−21 46.2	1.618	2.539	11.8	21.6
9 8	20 26.78	−21 50.3	1.686	2.527	15.4	21.8

413058 2001 RZ_{120} 8 4.1 308°.61 5°.3/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.45	−25 26.7	1.149	2.047	17.9	20.6
7 10	21 20.63	−26 12.1	1.075	2.029	13.7	20.3
7 20	21 13.29	−27 1.4	1.020	2.011	9.1	20.0
7 30	21 3.19	−27 45.4	0.987	1.993	5.5	19.7
8 9	20 51.84	−28 14.3	0.976	1.976	6.9	19.7
8 19	20 41.07	−28 21.6	0.987	1.959	11.6	19.9
8 29	20 32.71	−28 5.5	1.019	1.943	16.6	20.2
9 8	20 27.97	−27 28.5	1.068	1.928	21.1	20.4

318168 2004 RY 8 4.1 295°.66 2°.4/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.53	−24 20.5	2.130	2.993	12.2	21.0
7 10	21 19.81	−24 22.4	2.036	2.972	9.3	20.7
7 20	21 11.95	−24 24.0	1.966	2.951	5.9	20.5
7 30	21 2.55	−24 21.5	1.922	2.930	2.8	20.2
8 9	20 52.51	−24 11.7	1.905	2.909	3.5	20.3
8 19	20 42.83	−23 52.4	1.916	2.888	6.9	20.4
8 29	20 34.50	−23 23.2	1.954	2.867	10.5	20.6
9 8	20 28.28	−22 45.1	2.014	2.846	13.6	20.8

444247 2005 UA_{169} 8 4.1 47°.10 7°.6/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.65	+ 6 2.9	2.228	2.993	14.9	21.0
7 10	21 14.36	+ 6 40.3	2.150	2.995	12.8	20.8
7 20	21 8.41	+ 6 58.7	2.091	2.998	10.5	20.7
7 30	21 1.30	+ 6 56.5	2.055	3.000	8.6	20.5
8 9	20 53.75	+ 6 34.0	2.044	3.003	7.6	20.5
8 19	20 46.49	+ 5 53.6	2.058	3.005	8.2	20.5
8 29	20 40.31	+ 4 59.4	2.097	3.008	10.0	20.6
9 8	20 35.79	+ 3 57.2	2.159	3.010	12.1	20.8

169781 2002 PG_{121} 8 4.1 309°.37 1°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.36	−13 37.8	1.667	2.529	15.1	19.2
7 10	21 17.90	−13 19.0	1.574	2.507	11.7	18.9
7 20	21 11.02	−13 8.9	1.502	2.485	7.6	18.6
7 30	21 2.30	−13 5.9	1.454	2.464	3.3	18.3
8 9	20 52.73	−13 7.7	1.432	2.442	2.6	18.2
8 19	20 43.45	−13 11.3	1.436	2.421	7.1	18.4
8 29	20 35.64	−13 14.0	1.464	2.401	11.5	18.6
9 8	20 30.21	−13 13.5	1.513	2.380	15.5	18.8

429105 2009 SQ_{73} 8 4.1 210°.54 3°.3/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.98	− 6 59.4	1.740	2.579	15.6	21.7
7 10	21 17.33	− 7 5.8	1.661	2.577	12.3	21.5
7 20	21 10.49	− 7 28.4	1.603	2.574	8.5	21.3
7 30	21 2.07	− 8 5.6	1.569	2.571	4.7	21.0
8 9	20 53.01	− 8 53.8	1.562	2.568	3.5	21.0
8 19	20 44.34	− 9 48.1	1.580	2.564	6.7	21.1
8 29	20 37.09	−10 43.0	1.624	2.561	10.6	21.4
9 8	20 32.05	−11 33.7	1.691	2.557	14.2	21.6

275326 2010 VY_{31} 8 4.1 342°.39 0°.6/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.17	−13 28.8	1.733	2.602	14.3	20.6
7 10	21 13.79	−13 52.9	1.655	2.593	10.9	20.3
7 20	21 8.31	−14 28.8	1.598	2.584	6.9	20.1
7 30	21 1.32	−15 13.2	1.565	2.576	2.6	19.8
8 9	20 53.72	−16 1.2	1.558	2.569	2.1	19.8
8 19	20 46.49	−16 47.8	1.577	2.563	6.5	20.0
8 29	20 40.62	−17 28.6	1.621	2.557	10.6	20.3
9 8	20 36.87	−18 0.3	1.686	2.553	14.2	20.5

477539 2010 EJ_{140} 8 4.1 58°.35 9°.5/30.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 31.54	−40 40.2	1.678	2.538	15.1	20.4
7 10	21 24.77	−41 39.3	1.640	2.554	12.5	20.3
7 20	21 15.09	−42 24.7	1.624	2.571	10.4	20.2
7 30	21 3.57	−42 47.6	1.631	2.587	9.5	20.2
8 9	20 51.73	−42 42.8	1.661	2.604	10.3	20.2
8 19	20 41.08	−42 10.1	1.715	2.621	12.3	20.4
8 29	20 32.84	−41 12.9	1.791	2.637	14.6	20.6
9 8	20 27.71	−39 57.5	1.887	2.654	16.8	20.8

134532 1999 RF_{55} 8 4.1 327°.20 1°.0/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.93	−14 31.7	1.153	2.043	18.4	19.6
7 10	21 16.89	−14 29.6	1.078	2.027	14.2	19.3
7 20	21 10.78	−14 40.7	1.020	2.011	9.1	19.0
7 30	21 2.30	−15 2.2	0.984	1.996	3.5	18.6
8 9	20 52.76	−15 28.7	0.970	1.982	2.9	18.5
8 19	20 43.70	−15 54.8	0.979	1.968	8.8	18.8
8 29	20 36.69	−16 15.1	1.009	1.956	14.3	19.1
9 8	20 32.85	−16 26.3	1.057	1.945	19.1	19.3

258630 2002 EE_{1} 8 4.1 129°.73 3°.9/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.01	− 0 44.4	2.512	3.309	12.6	20.5
7 10	21 13.68	− 1 14.6	2.434	3.317	10.2	20.4
7 20	21 7.89	− 2 0.8	2.378	3.325	7.5	20.2
7 30	21 1.12	− 3 1.8	2.347	3.333	5.0	20.1
8 9	20 53.99	− 4 14.4	2.345	3.341	3.9	20.0
8 19	20 47.14	− 5 34.2	2.371	3.348	5.3	20.1
8 29	20 41.24	− 6 56.3	2.425	3.355	7.9	20.3
9 8	20 36.80	− 8 15.9	2.504	3.362	10.5	20.5

514565 2017 XE_{61} 8 4.1 240°.42 4°.0/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 35.19	−30 9.9	2.290	3.136	12.1	21.6
7 10	21 26.89	−30 11.2	2.198	3.120	9.4	21.4
7 20	21 16.26	−30 7.0	2.130	3.105	6.4	21.2
7 30	21 4.03	−29 52.5	2.090	3.088	4.2	21.0
8 9	20 51.22	−29 24.3	2.080	3.071	4.8	21.0
8 19	20 38.96	−28 41.4	2.099	3.054	7.6	21.2
8 29	20 28.33	−27 45.2	2.147	3.036	10.8	21.3
9 8	20 20.07	−26 38.7	2.218	3.018	13.6	21.5

494396 2016 UM_{55} 8 4.1 302°.12 3°.4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.75	−23 13.3	1.819	2.697	13.3	21.1
7 10	21 16.64	−24 6.7	1.734	2.678	10.0	20.9
7 20	21 10.20	−25 5.2	1.670	2.658	6.5	20.6
7 30	21 2.03	−26 2.7	1.632	2.639	3.6	20.4
8 9	20 53.06	−26 52.5	1.620	2.620	4.7	20.4
8 19	20 44.38	−27 29.6	1.634	2.601	8.3	20.6
8 29	20 37.14	−27 50.7	1.673	2.582	12.1	20.8
9 8	20 32.19	−27 55.6	1.732	2.564	15.5	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
266237 2006 XK_{37}			8 4.1 202°.05	2°.3/ 2.5 18		
	h m	° ′			°	m
6 30	21 23.33	−19 36.0	1.761	2.632	14.0	20.8
7 10	21 18.46	−20 37.7	1.689	2.629	10.5	20.6
7 20	21 11.26	−21 47.4	1.638	2.627	6.5	20.4
7 30	21 2.37	−22 58.6	1.614	2.624	2.8	20.1
8 9	20 52.79	−24 4.4	1.616	2.621	3.8	20.2
8 19	20 43.64	−24 58.9	1.646	2.618	7.8	20.4
8 29	20 36.04	−25 38.5	1.700	2.614	11.7	20.7
9 8	20 30.78	−26 2.0	1.775	2.610	15.1	20.9
220885 2004 XP_{89}			8 4.1 273°.19	5°.2/30.7 18		
6 30	21 22.37	−32 8.8	2.418	3.283	10.9	20.4
7 10	21 17.34	−33 2.3	2.342	3.272	8.5	20.2
7 20	21 10.36	−33 52.7	2.290	3.260	6.3	20.1
7 30	21 2.02	−34 34.4	2.264	3.248	5.2	20.0
8 9	20 53.14	−35 2.8	2.265	3.237	6.1	20.0
8 19	20 44.61	−35 14.9	2.292	3.225	8.3	20.1
8 29	20 37.33	−35 10.1	2.344	3.213	10.8	20.3
9 8	20 31.99	−34 49.6	2.418	3.201	13.1	20.4
485710 2012 AO_{4}			8 4.1 89°.99	3°.3/31.9 18		
6 30	21 19.76	−23 38.0	2.336	3.204	11.1	21.0
7 10	21 15.24	−24 57.3	2.274	3.213	8.3	20.8
7 20	21 8.98	−26 19.4	2.238	3.223	5.3	20.6
7 30	21 1.53	−27 38.6	2.229	3.232	3.3	20.5
8 9	20 53.63	−28 49.2	2.249	3.242	4.3	20.6
8 19	20 46.09	−29 46.8	2.296	3.251	7.0	20.8
8 29	20 39.71	−30 29.2	2.369	3.260	9.8	21.0
9 8	20 35.10	−30 56.0	2.465	3.269	12.3	21.2
216694 2004 OO_{5}			8 4.1 308°.42	15°.6/21.2 17		
6 30	21 23.63	−36 51.8	0.956	1.863	19.8	19.2
7 10	21 21.54	−41 3.1	0.912	1.854	16.9	19.0
7 20	21 14.81	−45 11.0	0.889	1.844	15.6	18.9
7 30	21 4.02	−48 48.2	0.887	1.835	16.4	18.9
8 9	20 51.00	−51 31.5	0.906	1.826	19.1	19.1
8 19	20 38.50	−53 10.1	0.941	1.817	22.4	19.2
8 29	20 29.42	−53 46.3	0.991	1.809	25.5	19.4
9 8	20 25.61	−53 31.3	1.051	1.802	28.3	19.6
78467 2002 RZ_{43}			8 4.1 293°.73	1°.5/ 3.1 18		
6 30	21 21.17	−18 52.1	1.831	2.702	13.6	19.5
7 10	21 16.77	−19 26.2	1.751	2.692	10.2	19.2
7 20	21 10.18	−20 7.3	1.693	2.682	6.3	19.0
7 30	21 2.00	−20 50.8	1.660	2.672	2.3	18.7
8 9	20 53.16	−21 31.6	1.654	2.662	3.0	18.7
8 19	20 44.69	−22 5.1	1.674	2.652	7.1	19.0
8 29	20 37.62	−22 28.0	1.719	2.642	11.0	19.2
9 8	20 32.76	−22 39.0	1.786	2.632	14.5	19.4
19302 1996 TD			8 4.1 288°.78	1°.4/ 4.7 18		
6 30	21 24.05	−13 39.3	1.418	2.287	16.9	18.5
7 10	21 19.60	−13 34.2	1.330	2.267	13.0	18.2
7 20	21 12.32	−13 40.6	1.263	2.248	8.5	17.8
7 30	21 2.84	−13 56.4	1.218	2.228	3.4	17.5
8 9	20 52.31	−14 17.4	1.198	2.209	2.7	17.4
8 19	20 42.11	−14 39.1	1.203	2.189	8.0	17.7
8 29	20 33.66	−14 57.4	1.231	2.170	13.1	17.9
9 8	20 28.03	−15 9.2	1.279	2.150	17.5	18.1
399069 2014 BL_{59}			8 4.1 322°.97	0°.2/ 4.3 18		
6 30	21 20.95	−14 33.8	1.746	2.611	14.4	21.1
7 10	21 16.59	−14 57.8	1.672	2.608	10.9	20.9
7 20	21 10.05	−15 32.3	1.619	2.605	6.9	20.6
7 30	21 1.96	−16 13.5	1.591	2.603	2.4	20.4
8 9	20 53.26	−16 56.6	1.589	2.600	2.2	20.3
8 19	20 45.00	−17 36.9	1.614	2.598	6.6	20.6
8 29	20 38.19	−18 10.3	1.663	2.595	10.7	20.9
9 8	20 33.59	−18 34.4	1.735	2.593	14.3	21.1
445245 2009 OM_{23}			8 4.1 4°.27	4°.2/ 2.5 18		
6 30	21 32.63	−30 42.4	1.996	2.853	13.2	20.0
7 10	21 24.99	−30 27.4	1.924	2.853	10.1	19.9
7 20	21 15.03	−30 5.5	1.876	2.853	6.9	19.7
7 30	21 3.59	−29 32.6	1.854	2.854	4.4	19.5
8 9	20 51.81	−28 46.0	1.861	2.855	5.0	19.5
8 19	20 40.85	−27 45.9	1.896	2.856	7.8	19.7
8 29	20 31.74	−26 34.7	1.957	2.858	11.1	19.9
9 8	20 25.15	−25 16.0	2.042	2.860	14.0	20.1
414406 2009 BL_{74}			8 4.1 90°.22	1°.5/ 5.0 17		
6 30	21 25.33	−10 30.2	1.419	2.277	17.4	21.2
7 10	21 20.00	−11 6.5	1.368	2.298	13.3	21.0
7 20	21 12.16	−11 59.0	1.337	2.319	8.5	20.7
7 30	21 2.65	−13 3.0	1.330	2.340	3.5	20.5
8 9	20 52.69	−14 11.4	1.349	2.360	2.5	20.5
8 19	20 43.52	−15 17.3	1.394	2.380	7.2	20.8
8 29	20 36.26	−16 15.0	1.464	2.399	11.6	21.1
9 8	20 31.66	−17 1.0	1.555	2.418	15.4	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
348556 2005 UD_{476}			8 4.1 358°.07	4°.6/ 7.3 18		
	h m	° ′			°	m
6 30	21 18.65	− 3 43.0	1.985	2.809	14.5	20.0
7 10	21 14.56	− 3 28.6	1.907	2.808	11.7	19.9
7 20	21 8.65	− 3 29.6	1.850	2.807	8.6	19.7
7 30	21 1.45	− 3 45.9	1.816	2.807	5.7	19.5
8 9	20 53.77	− 4 15.5	1.809	2.807	4.6	19.4
8 19	20 46.43	− 4 55.0	1.828	2.807	6.5	19.5
8 29	20 40.28	− 5 40.1	1.873	2.807	9.6	19.7
9 8	20 35.98	− 6 26.0	1.940	2.808	12.6	19.9
417976 2007 TA_{172}			8 4.1 287°.41	7°.0/31.2 18		
6 30	21 26.00	−29 9.4	1.344	2.232	16.4	20.8
7 10	21 21.47	−30 23.5	1.273	2.219	12.8	20.5
7 20	21 13.65	−31 38.2	1.224	2.206	9.1	20.3
7 30	21 3.33	−32 43.1	1.196	2.192	7.0	20.1
8 9	20 51.93	−33 28.0	1.193	2.179	8.5	20.2
8 19	20 41.11	−33 46.8	1.213	2.165	12.1	20.3
8 29	20 32.54	−33 38.3	1.254	2.152	16.2	20.5
9 8	20 27.31	−33 5.9	1.313	2.139	19.8	20.7
444055 2004 RU_{106}			8 4.1 310°.02	2°.6/ 5.8 18		
6 30	21 18.81	− 9 10.4	2.008	2.853	13.6	20.7
7 10	21 14.81	− 9 5.9	1.915	2.835	10.6	20.4
7 20	21 8.90	− 9 13.2	1.843	2.818	7.3	20.2
7 30	21 1.58	− 9 31.3	1.797	2.801	3.9	20.0
8 9	20 53.62	− 9 57.7	1.776	2.784	2.9	19.9
8 19	20 45.91	−10 29.1	1.783	2.767	6.1	20.0
8 29	20 39.34	−11 1.7	1.815	2.751	9.7	20.2
9 8	20 34.65	−11 32.1	1.870	2.735	13.1	20.4
235263 2003 SN_{428}			8 4.1 73°.20	0°.4/ 4.4 18		R
6 30	21 22.50	−14 42.6	1.749	2.611	14.5	20.4
7 10	21 17.63	−14 57.9	1.683	2.618	10.9	20.2
7 20	21 10.61	−15 22.6	1.640	2.625	6.9	20.0
7 30	21 2.13	−15 53.2	1.621	2.632	2.5	19.7
8 9	20 53.16	−16 25.3	1.629	2.640	2.1	19.7
8 19	20 44.74	−16 54.9	1.663	2.647	6.5	20.0
8 29	20 37.84	−17 18.5	1.723	2.654	10.5	20.3
9 8	20 33.16	−17 34.3	1.805	2.662	13.9	20.5
298197 2002 TG_{274}			8 4.1 299°.96	5°.4/ 7.3 18		
6 30	21 19.65	− 2 58.3	1.837	2.661	15.5	20.4
7 10	21 15.72	− 2 35.1	1.735	2.635	12.7	20.2
7 20	21 9.63	− 2 28.4	1.653	2.608	9.5	19.9
7 30	21 1.89	− 2 39.2	1.594	2.582	6.6	19.7
8 9	20 53.30	− 3 6.7	1.560	2.555	5.5	19.5
8 19	20 44.84	− 3 47.8	1.551	2.529	7.6	19.6
8 29	20 37.55	− 4 37.9	1.568	2.503	11.1	19.8
9 8	20 32.32	− 5 31.3	1.607	2.477	14.6	19.9
346577 2008 VJ_{57}			8 4.1 313°.72	1°.9/ 5.2 18		
6 30	21 19.34	−11 22.4	1.495	2.363	16.2	20.4
7 10	21 15.89	−11 28.8	1.406	2.342	12.6	20.1
7 20	21 9.92	−11 49.8	1.337	2.321	8.3	19.8
7 30	21 2.02	−12 23.4	1.291	2.300	3.7	19.5
8 9	20 53.19	−13 5.4	1.270	2.280	2.8	19.4
8 19	20 44.63	−13 50.5	1.273	2.261	7.5	19.6
8 29	20 37.60	−14 33.0	1.300	2.242	12.2	19.9
9 8	20 33.09	−15 8.5	1.347	2.223	16.5	20.1
228126 2009 ON_{1}			8 4.1 334°.43	6°.1/28.3 18		
6 30	21 21.00	−29 10.3	2.141	3.014	11.8	19.4
7 10	21 16.71	−31 31.0	2.074	3.010	9.1	19.2
7 20	21 10.23	−33 53.6	2.033	3.006	6.9	19.0
7 30	21 2.09	−36 8.9	2.021	3.002	6.1	19.0
8 9	20 53.14	−38 7.6	2.038	2.998	7.5	19.1
8 19	20 44.38	−39 43.3	2.081	2.994	10.0	19.2
8 29	20 36.88	−40 53.1	2.149	2.991	12.6	19.4
9 8	20 31.49	−41 37.7	2.237	2.988	14.9	19.6
484915 2009 SR_{22}			8 4.1 332°.73	5°.9/ 8.2 17		
6 30	21 15.61	− 0 57.4	1.786	2.610	15.8	21.3
7 10	21 12.61	− 0 43.6	1.696	2.593	13.1	21.1
7 20	21 7.63	− 0 49.3	1.625	2.577	10.0	20.9
7 30	21 1.17	− 1 15.4	1.577	2.561	7.1	20.7
8 9	20 54.04	− 2 0.2	1.553	2.546	5.9	20.6
8 19	20 47.16	− 2 59.8	1.554	2.532	7.5	20.6
8 29	20 41.47	− 4 8.4	1.580	2.519	10.7	20.8
9 8	20 37.77	− 5 19.4	1.628	2.507	14.0	21.0
111628 2002 AQ_{131}			8 4.1 330°.38	16°.6/ 7.6 17		
6 30	21 27.87	+ 5 41.7	1.033	1.852	25.2	18.3
7 10	21 23.17	+ 8 41.6	0.970	1.845	22.3	18.0
7 20	21 14.90	+11 18.9	0.923	1.838	19.5	17.8
7 30	21 3.84	+13 20.9	0.893	1.832	17.3	17.7
8 9	20 51.45	+14 37.8	0.882	1.827	16.7	17.6
8 19	20 39.56	+15 6.1	0.890	1.822	17.8	17.7
8 29	20 30.01	+14 50.6	0.915	1.818	20.2	17.8
9 8	20 24.11	+14 2.9	0.956	1.815	23.1	18.0

114679 2003 FJ_{54} 8 4.1 37.°76 0.°4/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.93	−14 25.6	1.912	2.773	13.5	19.6
7 10	21 15.55	−14 43.1	1.847	2.780	10.2	19.4
7 20	21 9.26	−15 9.6	1.803	2.788	6.4	19.2
7 30	21 1.67	−15 41.9	1.785	2.796	2.3	19.0
8 9	20 53.65	−16 15.9	1.793	2.804	2.0	18.9
8 19	20 46.11	−16 47.8	1.828	2.812	6.0	19.2
8 29	20 39.91	−17 14.3	1.889	2.821	9.7	19.5
9 8	20 35.68	−17 33.4	1.973	2.830	12.9	19.7

480323 2015 HJ_{179} 8 4.1 85.°94 1.°5/ 3.0 17

6 30	21 22.09	−17 52.1	1.758	2.627	14.1	21.1
7 10	21 17.36	−18 46.2	1.698	2.638	10.5	20.9
7 20	21 10.47	−19 48.3	1.661	2.650	6.4	20.7
7 30	21 2.10	−20 52.8	1.649	2.661	2.4	20.5
8 9	20 53.24	−21 53.3	1.664	2.672	3.1	20.6
8 19	20 44.94	−22 44.6	1.706	2.683	7.1	20.8
8 29	20 38.17	−23 23.1	1.773	2.694	10.9	21.1
9 8	20 33.64	−23 47.8	1.862	2.704	14.1	21.3

348382 2005 GR_{17} 8 4.1 312.°46 2.°5/ 5.9 18

6 30	21 19.69	− 8 18.6	1.851	2.695	14.6	21.3
7 10	21 15.51	− 8 33.9	1.773	2.693	11.4	21.1
7 20	21 9.33	− 9 3.8	1.716	2.691	7.7	20.9
7 30	21 1.73	− 9 46.4	1.684	2.689	3.9	20.6
8 9	20 53.56	−10 37.6	1.678	2.686	2.9	20.6
8 19	20 45.76	−11 32.8	1.699	2.684	6.2	20.8
8 29	20 39.26	−12 26.8	1.746	2.682	10.0	21.0
9 8	20 34.78	−13 15.4	1.815	2.681	13.4	21.2

348139 2004 BG_{162} 8 4.1 235.°44 2.°8/ 1.9 18

6 30	21 22.61	−23 20.4	2.210	3.075	11.7	21.0
7 10	21 17.57	−24 7.5	2.128	3.066	8.8	20.8
7 20	21 10.57	−24 57.6	2.071	3.056	5.6	20.6
7 30	21 2.16	−25 45.8	2.040	3.046	3.1	20.4
8 9	20 53.16	−26 27.0	2.036	3.036	3.9	20.4
8 19	20 44.48	−26 57.5	2.061	3.025	7.1	20.6
8 29	20 37.04	−27 15.0	2.111	3.014	10.3	20.8
9 8	20 31.54	−27 19.3	2.184	3.003	13.2	21.0

185123 2006 SQ_{70} 8 4.1 179.°01 1.°5/ 5.1 17

6 30	21 23.63	−10 54.7	1.805	2.653	14.7	21.5
7 10	21 18.52	−11 16.7	1.730	2.654	11.3	21.3
7 20	21 11.22	−11 51.8	1.676	2.655	7.4	21.1
7 30	21 2.39	−12 36.9	1.647	2.656	3.2	20.8
8 9	20 52.95	−13 27.6	1.645	2.655	2.3	20.8
8 19	20 43.95	−14 18.7	1.671	2.655	6.4	21.0
8 29	20 36.38	−15 5.6	1.722	2.654	10.4	21.3
9 8	20 31.01	−15 45.0	1.796	2.652	14.0	21.5

149772 2004 RN_{27} 8 4.1 91.°66 6.°4/30.8 18

6 30	21 27.82	−36 57.6	2.308	3.163	11.7	19.2
7 10	21 21.32	−37 35.5	2.254	3.171	9.4	19.1
7 20	21 12.75	−38 5.1	2.222	3.179	7.4	19.0
7 30	21 2.84	−38 21.0	2.217	3.187	6.4	18.9
8 9	20 52.61	−38 19.2	2.238	3.195	7.1	19.0
8 19	20 43.07	−37 58.5	2.285	3.203	9.0	19.1
8 29	20 35.14	−37 20.4	2.356	3.211	11.2	19.3
9 8	20 29.46	−36 27.8	2.450	3.219	13.3	19.5

206644 2003 XM_{21} 8 4.1 315.°92 1.°6/ 3.3 18

6 30	21 21.39	−19 33.2	1.490	2.372	15.4	19.8
7 10	21 17.69	−19 49.7	1.393	2.340	11.8	19.5
7 20	21 11.21	−20 13.5	1.316	2.307	7.4	19.2
7 30	21 2.54	−20 40.1	1.263	2.275	2.8	18.8
8 9	20 52.71	−21 4.0	1.234	2.243	3.4	18.7
8 19	20 43.08	−21 20.0	1.230	2.212	8.5	19.0
8 29	20 35.06	−21 24.7	1.249	2.181	13.5	19.2
9 8	20 29.78	−21 16.6	1.287	2.151	17.9	19.3

216951 1999 VV_{94} 8 4.1 259.°31 3.°7/ 7.2 18

6 30	21 18.55	− 4 6.9	2.445	3.259	12.4	20.7
7 10	21 14.25	− 4 4.0	2.352	3.248	10.0	20.6
7 20	21 8.38	− 4 14.1	2.280	3.236	7.2	20.4
7 30	21 1.39	− 4 36.8	2.234	3.225	4.7	20.2
8 9	20 53.91	− 5 10.2	2.215	3.213	3.8	20.1
8 19	20 46.64	− 5 51.5	2.224	3.202	5.6	20.2
8 29	20 40.30	− 6 36.9	2.259	3.190	8.4	20.4
9 8	20 35.48	− 7 22.8	2.319	3.178	11.1	20.5

476266 2007 VV_{145} 8 4.1 269.°71 3.°1/ 2.0 18

6 30	21 22.90	−23 56.0	1.970	2.841	12.7	21.7
7 10	21 17.97	−24 34.9	1.894	2.834	9.6	21.5
7 20	21 10.89	−25 16.3	1.840	2.826	6.2	21.3
7 30	21 2.28	−25 54.8	1.812	2.819	3.3	21.1
8 9	20 53.07	−26 25.3	1.811	2.811	4.2	21.1
8 19	20 44.29	−26 44.0	1.837	2.804	7.6	21.3
8 29	20 36.92	−26 49.2	1.888	2.796	11.0	21.5
9 8	20 31.72	−26 41.2	1.961	2.789	14.1	21.7

21720 Pilishvili 8 4.1 21.°67 4.°6/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.62	− 4 38.1	1.185	2.048	19.9	17.9
7 10	21 15.53	− 4 49.8	1.125	2.052	15.8	17.7
7 20	21 9.70	− 5 27.1	1.083	2.057	11.2	17.4
7 30	21 1.92	− 6 28.2	1.062	2.063	6.6	17.2
8 9	20 53.43	− 7 46.9	1.063	2.069	4.8	17.1
8 19	20 45.59	− 9 14.5	1.088	2.077	8.2	17.3
8 29	20 39.69	−10 41.3	1.135	2.085	12.8	17.6
9 8	20 36.60	−11 59.5	1.202	2.093	17.1	17.9

360167 2013 CC_{83} 8 4.1 125.°81 2.°5/ 2.1 18

6 30	21 23.97	−24 54.4	2.699	3.555	10.2	21.9
7 10	21 18.03	−25 21.4	2.639	3.571	7.6	21.7
7 20	21 10.54	−25 48.1	2.603	3.586	4.9	21.6
7 30	21 2.08	−26 11.1	2.595	3.600	2.7	21.4
8 9	20 53.34	−26 27.2	2.616	3.614	3.3	21.5
8 19	20 45.05	−26 34.5	2.666	3.628	5.8	21.7
8 29	20 37.91	−26 32.1	2.743	3.641	8.4	21.9
9 8	20 32.41	−26 20.6	2.844	3.654	10.7	22.1

23409 Derzhavin 8 4.1 306.°99 3.°8/ 6.1 18

6 30	21 19.37	− 7 41.9	1.303	2.168	18.3	17.9
7 10	21 16.31	− 7 40.3	1.212	2.143	14.6	17.6
7 20	21 10.43	− 7 58.8	1.141	2.119	10.2	17.3
7 30	21 2.29	− 8 37.2	1.090	2.095	5.6	16.9
8 9	20 52.98	− 9 31.7	1.063	2.071	4.1	16.8
8 19	20 43.85	−10 36.1	1.059	2.047	8.4	17.0
8 29	20 36.41	−11 42.6	1.077	2.024	13.6	17.2
9 8	20 31.82	−12 43.8	1.115	2.002	18.4	17.4

245307 2005 ER_{34} 8 4.1 192.°45 2.°0/ 2.8 18

6 30	21 23.66	−21 22.4	2.028	2.894	12.7	20.8
7 10	21 18.39	−21 52.1	1.955	2.893	9.5	20.6
7 20	21 11.07	−22 25.5	1.905	2.892	5.9	20.4
7 30	21 2.33	−22 58.1	1.881	2.891	2.6	20.2
8 9	20 53.07	−23 25.3	1.884	2.889	3.3	20.2
8 19	20 44.27	−23 43.7	1.915	2.888	6.8	20.4
8 29	20 36.85	−23 51.5	1.972	2.886	10.3	20.6
9 8	20 31.52	−23 48.4	2.051	2.884	13.4	20.8

312501 2009 BU_{150} 8 4.1 101.°30 2.°3/ 5.3 17

6 30	21 26.16	−11 12.4	1.397	2.257	17.6	20.7
7 10	21 20.80	−11 6.8	1.336	2.266	13.5	20.5
7 20	21 12.79	−11 15.3	1.294	2.275	8.9	20.2
7 30	21 2.95	−11 35.3	1.276	2.284	4.1	20.0
8 9	20 52.52	−12 2.6	1.283	2.293	3.0	20.0
8 19	20 42.81	−12 32.4	1.315	2.301	7.5	20.2
8 29	20 35.04	−13 0.2	1.372	2.310	12.1	20.5
9 8	20 30.04	−13 22.6	1.449	2.318	16.0	20.8

276053 2002 CS_{32} 8 4.1 102.°23 3.°5/ 1.6 17

6 30	21 24.01	−23 7.1	1.804	2.677	13.6	20.4
7 10	21 18.81	−24 13.4	1.749	2.690	10.2	20.2
7 20	21 11.38	−25 22.9	1.717	2.703	6.5	20.0
7 30	21 2.44	−26 28.9	1.710	2.716	3.6	19.9
8 9	20 53.00	−27 24.8	1.731	2.729	4.7	20.0
8 19	20 44.17	−28 6.0	1.778	2.741	8.1	20.2
8 29	20 36.96	−28 30.4	1.849	2.753	11.5	20.4
9 8	20 32.06	−28 38.6	1.943	2.765	14.4	20.7

277545 2005 YL_{82} 8 4.1 43.°18 2.°6/ 2.2 17

6 30	21 20.44	−18 32.9	1.479	2.362	15.5	19.8
7 10	21 16.55	−19 56.5	1.423	2.371	11.5	19.5
7 20	21 10.18	−21 30.2	1.389	2.380	7.1	19.3
7 30	21 2.07	−23 5.8	1.380	2.390	3.1	19.1
8 9	20 53.36	−24 34.2	1.396	2.400	4.3	19.2
8 19	20 45.24	−25 48.0	1.437	2.411	8.5	19.5
8 29	20 38.89	−26 42.5	1.503	2.422	12.6	19.8
9 8	20 35.09	−27 16.8	1.589	2.433	16.1	20.0

253835 2003 YH_{90} 8 4.1 141.°32 0.°1/ 4.0 17

6 30	21 26.11	−15 53.5	1.833	2.689	14.2	21.3
7 10	21 20.26	−16 16.1	1.767	2.699	10.7	21.1
7 20	21 12.24	−16 46.8	1.724	2.709	6.6	20.8
7 30	21 2.74	−17 21.7	1.706	2.718	2.3	20.6
8 9	20 52.76	−17 56.1	1.716	2.726	2.2	20.6
8 19	20 43.34	−18 26.0	1.753	2.734	6.5	20.9
8 29	20 35.48	−18 48.5	1.817	2.742	10.4	21.2
9 8	20 29.88	−19 2.0	1.903	2.749	13.7	21.4

216028 2005 WB_{59} 8 4.1 42.°56 0.°0/ 4.1 18

6 30	21 20.36	−16 5.6	1.966	2.829	13.1	20.4
7 10	21 15.82	−16 23.0	1.903	2.839	9.8	20.2
7 20	21 9.42	−16 47.6	1.863	2.849	6.1	20.0
7 30	21 1.77	−17 16.1	1.848	2.860	2.1	19.8
8 9	20 53.72	−17 44.7	1.860	2.871	2.0	19.8
8 19	20 46.17	−18 9.8	1.899	2.882	5.9	20.1
8 29	20 39.96	−18 28.8	1.964	2.893	9.5	20.3
9 8	20 35.69	−18 40.2	2.052	2.905	12.6	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
478654 2012 TF_{241}			8 4.1 291°.89	1°.7/ 5.3 18		
	h m	° ′			°	m
6 30	21 19.97	−10 34.1	1.744	2.599	14.8	21.4
7 10	21 16.01	−10 54.3	1.655	2.584	11.5	21.2
7 20	21 9.84	−11 28.8	1.588	2.569	7.6	20.9
7 30	21 2.01	−12 15.3	1.545	2.554	3.4	20.6
8 9	20 53.42	−13 9.3	1.528	2.539	2.4	20.5
8 19	20 45.11	−14 5.4	1.538	2.524	6.6	20.7
8 29	20 38.14	−14 58.3	1.572	2.509	10.9	21.0
9 8	20 33.35	−15 43.8	1.629	2.494	14.7	21.2
478868 2012 VT_{86}			8 4.1 294°.62	3°.1/ 2.3 18		
6 30	21 23.35	−23 27.2	1.762	2.637	13.8	21.1
7 10	21 18.58	−24 2.1	1.685	2.627	10.4	20.9
7 20	21 11.41	−24 40.1	1.630	2.617	6.7	20.7
7 30	21 2.53	−25 15.6	1.600	2.608	3.4	20.4
8 9	20 52.96	−25 43.0	1.596	2.598	4.4	20.5
8 19	20 43.85	−25 58.1	1.618	2.588	8.1	20.7
8 29	20 36.31	−25 59.2	1.665	2.579	11.9	20.9
9 8	20 31.17	−25 46.6	1.733	2.570	15.3	21.1
298292 2003 AC_{90}			8 4.1 283°.55	1°.6/ 3.0 18		
6 30	21 21.24	−19 23.6	1.989	2.856	12.8	20.6
7 10	21 16.63	−20 0.4	1.915	2.854	9.6	20.4
7 20	21 10.02	−20 43.0	1.864	2.852	5.9	20.2
7 30	21 2.01	−21 26.9	1.840	2.851	2.3	20.0
8 9	20 53.47	−22 7.3	1.842	2.849	2.9	20.0
8 19	20 45.34	−22 40.1	1.872	2.848	6.7	20.2
8 29	20 38.54	−23 2.5	1.927	2.846	10.2	20.5
9 8	20 33.76	−23 13.6	2.004	2.844	13.4	20.7
7041 Nantucket			8 4.2 321°.62	6°.5/ 7.6 18		
6 30	21 18.33	− 3 7.2	1.188	2.046	20.2	17.2
7 10	21 15.58	− 2 44.6	1.111	2.031	16.5	17.0
7 20	21 9.97	− 2 46.7	1.050	2.017	12.3	16.7
7 30	21 2.15	− 3 15.2	1.009	2.004	8.2	16.4
8 9	20 53.28	− 4 7.8	0.990	1.991	6.6	16.3
8 19	20 44.78	− 5 18.5	0.994	1.979	9.4	16.4
8 29	20 38.13	− 6 38.3	1.018	1.968	13.9	16.6
9 8	20 34.42	− 7 57.5	1.062	1.958	18.4	16.8
316525 2010 VN_{200}			8 4.2 241°.11	2°.4/ 2.4 18		
6 30	21 22.35	−23 53.9	2.415	3.278	11.0	20.8
7 10	21 17.14	−24 16.5	2.338	3.274	8.2	20.6
7 20	21 10.19	−24 40.1	2.284	3.269	5.2	20.4
7 30	21 2.05	−25 0.9	2.258	3.265	2.7	20.2
8 9	20 53.47	−25 15.5	2.259	3.260	3.3	20.3
8 19	20 45.27	−25 21.5	2.288	3.256	6.2	20.4
8 29	20 38.23	−25 17.5	2.344	3.251	9.2	20.6
9 8	20 32.97	−25 3.9	2.423	3.246	11.9	20.8
441997 2010 OZ_{5}			8 4.2 310°.84	4°.0/ 6.7 18		
6 30	21 20.49	− 5 56.7	2.111	2.937	13.7	20.3
7 10	21 15.91	− 5 30.2	2.026	2.931	10.9	20.2
7 20	21 9.52	− 5 15.8	1.963	2.924	7.9	20.0
7 30	21 1.85	− 5 13.6	1.924	2.918	5.0	19.8
8 9	20 53.65	− 5 22.3	1.912	2.912	4.1	19.7
8 19	20 45.77	− 5 39.6	1.928	2.906	6.2	19.8
8 29	20 39.03	− 6 2.2	1.969	2.900	9.3	20.0
9 8	20 34.09	− 6 26.7	2.033	2.895	12.4	20.2
254313 2004 RH_{319}			8 4.2 311°.41	4°.0/ 7.0 18		
6 30	21 18.86	− 4 54.2	2.114	2.939	13.7	20.3
7 10	21 14.71	− 4 40.7	2.028	2.931	11.0	20.1
7 20	21 8.79	− 4 41.0	1.963	2.924	8.0	19.9
7 30	21 1.60	− 4 54.8	1.923	2.916	5.1	19.7
8 9	20 53.89	− 5 20.3	1.909	2.909	4.1	19.6
8 19	20 46.45	− 5 54.4	1.922	2.902	6.2	19.7
8 29	20 40.12	− 6 33.4	1.961	2.895	9.3	19.9
9 8	20 35.55	− 7 13.0	2.023	2.888	12.3	20.1
336749 2010 GT_{101}			8 4.2 252°.16	1°.0/ 4.9 18		
6 30	21 21.19	−12 25.2	1.905	2.758	13.8	21.4
7 10	21 16.68	−12 45.7	1.823	2.752	10.6	21.2
7 20	21 10.11	−13 17.5	1.764	2.745	6.8	20.9
7 30	21 2.08	−13 57.8	1.729	2.739	2.7	20.7
8 9	20 53.44	−14 42.3	1.722	2.732	2.1	20.6
8 19	20 45.14	−15 26.5	1.741	2.726	6.2	20.9
8 29	20 38.14	−16 6.3	1.787	2.719	10.1	21.1
9 8	20 33.19	−16 38.7	1.855	2.712	13.6	21.3
438935 2010 GU_{100}			8 4.2 104°.36	2°.5/ 6.2 17		
6 30	21 21.67	− 7 10.2	2.018	2.850	14.0	21.8
7 10	21 16.70	− 7 36.9	1.955	2.868	10.9	21.6
7 20	21 9.93	− 8 17.9	1.914	2.885	7.3	21.4
7 30	21 1.96	− 9 10.5	1.899	2.902	3.8	21.3
8 9	20 53.61	−10 10.5	1.911	2.918	2.7	21.2
8 19	20 45.73	−11 13.1	1.951	2.934	5.7	21.4
8 29	20 39.14	−12 13.4	2.017	2.950	9.1	21.7
9 8	20 34.43	−13 7.6	2.108	2.966	12.1	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
303207 2004 HH_{39}			8 4.2 169°.12	3°.0/ 6.7 18		
	h m	° ′			°	m
6 30	21 19.98	− 5 48.2	2.314	3.136	12.8	21.6
7 10	21 15.35	− 5 58.2	2.234	3.138	10.1	21.4
7 20	21 9.08	− 6 21.3	2.176	3.140	7.1	21.2
7 30	21 1.68	− 6 56.3	2.144	3.142	4.2	21.0
8 9	20 53.85	− 7 40.4	2.140	3.143	3.2	21.0
8 19	20 46.33	− 8 29.9	2.163	3.144	5.4	21.1
8 29	20 39.86	− 9 20.8	2.213	3.145	8.5	21.3
9 8	20 35.02	−10 9.3	2.289	3.146	11.3	21.5
327125 2005 EQ_{145}			8 4.2 255°.18	4°.1/ 1.9 17		
6 30	21 27.65	−24 47.6	1.612	2.486	14.9	21.5
7 10	21 22.20	−25 31.4	1.529	2.470	11.4	21.3
7 20	21 13.91	−26 18.3	1.469	2.455	7.4	21.0
7 30	21 3.50	−27 1.0	1.433	2.438	4.3	20.8
8 9	20 52.13	−27 32.6	1.423	2.421	5.4	20.8
8 19	20 41.19	−27 48.1	1.438	2.404	9.3	21.0
8 29	20 32.07	−27 45.6	1.478	2.387	13.5	21.2
9 8	20 25.76	−27 26.4	1.538	2.369	17.2	21.4
501052 2013 RM_{97}			8 4.2 163°.83	2°.8/ 5.6 18		
6 30	21 27.17	−10 26.6	1.754	2.595	15.4	21.0
7 10	21 21.18	−10 2.0	1.680	2.598	12.0	20.8
7 20	21 12.91	− 9 48.1	1.627	2.601	8.1	20.6
7 30	21 3.05	− 9 44.1	1.600	2.604	4.2	20.4
8 9	20 52.63	− 9 47.7	1.599	2.606	3.2	20.3
8 19	20 42.73	− 9 56.3	1.626	2.608	6.8	20.5
8 29	20 34.42	−10 6.8	1.678	2.610	10.7	20.8
9 8	20 28.44	−10 16.3	1.753	2.611	14.2	21.0
446533 2014 MP_{6}			8 4.2 15°.72	5°.9/30.6 18		
6 30	21 19.94	−29 19.9	1.744	2.628	13.4	19.8
7 10	21 16.05	−30 39.9	1.690	2.633	10.3	19.6
7 20	21 9.83	−31 58.6	1.659	2.638	7.4	19.4
7 30	21 2.00	−33 7.9	1.652	2.644	5.9	19.4
8 9	20 53.61	−34 0.8	1.671	2.651	7.1	19.5
8 19	20 45.80	−34 33.1	1.714	2.658	9.8	19.6
8 29	20 39.62	−34 43.7	1.780	2.665	12.8	19.8
9 8	20 35.83	−34 34.3	1.867	2.674	15.5	20.0
138353 2000 GX_{117}			8 4.2 265°.66	3°.6/ 2.2 18		
6 30	21 27.88	−24 37.0	1.749	2.618	14.2	20.1
7 10	21 22.22	−25 9.7	1.658	2.597	10.8	19.8
7 20	21 13.88	−25 44.7	1.589	2.575	7.0	19.6
7 30	21 3.49	−26 15.9	1.546	2.552	3.9	19.3
8 9	20 52.14	−26 37.2	1.529	2.529	4.8	19.3
8 19	20 41.13	−26 44.3	1.538	2.505	8.7	19.5
8 29	20 31.76	−26 35.6	1.572	2.481	12.8	19.7
9 8	20 25.03	−26 12.1	1.627	2.457	16.4	19.9
475610 2006 UX_{137}			8 4.2 327°.92	6°.5/31.0 18		
6 30	21 24.65	−32 48.9	1.804	2.679	13.5	20.9
7 10	21 19.64	−33 39.6	1.736	2.671	10.7	20.7
7 20	21 12.11	−34 25.5	1.691	2.663	8.0	20.5
7 30	21 2.81	−34 59.3	1.670	2.656	6.6	20.4
8 9	20 52.86	−35 14.9	1.674	2.650	7.5	20.5
8 19	20 43.50	−35 9.5	1.703	2.643	10.2	20.6
8 29	20 35.92	−34 43.2	1.756	2.637	13.1	20.8
9 8	20 30.91	−33 59.0	1.828	2.631	15.9	21.0
512398 2016 PE_{25}			8 4.2 271°.35	3°.2/ 1.9 18		
6 30	21 24.46	−23 18.3	1.934	2.803	13.0	21.8
7 10	21 19.44	−24 7.7	1.839	2.778	9.9	21.6
7 20	21 12.06	−25 1.8	1.768	2.754	6.4	21.3
7 30	21 2.85	−25 54.9	1.722	2.728	3.5	21.1
8 9	20 52.74	−26 40.5	1.703	2.702	4.5	21.1
8 19	20 42.84	−27 13.7	1.711	2.676	8.1	21.3
8 29	20 34.31	−27 31.5	1.744	2.649	11.9	21.4
9 8	20 28.06	−27 33.8	1.798	2.622	15.3	21.6
239828 1998 VW_{42}			8 4.2 336°.62	1°.8/ 2.9 18		
6 30	21 21.98	−19 47.8	1.821	2.693	13.6	20.7
7 10	21 17.36	−20 22.7	1.750	2.691	10.2	20.5
7 20	21 10.57	−21 3.6	1.701	2.690	6.3	20.3
7 30	21 2.26	−21 45.5	1.678	2.689	2.5	20.0
8 9	20 53.37	−22 23.1	1.681	2.688	3.2	20.1
8 19	20 44.95	−22 52.3	1.710	2.687	7.1	20.3
8 29	20 38.00	−23 10.3	1.765	2.686	10.9	20.6
9 8	20 33.26	−23 16.3	1.841	2.685	14.2	20.8
471585 2012 RM_{19}			8 4.2 331°.96	5°.8/ 1.9 18		
6 30	21 26.82	−29 51.7	1.342	2.230	16.5	19.3
7 10	21 21.99	−30 4.6	1.268	2.213	12.8	19.0
7 20	21 13.93	−30 12.5	1.214	2.198	8.9	18.7
7 30	21 3.51	−30 7.9	1.182	2.183	6.0	18.5
8 9	20 52.20	−29 44.8	1.174	2.170	6.9	18.5
8 19	20 41.63	−29 0.8	1.190	2.157	10.7	18.7
8 29	20 33.36	−27 57.7	1.228	2.145	15.0	18.9
9 8	20 28.37	−26 40.1	1.285	2.135	18.8	19.2

112604 2002 PX_{60} 8 4.2 351°.93 3°.5/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 15.16	−20 42.7	0.958	1.874	18.9	18.1
7 10	21 13.75	−21 28.2	0.899	1.864	14.3	17.8
7 20	21 9.05	−22 24.2	0.858	1.855	9.0	17.5
7 30	21 1.88	−23 22.1	0.837	1.848	4.1	17.2
8 9	20 53.73	−24 11.9	0.837	1.844	5.4	17.3
8 19	20 46.33	−24 45.5	0.857	1.841	10.8	17.6
8 29	20 41.29	−24 58.3	0.896	1.840	16.1	17.9
9 8	20 39.67	−24 50.1	0.952	1.841	20.6	18.1

91193 1998 ST_{76} 8 4.2 352°.54 10°.5/13.7 18

6 30	21 16.28	+13 38.6	2.047	2.773	17.2	19.0
7 10	21 12.89	+14 20.5	1.967	2.770	15.4	18.8
7 20	21 7.72	+14 37.4	1.904	2.767	13.4	18.7
7 30	21 1.28	+14 26.1	1.861	2.765	11.7	18.6
8 9	20 54.30	+13 46.2	1.839	2.763	10.6	18.5
8 19	20 47.61	+12 40.0	1.840	2.762	10.6	18.5
8 29	20 42.04	+11 12.8	1.865	2.761	11.8	18.6
9 8	20 38.24	+ 9 32.4	1.912	2.760	13.6	18.7

185787 1999 VH_{32} 8 4.2 331°.65 6°.3/ 8.6 18

6 30	21 18.35	+ 0 40.9	2.048	2.850	14.9	19.5
7 10	21 14.40	+ 1 13.3	1.964	2.843	12.4	19.3
7 20	21 8.64	+ 1 28.7	1.899	2.837	9.7	19.1
7 30	21 1.60	+ 1 25.8	1.858	2.830	7.3	18.9
8 9	20 54.02	+ 1 5.4	1.842	2.824	6.3	18.9
8 19	20 46.72	+ 0 30.1	1.852	2.819	7.5	18.9
8 29	20 40.54	− 0 16.0	1.886	2.814	10.0	19.1
9 8	20 36.13	− 1 7.5	1.944	2.809	12.7	19.2

512650 2016 TF_{61} 8 4.2 319°.93 3°.5/ 1.9 18

6 30	21 23.34	−24 51.5	1.847	2.721	13.3	21.4
7 10	21 18.43	−25 31.3	1.777	2.719	10.0	21.2
7 20	21 11.27	−26 12.6	1.730	2.716	6.5	21.0
7 30	21 2.52	−26 49.8	1.708	2.713	3.8	20.8
8 9	20 53.20	−27 17.5	1.713	2.711	4.7	20.8
8 19	20 44.38	−27 31.9	1.743	2.709	8.0	21.0
8 29	20 37.11	−27 31.7	1.799	2.707	11.5	21.2
9 8	20 32.14	−27 17.6	1.875	2.704	14.6	21.4

211330 2002 TM_{10} 8 4.2 246°.86 5°.2/31.5 18

6 30	21 26.98	−31 31.1	2.239	3.100	11.8	20.6
7 10	21 20.99	−32 13.2	2.157	3.086	9.2	20.4
7 20	21 12.80	−32 51.8	2.100	3.072	6.7	20.3
7 30	21 3.05	−33 21.2	2.068	3.057	5.2	20.1
8 9	20 52.68	−33 36.3	2.064	3.042	6.1	20.2
8 19	20 42.72	−33 34.5	2.087	3.027	8.5	20.3
8 29	20 34.19	−33 15.5	2.134	3.011	11.3	20.4
9 8	20 27.85	−32 41.2	2.204	2.996	13.9	20.6

442600 2012 DE_{24} 8 4.2 248°.86 6°.5/11.2 17

6 30	21 17.80	+ 8 54.1	2.879	3.608	12.6	22.5
7 10	21 13.57	+ 8 51.3	2.772	3.591	10.9	22.4
7 20	21 7.96	+ 8 30.2	2.685	3.574	9.1	22.2
7 30	21 1.35	+ 7 49.9	2.621	3.556	7.4	22.1
8 9	20 54.27	+ 6 51.1	2.584	3.538	6.5	22.0
8 19	20 47.31	+ 5 36.5	2.574	3.519	6.9	22.0
8 29	20 41.11	+ 4 10.0	2.591	3.500	8.4	22.1
9 8	20 36.19	+ 2 37.2	2.635	3.480	10.4	22.2

331190 2011 AC_{60} 8 4.2 225°.73 0°.6/ 3.7 18

6 30	21 22.60	−15 5.3	1.696	2.561	14.8	20.5
7 10	21 18.05	−15 57.2	1.619	2.556	11.1	20.3
7 20	21 11.15	−17 1.3	1.563	2.551	6.9	20.0
7 30	21 2.54	−18 12.5	1.533	2.545	2.4	19.7
8 9	20 53.19	−19 24.1	1.529	2.539	2.6	19.7
8 19	20 44.21	−20 29.6	1.552	2.533	7.2	20.0
8 29	20 36.74	−21 23.8	1.600	2.527	11.5	20.2
9 8	20 31.62	−22 4.2	1.670	2.520	15.2	20.5

61936 2000 RZ_{7} 8 4.2 341°.85 2°.0/ 3.2 18

6 30	21 15.69	−19 5.2	1.101	2.007	17.8	18.1
7 10	21 13.90	−19 33.2	1.029	1.988	13.5	17.7
7 20	21 9.08	−20 12.0	0.976	1.971	8.5	17.4
7 30	21 1.92	−20 55.6	0.943	1.956	3.2	17.0
8 9	20 53.74	−21 36.2	0.933	1.942	4.1	17.1
8 19	20 46.07	−22 6.7	0.943	1.930	9.6	17.3
8 29	20 40.48	−22 22.1	0.975	1.920	15.0	17.6
9 8	20 38.07	−22 20.7	1.024	1.911	19.6	17.8

93281 2000 SJ_{187} 8 4.2 273°.75 1°.8/ 3.0 18

6 30	21 23.30	−19 37.5	1.778	2.648	13.9	20.6
7 10	21 18.61	−20 12.2	1.691	2.631	10.5	20.3
7 20	21 11.54	−20 53.9	1.626	2.615	6.6	20.0
7 30	21 2.69	−21 37.6	1.587	2.598	2.6	19.8
8 9	20 53.04	−22 17.8	1.574	2.581	3.3	19.8
8 19	20 43.70	−22 49.4	1.587	2.564	7.5	20.0
8 29	20 35.82	−23 9.4	1.626	2.547	11.7	20.2
9 8	20 30.29	−23 16.5	1.685	2.530	15.3	20.4

476214 2007 UT_{102} 8 4.2 267°.09 1°.9/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.00	−10 41.7	1.969	2.816	13.7	21.3
7 10	21 16.47	−10 47.6	1.887	2.810	10.6	21.1
7 20	21 9.98	−11 4.9	1.826	2.804	7.0	20.9
7 30	21 2.09	−11 31.6	1.791	2.798	3.3	20.6
8 9	20 53.63	−12 4.5	1.782	2.792	2.4	20.6
8 19	20 45.51	−12 39.9	1.801	2.786	6.0	20.8
8 29	20 38.64	−13 13.8	1.845	2.779	9.7	21.0
9 8	20 33.72	−13 43.2	1.913	2.773	13.1	21.2

173235 1999 BE_{15} 8 4.2 307°.28 0°.6/ 4.6 18

6 30	21 19.38	−11 56.2	1.706	2.567	14.8	19.4
7 10	21 15.95	−12 40.7	1.594	2.528	11.5	19.1
7 20	21 10.10	−13 42.5	1.505	2.489	7.5	18.8
7 30	21 2.29	−14 58.7	1.439	2.450	2.8	18.4
8 9	20 53.33	−16 23.5	1.400	2.411	2.3	18.3
8 19	20 44.33	−17 49.6	1.386	2.371	7.4	18.5
8 29	20 36.52	−19 9.6	1.398	2.332	12.2	18.7
9 8	20 30.99	−20 17.7	1.432	2.293	16.6	18.9

506666 2006 SU_{268} 8 4.2 232°.69 1°.9/ 5.3 17

6 30	21 24.83	−11 8.8	1.831	2.676	14.7	22.5
7 10	21 19.57	−11 11.3	1.743	2.665	11.4	22.2
7 20	21 12.05	−11 25.5	1.676	2.654	7.5	22.0
7 30	21 2.86	−11 49.4	1.635	2.643	3.5	21.7
8 9	20 52.93	−12 19.6	1.621	2.630	2.6	21.6
8 19	20 43.32	−12 52.1	1.634	2.618	6.6	21.9
8 29	20 35.09	−13 23.0	1.672	2.604	10.7	22.1
9 8	20 29.09	−13 49.1	1.734	2.591	14.4	22.3

180437 2004 BJ_{106} 8 4.2 101°.40 1°.7/ 3.0 18

6 30	21 25.44	−18 16.2	1.638	2.506	15.0	20.3
7 10	21 20.00	−19 10.6	1.585	2.524	11.2	20.1
7 20	21 12.21	−20 12.8	1.553	2.541	6.8	19.9
7 30	21 2.85	−21 16.4	1.547	2.558	2.6	19.7
8 9	20 53.02	−22 14.6	1.568	2.575	3.3	19.8
8 19	20 43.88	−23 2.0	1.615	2.591	7.5	20.0
8 29	20 36.48	−23 35.7	1.687	2.607	11.4	20.3
9 8	20 31.53	−23 55.0	1.781	2.622	14.7	20.6

519097 2010 LF_{93} 8 4.2 66°.39 5°.3/31.9 16

6 30	21 25.46	−28 36.8	1.708	2.585	14.1	20.7
7 10	21 20.05	−29 35.7	1.662	2.602	10.7	20.6
7 20	21 12.23	−30 32.2	1.638	2.618	7.4	20.4
7 30	21 2.85	−31 19.1	1.638	2.635	5.4	20.3
8 9	20 53.05	−31 50.4	1.665	2.652	6.4	20.4
8 19	20 44.02	−32 2.9	1.717	2.669	9.2	20.6
8 29	20 36.83	−31 56.6	1.793	2.685	12.4	20.9
9 8	20 32.17	−31 33.9	1.889	2.702	15.1	21.1

169478 2002 CS_{128} 8 4.2 124°.72 1°.1/ 4.7 17

6 30	21 26.30	−13 40.0	1.461	2.325	16.7	20.6
7 10	21 20.94	−13 44.3	1.396	2.330	12.8	20.4
7 20	21 12.96	−14 0.1	1.352	2.336	8.2	20.2
7 30	21 3.16	−14 24.2	1.331	2.341	3.2	19.9
8 9	20 52.72	−14 51.9	1.336	2.346	2.5	19.9
8 19	20 42.95	−15 18.5	1.366	2.351	7.4	20.2
8 29	20 35.05	−15 40.2	1.421	2.356	11.9	20.4
9 8	20 29.85	−15 54.5	1.496	2.361	15.8	20.7

323675 2005 EP_{164} 8 4.2 225°.64 4°.9/ 1.2 17

6 30	21 29.76	−27 48.4	1.827	2.693	13.8	21.9
7 10	21 23.53	−28 40.6	1.748	2.682	10.6	21.6
7 20	21 14.64	−29 32.9	1.691	2.670	7.3	21.4
7 30	21 3.79	−30 17.9	1.659	2.658	5.0	21.2
8 9	20 52.11	−30 48.9	1.655	2.644	6.0	21.3
8 19	20 40.89	−31 1.6	1.677	2.630	9.3	21.4
8 29	20 31.39	−30 55.2	1.724	2.615	12.8	21.6
9 8	20 24.54	−30 31.5	1.791	2.599	16.0	21.8

435142 2007 HC_{24} 8 4.2 131°.63 3°.2/ 6.4 17

6 30	21 22.82	− 6 43.8	1.922	2.752	14.6	22.1
7 10	21 17.74	− 6 48.7	1.851	2.762	11.5	21.9
7 20	21 10.71	− 7 8.1	1.803	2.770	8.0	21.8
7 30	21 2.35	− 7 40.5	1.779	2.779	4.5	21.6
8 9	20 53.51	− 8 22.5	1.782	2.787	3.4	21.5
8 19	20 45.13	− 9 9.8	1.812	2.795	6.2	21.7
8 29	20 38.08	− 9 57.9	1.869	2.802	9.6	21.9
9 8	20 33.04	−10 42.6	1.949	2.809	12.8	22.1

222486 2001 SP_{154} 8 4.2 335°.99 5°.2/ 1.8 17

6 30	21 23.38	−26 36.7	1.263	2.158	16.8	19.1
7 10	21 19.49	−27 13.3	1.195	2.146	12.9	18.8
7 20	21 12.44	−27 50.7	1.147	2.136	8.6	18.5
7 30	21 3.08	−28 20.6	1.121	2.126	5.4	18.3
8 9	20 52.81	−28 35.4	1.118	2.117	6.6	18.4
8 19	20 43.23	−28 30.5	1.139	2.109	10.7	18.6
8 29	20 35.88	−28 5.3	1.180	2.102	15.1	18.8
9 8	20 31.74	−27 22.4	1.240	2.095	19.0	19.0

244742 2003 SV_{35} 8 4.2 337°.66 5°.3/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.23	− 6 37.9	1.177	2.044	19.7	19.4
7 10	21 17.00	− 6 5.1	1.106	2.035	15.8	19.1
7 20	21 10.86	− 5 51.9	1.053	2.027	11.3	18.8
7 30	21 2.55	− 5 59.3	1.020	2.020	6.9	18.6
8 9	20 53.30	− 6 24.9	1.009	2.013	5.5	18.5
8 19	20 44.56	− 7 3.8	1.020	2.008	8.9	18.7
8 29	20 37.77	− 7 49.2	1.054	2.003	13.7	18.9
9 8	20 33.96	− 8 34.2	1.106	1.999	18.1	19.2

136565 1977 XF_{3} 8 4.2 284°.84 7°.7/28.0 18

6 30	21 24.01	−35 32.8	2.054	2.921	12.4	19.9
7 10	21 19.32	−37 10.9	1.975	2.899	10.1	19.7
7 20	21 12.11	−38 46.0	1.920	2.877	8.3	19.6
7 30	21 2.97	−40 9.1	1.890	2.855	7.8	19.5
8 9	20 52.87	−41 12.6	1.885	2.832	9.0	19.5
8 19	20 43.02	−41 51.3	1.906	2.810	11.3	19.6
8 29	20 34.65	−42 3.9	1.948	2.787	13.9	19.8
9 8	20 28.74	−41 52.8	2.010	2.764	16.3	19.9

183786 2004 BJ_{30} 8 4.2 141°.34 1°.0/ 3.6 17

6 30	21 26.35	−17 57.5	1.813	2.673	14.1	21.6
7 10	21 20.56	−18 27.3	1.748	2.683	10.6	21.4
7 20	21 12.53	−19 3.9	1.706	2.692	6.5	21.2
7 30	21 3.00	−19 42.5	1.689	2.701	2.3	21.0
8 9	20 52.96	−20 18.3	1.700	2.709	2.6	21.0
8 19	20 43.50	−20 47.0	1.738	2.716	6.8	21.3
8 29	20 35.63	−21 6.0	1.801	2.723	10.7	21.5
9 8	20 30.06	−21 14.6	1.888	2.729	14.0	21.8

472154 2014 DW_{6} 8 4.2 242°.47 2°.8/ 2.4 18

6 30	21 26.52	−24 1.6	2.051	2.914	12.6	22.3
7 10	21 20.73	−24 28.2	1.965	2.901	9.6	22.1
7 20	21 12.72	−24 56.5	1.903	2.887	6.1	21.9
7 30	21 3.11	−25 21.5	1.866	2.873	3.2	21.7
8 9	20 52.82	−25 38.6	1.858	2.859	3.9	21.7
8 19	20 42.91	−25 44.7	1.877	2.844	7.4	21.9
8 29	20 34.42	−25 38.3	1.921	2.829	10.9	22.1
9 8	20 28.12	−25 20.1	1.989	2.813	14.1	22.2

110989 2001 US_{197} 8 4.2 127°.04 7°.4/10.7 18

6 30	21 20.59	+ 7 14.6	2.436	3.183	14.2	20.0
7 10	21 15.74	+ 7 50.4	2.362	3.193	12.2	19.8
7 20	21 9.33	+ 8 8.0	2.308	3.203	10.1	19.7
7 30	21 1.87	+ 8 5.9	2.276	3.213	8.3	19.6
8 9	20 54.02	+ 7 44.4	2.270	3.222	7.4	19.6
8 19	20 46.49	+ 7 5.8	2.290	3.231	7.9	19.6
8 29	20 39.97	+ 6 14.2	2.336	3.239	9.4	19.7
9 8	20 35.03	+ 5 14.5	2.406	3.248	11.4	19.9

270407 2002 BE_{5} 8 4.2 190°.11 6°.1/30.1 18

6 30	21 26.19	−31 44.9	2.091	2.956	12.3	20.8
7 10	21 20.59	−33 9.9	2.026	2.955	9.7	20.6
7 20	21 12.68	−34 32.3	1.985	2.954	7.2	20.5
7 30	21 3.10	−35 44.6	1.970	2.952	6.1	20.4
8 9	20 52.86	−36 39.9	1.983	2.950	7.2	20.5
8 19	20 43.04	−37 14.2	2.021	2.947	9.6	20.6
8 29	20 34.75	−37 26.6	2.083	2.943	12.3	20.8
9 8	20 28.77	−37 19.3	2.167	2.939	14.7	20.9

361872 2008 FR_{14} 8 4.2 206°.58 3°.9/ 7.7 18

6 30	21 18.61	− 2 31.4	2.380	3.187	12.9	21.8
7 10	21 14.36	− 2 42.9	2.294	3.185	10.4	21.6
7 20	21 8.54	− 3 9.5	2.230	3.182	7.6	21.4
7 30	21 1.62	− 3 50.5	2.191	3.180	5.0	21.2
8 9	20 54.24	− 4 43.2	2.179	3.177	3.9	21.2
8 19	20 47.11	− 5 43.9	2.195	3.174	5.6	21.3
8 29	20 40.96	− 6 48.3	2.239	3.170	8.4	21.4
9 8	20 36.36	− 7 51.6	2.307	3.167	11.1	21.6

513014 2017 UJ_{48} 8 4.2 191°.22 3°.7/ 1.2 17

6 30	21 24.69	−23 58.1	2.040	2.906	12.5	22.2
7 10	21 19.36	−25 11.9	1.968	2.905	9.4	22.0
7 20	21 11.87	−26 29.4	1.919	2.903	6.2	21.8
7 30	21 2.82	−27 44.0	1.898	2.901	3.8	21.7
8 9	20 53.13	−28 48.9	1.904	2.898	4.9	21.7
8 19	20 43.80	−29 39.2	1.938	2.895	8.0	21.9
8 29	20 35.87	−30 12.4	1.997	2.891	11.2	22.1
9 8	20 30.09	−30 28.5	2.078	2.886	14.1	22.3

276896 2004 RX_{346} 8 4.2 344°.90 9°.8/10.6 18

6 30	21 19.58	+ 6 22.3	1.619	2.406	18.8	19.8
7 10	21 15.79	+ 7 13.6	1.543	2.403	16.2	19.6
7 20	21 9.77	+ 7 40.3	1.485	2.400	13.5	19.4
7 30	21 2.12	+ 7 38.7	1.448	2.398	11.0	19.3
8 9	20 53.78	+ 7 8.7	1.432	2.396	9.8	19.2
8 19	20 45.81	+ 6 13.3	1.440	2.394	10.5	19.3
8 29	20 39.27	+ 4 58.8	1.471	2.392	12.6	19.4
9 8	20 34.97	+ 3 34.0	1.523	2.391	15.4	19.6

384536 2010 DE_{77} 8 4.2 167°.49 4°.8/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.46	− 0 38.4	2.093	2.896	14.6	21.0
7 10	21 15.93	− 0 48.1	2.013	2.899	11.9	20.8
7 20	21 9.60	− 1 16.1	1.954	2.901	8.9	20.7
7 30	21 2.01	− 2 1.8	1.919	2.903	6.0	20.5
8 9	20 53.93	− 3 2.3	1.911	2.905	4.8	20.4
8 19	20 46.16	− 4 13.2	1.930	2.906	6.4	20.5
8 29	20 39.55	− 5 28.8	1.975	2.907	9.3	20.7
9 8	20 34.72	− 6 43.6	2.045	2.908	12.3	20.9

40053 1998 KH_{41} 8 4.2 103°.24 3°.3/ 1.9 18

6 30	21 25.15	−23 31.8	1.895	2.764	13.3	19.4
7 10	21 19.59	−24 26.4	1.841	2.780	9.9	19.2
7 20	21 11.90	−25 23.2	1.811	2.796	6.3	19.0
7 30	21 2.79	−26 16.1	1.806	2.812	3.5	18.9
8 9	20 53.26	−26 59.4	1.829	2.827	4.4	19.0
8 19	20 44.34	−27 29.2	1.878	2.843	7.6	19.2
8 29	20 37.01	−27 44.2	1.953	2.857	10.9	19.4
9 8	20 31.92	−27 44.8	2.050	2.872	13.8	19.6

91582 1999 SF_{19} 8 4.2 269°.09 1°.9/ 2.5 18

6 30	21 20.10	−20 8.5	2.438	3.299	10.9	19.8
7 10	21 15.67	−20 59.8	2.344	3.280	8.2	19.6
7 20	21 9.49	−21 57.0	2.274	3.260	5.1	19.4
7 30	21 2.01	−22 55.6	2.231	3.241	2.3	19.2
8 9	20 53.93	−23 51.2	2.216	3.221	3.0	19.2
8 19	20 46.02	−24 39.3	2.230	3.200	6.2	19.3
8 29	20 39.09	−25 17.0	2.271	3.180	9.4	19.5
9 8	20 33.84	−25 42.7	2.334	3.159	12.2	19.7

279351 2010 AP_{10} 8 4.2 42°.11 4°.7/ 1.1 18

6 30	21 22.21	−24 11.2	1.454	2.342	15.4	20.0
7 10	21 18.03	−25 30.5	1.404	2.353	11.6	19.8
7 20	21 11.23	−26 53.2	1.376	2.364	7.6	19.6
7 30	21 2.62	−28 10.6	1.371	2.375	4.8	19.5
8 9	20 53.43	−29 14.2	1.392	2.387	6.0	19.6
8 19	20 44.96	−29 58.2	1.437	2.400	9.7	19.8
8 29	20 38.40	−30 20.7	1.505	2.412	13.4	20.1
9 8	20 34.53	−30 22.8	1.593	2.425	16.6	20.3

70323 1999 RW_{152} 8 4.2 2°.34 5°.3/ 7.3 18

6 30	21 18.58	− 4 23.9	1.185	2.047	19.9	18.7
7 10	21 15.65	− 4 18.0	1.121	2.046	16.0	18.5
7 20	21 9.95	− 4 36.7	1.074	2.045	11.5	18.2
7 30	21 2.25	− 5 19.8	1.047	2.046	7.1	18.0
8 9	20 53.74	− 6 22.5	1.042	2.047	5.4	17.9
8 19	20 45.81	− 7 37.5	1.061	2.049	8.5	18.1
8 29	20 39.78	− 8 55.8	1.101	2.051	13.1	18.3
9 8	20 36.59	−10 8.8	1.161	2.055	17.3	18.6

435775 2008 UC_{292} 8 4.2 149°.95 1°.4/ 5.1 17

6 30	21 22.78	−11 56.4	1.939	2.787	13.9	21.6
7 10	21 17.79	−12 6.8	1.866	2.791	10.6	21.4
7 20	21 10.81	−12 27.8	1.814	2.794	6.9	21.1
7 30	21 2.45	−12 56.9	1.789	2.797	3.0	20.9
8 9	20 53.59	−13 30.4	1.790	2.800	2.1	20.8
8 19	20 45.16	−14 4.5	1.819	2.803	6.0	21.1
8 29	20 38.07	−14 35.6	1.873	2.805	9.7	21.3
9 8	20 33.00	−15 0.9	1.951	2.808	13.0	21.6

320320 2007 TQ_{25} 8 4.2 188°.72 3°.3/ 6.3 17

6 30	21 24.67	− 7 4.7	1.712	2.548	15.9	21.8
7 10	21 19.50	− 7 9.8	1.634	2.548	12.5	21.5
7 20	21 12.04	− 7 31.1	1.577	2.547	8.7	21.3
7 30	21 2.93	− 8 7.1	1.544	2.546	4.8	21.1
8 9	20 53.14	− 8 53.9	1.537	2.544	3.6	21.0
8 19	20 43.76	− 9 46.7	1.557	2.541	6.8	21.2
8 29	20 35.88	−10 40.1	1.603	2.538	10.9	21.4
9 8	20 30.30	−11 29.2	1.671	2.534	14.5	21.7

269142 2007 VY_{30} 8 4.2 53°.03 0°.8/ 4.6 17

6 30	21 26.01	−14 58.3	1.240	2.117	18.3	20.7
7 10	21 21.04	−14 55.6	1.185	2.127	13.9	20.5
7 20	21 13.17	−15 4.3	1.149	2.136	8.8	20.2
7 30	21 3.32	−15 20.6	1.135	2.146	3.3	20.0
8 9	20 52.86	−15 39.5	1.145	2.156	2.6	19.9
8 19	20 43.27	−15 56.5	1.180	2.167	8.0	20.3
8 29	20 35.85	−16 7.9	1.237	2.178	12.9	20.6
9 8	20 31.44	−16 11.8	1.315	2.189	17.0	20.9

226881 2004 TF_{122} 8 4.2 309°.28 4°.3/ 7.8 18

6 30	21 17.35	− 2 27.6	2.166	2.982	13.7	20.5
7 10	21 13.64	− 2 32.2	2.077	2.972	11.1	20.3
7 20	21 8.22	− 2 53.2	2.008	2.963	8.2	20.1
7 30	21 1.57	− 3 30.1	1.964	2.953	5.5	20.0
8 9	20 54.40	− 4 20.5	1.947	2.944	4.3	19.9
8 19	20 47.45	− 5 20.6	1.956	2.935	6.1	20.0
8 29	20 41.54	− 6 25.5	1.991	2.926	9.1	20.1
9 8	20 37.30	− 7 30.2	2.050	2.918	12.0	20.3

509961 2009 SD_{202} 8 4.2 321°.14 3°.0/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.89	−20 43.7	1.219	2.116	17.1	21.0
7 10	21 17.09	−21 22.3	1.137	2.091	13.1	20.6
7 20	21 11.18	−22 10.7	1.074	2.067	8.3	20.3
7 30	21 2.80	−23 1.9	1.032	2.043	3.7	20.0
8 9	20 53.19	−23 47.7	1.013	2.020	4.8	20.0
8 19	20 43.91	−24 20.5	1.017	1.998	10.1	20.2
8 29	20 36.62	−24 35.7	1.042	1.977	15.3	20.4
9 8	20 32.53	−24 32.1	1.085	1.957	19.9	20.6

251800 1999 TY_{37} 8 4.2 262°.85 4°.5/ 8.3 18

6 30	21 18.27	− 0 15.2	2.587	3.379	12.4	21.1
7 10	21 14.11	− 0 21.4	2.483	3.360	10.2	21.0
7 20	21 8.44	− 0 42.9	2.400	3.341	7.7	20.8
7 30	21 1.65	− 1 19.6	2.342	3.322	5.5	20.6
8 9	20 54.34	− 2 9.9	2.312	3.302	4.5	20.5
8 19	20 47.15	− 3 10.6	2.309	3.282	5.8	20.6
8 29	20 40.79	− 4 17.6	2.334	3.262	8.3	20.7
9 8	20 35.85	− 5 26.1	2.384	3.242	10.9	20.8

360903 2005 SE_{178} 8 4.2 288°.13 4°.8/ 7.9 18

6 30	21 18.79	− 1 55.9	2.167	2.977	13.9	21.6
7 10	21 14.69	− 1 46.0	2.080	2.970	11.3	21.5
7 20	21 8.86	− 1 51.8	2.014	2.963	8.5	21.3
7 30	21 1.80	− 2 13.3	1.972	2.956	5.9	21.1
8 9	20 54.22	− 2 48.9	1.956	2.949	4.8	21.0
8 19	20 46.89	− 3 35.3	1.967	2.943	6.4	21.1
8 29	20 40.62	− 4 28.1	2.004	2.936	9.2	21.3
9 8	20 36.05	− 5 22.5	2.065	2.929	12.1	21.4

361916 2008 GE_{98} 8 4.2 321°.45 4°.9/31.0 18

6 30	21 21.71	−29 15.7	2.219	3.089	11.5	20.7
7 10	21 17.02	−30 22.9	2.153	3.089	8.8	20.5
7 20	21 10.36	−31 28.9	2.111	3.088	6.3	20.4
7 30	21 2.33	−32 27.8	2.096	3.088	4.9	20.3
8 9	20 53.77	−33 14.0	2.108	3.088	5.9	20.3
8 19	20 45.60	−33 43.9	2.146	3.087	8.3	20.5
8 29	20 38.75	−33 56.2	2.209	3.087	11.0	20.7
9 8	20 33.89	−33 52.1	2.293	3.087	13.4	20.8

263878 2009 DX_{138} 8 4.2 79°.60 5°.1/ 7.7 18

6 30	21 22.23	− 2 28.7	2.027	2.838	14.7	20.2
7 10	21 17.16	− 2 1.2	1.963	2.853	11.9	20.1
7 20	21 10.31	− 1 49.3	1.920	2.869	8.9	19.9
7 30	21 2.27	− 1 52.9	1.901	2.884	6.1	19.8
8 9	20 53.86	− 2 10.4	1.908	2.900	5.1	19.7
8 19	20 45.91	− 2 39.0	1.942	2.915	6.7	19.9
8 29	20 39.24	− 3 14.5	2.002	2.930	9.4	20.1
9 8	20 34.43	− 3 52.7	2.085	2.945	12.1	20.3

254226 2004 RM_{103} 8 4.2 186°.16 3°.7/ 7.0 18

6 30	21 20.09	− 5 0.1	2.423	3.238	12.5	20.3
7 10	21 15.43	− 4 45.0	2.341	3.238	10.0	20.1
7 20	21 9.21	− 4 41.8	2.281	3.238	7.2	20.0
7 30	21 1.91	− 4 50.1	2.246	3.238	4.6	19.8
8 9	20 54.20	− 5 8.3	2.239	3.237	3.7	19.8
8 19	20 46.77	− 5 33.9	2.259	3.237	5.6	19.9
8 29	20 40.33	− 6 4.0	2.307	3.236	8.3	20.0
9 8	20 35.46	− 6 35.0	2.378	3.236	10.9	20.2

476609 2008 SR_{130} 8 4.2 298°.32 1°.5/ 3.4 16

6 30	21 23.19	−19 18.7	1.628	2.502	14.8	21.9
7 10	21 18.77	−19 39.2	1.542	2.484	11.2	21.6
7 20	21 11.81	−20 6.6	1.477	2.466	7.0	21.3
7 30	21 2.94	−20 36.2	1.436	2.448	2.6	21.0
8 9	20 53.21	−21 2.9	1.421	2.430	3.1	21.0
8 19	20 43.82	−21 22.0	1.432	2.413	7.8	21.2
8 29	20 36.01	−21 30.5	1.467	2.395	12.2	21.5
9 8	20 30.72	−21 27.6	1.523	2.378	16.1	21.7

278205 2007 EJ_{34} 8 4.2 350°.53 9°.8/30.6 17

6 30	21 30.36	−38 14.8	1.408	2.284	16.6	19.3
7 10	21 24.73	−39 9.8	1.353	2.280	13.6	19.1
7 20	21 15.68	−39 53.1	1.317	2.277	11.0	19.0
7 30	21 4.26	−40 14.1	1.303	2.275	9.8	18.9
8 9	20 52.14	−40 5.7	1.312	2.273	10.8	19.0
8 19	20 41.08	−39 26.1	1.344	2.272	13.3	19.1
8 29	20 32.63	−38 18.8	1.397	2.271	16.3	19.3
9 8	20 27.68	−36 50.8	1.468	2.271	19.2	19.5

452031 2014 OL_{155} 8 4.2 259°.46 2°.7/ 1.8 18

6 30	21 20.89	−24 31.2	2.609	3.471	10.3	21.4
7 10	21 16.15	−25 11.3	2.522	3.458	7.7	21.3
7 20	21 9.73	−25 53.2	2.460	3.444	5.0	21.1
7 30	21 2.13	−26 32.5	2.425	3.430	2.9	20.9
8 9	20 54.03	−27 5.5	2.419	3.416	3.6	20.9
8 19	20 46.17	−27 29.0	2.440	3.402	6.3	21.1
8 29	20 39.32	−27 41.3	2.488	3.387	9.1	21.2
9 8	20 34.10	−27 42.2	2.559	3.372	11.6	21.4

60349 2000 AS_{83} 8 4.2 251°.47 0°.1/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.63	−14 40.7	1.949	2.807	13.4	19.7
7 10	21 17.07	−15 6.6	1.868	2.801	10.2	19.4
7 20	21 10.47	−15 42.0	1.809	2.794	6.4	19.2
7 30	21 2.42	−16 23.6	1.776	2.787	2.3	18.9
8 9	20 53.76	−17 6.8	1.770	2.781	2.0	18.9
8 19	20 45.45	−17 47.3	1.791	2.774	6.2	19.2
8 29	20 38.42	−18 21.4	1.838	2.767	10.1	19.4
9 8	20 33.41	−18 46.8	1.907	2.760	13.4	19.6

31181 1997 YY_{3} 8 4.2 330°.67 5°.0/30.9 18

6 30	21 15.53	−21 33.2	1.413	2.310	15.2	17.2
7 10	21 13.50	−23 31.4	1.329	2.284	11.5	16.9
7 20	21 8.82	−25 44.7	1.267	2.259	7.6	16.6
7 30	21 2.00	−28 2.8	1.230	2.234	5.0	16.4
8 9	20 54.04	−30 13.1	1.217	2.211	6.9	16.5
8 19	20 46.26	−32 3.9	1.229	2.189	11.1	16.6
8 29	20 40.10	−33 27.5	1.263	2.169	15.5	16.8
9 8	20 36.72	−34 21.3	1.315	2.149	19.3	17.0

424042 2007 AV_{28} 8 4.2 212°.12 0°.5/ 3.9 17

6 30	21 24.91	−16 37.3	1.915	2.772	13.6	22.4
7 10	21 19.58	−17 3.8	1.834	2.767	10.3	22.2
7 20	21 12.07	−17 38.3	1.775	2.761	6.4	21.9
7 30	21 2.98	−18 17.0	1.743	2.754	2.2	21.7
8 9	20 53.25	−18 55.0	1.737	2.747	2.3	21.7
8 19	20 43.89	−19 28.1	1.760	2.740	6.6	21.9
8 29	20 35.93	−19 53.1	1.808	2.732	10.5	22.1
9 8	20 30.14	−20 8.4	1.879	2.723	13.9	22.3

481456 2006 WV_{205} 8 4.2 250°.29 1°.5/ 3.1 18

6 30	21 20.90	−19 18.1	2.187	3.050	11.9	22.1
7 10	21 16.34	−19 56.7	2.108	3.045	8.9	21.9
7 20	21 9.93	−20 40.9	2.053	3.040	5.5	21.7
7 30	21 2.21	−21 26.6	2.024	3.034	2.2	21.5
8 9	20 53.97	−22 9.3	2.022	3.029	2.7	21.5
8 19	20 46.05	−22 45.0	2.048	3.024	6.2	21.7
8 29	20 39.31	−23 11.0	2.101	3.018	9.6	21.9
9 8	20 34.42	−23 26.1	2.176	3.012	12.6	22.1

362897 2012 BS_{144} 8 4.2 288°.28 0°.2/ 4.1 18

6 30	21 19.47	−15 44.1	2.239	3.096	11.9	20.9
7 10	21 15.21	−16 12.0	2.155	3.088	9.0	20.7
7 20	21 9.21	−16 47.6	2.095	3.080	5.6	20.5
7 30	21 1.96	−17 27.8	2.061	3.072	1.9	20.2
8 9	20 54.20	−18 8.5	2.054	3.065	1.9	20.2
8 19	20 46.73	−18 46.2	2.075	3.057	5.6	20.5
8 29	20 40.34	−19 17.6	2.123	3.049	9.1	20.7
9 8	20 35.68	−19 40.7	2.194	3.042	12.1	20.9

255238 2005 UZ_{444} 8 4.2 279°.37 0°.7/ 3.7 18

6 30	21 20.57	−17 28.2	2.190	3.050	12.0	21.1
7 10	21 16.11	−17 54.3	2.105	3.040	9.1	20.8
7 20	21 9.81	−18 26.9	2.043	3.030	5.6	20.6
7 30	21 2.19	−19 2.6	2.007	3.019	2.0	20.3
8 9	20 54.02	−19 37.4	1.999	3.009	2.2	20.3
8 19	20 46.14	−20 7.7	2.018	2.998	5.9	20.6
8 29	20 39.39	−20 30.7	2.064	2.987	9.4	20.8
9 8	20 34.47	−20 44.9	2.133	2.977	12.5	21.0

107382 2001 CT_{39} 8 4.2 279°.80 5°.0/ 1.7 18

6 30	21 27.02	−26 19.4	1.438	2.320	15.9	19.1
7 10	21 22.02	−27 5.7	1.366	2.311	12.2	18.8
7 20	21 13.99	−27 53.4	1.315	2.301	8.1	18.6
7 30	21 3.75	−28 34.6	1.288	2.291	5.2	18.4
8 9	20 52.59	−29 1.5	1.285	2.282	6.3	18.4
8 19	20 42.04	−29 9.3	1.307	2.272	10.2	18.6
8 29	20 33.56	−28 56.8	1.351	2.262	14.3	18.8
9 8	20 28.12	−28 26.5	1.415	2.253	18.1	19.1

36930 2000 SM_{217} 8 4.2 278°.83 5°.2/30.9 18

6 30	21 22.41	−29 49.4	2.146	3.017	11.8	18.9
7 10	21 17.71	−30 54.9	2.073	3.009	9.2	18.7
7 20	21 10.91	−31 59.3	2.024	3.000	6.6	18.5
7 30	21 2.59	−32 56.3	2.000	2.991	5.2	18.4
8 9	20 53.66	−33 40.0	2.003	2.982	6.2	18.5
8 19	20 45.10	−34 6.6	2.033	2.974	8.7	18.6
8 29	20 37.88	−34 14.7	2.087	2.965	11.5	18.8
9 8	20 32.76	−34 5.5	2.161	2.956	14.1	18.9

466581 2014 UK_{83} 8 4.2 59°.09 5°.5/ 7.3 17

6 30	21 23.18	− 4 12.3	1.326	2.172	19.1	21.3
7 10	21 18.83	− 3 52.7	1.263	2.177	15.4	21.0
7 20	21 11.83	− 3 54.7	1.217	2.183	11.1	20.8
7 30	21 2.95	− 4 18.1	1.193	2.188	7.1	20.6
8 9	20 53.37	− 4 59.8	1.193	2.194	5.6	20.5
8 19	20 44.40	− 5 54.1	1.216	2.200	8.4	20.7
8 29	20 37.29	− 6 53.8	1.263	2.206	12.5	21.0
9 8	20 32.90	− 7 51.9	1.330	2.212	16.4	21.2

450087 2015 RD_{90} 8 4.2 359°.73 5°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.84	−29 53.2	1.555	2.441	14.7	19.5
7 10	21 18.50	−30 21.2	1.494	2.438	11.4	19.3
7 20	21 11.55	−30 45.4	1.454	2.436	7.9	19.1
7 30	21 2.82	−30 59.1	1.437	2.436	5.7	19.0
8 9	20 53.52	−30 57.0	1.445	2.436	6.6	19.0
8 19	20 44.96	−30 36.8	1.477	2.437	9.7	19.2
8 29	20 38.29	−29 59.0	1.532	2.440	13.1	19.4
9 8	20 34.30	−29 6.5	1.607	2.444	16.3	19.6

250293 2003 QA_2 8 4.2 357°.02 1°.1/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.19	−13 16.5	0.977	1.878	20.0	19.9
7 10	21 15.15	−13 25.5	0.919	1.873	15.4	19.6
7 20	21 9.93	−13 52.2	0.877	1.869	9.9	19.3
7 30	21 2.37	−14 32.8	0.855	1.867	3.9	19.0
8 9	20 53.90	−15 20.2	0.854	1.866	2.9	18.9
8 19	20 46.14	−16 6.5	0.874	1.867	9.0	19.3
8 29	20 40.65	−16 44.7	0.915	1.869	14.6	19.6
9 8	20 38.44	−17 10.4	0.973	1.872	19.3	19.9

396773 2003 YB_{17} 8 4.2 238°.28 2°.7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.20	−22 55.6	2.443	3.303	11.0	22.1
7 10	21 18.04	−23 49.1	2.353	3.287	8.3	21.9
7 20	21 11.02	−24 46.4	2.287	3.271	5.3	21.7
7 30	21 2.64	−25 42.7	2.248	3.254	2.9	21.5
8 9	20 53.63	−26 32.9	2.238	3.236	3.7	21.5
8 19	20 44.82	−27 13.2	2.256	3.218	6.7	21.7
8 29	20 37.08	−27 41.0	2.301	3.199	9.7	21.9
9 8	20 31.11	−27 55.6	2.369	3.180	12.5	22.0

117668 2005 EN_{207} 8 4.2 122°.85 6°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.86	−34 52.2	2.112	2.971	12.5	20.0
7 10	21 22.41	−35 46.3	2.060	2.982	9.9	19.9
7 20	21 13.71	−36 33.6	2.031	2.993	7.6	19.8
7 30	21 3.52	−37 7.4	2.027	3.004	6.5	19.7
8 9	20 52.93	−37 22.9	2.051	3.014	7.3	19.8
8 19	20 43.03	−37 18.2	2.100	3.024	9.4	19.9
8 29	20 34.84	−36 54.2	2.173	3.034	11.8	20.1
9 8	20 29.04	−36 14.1	2.268	3.043	14.1	20.3

454215 2013 HN_{90} 8 4.2 159°.77 4°.8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.61	− 0 5.4	2.468	3.262	12.9	21.2
7 10	21 14.33	+ 0 1.5	2.386	3.263	10.6	21.0
7 20	21 8.55	− 0 6.5	2.326	3.265	8.1	20.9
7 30	21 1.73	− 0 29.7	2.289	3.266	5.8	20.7
8 9	20 54.51	− 1 6.1	2.280	3.268	4.8	20.7
8 19	20 47.56	− 1 53.0	2.298	3.269	6.0	20.7
8 29	20 41.55	− 2 46.4	2.343	3.270	8.3	20.9
9 8	20 37.03	− 3 41.9	2.412	3.271	10.8	21.1

443782 2015 MN_{73} 8 4.2 37°.30 0°.7/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.15	−12 48.9	1.852	2.710	14.0	21.1
7 10	21 15.96	−13 16.5	1.782	2.714	10.6	20.9
7 20	21 9.77	−13 55.3	1.734	2.718	6.8	20.7
7 30	21 2.19	−14 42.0	1.711	2.722	2.6	20.4
8 9	20 54.11	−15 31.8	1.715	2.726	2.0	20.4
8 19	20 46.46	−16 20.1	1.746	2.731	6.1	20.7
8 29	20 40.16	−17 2.5	1.802	2.736	9.9	20.9
9 8	20 35.88	−17 36.3	1.881	2.741	13.3	21.1

22626 Jengordinier 8 4.2 96°.84 4°.0/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.71	− 5 23.5	1.534	2.372	17.3	19.3
7 10	21 18.86	− 5 31.3	1.472	2.386	13.7	19.1
7 20	21 11.66	− 5 58.4	1.431	2.399	9.6	18.9
7 30	21 2.87	− 6 42.8	1.413	2.412	5.6	18.7
8 9	20 53.54	− 7 40.1	1.420	2.425	4.1	18.7
8 19	20 44.81	− 8 44.1	1.453	2.438	7.1	18.9
8 29	20 37.76	− 9 48.5	1.511	2.450	11.1	19.1
9 8	20 33.13	−10 47.5	1.591	2.462	14.7	19.4

33178 1998 FL_{15} 8 4.2 198°.00 1°.2/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.94	−10 3.5	2.144	2.982	13.1	18.6
7 10	21 17.13	−10 45.5	2.060	2.979	10.1	18.4
7 20	21 10.46	−11 40.7	1.999	2.976	6.6	18.2
7 30	21 2.45	−12 45.8	1.964	2.972	2.8	17.9
8 9	20 53.88	−13 56.2	1.957	2.968	2.0	17.9
8 19	20 45.57	−15 6.6	1.979	2.963	5.6	18.1
8 29	20 38.41	−16 12.3	2.028	2.958	9.3	18.3
9 8	20 33.08	−17 9.4	2.102	2.952	12.5	18.5

291556 2006 FT_1 8 4.2 109°.91 4°.2/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.17	−24 9.3	1.392	2.273	16.4	20.4
7 10	21 22.67	−25 3.2	1.336	2.281	12.4	20.2
7 20	21 14.25	−26 0.1	1.302	2.289	8.0	19.9
7 30	21 3.80	−26 51.8	1.291	2.297	4.5	19.8
8 9	20 52.71	−27 30.3	1.306	2.305	5.6	19.8
8 19	20 42.45	−27 51.0	1.345	2.313	9.6	20.1
8 29	20 34.35	−27 52.6	1.407	2.320	13.7	20.4
9 8	20 29.28	−27 36.9	1.489	2.328	17.3	20.6

109868 2001 RS_{147} 8 4.2 14°.18 5°.1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.40	−24 3.2	1.124	2.028	17.7	18.5
7 10	21 17.34	−25 10.8	1.075	2.032	13.4	18.3
7 20	21 11.15	−26 23.0	1.045	2.037	8.7	18.0
7 30	21 2.77	−27 30.0	1.037	2.043	5.3	17.9
8 9	20 53.65	−28 21.9	1.051	2.050	6.6	18.0
8 19	20 45.40	−28 52.3	1.087	2.058	10.9	18.2
8 29	20 39.45	−28 59.3	1.144	2.068	15.3	18.5
9 8	20 36.68	−28 44.7	1.219	2.078	19.0	18.8

116720 2004 DG_{11} 8 4.2 59°.75 0°.2/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.95	−16 2.2	1.370	2.245	17.0	20.0
7 10	21 20.01	−16 23.0	1.319	2.261	12.8	19.8
7 20	21 12.44	−16 53.9	1.288	2.277	7.9	19.6
7 30	21 3.13	−17 30.1	1.281	2.293	2.7	19.3
8 9	20 53.35	−18 5.6	1.298	2.309	2.6	19.4
8 19	20 44.38	−18 35.4	1.341	2.325	7.6	19.7
8 29	20 37.39	−18 56.0	1.407	2.342	12.1	20.0
9 8	20 33.13	−19 6.0	1.494	2.359	15.8	20.3

330572 2008 CZ_{49} 8 4.2 213°.00 0°.9/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.45	−16 42.2	1.880	2.737	13.8	21.8
7 10	21 20.10	−17 23.1	1.797	2.730	10.4	21.6
7 20	21 12.48	−18 13.1	1.737	2.723	6.5	21.4
7 30	21 3.21	−19 7.7	1.703	2.714	2.3	21.1
8 9	20 53.20	−20 1.2	1.696	2.706	2.6	21.1
8 19	20 43.54	−20 48.4	1.717	2.696	6.9	21.3
8 29	20 35.28	−21 25.5	1.764	2.686	10.9	21.6
9 8	20 29.26	−21 50.6	1.834	2.674	14.4	21.8

152833 1999 VT_{64} 8 4.2 179°.09 6°.9/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.72	−40 33.7	2.778	3.621	10.3	20.3
7 10	21 19.88	−41 42.0	2.721	3.622	8.6	20.2
7 20	21 12.11	−42 42.2	2.688	3.623	7.3	20.1
7 30	21 3.01	−43 28.6	2.681	3.623	6.9	20.1
8 9	20 53.43	−43 57.0	2.700	3.623	7.7	20.1
8 19	20 44.27	−44 5.5	2.745	3.623	9.1	20.2
8 29	20 36.42	−43 54.5	2.813	3.622	10.9	20.3
9 8	20 30.54	−43 26.3	2.901	3.621	12.5	20.5

152781 1999 RH_{190} 8 4.2 294°.54 5°.8/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.04	+ 0 58.3	2.174	2.971	14.3	19.8
7 10	21 14.26	+ 1 8.8	2.074	2.952	11.9	19.6
7 20	21 8.72	+ 1 1.5	1.995	2.933	9.3	19.4
7 30	21 1.87	+ 0 35.7	1.940	2.914	6.8	19.2
8 9	20 54.40	− 0 7.4	1.909	2.895	5.8	19.1
8 19	20 47.09	− 1 4.7	1.906	2.877	7.0	19.1
8 29	20 40.76	− 2 11.5	1.928	2.858	9.6	19.2
9 8	20 36.11	− 3 22.1	1.974	2.839	12.5	19.4

424537 2008 EF_{128} 8 4.2 157°.30 1°.4/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.89	−18 19.3	1.815	2.677	14.1	22.1
7 10	21 20.35	−19 0.6	1.747	2.683	10.5	21.9
7 20	21 12.56	−19 49.2	1.702	2.688	6.5	21.7
7 30	21 3.19	−20 39.8	1.682	2.693	2.4	21.4
8 9	20 53.26	−21 26.7	1.690	2.698	2.9	21.5
8 19	20 43.84	−22 5.3	1.725	2.702	7.0	21.8
8 29	20 35.98	−22 32.5	1.786	2.705	10.9	22.0
9 8	20 30.42	−22 47.4	1.869	2.708	14.2	22.2

487729 2015 RO_{98} 8 4.2 272°.10 3°.4/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.80	−27 45.5	2.617	3.472	10.5	22.5
7 10	21 19.93	−28 9.5	2.516	3.445	8.0	22.3
7 20	21 12.19	−28 32.4	2.440	3.418	5.4	22.0
7 30	21 3.08	−28 50.0	2.391	3.391	3.5	21.9
8 9	20 53.35	−28 58.3	2.371	3.363	4.2	21.9
8 19	20 43.84	−28 55.2	2.379	3.334	6.8	22.0
8 29	20 35.43	−28 39.6	2.414	3.306	9.6	22.1
9 8	20 28.80	−28 12.4	2.472	3.276	12.2	22.3

361924 2008 GW_{127} 8 4.2 159°.69 1°.1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.64	−17 36.0	2.393	3.251	11.2	21.3
7 10	21 15.24	−18 27.2	2.319	3.253	8.4	21.1
7 20	21 9.19	−19 24.9	2.269	3.255	5.2	20.9
7 30	21 2.00	−20 25.2	2.245	3.257	1.9	20.6
8 9	20 54.36	−21 23.4	2.250	3.258	2.3	20.7
8 19	20 47.02	−22 15.5	2.284	3.259	5.7	20.9
8 29	20 40.73	−22 58.3	2.344	3.261	8.8	21.1
9 8	20 36.08	−23 30.2	2.428	3.262	11.5	21.3

391623 2007 VV_{66} 8 4.2 274°.02 2°.6/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.00	−22 23.5	1.947	2.817	12.9	21.2
7 10	21 18.19	−22 59.7	1.869	2.809	9.7	20.9
7 20	21 11.24	−23 39.5	1.815	2.802	6.1	20.7
7 30	21 2.76	−24 18.0	1.786	2.794	3.0	20.5
8 9	20 53.66	−24 50.0	1.784	2.787	3.8	20.5
8 19	20 44.96	−25 11.7	1.808	2.779	7.3	20.7
8 29	20 37.67	−25 20.9	1.858	2.772	10.9	20.9
9 8	20 32.51	−25 17.6	1.930	2.765	14.0	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
361045 2005 XQ_{78}			8 4.2 270°.61	5°.6/30.7 18		
	h m	° ′			°	m
6 30	21 23.53	−32 27.7	2.264	3.130	11.5	20.6
7 10	21 18.46	−33 25.3	2.194	3.124	9.0	20.4
7 20	21 11.34	−34 19.3	2.148	3.117	6.8	20.2
7 30	21 2.78	−35 3.9	2.127	3.110	5.6	20.2
8 9	20 53.66	−35 33.7	2.133	3.104	6.5	20.2
8 19	20 44.95	−35 45.9	2.165	3.097	8.7	20.3
8 29	20 37.60	−35 39.9	2.221	3.090	11.3	20.5
9 8	20 32.32	−35 17.3	2.299	3.083	13.6	20.6
337214 2000 BV			8 4.2 294°.15	8°.5/31.0 16		
6 30	21 41.01	−39 20.8	1.925	2.765	14.3	21.0
7 10	21 32.67	−39 55.2	1.817	2.723	11.9	20.8
7 20	21 20.85	−40 19.1	1.732	2.681	9.7	20.6
7 30	21 6.28	−40 22.7	1.671	2.637	8.5	20.4
8 9	20 50.39	−39 57.8	1.638	2.593	9.4	20.4
8 19	20 34.93	−39 1.3	1.630	2.549	12.0	20.4
8 29	20 21.64	−37 35.5	1.648	2.503	15.2	20.5
9 8	20 11.72	−35 47.5	1.687	2.457	18.3	20.6
463392 2013 FF_{25}			8 4.2 16°.45	4°.2/ 2.7 17		
6 30	21 24.52	−24 4.4	0.948	1.856	19.9	19.8
7 10	21 20.81	−24 24.3	0.901	1.860	15.0	19.6
7 20	21 13.46	−24 46.6	0.872	1.865	9.6	19.3
7 30	21 3.59	−25 3.3	0.862	1.872	4.8	19.0
8 9	20 53.01	−25 6.6	0.874	1.879	5.8	19.1
8 19	20 43.59	−24 52.8	0.907	1.888	10.8	19.4
8 29	20 36.95	−24 22.0	0.960	1.898	15.9	19.8
9 8	20 33.98	−23 37.1	1.030	1.909	20.2	20.1
432353 2009 VB_{89}			8 4.3 311°.52	8°.5/28.8 18		
6 30	21 21.28	−29 57.3	1.329	2.225	16.1	20.5
7 10	21 18.34	−31 56.8	1.252	2.200	12.7	20.3
7 20	21 12.15	−34 1.5	1.196	2.175	9.7	20.0
7 30	21 3.31	−35 58.2	1.164	2.151	8.5	19.9
8 9	20 53.06	−37 33.7	1.154	2.127	10.4	19.9
8 19	20 43.08	−38 38.0	1.167	2.104	14.0	20.0
8 29	20 35.15	−39 7.4	1.200	2.082	17.9	20.2
9 8	20 30.58	−39 4.0	1.249	2.060	21.5	20.4
321902 2010 TE_{14}			8 4.3 186°.93	4°.1/ 6.7 17		
6 30	21 24.15	− 6 3.0	1.612	2.449	16.7	21.1
7 10	21 19.27	− 5 56.4	1.537	2.449	13.3	20.9
7 20	21 12.02	− 6 7.1	1.482	2.449	9.4	20.6
7 30	21 3.07	− 6 34.2	1.450	2.449	5.5	20.4
8 9	20 53.42	− 7 14.4	1.443	2.448	4.2	20.3
8 19	20 44.22	− 8 3.0	1.463	2.446	7.2	20.5
8 29	20 36.58	− 8 54.3	1.507	2.445	11.2	20.7
9 8	20 31.33	− 9 43.1	1.574	2.443	14.9	21.0
306206 2011 QH_{16}			8 4.3 342°.44	2°.2/ 3.1 16		
6 30	21 17.57	−19 57.9	1.275	2.172	16.5	20.5
7 10	21 15.05	−20 24.9	1.202	2.156	12.5	20.2
7 20	21 9.74	−21 0.2	1.147	2.141	7.9	19.9
7 30	21 2.35	−21 38.1	1.115	2.127	3.1	19.6
8 9	20 54.05	−22 11.8	1.106	2.114	3.9	19.6
8 19	20 46.23	−22 35.4	1.120	2.103	8.9	19.9
8 29	20 40.29	−22 45.1	1.156	2.094	13.8	20.1
9 8	20 37.21	−22 39.9	1.210	2.086	18.0	20.3
26278 1998 SK_{8}			8 4.3 198°.14	4°.9/ 8.5 18		
6 30	21 20.34	+ 0 16.1	2.371	3.161	13.4	19.7
7 10	21 15.74	+ 0 13.8	2.283	3.159	11.0	19.5
7 20	21 9.52	− 0 5.0	2.216	3.156	8.4	19.3
7 30	21 2.14	− 0 40.2	2.174	3.152	6.0	19.1
8 9	20 54.28	− 1 29.7	2.159	3.148	4.9	19.1
8 19	20 46.67	− 2 30.1	2.172	3.144	6.2	19.2
8 29	20 40.03	− 3 36.8	2.211	3.139	8.7	19.3
9 8	20 34.99	− 4 44.8	2.276	3.133	11.4	19.5
362376 2010 ND_{66}			8 4.3 21°.75	0°.5/ 4.6 17		
6 30	21 18.50	−12 19.1	0.984	1.880	20.3	19.8
7 10	21 16.01	−13 2.4	0.935	1.887	15.4	19.6
7 20	21 10.39	−14 6.4	0.903	1.895	9.8	19.3
7 30	21 2.55	−15 24.5	0.892	1.904	3.6	19.0
8 9	20 53.96	−16 46.6	0.902	1.914	2.9	19.0
8 19	20 46.23	−18 2.5	0.935	1.925	8.9	19.4
8 29	20 40.79	−19 4.2	0.988	1.938	14.3	19.7
9 8	20 38.55	−19 47.6	1.060	1.951	18.8	20.0
263650 2008 GE_{89}			8 4.3 334°.43	5°.7/31.2 18		
6 30	21 22.57	−30 46.5	1.919	2.795	12.8	20.3
7 10	21 18.04	−31 42.5	1.851	2.788	10.0	20.1
7 20	21 11.22	−32 35.9	1.806	2.782	7.2	19.9
7 30	21 2.78	−33 20.0	1.785	2.776	5.7	19.8
8 9	20 53.73	−33 48.9	1.790	2.770	6.7	19.9
8 19	20 45.17	−33 59.3	1.821	2.764	9.3	20.0
8 29	20 38.15	−33 50.3	1.875	2.759	12.3	20.2
9 8	20 33.45	−33 23.9	1.949	2.755	15.0	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
384885 2012 SC_{66}			8 4.3 322°.27	0°.9/ 3.9 18 R		
	h m	° ′			°	m
6 30	21 26.75	−20 19.7	1.461	2.337	16.1	20.1
7 10	21 21.63	−20 1.6	1.382	2.325	12.2	19.9
7 20	21 13.69	−19 46.3	1.324	2.312	7.7	19.6
7 30	21 3.70	−19 30.5	1.289	2.301	2.7	19.3
8 9	20 52.89	−19 10.7	1.280	2.290	2.9	19.2
8 19	20 42.64	−18 45.0	1.295	2.279	7.9	19.5
8 29	20 34.30	−18 12.6	1.335	2.269	12.7	19.8
9 8	20 28.80	−17 34.1	1.396	2.260	16.8	20.0
337231 2000 GK_{57}			8 4.3 184°.66	2°.3/ 6.3 18		
6 30	21 21.47	− 7 26.6	2.700	3.517	11.3	22.0
7 10	21 16.37	− 7 36.7	2.614	3.517	8.8	21.8
7 20	21 9.81	− 7 57.1	2.551	3.516	6.1	21.6
7 30	21 2.23	− 8 26.5	2.515	3.515	3.4	21.5
8 9	20 54.24	− 9 2.5	2.508	3.514	2.5	21.4
8 19	20 46.50	− 9 42.3	2.530	3.511	4.8	21.6
8 29	20 39.67	−10 22.7	2.580	3.508	7.6	21.7
9 8	20 34.27	−11 0.8	2.656	3.505	10.2	21.9
250862 2005 UR_{318}			8 4.3 24°.89	4°.5/ 1.4 18		
6 30	21 22.21	−26 55.8	1.710	2.591	13.8	19.7
7 10	21 17.75	−27 42.2	1.655	2.599	10.5	19.5
7 20	21 10.98	−28 28.1	1.623	2.608	7.0	19.4
7 30	21 2.67	−29 7.1	1.615	2.617	4.6	19.2
8 9	20 53.88	−29 33.4	1.633	2.627	5.6	19.3
8 19	20 45.75	−29 43.9	1.676	2.637	8.7	19.5
8 29	20 39.30	−29 37.7	1.743	2.648	12.0	19.7
9 8	20 35.24	−29 16.4	1.830	2.659	14.9	20.0
521074 2015 DR_{239}			8 4.3 89°.94	5°.6/30.9 18		
6 30	21 23.90	−27 38.4	1.740	2.618	13.8	21.2
7 10	21 19.16	−29 11.8	1.684	2.625	10.5	21.0
7 20	21 11.97	−30 45.8	1.652	2.633	7.4	20.8
7 30	21 3.06	−32 11.6	1.646	2.640	5.6	20.7
8 9	20 53.52	−33 21.2	1.666	2.648	6.9	20.8
8 19	20 44.53	−34 9.4	1.711	2.655	9.8	21.0
8 29	20 37.23	−34 34.6	1.779	2.662	12.9	21.2
9 8	20 32.43	−34 38.6	1.868	2.670	15.7	21.4
154552 2003 GX_{47}			8 4.3 77°.16	2°.1/ 2.9 18		
6 30	21 25.44	−19 38.1	1.608	2.480	15.1	20.2
7 10	21 20.08	−20 28.0	1.561	2.502	11.2	20.1
7 20	21 12.37	−21 23.9	1.535	2.524	6.9	19.9
7 30	21 3.14	−22 19.5	1.535	2.545	2.8	19.7
8 9	20 53.51	−23 8.2	1.561	2.567	3.6	19.8
8 19	20 44.63	−23 45.5	1.613	2.588	7.6	20.0
8 29	20 37.54	−24 8.9	1.689	2.609	11.4	20.3
9 8	20 32.92	−24 18.4	1.788	2.630	14.6	20.6
19237 1994 AP			8 4.3 182°.74	3°.5/ 1.9 18 R		
6 30	21 25.82	−22 11.2	1.626	2.500	14.8	18.0
7 10	21 20.70	−23 16.2	1.559	2.501	11.1	17.7
7 20	21 13.00	−24 27.1	1.514	2.501	7.1	17.5
7 30	21 3.45	−25 36.4	1.494	2.501	3.7	17.3
8 9	20 53.16	−26 36.5	1.500	2.500	4.8	17.4
8 19	20 43.40	−27 21.3	1.532	2.499	8.7	17.6
8 29	20 35.38	−27 48.1	1.588	2.498	12.6	17.8
9 8	20 29.97	−27 57.1	1.666	2.496	16.1	18.1
262602 2006 VH_{121}			8 4.3 245°.45	4°.7/ 1.6 18		
6 30	21 27.23	−26 28.4	1.619	2.495	14.8	20.9
7 10	21 21.89	−27 16.8	1.547	2.488	11.3	20.6
7 20	21 13.81	−28 6.2	1.497	2.481	7.6	20.4
7 30	21 3.75	−28 49.3	1.471	2.474	4.9	20.2
8 9	20 52.90	−29 19.1	1.472	2.466	5.9	20.3
8 19	20 42.60	−29 31.2	1.497	2.459	9.4	20.5
8 29	20 34.16	−29 24.5	1.546	2.451	13.2	20.7
9 8	20 28.49	−29 0.7	1.616	2.443	16.7	20.9
48847 1998 EW_{6}			8 4.3 143°.11	17°.0/28.9 18		
6 30	21 52.33	−51 36.5	1.224	2.057	21.1	18.3
7 10	21 42.82	−53 11.1	1.189	2.064	19.0	18.2
7 20	21 27.61	−54 17.7	1.171	2.070	17.5	18.1
7 30	21 8.56	−54 39.1	1.171	2.076	17.0	18.1
8 9	20 48.88	−54 6.1	1.191	2.082	17.7	18.2
8 19	20 31.88	−52 40.8	1.230	2.086	19.4	18.3
8 29	20 19.80	−50 34.8	1.286	2.091	21.5	18.5
9 8	20 13.35	−48 3.1	1.358	2.095	23.5	18.7
210880 2001 SH_{51}			8 4.3 320°.34	1°.1/ 5.1 18		
6 30	21 19.83	−11 53.4	1.940	2.793	13.6	20.1
7 10	21 15.73	−12 18.5	1.861	2.790	10.4	19.8
7 20	21 9.68	−12 55.4	1.805	2.786	6.7	19.6
7 30	21 2.26	−13 41.1	1.773	2.783	2.8	19.4
8 9	20 54.27	−14 31.3	1.769	2.780	2.0	19.3
8 19	20 46.62	−15 21.3	1.792	2.777	5.9	19.6
8 29	20 40.22	−16 6.9	1.840	2.774	9.7	19.8
9 8	20 35.76	−16 44.8	1.911	2.771	13.1	20.0

59931 1999 RZ_{179} 8 4.3 203°.19 0°.6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 19.55	−15 53.0	2.370	3.224	11.4	18.8
7 10	21 15.22	−16 40.5	2.291	3.223	8.6	18.6
7 20	21 9.23	−17 36.0	2.236	3.221	5.3	18.4
7 30	21 2.07	−18 35.7	2.208	3.220	1.8	18.2
8 9	20 54.45	−19 35.0	2.208	3.218	2.0	18.2
8 19	20 47.10	−20 29.7	2.237	3.216	5.5	18.4
8 29	20 40.78	−21 16.3	2.292	3.213	8.7	18.6
9 8	20 36.10	−21 52.9	2.372	3.211	11.6	18.8

450083 2015 RU_{81} 8 4.3 326°.33 3°.5/ 7.2 18

6 30	21 17.76	− 4 36.8	2.118	2.944	13.6	20.8
7 10	21 14.02	− 4 48.1	2.034	2.939	10.9	20.6
7 20	21 8.55	− 5 14.8	1.971	2.933	7.8	20.4
7 30	21 1.85	− 5 55.9	1.933	2.928	4.8	20.2
8 9	20 54.64	− 6 48.5	1.921	2.924	3.6	20.1
8 19	20 47.70	− 7 48.3	1.936	2.919	5.8	20.2
8 29	20 41.83	− 8 50.5	1.978	2.915	9.0	20.4
9 8	20 37.66	− 9 50.4	2.043	2.910	12.1	20.6

408614 2014 HM_{164} 8 4.3 18°.00 0°.4/ 4.6 18

6 30	21 16.50	−11 2.5	1.637	2.503	15.1	19.8
7 10	21 13.48	−12 12.4	1.574	2.510	11.4	19.6
7 20	21 8.37	−13 38.8	1.532	2.518	7.2	19.4
7 30	21 1.80	−15 16.0	1.516	2.527	2.7	19.1
8 9	20 54.70	−16 56.3	1.525	2.537	2.1	19.1
8 19	20 48.05	−18 31.9	1.561	2.547	6.6	19.4
8 29	20 42.81	−19 56.0	1.623	2.558	10.7	19.7
9 8	20 39.69	−21 4.5	1.706	2.571	14.2	19.9

174786 2003 WB_{111} 8 4.3 37°.15 2°.7/ 5.4 17

6 30	21 25.11	−11 41.9	1.273	2.142	18.4	19.4
7 10	21 20.39	−11 19.6	1.214	2.149	14.2	19.2
7 20	21 12.87	−11 10.9	1.173	2.156	9.4	18.9
7 30	21 3.40	−11 14.2	1.155	2.163	4.5	18.7
8 9	20 53.30	−11 26.0	1.161	2.170	3.3	18.6
8 19	20 43.94	−11 42.1	1.191	2.179	7.8	18.9
8 29	20 36.64	−11 58.2	1.244	2.187	12.6	19.2
9 8	20 32.21	−12 10.9	1.317	2.196	16.7	19.5

388633 2007 TQ_{102} 8 4.3 309°.93 2°.8/ 2.3 18

6 30	21 21.83	−21 54.2	1.778	2.654	13.7	20.9
7 10	21 17.54	−22 41.2	1.703	2.646	10.3	20.6
7 20	21 10.97	−23 33.4	1.650	2.639	6.5	20.4
7 30	21 2.74	−24 25.0	1.622	2.631	3.2	20.2
8 9	20 53.84	−25 10.0	1.621	2.624	4.1	20.2
8 19	20 45.35	−25 43.4	1.645	2.617	7.8	20.4
8 29	20 38.35	−26 2.5	1.694	2.610	11.6	20.6
9 8	20 33.63	−26 7.0	1.764	2.603	15.0	20.8

54408 2000 LZ_{6} 8 4.3 256°.37 2°.7/ 6.3 18

6 30	21 20.26	− 7 36.4	2.132	2.965	13.3	20.3
7 10	21 15.93	− 7 46.5	2.043	2.956	10.5	20.1
7 20	21 9.78	− 8 9.8	1.976	2.946	7.2	19.9
7 30	21 2.31	− 8 44.8	1.934	2.936	3.9	19.6
8 9	20 54.27	− 9 28.7	1.919	2.926	2.9	19.5
8 19	20 46.47	−10 17.4	1.931	2.915	5.7	19.7
8 29	20 39.77	−11 6.7	1.970	2.905	9.2	19.9
9 8	20 34.83	−11 52.7	2.033	2.895	12.4	20.1

113364 2002 SJ_{2} 8 4.3 127°.93 0°.3/ 4.1 18

6 30	21 24.82	−15 14.1	1.681	2.542	15.0	19.7
7 10	21 19.67	−15 51.5	1.616	2.551	11.3	19.5
7 20	21 12.22	−16 39.3	1.574	2.560	7.0	19.2
7 30	21 3.17	−17 32.7	1.556	2.568	2.4	19.0
8 9	20 53.56	−18 25.8	1.565	2.576	2.4	19.0
8 19	20 44.50	−19 13.3	1.601	2.583	6.9	19.3
8 29	20 37.06	−19 51.1	1.662	2.591	11.0	19.6
9 8	20 31.98	−20 17.4	1.746	2.597	14.5	19.8

383518 2007 CO_{47} 8 4.3 307°.81 0°.5/ 4.7 18

6 30	21 18.81	− 7 36.5	1.353	2.217	17.8	20.2
7 10	21 16.26	− 9 18.4	1.245	2.179	14.0	19.9
7 20	21 10.85	−11 35.8	1.158	2.142	9.2	19.5
7 30	21 2.96	−14 25.2	1.094	2.105	3.5	19.0
8 9	20 53.50	−17 35.5	1.056	2.068	2.8	18.9
8 19	20 43.77	−20 50.5	1.046	2.031	9.1	19.1
8 29	20 35.43	−23 52.8	1.060	1.994	15.1	19.4
9 8	20 29.91	−26 29.9	1.095	1.958	20.4	19.6

145669 2244 T-$_{1}$ 8 4.3 79°.73 6°.1/31.7 18

6 30	21 28.91	−31 32.0	1.751	2.621	14.1	19.8
7 10	21 22.70	−32 25.0	1.707	2.640	10.9	19.7
7 20	21 14.02	−33 12.7	1.685	2.659	7.9	19.5
7 30	21 3.74	−33 47.7	1.688	2.678	6.1	19.5
8 9	20 53.11	−34 4.6	1.717	2.696	7.0	19.5
8 19	20 43.34	−34 1.4	1.772	2.715	9.6	19.7
8 29	20 35.52	−33 39.0	1.850	2.733	12.5	20.0
9 8	20 30.34	−33 0.7	1.949	2.751	15.1	20.2

20022 1991 VO_{7} 8 4.3 189°.12 0°.0/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.98	−15 1.5	2.059	2.912	13.0	20.3
7 10	21 18.00	−15 30.2	1.981	2.911	9.8	20.1
7 20	21 11.06	−16 7.5	1.926	2.910	6.2	19.9
7 30	21 2.76	−16 50.0	1.898	2.909	2.2	19.7
8 9	20 53.91	−17 33.4	1.897	2.907	1.9	19.6
8 19	20 45.43	−18 13.4	1.924	2.905	6.0	19.9
8 29	20 38.21	−18 46.7	1.977	2.903	9.6	20.1
9 8	20 32.93	−19 11.3	2.053	2.900	12.8	20.3

512473 2016 QB_{57} 8 4.3 172°.95 2°.1/ 5.5 18

6 30	21 25.82	−11 20.4	2.079	2.916	13.5	21.7
7 10	21 20.01	−11 5.4	2.001	2.918	10.4	21.5
7 20	21 12.26	−10 59.2	1.945	2.920	6.9	21.3
7 30	21 3.16	−11 0.6	1.915	2.921	3.4	21.1
8 9	20 53.57	−11 7.5	1.914	2.922	2.5	21.0
8 19	20 44.40	−11 17.2	1.940	2.923	5.8	21.2
8 29	20 36.53	−11 27.4	1.993	2.923	9.4	21.4
9 8	20 30.62	−11 35.6	2.070	2.923	12.5	21.7

316393 2010 TY_{49} 8 4.3 141°.98 6°.1/30.2 18

6 30	21 24.96	−35 24.3	2.419	3.278	11.1	20.9
7 10	21 19.41	−36 21.9	2.360	3.281	8.9	20.7
7 20	21 11.89	−37 13.4	2.325	3.284	7.0	20.6
7 30	21 3.03	−37 53.3	2.316	3.288	6.1	20.6
8 9	20 53.72	−38 17.0	2.333	3.291	6.9	20.6
8 19	20 44.90	−38 22.2	2.377	3.294	8.8	20.8
8 29	20 37.47	−38 9.1	2.445	3.296	11.0	20.9
9 8	20 32.07	−37 40.0	2.534	3.299	13.0	21.1

12400 Katumaru 8 4.3 346°.77 6°.2/ 7.2 18

6 30	21 17.98	− 5 7.7	1.114	1.984	20.4	17.1
7 10	21 15.50	− 4 30.4	1.046	1.975	16.5	16.9
7 20	21 10.12	− 4 15.4	0.994	1.966	12.1	16.6
7 30	21 2.56	− 4 24.1	0.962	1.960	7.9	16.3
8 9	20 54.07	− 4 54.5	0.951	1.954	6.3	16.2
8 19	20 46.08	− 5 41.4	0.962	1.950	9.3	16.4
8 29	20 40.06	− 6 37.0	0.994	1.947	13.8	16.6
9 8	20 37.02	− 7 32.9	1.044	1.945	18.3	16.9

86154 1999 RH_{201} 8 4.3 343°.02 4°.1/ 2.9 18

6 30	21 28.32	−28 31.4	1.520	2.398	15.4	18.2
7 10	21 22.80	−28 12.2	1.442	2.383	11.9	17.9
7 20	21 14.41	−27 47.1	1.385	2.370	7.9	17.6
7 30	21 4.00	−27 11.2	1.352	2.357	4.5	17.4
8 9	20 52.88	−26 21.1	1.344	2.346	5.1	17.4
8 19	20 42.49	−25 16.4	1.362	2.335	8.9	17.6
8 29	20 34.15	−23 59.5	1.404	2.326	13.1	17.8
9 8	20 28.73	−22 34.4	1.467	2.319	16.8	18.1

158462 2002 CB_{207} 8 4.3 12°.43 2°.3/ 3.1 18

6 30	21 22.56	−20 44.8	1.377	2.264	16.2	19.3
7 10	21 18.48	−21 12.5	1.317	2.266	12.2	19.1
7 20	21 11.70	−21 46.2	1.278	2.269	7.6	18.9
7 30	21 3.04	−22 19.9	1.261	2.272	3.1	18.6
8 9	20 53.74	−22 47.4	1.269	2.276	3.9	18.7
8 19	20 45.14	−23 4.0	1.301	2.281	8.4	18.9
8 29	20 38.47	−23 7.4	1.357	2.287	12.8	19.2
9 8	20 34.55	−22 57.6	1.432	2.293	16.6	19.5

165651 2001 HG_{42} 8 4.3 167°.34 2°.6/ 2.3 18

6 30	21 23.80	−22 19.4	2.113	2.978	12.3	20.4
7 10	21 18.61	−23 6.0	2.043	2.980	9.2	20.2
7 20	21 11.45	−23 55.9	1.997	2.983	5.8	20.0
7 30	21 2.91	−24 44.3	1.977	2.985	2.9	19.9
8 9	20 53.86	−25 25.9	1.985	2.986	3.7	19.9
8 19	20 45.23	−25 57.0	2.020	2.988	6.9	20.1
8 29	20 37.92	−26 15.5	2.081	2.989	10.2	20.3
9 8	20 32.62	−26 21.1	2.165	2.990	13.1	20.5

9830 1978 VE_{11} 8 4.3 159°.20 4°.4/ 6.6 18

6 30	21 25.70	− 6 26.8	1.485	2.326	17.7	18.3
7 10	21 20.61	− 6 9.7	1.414	2.329	14.0	18.1
7 20	21 12.97	− 6 10.0	1.363	2.331	9.9	17.9
7 30	21 3.50	− 6 27.1	1.335	2.334	5.9	17.6
8 9	20 53.32	− 6 58.0	1.332	2.336	4.5	17.6
8 19	20 43.68	− 7 38.2	1.354	2.337	7.7	17.8
8 29	20 35.77	− 8 22.0	1.400	2.339	11.8	18.0
9 8	20 30.46	− 9 4.1	1.468	2.340	15.7	18.2

180339 2003 YJ_{42} 8 4.3 125°.40 0°.5/ 4.6 17

6 30	21 25.65	−14 0.7	1.685	2.542	15.2	21.2
7 10	21 20.26	−14 22.8	1.621	2.552	11.5	21.0
7 20	21 12.57	−14 55.4	1.579	2.562	7.3	20.8
7 30	21 3.31	−15 34.9	1.561	2.572	2.7	20.5
8 9	20 53.53	−16 16.0	1.570	2.581	2.1	20.5
8 19	20 44.32	−16 54.2	1.606	2.590	6.7	20.8
8 29	20 36.74	−17 25.6	1.667	2.598	10.8	21.1
9 8	20 31.52	−17 48.0	1.751	2.606	14.3	21.3

178333 1995 SY_{41} 8 4.3 171°.28 0°.6/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.91	−13 2.7	1.849	2.699	14.3	21.3
7 10	21 19.62	−13 31.7	1.775	2.703	10.9	21.1
7 20	21 12.17	−14 11.9	1.723	2.705	6.9	20.9
7 30	21 3.19	−14 59.7	1.697	2.708	2.6	20.6
8 9	20 53.62	−15 50.2	1.698	2.709	2.0	20.6
8 19	20 44.48	−16 38.5	1.727	2.710	6.3	20.8
8 29	20 36.77	−17 20.4	1.781	2.711	10.3	21.1
9 8	20 31.24	−17 53.3	1.859	2.710	13.8	21.3

95000 2001 YO_{139} 8 4.3 212°.79 5°.7/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.27	− 2 25.0	1.501	2.330	18.1	19.4
7 10	21 18.84	− 2 14.0	1.425	2.328	14.7	19.1
7 20	21 11.91	− 2 24.6	1.367	2.326	10.9	18.9
7 30	21 3.16	− 2 57.1	1.332	2.323	7.2	18.7
8 9	20 53.63	− 3 48.8	1.322	2.320	5.8	18.6
8 19	20 44.51	− 4 54.1	1.336	2.317	8.1	18.7
8 29	20 37.01	− 6 5.9	1.374	2.314	11.9	18.9
9 8	20 32.00	− 7 16.9	1.434	2.310	15.7	19.2

428669 2008 GA_{123} 8 4.3 174°.54 0°.1/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.12	−15 12.0	1.851	2.706	14.1	22.6
7 10	21 19.80	−15 43.8	1.777	2.708	10.7	22.4
7 20	21 12.29	−16 25.1	1.726	2.710	6.7	22.2
7 30	21 3.24	−17 11.9	1.700	2.712	2.3	21.9
8 9	20 53.59	−17 59.0	1.702	2.713	2.2	21.9
8 19	20 44.38	−18 41.7	1.731	2.713	6.5	22.2
8 29	20 36.63	−19 16.3	1.786	2.713	10.5	22.4
9 8	20 31.07	−19 40.9	1.864	2.712	13.9	22.6

181524 2006 UQ_{106} 8 4.3 46°.85 3°.1/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.65	−20 45.5	1.337	2.224	16.6	19.8
7 10	21 19.37	−21 45.1	1.283	2.232	12.4	19.5
7 20	21 12.29	−22 52.2	1.249	2.240	7.8	19.3
7 30	21 3.27	−23 58.6	1.238	2.248	3.6	19.1
8 9	20 53.59	−24 56.1	1.252	2.257	4.7	19.2
8 19	20 44.65	−25 38.4	1.291	2.266	9.1	19.4
8 29	20 37.74	−26 2.4	1.352	2.275	13.4	19.7
9 8	20 33.68	−26 8.2	1.433	2.285	17.1	20.0

33553 Nagai 8 4.3 54°.64 0°.5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.62	−14 50.4	1.565	2.435	15.5	18.2
7 10	21 17.45	−15 40.4	1.503	2.442	11.6	17.9
7 20	21 10.93	−16 42.5	1.462	2.449	7.2	17.7
7 30	21 2.77	−17 51.4	1.445	2.457	2.5	17.4
8 9	20 54.03	−19 0.0	1.454	2.465	2.5	17.4
8 19	20 45.82	−20 1.9	1.490	2.473	7.2	17.8
8 29	20 39.25	−20 52.2	1.550	2.481	11.4	18.0
9 8	20 35.07	−21 28.5	1.631	2.489	15.1	18.3

105666 2000 SS_{37} 8 4.3 352°.44 2°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.53	− 7 20.5	2.000	2.839	13.9	19.5
7 10	21 14.70	− 7 47.6	1.921	2.838	10.8	19.3
7 20	21 9.04	− 8 29.8	1.864	2.837	7.4	19.1
7 30	21 2.09	− 9 24.8	1.832	2.836	3.9	18.8
8 9	20 54.62	−10 28.5	1.827	2.835	2.7	18.8
8 19	20 47.47	−11 35.8	1.849	2.835	5.7	19.0
8 29	20 41.48	−12 41.6	1.897	2.834	9.3	19.2
9 8	20 37.30	−13 41.3	1.969	2.834	12.5	19.4

250580 2005 AY_{19} 8 4.3 192°.96 1°.9/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.79	−11 32.8	1.711	2.558	15.4	20.8
7 10	21 21.22	−11 32.3	1.633	2.557	11.9	20.5
7 20	21 13.26	−11 43.5	1.577	2.555	7.9	20.3
7 30	21 3.61	−12 4.2	1.545	2.553	3.6	20.0
8 9	20 53.27	−12 30.7	1.540	2.550	2.6	19.9
8 19	20 43.39	−12 59.2	1.562	2.547	6.7	20.2
8 29	20 35.07	−13 25.6	1.609	2.543	10.9	20.4
9 8	20 29.12	−13 47.1	1.679	2.538	14.7	20.7

162820 2001 BK_{36} 8 4.3 96°.03 2°.8/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.34	−24 20.2	1.870	2.735	13.6	19.5
7 10	21 22.06	−24 36.4	1.812	2.748	10.2	19.3
7 20	21 13.56	−24 52.8	1.776	2.761	6.5	19.1
7 30	21 3.63	−25 4.6	1.767	2.774	3.2	19.0
8 9	20 53.33	−25 8.0	1.785	2.787	3.9	19.0
8 19	20 43.73	−25 0.6	1.830	2.800	7.3	19.3
8 29	20 35.83	−24 42.2	1.900	2.812	10.8	19.5
9 8	20 30.27	−24 14.1	1.993	2.825	13.8	19.7

94638 2001 WQ_{27} 8 4.3 311°.92 1°.1/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.24	−15 53.3	1.185	2.074	18.1	19.5
7 10	21 18.09	−16 37.9	1.111	2.061	13.8	19.2
7 20	21 11.87	−17 38.4	1.056	2.048	8.7	18.9
7 30	21 3.25	−18 48.7	1.023	2.035	3.0	18.5
8 9	20 53.53	−20 0.0	1.013	2.023	3.4	18.5
8 19	20 44.25	−21 3.2	1.026	2.012	9.2	18.8
8 29	20 36.99	−21 51.7	1.061	2.001	14.6	19.1
9 8	20 32.89	−22 22.2	1.115	1.990	19.3	19.3

454177 2013 GJ_{35} 8 4.3 166°.98 9°.8/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 35.91	+12 21.6	2.472	3.150	15.6	21.1
7 10	21 27.40	+13 48.6	2.388	3.160	13.8	21.0
7 20	21 16.86	+14 57.1	2.326	3.168	12.0	20.9
7 30	21 4.84	+15 42.8	2.288	3.174	10.5	20.8
8 9	20 52.18	+16 3.4	2.277	3.179	9.9	20.7
8 19	20 39.83	+15 59.3	2.294	3.183	10.3	20.8
8 29	20 28.70	+15 33.7	2.338	3.186	11.5	20.9
9 8	20 19.54	+14 52.2	2.405	3.186	13.2	21.0

327203 2005 NX_{40} 8 4.3 26°.21 0°.3/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.91	−14 13.0	1.148	2.036	18.6	20.4
7 10	21 17.49	−14 37.0	1.097	2.045	14.1	20.2
7 20	21 11.19	−15 15.8	1.064	2.054	8.9	19.9
7 30	21 2.90	−16 4.1	1.053	2.065	3.2	19.6
8 9	20 53.97	−16 54.6	1.065	2.076	2.6	19.6
8 19	20 45.85	−17 40.3	1.100	2.089	8.2	20.0
8 29	20 39.85	−18 16.0	1.157	2.102	13.1	20.3
9 8	20 36.80	−18 38.8	1.234	2.116	17.3	20.6

306768 2001 AX_{51} 8 4.3 254°.28 6°.6/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.32	+ 0 35.9	1.941	2.740	15.7	20.0
7 10	21 17.68	+ 1 12.5	1.851	2.729	13.1	19.8
7 20	21 11.00	+ 1 31.7	1.782	2.719	10.3	19.6
7 30	21 2.83	+ 1 31.7	1.735	2.708	7.7	19.4
8 9	20 53.96	+ 1 13.1	1.714	2.697	6.7	19.3
8 19	20 45.34	+ 0 38.2	1.718	2.685	8.0	19.4
8 29	20 37.91	− 0 8.5	1.748	2.674	10.7	19.5
9 8	20 32.46	− 1 1.5	1.801	2.662	13.7	19.7

448626 2010 UZ_{94} 8 4.3 274°.42 2°.5/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.51	−22 32.5	2.421	3.283	11.0	21.7
7 10	21 16.88	−23 17.4	2.325	3.261	8.3	21.5
7 20	21 10.42	−24 6.1	2.253	3.239	5.3	21.3
7 30	21 2.61	−24 54.4	2.208	3.216	2.7	21.0
8 9	20 54.15	−25 37.6	2.192	3.192	3.5	21.1
8 19	20 45.87	−26 11.9	2.203	3.169	6.5	21.2
8 29	20 38.62	−26 34.8	2.240	3.145	9.7	21.4
9 8	20 33.09	−26 45.3	2.301	3.121	12.5	21.5

263209 2008 AH_{25} 8 4.3 61°.01 1°.9/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.23	−18 36.5	1.320	2.202	17.1	20.3
7 10	21 20.38	−19 23.0	1.274	2.220	12.7	20.1
7 20	21 12.80	−20 18.0	1.248	2.239	7.8	19.9
7 30	21 3.42	−21 14.4	1.246	2.257	3.0	19.6
8 9	20 53.55	−22 4.5	1.268	2.276	3.6	19.7
8 19	20 44.55	−22 42.9	1.315	2.295	8.3	20.1
8 29	20 37.63	−23 6.3	1.385	2.314	12.7	20.4
9 8	20 33.55	−23 14.7	1.476	2.333	16.4	20.7

477532 2010 ET_{96} 8 4.3 352°.82 8°.2/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 30.23	−36 34.9	1.606	2.476	15.2	20.0
7 10	21 24.27	−37 18.4	1.547	2.474	12.3	19.8
7 20	21 15.31	−37 52.3	1.509	2.472	9.6	19.7
7 30	21 4.32	−38 8.0	1.494	2.471	8.3	19.6
8 9	20 52.73	−37 59.4	1.503	2.470	9.1	19.7
8 19	20 42.04	−37 24.9	1.537	2.469	11.6	19.8
8 29	20 33.60	−36 26.9	1.593	2.469	14.5	20.0
9 8	20 28.24	−35 10.9	1.668	2.469	17.3	20.2

440098 2002 XC_{50} 8 4.3 333°.20 5°.0/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.72	− 9 54.8	1.278	2.151	18.1	19.6
7 10	21 16.82	− 8 49.2	1.185	2.119	14.6	19.3
7 20	21 11.06	− 7 53.2	1.111	2.089	10.4	19.0
7 30	21 3.01	− 7 8.7	1.057	2.060	6.3	18.7
8 9	20 53.75	− 6 36.6	1.027	2.032	5.3	18.5
8 19	20 44.67	− 6 16.4	1.019	2.005	9.1	18.7
8 29	20 37.29	− 6 5.7	1.033	1.981	14.0	18.9
9 8	20 32.78	− 6 0.8	1.065	1.958	18.6	19.1

193420 2000 WX_{87} 8 4.3 255°.44 2°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.23	−11 57.4	2.003	2.843	13.8	19.8
7 10	21 20.60	−11 35.0	1.909	2.828	10.7	19.5
7 20	21 12.82	−11 20.6	1.837	2.813	7.2	19.3
7 30	21 3.48	−11 13.4	1.791	2.797	3.5	19.0
8 9	20 53.43	−11 11.4	1.772	2.781	2.6	18.9
8 19	20 43.65	−11 12.6	1.781	2.764	6.2	19.1
8 29	20 35.16	−11 14.6	1.817	2.747	10.1	19.3
9 8	20 28.72	−11 15.3	1.876	2.730	13.6	19.5

358854 2008 FZ_{77} 8 4.3 341°.66 5°.4/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.44	−31 26.7	1.996	2.865	12.7	20.3
7 10	21 20.08	−32 3.8	1.929	2.862	9.9	20.2
7 20	21 12.47	−32 36.8	1.885	2.860	7.1	20.0
7 30	21 3.32	−32 59.6	1.866	2.857	5.5	19.9
8 9	20 53.65	−33 7.5	1.873	2.855	6.3	19.9
8 19	20 44.55	−32 58.1	1.907	2.853	8.8	20.1
8 29	20 37.04	−32 31.6	1.964	2.851	11.7	20.3
9 8	20 31.83	−31 50.4	2.043	2.849	14.4	20.4

62850 2000 UC_{72} 8 4.3 67°.60 1°.3/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.62	−18 32.5	1.325	2.204	17.2	18.4
7 10	21 21.56	−18 54.4	1.268	2.212	12.9	18.2
7 20	21 13.65	−19 24.4	1.231	2.221	8.0	17.9
7 30	21 3.78	−19 56.8	1.218	2.230	2.9	17.7
8 9	20 53.29	−20 25.3	1.229	2.239	3.2	17.7
8 19	20 43.62	−20 45.2	1.265	2.248	8.2	18.0
8 29	20 36.04	−20 53.7	1.324	2.257	12.9	18.3
9 8	20 31.39	−20 50.4	1.404	2.266	16.8	18.6

323051 2002 RP_{180} 8 4.3 7°.63 2°.3/ 3.3 17

6 30	21 20.85	−20 34.7	1.015	1.921	19.1	20.2
7 10	21 17.91	−20 50.3	0.963	1.921	14.4	19.9
7 20	21 11.68	−21 13.1	0.929	1.923	9.0	19.7
7 30	21 3.15	−21 36.5	0.915	1.927	3.5	19.4
8 9	20 53.86	−21 53.5	0.923	1.932	4.2	19.4
8 19	20 45.48	−21 59.0	0.952	1.938	9.6	19.8
8 29	20 39.52	−21 50.7	1.002	1.946	14.8	20.1
9 8	20 36.88	−21 29.0	1.070	1.955	19.1	20.4

134984 2001 FU_{71} 8 4.3 209°.72 1°.3/ 3.4 18

6 30	21 25.92	−18 6.0	1.865	2.725	13.8	20.4
7 10	21 20.54	−18 47.3	1.785	2.720	10.4	20.2
7 20	21 12.87	−19 36.6	1.727	2.713	6.5	19.9
7 30	21 3.53	−20 28.9	1.695	2.706	2.4	19.7
8 9	20 53.47	−21 18.4	1.691	2.699	2.9	19.7
8 19	20 43.78	−22 0.2	1.714	2.691	7.1	19.9
8 29	20 35.53	−22 30.9	1.762	2.682	11.0	20.2
9 8	20 29.55	−22 49.1	1.833	2.672	14.5	20.4

81028 2000 EM_{45} 8 4.3 141°.92 2°.7/ 6.2 18

6 30	21 24.04	− 7 51.4	1.858	2.693	14.9	19.9
7 10	21 18.89	− 8 5.3	1.788	2.702	11.6	19.7
7 20	21 11.69	− 8 33.9	1.739	2.710	7.9	19.5
7 30	21 3.07	− 9 14.9	1.715	2.718	4.1	19.3
8 9	20 53.93	−10 4.3	1.717	2.725	2.9	19.3
8 19	20 45.24	−10 57.4	1.747	2.732	6.2	19.5
8 29	20 37.95	−11 49.3	1.804	2.738	9.9	19.7
9 8	20 32.74	−12 35.9	1.883	2.744	13.2	19.9

72393 2001 CH_{18} 8 4.3 262°.05 0°.0/ 4.1 18

6 30	21 25.06	−15 28.3	1.569	2.435	15.7	19.8
7 10	21 20.33	−15 48.7	1.484	2.421	12.0	19.5
7 20	21 12.98	−16 20.0	1.420	2.406	7.6	19.2
7 30	21 3.63	−16 58.4	1.380	2.392	2.7	18.9
8 9	20 53.37	−17 38.3	1.366	2.377	2.4	18.8
8 19	20 43.43	−18 14.5	1.377	2.361	7.5	19.1
8 29	20 35.13	−18 42.6	1.414	2.346	12.2	19.3
9 8	20 29.41	−19 0.3	1.471	2.330	16.3	19.6

342165 2008 SC_{161} 8 4.3 229°.71 6°.0/ 9.2 16

6 30	21 20.81	+ 2 21.7	2.115	2.901	15.0	21.8
7 10	21 16.41	+ 2 21.6	2.023	2.892	12.5	21.6
7 20	21 10.16	+ 2 1.5	1.950	2.883	9.8	21.4
7 30	21 2.56	+ 1 21.1	1.901	2.873	7.2	21.2
8 9	20 54.34	+ 0 22.0	1.878	2.863	6.0	21.1
8 19	20 46.34	− 0 51.7	1.882	2.852	7.1	21.2
8 29	20 39.41	− 2 14.4	1.913	2.841	9.8	21.3
9 8	20 34.26	− 3 39.5	1.967	2.830	12.7	21.5

391967 2008 WX_{125} 8 4.3 306°.14 0°.8/ 4.8 18

6 30	21 23.37	−14 23.0	1.893	2.748	13.8	21.2
7 10	21 18.44	−14 24.0	1.817	2.747	10.5	21.0
7 20	21 11.44	−14 33.3	1.763	2.746	6.7	20.7
7 30	21 2.99	−14 48.5	1.735	2.745	2.6	20.5
8 9	20 54.00	−15 6.3	1.733	2.744	2.0	20.4
8 19	20 45.44	−15 23.3	1.759	2.743	6.1	20.7
8 29	20 38.26	−15 36.8	1.810	2.743	10.0	20.9
9 8	20 33.17	−15 44.9	1.884	2.742	13.4	21.1

53177 1999 CR_{31} 8 4.3 8°.62 5°.7/ 1.9 18

6 30	21 28.99	−31 24.3	1.579	2.454	15.1	17.6
7 10	21 23.13	−31 37.0	1.519	2.456	11.7	17.4
7 20	21 14.51	−31 43.3	1.479	2.458	8.3	17.2
7 30	21 4.06	−31 36.9	1.464	2.460	5.9	17.0
8 9	20 53.12	−31 13.1	1.474	2.463	6.6	17.1
8 19	20 43.07	−30 31.0	1.509	2.467	9.6	17.3
8 29	20 35.12	−29 32.6	1.567	2.472	13.1	17.5
9 8	20 30.03	−28 21.8	1.647	2.477	16.2	17.7

469310 1999 RE_{212} 8 4.3 322°.85 14°.1/12.4 17

6 30	21 15.07	+12 2.8	1.420	2.194	21.5	20.4
7 10	21 13.17	+13 13.9	1.318	2.157	19.6	20.2
7 20	21 8.76	+13 56.3	1.231	2.121	17.4	19.9
7 30	21 2.25	+14 1.8	1.160	2.085	15.4	19.7
8 9	20 54.51	+13 25.0	1.108	2.050	14.2	19.5
8 19	20 46.70	+12 5.1	1.075	2.017	14.5	19.4
8 29	20 40.21	+10 7.3	1.063	1.984	16.4	19.4
9 8	20 36.27	+ 7 43.3	1.069	1.952	19.3	19.5

296476 2009 HB_{98} 8 4.3 30°.13 6°.6/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.43	−31 20.3	1.805	2.684	13.3	20.0
7 10	21 18.09	−32 46.2	1.753	2.690	10.4	19.8
7 20	21 11.37	−34 9.1	1.723	2.696	7.8	19.7
7 30	21 3.00	−35 20.6	1.718	2.703	6.6	19.6
8 9	20 54.04	−36 13.7	1.739	2.710	7.7	19.7
8 19	20 45.65	−36 44.6	1.784	2.718	10.2	19.9
8 29	20 38.92	−36 52.4	1.853	2.726	13.0	20.1
9 8	20 34.62	−36 39.5	1.941	2.734	15.5	20.3

442904 2013 CB_{11} 8 4.3 272°.17 1°.7/ 3.0 18

6 30	21 21.43	−19 35.7	2.056	2.922	12.5	21.8
7 10	21 16.98	−20 16.8	1.977	2.915	9.4	21.6
7 20	21 10.54	−21 3.8	1.921	2.908	5.8	21.4
7 30	21 2.70	−21 52.4	1.891	2.902	2.4	21.2
8 9	20 54.28	−22 37.4	1.889	2.895	3.0	21.2
8 19	20 46.18	−23 14.6	1.913	2.888	6.6	21.4
8 29	20 39.34	−23 41.1	1.964	2.882	10.1	21.6
9 8	20 34.45	−23 55.8	2.036	2.875	13.2	21.8

331582 2001 SD_{80} 8 4.3 345°.74 3°.9/ 6.4 17

6 30	21 15.99	− 7 50.6	1.125	2.006	19.5	20.5
7 10	21 14.05	− 7 46.8	1.055	1.994	15.4	20.2
7 20	21 9.28	− 8 5.1	1.002	1.984	10.7	19.9
7 30	21 2.38	− 8 44.4	0.969	1.975	5.9	19.6
8 9	20 54.54	− 9 39.9	0.958	1.967	4.2	19.5
8 19	20 47.17	−10 44.5	0.969	1.961	8.4	19.7
8 29	20 41.69	−11 49.6	1.001	1.956	13.5	19.9
9 8	20 39.14	−12 47.5	1.052	1.953	18.1	20.2

74851 1999 TL_{65} 8 4.3 181°.09 1°.0/ 4.9 18

6 30	21 25.50	−12 18.3	1.873	2.719	14.3	20.7
7 10	21 20.09	−12 40.9	1.796	2.720	11.0	20.5
7 20	21 12.51	−13 14.9	1.741	2.721	7.1	20.3
7 30	21 3.40	−13 57.2	1.712	2.721	2.9	20.0
8 9	20 53.68	−14 43.3	1.710	2.720	2.1	20.0
8 19	20 44.36	−15 28.5	1.735	2.719	6.3	20.3
8 29	20 36.45	−16 8.6	1.787	2.717	10.2	20.5
9 8	20 30.71	−16 40.9	1.862	2.715	13.7	20.7

314525 2005 YP_{16} 8 4.3 332°.93 1°.3/ 3.2 18

6 30	21 18.72	−17 21.9	2.121	2.986	12.2	20.1
7 10	21 14.87	−18 17.5	2.044	2.981	9.1	19.9
7 20	21 9.20	−19 21.3	1.990	2.977	5.6	19.7
7 30	21 2.23	−20 28.8	1.962	2.973	2.1	19.5
8 9	20 54.72	−21 34.5	1.962	2.969	2.6	19.5
8 19	20 47.51	−22 33.5	1.989	2.966	6.2	19.7
8 29	20 41.43	−23 21.9	2.042	2.963	9.7	19.9
9 8	20 37.16	−23 57.8	2.119	2.960	12.7	20.1

70265 1999 RX_{94} 8 4.3 37°.73 3°.6/ 2.8 18

6 30	21 26.49	−23 10.3	1.095	1.991	18.7	17.7
7 10	21 21.83	−23 36.8	1.053	2.005	14.0	17.4
7 20	21 13.93	−24 6.6	1.029	2.020	8.9	17.2
7 30	21 3.91	−24 31.8	1.027	2.036	4.3	17.0
8 9	20 53.37	−24 45.5	1.048	2.053	5.1	17.1
8 19	20 43.98	−24 43.9	1.091	2.070	9.8	17.4
8 29	20 37.13	−24 26.6	1.156	2.088	14.4	17.7
9 8	20 33.58	−23 55.6	1.240	2.107	18.3	18.0

498510 2008 DC_{45} 8 4.3 142°.86 1°.2/ 3.5 17

6 30	21 26.19	−17 35.9	1.831	2.690	14.1	22.5
7 10	21 20.61	−18 21.4	1.766	2.701	10.5	22.3
7 20	21 12.82	−19 14.7	1.724	2.710	6.5	22.0
7 30	21 3.50	−20 10.5	1.708	2.720	2.4	21.8
8 9	20 53.65	−21 3.1	1.720	2.728	2.8	21.8
8 19	20 44.33	−21 47.4	1.758	2.736	6.9	22.1
8 29	20 36.54	−22 20.4	1.823	2.743	10.7	22.4
9 8	20 31.02	−22 40.9	1.910	2.750	14.0	22.6

43220 2000 AR_{150} 8 4.3 159°.08 4°.9/ 8.8 18

6 30	21 18.69	+ 0 45.6	2.627	3.411	12.4	19.5
7 10	21 14.40	+ 0 56.0	2.544	3.413	10.2	19.4
7 20	21 8.69	+ 0 52.0	2.482	3.416	7.9	19.2
7 30	21 2.01	+ 0 33.3	2.446	3.417	5.8	19.1
8 9	20 54.95	+ 0 1.4	2.436	3.419	4.9	19.0
8 19	20 48.14	− 0 41.1	2.453	3.421	5.9	19.1
8 29	20 42.20	− 1 30.7	2.498	3.422	8.0	19.2
9 8	20 37.66	− 2 23.2	2.567	3.424	10.3	19.4

244568 2002 VC_{140} 8 4.3 356°.97 11°.5/29.8 18

6 30	21 26.68	−40 59.8	1.304	2.185	17.3	18.7
7 10	21 22.38	−42 1.0	1.253	2.179	14.6	18.5
7 20	21 14.52	−42 47.1	1.221	2.175	12.4	18.4
7 30	21 4.18	−43 7.0	1.210	2.172	11.5	18.3
8 9	20 53.11	−42 53.3	1.221	2.171	12.4	18.4
8 19	20 43.19	−42 4.7	1.251	2.171	14.7	18.5
8 29	20 35.97	−40 45.3	1.302	2.173	17.5	18.7
9 8	20 32.34	−39 3.0	1.370	2.175	20.2	18.9

512195 2015 SR_{10} 8 4.3 235°.98 2°.1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.96	−22 53.2	2.424	3.284	11.0	21.2
7 10	21 17.79	−23 13.0	2.346	3.281	8.3	21.0
7 20	21 10.89	−23 34.3	2.292	3.277	5.2	20.8
7 30	21 2.81	−23 53.7	2.264	3.273	2.5	20.6
8 9	20 54.28	−24 7.7	2.265	3.269	3.0	20.7
8 19	20 46.11	−24 14.0	2.294	3.265	6.0	20.8
8 29	20 39.08	−24 11.2	2.349	3.260	9.0	21.0
9 8	20 33.79	−23 59.4	2.428	3.256	11.7	21.2

369677 2011 WQ_5 8 4.3 312°.57 1°.6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.77	−20 25.0	1.885	2.754	13.3	20.8
7 10	21 18.15	−20 41.9	1.805	2.744	10.0	20.5
7 20	21 11.36	−21 3.3	1.747	2.734	6.3	20.3
7 30	21 3.02	−21 25.1	1.714	2.725	2.5	20.0
8 9	20 54.06	−21 43.0	1.707	2.715	2.9	20.0
8 19	20 45.49	−21 53.6	1.728	2.706	6.9	20.3
8 29	20 38.32	−21 54.9	1.773	2.697	10.7	20.5
9 8	20 33.31	−21 46.4	1.841	2.689	14.1	20.7

338543 2003 SZ_{23} 8 4.3 330°.45 8°.0/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.78	−35 21.9	1.508	2.383	15.7	19.7
7 10	21 24.20	−35 58.6	1.441	2.373	12.6	19.5
7 20	21 15.48	−36 26.4	1.394	2.363	9.7	19.3
7 30	21 4.52	−36 36.7	1.371	2.354	8.1	19.2
8 9	20 52.79	−36 22.7	1.371	2.345	9.0	19.2
8 19	20 41.91	−35 42.5	1.395	2.337	11.8	19.4
8 29	20 33.32	−34 38.4	1.441	2.330	15.1	19.6
9 8	20 27.95	−33 16.1	1.507	2.323	18.2	19.8

187824 1999 UH_{32} 8 4.3 34°.16 7°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.79	−35 27.9	2.024	2.891	12.6	19.9
7 10	21 19.67	−36 31.8	1.970	2.896	10.1	19.7
7 20	21 12.27	−37 29.0	1.939	2.901	8.0	19.6
7 30	21 3.31	−38 12.4	1.933	2.906	7.0	19.6
8 9	20 53.86	−38 36.8	1.953	2.912	7.9	19.6
8 19	20 45.02	−38 39.6	1.997	2.918	10.0	19.8
8 29	20 37.83	−38 21.4	2.065	2.924	12.4	19.9
9 8	20 32.98	−37 45.1	2.152	2.930	14.7	20.1

186787 2004 DS_{63} 8 4.3 143°.99 1°.5/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.60	−19 13.9	1.656	2.523	14.9	21.4
7 10	21 21.16	−19 41.7	1.590	2.528	11.2	21.2
7 20	21 13.28	−20 15.7	1.545	2.532	7.0	21.0
7 30	21 3.70	−20 51.0	1.525	2.537	2.6	20.7
8 9	20 53.52	−21 22.1	1.532	2.541	3.1	20.8
8 19	20 43.94	−21 44.7	1.566	2.544	7.4	21.0
8 29	20 36.06	−21 56.4	1.624	2.548	11.5	21.3
9 8	20 30.68	−21 56.7	1.704	2.551	15.0	21.5

147736 Raxavinic 8 4.3 345°.12 2°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 14.86	− 8 12.7	1.438	2.306	16.7	18.4
7 10	21 12.69	− 8 46.0	1.360	2.293	13.1	18.1
7 20	21 8.20	− 9 39.8	1.300	2.282	8.8	17.9
7 30	21 1.98	−10 51.6	1.264	2.271	4.3	17.6
8 9	20 54.98	−12 15.1	1.251	2.262	2.8	17.5
8 19	20 48.32	−13 42.7	1.263	2.254	7.1	17.7
8 29	20 43.15	−15 6.0	1.299	2.247	11.7	17.9
9 8	20 40.34	−16 18.5	1.356	2.241	15.8	18.2

204710 Gaoxing 8 4.3 77°.01 1°.8/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.37	−18 18.1	1.291	2.172	17.5	20.3
7 10	21 21.43	−19 1.1	1.239	2.184	13.1	20.0
7 20	21 13.62	−19 53.5	1.207	2.197	8.1	19.8
7 30	21 3.84	−20 48.3	1.198	2.209	3.0	19.5
8 9	20 53.45	−21 37.8	1.213	2.222	3.6	19.6
8 19	20 43.89	−22 15.9	1.253	2.234	8.5	19.9
8 29	20 36.48	−22 39.4	1.317	2.247	13.1	20.2
9 8	20 32.02	−22 47.7	1.400	2.259	17.0	20.5

146913 2002 CE_{196} 8 4.3 52°.88 1°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.15	−17 54.0	1.983	2.847	12.9	20.4
7 10	21 16.65	−18 26.6	1.922	2.859	9.6	20.2
7 20	21 10.25	−19 5.6	1.884	2.871	5.9	20.0
7 30	21 2.60	−19 46.7	1.871	2.883	2.1	19.8
8 9	20 54.54	−20 25.4	1.886	2.895	2.4	19.9
8 19	20 46.96	−20 57.9	1.928	2.907	6.2	20.1
8 29	20 40.71	−21 21.6	1.995	2.920	9.6	20.4
9 8	20 36.40	−21 35.2	2.085	2.932	12.7	20.6

39755 1997 CY_{21} 8 4.3 136°.94 3°.1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.13	− 4 46.5	2.041	2.864	14.2	19.7
7 10	21 16.60	− 5 18.0	1.967	2.871	11.2	19.6
7 20	21 10.24	− 6 6.2	1.914	2.878	7.8	19.4
7 30	21 2.61	− 7 8.9	1.886	2.885	4.5	19.2
8 9	20 54.50	− 8 21.9	1.886	2.891	3.2	19.1
8 19	20 46.74	− 9 39.8	1.913	2.897	5.8	19.3
8 29	20 40.18	−10 56.9	1.968	2.903	9.1	19.5
9 8	20 35.44	−12 8.2	2.047	2.909	12.3	19.7

286804 2002 JW_{146} 8 4.3 85°.11 5°.8/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.73	+ 4 13.9	2.404	3.174	13.8	20.3
7 10	21 14.49	+ 4 13.2	2.334	3.189	11.6	20.2
7 20	21 8.77	+ 3 54.1	2.284	3.205	9.1	20.0
7 30	21 2.06	+ 3 16.7	2.259	3.220	7.0	19.9
8 9	20 55.02	+ 2 23.2	2.259	3.235	5.9	19.9
8 19	20 48.31	+ 1 17.1	2.287	3.250	6.5	20.0
8 29	20 42.60	+ 0 3.2	2.341	3.264	8.5	20.1
9 8	20 38.39	− 1 13.1	2.420	3.279	10.7	20.3

294025 2007 TH_{123} 8 4.3 249°.86 1°.4/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.33	−11 9.9	2.060	2.905	13.3	21.5
7 10	21 16.87	−11 28.1	1.974	2.897	10.2	21.2
7 20	21 10.50	−11 57.6	1.910	2.888	6.7	21.0
7 30	21 2.75	−12 36.2	1.872	2.880	3.0	20.8
8 9	20 54.40	−13 20.2	1.860	2.871	2.1	20.7
8 19	20 46.33	−14 5.3	1.877	2.862	5.7	20.9
8 29	20 39.42	−14 47.6	1.920	2.853	9.5	21.1
9 8	20 34.39	−15 23.8	1.986	2.844	12.8	21.3

33136 1998 DZ 8 4.3 46°.53 0°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.44	−17 51.7	1.591	2.461	15.2	18.7
7 10	21 19.60	−18 9.6	1.526	2.466	11.5	18.5
7 20	21 12.34	−18 34.9	1.482	2.470	7.1	18.2
7 30	21 3.41	−19 3.2	1.462	2.474	2.5	18.0
8 9	20 53.89	−19 29.6	1.469	2.479	2.6	18.0
8 19	20 44.97	−19 49.8	1.501	2.484	7.2	18.3
8 29	20 37.74	−20 1.1	1.558	2.489	11.4	18.5
9 8	20 32.99	−20 2.4	1.636	2.494	15.0	18.8

445435 2010 UY_{52} 8 4.3 297°.12 4°.8/ 7.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.97	− 2 48.1	2.211	3.022	13.6	21.5
7 10	21 15.70	− 2 25.1	2.122	3.013	11.1	21.3
7 20	21 9.70	− 2 16.2	2.055	3.005	8.3	21.1
7 30	21 2.47	− 2 21.6	2.012	2.997	5.8	21.0
8 9	20 54.71	− 2 40.1	1.996	2.989	4.8	20.9
8 19	20 47.20	− 3 9.3	2.006	2.981	6.4	21.0
8 29	20 40.72	− 3 45.7	2.042	2.973	9.1	21.1
9 8	20 35.92	− 4 24.9	2.102	2.965	12.0	21.3

348056 2003 UV_{228} 8 4.3 303°.52 9°.2/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.39	+ 4 26.7	1.735	2.526	17.6	21.0
7 10	21 16.69	+ 5 23.5	1.634	2.499	15.2	20.8
7 20	21 10.72	+ 6 0.2	1.552	2.472	12.6	20.6
7 30	21 2.95	+ 6 12.7	1.490	2.446	10.3	20.4
8 9	20 54.22	+ 5 59.4	1.451	2.419	9.2	20.2
8 19	20 45.56	+ 5 21.4	1.436	2.393	10.2	20.2
8 29	20 38.09	+ 4 23.2	1.444	2.366	12.8	20.3
9 8	20 32.78	+ 3 12.2	1.473	2.341	15.9	20.5

509332 2006 WJ_{199} 8 4.3 222°.27 2°.8/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.14	− 8 39.7	1.925	2.758	14.5	23.2
7 10	21 19.88	− 8 36.4	1.837	2.750	11.4	23.0
7 20	21 12.48	− 8 45.7	1.770	2.741	7.8	22.8
7 30	21 3.51	− 9 6.6	1.728	2.731	4.2	22.5
8 9	20 53.84	− 9 36.1	1.714	2.721	3.1	22.5
8 19	20 44.47	−10 10.7	1.726	2.710	6.3	22.6
8 29	20 36.39	−10 46.3	1.766	2.699	10.2	22.8
9 8	20 30.39	−11 19.1	1.828	2.687	13.7	23.0

433100 2012 TS_{99} 8 4.3 347°.64 10°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.63	−37 0.6	1.250	2.139	17.4	19.4
7 10	21 22.43	−37 52.7	1.192	2.129	14.2	19.1
7 20	21 14.66	−38 33.8	1.153	2.120	11.4	18.9
7 30	21 4.35	−38 53.1	1.134	2.113	10.0	18.8
8 9	20 53.17	−38 42.3	1.137	2.107	11.0	18.9
8 19	20 43.00	−37 59.3	1.162	2.102	13.8	19.0
8 29	20 35.46	−36 47.1	1.207	2.098	17.2	19.2
9 8	20 31.51	−35 13.1	1.269	2.096	20.3	19.4

440958 2007 BU_{27} 8 4.3 286°.64 0°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.44	−17 2.5	2.130	2.985	12.5	21.3
7 10	21 18.43	−17 0.7	2.042	2.973	9.5	21.0
7 20	21 11.47	−17 4.3	1.977	2.961	6.0	20.8
7 30	21 3.12	−17 10.6	1.938	2.949	2.1	20.5
8 9	20 54.20	−17 16.9	1.926	2.937	1.9	20.5
8 19	20 45.60	−17 20.7	1.943	2.925	5.8	20.7
8 29	20 38.20	−17 19.9	1.985	2.913	9.5	20.9
9 8	20 32.72	−17 13.6	2.051	2.902	12.7	21.1

500808 2013 GP_{37} 8 4.3 86°.44 3°.1/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.75	−20 11.2	1.271	2.154	17.5	21.3
7 10	21 21.87	−21 12.4	1.219	2.165	13.1	21.1
7 20	21 14.01	−22 22.0	1.186	2.177	8.2	20.8
7 30	21 4.07	−23 31.3	1.178	2.188	3.7	20.6
8 9	20 53.45	−24 31.4	1.193	2.199	4.7	20.7
8 19	20 43.66	−25 15.6	1.234	2.209	9.3	21.0
8 29	20 36.07	−25 40.7	1.296	2.220	13.8	21.3
9 8	20 31.55	−25 47.4	1.379	2.231	17.6	21.6

284584 2007 TR_{152} 8 4.3 329.°76 1.°9/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.42	−12 2.9	1.604	2.466	15.6	20.2
7 10	21 17.43	−11 57.4	1.525	2.457	12.1	20.0
7 20	21 11.09	−12 3.7	1.466	2.448	8.0	19.7
7 30	21 3.05	−12 19.9	1.431	2.440	3.6	19.5
8 9	20 54.29	−12 42.6	1.421	2.432	2.6	19.4
8 19	20 45.92	−13 7.8	1.437	2.424	6.8	19.6
8 29	20 39.06	−13 31.5	1.477	2.417	11.2	19.9
9 8	20 34.53	−13 50.3	1.538	2.411	15.0	20.1

323696 2005 GS_{98} 8 4.3 7.°99 4.°1/ 6.3 17

6 30	21 15.76	− 9 18.7	0.917	1.814	21.3	19.9
7 10	21 14.17	− 8 55.6	0.867	1.815	16.7	19.7
7 20	21 9.45	− 8 54.1	0.833	1.819	11.5	19.4
7 30	21 2.52	− 9 13.2	0.817	1.824	6.1	19.1
8 9	20 54.81	− 9 48.0	0.822	1.831	4.4	19.1
8 19	20 47.90	−10 31.3	0.847	1.840	8.9	19.4
8 29	20 43.26	−11 15.2	0.892	1.851	14.1	19.7
9 8	20 41.78	−11 52.8	0.954	1.864	18.7	20.0

471678 2012 TU_{187} 8 4.4 351.°96 5.°1/ 1.2 18

6 30	21 9.92	−21 59.8	0.934	1.859	18.4	19.0
7 10	21 10.09	−23 16.2	0.875	1.844	13.9	18.7
7 20	21 7.13	−24 44.3	0.833	1.831	9.0	18.4
7 30	21 1.77	−26 13.5	0.811	1.820	5.3	18.2
8 9	20 55.40	−27 31.2	0.809	1.812	7.0	18.2
8 19	20 49.65	−28 26.7	0.827	1.807	11.9	18.5
8 29	20 46.14	−28 54.3	0.863	1.804	16.9	18.8
9 8	20 45.93	−28 53.4	0.916	1.804	21.3	19.0

21769 1999 RS_{210} 8 4.4 344.°54 11.°1/11.1 18

6 30	21 17.86	+ 7 1.2	1.446	2.243	20.2	18.7
7 10	21 14.96	+ 8 8.1	1.371	2.234	17.7	18.5
7 20	21 9.67	+ 8 48.6	1.312	2.226	14.9	18.3
7 30	21 2.59	+ 8 57.8	1.272	2.219	12.5	18.1
8 9	20 54.70	+ 8 34.3	1.252	2.213	11.2	18.0
8 19	20 47.14	+ 7 40.4	1.254	2.208	11.7	18.0
8 29	20 41.10	+ 6 23.1	1.278	2.203	13.8	18.1
9 8	20 37.47	+ 4 52.0	1.322	2.200	16.6	18.3

440505 2005 TC_{194} 8 4.4 326.°20 1.°7/ 3.2 17

6 30	21 19.06	−18 51.4	1.672	2.550	14.2	21.3
7 10	21 15.75	−19 29.0	1.586	2.530	10.8	21.0
7 20	21 10.12	−20 15.3	1.521	2.511	6.7	20.7
7 30	21 2.75	−21 5.4	1.481	2.492	2.6	20.4
8 9	20 54.56	−21 53.3	1.466	2.474	3.2	20.4
8 19	20 46.65	−22 33.4	1.477	2.457	7.6	20.6
8 29	20 40.17	−23 1.7	1.511	2.440	11.8	20.9
9 8	20 35.99	−23 16.4	1.567	2.425	15.6	21.1

237410 1998 SN_{140} 8 4.4 322.°18 9.°2/10.3 18

6 30	21 17.92	+ 5 6.9	1.627	2.424	18.3	19.8
7 10	21 14.84	+ 5 48.2	1.539	2.408	15.8	19.6
7 20	21 9.54	+ 6 5.6	1.468	2.392	13.0	19.4
7 30	21 2.56	+ 5 55.6	1.418	2.376	10.5	19.2
8 9	20 54.75	+ 5 17.8	1.390	2.361	9.2	19.1
8 19	20 47.15	+ 4 15.0	1.385	2.347	10.0	19.1
8 29	20 40.87	+ 2 53.6	1.403	2.333	12.5	19.2
9 8	20 36.78	+ 1 22.5	1.443	2.320	15.5	19.4

121449 1999 TU_{193} 8 4.4 279.°46 4.°8/31.7 18

6 30	21 23.94	−30 5.8	2.264	3.130	11.5	20.3
7 10	21 18.87	−30 50.4	2.188	3.120	8.9	20.1
7 20	21 11.79	−31 32.8	2.135	3.110	6.3	19.9
7 30	21 3.28	−32 7.7	2.108	3.100	4.8	19.8
8 9	20 54.20	−32 30.1	2.108	3.090	5.6	19.8
8 19	20 45.50	−32 37.4	2.134	3.080	8.1	20.0
8 29	20 38.11	−32 28.6	2.186	3.070	10.8	20.1
9 8	20 32.73	−32 5.1	2.259	3.060	13.4	20.3

449341 2013 GU_{6} 8 4.4 188.°33 6.°3/30.4 18

6 30	21 26.96	−36 53.3	2.476	3.328	11.1	20.9
7 10	21 20.99	−37 40.3	2.413	3.328	9.0	20.7
7 20	21 13.01	−38 20.3	2.373	3.327	7.1	20.6
7 30	21 3.68	−38 47.8	2.359	3.327	6.3	20.6
8 9	20 53.91	−38 58.4	2.372	3.326	7.0	20.6
8 19	20 44.64	−38 50.6	2.411	3.325	8.8	20.7
8 29	20 36.80	−38 24.6	2.475	3.324	10.9	20.9
9 8	20 31.02	−37 43.2	2.560	3.323	13.0	21.0

92913 2000 RH_{11} 8 4.4 327.°35 4.°8/ 1.5 18

6 30	21 19.69	−24 3.3	1.281	2.179	16.4	18.7
7 10	21 17.02	−25 2.0	1.202	2.156	12.5	18.4
7 20	21 11.34	−26 7.6	1.143	2.134	8.3	18.1
7 30	21 3.30	−27 11.7	1.106	2.112	5.0	17.9
8 9	20 54.12	−28 4.9	1.092	2.092	6.4	17.9
8 19	20 45.31	−28 39.4	1.101	2.073	10.8	18.1
8 29	20 38.45	−28 51.5	1.131	2.055	15.4	18.3
9 8	20 34.66	−28 41.3	1.179	2.038	19.6	18.5

151443 2002 GH_{34} 8 4.4 171.°98 1.°7/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.99	− 8 31.7	2.356	3.189	12.2	20.2
7 10	21 14.87	− 9 5.9	2.275	3.190	9.5	20.0
7 20	21 9.16	− 9 52.5	2.217	3.190	6.3	19.8
7 30	21 2.33	−10 49.1	2.185	3.190	3.1	19.6
8 9	20 55.05	−11 51.8	2.181	3.191	2.1	19.6
8 19	20 48.04	−12 56.4	2.206	3.191	5.0	19.8
8 29	20 42.02	−13 58.4	2.258	3.191	8.2	20.0
9 8	20 37.56	−14 54.4	2.335	3.191	11.1	20.2

315991 2009 DA_{64} 8 4.4 84.°19 0.°2/ 4.5 17

6 30	21 23.11	−12 0.6	1.369	2.238	17.4	20.6
7 10	21 18.96	−13 0.5	1.308	2.245	13.2	20.4
7 20	21 12.17	−14 18.0	1.266	2.252	8.3	20.2
7 30	21 3.48	−15 47.1	1.248	2.260	3.0	19.9
8 9	20 54.07	−17 19.0	1.256	2.267	2.5	19.8
8 19	20 45.25	−18 44.8	1.288	2.274	7.7	20.2
8 29	20 38.26	−19 57.7	1.345	2.281	12.4	20.5
9 8	20 33.97	−20 53.7	1.423	2.289	16.4	20.7

62280 2000 SX_{105} 8 4.4 83.°88 0.°5/ 4.1 17

6 30	21 26.92	−16 28.9	1.357	2.231	17.2	19.3
7 10	21 21.76	−16 51.3	1.301	2.242	13.0	19.1
7 20	21 13.84	−17 23.9	1.265	2.253	8.1	18.8
7 30	21 4.03	−18 1.4	1.252	2.264	2.8	18.6
8 9	20 53.63	−18 37.6	1.265	2.275	2.7	18.6
8 19	20 44.00	−19 7.3	1.302	2.286	7.8	18.9
8 29	20 36.41	−19 27.0	1.363	2.297	12.4	19.2
9 8	20 31.65	−19 35.5	1.445	2.308	16.3	19.5

251667 1995 FL_{1} 8 4.4 289.°36 5.°7/ 1.6 18

6 30	21 28.25	−27 34.2	1.362	2.246	16.5	20.3
7 10	21 23.36	−28 19.1	1.288	2.233	12.7	20.0
7 20	21 15.22	−29 4.5	1.235	2.219	8.7	19.8
7 30	21 4.65	−29 41.6	1.204	2.206	5.8	19.6
8 9	20 53.02	−30 2.1	1.198	2.193	6.9	19.6
8 19	20 41.99	−30 1.1	1.215	2.179	10.9	19.8
8 29	20 33.15	−29 38.0	1.255	2.166	15.1	20.0
9 8	20 27.57	−28 55.9	1.313	2.153	19.0	20.2

387527 2000 CF_{139} 8 4.4 75.°89 0.°6/ 4.8 17

6 30	21 22.10	−13 10.2	1.868	2.723	14.0	21.2
7 10	21 17.48	−13 39.0	1.806	2.736	10.6	21.0
7 20	21 10.88	−14 18.3	1.766	2.748	6.7	20.8
7 30	21 2.95	−15 4.6	1.751	2.761	2.6	20.6
8 9	20 54.58	−15 53.1	1.763	2.774	1.9	20.6
8 19	20 46.70	−16 39.2	1.803	2.787	6.0	20.9
8 29	20 40.21	−17 18.9	1.868	2.800	9.7	21.1
9 8	20 35.74	−17 49.9	1.956	2.813	13.0	21.4

523722 2014 LV_{28} 8 4.4 350.°86 0.°0/ 4.1 17

6 30	21 1.43	−17 57.3	35.297	36.142	0.9	21.4
7 10	21 0.67	−18 0.0	35.208	36.135	0.7	21.3
7 20	20 59.84	−18 2.9	35.145	36.129	0.4	21.3
7 30	20 58.95	−18 6.0	35.111	36.123	0.1	21.3
8 9	20 58.04	−18 9.1	35.106	36.116	0.1	21.3
8 19	20 57.15	−18 12.1	35.130	36.110	0.4	21.3
8 29	20 56.31	−18 14.9	35.182	36.103	0.7	21.3
9 8	20 55.54	−18 17.2	35.261	36.097	0.9	21.4

104253 2000 EK_{138} 8 4.4 298.°09 2.°2/ 3.0 18

6 30	21 24.34	−21 42.1	1.872	2.741	13.4	19.9
7 10	21 19.36	−22 6.0	1.799	2.738	10.1	19.7
7 20	21 12.17	−22 33.4	1.747	2.734	6.3	19.5
7 30	21 3.45	−22 59.7	1.721	2.731	2.8	19.3
8 9	20 54.13	−23 20.4	1.722	2.728	3.4	19.3
8 19	20 45.28	−23 31.9	1.750	2.725	7.1	19.5
8 29	20 37.90	−23 32.5	1.802	2.722	10.8	19.7
9 8	20 32.74	−23 22.2	1.877	2.719	14.1	19.9

65934 1998 FE_{65} 8 4.4 194.°44 1.°9/ 3.3 18

6 30	21 27.86	−20 14.7	1.648	2.515	15.0	18.4
7 10	21 22.28	−20 42.6	1.576	2.514	11.3	18.2
7 20	21 14.14	−21 16.1	1.525	2.512	7.1	17.9
7 30	21 4.17	−21 50.0	1.500	2.510	2.8	17.7
8 9	20 53.51	−22 18.5	1.501	2.508	3.4	17.7
8 19	20 43.38	−22 37.5	1.528	2.505	7.7	18.0
8 29	20 34.98	−22 44.5	1.580	2.502	11.9	18.2
9 8	20 29.17	−22 39.5	1.654	2.499	15.5	18.4

396261 2014 CK_{13} 8 4.4 33.°07 9.°3/12.1 17

6 30	21 19.74	+10 14.3	1.037	1.846	25.7	19.9
7 10	21 17.13	+ 9 15.5	0.969	1.848	22.0	19.6
7 20	21 11.42	+ 7 23.8	0.915	1.850	17.6	19.4
7 30	21 3.33	+ 4 36.5	0.879	1.853	12.9	19.1
8 9	20 54.18	+ 1 1.8	0.864	1.856	9.6	19.0
8 19	20 45.57	− 3 1.8	0.874	1.859	10.5	19.0
8 29	20 39.07	− 7 9.4	0.908	1.862	14.6	19.3
9 8	20 35.80	−10 58.1	0.964	1.866	19.3	19.5

62010 2000 RX_{40} 8 4.4 347°.76 4°.0/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.31	− 6 19.8	1.940	2.772	14.5	18.4
7 10	21 16.91	− 5 55.4	1.861	2.769	11.6	18.2
7 20	21 10.57	− 5 44.0	1.803	2.767	8.3	18.0
7 30	21 2.88	− 5 45.6	1.769	2.765	5.2	17.8
8 9	20 54.65	− 5 58.6	1.762	2.763	4.1	17.7
8 19	20 46.76	− 6 20.1	1.781	2.762	6.4	17.8
8 29	20 40.12	− 6 46.6	1.825	2.761	9.7	18.0
9 8	20 35.40	− 7 14.1	1.893	2.760	12.9	18.2

3686 Antoku 8 4.4 80°.19 0°.1/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.52	−13 50.0	1.829	2.686	14.2	16.7
7 10	21 17.83	−14 29.3	1.770	2.702	10.7	16.5
7 20	21 11.12	−15 19.2	1.733	2.717	6.7	16.3
7 30	21 3.05	−16 15.3	1.721	2.732	2.4	16.0
8 9	20 54.54	−17 12.2	1.737	2.748	2.0	16.0
8 19	20 46.56	−18 4.9	1.779	2.763	6.2	16.3
8 29	20 39.99	−18 49.4	1.847	2.778	9.9	16.6
9 8	20 35.51	−19 23.3	1.939	2.793	13.2	16.8

310458 2000 QA_{180} 8 4.4 236°.33 9°.9/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 42.64	−43 30.8	1.982	2.811	14.3	20.4
7 10	21 33.86	−44 32.8	1.904	2.794	12.3	20.3
7 20	21 21.64	−45 21.9	1.849	2.775	10.6	20.1
7 30	21 6.91	−45 48.0	1.818	2.756	9.9	20.0
8 9	20 51.20	−45 43.6	1.812	2.735	10.8	20.1
8 19	20 36.29	−45 6.3	1.831	2.714	12.7	20.1
8 29	20 23.82	−43 59.2	1.874	2.692	15.2	20.3
9 8	20 14.81	−42 29.4	1.936	2.668	17.5	20.4

264219 2010 RV_{63} 8 4.4 25°.24 2°.7/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.12	− 9 21.3	1.047	1.930	20.4	19.9
7 10	21 17.18	− 9 33.4	0.996	1.938	15.8	19.7
7 20	21 11.24	−10 7.2	0.962	1.947	10.5	19.4
7 30	21 3.19	−10 59.2	0.949	1.957	5.0	19.2
8 9	20 54.44	−12 2.2	0.958	1.968	3.3	19.1
8 19	20 46.49	−13 7.7	0.989	1.980	8.3	19.4
8 29	20 40.73	−14 7.5	1.041	1.993	13.4	19.8
9 8	20 38.02	−14 55.9	1.113	2.007	17.9	20.1

182539 2001 TS_{45} 8 4.4 260°.05 13°.3/23.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.79	−35 40.7	1.173	2.064	18.1	19.6
7 10	21 25.20	−39 21.9	1.119	2.053	15.2	19.3
7 20	21 17.34	−43 3.4	1.087	2.041	13.4	19.2
7 30	21 5.74	−46 22.3	1.079	2.030	13.8	19.2
8 9	20 52.01	−48 58.3	1.093	2.018	16.1	19.3
8 19	20 38.50	−50 40.2	1.128	2.006	19.3	19.4
8 29	20 27.78	−51 27.9	1.180	1.994	22.5	19.6
9 8	20 21.65	−51 29.8	1.244	1.981	25.3	19.8

380770 2005 US_{90} 8 4.4 308°.16 2°.8/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.15	−10 40.1	1.484	2.344	16.7	20.7
7 10	21 19.00	−10 23.1	1.402	2.331	13.1	20.4
7 20	21 12.27	−10 19.3	1.339	2.318	8.9	20.2
7 30	21 3.60	−10 27.5	1.299	2.305	4.5	19.9
8 9	20 54.05	−10 44.9	1.283	2.293	3.3	19.8
8 19	20 44.86	−11 7.6	1.293	2.280	7.4	20.0
8 29	20 37.30	−11 31.3	1.327	2.269	12.0	20.2
9 8	20 32.29	−11 52.1	1.381	2.258	16.2	20.4

111395 2001 XK_{168} 8 4.4 153°.77 0°.3/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.04	−14 7.0	2.371	3.218	11.7	20.2
7 10	21 16.39	−14 34.6	2.295	3.221	8.8	20.0
7 20	21 10.11	−15 10.3	2.243	3.225	5.6	19.8
7 30	21 2.71	−15 51.1	2.217	3.228	2.1	19.6
8 9	20 54.88	−16 33.3	2.220	3.231	1.6	19.6
8 19	20 47.37	−17 13.5	2.251	3.234	5.1	19.8
8 29	20 40.92	−17 48.4	2.309	3.236	8.4	20.0
9 8	20 36.09	−18 16.2	2.392	3.239	11.2	20.2

137737 1999 XD_{128} 8 4.4 255°.19 1°.9/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.04	−19 29.9	1.715	2.582	14.5	21.1
7 10	21 21.05	−20 7.6	1.628	2.566	11.0	20.9
7 20	21 13.52	−20 53.1	1.562	2.549	6.9	20.6
7 30	21 4.05	−21 40.9	1.522	2.532	2.8	20.3
8 9	20 53.68	−22 25.0	1.508	2.515	3.4	20.3
8 19	20 43.59	−22 59.8	1.520	2.497	7.8	20.6
8 29	20 35.04	−23 22.1	1.557	2.479	12.1	20.8
9 8	20 28.96	−23 30.6	1.616	2.460	15.9	21.0

504987 2011 HZ_{50} 8 4.4 129°.35 4°.1/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.00	−25 20.2	2.025	2.890	12.7	22.0
7 10	21 20.48	−26 38.2	1.968	2.904	9.5	21.8
7 20	21 12.82	−27 57.7	1.935	2.917	6.3	21.6
7 30	21 3.71	−29 11.8	1.929	2.929	4.2	21.5
8 9	20 54.07	−30 13.9	1.951	2.941	5.2	21.6
8 19	20 44.94	−30 59.8	2.000	2.953	8.1	21.8
8 29	20 37.28	−31 27.7	2.074	2.964	11.1	22.0
9 8	20 31.79	−31 38.3	2.171	2.974	13.7	22.2

198219 2004 TM_{175} 8 4.4 296°.88 2°.2/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.01	−10 25.3	1.649	2.503	15.6	20.8
7 10	21 18.09	−10 28.6	1.550	2.477	12.2	20.6
7 20	21 11.73	−10 46.0	1.472	2.451	8.3	20.3
7 30	21 3.45	−11 16.0	1.417	2.424	4.0	19.9
8 9	20 54.18	−11 55.2	1.388	2.398	2.8	19.8
8 19	20 45.04	−12 38.8	1.385	2.372	7.1	20.0
8 29	20 37.25	−13 21.6	1.405	2.345	11.7	20.2
9 8	20 31.81	−13 59.2	1.448	2.319	15.9	20.4

328162 2008 CH_{178} 8 4.4 160°.35 0°.6/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.89	−13 12.6	1.830	2.679	14.5	22.0
7 10	21 20.47	−13 41.0	1.758	2.685	11.0	21.8
7 20	21 12.87	−14 20.6	1.709	2.691	7.0	21.5
7 30	21 3.75	−15 7.5	1.685	2.695	2.7	21.3
8 9	20 54.04	−15 56.8	1.688	2.700	2.0	21.2
8 19	20 44.78	−16 43.6	1.719	2.703	6.3	21.5
8 29	20 36.99	−17 23.8	1.776	2.706	10.3	21.8
9 8	20 31.41	−17 54.9	1.856	2.708	13.8	22.0

506542 2005 AH_{2} 8 4.4 250°.02 3°.8/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.89	−21 21.0	2.123	2.984	12.3	21.0
7 10	21 19.96	−23 27.9	2.032	2.967	9.3	20.8
7 20	21 12.79	−25 45.5	1.967	2.950	6.1	20.6
7 30	21 3.82	−28 5.3	1.931	2.933	3.9	20.4
8 9	20 53.87	−30 17.7	1.925	2.915	5.3	20.5
8 19	20 43.92	−32 14.1	1.948	2.896	8.6	20.6
8 29	20 35.10	−33 48.9	1.999	2.877	11.9	20.8
9 8	20 28.31	−35 0.3	2.072	2.858	14.9	21.0

497460 2005 YJ_{91} 8 4.4 203°.10 0°.3/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.60	−14 31.4	1.468	2.334	16.5	22.0
7 10	21 20.88	−15 15.4	1.395	2.332	12.6	21.7
7 20	21 13.45	−16 13.2	1.343	2.330	7.9	21.4
7 30	21 4.04	−17 19.6	1.315	2.327	2.8	21.1
8 9	20 53.78	−18 27.1	1.313	2.323	2.6	21.1
8 19	20 43.99	−19 28.8	1.336	2.320	7.8	21.4
8 29	20 35.97	−20 18.9	1.384	2.316	12.5	21.7
9 8	20 30.65	−20 54.8	1.453	2.311	16.5	21.9

482175 2010 TC_{186} 8 4.4 214°.46 6°.3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.56	−34 43.4	2.385	3.247	11.1	20.9
7 10	21 18.66	−36 3.6	2.322	3.245	8.9	20.8
7 20	21 11.73	−37 19.5	2.284	3.243	7.1	20.7
7 30	21 3.36	−38 24.3	2.271	3.241	6.3	20.6
8 9	20 54.40	−39 12.6	2.286	3.239	7.3	20.7
8 19	20 45.82	−39 41.1	2.326	3.237	9.2	20.8
8 29	20 38.53	−39 49.3	2.390	3.235	11.4	20.9
9 8	20 33.25	−39 38.8	2.474	3.232	13.5	21.1

475974 2007 NM_{2} 8 4.4 354°.63 8°.8/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.67	− 4 37.7	1.089	1.958	20.8	19.8
7 10	21 16.16	− 2 52.3	1.024	1.948	17.3	19.5
7 20	21 10.73	− 1 23.5	0.975	1.939	13.4	19.3
7 30	21 3.12	− 0 17.0	0.946	1.933	10.0	19.1
8 9	20 54.59	+ 0 24.2	0.937	1.929	8.9	19.0
8 19	20 46.62	+ 0 40.3	0.949	1.927	11.0	19.1
8 29	20 40.63	+ 0 35.5	0.982	1.928	14.8	19.3
9 8	20 37.64	+ 0 17.0	1.032	1.930	18.6	19.6

127592 2003 BB_{7} 8 4.4 264°.89 1°.1/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.56	−12 36.1	1.679	2.536	15.2	20.3
7 10	21 19.08	−12 52.6	1.594	2.524	11.7	20.0
7 20	21 12.23	−13 21.5	1.530	2.513	7.6	19.8
7 30	21 3.61	−14 0.2	1.491	2.501	3.1	19.5
8 9	20 54.17	−14 43.9	1.477	2.488	2.2	19.4
8 19	20 45.05	−15 27.5	1.490	2.476	6.8	19.6
8 29	20 37.38	−16 6.4	1.528	2.463	11.2	19.9
9 8	20 32.05	−16 37.2	1.587	2.451	15.1	20.1

335030 2004 QN_{10} 8 4.4 321°.34 5°.6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.02	−24 57.1	1.280	2.179	16.4	20.2
7 10	21 17.47	−26 7.9	1.195	2.148	12.6	19.9
7 20	21 11.82	−27 26.6	1.129	2.118	8.6	19.6
7 30	21 3.62	−28 44.2	1.085	2.089	5.7	19.3
8 9	20 54.08	−29 49.9	1.064	2.061	7.2	19.3
8 19	20 44.74	−30 34.8	1.066	2.033	11.6	19.5
8 29	20 37.32	−30 54.0	1.088	2.007	16.3	19.7
9 8	20 33.09	−30 47.6	1.128	1.982	20.6	19.9

72333 2001 BP_{60} 8 4.4 192°.12 5°.4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.54	+ 0 45.4	1.999	2.798	15.3	19.7
7 10	21 16.34	+ 0 38.1	1.917	2.797	12.6	19.5
7 20	21 10.26	+ 0 10.7	1.854	2.797	9.6	19.3
7 30	21 2.85	− 0 36.6	1.816	2.796	6.8	19.1
8 9	20 54.87	− 1 41.1	1.803	2.794	5.4	19.1
8 19	20 47.19	− 2 58.2	1.817	2.793	6.8	19.1
8 29	20 40.67	− 4 21.6	1.858	2.792	9.7	19.3
9 8	20 35.99	− 5 45.0	1.922	2.790	12.7	19.5

378203 2006 YW_{42} 8 4.4 229°.04 0°.9/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.02	−17 36.9	2.007	2.862	13.2	22.8
7 10	21 20.64	−18 8.8	1.918	2.850	10.0	22.5
7 20	21 13.07	−18 48.1	1.852	2.837	6.3	22.3
7 30	21 3.88	−19 30.8	1.812	2.824	2.3	22.0
8 9	20 53.97	−20 12.0	1.801	2.810	2.5	22.0
8 19	20 44.32	−20 47.3	1.817	2.795	6.6	22.2
8 29	20 35.98	−21 13.4	1.859	2.780	10.5	22.4
9 8	20 29.74	−21 29.0	1.924	2.764	13.9	22.6

349086 2007 DX_{52} 8 4.4 188°.78 3°.0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.24	− 4 9.0	2.792	3.597	11.2	21.6
7 10	21 14.85	− 4 22.4	2.705	3.596	9.0	21.4
7 20	21 9.09	− 4 47.8	2.640	3.595	6.5	21.3
7 30	21 2.38	− 5 24.4	2.601	3.594	4.0	21.1
8 9	20 55.29	− 6 9.7	2.591	3.592	3.1	21.1
8 19	20 48.41	− 7 0.9	2.610	3.589	4.8	21.2
8 29	20 42.34	− 7 54.3	2.656	3.587	7.3	21.3
9 8	20 37.60	− 8 46.5	2.728	3.584	9.8	21.5

338803 2003 UR_{414} 8 4.4 288°.12 7°.2/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.55	−32 7.2	1.796	2.671	13.6	20.4
7 10	21 20.16	−33 39.5	1.719	2.653	10.8	20.2
7 20	21 13.10	−35 10.9	1.665	2.635	8.3	20.0
7 30	21 3.99	−36 32.4	1.635	2.617	7.2	19.9
8 9	20 53.90	−37 35.1	1.632	2.598	8.5	19.9
8 19	20 44.11	−38 13.5	1.652	2.580	11.2	20.0
8 29	20 35.96	−38 25.8	1.695	2.562	14.3	20.2
9 8	20 30.43	−38 14.1	1.757	2.544	17.1	20.4

491650 2012 TC_{233} 8 4.4 303°.88 0°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.89	−13 32.0	1.650	2.513	15.2	21.4
7 10	21 17.86	−13 48.1	1.567	2.501	11.6	21.2
7 20	21 11.48	−14 16.1	1.506	2.490	7.5	20.9
7 30	21 3.36	−14 52.8	1.468	2.479	2.9	20.6
8 9	20 54.47	−15 33.6	1.456	2.468	2.1	20.5
8 19	20 45.92	−16 13.4	1.470	2.457	6.8	20.8
8 29	20 38.83	−16 47.9	1.509	2.446	11.2	21.0
9 8	20 34.06	−17 13.9	1.569	2.436	15.1	21.2

343884 2011 HQ_{84} 8 4.4 87°.85 2°.1/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.35	− 9 55.7	1.737	2.584	15.2	21.3
7 10	21 18.60	−10 5.4	1.671	2.594	11.8	21.1
7 20	21 11.71	−10 28.5	1.627	2.604	7.8	20.9
7 30	21 3.38	−11 2.6	1.607	2.614	3.8	20.7
8 9	20 54.53	−11 43.5	1.614	2.623	2.6	20.6
8 19	20 46.19	−12 26.6	1.647	2.633	6.3	20.9
8 29	20 39.32	−13 7.5	1.705	2.642	10.2	21.1
9 8	20 34.62	−13 42.6	1.786	2.652	13.6	21.4

477904 2011 KQ_{27} 8 4.4 24°.22 8°.0/ 8.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.28	+ 0 15.8	1.418	2.244	19.1	21.0
7 10	21 17.42	+ 1 10.1	1.358	2.251	15.9	20.8
7 20	21 11.15	+ 1 42.0	1.315	2.260	12.4	20.6
7 30	21 3.21	+ 1 49.0	1.292	2.269	9.3	20.5
8 9	20 54.67	+ 1 32.0	1.293	2.278	8.0	20.4
8 19	20 46.69	+ 0 54.8	1.317	2.289	9.3	20.5
8 29	20 40.37	+ 0 3.7	1.364	2.300	12.3	20.7
9 8	20 36.50	− 0 53.6	1.432	2.312	15.5	20.9

129567 1997 GR_{9} 8 4.4 83°.72 3°.7/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.33	−25 41.9	1.793	2.663	13.8	19.9
7 10	21 21.60	−26 15.9	1.737	2.675	10.4	19.7
7 20	21 13.57	−26 49.9	1.704	2.688	6.8	19.5
7 30	21 4.02	−27 17.9	1.696	2.701	4.0	19.4
8 9	20 54.04	−27 35.0	1.715	2.713	4.7	19.4
8 19	20 44.75	−27 38.4	1.761	2.726	8.0	19.7
8 29	20 37.18	−27 27.6	1.831	2.738	11.4	19.9
9 8	20 32.01	−27 4.0	1.922	2.750	14.3	20.1

393558 2003 GP_{31} 8 4.4 17°.27 6°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.21	−33 37.3	1.998	2.866	12.7	20.8
7 10	21 20.11	−34 35.5	1.938	2.867	10.0	20.7
7 20	21 12.72	−35 28.5	1.902	2.869	7.6	20.5
7 30	21 3.76	−36 9.4	1.890	2.871	6.5	20.5
8 9	20 54.25	−36 32.7	1.904	2.873	7.3	20.5
8 19	20 45.32	−36 35.9	1.943	2.875	9.6	20.7
8 29	20 37.99	−36 18.9	2.006	2.877	12.2	20.8
9 8	20 33.00	−35 44.4	2.090	2.880	14.7	21.0

224098 2005 OG_{15} 8 4.4 320°.73 6°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.94	−28 25.9	1.269	2.163	16.8	19.5
7 10	21 20.42	−29 24.7	1.195	2.144	13.1	19.2
7 20	21 13.61	−30 24.6	1.141	2.126	9.2	18.9
7 30	21 4.26	−31 15.8	1.109	2.108	6.7	18.8
8 9	20 53.75	−31 48.6	1.100	2.091	8.0	18.8
8 19	20 43.77	−31 57.0	1.113	2.075	11.9	18.9
8 29	20 35.97	−31 39.3	1.147	2.060	16.2	19.1
9 8	20 31.51	−30 58.8	1.199	2.045	20.1	19.4

128524 2004 PR_{43} 8 4.4 71°.32 1°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.31	−12 57.9	2.181	3.029	12.5	20.1
7 10	21 16.74	−13 7.9	2.108	3.033	9.6	20.0
7 20	21 10.42	−13 26.7	2.057	3.037	6.2	19.8
7 30	21 2.92	−13 51.8	2.032	3.041	2.5	19.5
8 9	20 54.98	−14 20.0	2.034	3.045	1.8	19.5
8 19	20 47.40	−14 48.2	2.065	3.050	5.3	19.7
8 29	20 40.98	−15 13.3	2.121	3.054	8.7	20.0
9 8	20 36.31	−15 33.2	2.202	3.058	11.7	20.2

90519 2004 EA_{64} 8 4.4 302°.82 5°.4/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.50	− 1 22.5	1.848	2.664	15.7	18.4
7 10	21 16.01	− 1 19.1	1.737	2.632	13.0	18.2
7 20	21 10.38	− 1 35.4	1.647	2.599	9.9	17.9
7 30	21 3.04	− 2 12.6	1.580	2.566	6.8	17.6
8 9	20 54.76	− 3 9.1	1.537	2.533	5.5	17.5
8 19	20 46.49	− 4 20.9	1.520	2.500	7.4	17.5
8 29	20 39.30	− 5 42.0	1.529	2.468	11.0	17.7
9 8	20 34.10	− 7 5.1	1.560	2.435	14.7	17.8

66653 1999 RS_{254} 8 4.4 67°.40 1°.2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.26	−10 11.9	2.198	3.041	12.6	19.5
7 10	21 15.23	−10 51.8	2.122	3.043	9.7	19.3
7 20	21 9.51	−11 43.8	2.068	3.046	6.3	19.1
7 30	21 2.61	−12 45.1	2.040	3.048	2.8	18.9
8 9	20 55.23	−13 51.2	2.040	3.051	1.8	18.8
8 19	20 48.15	−14 57.3	2.068	3.053	5.3	19.0
8 29	20 42.14	−15 58.9	2.123	3.056	8.7	19.3
9 8	20 37.81	−16 52.6	2.202	3.059	11.7	19.5

159381 1998 FB 8 4.4 99°.29 3°.4/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.36	−23 24.8	1.725	2.598	14.1	19.9
7 10	21 20.32	−24 11.9	1.663	2.603	10.6	19.7
7 20	21 12.90	−25 2.1	1.622	2.608	6.8	19.4
7 30	21 3.84	−25 49.1	1.607	2.613	3.7	19.3
8 9	20 54.20	−26 26.8	1.617	2.618	4.5	19.3
8 19	20 45.13	−26 51.0	1.654	2.623	8.1	19.6
8 29	20 37.71	−26 59.8	1.716	2.628	11.7	19.8
9 8	20 32.71	−26 53.9	1.799	2.632	14.9	20.0

103687 2000 CL_{68} 8 4.4 39°.72 0°.2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.90	−15 6.4	1.780	2.641	14.3	19.7
7 10	21 18.31	−15 20.5	1.711	2.645	10.8	19.5
7 20	21 11.57	−15 43.5	1.663	2.648	6.9	19.2
7 30	21 3.36	−16 12.2	1.641	2.652	2.5	19.0
8 9	20 54.61	−16 42.3	1.645	2.656	2.0	18.9
8 19	20 46.34	−17 9.7	1.675	2.660	6.3	19.2
8 29	20 39.51	−17 31.3	1.731	2.664	10.3	19.5
9 8	20 34.85	−17 45.1	1.809	2.669	13.7	19.7

403312 2009 CH_{29} 8 4.4 202°.80 1°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.00	−18 49.8	2.387	3.239	11.4	22.6
7 10	21 18.72	−19 17.2	2.305	3.235	8.6	22.5
7 20	21 11.67	−19 49.4	2.246	3.231	5.4	22.2
7 30	21 3.38	−20 23.1	2.215	3.226	2.0	22.0
8 9	20 54.58	−20 54.3	2.212	3.220	2.3	22.0
8 19	20 46.09	−21 19.9	2.238	3.214	5.7	22.2
8 29	20 38.70	−21 37.7	2.290	3.208	8.9	22.4
9 8	20 33.05	−21 46.6	2.367	3.201	11.8	22.6

396849 2004 RP_{284} 8 4.4 335°.70 0°.2/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 16.23	−15 56.3	1.402	2.290	15.9	19.6
7 10	21 14.13	−16 12.1	1.309	2.257	12.2	19.3
7 20	21 9.47	−16 39.8	1.235	2.226	7.8	19.0
7 30	21 2.77	−17 16.1	1.184	2.196	2.8	18.6
8 9	20 55.03	−17 55.6	1.156	2.167	2.6	18.5
8 19	20 47.47	−18 32.5	1.151	2.140	7.9	18.7
8 29	20 41.44	−19 1.4	1.169	2.114	13.0	18.9
9 8	20 38.02	−19 18.7	1.206	2.090	17.5	19.1

171168 2005 GT_{137} 8 4.4 337°.17 3°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.08	− 7 54.1	1.814	2.656	14.9	20.4
7 10	21 16.94	− 7 50.4	1.736	2.653	11.7	20.2
7 20	21 10.75	− 8 0.8	1.678	2.650	8.1	20.0
7 30	21 3.09	− 8 24.1	1.645	2.647	4.5	19.8
8 9	20 54.84	− 8 57.2	1.638	2.644	3.3	19.7
8 19	20 46.95	− 9 36.4	1.657	2.642	6.3	19.9
8 29	20 40.36	−10 16.9	1.701	2.640	10.0	20.1
9 8	20 35.82	−10 54.8	1.768	2.638	13.5	20.3

113394 Niebur 8 4.4 307°.18 0°.7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.45	−17 19.1	1.821	2.687	13.8	20.0
7 10	21 18.06	−17 42.8	1.743	2.680	10.5	19.8
7 20	21 11.49	−18 14.1	1.687	2.674	6.5	19.6
7 30	21 3.37	−18 49.3	1.656	2.667	2.3	19.3
8 9	20 54.61	−19 23.6	1.651	2.661	2.4	19.3
8 19	20 46.22	−19 52.6	1.673	2.655	6.6	19.5
8 29	20 39.23	−20 13.4	1.720	2.649	10.6	19.8
9 8	20 34.40	−20 24.2	1.789	2.644	14.1	20.0

167411 2003 WW_{130} 8 4.4 310°.71 4°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.53	−25 54.0	1.773	2.649	13.7	19.8
7 10	21 19.78	−26 41.2	1.703	2.644	10.4	19.6
7 20	21 12.63	−27 29.6	1.655	2.639	6.9	19.4
7 30	21 3.78	−28 13.0	1.632	2.635	4.4	19.3
8 9	20 54.27	−28 45.1	1.635	2.631	5.3	19.3
8 19	20 45.24	−29 2.0	1.664	2.627	8.6	19.5
8 29	20 37.82	−29 2.1	1.717	2.623	12.1	19.7
9 8	20 32.80	−28 46.4	1.791	2.619	15.2	19.9

136150 2003 TJ 8 4.4 293°.80 16°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 50.28	−54 40.3	1.499	2.309	19.0	19.3
7 10	21 42.14	−56 11.4	1.427	2.278	17.7	19.1
7 20	21 28.21	−57 20.1	1.373	2.247	17.0	18.9
7 30	21 9.67	−57 49.3	1.338	2.216	17.0	18.9
8 9	20 49.28	−57 25.9	1.322	2.184	18.0	18.8
8 19	20 30.49	−56 6.7	1.324	2.153	19.8	18.9
8 29	20 16.19	−53 58.5	1.344	2.121	22.1	18.9
9 8	20 7.71	−51 14.9	1.380	2.089	24.3	19.0

248971 2007 BD_{54} 8 4.4 205°.68 1°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.49	−17 45.9	2.309	3.167	11.6	20.8
7 10	21 16.16	−18 35.0	2.232	3.166	8.7	20.6
7 20	21 10.10	−19 30.9	2.179	3.165	5.4	20.4
7 30	21 2.84	−20 29.5	2.152	3.164	2.0	20.2
8 9	20 55.08	−21 26.1	2.154	3.162	2.4	20.2
8 19	20 47.61	−22 16.5	2.184	3.161	5.8	20.5
8 29	20 41.21	−22 57.4	2.240	3.159	9.0	20.7
9 8	20 36.50	−23 27.2	2.320	3.157	11.9	20.8

515857 2015 OJ_{77} 8 4.4 323°.03 3°.1/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.17	−25 22.9	2.056	2.924	12.4	20.5
7 10	21 19.16	−25 43.1	1.979	2.917	9.4	20.3
7 20	21 12.08	−26 3.5	1.925	2.910	6.1	20.1
7 30	21 3.55	−26 19.5	1.897	2.903	3.4	19.9
8 9	20 54.49	−26 27.1	1.896	2.896	4.1	20.0
8 19	20 45.85	−26 23.6	1.922	2.890	7.2	20.2
8 29	20 38.60	−26 8.3	1.974	2.884	10.5	20.3
9 8	20 33.43	−25 41.8	2.047	2.879	13.5	20.5

182217 2000 WR_{163} 8 4.4 245°.61 0°.4/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.21	−14 13.0	2.301	3.150	11.9	21.2
7 10	21 16.67	−14 29.7	2.218	3.145	9.1	21.0
7 20	21 10.41	−14 54.2	2.158	3.140	5.8	20.8
7 30	21 2.95	−15 24.2	2.124	3.134	2.2	20.6
8 9	20 54.99	−15 56.1	2.118	3.129	1.6	20.5
8 19	20 47.32	−16 26.8	2.140	3.124	5.3	20.8
8 29	20 40.71	−16 53.3	2.189	3.118	8.7	21.0
9 8	20 35.79	−17 13.6	2.261	3.113	11.7	21.1

289187 2004 VB_{84} 8 4.4 302°.71 1°.7/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.70	−20 14.7	2.189	3.054	11.9	21.0
7 10	21 16.47	−20 49.9	2.106	3.043	8.9	20.8
7 20	21 10.38	−21 30.0	2.046	3.033	5.6	20.6
7 30	21 2.96	−22 11.2	2.012	3.022	2.3	20.4
8 9	20 54.98	−22 48.8	2.006	3.012	2.9	20.4
8 19	20 47.28	−23 19.1	2.026	3.002	6.3	20.6
8 29	20 40.72	−23 39.6	2.073	2.992	9.7	20.8
9 8	20 35.98	−23 49.2	2.143	2.982	12.7	21.0

323606 2004 TU_{344} 8 4.4 223°.55 4°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.35	−33 11.5	3.066	3.917	9.2	21.9
7 10	21 18.80	−33 58.3	2.987	3.907	7.3	21.8
7 20	21 11.65	−34 41.6	2.932	3.896	5.5	21.6
7 30	21 3.38	−35 17.2	2.905	3.884	4.6	21.6
8 9	20 54.64	−35 41.3	2.906	3.872	5.2	21.6
8 19	20 46.17	−35 51.8	2.935	3.860	7.0	21.7
8 29	20 38.69	−35 48.0	2.989	3.847	9.0	21.8
9 8	20 32.77	−35 31.0	3.067	3.834	10.9	21.9

95844 2003 FE_{114} 8 4.4 37°.10 0°.8/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.33	−14 0.0	1.217	2.095	18.5	20.0
7 10	21 20.97	−14 8.6	1.157	2.098	14.2	19.7
7 20	21 13.64	−14 30.8	1.115	2.102	9.1	19.5
7 30	21 4.19	−15 2.8	1.095	2.106	3.5	19.2
8 9	20 53.97	−15 38.4	1.099	2.111	2.6	19.1
8 19	20 44.47	−16 11.9	1.127	2.115	8.1	19.5
8 29	20 37.08	−16 38.4	1.177	2.120	13.2	19.8
9 8	20 32.71	−16 55.1	1.248	2.125	17.5	20.0

69681 1998 HN_{17} 8 4.4 115°.45 0°.3/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.32	−14 56.0	1.619	2.476	15.7	19.3
7 10	21 22.45	−15 10.2	1.559	2.490	11.9	19.1
7 20	21 14.19	−15 34.0	1.521	2.504	7.5	18.8
7 30	21 4.30	−16 3.4	1.507	2.518	2.7	18.6
8 9	20 53.92	−16 33.8	1.520	2.532	2.2	18.6
8 19	20 44.21	−17 0.6	1.560	2.544	6.8	18.9
8 29	20 36.26	−17 21.0	1.625	2.557	11.0	19.2
9 8	20 30.80	−17 33.0	1.713	2.568	14.6	19.4

236652 2006 KH_{85} 8 4.4 77°.87 0°.6/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.26	−15 30.1	1.790	2.653	14.2	20.7
7 10	21 17.82	−16 18.6	1.727	2.663	10.6	20.5
7 20	21 11.27	−17 17.2	1.686	2.672	6.6	20.3
7 30	21 3.28	−18 20.8	1.670	2.682	2.3	20.0
8 9	20 54.76	−19 23.4	1.682	2.692	2.3	20.0
8 19	20 46.73	−20 19.6	1.720	2.702	6.5	20.3
8 29	20 40.13	−21 5.4	1.784	2.711	10.4	20.6
9 8	20 35.67	−21 38.6	1.870	2.721	13.7	20.8

255247 2005 UB_{500} 8 4.4 321°.15 0°.7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.74	−15 1.1	1.936	2.799	13.2	19.7
7 10	21 15.22	−15 58.3	1.853	2.789	10.0	19.5
7 20	21 9.72	−17 7.0	1.792	2.779	6.2	19.3
7 30	21 2.77	−18 22.7	1.757	2.769	2.2	19.0
8 9	20 55.16	−19 39.5	1.750	2.760	2.3	19.0
8 19	20 47.81	−20 51.1	1.769	2.751	6.4	19.2
8 29	20 41.65	−21 52.6	1.814	2.742	10.3	19.4
9 8	20 37.43	−22 41.0	1.882	2.734	13.6	19.6

56914 2000 QP_{203} 8 4.4 327°.72 0°.5/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.51	−16 14.5	1.913	2.777	13.3	19.3
7 10	21 16.51	−16 47.8	1.835	2.771	10.1	19.1
7 20	21 10.49	−17 30.0	1.779	2.766	6.3	18.8
7 30	21 3.03	−18 17.1	1.749	2.761	2.2	18.6
8 9	20 54.97	−19 4.2	1.745	2.756	2.2	18.6
8 19	20 47.26	−19 46.7	1.769	2.751	6.3	18.8
8 29	20 40.82	−20 20.9	1.817	2.747	10.1	19.0
9 8	20 36.38	−20 44.6	1.889	2.743	13.5	19.3

165008 2000 CJ_{45} 8 4.4 144°.40 2°.6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.98	− 5 56.1	2.510	3.323	12.1	21.6
7 10	21 16.99	− 6 15.8	2.435	3.335	9.5	21.5
7 20	21 10.50	− 6 47.8	2.383	3.345	6.6	21.3
7 30	21 2.97	− 7 30.4	2.357	3.355	3.8	21.1
8 9	20 55.06	− 8 20.7	2.360	3.365	2.7	21.1
8 19	20 47.47	− 9 15.0	2.392	3.374	4.9	21.3
8 29	20 40.86	−10 9.5	2.451	3.382	7.8	21.4
9 8	20 35.78	−11 0.7	2.536	3.390	10.5	21.6

220519 2004 EG_{54} 8 4.4 2°.50 5°.1/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.23	−26 32.8	1.284	2.174	16.9	19.7
7 10	21 21.75	−27 9.4	1.225	2.173	12.9	19.5
7 20	21 14.17	−27 46.2	1.186	2.173	8.6	19.2
7 30	21 4.40	−28 15.1	1.169	2.173	5.3	19.1
8 9	20 53.87	−28 28.9	1.176	2.174	6.3	19.1
8 19	20 44.15	−28 23.7	1.206	2.176	10.3	19.4
8 29	20 36.68	−27 59.2	1.258	2.178	14.5	19.6
9 8	20 32.35	−27 18.3	1.330	2.181	18.2	19.9

413196 2002 XU_{60} 8 4.4 168°.37 18°.0/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 40.57	−49 57.6	1.182	2.035	20.5	20.1
7 10	21 35.01	−52 57.1	1.154	2.038	18.8	20.0
7 20	21 23.84	−55 31.8	1.143	2.040	18.0	20.0
7 30	21 8.16	−57 22.3	1.152	2.042	18.3	20.0
8 9	20 50.64	−58 15.8	1.178	2.043	19.7	20.1
8 19	20 34.68	−58 10.8	1.221	2.043	21.5	20.2
8 29	20 23.16	−57 15.4	1.278	2.044	23.5	20.4
9 8	20 17.40	−55 43.0	1.347	2.044	25.3	20.6

172143 2002 JW_{80} 8 4.4 335°.63 0°.7/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.16	−17 32.1	1.134	2.027	18.4	19.1
7 10	21 19.00	−17 41.2	1.064	2.015	14.1	18.8
7 20	21 12.66	−18 0.9	1.013	2.005	8.9	18.4
7 30	21 3.94	−18 26.5	0.983	1.995	3.2	18.1
8 9	20 54.19	−18 51.5	0.975	1.986	3.1	18.0
8 19	20 45.01	−19 10.2	0.990	1.979	8.9	18.4
8 29	20 37.98	−19 18.6	1.027	1.972	14.4	18.6
9 8	20 34.16	−19 14.9	1.081	1.966	19.0	18.9

15424 1998 QE_{100} 8 4.4 260°.49 1°.8/ 3.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.45	−19 9.9	1.739	2.606	14.4	18.3
7 10	21 20.64	−19 50.6	1.650	2.588	10.9	18.0
7 20	21 13.34	−20 39.5	1.584	2.571	6.9	17.8
7 30	21 4.14	−21 31.5	1.542	2.553	2.7	17.5
8 9	20 54.02	−22 20.1	1.527	2.534	3.3	17.5
8 19	20 44.16	−23 0.0	1.538	2.515	7.7	17.7
8 29	20 35.77	−23 27.3	1.574	2.496	12.0	17.9
9 8	20 29.79	−23 40.7	1.632	2.476	15.7	18.1

478916 2012 XB_{2} 8 4.4 206°.34 4°.0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.05	− 4 8.5	2.248	3.059	13.4	21.9
7 10	21 17.32	− 4 1.0	2.161	3.056	10.8	21.7
7 20	21 10.85	− 4 7.3	2.097	3.052	7.8	21.5
7 30	21 3.14	− 4 26.9	2.057	3.048	5.1	21.3
8 9	20 54.91	− 4 58.0	2.045	3.044	4.0	21.2
8 19	20 46.95	− 5 37.4	2.060	3.039	5.9	21.3
8 29	20 40.04	− 6 21.2	2.102	3.034	8.8	21.5
9 8	20 34.82	− 7 5.5	2.168	3.028	11.8	21.7

331386 2012 EU_{12} 8 4.4 68°.68 2°.4/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.01	− 9 39.4	1.410	2.269	17.5	20.7
7 10	21 19.59	− 9 49.2	1.346	2.275	13.6	20.5
7 20	21 12.61	−10 15.8	1.302	2.281	9.1	20.3
7 30	21 3.82	−10 56.2	1.281	2.288	4.4	20.0
8 9	20 54.37	−11 45.5	1.284	2.294	3.0	19.9
8 19	20 45.50	−12 37.4	1.313	2.301	7.2	20.2
8 29	20 38.41	−13 26.3	1.365	2.308	11.8	20.5
9 8	20 33.93	−14 7.5	1.439	2.314	15.7	20.8

454172 2013 GL_{1} 8 4.4 347°.26 0°.4/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.03	−13 12.8	1.878	2.741	13.6	20.5
7 10	21 14.66	−13 45.5	1.801	2.734	10.4	20.3
7 20	21 9.35	−14 29.7	1.744	2.729	6.6	20.1
7 30	21 2.64	−15 22.1	1.713	2.724	2.5	19.8
8 9	20 55.35	−16 17.8	1.708	2.720	1.9	19.8
8 19	20 48.38	−17 11.7	1.730	2.716	6.0	20.0
8 29	20 42.64	−17 59.4	1.777	2.713	9.9	20.3
9 8	20 38.83	−18 37.6	1.846	2.710	13.3	20.5

400477 2008 GU_{57} 8 4.4 283°.04 2°.3/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.93	− 8 27.9	2.187	3.023	12.9	21.5
7 10	21 15.78	− 8 40.8	2.105	3.019	10.1	21.3
7 20	21 9.90	− 9 6.0	2.044	3.015	6.9	21.1
7 30	21 2.81	− 9 41.8	2.009	3.012	3.6	20.9
8 9	20 55.21	−10 25.0	2.000	3.009	2.5	20.8
8 19	20 47.89	−11 11.8	2.020	3.005	5.4	21.0
8 29	20 41.63	−11 58.3	2.066	3.002	8.7	21.2
9 8	20 37.07	−12 40.8	2.136	2.998	11.8	21.3

209413 2004 FJ_{24} 8 4.4 146°.80 0°.5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.00	−13 48.1	2.037	2.889	13.1	20.7
7 10	21 17.44	−14 7.7	1.961	2.890	10.0	20.5
7 20	21 10.98	−14 36.6	1.908	2.891	6.4	20.3
7 30	21 3.20	−15 11.7	1.881	2.891	2.4	20.0
8 9	20 54.91	−15 49.3	1.881	2.892	1.8	20.0
8 19	20 46.98	−16 25.3	1.908	2.893	5.7	20.3
8 29	20 40.28	−16 56.3	1.962	2.893	9.4	20.5
9 8	20 35.47	−17 20.2	2.039	2.894	12.6	20.7

144757 2004 HJ_{5} 8 4.4 177°.67 3°.1/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.50	− 7 29.1	1.951	2.778	14.6	20.8
7 10	21 20.12	− 7 26.8	1.872	2.780	11.5	20.6
7 20	21 12.70	− 7 38.1	1.814	2.782	7.9	20.4
7 30	21 3.83	− 8 1.5	1.782	2.782	4.4	20.2
8 9	20 54.38	− 8 34.2	1.777	2.783	3.3	20.1
8 19	20 45.31	− 9 12.5	1.799	2.782	6.2	20.3
8 29	20 37.55	− 9 52.1	1.848	2.781	9.8	20.5
9 8	20 31.82	−10 29.3	1.920	2.780	13.1	20.7

71354 2000 AO_{111} 8 4.4 311°.35 0°.0/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.71	−12 14.1	1.725	2.586	14.7	18.7
7 10	21 16.18	−13 21.6	1.644	2.578	11.2	18.4
7 20	21 10.45	−14 45.3	1.585	2.570	7.1	18.2
7 30	21 3.09	−16 20.2	1.551	2.562	2.5	17.9
8 9	20 54.97	−17 58.9	1.543	2.554	2.2	17.8
8 19	20 47.13	−19 33.5	1.563	2.547	6.8	18.1
8 29	20 40.63	−20 57.2	1.608	2.540	11.1	18.3
9 8	20 36.29	−22 5.7	1.676	2.533	14.8	18.6

295159 2008 FN_{63} 8 4.4 76°.81 5°.2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.36	+ 1 57.1	2.231	3.019	14.2	20.6
7 10	21 15.19	+ 1 44.8	2.163	3.035	11.7	20.5
7 20	21 9.44	+ 1 13.9	2.116	3.051	9.0	20.4
7 30	21 2.62	+ 0 24.9	2.092	3.066	6.5	20.2
8 9	20 55.44	− 0 39.2	2.095	3.082	5.2	20.2
8 19	20 48.61	− 1 54.0	2.125	3.098	6.2	20.3
8 29	20 42.85	− 3 14.2	2.182	3.114	8.6	20.4
9 8	20 38.71	− 4 34.0	2.264	3.129	11.1	20.6

172115 2002 GH_{112} 8 4.4 85°.95 2°.7/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.15	−19 37.4	1.395	2.273	16.5	20.3
7 10	21 21.30	−20 38.6	1.341	2.285	12.4	20.1
7 20	21 13.72	−21 48.0	1.308	2.297	7.7	19.8
7 30	21 4.24	−22 58.0	1.299	2.309	3.4	19.6
8 9	20 54.13	−24 0.1	1.316	2.321	4.2	19.7
8 19	20 44.75	−24 48.0	1.357	2.333	8.6	20.0
8 29	20 37.35	−25 18.4	1.422	2.345	12.9	20.3
9 8	20 32.76	−25 31.3	1.508	2.357	16.5	20.5

353113 2009 FV_{13} 8 4.4 230°.52 0°.1/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.43	−15 47.6	2.331	3.179	11.8	22.6
7 10	21 18.40	−16 9.7	2.241	3.168	9.0	22.4
7 20	21 11.57	−16 38.9	2.174	3.157	5.7	22.1
7 30	21 3.45	−17 12.2	2.134	3.145	2.0	21.9
8 9	20 54.75	−17 46.1	2.123	3.133	1.8	21.8
8 19	20 46.28	−18 17.2	2.139	3.121	5.5	22.1
8 29	20 38.89	−18 42.5	2.183	3.108	8.9	22.3
9 8	20 33.23	−19 0.4	2.251	3.095	12.0	22.4

218087 2002 GZ_{184} 8 4.4 2°.56 3°.7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.66	−24 40.5	1.705	2.588	13.8	19.4
7 10	21 16.88	−25 22.6	1.642	2.587	10.4	19.2
7 20	21 10.83	−26 6.8	1.600	2.587	6.8	19.0
7 30	21 3.19	−26 47.0	1.582	2.588	4.0	18.8
8 9	20 54.99	−27 17.5	1.590	2.589	4.8	18.9
8 19	20 47.31	−27 34.5	1.623	2.592	8.2	19.1
8 29	20 41.18	−27 36.1	1.680	2.595	11.7	19.3
9 8	20 37.36	−27 23.0	1.758	2.599	14.9	19.5

312789 2010 VW_{138} 8 4.4 109°.53 4°.1/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.89	− 3 10.9	2.401	3.209	12.8	20.2
7 10	21 15.56	− 3 0.8	2.321	3.211	10.3	20.0
7 20	21 9.69	− 3 4.1	2.262	3.213	7.6	19.9
7 30	21 2.74	− 3 20.4	2.229	3.215	5.1	19.7
8 9	20 55.38	− 3 48.0	2.222	3.217	4.1	19.6
8 19	20 48.29	− 4 24.2	2.242	3.219	5.6	19.7
8 29	20 42.17	− 5 5.3	2.290	3.221	8.2	19.9
9 8	20 37.59	− 5 47.6	2.362	3.223	10.9	20.1

378549 2008 CW_{80} 8 4.4 41°.07 2°.4/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.96	−20 2.6	1.243	2.130	17.5	20.9
7 10	21 20.62	−20 39.5	1.192	2.141	13.1	20.7
7 20	21 13.36	−21 23.7	1.162	2.153	8.2	20.5
7 30	21 4.13	−22 8.3	1.154	2.165	3.4	20.2
8 9	20 54.28	−22 45.9	1.170	2.177	4.0	20.3
8 19	20 45.29	−23 11.0	1.209	2.190	8.8	20.6
8 29	20 38.46	−23 21.2	1.272	2.204	13.3	20.9
9 8	20 34.60	−23 16.6	1.354	2.218	17.2	21.2

111404 2001 XZ_{177} 8 4.4 221°.54 0°.0/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.43	−15 27.1	2.251	3.104	12.0	20.6
7 10	21 16.90	−15 52.8	2.172	3.101	9.1	20.5
7 20	21 10.62	−16 26.1	2.115	3.099	5.7	20.2
7 30	21 3.11	−17 4.0	2.085	3.096	2.0	20.0
8 9	20 55.11	−17 42.5	2.083	3.093	1.8	20.0
8 19	20 47.41	−18 18.0	2.108	3.091	5.5	20.2
8 29	20 40.81	−18 47.6	2.160	3.088	8.9	20.4
9 8	20 35.94	−19 9.3	2.236	3.085	11.9	20.6

14841 1988 TU 8 4.4 292°.32 2°.4/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.44	−10 26.7	1.474	2.333	16.9	18.0
7 10	21 19.54	−10 26.1	1.379	2.308	13.3	17.7
7 20	21 12.91	−10 40.7	1.303	2.283	9.0	17.4
7 30	21 4.12	−11 9.2	1.250	2.257	4.4	17.0
8 9	20 54.18	−11 47.9	1.222	2.232	3.0	16.9
8 19	20 44.37	−12 31.5	1.218	2.206	7.7	17.1
8 29	20 36.09	−13 14.5	1.239	2.181	12.7	17.3
9 8	20 30.45	−13 51.9	1.280	2.156	17.2	17.5

61145 2000 NX_{8} 8 4.4 308°.73 0°.7/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.37	−16 5.3	1.226	2.107	18.2	17.8
7 10	21 21.43	−15 49.6	1.143	2.086	14.0	17.5
7 20	21 14.30	−15 43.1	1.078	2.066	9.1	17.1
7 30	21 4.65	−15 43.1	1.035	2.046	3.5	16.8
8 9	20 53.76	−15 45.5	1.015	2.026	2.7	16.7
8 19	20 43.23	−15 46.3	1.018	2.007	8.6	16.9
8 29	20 34.70	−15 42.2	1.044	1.989	14.2	17.2
9 8	20 29.36	−15 31.4	1.089	1.971	19.1	17.4

274975 2009 SE_{353} 8 4.4 166°.55 3°.3/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.39	− 6 55.1	1.897	2.726	14.9	21.7
7 10	21 19.35	− 6 54.7	1.821	2.729	11.7	21.5
7 20	21 12.26	− 7 8.7	1.765	2.732	8.2	21.3
7 30	21 3.73	− 7 35.9	1.735	2.735	4.7	21.1
8 9	20 54.63	− 8 13.1	1.731	2.737	3.4	21.0
8 19	20 45.91	− 8 56.3	1.755	2.738	6.2	21.2
8 29	20 38.53	− 9 41.1	1.804	2.739	9.8	21.4
9 8	20 33.18	−10 23.1	1.877	2.740	13.2	21.6

445757 2011 WR_{81} 8 4.4 262°.22 5°.5/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.88	− 0 23.1	2.184	2.983	14.2	21.7
7 10	21 16.51	+ 0 1.6	2.100	2.979	11.7	21.5
7 20	21 10.40	+ 0 10.6	2.036	2.976	9.0	21.3
7 30	21 3.05	+ 0 3.2	1.996	2.972	6.6	21.2
8 9	20 55.18	− 0 19.6	1.982	2.968	5.5	21.1
8 19	20 47.57	− 0 55.1	1.995	2.965	6.8	21.2
8 29	20 41.02	− 1 39.4	2.033	2.961	9.3	21.3
9 8	20 36.17	− 2 27.7	2.095	2.958	12.0	21.5

308957 2006 TA_{42} 8 4.5 4°.83 5°.3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.69	− 3 12.1	1.699	2.530	16.3	20.6
7 10	21 16.01	− 2 51.2	1.626	2.529	13.2	20.4
7 20	21 10.26	− 2 48.3	1.573	2.530	9.8	20.2
7 30	21 3.03	− 3 3.5	1.542	2.531	6.6	20.1
8 9	20 55.21	− 3 34.9	1.536	2.533	5.3	20.0
8 19	20 47.79	− 4 18.4	1.555	2.535	7.2	20.1
8 29	20 41.72	− 5 8.8	1.598	2.538	10.5	20.3
9 8	20 37.73	− 6 0.4	1.664	2.542	13.8	20.5

509737 2008 SU_{295} 8 4.5 269°.15 9°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 42.28	−44 4.3	2.046	2.872	14.0	21.9
7 10	21 33.62	−44 50.1	1.959	2.847	12.1	21.8
7 20	21 21.61	−45 22.4	1.895	2.821	10.4	21.6
7 30	21 7.16	−45 31.6	1.855	2.794	9.7	21.5
8 9	20 51.77	−45 10.9	1.840	2.767	10.5	21.5
8 19	20 37.13	−44 18.1	1.851	2.739	12.4	21.6
8 29	20 24.84	−42 56.3	1.886	2.710	14.8	21.7
9 8	20 15.92	−41 12.7	1.941	2.681	17.2	21.8

315059 2007 DK_{20} 8 4.5 285°.29 0°.0/ 4.4 18

6 30	21 20.51	−14 49.5	2.202	3.056	12.2	21.5
7 10	21 16.33	−15 15.6	2.114	3.044	9.3	21.3
7 20	21 10.35	−15 50.3	2.048	3.032	5.9	21.0
7 30	21 3.05	−16 30.7	2.008	3.019	2.1	20.8
8 9	20 55.18	−17 12.7	1.996	3.007	1.8	20.7
8 19	20 47.54	−17 52.5	2.011	2.995	5.6	20.9
8 29	20 40.97	−18 26.8	2.053	2.983	9.2	21.1
9 8	20 36.15	−18 53.1	2.119	2.970	12.3	21.3

478611 2012 TL_{151} 8 4.5 289°.84 1°.5/ 5.4 18

6 30	21 22.48	−11 51.8	1.765	2.619	14.7	21.3
7 10	21 18.33	−12 1.0	1.670	2.598	11.5	21.1
7 20	21 11.88	−12 22.5	1.596	2.576	7.6	20.8
7 30	21 3.68	−12 54.3	1.546	2.555	3.3	20.5
8 9	20 54.61	−13 32.4	1.522	2.533	2.3	20.4
8 19	20 45.73	−14 12.5	1.525	2.512	6.6	20.6
8 29	20 38.15	−14 49.8	1.553	2.490	11.0	20.8
9 8	20 32.76	−15 20.8	1.603	2.469	14.9	21.0

180451 2004 BR_{146} 8 4.5 136°.27 1°.1/ 3.8 17

6 30	21 27.46	−18 13.2	1.736	2.597	14.6	21.3
7 10	21 21.82	−18 41.0	1.671	2.606	11.0	21.1
7 20	21 13.86	−19 15.7	1.629	2.614	6.8	20.9
7 30	21 4.30	−19 52.4	1.611	2.623	2.5	20.6
8 9	20 54.19	−20 26.1	1.621	2.630	2.7	20.6
8 19	20 44.65	−20 52.3	1.658	2.637	7.0	20.9
8 29	20 36.75	−21 8.7	1.720	2.644	10.9	21.2
9 8	20 31.24	−21 14.3	1.804	2.650	14.4	21.4

143881 2003 YO_{29} 8 4.5 134°.64 0°.7/ 3.9 17

6 30	21 26.08	−16 9.5	1.717	2.577	14.8	20.7
7 10	21 20.82	−16 49.5	1.652	2.586	11.1	20.4
7 20	21 13.25	−17 38.9	1.609	2.595	6.9	20.2
7 30	21 4.09	−18 32.7	1.592	2.603	2.4	20.0
8 9	20 54.36	−19 25.1	1.601	2.611	2.4	20.0
8 19	20 45.15	−20 10.9	1.637	2.619	6.9	20.3
8 29	20 37.54	−20 46.2	1.699	2.626	10.9	20.5
9 8	20 32.26	−21 9.6	1.783	2.632	14.4	20.8

349858 2009 DJ_{26} 8 4.5 202°.07 2°.8/ 6.8 18

6 30	21 21.22	− 6 8.7	2.300	3.121	12.9	21.1
7 10	21 16.70	− 6 27.3	2.214	3.118	10.2	20.9
7 20	21 10.49	− 6 59.6	2.150	3.114	7.1	20.8
7 30	21 3.09	− 7 43.9	2.111	3.110	4.0	20.6
8 9	20 55.17	− 8 37.2	2.101	3.106	2.9	20.5
8 19	20 47.50	− 9 35.5	2.118	3.102	5.3	20.6
8 29	20 40.84	−10 34.4	2.163	3.097	8.5	20.8
9 8	20 35.82	−11 29.7	2.233	3.092	11.5	21.0

351018 2003 RU_{18} 8 4.5 304°.88 1°.6/ 3.7 18

6 30	21 25.28	−20 18.4	1.618	2.490	14.9	20.8
7 10	21 20.75	−20 25.8	1.524	2.464	11.4	20.5
7 20	21 13.57	−20 38.1	1.451	2.439	7.3	20.2
7 30	21 4.33	−20 51.2	1.402	2.413	2.8	19.8
8 9	20 54.08	−21 0.2	1.379	2.388	3.1	19.8
8 19	20 44.09	−21 1.4	1.382	2.363	7.8	20.0
8 29	20 35.67	−20 52.4	1.409	2.339	12.4	20.2
9 8	20 29.84	−20 32.9	1.456	2.314	16.5	20.4

134973 2001 FA 8 4.5 37°.64 1°.0/ 3.9 18

6 30	21 25.08	−17 49.4	1.158	2.046	18.5	19.2
7 10	21 20.78	−18 6.1	1.110	2.059	13.9	19.0
7 20	21 13.49	−18 32.3	1.082	2.073	8.6	18.7
7 30	21 4.20	−19 2.3	1.075	2.087	3.1	18.5
8 9	20 54.34	−19 29.6	1.092	2.103	3.1	18.5
8 19	20 45.42	−19 49.0	1.133	2.119	8.4	18.9
8 29	20 38.76	−19 57.4	1.195	2.135	13.2	19.2
9 8	20 35.13	−19 54.3	1.277	2.153	17.3	19.5

261997 2006 QA_{45} 8 4.5 311°.14 0°.2/ 4.3 18

6 30	21 20.76	−13 31.5	1.309	2.188	17.4	20.3
7 10	21 17.67	−14 21.9	1.231	2.175	13.3	20.0
7 20	21 11.78	−15 30.4	1.173	2.162	8.5	19.7
7 30	21 3.73	−16 51.7	1.137	2.149	3.0	19.3
8 9	20 54.64	−18 17.4	1.126	2.137	2.7	19.3
8 19	20 45.88	−19 38.3	1.138	2.125	8.3	19.6
8 29	20 38.90	−20 46.7	1.174	2.114	13.5	19.9
9 8	20 34.74	−21 38.0	1.229	2.103	17.9	20.1

104182 2000 EB_{96} 8 4.5 297°.36 3°.4/ 2.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.73	−23 35.1	1.464	2.344	15.8	19.4
7 10	21 22.04	−24 2.0	1.385	2.329	12.1	19.2
7 20	21 14.43	−24 32.2	1.327	2.315	7.8	18.9
7 30	21 4.65	−24 59.5	1.292	2.300	4.0	18.6
8 9	20 53.90	−25 17.2	1.282	2.286	4.8	18.6
8 19	20 43.63	−25 20.9	1.297	2.272	9.1	18.9
8 29	20 35.24	−25 8.8	1.335	2.258	13.6	19.1
9 8	20 29.76	−24 42.1	1.393	2.245	17.5	19.3

214897 2007 TN_{43} 8 4.5 224°.29 5°.5/ 1.2 17

6 30	21 28.17	−26 55.1	1.481	2.360	15.7	20.7
7 10	21 23.08	−28 0.9	1.415	2.357	12.0	20.4
7 20	21 15.05	−29 8.3	1.371	2.354	8.2	20.2
7 30	21 4.85	−30 8.4	1.350	2.350	5.6	20.1
8 9	20 53.78	−30 52.6	1.355	2.347	6.8	20.1
8 19	20 43.33	−31 15.7	1.384	2.343	10.4	20.3
8 29	20 34.89	−31 16.3	1.436	2.339	14.2	20.5
9 8	20 29.42	−30 56.8	1.508	2.334	17.7	20.8

94178 2001 AS_{33} 8 4.5 217°.33 1°.2/ 3.4 18

6 30	21 22.36	−19 59.4	2.769	3.620	10.1	20.6
7 10	21 17.35	−20 25.3	2.683	3.613	7.6	20.4
7 20	21 10.82	−20 54.7	2.621	3.605	4.7	20.2
7 30	21 3.21	−21 24.6	2.587	3.597	1.9	20.0
8 9	20 55.17	−21 51.7	2.581	3.588	2.2	20.0
8 19	20 47.36	−22 13.4	2.605	3.579	5.1	20.2
8 29	20 40.47	−22 27.9	2.656	3.570	8.0	20.3
9 8	20 35.07	−22 34.2	2.732	3.560	10.5	20.5

245354 2005 EW_{256} 8 4.5 259°.72 2°.9/ 6.5 18

6 30	21 21.52	− 7 26.6	1.949	2.784	14.3	21.2
7 10	21 17.22	− 7 32.2	1.867	2.780	11.3	21.0
7 20	21 10.97	− 7 51.9	1.806	2.776	7.8	20.8
7 30	21 3.32	− 8 24.3	1.770	2.772	4.3	20.5
8 9	20 55.07	− 9 6.2	1.761	2.767	3.1	20.5
8 19	20 47.13	− 9 53.6	1.778	2.763	6.0	20.6
8 29	20 40.40	−10 41.9	1.821	2.759	9.6	20.8
9 8	20 35.59	−11 26.7	1.888	2.754	12.9	21.0

326054 2011 AG_{11} 8 4.5 257°.45 1°.6/ 6.1 18

6 30	21 19.36	− 8 35.4	2.819	3.643	10.7	21.4
7 10	21 15.13	− 9 6.1	2.714	3.623	8.3	21.2
7 20	21 9.47	− 9 47.7	2.633	3.604	5.6	21.0
7 30	21 2.75	−10 38.4	2.579	3.583	2.8	20.8
8 9	20 55.53	−11 35.3	2.554	3.563	1.9	20.7
8 19	20 48.41	−12 34.8	2.558	3.542	4.5	20.9
8 29	20 42.04	−13 33.3	2.590	3.520	7.5	21.0
9 8	20 36.98	−14 27.6	2.648	3.499	10.2	21.2

161493 2004 LL_{6} 8 4.5 344°.84 5°.7/31.0 18

6 30	21 23.05	−29 44.4	1.924	2.799	12.8	19.4
7 10	21 18.65	−30 56.7	1.860	2.797	9.9	19.2
7 20	21 11.98	−32 7.9	1.819	2.795	7.2	19.1
7 30	21 3.69	−33 10.6	1.802	2.793	5.7	19.0
8 9	20 54.77	−33 58.4	1.812	2.791	6.7	19.0
8 19	20 46.29	−34 27.1	1.847	2.790	9.3	19.2
8 29	20 39.31	−34 35.5	1.906	2.789	12.2	19.4
9 8	20 34.60	−34 25.0	1.986	2.788	14.9	19.5

213867 2003 SA_{163} 8 4.5 336°.33 1°.5/ 5.2 18

6 30	21 20.06	−12 18.9	1.138	2.023	19.0	19.7
7 10	21 17.38	−12 29.1	1.067	2.012	14.7	19.4
7 20	21 11.70	−12 56.7	1.014	2.002	9.6	19.1
7 30	21 3.72	−13 38.8	0.982	1.993	4.0	18.7
8 9	20 54.72	−14 29.0	0.973	1.984	2.7	18.6
8 19	20 46.20	−15 20.0	0.986	1.977	8.4	18.9
8 29	20 39.68	−16 5.0	1.020	1.971	13.8	19.2
9 8	20 36.22	−16 38.9	1.073	1.965	18.6	19.5

149198 2002 PZ_{31} 8 4.5 331°.01 2°.2/ 5.5 17

6 30	21 21.24	−12 5.9	1.206	2.085	18.5	20.3
7 10	21 18.16	−11 56.9	1.131	2.072	14.4	20.0
7 20	21 12.14	−12 2.8	1.074	2.060	9.6	19.7
7 30	21 3.88	−12 22.0	1.039	2.048	4.4	19.3
8 9	20 54.60	−12 50.1	1.026	2.037	3.0	19.2
8 19	20 45.76	−13 21.5	1.036	2.027	8.2	19.5
8 29	20 38.84	−13 50.9	1.069	2.018	13.4	19.7
9 8	20 34.89	−14 13.5	1.120	2.010	18.1	20.0

303172 2004 EW_{108} 8 4.5 47°.00 2°.1/ 3.2 17

6 30	21 24.63	−21 35.2	1.793	2.663	13.8	21.0
7 10	21 19.63	−21 56.6	1.733	2.672	10.4	20.8
7 20	21 12.46	−22 21.2	1.695	2.682	6.5	20.6
7 30	21 3.83	−22 44.5	1.682	2.692	2.8	20.4
8 9	20 54.75	−23 2.1	1.696	2.703	3.3	20.4
8 19	20 46.27	−23 10.6	1.737	2.713	7.0	20.7
8 29	20 39.35	−23 8.8	1.802	2.724	10.7	20.9
9 8	20 34.67	−22 56.6	1.890	2.735	13.8	21.2

345835 2007 KB_7 8 4.5 40°.20 5°.8/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.32	−27 1.0	1.401	2.290	15.9	19.5
7 10	21 20.06	−28 18.3	1.356	2.302	12.1	19.3
7 20	21 13.02	−29 35.9	1.331	2.315	8.3	19.1
7 30	21 4.09	−30 44.3	1.329	2.328	5.9	19.0
8 9	20 54.56	−31 35.1	1.353	2.342	7.1	19.1
8 19	20 45.83	−32 3.7	1.400	2.357	10.4	19.4
8 29	20 39.13	−32 9.2	1.469	2.372	13.9	19.6
9 8	20 35.27	−31 54.1	1.557	2.387	17.0	19.9

191900 2005 BX_6 8 4.5 318°.61 4°.8/ 1.6 18

6 30	21 21.52	−24 18.7	1.378	2.270	15.9	18.9
7 10	21 18.50	−25 15.2	1.289	2.239	12.2	18.6
7 20	21 12.49	−26 18.6	1.221	2.210	8.1	18.3
7 30	21 4.08	−27 20.9	1.175	2.180	5.0	18.1
8 9	20 54.40	−28 13.0	1.152	2.152	6.2	18.1
8 19	20 44.93	−28 47.4	1.153	2.124	10.6	18.2
8 29	20 37.24	−28 59.8	1.176	2.097	15.2	18.4
9 8	20 32.54	−28 50.3	1.217	2.070	19.4	18.6

250600 2005 EG_{136} 8 4.5 113°.48 1°.5/ 3.6 17

6 30	21 28.35	−18 37.0	1.592	2.457	15.5	20.9
7 10	21 22.65	−19 9.9	1.534	2.471	11.6	20.7
7 20	21 14.45	−19 49.7	1.498	2.484	7.2	20.5
7 30	21 4.57	−20 31.1	1.486	2.497	2.7	20.2
8 9	20 54.16	−21 8.2	1.501	2.510	3.0	20.3
8 19	20 44.44	−21 36.3	1.543	2.522	7.4	20.6
8 29	20 36.53	−21 53.0	1.609	2.534	11.5	20.9
9 8	20 31.19	−21 57.7	1.697	2.545	15.0	21.1

443901 2002 CD_{70} 8 4.5 79°.53 2°.0/ 3.3 18

6 30	21 27.29	−23 11.6	2.171	3.029	12.2	20.6
7 10	21 21.20	−23 16.4	2.111	3.043	9.2	20.5
7 20	21 13.25	−23 21.7	2.074	3.058	5.8	20.3
7 30	21 4.09	−23 24.1	2.064	3.072	2.6	20.1
8 9	20 54.62	−23 20.6	2.082	3.087	3.0	20.1
8 19	20 45.74	−23 9.6	2.128	3.101	6.2	20.4
8 29	20 38.27	−22 50.5	2.200	3.116	9.3	20.6
9 8	20 32.79	−22 23.9	2.296	3.130	12.1	20.8

261271 2005 UQ_{120} 8 4.5 0°.08 7°.9/30.2 18

6 30	21 25.14	−35 40.9	1.750	2.624	13.9	19.8
7 10	21 20.51	−36 45.5	1.694	2.623	11.3	19.6
7 20	21 13.27	−37 43.0	1.658	2.622	8.9	19.5
7 30	21 4.20	−38 25.1	1.647	2.621	7.9	19.4
8 9	20 54.50	−38 45.5	1.660	2.622	8.8	19.5
8 19	20 45.46	−38 41.4	1.697	2.623	11.1	19.6
8 29	20 38.28	−38 13.6	1.756	2.624	13.8	19.8
9 8	20 33.75	−37 25.8	1.834	2.626	16.3	20.0

440634 2005 WN_{71} 8 4.5 267°.16 2°.9/ 6.5 16

6 30	21 21.96	− 7 45.1	2.407	3.231	12.3	21.3
7 10	21 17.29	− 7 31.9	2.309	3.215	9.7	21.1
7 20	21 10.92	− 7 29.0	2.234	3.199	6.8	20.9
7 30	21 3.33	− 7 35.6	2.184	3.182	4.0	20.7
8 9	20 55.18	− 7 50.3	2.162	3.166	3.0	20.6
8 19	20 47.20	− 8 10.8	2.168	3.149	5.4	20.7
8 29	20 40.17	− 8 34.1	2.200	3.133	8.5	20.9
9 8	20 34.73	− 8 57.4	2.258	3.116	11.4	21.0

382990 2005 EN_{73} 8 4.5 93°.23 0°.0/ 4.2 17

6 30	21 23.21	−14 44.5	1.937	2.792	13.6	21.2
7 10	21 18.41	−15 16.6	1.874	2.805	10.2	21.1
7 20	21 11.65	−15 57.8	1.833	2.817	6.4	20.9
7 30	21 3.57	−16 44.2	1.818	2.829	2.3	20.6
8 9	20 55.03	−17 31.1	1.831	2.842	1.9	20.6
8 19	20 46.97	−18 14.1	1.870	2.854	5.9	20.9
8 29	20 40.26	−18 49.6	1.936	2.865	9.6	21.2
9 8	20 35.55	−19 15.8	2.025	2.877	12.8	21.4

70438 1999 TX_6 8 4.5 248°.74 7°.0/30.4 18

6 30	21 29.36	−35 4.7	2.069	2.928	12.7	18.9
7 10	21 23.48	−36 6.1	1.993	2.915	10.2	18.7
7 20	21 15.10	−37 2.2	1.940	2.901	8.0	18.5
7 30	21 4.89	−37 45.5	1.912	2.887	7.0	18.4
8 9	20 53.90	−38 9.8	1.911	2.872	7.9	18.5
8 19	20 43.35	−38 11.8	1.935	2.857	10.2	18.6
8 29	20 34.42	−37 51.6	1.982	2.842	12.8	18.7
9 8	20 27.97	−37 12.1	2.051	2.827	15.3	18.9

57896 2002 CN_{201} 8 4.5 350°.44 0°.6/ 4.9 18 R

6 30	21 5.83	−10 41.5	0.891	1.806	20.1	17.3
7 10	21 7.02	−11 36.9	0.824	1.786	15.6	17.0
7 20	21 5.37	−13 1.7	0.774	1.770	10.1	16.6
7 30	21 1.52	−14 51.0	0.743	1.756	3.9	16.2
8 9	20 56.65	−16 53.2	0.732	1.745	2.8	16.1
8 19	20 52.25	−18 53.6	0.741	1.737	9.2	16.5
8 29	20 49.88	−20 38.1	0.769	1.732	15.2	16.8
9 8	20 50.65	−21 57.2	0.814	1.730	20.3	17.1

346658 2008 YA_7 8 4.5 219°.46 0°.0/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.55	−16 40.9	2.196	3.045	12.4	21.6
7 10	21 20.09	−16 46.0	2.111	3.039	9.4	21.4
7 20	21 12.71	−16 56.8	2.050	3.033	6.0	21.1
7 30	21 3.98	−17 10.7	2.015	3.026	2.1	20.9
8 9	20 54.69	−17 24.5	2.008	3.018	1.8	20.8
8 19	20 45.73	−17 35.5	2.029	3.011	5.7	21.1
8 29	20 37.98	−17 41.6	2.077	3.003	9.2	21.3
9 8	20 32.11	−17 41.5	2.149	2.995	12.4	21.5

34408 2000 RX_{94} 8 4.5 314°.28 1°.1/ 3.7 18

6 30	21 21.05	−17 55.7	1.948	2.813	13.1	18.7
7 10	21 17.00	−18 29.8	1.867	2.805	9.9	18.4
7 20	21 10.91	−19 11.3	1.809	2.796	6.2	18.2
7 30	21 3.36	−19 56.3	1.776	2.787	2.3	17.9
8 9	20 55.19	−20 39.6	1.770	2.779	2.5	17.9
8 19	20 47.32	−21 16.9	1.791	2.771	6.5	18.2
8 29	20 40.72	−21 44.9	1.837	2.763	10.2	18.4
9 8	20 36.12	−22 1.8	1.906	2.756	13.5	18.6

140149 2001 SZ_{162} 8 4.5 238°.60 0°.1/ 4.4 18

6 30	21 22.54	−15 54.2	2.188	3.041	12.3	19.6
7 10	21 17.85	−16 14.2	2.106	3.036	9.3	19.3
7 20	21 11.32	−16 41.5	2.047	3.030	5.9	19.1
7 30	21 3.48	−17 13.0	2.013	3.025	2.1	18.9
8 9	20 55.11	−17 45.0	2.008	3.019	1.8	18.8
8 19	20 47.03	−18 14.0	2.030	3.013	5.6	19.1
8 29	20 40.11	−18 37.1	2.079	3.007	9.2	19.3
9 8	20 34.98	−18 52.7	2.152	3.001	12.3	19.5

319356 2006 CX_{59} 8 4.5 185°.88 4°.2/ 1.1 18

6 30	21 25.26	−30 49.1	2.690	3.546	10.2	21.5
7 10	21 19.61	−31 20.2	2.619	3.545	7.9	21.3
7 20	21 12.26	−31 48.0	2.573	3.545	5.6	21.2
7 30	21 3.77	−32 8.3	2.554	3.545	4.2	21.1
8 9	20 54.90	−32 17.8	2.562	3.544	4.8	21.1
8 19	20 46.41	−32 14.5	2.599	3.543	6.9	21.2
8 29	20 39.09	−31 58.1	2.661	3.542	9.2	21.4
9 8	20 33.50	−31 30.0	2.747	3.541	11.4	21.5

80771 2000 CJ_{61} 8 4.5 255°.32 2°.6/ 5.9 18

6 30	21 25.10	− 9 50.9	1.718	2.563	15.5	19.2
7 10	21 20.31	− 9 46.7	1.629	2.550	12.2	18.9
7 20	21 13.16	− 9 55.6	1.561	2.536	8.3	18.7
7 30	21 4.22	−10 16.3	1.518	2.523	4.2	18.4
8 9	20 54.46	−10 45.7	1.500	2.509	3.0	18.3
8 19	20 44.97	−11 19.6	1.509	2.495	6.8	18.5
8 29	20 36.88	−11 53.6	1.543	2.480	11.0	18.7
9 8	20 31.09	−12 23.9	1.599	2.466	14.9	18.9

377097 2002 WQ_4 8 4.5 126°.85 1°.6/ 5.5 14 CR

6 30	21 36.24	−10 24.1	1.945	2.762	15.0	24.1
7 10	21 27.95	−10 48.1	1.887	2.794	11.5	23.9
7 20	21 17.49	−11 23.6	1.852	2.824	7.5	23.7
7 30	21 5.64	−12 7.1	1.845	2.852	3.3	23.5
8 9	20 53.43	−12 54.0	1.868	2.877	2.2	23.5
8 19	20 41.95	−13 39.6	1.920	2.901	6.0	23.8
8 29	20 32.15	−14 20.4	2.001	2.924	9.8	24.1
9 8	20 24.69	−14 53.9	2.107	2.944	12.9	24.3

523114 2016 SJ_{52} 8 4.5 268°.78 0°.5/ 4.1 18

6 30	21 23.57	−17 13.1	1.964	2.823	13.2	21.5
7 10	21 18.86	−17 31.6	1.881	2.815	10.0	21.3
7 20	21 12.07	−17 57.0	1.821	2.806	6.3	21.0
7 30	21 3.79	−18 26.0	1.786	2.798	2.2	20.7
8 9	20 54.87	−18 54.3	1.779	2.789	2.1	20.7
8 19	20 46.29	−19 18.2	1.799	2.781	6.3	21.0
8 29	20 39.00	−19 34.9	1.844	2.772	10.1	21.2
9 8	20 33.76	−19 42.9	1.912	2.763	13.5	21.4

404856 2014 KB_{17} 8 4.5 33°.18 5°.4/31.4 18

6 30	21 21.99	−27 53.9	1.762	2.642	13.5	20.2
7 10	21 17.89	−29 12.0	1.712	2.654	10.3	20.0
7 20	21 11.50	−30 29.5	1.685	2.665	7.2	19.9
7 30	21 3.56	−31 38.9	1.682	2.678	5.4	19.8
8 9	20 55.10	−32 33.1	1.706	2.691	6.5	19.9
8 19	20 47.21	−33 8.0	1.755	2.704	9.2	20.1
8 29	20 40.92	−33 22.4	1.827	2.718	12.2	20.3
9 8	20 36.95	−33 17.8	1.919	2.732	14.9	20.5

511889 2015 HT_6 8 4.5 49°.73 8°.5/ 9.9 17

6 30	21 22.90	+ 3 2.9	1.543	2.346	18.9	21.0
7 10	21 18.52	+ 3 52.4	1.485	2.360	15.9	20.8
7 20	21 11.89	+ 4 18.3	1.444	2.375	12.7	20.6
7 30	21 3.70	+ 4 18.2	1.425	2.390	9.8	20.5
8 9	20 54.99	+ 3 53.2	1.429	2.405	8.5	20.5
8 19	20 46.84	+ 3 7.3	1.456	2.420	9.4	20.6
8 29	20 40.27	+ 2 7.0	1.507	2.436	11.9	20.7
9 8	20 36.02	+ 1 0.0	1.580	2.452	14.7	21.0

492339 2014 FO_{33} 8 4.5 357°.54 18°.6/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 18.02	+22 19.1	1.089	1.823	28.9	21.3
7 10	21 16.00	+23 21.2	1.027	1.822	26.8	21.1
7 20	21 10.94	+23 34.9	0.974	1.821	24.4	20.9
7 30	21 3.54	+22 49.6	0.933	1.820	21.8	20.7
8 9	20 55.08	+21 0.5	0.906	1.820	19.7	20.6
8 19	20 47.07	+18 11.0	0.896	1.820	18.6	20.5
8 29	20 41.11	+14 34.7	0.906	1.821	19.1	20.6
9 8	20 38.30	+10 33.6	0.934	1.823	21.0	20.7

418253 2008 DU_{82} 8 4.5 147°.99 2°.3/ 2.9 17

6 30	21 27.93	−20 44.2	1.870	2.731	13.7	22.5
7 10	21 22.14	−21 28.8	1.805	2.740	10.3	22.3
7 20	21 14.10	−22 18.3	1.764	2.749	6.5	22.1
7 30	21 4.51	−23 7.2	1.748	2.757	2.9	21.9
8 9	20 54.37	−23 49.6	1.759	2.764	3.5	22.0
8 19	20 44.76	−24 21.5	1.798	2.771	7.2	22.2
8 29	20 36.71	−24 40.4	1.863	2.777	10.8	22.4
9 8	20 30.94	−24 46.3	1.950	2.783	14.0	22.7

216066 2006 QO_{13} 8 4.5 332°.61 3°.5/ 2.3 18

6 30	21 19.45	−19 9.4	1.160	2.058	17.7	19.4
7 10	21 17.07	−20 27.3	1.091	2.046	13.4	19.1
7 20	21 11.63	−21 59.9	1.041	2.034	8.5	18.8
7 30	21 3.80	−23 38.0	1.013	2.024	4.0	18.5
8 9	20 54.87	−25 10.1	1.009	2.014	5.3	18.6
8 19	20 46.38	−26 25.7	1.027	2.005	10.4	18.8
8 29	20 39.93	−27 18.2	1.066	1.997	15.4	19.1
9 8	20 36.64	−27 45.8	1.123	1.990	19.7	19.3

155866 2001 DW_{10} 8 4.5 129°.88 0°.7/ 5.2 18

6 30	21 20.73	−12 8.7	2.976	3.807	10.0	21.2
7 10	21 15.92	−12 36.9	2.906	3.823	7.6	21.1
7 20	21 9.84	−13 12.3	2.861	3.837	4.9	20.9
7 30	21 2.91	−13 52.7	2.843	3.851	2.0	20.7
8 9	20 55.69	−14 35.1	2.854	3.865	1.3	20.7
8 19	20 48.74	−15 16.8	2.895	3.879	4.1	20.9
8 29	20 42.64	−15 55.1	2.965	3.891	6.8	21.1
9 8	20 37.83	−16 28.1	3.060	3.904	9.1	21.3

49793 1999 XX_{31} 8 4.5 123°.14 0°.6/ 3.9 18

6 30	21 23.50	−15 38.5	2.391	3.237	11.6	18.7
7 10	21 18.30	−16 29.3	2.327	3.254	8.7	18.5
7 20	21 11.46	−17 27.4	2.288	3.271	5.4	18.3
7 30	21 3.52	−18 28.6	2.276	3.288	1.9	18.1
8 9	20 55.19	−19 28.6	2.294	3.304	1.9	18.1
8 19	20 47.25	−20 23.0	2.340	3.319	5.3	18.4
8 29	20 40.41	−21 8.9	2.414	3.333	8.4	18.6
9 8	20 35.26	−21 44.5	2.512	3.348	11.1	18.8

485246 2010 VP_{114} 8 4.5 268°.33 0°.2/ 4.4 17

6 30	21 21.93	−16 33.7	2.406	3.257	11.4	22.3
7 10	21 17.29	−16 47.7	2.316	3.245	8.6	22.1
7 20	21 10.94	−17 7.6	2.249	3.232	5.4	21.9
7 30	21 3.37	−17 30.8	2.208	3.219	1.9	21.6
8 9	20 55.28	−17 54.2	2.196	3.207	1.7	21.6
8 19	20 47.42	−18 14.9	2.212	3.194	5.3	21.8
8 29	20 40.57	−18 30.5	2.255	3.181	8.6	22.0
9 8	20 35.37	−18 39.5	2.321	3.168	11.6	22.1

218492 2004 TG_{54} 8 4.5 327°.26 0°.4/ 4.8 18

6 30	21 19.55	−14 22.0	1.881	2.743	13.6	20.4
7 10	21 15.95	−14 39.1	1.795	2.729	10.4	20.2
7 20	21 10.31	−15 6.1	1.730	2.715	6.7	20.0
7 30	21 3.19	−15 40.1	1.690	2.701	2.5	19.7
8 9	20 55.41	−16 17.0	1.676	2.688	1.9	19.6
8 19	20 47.90	−16 52.6	1.689	2.675	6.1	19.9
8 29	20 41.61	−17 23.1	1.727	2.663	10.1	20.1
9 8	20 37.32	−17 45.7	1.787	2.652	13.6	20.3

9310 1987 SV_{12} 8 4.5 333°.74 1°.3/ 3.6 18

6 30	21 19.48	−18 31.1	1.752	2.627	13.9	17.2
7 10	21 16.08	−19 1.0	1.669	2.612	10.5	17.0
7 20	21 10.48	−19 38.6	1.608	2.597	6.6	16.7
7 30	21 3.27	−20 19.7	1.572	2.583	2.5	16.4
8 9	20 55.35	−20 59.0	1.561	2.570	2.8	16.4
8 19	20 47.73	−21 31.7	1.576	2.558	7.0	16.6
8 29	20 41.48	−21 54.4	1.615	2.546	11.1	16.9
9 8	20 37.39	−22 5.3	1.676	2.535	14.7	17.1

78110 2002 MD 8 4.5 325°.40 1°.2/ 3.7 18

6 30	21 19.88	−15 8.4	1.246	2.133	17.6	18.9
7 10	21 17.16	−16 9.1	1.173	2.121	13.4	18.7
7 20	21 11.57	−17 27.3	1.118	2.109	8.4	18.3
7 30	21 3.76	−18 56.6	1.086	2.098	3.0	18.0
8 9	20 54.91	−20 27.3	1.078	2.088	3.3	18.0
8 19	20 46.45	−21 49.6	1.093	2.078	8.8	18.3
8 29	20 39.83	−22 55.7	1.131	2.069	14.0	18.5
9 8	20 36.14	−23 41.9	1.188	2.061	18.5	18.8

137679 1999 XC_{45} 8 4.5 337°.55 3°.6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 17.49	−21 6.3	1.001	1.912	18.8	18.8
7 10	21 16.01	−21 47.5	0.931	1.893	14.3	18.4
7 20	21 11.17	−22 39.1	0.879	1.874	9.2	18.1
7 30	21 3.69	−23 33.4	0.847	1.858	4.3	17.8
8 9	20 54.97	−24 20.3	0.836	1.843	5.4	17.8
8 19	20 46.74	−24 51.5	0.845	1.829	10.9	18.0
8 29	20 40.79	−25 2.0	0.873	1.818	16.3	18.3
9 8	20 38.33	−24 51.1	0.919	1.808	21.1	18.5

35037 1981 EC_{32} 8 4.5 349°.50 3°.5/ 6.9 18

6 30	21 21.53	− 6 31.7	2.133	2.959	13.5	19.4
7 10	21 17.05	− 6 14.7	2.052	2.958	10.8	19.2
7 20	21 10.81	− 6 10.0	1.994	2.957	7.7	19.0
7 30	21 3.33	− 6 17.0	1.960	2.956	4.7	18.8
8 9	20 55.35	− 6 34.0	1.953	2.956	3.6	18.8
8 19	20 47.68	− 6 58.2	1.973	2.955	5.8	18.9
8 29	20 41.14	− 7 26.3	2.020	2.955	9.0	19.1
9 8	20 36.34	− 7 54.6	2.090	2.954	11.9	19.3

121267 1999 RX_{106} 8 4.5 331°.04 0°.9/ 5.1 18

6 30	21 21.00	−13 18.6	2.022	2.875	13.2	19.9
7 10	21 16.81	−13 28.7	1.942	2.870	10.1	19.7
7 20	21 10.73	−13 48.1	1.884	2.865	6.5	19.5
7 30	21 3.32	−14 14.5	1.851	2.861	2.7	19.2
8 9	20 55.35	−14 44.3	1.846	2.857	1.8	19.1
8 19	20 47.71	−15 13.9	1.867	2.853	5.7	19.4
8 29	20 41.27	−15 40.1	1.914	2.849	9.4	19.6
9 8	20 36.69	−16 0.4	1.985	2.846	12.6	19.8

230360 2002 EK_{56} 8 4.5 189°.20 1°.8/ 5.8 18

6 30	21 23.81	−10 0.8	2.033	2.870	13.7	21.4
7 10	21 18.89	−10 14.7	1.953	2.870	10.6	21.2
7 20	21 12.03	−10 40.7	1.894	2.869	7.1	21.0
7 30	21 3.79	−11 16.5	1.862	2.868	3.4	20.8
8 9	20 54.97	−11 58.6	1.856	2.866	2.3	20.7
8 19	20 46.48	−12 42.7	1.878	2.864	5.7	20.9
8 29	20 39.22	−13 24.8	1.927	2.861	9.4	21.1
9 8	20 33.87	−14 1.7	2.000	2.858	12.7	21.3

50357 2000 CJ_{71} 8 4.5 205°.69 0°.9/ 5.1 18

6 30	21 25.89	−13 7.6	1.857	2.705	14.4	19.9
7 10	21 20.68	−13 21.2	1.776	2.702	11.0	19.7
7 20	21 13.26	−13 45.3	1.717	2.698	7.1	19.5
7 30	21 4.26	−14 17.0	1.683	2.693	2.9	19.2
8 9	20 54.58	−14 52.2	1.677	2.688	2.0	19.1
8 19	20 45.26	−15 26.7	1.697	2.682	6.3	19.4
8 29	20 37.34	−15 56.8	1.744	2.676	10.3	19.6
9 8	20 31.58	−16 19.9	1.814	2.670	13.9	19.8

483257 2015 TJ_{16} 8 4.5 247°.69 2°.6/ 2.5 17

6 30	21 23.51	−24 45.6	2.553	3.412	10.6	22.3
7 10	21 18.39	−25 9.8	2.472	3.405	8.0	22.1
7 20	21 11.58	−25 34.4	2.415	3.398	5.2	21.9
7 30	21 3.59	−25 56.0	2.385	3.391	2.8	21.7
8 9	20 55.15	−26 11.0	2.384	3.383	3.4	21.8
8 19	20 47.01	−26 17.0	2.410	3.376	6.1	21.9
8 29	20 39.96	−26 12.9	2.463	3.368	8.9	22.1
9 8	20 34.59	−25 58.8	2.540	3.361	11.5	22.3

423330 2005 GG_{21} 8 4.5 64°.17 5°.6/ 7.9 17

6 30	21 24.30	− 3 8.0	1.357	2.196	19.2	20.6
7 10	21 19.81	− 2 55.6	1.303	2.212	15.4	20.4
7 20	21 12.80	− 3 5.8	1.267	2.229	11.2	20.2
7 30	21 4.07	− 3 37.8	1.253	2.245	7.3	20.1
8 9	20 54.79	− 4 27.8	1.262	2.262	5.6	20.0
8 19	20 46.20	− 5 29.5	1.296	2.279	8.0	20.2
8 29	20 39.44	− 6 35.4	1.353	2.296	11.8	20.5
9 8	20 35.28	− 7 38.6	1.432	2.313	15.4	20.7

256386 2006 YZ_{37} 8 4.5 232°.28 1°.1/ 3.6 18

6 30	21 23.21	−19 23.4	2.528	3.381	10.9	21.8
7 10	21 18.17	−19 44.5	2.441	3.371	8.2	21.6
7 20	21 11.46	−20 9.6	2.378	3.362	5.1	21.4
7 30	21 3.56	−20 35.7	2.341	3.352	1.9	21.2
8 9	20 55.17	−20 59.4	2.333	3.342	2.2	21.2
8 19	20 47.03	−21 17.9	2.354	3.331	5.4	21.4
8 29	20 39.90	−21 29.3	2.402	3.320	8.5	21.6
9 8	20 34.39	−21 32.6	2.474	3.309	11.3	21.8

210302 2007 TR_{126} 8 4.5 290°.69 1°.6/ 3.4 18

6 30	21 22.96	−19 13.8	1.864	2.732	13.5	20.6
7 10	21 18.54	−19 48.8	1.786	2.725	10.2	20.4
7 20	21 11.95	−20 30.4	1.731	2.718	6.4	20.2
7 30	21 3.79	−21 14.0	1.700	2.711	2.5	19.9
8 9	20 54.98	−21 54.4	1.696	2.704	2.9	19.9
8 19	20 46.52	−22 27.0	1.719	2.698	6.9	20.1
8 29	20 39.44	−22 48.9	1.767	2.691	10.7	20.4
9 8	20 34.51	−22 58.8	1.838	2.684	14.1	20.6

502120 2015 BT_7 8 4.5 164°.83 1°.1/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.04	−11 32.2	1.657	2.511	15.6	21.2
7 10	21 19.47	−12 3.3	1.585	2.513	11.9	21.0
7 20	21 12.58	−12 48.5	1.533	2.514	7.7	20.8
7 30	21 4.02	−13 44.3	1.506	2.516	3.2	20.5
8 9	20 54.80	−14 44.9	1.506	2.517	2.1	20.4
8 19	20 46.00	−15 44.6	1.532	2.518	6.6	20.7
8 29	20 38.71	−16 37.9	1.583	2.519	10.9	21.0
9 8	20 33.74	−17 21.3	1.656	2.519	14.6	21.2

441381 2008 EL_{97} 8 4.5 18°.83 2°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.54	−23 32.3	1.974	2.837	13.1	20.4
7 10	21 21.72	−23 30.3	1.903	2.838	9.9	20.2
7 20	21 13.77	−23 28.6	1.855	2.840	6.3	20.0
7 30	21 4.40	−23 23.5	1.833	2.842	2.8	19.8
8 9	20 54.56	−23 11.9	1.838	2.844	3.2	19.8
8 19	20 45.28	−22 52.1	1.871	2.847	6.7	20.0
8 29	20 37.51	−22 23.8	1.930	2.849	10.2	20.3
9 8	20 31.93	−21 47.9	2.012	2.852	13.3	20.5

508992 2005 EU_{245} 8 4.5 343°.30 5°.4/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.57	−30 34.6	1.808	2.677	13.8	21.4
7 10	21 22.87	−31 8.2	1.742	2.676	10.7	21.2
7 20	21 14.68	−31 37.8	1.699	2.675	7.6	21.0
7 30	21 4.76	−31 57.1	1.680	2.674	5.6	20.9
8 9	20 54.26	−32 0.8	1.687	2.673	6.3	21.0
8 19	20 44.40	−31 46.5	1.719	2.672	9.1	21.1
8 29	20 36.32	−31 14.6	1.776	2.671	12.3	21.3
9 8	20 30.79	−30 28.0	1.854	2.671	15.2	21.5

384387 2009 VY_{70} 8 4.5 113°.08 6°.0/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.41	−29 3.9	1.742	2.616	14.0	21.1
7 10	21 21.38	−30 26.2	1.686	2.623	10.8	20.9
7 20	21 13.81	−31 47.6	1.652	2.629	7.7	20.7
7 30	21 4.48	−32 59.5	1.644	2.635	6.0	20.7
8 9	20 54.48	−33 54.4	1.661	2.641	7.1	20.7
8 19	20 45.07	−34 27.8	1.704	2.647	9.9	20.9
8 29	20 37.39	−34 38.7	1.770	2.653	13.0	21.1
9 8	20 32.27	−34 29.3	1.856	2.659	15.8	21.3

166569 2002 RH_{115} 8 4.5 314°.17 2°.4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.09	− 9 57.5	1.784	2.632	14.9	19.5
7 10	21 17.89	− 9 54.6	1.702	2.625	11.6	19.3
7 20	21 11.55	−10 4.4	1.642	2.618	7.8	19.0
7 30	21 3.67	−10 25.3	1.606	2.611	4.0	18.8
8 9	20 55.12	−10 54.2	1.596	2.605	2.8	18.7
8 19	20 46.91	−11 27.1	1.612	2.599	6.3	18.9
8 29	20 40.04	−12 0.1	1.654	2.593	10.3	19.1
9 8	20 35.28	−12 29.2	1.718	2.587	13.9	19.3

178372 1997 ER_{10} 8 4.5 5°.16 7°.4/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.10	−36 35.9	1.838	2.702	13.8	19.5
7 10	21 23.31	−37 12.1	1.779	2.702	11.1	19.3
7 20	21 14.94	−37 39.3	1.742	2.703	8.7	19.2
7 30	21 4.84	−37 50.4	1.728	2.704	7.5	19.1
8 9	20 54.24	−37 40.7	1.740	2.706	8.2	19.1
8 19	20 44.42	−37 8.6	1.777	2.708	10.4	19.3
8 29	20 36.52	−36 16.0	1.837	2.710	13.1	19.4
9 8	20 31.28	−35 7.1	1.918	2.714	15.6	19.6

72192 2000 YZ_{125} 8 4.5 131°.70 5°.4/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.46	−27 28.7	1.556	2.431	15.3	19.2
7 10	21 23.84	−28 28.7	1.498	2.437	11.7	19.0
7 20	21 15.43	−29 28.5	1.462	2.443	8.0	18.8
7 30	21 5.07	−30 19.7	1.450	2.449	5.5	18.7
8 9	20 54.04	−30 55.0	1.464	2.455	6.5	18.8
8 19	20 43.72	−31 10.2	1.503	2.460	9.8	19.0
8 29	20 35.41	−31 4.6	1.565	2.465	13.4	19.2
9 8	20 29.95	−30 41.0	1.647	2.470	16.6	19.4

513244 2006 BU_{11} 8 4.5 219°.26 0°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.78	−14 55.3	2.446	3.289	11.5	20.9
7 10	21 18.54	−14 46.1	2.364	3.287	8.8	20.7
7 20	21 11.66	−14 42.4	2.306	3.285	5.6	20.5
7 30	21 3.64	−14 42.5	2.274	3.283	2.2	20.3
8 9	20 55.20	−14 44.4	2.270	3.281	1.6	20.3
8 19	20 47.08	−14 46.0	2.296	3.279	5.0	20.5
8 29	20 40.03	−14 45.7	2.348	3.277	8.2	20.7
9 8	20 34.61	−14 42.1	2.426	3.275	11.0	20.9

478475 2012 QW_{27} 8 4.5 108°.87 3°.7/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.48	− 4 27.5	1.880	2.703	15.2	21.5
7 10	21 17.94	− 4 43.6	1.810	2.714	12.1	21.3
7 20	21 11.44	− 5 17.0	1.762	2.724	8.6	21.1
7 30	21 3.59	− 6 6.0	1.738	2.734	5.1	20.9
8 9	20 55.25	− 7 6.7	1.740	2.744	3.7	20.8
8 19	20 47.31	− 8 13.9	1.770	2.754	6.1	21.0
8 29	20 40.68	− 9 21.8	1.826	2.763	9.6	21.2
9 8	20 36.02	−10 25.5	1.905	2.773	12.8	21.5

371573 2006 VF_{115} 8 4.5 288°.24 1°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.31	−17 43.4	1.487	2.361	15.9	21.2
7 10	21 20.26	−18 18.7	1.400	2.342	12.1	20.9
7 20	21 13.44	−19 4.8	1.333	2.322	7.7	20.6
7 30	21 4.47	−19 56.6	1.291	2.302	2.9	20.3
8 9	20 54.44	−20 47.2	1.273	2.282	3.2	20.2
8 19	20 44.66	−21 30.2	1.280	2.262	8.2	20.5
8 29	20 36.52	−22 0.9	1.311	2.243	13.1	20.7
9 8	20 31.10	−22 17.1	1.362	2.223	17.3	20.9

91307 1999 FU_{48} 8 4.5 153°.36 6°.5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.51	−30 17.3	1.426	2.302	16.4	18.9
7 10	21 26.45	−31 4.2	1.367	2.304	12.7	18.6
7 20	21 17.21	−31 47.4	1.328	2.306	9.0	18.4
7 30	21 5.74	−32 17.9	1.313	2.308	6.6	18.3
8 9	20 53.53	−32 28.4	1.322	2.309	7.5	18.4
8 19	20 42.19	−32 15.7	1.356	2.311	10.9	18.6
8 29	20 33.18	−31 40.9	1.412	2.312	14.6	18.8
9 8	20 27.41	−30 48.5	1.488	2.313	17.9	19.0

513675 2011 WN_{76} 8 4.5 118°.20 8°.5/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.38	+14 54.6	2.908	3.581	13.6	21.8
7 10	21 17.23	+15 44.2	2.838	3.599	12.1	21.7
7 20	21 10.71	+16 15.3	2.788	3.617	10.6	21.6
7 30	21 3.28	+16 25.9	2.759	3.634	9.3	21.5
8 9	20 55.51	+16 15.7	2.754	3.650	8.6	21.5
8 19	20 48.01	+15 46.0	2.775	3.666	8.6	21.5
8 29	20 41.39	+15 0.1	2.820	3.682	9.4	21.6
9 8	20 36.13	+14 2.5	2.889	3.697	10.6	21.7

401581 2013 FP_{27} 8 4.5 2°.18 4°.5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.72	− 2 42.0	2.015	2.834	14.5	20.4
7 10	21 15.07	− 2 37.9	1.937	2.833	11.7	20.2
7 20	21 9.64	− 2 50.5	1.879	2.833	8.7	20.0
7 30	21 2.96	− 3 19.4	1.845	2.834	5.8	19.9
8 9	20 55.76	− 4 2.0	1.837	2.834	4.6	19.8
8 19	20 48.87	− 4 54.7	1.855	2.835	6.3	19.9
8 29	20 43.11	− 5 52.4	1.899	2.837	9.2	20.1
9 8	20 39.10	− 6 50.2	1.966	2.839	12.2	20.3

192228 2008 BE_{33} 8 4.5 308°.90 0°.4/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.91	−16 37.0	1.912	2.774	13.4	20.6
7 10	21 17.71	−16 55.4	1.828	2.763	10.2	20.4
7 20	21 11.44	−17 21.6	1.766	2.751	6.4	20.1
7 30	21 3.64	−17 52.2	1.729	2.740	2.3	19.8
8 9	20 55.20	−18 23.1	1.718	2.729	2.1	19.8
8 19	20 47.05	−18 50.3	1.735	2.719	6.3	20.1
8 29	20 40.19	−19 10.6	1.777	2.708	10.2	20.3
9 8	20 35.36	−19 22.1	1.841	2.698	13.7	20.5

447235 2005 UR_{165} 8 4.5 266°.51 5°.5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.05	+ 0 33.5	2.290	3.082	13.8	21.5
7 10	21 15.90	+ 0 50.5	2.202	3.076	11.4	21.4
7 20	21 10.11	+ 0 51.3	2.135	3.071	8.9	21.2
7 30	21 3.13	+ 0 35.5	2.093	3.066	6.5	21.0
8 9	20 55.64	+ 0 4.4	2.076	3.060	5.5	21.0
8 19	20 48.38	− 0 39.5	2.085	3.055	6.6	21.0
8 29	20 42.10	− 1 31.8	2.121	3.050	9.0	21.2
9 8	20 37.41	− 2 27.9	2.181	3.044	11.6	21.3

71960 2000 WV_{114} 8 4.5 248°.80 3°.9/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.93	−23 53.7	1.540	2.415	15.4	19.3
7 10	21 22.88	−24 41.7	1.465	2.406	11.7	19.0
7 20	21 15.00	−25 33.9	1.411	2.397	7.7	18.8
7 30	21 5.01	−26 23.0	1.381	2.388	4.3	18.6
8 9	20 54.10	−27 1.5	1.377	2.378	5.2	18.6
8 19	20 43.68	−27 24.1	1.399	2.368	9.2	18.8
8 29	20 35.09	−27 28.7	1.444	2.358	13.4	19.0
9 8	20 29.32	−27 16.0	1.509	2.348	17.1	19.3

476069 2007 SQ_{21} 8 4.5 275°.88 3°.0/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.53	− 7 58.2	1.959	2.794	14.3	21.2
7 10	21 18.16	− 7 54.8	1.864	2.777	11.3	21.0
7 20	21 11.75	− 8 4.6	1.790	2.759	7.9	20.7
7 30	21 3.79	− 8 26.7	1.740	2.742	4.4	20.5
8 9	20 55.10	− 8 58.5	1.718	2.724	3.2	20.4
8 19	20 46.60	− 9 36.6	1.722	2.706	6.2	20.5
8 29	20 39.26	−10 16.6	1.752	2.689	10.0	20.7
9 8	20 33.87	−10 54.4	1.805	2.671	13.5	20.9

121362 1999 TB_{61} 8 4.5 110°.49 0°.2/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.70	−16 38.9	2.299	3.151	11.8	20.2
7 10	21 17.82	−16 55.6	2.227	3.157	8.9	20.0
7 20	21 11.25	−17 18.2	2.180	3.163	5.6	19.8
7 30	21 3.52	−17 43.7	2.158	3.169	2.0	19.6
8 9	20 55.39	−18 8.9	2.165	3.175	1.7	19.6
8 19	20 47.63	−18 30.8	2.199	3.181	5.3	19.9
8 29	20 41.00	−18 47.0	2.261	3.187	8.6	20.1
9 8	20 36.09	−18 56.3	2.346	3.193	11.4	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
16178 2000 AT_{127}			8 4.5 191°.98		0°.3/ 4.8 18	
	h m	° ′			°	m
6 30	21 20.67	−14 19.4	2.696	3.539	10.6	19.1
7 10	21 16.12	−14 39.4	2.614	3.538	8.0	18.9
7 20	21 10.12	−15 6.1	2.556	3.536	5.1	18.7
7 30	21 3.12	−15 37.3	2.525	3.535	1.9	18.5
8 9	20 55.71	−16 9.9	2.522	3.533	1.4	18.4
8 19	20 48.55	−16 41.2	2.548	3.532	4.6	18.7
8 29	20 42.29	−17 8.5	2.602	3.529	7.6	18.9
9 8	20 37.45	−17 30.2	2.681	3.527	10.2	19.0
120415 6057 *P–L*			8 4.5 294°.28		1°.1/ 3.9 18	
6 30	21 25.34	−18 26.3	1.624	2.494	15.1	19.3
7 10	21 20.89	−18 41.2	1.529	2.468	11.5	19.0
7 20	21 13.79	−19 3.7	1.455	2.442	7.3	18.7
7 30	21 4.63	−19 29.6	1.405	2.416	2.7	18.3
8 9	20 54.42	−19 54.0	1.380	2.390	2.8	18.3
8 19	20 44.40	−20 12.0	1.381	2.364	7.7	18.5
8 29	20 35.89	−20 20.5	1.407	2.338	12.4	18.7
9 8	20 29.92	−20 18.2	1.454	2.312	16.5	18.9
476525 2008 GQ_{95}			8 4.5 43°.28		9°.3/28.9 16	
6 30	21 28.00	−41 0.0	1.859	2.718	13.9	20.3
7 10	21 22.58	−42 19.4	1.825	2.735	11.6	20.2
7 20	21 14.53	−43 26.4	1.812	2.752	9.9	20.1
7 30	21 4.74	−44 12.9	1.822	2.769	9.4	20.1
8 9	20 54.50	−44 33.3	1.856	2.786	10.2	20.2
8 19	20 45.11	−44 26.3	1.914	2.804	11.9	20.4
8 29	20 37.73	−43 54.0	1.993	2.822	13.9	20.5
9 8	20 33.07	−43 1.2	2.090	2.841	15.8	20.7
343258 2009 XC_{25}			8 4.5 176°.12		3°.7/ 7.2 18	
6 30	21 25.03	− 5 11.4	2.291	3.100	13.3	21.2
7 10	21 19.59	− 4 57.6	2.208	3.103	10.6	21.1
7 20	21 12.40	− 4 56.2	2.148	3.105	7.6	20.9
7 30	21 3.98	− 5 6.7	2.114	3.106	4.8	20.7
8 9	20 55.08	− 5 27.5	2.107	3.107	3.8	20.6
8 19	20 46.48	− 5 55.7	2.128	3.107	5.8	20.8
8 29	20 38.97	− 6 28.1	2.177	3.106	8.7	20.9
9 8	20 33.19	− 7 1.1	2.250	3.105	11.6	21.1
342442 2008 UY_{95}			8 4.5 1°.58		4°.5/ 7.5 17	
6 30	21 19.25	− 4 39.1	1.416	2.265	18.0	20.1
7 10	21 16.18	− 4 43.6	1.346	2.264	14.4	19.8
7 20	21 10.69	− 5 9.7	1.295	2.263	10.3	19.6
7 30	21 3.45	− 5 56.6	1.265	2.263	6.3	19.4
8 9	20 55.50	− 6 59.8	1.259	2.264	4.6	19.3
8 19	20 47.98	− 8 12.8	1.278	2.266	7.4	19.4
8 29	20 42.04	− 9 27.9	1.320	2.268	11.6	19.7
9 8	20 38.53	−10 38.0	1.384	2.271	15.5	19.9
11384 Sartre			8 4.5 326°.79		1°.7/ 5.4 18	
6 30	21 19.66	−11 42.2	1.231	2.111	18.2	18.7
7 10	21 17.04	−11 51.7	1.152	2.093	14.2	18.4
7 20	21 11.57	−12 18.4	1.091	2.077	9.4	18.1
7 30	21 3.88	−13 0.0	1.051	2.061	4.1	17.8
8 9	20 55.11	−13 50.9	1.035	2.046	2.7	17.6
8 19	20 46.68	−14 44.3	1.041	2.032	8.1	17.9
8 29	20 40.05	−15 33.1	1.069	2.019	13.4	18.1
9 8	20 36.31	−16 12.0	1.117	2.007	18.1	18.4
436535 2011 FO_{154}			8 4.5 47°.04		0°.7/ 4.9 16	
6 30	21 23.87	−13 34.4	1.430	2.298	16.8	21.1
7 10	21 19.45	−13 51.8	1.378	2.315	12.7	20.9
7 20	21 12.58	−14 21.5	1.347	2.332	8.1	20.7
7 30	21 4.07	−14 59.4	1.338	2.349	3.1	20.4
8 9	20 55.08	−15 40.0	1.355	2.367	2.2	20.4
8 19	20 46.80	−16 17.9	1.398	2.385	7.0	20.7
8 29	20 40.31	−16 49.0	1.464	2.404	11.3	21.0
9 8	20 36.35	−17 10.8	1.551	2.423	15.0	21.3
210712 2000 SB_{201}			8 4.5 48°.21		4°.4/ 2.5 17	
6 30	21 28.83	−24 49.6	1.272	2.157	17.3	20.2
7 10	21 23.80	−25 28.5	1.216	2.162	13.2	20.0
7 20	21 15.62	−26 9.5	1.180	2.167	8.6	19.7
7 30	21 5.24	−26 44.5	1.166	2.172	4.8	19.5
8 9	20 54.12	−27 6.0	1.177	2.178	5.7	19.6
8 19	20 43.87	−27 9.6	1.211	2.184	9.9	19.9
8 29	20 35.93	−26 54.7	1.268	2.189	14.2	20.1
9 8	20 31.17	−26 23.8	1.344	2.195	18.0	20.4
105888 2000 SP_{182}			8 4.5 181°.72		3°.1/ 1.7 18	
6 30	21 24.76	−27 15.7	2.913	3.765	9.6	20.4
7 10	21 19.16	−27 51.8	2.838	3.766	7.3	20.3
7 20	21 12.02	−28 27.1	2.789	3.766	4.9	20.1
7 30	21 3.83	−28 57.7	2.767	3.766	3.2	20.0
8 9	20 55.25	−29 20.3	2.775	3.766	3.8	20.1
8 19	20 46.98	−29 32.6	2.811	3.764	6.0	20.2
8 29	20 39.70	−29 33.8	2.874	3.763	8.4	20.3
9 8	20 33.97	−29 24.2	2.961	3.760	10.5	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
150232 1998 XO_1			8 4.5 185°.99		1°.1/ 5.3 18	
	h m	° ′			°	m
6 30	21 25.29	−12 2.6	1.909	2.754	14.2	21.1
7 10	21 20.18	−12 21.9	1.831	2.754	10.9	20.9
7 20	21 12.96	−12 52.6	1.775	2.754	7.1	20.7
7 30	21 4.24	−13 31.8	1.744	2.753	3.0	20.4
8 9	20 54.90	−14 15.2	1.740	2.751	2.0	20.3
8 19	20 45.93	−14 58.4	1.764	2.749	6.0	20.6
8 29	20 38.30	−15 37.4	1.815	2.747	10.0	20.8
9 8	20 32.74	−16 9.1	1.888	2.744	13.4	21.0
24450 Victorchang			8 4.5 320°.94		1°.2/ 3.7 18	
6 30	21 21.43	−18 16.8	1.869	2.737	13.4	18.6
7 10	21 17.43	−18 47.7	1.789	2.728	10.1	18.4
7 20	21 11.31	−19 26.0	1.731	2.719	6.4	18.2
7 30	21 3.66	−20 7.3	1.698	2.710	2.4	17.9
8 9	20 55.36	−20 46.7	1.692	2.701	2.6	17.9
8 19	20 47.39	−21 19.8	1.712	2.693	6.7	18.1
8 29	20 40.73	−21 43.4	1.757	2.685	10.5	18.3
9 8	20 36.16	−21 55.8	1.825	2.677	13.9	18.5
162104 1998 RM_7			8 4.5 248°.85		0°.6/ 4.1 18	
6 30	21 24.00	−17 10.6	1.934	2.793	13.4	20.7
7 10	21 19.25	−17 33.3	1.854	2.788	10.2	20.5
7 20	21 12.40	−18 3.3	1.797	2.782	6.4	20.3
7 30	21 4.04	−18 36.8	1.765	2.777	2.3	20.0
8 9	20 55.06	−19 9.6	1.761	2.771	2.2	20.0
8 19	20 46.44	−19 37.5	1.783	2.765	6.3	20.3
8 29	20 39.14	−19 57.6	1.832	2.759	10.2	20.5
9 8	20 33.91	−20 8.4	1.903	2.753	13.5	20.7
271665 2004 RA_{55}			8 4.5 11°.95		5°.4/ 2.0 16	
6 30	21 26.41	−27 37.7	1.324	2.212	16.6	19.8
7 10	21 21.91	−28 12.8	1.268	2.214	12.7	19.6
7 20	21 14.40	−28 46.6	1.232	2.217	8.6	19.4
7 30	21 4.79	−29 11.2	1.218	2.221	5.6	19.2
8 9	20 54.52	−29 19.8	1.229	2.225	6.5	19.3
8 19	20 45.07	−29 9.2	1.262	2.230	10.2	19.5
8 29	20 37.83	−28 39.6	1.319	2.236	14.1	19.8
9 8	20 33.64	−27 54.2	1.394	2.242	17.7	20.0
279856 2001 CR_{15}			8 4.5 177°.85		0°.9/ 3.6 18	
6 30	21 20.93	−17 41.7	2.671	3.522	10.4	20.7
7 10	21 16.39	−18 25.0	2.593	3.523	7.8	20.6
7 20	21 10.34	−19 14.0	2.539	3.524	4.8	20.4
7 30	21 3.25	−20 5.3	2.513	3.524	1.8	20.2
8 9	20 55.73	−20 54.8	2.516	3.524	2.0	20.2
8 19	20 48.46	−21 39.3	2.547	3.524	5.1	20.4
8 29	20 42.12	−22 16.0	2.606	3.524	8.0	20.6
9 8	20 37.24	−22 43.4	2.690	3.523	10.6	20.8
513819 2013 EE_{10}			8 4.5 145°.55		4°.1/ 8.7 18	
6 30	21 20.51	− 0 23.9	2.850	3.632	11.6	23.4
7 10	21 15.87	− 0 24.7	2.771	3.642	9.5	23.2
7 20	21 9.91	− 0 38.7	2.714	3.651	7.2	23.1
7 30	21 3.07	− 1 5.4	2.683	3.660	5.1	23.0
8 9	20 55.89	− 1 43.2	2.679	3.668	4.1	22.9
8 19	20 48.95	− 2 29.3	2.704	3.676	5.2	23.0
8 29	20 42.85	− 3 20.3	2.757	3.683	7.3	23.2
9 8	20 38.05	− 4 12.7	2.836	3.690	9.5	23.3
255245 2005 UJ_{495}			8 4.5 226°.18		1°.1/ 3.7 18	
6 30	21 24.02	−19 53.4	2.560	3.411	10.8	20.8
7 10	21 18.78	−20 7.5	2.474	3.404	8.1	20.6
7 20	21 11.88	−20 24.8	2.412	3.396	5.1	20.4
7 30	21 3.81	−20 42.5	2.377	3.388	2.0	20.2
8 9	20 55.28	−20 57.5	2.371	3.380	2.1	20.2
8 19	20 47.03	−21 7.4	2.394	3.371	5.3	20.4
8 29	20 39.80	−21 10.5	2.444	3.362	8.4	20.6
9 8	20 34.20	−21 6.2	2.518	3.353	11.1	20.7
431398 2007 GR_{17}			8 4.5 30°.07		1°.8/ 3.7 16	
6 30	21 24.93	−19 59.6	1.288	2.174	17.2	21.1
7 10	21 20.57	−20 14.1	1.238	2.185	12.9	20.9
7 20	21 13.43	−20 34.7	1.207	2.197	8.0	20.7
7 30	21 4.42	−20 56.0	1.199	2.210	3.1	20.4
8 9	20 54.87	−21 12.3	1.215	2.224	3.3	20.5
8 19	20 46.16	−21 19.6	1.255	2.239	8.1	20.8
8 29	20 39.52	−21 16.0	1.318	2.254	12.6	21.1
9 8	20 35.71	−21 1.4	1.401	2.270	16.4	21.4
511852 2015 FK_{340}			8 4.5 89°.55		5°.7/ 7.9 17	
6 30	21 24.88	− 2 28.5	1.799	2.613	16.2	20.7
7 10	21 19.84	− 1 50.3	1.730	2.621	13.2	20.6
7 20	21 12.72	− 1 28.7	1.681	2.630	9.9	20.4
7 30	21 4.15	− 1 24.5	1.655	2.638	6.9	20.2
8 9	20 55.05	− 1 36.6	1.654	2.646	5.8	20.2
8 19	20 46.40	− 2 2.0	1.680	2.654	7.4	20.3
8 29	20 39.15	− 2 36.4	1.731	2.662	10.4	20.5
9 8	20 34.00	− 3 14.7	1.804	2.670	13.5	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
248120 2004 RO_{195}			8 4.5	3°.72	0°.7/ 4.9	18
	h m	° ′			°	m
6 30	21 23.39	−14 46.7	2.293	3.139	12.1	20.0
7 10	21 18.39	−14 42.5	2.214	3.139	9.2	19.8
7 20	21 11.66	−14 44.6	2.159	3.139	5.9	19.6
7 30	21 3.75	−14 51.1	2.129	3.139	2.3	19.4
8 9	20 55.39	−14 59.6	2.128	3.139	1.6	19.3
8 19	20 47.38	−15 7.5	2.155	3.139	5.2	19.6
8 29	20 40.49	−15 13.0	2.209	3.139	8.5	19.8
9 8	20 35.32	−15 14.5	2.286	3.139	11.5	20.0
505388 2013 PD_{27}			8 4.5	47°.07	1°.2/ 5.1	17
6 30	21 27.22	−14 26.6	1.337	2.207	17.7	20.8
7 10	21 22.25	−14 14.9	1.277	2.213	13.5	20.5
7 20	21 14.51	−14 13.9	1.236	2.221	8.7	20.3
7 30	21 4.85	−14 20.8	1.218	2.228	3.5	20.0
8 9	20 54.53	−14 31.6	1.224	2.236	2.4	20.0
8 19	20 44.94	−14 42.2	1.256	2.244	7.5	20.3
8 29	20 37.34	−14 49.5	1.310	2.252	12.2	20.6
9 8	20 32.57	−14 51.2	1.386	2.260	16.3	20.9
90428 2004 BL_{30}			8 4.5	208°.43	0°.8/ 3.9	18
6 30	21 23.96	−17 57.9	2.493	3.341	11.1	21.2
7 10	21 18.79	−18 26.4	2.407	3.335	8.4	21.0
7 20	21 11.93	−19 0.3	2.345	3.329	5.2	20.8
7 30	21 3.86	−19 36.3	2.311	3.322	1.9	20.6
8 9	20 55.29	−20 10.7	2.305	3.315	2.0	20.6
8 19	20 46.96	−20 40.4	2.329	3.307	5.4	20.8
8 29	20 39.66	−21 2.8	2.379	3.298	8.6	21.0
9 8	20 34.01	−21 16.8	2.454	3.289	11.4	21.1
479298 2013 HY_{26}			8 4.5	156°.16	3°.3/ 7.8	18
6 30	21 20.55	− 3 32.5	2.883	3.680	11.1	22.3
7 10	21 15.90	− 3 32.0	2.801	3.687	8.9	22.2
7 20	21 9.95	− 3 42.8	2.743	3.693	6.5	22.0
7 30	21 3.10	− 4 4.4	2.711	3.698	4.3	21.9
8 9	20 55.92	− 4 34.8	2.706	3.703	3.4	21.8
8 19	20 48.97	− 5 11.8	2.731	3.708	4.8	21.9
8 29	20 42.83	− 5 52.2	2.783	3.712	7.1	22.1
9 8	20 37.99	− 6 33.0	2.861	3.716	9.4	22.3
448559 2010 RD_{124}			8 4.5	294°.31	3°.3/ 2.4	18
6 30	21 25.63	−25 48.7	2.145	3.009	12.1	21.6
7 10	21 20.29	−26 13.6	2.073	3.008	9.2	21.4
7 20	21 12.94	−26 38.4	2.025	3.008	6.0	21.2
7 30	21 4.23	−26 58.5	2.003	3.007	3.5	21.0
8 9	20 55.02	−27 9.7	2.008	3.006	4.1	21.1
8 19	20 46.27	−27 9.7	2.041	3.006	7.0	21.3
8 29	20 38.88	−26 57.5	2.099	3.005	10.2	21.5
9 8	20 33.51	−26 34.0	2.180	3.005	13.0	21.6
46918 1998 SC			8 4.5	62°.75	6°.3/31.7	18
6 30	21 28.16	−30 34.2	1.645	2.520	14.6	17.2
7 10	21 22.61	−31 41.5	1.606	2.542	11.3	17.1
7 20	21 14.52	−32 44.5	1.589	2.564	8.1	16.9
7 30	21 4.78	−33 34.9	1.596	2.587	6.3	16.9
8 9	20 54.64	−34 6.6	1.629	2.609	7.2	17.0
8 19	20 45.35	−34 16.6	1.687	2.632	9.9	17.2
8 29	20 38.02	−34 5.8	1.768	2.655	12.8	17.4
9 8	20 33.34	−33 37.2	1.870	2.677	15.5	17.6
257474 1994 WF_{8}			8 4.5	239°.78	3°.8/ 1.0	18
6 30	21 21.99	−25 47.4	2.298	3.165	11.3	21.2
7 10	21 17.57	−26 56.6	2.226	3.163	8.6	21.0
7 20	21 11.28	−28 7.7	2.179	3.160	5.8	20.8
7 30	21 3.65	−29 14.9	2.158	3.158	3.9	20.7
8 9	20 55.47	−30 12.7	2.165	3.155	4.8	20.8
8 19	20 47.58	−30 57.0	2.199	3.152	7.4	20.9
8 29	20 40.84	−31 25.5	2.259	3.150	10.2	21.1
9 8	20 35.94	−31 38.3	2.341	3.147	12.8	21.3
50439 2000 DW_{26}			8 4.5	247°.13	0°.6/ 5.0	18
6 30	21 21.78	−12 33.8	1.918	2.770	13.8	19.7
7 10	21 17.55	−13 6.4	1.841	2.769	10.5	19.5
7 20	21 11.33	−13 50.8	1.787	2.769	6.8	19.3
7 30	21 3.68	−14 43.4	1.759	2.769	2.7	19.0
8 9	20 55.45	−15 39.5	1.757	2.768	1.8	19.0
8 19	20 47.56	−16 34.0	1.782	2.768	5.9	19.2
8 29	20 40.94	−17 22.5	1.833	2.767	9.8	19.5
9 8	20 36.29	−18 1.9	1.908	2.767	13.2	19.7
106732 2000 WE_{184}			8 4.5	136°.45	2°.3/ 6.1	18
6 30	21 23.47	− 9 20.4	1.848	2.689	14.7	20.1
7 10	21 18.82	− 9 29.6	1.774	2.693	11.4	19.9
7 20	21 12.11	− 9 52.1	1.722	2.696	7.7	19.7
7 30	21 3.96	−10 25.9	1.694	2.699	3.9	19.5
8 9	20 55.23	−11 7.1	1.693	2.702	2.6	19.4
8 19	20 46.91	−11 51.4	1.719	2.705	6.0	19.6
8 29	20 39.93	−12 34.4	1.771	2.708	9.9	19.8
9 8	20 35.00	−13 12.2	1.846	2.711	13.3	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
504802 2010 CG_{20}			8 4.5	152°.00	0°.9/ 5.4	17
	h m	° ′			°	m
6 30	21 23.36	−10 39.4	2.325	3.158	12.4	22.6
7 10	21 18.34	−11 25.0	2.251	3.167	9.4	22.4
7 20	21 11.64	−12 22.0	2.199	3.176	6.1	22.2
7 30	21 3.75	−13 27.0	2.175	3.184	2.6	22.0
8 9	20 55.41	−14 35.5	2.180	3.191	1.6	21.9
8 19	20 47.38	−15 42.8	2.214	3.197	5.1	22.2
8 29	20 40.42	−16 44.6	2.275	3.203	8.4	22.4
9 8	20 35.14	−17 37.9	2.362	3.209	11.4	22.6
304351 2006 SK_{295}			8 4.5	286°.36	0°.7/ 5.0	18
6 30	21 22.11	−13 35.9	1.991	2.844	13.4	21.3
7 10	21 17.77	−13 51.8	1.908	2.837	10.2	21.1
7 20	21 11.46	−14 17.5	1.847	2.829	6.6	20.9
7 30	21 3.74	−14 50.1	1.812	2.822	2.6	20.6
8 9	20 55.40	−15 25.8	1.804	2.815	1.8	20.6
8 19	20 47.37	−16 0.6	1.822	2.808	5.8	20.8
8 29	20 40.56	−16 31.1	1.867	2.801	9.6	21.0
9 8	20 35.67	−16 54.6	1.935	2.794	13.0	21.2
268307 2005 QX_{128}			8 4.5	207°.76	1°.1/ 3.8	18
6 30	21 25.92	−17 47.6	1.912	2.770	13.6	21.7
7 10	21 20.77	−18 23.7	1.833	2.766	10.3	21.5
7 20	21 13.41	−19 7.4	1.776	2.761	6.4	21.2
7 30	21 4.46	−19 54.3	1.745	2.756	2.4	21.0
8 9	20 54.83	−20 39.1	1.741	2.750	2.6	21.0
8 19	20 45.55	−21 17.1	1.765	2.744	6.7	21.2
8 29	20 37.65	−21 45.1	1.815	2.738	10.6	21.5
9 8	20 31.91	−22 1.6	1.887	2.730	13.9	21.7
233544 2007 JY_{22}			8 4.5	354°.52	0°.4/ 4.7	18
6 30	21 21.91	−15 7.7	1.358	2.236	16.9	19.5
7 10	21 18.37	−15 14.3	1.290	2.232	12.9	19.3
7 20	21 12.18	−15 32.2	1.241	2.229	8.2	19.0
7 30	21 4.06	−15 57.9	1.215	2.227	3.1	18.7
8 9	20 55.18	−16 26.2	1.213	2.225	2.3	18.6
8 19	20 46.84	−16 52.2	1.236	2.224	7.5	18.9
8 29	20 40.29	−17 11.6	1.281	2.225	12.3	19.2
9 8	20 36.40	−17 22.0	1.347	2.226	16.4	19.5
319567 2006 ST_{63}			8 4.6	314°.98	1°.9/ 5.7	18
6 30	21 21.15	−10 4.3	1.336	2.204	17.8	20.2
7 10	21 17.96	−10 29.5	1.258	2.193	13.8	19.9
7 20	21 12.06	−11 14.0	1.199	2.182	9.2	19.6
7 30	21 4.09	−12 14.7	1.162	2.171	4.2	19.3
8 9	20 55.15	−13 25.5	1.150	2.161	2.6	19.2
8 19	20 46.55	−14 38.6	1.161	2.151	7.6	19.4
8 29	20 39.66	−15 46.3	1.196	2.142	12.7	19.7
9 8	20 35.48	−16 42.7	1.251	2.133	17.1	19.9
35711 1999 FZ_{29}			8 4.6	49°.49	3°.5/ 2.8	18
6 30	21 26.52	−21 29.1	1.167	2.058	18.2	18.4
7 10	21 22.11	−22 20.0	1.120	2.070	13.7	18.2
7 20	21 14.58	−23 17.4	1.093	2.083	8.6	18.0
7 30	21 4.91	−24 12.7	1.087	2.097	4.1	17.8
8 9	20 54.60	−24 57.3	1.105	2.110	5.0	17.9
8 19	20 45.22	−25 25.2	1.147	2.125	9.6	18.2
8 29	20 38.17	−25 34.5	1.210	2.139	14.2	18.5
9 8	20 34.28	−25 26.1	1.293	2.154	18.0	18.8
440858 2006 SS_{277}			8 4.6	224°.99	0°.1/ 4.7	18
6 30	21 22.14	−14 31.2	2.076	2.929	12.9	21.5
7 10	21 17.70	−14 58.5	1.998	2.927	9.8	21.3
7 20	21 11.37	−15 34.8	1.942	2.925	6.2	21.1
7 30	21 3.71	−16 17.0	1.913	2.924	2.3	20.8
8 9	20 55.50	−17 0.6	1.910	2.922	1.8	20.8
8 19	20 47.62	−17 41.7	1.936	2.920	5.7	21.0
8 29	20 40.92	−18 16.7	1.987	2.918	9.4	21.2
9 8	20 36.08	−18 43.3	2.062	2.916	12.5	21.4
152393 2005 UL_{245}			8 4.6	299°.84	5°.5/31.5	18
6 30	21 24.82	−31 4.7	2.089	2.957	12.2	19.8
7 10	21 19.98	−31 55.6	2.014	2.946	9.6	19.6
7 20	21 12.94	−32 43.9	1.961	2.934	7.0	19.4
7 30	21 4.31	−33 23.5	1.934	2.923	5.5	19.3
8 9	20 55.03	−33 48.8	1.933	2.912	6.4	19.3
8 19	20 46.13	−33 56.6	1.958	2.901	8.8	19.5
8 29	20 38.65	−33 46.1	2.007	2.890	11.7	19.6
9 8	20 33.35	−33 19.0	2.078	2.879	14.3	19.8
220233 2002 WU_{14}			8 4.6	300°.40	1°.5/ 5.5	17
6 30	21 21.59	−10 53.5	1.438	2.303	16.9	20.7
7 10	21 18.27	−11 17.6	1.347	2.281	13.2	20.4
7 20	21 12.30	−11 59.5	1.276	2.259	8.8	20.1
7 30	21 4.21	−12 56.6	1.228	2.237	3.8	19.8
8 9	20 55.03	−14 3.2	1.204	2.216	2.5	19.6
8 19	20 46.02	−15 12.2	1.205	2.194	7.6	19.9
8 29	20 38.54	−16 16.4	1.230	2.173	12.7	20.1
9 8	20 33.68	−17 10.2	1.275	2.153	17.2	20.3

366014 2012 BP_{127} 8 4.6 114°.25 0°.8/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.25	−15 31.4	2.279	3.133	11.8	20.6
7 10	21 16.16	−16 34.3	2.203	3.135	8.9	20.4
7 20	21 10.35	−17 46.4	2.152	3.136	5.5	20.2
7 30	21 3.34	−19 3.2	2.127	3.138	2.0	20.0
8 9	20 55.82	−20 19.3	2.130	3.139	2.1	20.0
8 19	20 48.56	−21 29.6	2.162	3.141	5.7	20.2
8 29	20 42.35	−22 30.2	2.221	3.142	9.0	20.4
9 8	20 37.82	−23 18.6	2.304	3.144	11.9	20.6

273779 2007 EY_{209} 8 4.6 199°.03 0°.0/ 4.4 17

6 30	21 24.14	−13 37.2	1.847	2.701	14.2	21.0
7 10	21 19.46	−14 21.4	1.769	2.699	10.8	20.8
7 20	21 12.62	−15 17.5	1.713	2.696	6.9	20.5
7 30	21 4.21	−16 21.5	1.683	2.694	2.5	20.3
8 9	20 55.11	−17 27.6	1.679	2.690	2.0	20.2
8 19	20 46.35	−18 29.9	1.703	2.687	6.4	20.5
8 29	20 38.94	−19 23.7	1.753	2.683	10.4	20.7
9 8	20 33.66	−20 6.1	1.826	2.679	13.9	20.9

394591 2007 VK_{171} 8 4.6 341°.41 2°.3/ 3.2 18

6 30	21 24.20	−21 25.3	1.710	2.583	14.2	20.9
7 10	21 19.68	−21 50.5	1.638	2.579	10.7	20.7
7 20	21 12.81	−22 20.0	1.588	2.575	6.8	20.5
7 30	21 4.27	−22 48.9	1.562	2.572	3.0	20.2
8 9	20 55.09	−23 12.1	1.563	2.569	3.5	20.3
8 19	20 46.38	−23 25.7	1.589	2.567	7.4	20.5
8 29	20 39.24	−23 27.6	1.640	2.565	11.4	20.7
9 8	20 34.45	−23 17.7	1.713	2.563	14.8	20.9

343431 2010 DM_{43} 8 4.6 233°.61 0°.5/ 4.9 17

6 30	21 24.43	−14 29.2	1.892	2.746	13.9	22.0
7 10	21 19.61	−14 41.6	1.812	2.742	10.6	21.8
7 20	21 12.67	−15 3.0	1.755	2.737	6.8	21.5
7 30	21 4.21	−15 30.5	1.723	2.733	2.6	21.2
8 9	20 55.13	−16 0.2	1.717	2.728	1.9	21.2
8 19	20 46.41	−16 28.3	1.739	2.724	6.1	21.5
8 29	20 39.03	−16 51.4	1.786	2.719	10.1	21.7
9 8	20 33.73	−17 7.3	1.857	2.714	13.5	21.9

118584 2000 GE_{58} 8 4.6 26°.57 1°.9/ 5.6 17

6 30	21 22.26	−11 39.7	1.215	2.091	18.6	19.0
7 10	21 18.69	−11 42.5	1.161	2.100	14.3	18.7
7 20	21 12.36	−12 1.4	1.126	2.110	9.4	18.5
7 30	21 4.12	−12 33.0	1.112	2.121	4.2	18.2
8 9	20 55.25	−13 11.9	1.122	2.133	2.7	18.2
8 19	20 47.11	−13 51.9	1.155	2.145	7.6	18.5
8 29	20 40.94	−14 27.6	1.211	2.159	12.4	18.8
9 8	20 37.57	−14 54.9	1.287	2.173	16.5	19.1

322732 2000 SY_{195} 8 4.6 313°.31 1°.9/ 5.5 18

6 30	21 20.90	−11 40.6	1.171	2.052	18.8	20.8
7 10	21 18.31	−11 44.6	1.085	2.027	14.8	20.4
7 20	21 12.62	−12 6.4	1.016	2.002	9.9	20.1
7 30	21 4.42	−12 44.3	0.968	1.978	4.4	19.7
8 9	20 54.86	−13 33.1	0.942	1.954	2.9	19.5
8 19	20 45.47	−14 25.9	0.939	1.931	8.6	19.8
8 29	20 37.92	−15 15.1	0.958	1.909	14.4	20.0
9 8	20 33.50	−15 54.8	0.994	1.887	19.6	20.3

172693 2004 AV_{5} 8 4.6 107°.61 4°.7/ 7.8 18

6 30	21 24.26	− 3 20.0	2.138	2.945	14.2	20.1
7 10	21 19.07	− 2 52.0	2.067	2.957	11.4	19.9
7 20	21 12.12	− 2 37.9	2.018	2.968	8.5	19.8
7 30	21 3.97	− 2 38.0	1.993	2.978	5.8	19.6
8 9	20 55.39	− 2 50.7	1.995	2.989	4.7	19.6
8 19	20 47.20	− 3 13.7	2.025	3.000	6.3	19.7
8 29	20 40.19	− 3 43.2	2.080	3.010	9.1	19.9
9 8	20 34.98	− 4 15.3	2.160	3.020	11.8	20.1

58371 1995 QD_{7} 8 4.6 86°.39 7°.6/10.6 18

6 30	21 21.20	+ 5 3.1	1.808	2.590	17.3	20.0
7 10	21 17.18	+ 5 17.1	1.733	2.594	14.6	19.8
7 20	21 11.15	+ 5 7.3	1.676	2.598	11.8	19.6
7 30	21 3.68	+ 4 32.3	1.642	2.602	9.1	19.5
8 9	20 55.62	+ 3 34.0	1.631	2.607	7.7	19.4
8 19	20 47.92	+ 2 16.7	1.646	2.611	8.4	19.4
8 29	20 41.50	+ 0 47.4	1.685	2.615	10.8	19.6
9 8	20 37.09	− 0 46.0	1.748	2.619	13.6	19.8

398837 2013 CE_{17} 8 4.6 244°.33 2°.4/ 6.4 18

6 30	21 21.16	− 8 19.8	2.197	3.029	13.0	21.5
7 10	21 16.86	− 8 29.3	2.113	3.025	10.2	21.3
7 20	21 10.82	− 8 51.0	2.051	3.021	7.0	21.1
7 30	21 3.54	− 9 23.2	2.015	3.017	3.7	20.9
8 9	20 55.73	−10 3.1	2.005	3.013	2.6	20.8
8 19	20 48.19	−10 46.9	2.023	3.009	5.4	21.0
8 29	20 41.71	−11 30.8	2.068	3.004	8.7	21.2
9 8	20 36.93	−12 11.3	2.137	3.000	11.8	21.4

489287 2006 SD_{199} 8 4.6 354°.87 4°.5/ 6.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 12.56	− 7 55.8	0.879	1.780	21.7	21.5
7 10	21 12.23	− 7 39.9	0.820	1.770	17.3	21.2
7 20	21 8.78	− 7 49.0	0.777	1.762	12.1	20.9
7 30	21 2.97	− 8 23.1	0.751	1.757	6.8	20.6
8 9	20 56.16	− 9 17.1	0.744	1.754	4.7	20.5
8 19	20 49.94	−10 22.3	0.757	1.753	9.0	20.7
8 29	20 45.90	−11 28.4	0.789	1.754	14.5	21.0
9 8	20 45.08	−12 26.4	0.838	1.758	19.5	21.3

457588 2009 AM_{28} 8 4.6 44°.34 1°.5/ 5.2 17

6 30	21 28.27	−14 25.2	1.180	2.056	19.1	20.6
7 10	21 23.34	−14 5.2	1.124	2.064	14.6	20.3
7 20	21 15.35	−13 56.8	1.086	2.072	9.5	20.1
7 30	21 5.24	−13 57.2	1.070	2.080	3.9	19.8
8 9	20 54.44	−14 2.3	1.078	2.089	2.7	19.7
8 19	20 44.48	−14 8.3	1.110	2.099	8.1	20.1
8 29	20 36.78	−14 11.8	1.164	2.109	13.1	20.4
9 8	20 32.19	−14 10.3	1.238	2.119	17.4	20.7

28071 1998 QC_{26} 8 4.6 348°.06 1°.3/ 3.9 18

6 30	21 22.85	−19 8.3	1.450	2.331	15.9	18.2
7 10	21 19.02	−19 21.4	1.379	2.324	12.0	18.0
7 20	21 12.59	−19 41.4	1.329	2.319	7.6	17.7
7 30	21 4.26	−20 3.8	1.302	2.314	2.8	17.4
8 9	20 55.19	−20 23.3	1.300	2.310	2.9	17.4
8 19	20 46.64	−20 35.5	1.322	2.307	7.7	17.7
8 29	20 39.84	−20 37.9	1.368	2.304	12.2	17.9
9 8	20 35.65	−20 29.5	1.434	2.303	16.2	18.2

208858 2002 SN_{22} 8 4.6 321°.26 2°.7/ 2.9 18

6 30	21 23.66	−22 3.1	1.737	2.611	14.0	20.0
7 10	21 19.33	−22 38.7	1.662	2.604	10.6	19.8
7 20	21 12.65	−23 18.8	1.609	2.597	6.7	19.5
7 30	21 4.27	−23 58.0	1.581	2.590	3.2	19.3
8 9	20 55.20	−24 30.6	1.579	2.583	3.9	19.3
8 19	20 46.54	−24 52.4	1.602	2.577	7.7	19.5
8 29	20 39.40	−25 0.7	1.650	2.571	11.6	19.7
9 8	20 34.60	−24 55.6	1.720	2.565	15.0	20.0

362918 2012 CH_{51} 8 4.6 265°.75 3°.0/ 7.5 18

6 30	21 19.05	− 3 55.9	2.427	3.239	12.5	20.6
7 10	21 15.19	− 4 27.1	2.332	3.229	10.0	20.4
7 20	21 9.75	− 5 13.6	2.260	3.219	7.2	20.2
7 30	21 3.17	− 6 14.2	2.213	3.208	4.3	20.0
8 9	20 56.07	− 7 25.4	2.194	3.198	3.1	19.9
8 19	20 49.14	− 8 42.9	2.203	3.187	5.1	20.1
8 29	20 43.08	−10 1.7	2.241	3.177	8.1	20.2
9 8	20 38.52	−11 17.1	2.303	3.166	11.0	20.4

211142 2002 GR_{95} 8 4.6 339°.85 6°.0/ 7.4 18

6 30	21 20.65	− 5 20.0	1.152	2.016	20.3	19.1
7 10	21 17.86	− 4 43.2	1.081	2.006	16.4	18.9
7 20	21 12.14	− 4 27.7	1.026	1.997	12.0	18.6
7 30	21 4.19	− 4 35.0	0.992	1.989	7.8	18.3
8 9	20 55.25	− 5 3.1	0.979	1.982	6.1	18.2
8 19	20 46.74	− 5 47.2	0.989	1.976	9.1	18.4
8 29	20 40.14	− 6 39.8	1.020	1.972	13.7	18.6
9 8	20 36.50	− 7 33.1	1.069	1.968	18.1	18.9

336295 2008 SS_{298} 8 4.6 272°.64 4°.6/ 7.9 18

6 30	21 21.33	− 2 20.5	1.874	2.691	15.5	21.1
7 10	21 17.43	− 2 33.0	1.777	2.674	12.6	20.8
7 20	21 11.45	− 3 5.4	1.701	2.656	9.3	20.6
7 30	21 3.87	− 3 57.3	1.648	2.639	6.1	20.4
8 9	20 55.50	− 5 5.9	1.620	2.621	4.6	20.2
8 19	20 47.26	− 6 26.0	1.620	2.603	6.7	20.3
8 29	20 40.18	− 7 51.1	1.645	2.585	10.3	20.5
9 8	20 35.08	− 9 14.3	1.694	2.566	13.9	20.7

104095 2000 EB_{35} 8 4.6 73°.53 4°.6/ 7.8 18

6 30	21 23.11	− 3 39.1	1.863	2.683	15.5	19.0
7 10	21 18.44	− 3 25.9	1.799	2.697	12.4	18.9
7 20	21 11.83	− 3 29.2	1.755	2.711	9.1	18.7
7 30	21 3.91	− 3 48.4	1.736	2.726	5.9	18.5
8 9	20 55.55	− 4 21.1	1.742	2.740	4.6	18.5
8 19	20 47.65	− 5 3.3	1.775	2.755	6.5	18.6
8 29	20 41.09	− 5 50.2	1.833	2.769	9.6	18.9
9 8	20 36.50	− 6 37.1	1.915	2.784	12.7	19.1

73222 2002 JB_{25} 8 4.6 344°.01 9°.3/10.6 18

6 30	21 17.85	+ 4 14.2	1.441	2.253	19.6	18.7
7 10	21 15.22	+ 4 56.3	1.364	2.243	16.8	18.5
7 20	21 10.22	+ 5 12.4	1.303	2.235	13.7	18.3
7 30	21 3.44	+ 4 58.9	1.263	2.227	10.8	18.1
8 9	20 55.85	+ 4 16.1	1.243	2.221	9.3	18.0
8 19	20 48.58	+ 3 7.7	1.247	2.215	10.2	18.1
8 29	20 42.77	+ 1 41.5	1.272	2.210	12.8	18.2
9 8	20 39.34	+ 0 7.2	1.319	2.207	16.0	18.4

280650 2005 BM_{27} 8 4.6 175°.67 1°.3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.25	− 8 2.8	2.133	2.964	13.4	20.4
7 10	21 17.77	− 9 10.0	2.051	2.965	10.4	20.2
7 20	21 11.46	−10 33.3	1.992	2.966	6.8	20.0
7 30	21 3.81	−12 8.8	1.960	2.967	3.1	19.7
8 9	20 55.59	−13 50.6	1.957	2.968	1.8	19.6
8 19	20 47.61	−15 32.0	1.983	2.968	5.5	19.9
8 29	20 40.73	−17 6.7	2.037	2.968	9.1	20.1
9 8	20 35.63	−18 30.2	2.115	2.967	12.3	20.3

218179 2002 TK_{24} 8 4.6 316°.71 5°.8/ 1.7 18

6 30	21 26.76	−27 33.6	1.337	2.225	16.5	19.6
7 10	21 22.50	−28 20.8	1.267	2.212	12.8	19.3
7 20	21 15.07	−29 8.6	1.216	2.201	8.8	19.0
7 30	21 5.26	−29 48.2	1.188	2.189	5.9	18.8
8 9	20 54.44	−30 11.4	1.184	2.178	7.0	18.9
8 19	20 44.21	−30 13.2	1.203	2.168	10.8	19.1
8 29	20 36.12	−29 52.7	1.244	2.158	15.0	19.3
9 8	20 31.20	−29 12.6	1.304	2.149	18.8	19.5

516311 2016 YC_{7} 8 4.6 192°.15 3°.4/ 7.2 18

6 30	21 21.59	− 5 49.9	2.352	3.169	12.7	21.3
7 10	21 17.04	− 5 39.3	2.269	3.169	10.1	21.1
7 20	21 10.88	− 5 40.6	2.209	3.168	7.2	21.0
7 30	21 3.58	− 5 53.3	2.174	3.168	4.5	20.8
8 9	20 55.82	− 6 15.4	2.166	3.167	3.4	20.7
8 19	20 48.33	− 6 44.2	2.185	3.166	5.4	20.8
8 29	20 41.84	− 7 16.6	2.232	3.166	8.3	21.0
9 8	20 36.95	− 7 49.2	2.303	3.165	11.1	21.2

254261 2004 RA_{177} 8 4.6 1°.43 3°.7/ 7.0 18

6 30	21 21.43	− 6 30.2	1.996	2.827	14.2	19.9
7 10	21 17.19	− 6 9.9	1.919	2.826	11.3	19.7
7 20	21 11.09	− 6 2.5	1.862	2.826	8.1	19.5
7 30	21 3.68	− 6 7.7	1.830	2.826	5.0	19.3
8 9	20 55.75	− 6 23.5	1.824	2.826	3.8	19.2
8 19	20 48.16	− 6 47.3	1.844	2.827	6.1	19.4
8 29	20 41.75	− 7 15.3	1.891	2.828	9.3	19.6
9 8	20 37.18	− 7 43.8	1.960	2.829	12.4	19.8

190548 2000 SU_{28} 8 4.6 316°.20 6°.3/ 7.3 18

6 30	21 21.07	− 4 41.8	1.393	2.240	18.3	19.6
7 10	21 18.10	− 3 57.5	1.290	2.205	15.1	19.3
7 20	21 12.38	− 3 29.9	1.205	2.169	11.4	19.0
7 30	21 4.38	− 3 21.6	1.142	2.135	7.8	18.7
8 9	20 55.05	− 3 33.0	1.101	2.100	6.4	18.5
8 19	20 45.66	− 4 2.0	1.083	2.066	9.2	18.6
8 29	20 37.69	− 4 43.5	1.087	2.033	13.6	18.7
9 8	20 32.37	− 5 30.8	1.111	2.001	18.2	18.9

230630 2003 KP_{36} 8 4.6 58°.89 7°.0/30.4 18

6 30	21 25.38	−29 22.4	1.531	2.414	15.1	19.5
7 10	21 20.98	−31 12.1	1.485	2.426	11.7	19.3
7 20	21 13.82	−33 0.7	1.461	2.438	8.5	19.1
7 30	21 4.73	−34 37.3	1.462	2.450	7.0	19.1
8 9	20 54.94	−35 52.6	1.488	2.463	8.3	19.2
8 19	20 45.82	−36 41.2	1.538	2.476	11.2	19.4
8 29	20 38.63	−37 2.3	1.610	2.488	14.3	19.6
9 8	20 34.23	−36 58.7	1.701	2.501	17.1	19.8

3104 Dürer 8 4.6 277°.56 5°.6/10.2 18

6 30	21 19.24	+ 4 1.1	2.204	2.981	14.7	15.6
7 10	21 15.50	+ 3 32.9	2.109	2.972	12.3	15.4
7 20	21 10.04	+ 2 42.4	2.035	2.963	9.7	15.2
7 30	21 3.32	+ 1 29.7	1.984	2.955	7.1	15.1
8 9	20 56.03	− 0 2.2	1.960	2.946	5.6	15.0
8 19	20 48.91	− 1 48.2	1.963	2.937	6.6	15.0
8 29	20 42.78	− 3 41.6	1.994	2.929	9.1	15.1
9 8	20 38.28	− 5 34.8	2.051	2.920	12.0	15.3

128742 2004 RB_{162} 8 4.6 355°.97 7°.1/ 9.9 18

6 30	21 19.11	+ 3 7.3	1.934	2.725	16.0	19.6
7 10	21 15.54	+ 3 36.7	1.854	2.723	13.5	19.4
7 20	21 10.11	+ 3 46.1	1.794	2.721	10.8	19.2
7 30	21 3.35	+ 3 34.1	1.756	2.720	8.4	19.1
8 9	20 56.02	+ 3 1.4	1.743	2.719	7.2	19.0
8 19	20 48.99	+ 2 11.2	1.754	2.719	8.0	19.1
8 29	20 43.10	+ 1 8.7	1.790	2.719	10.3	19.2
9 8	20 39.04	+ 0 0.3	1.849	2.720	13.0	19.4

481593 2007 TD_{208} 8 4.6 333°.85 3°.4/ 2.1 17

6 30	21 13.97	−18 17.6	1.175	2.079	17.1	20.1
7 10	21 13.12	−19 40.9	1.088	2.047	13.0	19.8
7 20	21 9.41	−21 23.8	1.021	2.015	8.3	19.4
7 30	21 3.32	−23 18.4	0.975	1.985	3.9	19.1
8 9	20 55.92	−25 12.9	0.951	1.957	5.4	19.1
8 19	20 48.65	−26 54.6	0.950	1.930	10.7	19.3
8 29	20 43.15	−28 13.4	0.970	1.906	16.1	19.5
9 8	20 40.72	−29 4.4	1.007	1.883	20.8	19.7

480277 2015 HT_{92} 8 4.6 60°.37 1°.7/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.42	−18 42.0	1.629	2.500	14.9	21.1
7 10	21 19.78	−19 22.8	1.574	2.514	11.2	20.9
7 20	21 12.84	−20 10.8	1.539	2.527	6.9	20.7
7 30	21 4.32	−21 0.4	1.530	2.541	2.7	20.4
8 9	20 55.30	−21 45.6	1.546	2.555	3.0	20.5
8 19	20 46.89	−22 21.5	1.589	2.569	7.2	20.8
8 29	20 40.12	−22 45.3	1.656	2.583	11.1	21.0
9 8	20 35.72	−22 56.2	1.745	2.597	14.5	21.3

385758 2005 YH_{55} 8 4.6 189°.21 2°.1/ 2.8 18

6 30	21 26.09	−21 19.1	2.445	3.297	11.2	23.1
7 10	21 20.51	−22 8.1	2.366	3.296	8.4	22.9
7 20	21 13.11	−23 1.1	2.311	3.294	5.3	22.7
7 30	21 4.42	−23 53.5	2.283	3.291	2.5	22.6
8 9	20 55.20	−24 40.7	2.285	3.288	3.1	22.6
8 19	20 46.25	−25 19.0	2.315	3.284	6.1	22.8
8 29	20 38.42	−25 46.0	2.373	3.279	9.2	23.0
9 8	20 32.34	−26 1.2	2.455	3.273	11.9	23.1

170415 2003 UV_{47} 8 4.6 213°.68 5°.6/ 9.2 18

6 30	21 21.95	+ 1 46.6	2.368	3.147	13.7	20.9
7 10	21 17.39	+ 1 56.1	2.276	3.141	11.5	20.7
7 20	21 11.16	+ 1 48.9	2.205	3.134	9.0	20.5
7 30	21 3.72	+ 1 24.3	2.158	3.127	6.7	20.3
8 9	20 55.74	+ 0 43.8	2.137	3.120	5.6	20.3
8 19	20 47.96	− 0 9.8	2.144	3.112	6.6	20.3
8 29	20 41.13	− 1 12.0	2.178	3.103	8.9	20.5
9 8	20 35.89	− 2 17.7	2.236	3.094	11.5	20.6

92420 2000 JJ_{48} 8 4.6 66°.10 0°.4/ 4.7 18

6 30	21 29.53	−15 54.6	1.216	2.091	18.7	18.6
7 10	21 24.21	−15 50.1	1.163	2.103	14.2	18.3
7 20	21 15.87	−15 55.9	1.128	2.115	9.0	18.1
7 30	21 5.47	−16 8.0	1.116	2.128	3.4	17.8
8 9	20 54.45	−16 21.5	1.129	2.140	2.5	17.8
8 19	20 44.33	−16 31.9	1.165	2.153	8.0	18.2
8 29	20 36.48	−16 36.2	1.225	2.166	12.9	18.5
9 8	20 31.71	−16 33.1	1.305	2.179	17.1	18.8

244287 2002 EV_{103} 8 4.6 230°.67 6°.1/30.4 18

6 30	21 28.60	−32 31.6	2.211	3.069	12.0	21.0
7 10	21 22.93	−33 48.1	2.132	3.056	9.5	20.8
7 20	21 14.91	−35 2.3	2.077	3.043	7.2	20.6
7 30	21 5.16	−36 7.0	2.049	3.028	6.1	20.5
8 9	20 54.59	−36 55.6	2.048	3.013	7.1	20.6
8 19	20 44.31	−37 23.8	2.073	2.998	9.4	20.7
8 29	20 35.42	−37 30.7	2.122	2.982	12.1	20.8
9 8	20 28.76	−37 18.0	2.193	2.965	14.6	21.0

292579 2006 TR_{89} 8 4.6 354°.13 0°.8/ 4.0 18

6 30	21 23.43	−18 6.0	1.943	2.805	13.3	21.0
7 10	21 18.82	−18 23.6	1.869	2.804	10.0	20.7
7 20	21 12.17	−18 47.2	1.818	2.804	6.3	20.5
7 30	21 4.10	−19 13.3	1.792	2.803	2.3	20.3
8 9	20 55.49	−19 37.8	1.793	2.803	2.2	20.3
8 19	20 47.27	−19 57.1	1.821	2.803	6.2	20.5
8 29	20 40.40	−20 8.8	1.874	2.802	10.0	20.7
9 8	20 35.55	−20 11.8	1.950	2.803	13.2	21.0

298188 2002 TO_{199} 8 4.6 24°.33 8°.0/ 9.2 17

6 30	21 22.39	+ 1 0.9	1.572	2.384	18.2	19.5
7 10	21 18.30	+ 1 59.8	1.507	2.391	15.2	19.3
7 20	21 11.96	+ 2 37.9	1.461	2.399	12.0	19.1
7 30	21 4.05	+ 2 52.8	1.437	2.407	9.2	19.0
8 9	20 55.54	+ 2 44.7	1.435	2.415	8.0	19.0
8 19	20 47.51	+ 2 16.5	1.458	2.425	9.1	19.1
8 29	20 40.99	+ 1 33.6	1.504	2.435	11.7	19.2
9 8	20 36.74	+ 0 42.8	1.571	2.445	14.7	19.4

98373 2000 TC_{20} 8 4.6 253°.13 7°.3/30.8 18

6 30	21 28.04	−29 43.8	1.454	2.336	15.8	19.1
7 10	21 23.39	−31 15.9	1.389	2.329	12.4	18.9
7 20	21 15.62	−32 48.6	1.345	2.322	9.1	18.7
7 30	21 5.50	−34 11.0	1.325	2.315	7.3	18.6
8 9	20 54.34	−35 12.7	1.329	2.308	8.6	18.6
8 19	20 43.72	−35 47.5	1.357	2.301	11.9	18.8
8 29	20 35.17	−35 54.1	1.407	2.294	15.5	19.0
9 8	20 29.73	−35 35.5	1.475	2.286	18.7	19.2

268322 2005 RR_{45} 8 4.6 185°.83 0°.1/ 4.5 18

6 30	21 25.71	−15 12.4	1.950	2.802	13.7	21.9
7 10	21 20.55	−15 43.2	1.873	2.802	10.4	21.7
7 20	21 13.30	−16 23.2	1.818	2.801	6.5	21.4
7 30	21 4.54	−17 8.5	1.789	2.800	2.4	21.2
8 9	20 55.17	−17 54.4	1.788	2.799	2.0	21.1
8 19	20 46.15	−18 36.3	1.814	2.797	6.2	21.4
8 29	20 38.48	−19 10.7	1.867	2.795	10.0	21.6
9 8	20 32.87	−19 35.4	1.943	2.792	13.4	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
436193 2009 WD_{131}			8 4.6 164°.61	1°.4/ 5.6 17		
	h m	° ′			°	m
6 30	21 25.16	−11 35.0	1.967	2.809	13.9	21.7
7 10	21 20.04	−11 46.1	1.892	2.812	10.7	21.5
7 20	21 12.92	−12 8.0	1.838	2.816	7.0	21.3
7 30	21 4.39	−12 38.3	1.811	2.818	3.1	21.1
8 9	20 55.30	−13 13.3	1.810	2.821	2.0	21.0
8 19	20 46.60	−13 49.2	1.837	2.822	5.8	21.2
8 29	20 39.20	−14 22.1	1.890	2.824	9.6	21.5
9 8	20 33.80	−14 49.3	1.967	2.825	12.9	21.7
115125 2003 SA_{48}			8 4.6 26°.39	2°.1/ 5.4 18		
6 30	21 27.07	−13 34.9	1.163	2.039	19.3	19.2
7 10	21 22.52	−13 4.4	1.105	2.045	14.9	18.9
7 20	21 14.92	−12 45.8	1.066	2.051	9.8	18.6
7 30	21 5.18	−12 37.4	1.049	2.058	4.4	18.4
8 9	20 54.72	−12 36.0	1.054	2.065	3.0	18.3
8 19	20 45.08	−12 37.9	1.084	2.073	8.1	18.6
8 29	20 37.64	−12 39.7	1.135	2.082	13.1	18.9
9 8	20 33.30	−12 38.4	1.206	2.091	17.4	19.2
348523 2005 UO_{66}			8 4.6 330°.87	3°.9/ 6.9 17		
6 30	21 17.34	− 7 7.9	1.518	2.374	16.6	19.9
7 10	21 14.93	− 6 58.8	1.422	2.346	13.3	19.6
7 20	21 10.15	− 7 7.0	1.345	2.318	9.5	19.3
7 30	21 3.52	− 7 32.5	1.290	2.292	5.6	19.0
8 9	20 55.93	− 8 13.0	1.259	2.266	4.1	18.8
8 19	20 48.47	− 9 3.7	1.253	2.242	7.3	19.0
8 29	20 42.35	− 9 58.6	1.269	2.218	11.8	19.2
9 8	20 38.56	−10 51.5	1.306	2.197	16.0	19.4
16206 2000 CL_{39}			8 4.6 253°.82	5°.6/31.8 18		
6 30	21 28.79	−31 43.0	2.058	2.920	12.6	17.5
7 10	21 23.06	−32 27.3	1.981	2.909	9.9	17.3
7 20	21 14.97	−33 8.1	1.927	2.898	7.3	17.2
7 30	21 5.19	−33 39.0	1.898	2.887	5.7	17.0
8 9	20 54.71	−33 54.4	1.896	2.875	6.5	17.1
8 19	20 44.67	−33 51.4	1.920	2.863	9.0	17.2
8 29	20 36.18	−33 29.7	1.969	2.851	11.9	17.4
9 8	20 30.02	−32 51.8	2.039	2.839	14.6	17.5
232229 2002 KL_{15}			8 4.6 61°.95	0°.9/ 4.0 18		
6 30	21 24.39	−16 46.9	1.624	2.491	15.1	20.4
7 10	21 19.75	−17 23.2	1.569	2.507	11.4	20.2
7 20	21 12.82	−18 8.3	1.535	2.522	7.1	20.0
7 30	21 4.36	−18 57.1	1.526	2.538	2.5	19.7
8 9	20 55.41	−19 43.7	1.544	2.554	2.5	19.8
8 19	20 47.07	−20 23.2	1.587	2.570	6.9	20.1
8 29	20 40.37	−20 52.2	1.655	2.586	10.9	20.3
9 8	20 36.00	−21 9.4	1.745	2.602	14.3	20.6
48089 2001 FH_{42}			8 4.6 23°.11	4°.6/ 2.7 18		
6 30	21 26.06	−26 28.3	1.257	2.148	17.1	18.1
7 10	21 21.60	−26 47.6	1.212	2.161	13.0	17.9
7 20	21 14.20	−27 5.7	1.186	2.174	8.5	17.6
7 30	21 4.88	−27 15.7	1.183	2.189	5.0	17.5
8 9	20 55.08	−27 12.1	1.204	2.205	5.6	17.6
8 19	20 46.27	−26 52.6	1.248	2.222	9.5	17.8
8 29	20 39.72	−26 17.8	1.314	2.240	13.5	18.1
9 8	20 36.14	−25 30.6	1.400	2.259	17.0	18.4
218239 2002 XA_{4}			8 4.6 311°.25	0°.0/ 4.5 18		
6 30	21 22.80	−15 19.2	1.327	2.205	17.2	20.5
7 10	21 19.47	−15 31.9	1.241	2.184	13.3	20.2
7 20	21 13.24	−15 57.3	1.174	2.162	8.5	19.9
7 30	21 4.71	−16 31.6	1.129	2.141	3.2	19.5
8 9	20 55.03	−17 9.2	1.109	2.120	2.5	19.4
8 19	20 45.61	−17 44.1	1.112	2.100	8.2	19.7
8 29	20 37.93	−18 11.1	1.138	2.081	13.5	20.0
9 8	20 33.13	−18 27.0	1.183	2.062	18.1	20.2
120149 2003 GG_{54}			8 4.6 131°.62	1°.6/ 5.6 18		
6 30	21 27.69	−11 58.5	1.980	2.818	14.0	19.9
7 10	21 21.83	−11 55.5	1.911	2.830	10.8	19.7
7 20	21 13.98	−12 2.0	1.866	2.841	7.1	19.5
7 30	21 4.77	−12 16.0	1.846	2.853	3.2	19.3
8 9	20 55.11	−12 34.4	1.853	2.863	2.1	19.3
8 19	20 45.94	−12 54.1	1.889	2.874	5.7	19.5
8 29	20 38.16	−13 12.2	1.951	2.883	9.4	19.8
9 8	20 32.42	−13 26.4	2.037	2.893	12.6	20.0
315072 2007 DH_{43}			8 4.6 65°.78	0°.4/ 4.4 18		
6 30	21 24.09	−17 47.0	2.219	3.073	12.1	20.6
7 10	21 19.01	−17 50.9	2.148	3.079	9.1	20.4
7 20	21 12.16	−17 59.5	2.101	3.085	5.7	20.2
7 30	21 4.11	−18 10.2	2.080	3.091	2.1	20.0
8 9	20 55.65	−18 19.9	2.086	3.097	1.8	20.0
8 19	20 47.61	−18 26.3	2.121	3.103	5.4	20.2
8 29	20 40.77	−18 27.6	2.182	3.110	8.8	20.5
9 8	20 35.73	−18 22.9	2.267	3.116	11.7	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
385336 2002 GX_{145}			8 4.6 132°.85	6°.0/31.7 18		
	h m	° ′			°	m
6 30	21 31.80	−33 20.7	2.104	2.959	12.6	21.4
7 10	21 25.06	−34 9.2	2.049	2.972	9.9	21.3
7 20	21 16.05	−34 51.9	2.018	2.983	7.4	21.1
7 30	21 5.53	−35 22.4	2.012	2.995	6.0	21.1
8 9	20 54.57	−35 35.7	2.034	3.005	6.7	21.1
8 19	20 44.29	−35 29.9	2.082	3.016	8.9	21.3
8 29	20 35.71	−35 5.7	2.155	3.025	11.5	21.5
9 8	20 29.50	−34 26.2	2.250	3.035	13.9	21.7
516932 2011 YK_{27}			8 4.6 286°.65	2°.2/ 2.6 18		
6 30	21 20.75	−19 17.1	2.164	3.027	12.0	21.3
7 10	21 16.82	−20 30.5	2.080	3.017	9.0	21.1
7 20	21 11.00	−21 51.9	2.021	3.007	5.7	20.9
7 30	21 3.76	−23 15.9	1.988	2.997	2.6	20.7
8 9	20 55.88	−24 36.3	1.983	2.987	3.4	20.7
8 19	20 48.19	−25 47.4	2.006	2.977	6.7	20.9
8 29	20 41.60	−26 45.0	2.056	2.967	10.1	21.1
9 8	20 36.82	−27 27.3	2.128	2.957	13.1	21.3
207825 2007 TZ_{353}			8 4.6 335°.47	8°.4/29.7 18		
6 30	21 23.78	−33 19.4	1.508	2.393	15.1	19.4
7 10	21 20.14	−34 50.2	1.445	2.383	12.1	19.2
7 20	21 13.57	−36 17.7	1.404	2.374	9.5	19.0
7 30	21 4.79	−37 31.4	1.385	2.365	8.4	19.0
8 9	20 55.08	−38 22.1	1.390	2.357	9.7	19.0
8 19	20 45.89	−38 44.5	1.417	2.349	12.4	19.2
8 29	20 38.67	−38 37.9	1.466	2.342	15.6	19.3
9 8	20 34.40	−38 6.0	1.533	2.336	18.5	19.5
199480 2006 DY_{73}			8 4.6 201°.59	1°.4/ 3.6 18		
6 30	21 26.62	−19 40.1	2.211	3.064	12.2	21.7
7 10	21 21.08	−20 7.7	2.130	3.060	9.2	21.5
7 20	21 13.57	−20 40.1	2.071	3.055	5.8	21.3
7 30	21 4.67	−21 13.2	2.040	3.050	2.3	21.0
8 9	20 55.20	−21 42.9	2.037	3.045	2.5	21.0
8 19	20 46.05	−22 5.7	2.062	3.039	6.1	21.3
8 29	20 38.12	−22 19.5	2.114	3.032	9.6	21.5
9 8	20 32.12	−22 23.4	2.190	3.025	12.6	21.7
44158 1998 HN_{128}			8 4.6 22°.94	0°.4/ 4.9 18		
6 30	21 21.81	−12 13.9	1.233	2.111	18.3	18.3
7 10	21 18.54	−12 59.9	1.173	2.114	14.0	18.1
7 20	21 12.46	−14 4.3	1.131	2.118	8.9	17.8
7 30	21 4.36	−15 21.3	1.112	2.123	3.4	17.5
8 9	20 55.46	−16 42.6	1.117	2.129	2.4	17.4
8 19	20 47.15	−17 59.1	1.146	2.134	7.9	17.8
8 29	20 40.77	−19 3.7	1.197	2.141	12.9	18.1
9 8	20 37.20	−19 52.2	1.269	2.148	17.2	18.4
247815 2003 SS_{142}			8 4.6 323°.03	1°.4/ 5.4 18		
6 30	21 19.12	−11 3.0	1.163	2.045	18.8	19.5
7 10	21 16.90	−11 30.4	1.084	2.027	14.7	19.2
7 20	21 11.73	−12 18.9	1.023	2.010	9.7	18.9
7 30	21 4.20	−13 25.4	0.983	1.993	4.1	18.5
8 9	20 55.50	−14 42.9	0.965	1.977	2.6	18.4
8 19	20 47.08	−16 2.1	0.970	1.962	8.4	18.7
8 29	20 40.52	−17 13.8	0.997	1.948	14.0	18.9
9 8	20 36.97	−18 11.6	1.042	1.935	19.0	19.2
151073 2001 VF_{50}			8 4.6 326°.43	1°.3/ 5.2 18		
6 30	21 26.42	−14 1.5	1.568	2.428	16.0	19.0
7 10	21 21.52	−13 49.9	1.494	2.425	12.3	18.7
7 20	21 14.12	−13 48.0	1.441	2.423	8.0	18.5
7 30	21 4.93	−13 53.4	1.411	2.421	3.4	18.2
8 9	20 55.03	−14 2.7	1.407	2.418	2.3	18.1
8 19	20 45.61	−14 12.7	1.429	2.416	6.9	18.4
8 29	20 37.85	−14 20.2	1.476	2.414	11.3	18.7
9 8	20 32.58	−14 22.9	1.544	2.413	15.2	18.9
520409 2014 JO_{87}			8 4.6 324°.35	1°.6/ 5.9 18		
6 30	21 19.49	− 9 19.6	1.941	2.786	13.9	20.8
7 10	21 15.94	− 9 55.2	1.858	2.780	10.8	20.5
7 20	21 10.46	−10 45.6	1.796	2.773	7.2	20.3
7 30	21 3.58	−11 48.0	1.760	2.767	3.4	20.1
8 9	20 56.08	−12 57.6	1.750	2.760	2.1	20.0
8 19	20 48.84	−14 8.9	1.767	2.755	5.8	20.2
8 29	20 42.76	−15 16.4	1.810	2.749	9.6	20.4
9 8	20 38.54	−16 15.7	1.877	2.744	13.0	20.6
512005 2015 KO_{165}			8 4.6 17°.16	1°.1/ 5.3 17		
6 30	21 23.26	−12 58.2	1.643	2.503	15.4	20.9
7 10	21 18.99	−13 5.6	1.573	2.505	11.8	20.7
7 20	21 12.45	−13 24.3	1.525	2.507	7.7	20.5
7 30	21 4.31	−13 51.6	1.500	2.509	3.2	20.2
8 9	20 55.55	−14 23.2	1.500	2.512	2.1	20.1
8 19	20 47.25	−14 54.8	1.527	2.515	6.5	20.4
8 29	20 40.47	−15 22.3	1.579	2.518	10.7	20.7
9 8	20 35.96	−15 43.0	1.652	2.522	14.3	20.9

440574 2005 UE_{422} 8 4.6 258.°86 5.°0/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.61	− 0 35.1	2.314	3.110	13.5	21.4
7 10	21 16.43	− 0 20.3	2.226	3.105	11.2	21.2
7 20	21 10.60	− 0 20.8	2.159	3.099	8.5	21.0
7 30	21 3.60	− 0 37.0	2.116	3.094	6.1	20.9
8 9	20 56.09	− 1 7.4	2.100	3.089	5.0	20.8
8 19	20 48.80	− 1 49.4	2.110	3.083	6.3	20.9
8 29	20 42.47	− 2 38.8	2.147	3.078	8.8	21.0
9 8	20 37.72	− 3 31.3	2.208	3.072	11.4	21.2

170023 Vogeley 8 4.6 341.°69 0.°8/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.95	−16 7.9	1.641	2.512	14.8	19.8
7 10	21 17.39	−16 49.5	1.567	2.507	11.2	19.6
7 20	21 11.54	−17 42.0	1.514	2.502	7.0	19.3
7 30	21 4.01	−18 40.6	1.485	2.497	2.5	19.0
8 9	20 55.77	−19 39.1	1.483	2.493	2.5	19.0
8 19	20 47.91	−20 31.6	1.506	2.489	7.0	19.3
8 29	20 41.51	−21 13.4	1.553	2.486	11.3	19.5
9 8	20 37.38	−21 42.1	1.622	2.484	14.9	19.8

126447 2002 CH_{18} 8 4.6 338.°00 5.°4/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.90	−26 11.4	1.651	2.537	14.0	18.5
7 10	21 16.84	−27 37.3	1.579	2.525	10.7	18.3
7 20	21 11.32	−29 7.3	1.529	2.513	7.4	18.1
7 30	21 3.97	−30 33.0	1.504	2.503	5.4	17.9
8 9	20 55.78	−31 45.8	1.504	2.493	6.7	18.0
8 19	20 47.94	−32 39.2	1.529	2.483	9.9	18.1
8 29	20 41.63	−33 10.0	1.576	2.475	13.4	18.3
9 8	20 37.76	−33 18.5	1.643	2.467	16.5	18.5

52526 1996 PF_{3} 8 4.6 225.°06 4.°9/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.87	+ 1 42.4	1.262	2.085	21.2	18.4
7 10	21 21.08	+ 0 22.6	1.179	2.079	17.4	18.2
7 20	21 14.31	− 1 37.7	1.113	2.073	12.7	17.9
7 30	21 5.17	− 4 16.8	1.070	2.066	7.7	17.6
8 9	20 54.81	− 7 24.9	1.052	2.058	4.9	17.4
8 19	20 44.67	−10 45.9	1.061	2.050	8.3	17.6
8 29	20 36.32	−14 1.4	1.096	2.042	13.6	17.8
9 8	20 30.93	−16 56.5	1.153	2.033	18.5	18.1

238570 2004 XP_{86} 8 4.6 271.°92 2.°1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.13	−10 11.2	1.945	2.784	14.1	21.0
7 10	21 19.57	−10 13.5	1.845	2.764	11.1	20.7
7 20	21 12.86	−10 27.7	1.768	2.742	7.5	20.5
7 30	21 4.52	−10 52.5	1.715	2.721	3.7	20.2
8 9	20 55.36	−11 24.9	1.689	2.699	2.5	20.1
8 19	20 46.34	−12 1.1	1.690	2.676	6.2	20.3
8 29	20 38.49	−12 36.9	1.718	2.654	10.2	20.4
9 8	20 32.65	−13 8.8	1.768	2.631	13.8	20.6

149232 2002 RJ_{118} 8 4.6 299.°25 3.°2/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.59	− 7 37.7	1.451	2.305	17.3	19.9
7 10	21 18.32	− 7 49.1	1.358	2.283	13.8	19.6
7 20	21 12.43	− 8 20.3	1.284	2.260	9.6	19.3
7 30	21 4.45	− 9 10.2	1.233	2.237	5.1	19.0
8 9	20 55.37	−10 14.6	1.206	2.215	3.5	18.9
8 19	20 46.42	−11 27.1	1.203	2.192	7.5	19.0
8 29	20 38.94	−12 39.9	1.224	2.170	12.4	19.3
9 8	20 34.02	−13 46.2	1.266	2.149	16.9	19.5

132326 2002 GR_{23} 8 4.6 16.°62 4.°9/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.40	− 5 37.6	1.160	2.024	20.2	19.3
7 10	21 18.29	− 5 26.7	1.100	2.026	16.1	19.0
7 20	21 12.35	− 5 38.9	1.057	2.030	11.5	18.8
7 30	21 4.35	− 6 13.6	1.035	2.035	6.9	18.5
8 9	20 55.56	− 7 6.3	1.034	2.040	5.0	18.4
8 19	20 47.37	− 8 9.8	1.057	2.046	8.3	18.7
8 29	20 41.14	− 9 15.9	1.102	2.053	12.9	18.9
9 8	20 37.78	−10 16.9	1.166	2.061	17.2	19.2

380827 2005 YE_{221} 8 4.6 141.°62 2.°8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.13	− 8 24.6	2.225	3.045	13.3	20.9
7 10	21 21.23	− 8 8.8	2.152	3.056	10.4	20.8
7 20	21 13.55	− 8 3.3	2.102	3.067	7.2	20.6
7 30	21 4.66	− 8 7.3	2.078	3.077	4.0	20.4
8 9	20 55.34	− 8 18.8	2.081	3.087	3.0	20.3
8 19	20 46.43	− 8 35.3	2.114	3.095	5.5	20.5
8 29	20 38.72	− 8 54.0	2.173	3.104	8.7	20.7
9 8	20 32.83	− 9 12.1	2.257	3.112	11.6	20.9

498158 2007 TC_{128} 8 4.6 245.°27 0.°4/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.95	−13 33.2	1.557	2.417	16.1	21.7
7 10	21 21.38	−13 59.8	1.475	2.407	12.4	21.5
7 20	21 14.20	−14 39.8	1.414	2.397	8.0	21.2
7 30	21 5.06	−15 29.3	1.376	2.387	3.1	20.9
8 9	20 55.00	−16 22.7	1.364	2.376	2.2	20.8
8 19	20 45.26	−17 13.7	1.379	2.365	7.2	21.1
8 29	20 37.11	−17 57.2	1.418	2.353	11.9	21.3
9 8	20 31.50	−18 29.9	1.478	2.341	16.0	21.6

55908 1998 EV_{4} 8 4.6 226.°91 0.°2/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.89	−14 50.0	2.192	3.042	12.4	20.3
7 10	21 18.26	−15 8.0	2.111	3.039	9.4	20.1
7 20	21 11.81	−15 33.9	2.053	3.035	6.0	19.8
7 30	21 4.08	−16 4.9	2.021	3.031	2.3	19.6
8 9	20 55.81	−16 37.3	2.016	3.028	1.7	19.5
8 19	20 47.85	−17 7.7	2.040	3.024	5.5	19.8
8 29	20 41.01	−17 33.2	2.090	3.020	9.0	20.0
9 8	20 35.96	−17 51.6	2.163	3.016	12.1	20.2

165634 2001 FA_{171} 8 4.6 14.°14 5.°7/ 7.7 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.40	− 5 24.5	1.108	1.980	20.3	18.2
7 10	21 15.21	− 4 52.5	1.059	1.989	16.3	18.0
7 20	21 10.32	− 4 43.4	1.027	2.000	11.8	17.8
7 30	21 3.58	− 4 57.3	1.015	2.013	7.5	17.6
8 9	20 56.24	− 5 30.5	1.024	2.028	5.7	17.5
8 19	20 49.59	− 6 16.9	1.055	2.044	8.4	17.7
8 29	20 44.86	− 7 8.8	1.108	2.063	12.5	18.0
9 8	20 42.82	− 7 58.9	1.180	2.083	16.4	18.3

377699 2005 WG_{16} 8 4.6 197.°85 5.°1/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.21	− 1 26.1	2.224	3.018	14.1	21.9
7 10	21 19.96	− 1 4.6	2.136	3.015	11.6	21.8
7 20	21 12.88	− 0 57.9	2.069	3.011	8.8	21.6
7 30	21 4.48	− 1 6.7	2.027	3.007	6.2	21.4
8 9	20 55.50	− 1 29.6	2.012	3.002	5.1	21.3
8 19	20 46.77	− 2 4.1	2.024	2.996	6.6	21.4
8 29	20 39.11	− 2 46.3	2.063	2.990	9.3	21.6
9 8	20 33.21	− 3 31.6	2.127	2.983	12.1	21.7

273768 2007 EK_{169} 8 4.6 0.°86 3.°4/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.12	−21 41.5	1.138	2.040	17.7	19.9
7 10	21 17.59	−22 19.6	1.081	2.037	13.4	19.6
7 20	21 12.02	−23 4.6	1.042	2.035	8.5	19.3
7 30	21 4.27	−23 48.9	1.025	2.035	4.1	19.1
8 9	20 55.68	−24 24.7	1.030	2.036	4.9	19.1
8 19	20 47.80	−24 45.7	1.057	2.039	9.6	19.4
8 29	20 42.03	−24 49.0	1.105	2.043	14.3	19.7
9 8	20 39.32	−24 35.1	1.172	2.049	18.4	20.0

25722 Evanmarshall 8 4.6 281.°12 4.°7/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.24	− 4 56.6	1.540	2.378	17.3	17.9
7 10	21 19.31	− 4 47.6	1.455	2.366	14.0	17.7
7 20	21 12.89	− 4 57.6	1.389	2.354	10.1	17.4
7 30	21 4.59	− 5 26.6	1.345	2.342	6.3	17.2
8 9	20 55.39	− 6 12.0	1.326	2.330	4.7	17.1
8 19	20 46.44	− 7 8.7	1.332	2.317	7.5	17.2
8 29	20 38.97	− 8 10.2	1.362	2.305	11.7	17.4
9 8	20 33.91	− 9 10.2	1.414	2.293	15.7	17.6

339478 2005 EU_{315} 8 4.6 236.°91 0.°7/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.82	−12 35.1	2.356	3.193	12.1	22.4
7 10	21 18.95	−13 0.3	2.259	3.179	9.3	22.2
7 20	21 12.28	−13 35.1	2.185	3.163	6.0	22.0
7 30	21 4.29	−14 17.0	2.138	3.147	2.5	21.7
8 9	20 55.66	−15 2.5	2.120	3.131	1.6	21.6
8 19	20 47.19	−15 47.7	2.130	3.114	5.3	21.8
8 29	20 39.71	−16 29.0	2.167	3.096	8.8	22.0
9 8	20 33.90	−17 3.7	2.229	3.078	11.9	22.2

77273 2001 FO_{55} 8 4.6 61.°73 2.°4/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.73	−10 1.1	1.690	2.535	15.7	18.7
7 10	21 20.52	− 9 57.3	1.640	2.560	12.1	18.5
7 20	21 13.22	−10 6.3	1.610	2.584	8.1	18.4
7 30	21 4.56	−10 25.9	1.604	2.609	4.0	18.2
8 9	20 55.55	−10 52.3	1.625	2.634	2.7	18.1
8 19	20 47.19	−11 21.8	1.672	2.658	6.1	18.4
8 29	20 40.41	−11 50.3	1.745	2.683	9.9	18.7
9 8	20 35.82	−12 14.6	1.840	2.708	13.2	19.0

292146 2006 RV_{91} 8 4.6 167.°43 1.°1/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.53	−11 58.4	1.821	2.666	14.7	21.6
7 10	21 21.30	−12 17.8	1.747	2.670	11.3	21.3
7 20	21 13.86	−12 49.1	1.695	2.673	7.4	21.1
7 30	21 4.87	−13 29.2	1.667	2.676	3.1	20.9
8 9	20 55.26	−14 13.6	1.667	2.678	2.0	20.8
8 19	20 46.06	−14 57.5	1.694	2.680	6.2	21.1
8 29	20 38.28	−15 36.9	1.748	2.681	10.2	21.3
9 8	20 32.69	−16 8.6	1.824	2.682	13.7	21.5

123548 2000 XT_{24} 8 4.6 232.°03 0.°9/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.38	−14 16.9	2.501	3.337	11.5	20.2
7 10	21 19.91	−14 4.4	2.411	3.330	8.8	20.0
7 20	21 12.75	−13 57.4	2.345	3.322	5.7	19.8
7 30	21 4.43	−13 54.5	2.306	3.314	2.4	19.6
8 9	20 55.62	−13 53.8	2.295	3.306	1.6	19.5
8 19	20 47.07	−13 53.4	2.314	3.298	4.9	19.7
8 29	20 39.55	−13 51.7	2.360	3.289	8.2	19.9
9 8	20 33.66	−13 47.3	2.432	3.280	11.0	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
318549 2005 GV_{16}			8 4.6 221°.90		0°.3/ 4.8 18	
	h m	° ′			°	m
6 30	21 23.75	−14 28.4	1.999	2.851	13.4	21.8
7 10	21 19.09	−14 49.6	1.919	2.848	10.2	21.5
7 20	21 12.44	−15 19.9	1.862	2.844	6.5	21.3
7 30	21 4.35	−15 56.2	1.830	2.841	2.5	21.0
8 9	20 55.68	−16 34.4	1.826	2.837	1.8	21.0
8 19	20 47.32	−17 10.4	1.848	2.833	5.9	21.3
8 29	20 40.22	−17 40.6	1.897	2.829	9.7	21.5
9 8	20 35.07	−18 3.0	1.970	2.825	13.0	21.7
391825 2008 SO_{91}			8 4.6 265°.71		1°.0/ 4.0 18	
6 30	21 25.49	−18 2.2	1.867	2.727	13.8	22.2
7 10	21 20.69	−18 24.8	1.778	2.712	10.5	22.0
7 20	21 13.62	−18 54.6	1.712	2.697	6.6	21.7
7 30	21 4.84	−19 27.7	1.671	2.682	2.5	21.4
8 9	20 55.27	−19 59.2	1.656	2.666	2.5	21.4
8 19	20 45.98	−20 25.0	1.669	2.650	6.7	21.6
8 29	20 38.03	−20 42.0	1.707	2.634	10.8	21.8
9 8	20 32.28	−20 48.8	1.768	2.618	14.4	22.0
29211 1991 RY_{15}			8 4.6 341°.03		0°.0/ 4.4 18	
6 30	21 21.67	−14 59.4	1.852	2.713	13.9	17.6
7 10	21 17.67	−15 28.2	1.776	2.710	10.5	17.4
7 20	21 11.61	−16 6.8	1.722	2.707	6.7	17.1
7 30	21 4.06	−16 51.6	1.693	2.704	2.4	16.9
8 9	20 55.91	−17 37.7	1.691	2.702	1.9	16.8
8 19	20 48.11	−18 20.5	1.715	2.700	6.2	17.1
8 29	20 41.61	−18 56.0	1.764	2.698	10.1	17.3
9 8	20 37.15	−19 21.9	1.836	2.696	13.6	17.6
377133 2003 HE_{55}			8 4.6 89°.61		2°.8/ 6.5 17	
6 30	21 25.27	− 7 58.2	1.727	2.564	15.7	21.5
7 10	21 20.26	− 8 7.0	1.667	2.582	12.3	21.3
7 20	21 13.13	− 8 30.8	1.628	2.599	8.3	21.1
7 30	21 4.58	− 9 7.4	1.614	2.616	4.4	20.9
8 9	20 55.56	− 9 52.5	1.625	2.633	3.0	20.9
8 19	20 47.09	−10 41.3	1.664	2.650	6.2	21.1
8 29	20 40.12	−11 28.9	1.728	2.667	10.0	21.4
9 8	20 35.32	−12 11.3	1.816	2.683	13.3	21.6
48666 1995 WU_{26}			8 4.6 35°.64		2°.2/ 3.6 18	
6 30	21 25.52	−19 37.1	1.107	1.999	18.8	18.7
7 10	21 21.46	−20 5.1	1.063	2.014	14.1	18.5
7 20	21 14.30	−20 41.1	1.037	2.029	8.8	18.2
7 30	21 5.05	−21 18.1	1.034	2.045	3.5	18.0
8 9	20 55.23	−21 48.7	1.053	2.062	3.8	18.0
8 19	20 46.38	−22 7.6	1.095	2.080	8.9	18.4
8 29	20 39.87	−22 12.4	1.159	2.098	13.7	18.7
9 8	20 36.49	−22 3.3	1.242	2.117	17.7	19.0
139179 2001 FT_{137}			8 4.6 110°.09		1°.6/ 3.7 17	
6 30	21 27.98	−18 16.8	1.637	2.501	15.2	20.5
7 10	21 22.53	−18 59.8	1.580	2.516	11.4	20.3
7 20	21 14.68	−19 50.5	1.544	2.530	7.1	20.1
7 30	21 5.18	−20 43.0	1.533	2.544	2.7	19.8
8 9	20 55.14	−21 31.1	1.549	2.558	3.0	19.9
8 19	20 45.73	−22 9.8	1.592	2.571	7.3	20.2
8 29	20 38.04	−22 36.0	1.660	2.584	11.3	20.5
9 8	20 32.81	−22 49.0	1.749	2.596	14.7	20.7
513646 2011 SO_{6}			8 4.6 331°.88		3°.2/ 6.6 18	
6 30	21 19.71	− 8 9.5	1.555	2.410	16.3	21.0
7 10	21 16.60	− 8 8.8	1.472	2.397	12.9	20.8
7 20	21 11.16	− 8 24.7	1.409	2.384	9.0	20.5
7 30	21 3.98	− 8 56.0	1.368	2.372	4.9	20.3
8 9	20 56.00	− 9 39.2	1.352	2.360	3.4	20.2
8 19	20 48.30	−10 29.2	1.361	2.350	6.9	20.3
8 29	20 42.01	−11 20.3	1.393	2.340	11.2	20.6
9 8	20 38.02	−12 7.2	1.447	2.331	15.2	20.8
326004 2010 WV_{22}			8 4.6 230°.39		2°.6/ 2.3 18	
6 30	21 22.49	−23 44.0	2.645	3.503	10.3	21.2
7 10	21 17.79	−24 26.7	2.563	3.496	7.7	21.0
7 20	21 11.47	−25 11.5	2.506	3.488	5.0	20.8
7 30	21 3.99	−25 54.5	2.476	3.481	2.8	20.7
8 9	20 56.03	−26 31.5	2.474	3.473	3.4	20.7
8 19	20 48.30	−26 59.5	2.500	3.465	6.0	20.9
8 29	20 41.55	−27 16.7	2.553	3.456	8.7	21.0
9 8	20 36.37	−27 22.6	2.630	3.447	11.2	21.2
412098 2013 FR_{23}			8 4.6 35°.69		3°.9/ 6.6 17	
6 30	21 23.86	− 8 10.2	1.062	1.936	20.9	20.3
7 10	21 20.30	− 8 0.4	1.011	1.945	16.4	20.0
7 20	21 13.67	− 8 12.2	0.976	1.955	11.3	19.8
7 30	21 4.89	− 8 43.7	0.962	1.966	6.1	19.6
8 9	20 55.38	− 9 29.5	0.969	1.978	4.2	19.5
8 19	20 46.66	−10 22.3	1.000	1.991	8.4	19.8
8 29	20 40.16	−11 14.4	1.051	2.004	13.3	20.1
9 8	20 36.75	−11 59.6	1.122	2.017	17.7	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
480156 2015 FV_{289}			8 4.6 34°.67		4°.0/ 7.0 16	
	h m	° ′			°	m
6 30	21 23.02	− 6 35.7	1.547	2.391	17.0	21.0
7 10	21 18.90	− 6 23.7	1.481	2.397	13.4	20.8
7 20	21 12.46	− 6 28.6	1.434	2.403	9.5	20.6
7 30	21 4.41	− 6 49.6	1.410	2.409	5.6	20.4
8 9	20 55.74	− 7 23.4	1.411	2.416	4.1	20.3
8 19	20 47.56	− 8 5.4	1.438	2.424	7.0	20.5
8 29	20 40.94	− 8 50.2	1.488	2.431	10.9	20.8
9 8	20 36.65	− 9 32.7	1.561	2.439	14.5	21.0
20919 6606 P–L			8 4.6 172°.02		4°.6/ 2.0 18	
6 30	21 29.29	−25 49.5	1.548	2.423	15.4	18.5
7 10	21 23.94	−26 40.8	1.484	2.424	11.7	18.3
7 20	21 15.80	−27 33.6	1.441	2.425	7.8	18.1
7 30	21 5.66	−28 20.2	1.423	2.426	4.9	17.9
8 9	20 54.77	−28 53.5	1.430	2.426	5.8	18.0
8 19	20 44.50	−29 8.9	1.462	2.427	9.4	18.2
8 29	20 36.16	−29 5.2	1.518	2.427	13.2	18.4
9 8	20 30.62	−28 44.4	1.594	2.427	16.6	18.6
115530 2003 UH_{49}			8 4.6 270°.52		0°.8/ 4.1 18	
6 30	21 23.95	−17 8.8	1.889	2.750	13.6	19.8
7 10	21 19.44	−17 35.7	1.806	2.741	10.3	19.5
7 20	21 12.78	−18 10.6	1.746	2.731	6.5	19.3
7 30	21 4.55	−18 49.6	1.711	2.722	2.4	19.0
8 9	20 55.62	−19 27.8	1.703	2.713	2.3	19.0
8 19	20 46.99	−20 0.9	1.721	2.704	6.5	19.2
8 29	20 39.70	−20 25.5	1.766	2.694	10.4	19.5
9 8	20 34.50	−20 40.0	1.832	2.685	13.9	19.7
342774 2008 WP_{101}			8 4.6 311°.82		2°.7/ 2.9 18	
6 30	21 22.04	−19 13.8	1.451	2.333	15.8	20.4
7 10	21 19.02	−20 8.7	1.350	2.296	12.1	20.1
7 20	21 13.15	−21 16.7	1.268	2.258	7.8	19.7
7 30	21 4.89	−22 32.0	1.210	2.221	3.4	19.4
8 9	20 55.22	−23 46.0	1.177	2.184	4.3	19.3
8 19	20 45.49	−24 50.1	1.168	2.147	9.3	19.5
8 29	20 37.25	−25 37.6	1.181	2.110	14.4	19.7
9 8	20 31.78	−26 5.3	1.214	2.074	19.0	19.9
418188 2008 CS_{12}			8 4.6 155°.40		2°.0/ 3.4 17	
6 30	21 29.72	−20 43.8	1.873	2.730	13.9	22.4
7 10	21 23.67	−21 15.9	1.805	2.738	10.4	22.2
7 20	21 15.35	−21 52.4	1.761	2.745	6.6	22.0
7 30	21 5.45	−22 28.2	1.742	2.751	2.8	21.8
8 9	20 54.98	−22 58.3	1.751	2.757	3.2	21.8
8 19	20 45.04	−23 18.8	1.787	2.762	7.0	22.1
8 29	20 36.67	−23 27.8	1.849	2.767	10.7	22.3
9 8	20 30.61	−23 25.3	1.934	2.770	13.9	22.5
45017 1999 WK_{3}			8 4.6 303°.53		10°.6/ 9.6 18	
6 30	21 22.58	+ 4 3.7	1.428	2.233	20.0	18.3
7 10	21 19.13	+ 5 17.3	1.338	2.212	17.4	18.1
7 20	21 13.02	+ 6 8.7	1.265	2.192	14.4	17.8
7 30	21 4.78	+ 6 32.4	1.212	2.171	11.8	17.6
8 9	20 55.39	+ 6 25.6	1.180	2.151	10.6	17.5
8 19	20 46.11	+ 5 49.4	1.171	2.131	11.6	17.5
8 29	20 38.30	+ 4 49.2	1.183	2.112	14.4	17.6
9 8	20 33.07	+ 3 33.8	1.215	2.093	17.8	17.8
476326 2007 YX_{28}			8 4.7 258°.90		1°.0/ 5.3 16	
6 30	21 23.60	−13 10.2	2.066	2.913	13.2	22.0
7 10	21 18.97	−13 17.9	1.980	2.904	10.1	21.8
7 20	21 12.38	−13 34.8	1.916	2.895	6.6	21.5
7 30	21 4.39	−13 58.7	1.878	2.887	2.8	21.3
8 9	20 55.79	−14 26.1	1.866	2.878	1.8	21.2
8 19	20 47.45	−14 53.6	1.883	2.869	5.7	21.4
8 29	20 40.29	−15 18.0	1.926	2.859	9.4	21.6
9 8	20 35.02	−15 36.9	1.992	2.850	12.7	21.8
51659 2001 JN_{1}			8 4.7 11°.23		4°.9/ 1.6 18	
6 30	21 21.05	−22 21.1	1.146	2.047	17.7	18.1
7 10	21 18.37	−23 47.6	1.093	2.048	13.4	17.8
7 20	21 12.59	−25 22.6	1.060	2.051	8.7	17.6
7 30	21 4.56	−26 55.4	1.048	2.055	5.1	17.4
8 9	20 55.67	−28 14.5	1.060	2.060	6.5	17.5
8 19	20 47.47	−29 11.5	1.094	2.066	10.8	17.8
8 29	20 41.43	−29 42.6	1.149	2.073	15.2	18.0
9 8	20 38.50	−29 48.8	1.223	2.081	19.1	18.3
230320 2002 CJ_{52}			8 4.7 210°.50		2°.4/ 6.7 18	
6 30	21 23.52	− 6 24.8	2.320	3.137	12.9	21.2
7 10	21 18.72	− 6 56.3	2.227	3.129	10.2	21.0
7 20	21 12.15	− 7 42.2	2.157	3.122	7.0	20.8
7 30	21 4.30	− 8 40.6	2.112	3.113	3.8	20.5
8 9	20 55.86	− 9 47.7	2.097	3.104	2.6	20.4
8 19	20 47.59	−10 58.9	2.110	3.094	5.3	20.6
8 29	20 40.31	−12 9.4	2.151	3.084	8.6	20.8
9 8	20 34.69	−13 14.8	2.217	3.073	11.7	21.0

289850 2005 LU_{53} 8 4.7 244°.42 1°.7/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.24	−12 14.2	1.607	2.461	15.9	21.0
7 10	21 21.42	−12 11.7	1.531	2.458	12.3	20.7
7 20	21 14.15	−12 21.0	1.474	2.454	8.1	20.5
7 30	21 5.09	−12 39.8	1.442	2.450	3.6	20.2
8 9	20 55.27	−13 4.4	1.435	2.446	2.4	20.1
8 19	20 45.88	−13 30.7	1.455	2.442	6.8	20.4
8 29	20 38.06	−13 54.5	1.499	2.438	11.2	20.6
9 8	20 32.67	−14 12.9	1.566	2.434	15.0	20.8

65030 2002 AR_{111} 8 4.7 202°.85 0°.5/ 4.2 18

6 30	21 21.06	−15 19.5	2.202	3.056	12.2	19.4
7 10	21 16.93	−16 9.2	2.125	3.056	9.2	19.2
7 20	21 11.04	−17 8.1	2.071	3.056	5.8	19.0
7 30	21 3.89	−18 12.0	2.044	3.055	2.1	18.7
8 9	20 56.21	−19 15.9	2.045	3.055	1.9	18.7
8 19	20 48.81	−20 15.2	2.073	3.055	5.6	19.0
8 29	20 42.49	−21 5.9	2.129	3.054	9.1	19.2
9 8	20 37.90	−21 45.7	2.207	3.054	12.1	19.4

338846 2003 XD_9 8 4.7 322°.89 0°.9/ 4.4 18

6 30	21 27.36	−20 36.1	1.400	2.278	16.5	19.2
7 10	21 22.97	−20 9.1	1.307	2.250	12.7	18.9
7 20	21 15.55	−19 43.6	1.233	2.222	8.2	18.6
7 30	21 5.73	−19 16.4	1.183	2.194	3.1	18.2
8 9	20 54.72	−18 44.3	1.157	2.168	2.7	18.1
8 19	20 44.00	−18 5.3	1.156	2.142	8.2	18.3
8 29	20 35.09	−17 19.2	1.178	2.118	13.4	18.6
9 8	20 29.15	−16 27.1	1.220	2.094	18.0	18.8

441369 2008 EH_{11} 8 4.7 278°.58 5°.0/31.9 18

6 30	21 25.80	−29 59.6	2.117	2.982	12.2	20.9
7 10	21 20.77	−30 47.7	2.043	2.975	9.5	20.7
7 20	21 13.58	−31 33.8	1.993	2.968	6.8	20.6
7 30	21 4.86	−32 12.0	1.968	2.960	5.1	20.5
8 9	20 55.52	−32 37.0	1.970	2.953	5.9	20.5
8 19	20 46.58	−32 45.7	1.998	2.946	8.4	20.6
8 29	20 39.03	−32 37.1	2.051	2.939	11.3	20.8
9 8	20 33.61	−32 12.9	2.126	2.931	13.9	21.0

122841 2000 SY_{121} 8 4.7 256°.78 2°.7/ 2.8 18

6 30	21 26.19	−22 2.7	1.935	2.799	13.2	20.1
7 10	21 21.26	−22 45.4	1.847	2.783	10.0	19.9
7 20	21 14.03	−23 33.1	1.782	2.767	6.4	19.7
7 30	21 5.08	−24 20.4	1.743	2.751	3.2	19.4
8 9	20 55.31	−25 1.5	1.731	2.734	3.8	19.4
8 19	20 45.80	−25 31.8	1.745	2.717	7.5	19.6
8 29	20 37.64	−25 48.6	1.786	2.699	11.2	19.8
9 8	20 31.68	−25 51.3	1.848	2.682	14.6	20.0

336304 2008 TW_3 8 4.7 278°.59 1°.8/ 5.5 18

6 30	21 27.11	−12 54.2	1.836	2.682	14.6	21.0
7 10	21 21.99	−12 35.4	1.739	2.662	11.4	20.7
7 20	21 14.53	−12 24.9	1.663	2.641	7.6	20.5
7 30	21 5.28	−12 21.6	1.612	2.620	3.5	20.2
8 9	20 55.16	−12 23.1	1.588	2.599	2.4	20.0
8 19	20 45.23	−12 26.9	1.591	2.577	6.5	20.3
8 29	20 36.63	−12 30.2	1.620	2.556	10.7	20.5
9 8	20 30.25	−12 31.0	1.672	2.534	14.5	20.7

72457 2001 DB_{14} 8 4.7 292°.42 10°.5/13.0 18

6 30	21 20.19	+11 4.0	1.515	2.279	20.8	19.3
7 10	21 17.25	+11 3.1	1.416	2.258	18.3	19.1
7 20	21 11.81	+10 26.8	1.333	2.236	15.5	18.8
7 30	21 4.36	+ 9 9.9	1.269	2.215	12.6	18.6
8 9	20 55.82	+ 7 12.2	1.226	2.193	10.7	18.4
8 19	20 47.33	+ 4 39.1	1.208	2.172	10.9	18.4
8 29	20 40.20	+ 1 42.2	1.214	2.151	13.4	18.5
9 8	20 35.48	− 1 23.2	1.243	2.130	16.9	18.6

487810 2015 TE_2 8 4.7 265°.36 3°.6/ 7.8 17

6 30	21 20.33	− 3 27.1	2.607	3.410	12.0	22.7
7 10	21 16.19	− 3 30.7	2.503	3.392	9.7	22.5
7 20	21 10.52	− 3 47.5	2.421	3.373	7.1	22.3
7 30	21 3.72	− 4 17.0	2.365	3.354	4.7	22.1
8 9	20 56.38	− 4 57.3	2.336	3.334	3.6	22.0
8 19	20 49.15	− 5 45.7	2.335	3.315	5.2	22.1
8 29	20 42.72	− 6 38.4	2.362	3.295	7.9	22.2
9 8	20 37.68	− 7 31.5	2.413	3.274	10.7	22.4

523025 2016 PQ_{124} 8 4.7 216°.51 0°.9/ 4.1 18

6 30	21 25.31	−18 30.1	2.019	2.876	13.0	21.2
7 10	21 20.28	−18 46.9	1.942	2.874	9.8	21.0
7 20	21 13.21	−19 9.1	1.888	2.872	6.2	20.8
7 30	21 4.72	−19 33.3	1.859	2.870	2.3	20.5
8 9	20 55.66	−19 55.4	1.858	2.868	2.2	20.5
8 19	20 46.97	−20 12.1	1.884	2.865	6.1	20.7
8 29	20 39.60	−20 21.1	1.937	2.863	9.8	21.0
9 8	20 34.24	−20 21.6	2.012	2.860	13.0	21.2

3979 Brorsen 8 4.7 218°.52 0°.8/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.94	−18 2.5	2.328	3.182	11.6	17.2
7 10	21 18.25	−18 23.0	2.250	3.180	8.8	17.0
7 20	21 11.82	−18 48.7	2.195	3.179	5.5	16.8
7 30	21 4.20	−19 16.6	2.166	3.177	2.0	16.5
8 9	20 56.10	−19 43.0	2.166	3.176	2.0	16.5
8 19	20 48.31	−20 4.9	2.193	3.174	5.4	16.8
8 29	20 41.61	−20 20.1	2.248	3.172	8.7	17.0
9 8	20 36.61	−20 27.4	2.326	3.170	11.6	17.1

319598 2006 SJ_{184} 8 4.7 19°.92 0°.0/ 4.7 17

6 30	21 21.13	−14 39.2	1.010	1.906	19.9	20.1
7 10	21 18.44	−14 58.4	0.962	1.914	15.1	19.9
7 20	21 12.62	−15 33.1	0.931	1.922	9.6	19.6
7 30	21 4.60	−16 17.8	0.921	1.933	3.6	19.3
8 9	20 55.85	−17 4.8	0.932	1.944	2.6	19.3
8 19	20 47.94	−17 46.7	0.966	1.957	8.5	19.7
8 29	20 42.30	−18 17.9	1.020	1.971	13.8	20.0
9 8	20 39.78	−18 35.5	1.093	1.986	18.2	20.3

429888 2012 TY_{35} 8 4.7 28°.32 8°.4/11.2 18

6 30	21 20.32	+ 5 49.5	1.621	2.410	18.7	20.6
7 10	21 16.86	+ 6 5.2	1.550	2.414	15.9	20.4
7 20	21 11.23	+ 5 54.0	1.496	2.418	12.9	20.3
7 30	21 4.05	+ 5 14.3	1.463	2.423	10.1	20.1
8 9	20 56.24	+ 4 7.8	1.453	2.428	8.4	20.0
8 19	20 48.80	+ 2 40.0	1.467	2.433	9.1	20.1
8 29	20 42.75	+ 0 58.7	1.505	2.439	11.5	20.2
9 8	20 38.86	− 0 46.5	1.566	2.445	14.4	20.4

426448 2013 QK_{57} 8 4.7 297°.43 3°.2/ 2.8 17

6 30	21 24.94	−21 13.8	1.402	2.284	16.2	21.2
7 10	21 21.09	−22 3.7	1.323	2.268	12.4	20.9
7 20	21 14.33	−23 2.1	1.264	2.253	7.9	20.6
7 30	21 5.32	−24 1.9	1.228	2.237	3.8	20.4
8 9	20 55.22	−24 54.8	1.217	2.222	4.7	20.4
8 19	20 45.47	−25 34.0	1.230	2.207	9.3	20.6
8 29	20 37.53	−25 55.2	1.266	2.192	13.9	20.8
9 8	20 32.47	−25 58.1	1.322	2.178	18.0	21.0

328228 2008 FA_{34} 8 4.7 51°.23 1°.4/ 3.9 17

6 30	21 26.64	−18 19.1	1.315	2.194	17.3	20.6
7 10	21 22.00	−18 46.0	1.263	2.207	13.0	20.4
7 20	21 14.58	−19 21.4	1.232	2.221	8.1	20.2
7 30	21 5.27	−19 59.4	1.223	2.235	3.0	19.9
8 9	20 55.38	−20 33.4	1.240	2.249	3.1	19.9
8 19	20 46.29	−20 58.5	1.280	2.264	8.0	20.3
8 29	20 39.24	−21 11.7	1.344	2.279	12.5	20.6
9 8	20 35.02	−21 12.4	1.429	2.295	16.3	20.9

519916 2013 RE_{104} 8 4.7 277°.23 3°.4/ 6.8 17

6 30	21 23.05	− 6 41.6	1.578	2.421	16.7	21.6
7 10	21 19.19	− 6 51.6	1.492	2.409	13.3	21.4
7 20	21 12.89	− 7 20.4	1.425	2.396	9.3	21.1
7 30	21 4.73	− 8 6.6	1.382	2.384	5.2	20.8
8 9	20 55.69	− 9 6.3	1.364	2.371	3.6	20.7
8 19	20 46.88	−10 13.5	1.371	2.358	7.0	20.9
8 29	20 39.51	−11 21.5	1.403	2.346	11.4	21.1
9 8	20 34.49	−12 24.2	1.456	2.333	15.5	21.3

250101 2002 GF_{182} 8 4.7 243°.20 2°.4/ 3.3 17

6 30	21 27.97	−20 18.9	1.562	2.432	15.5	21.4
7 10	21 23.04	−20 59.7	1.484	2.423	11.8	21.1
7 20	21 15.38	−21 48.1	1.426	2.413	7.5	20.8
7 30	21 5.66	−22 37.8	1.393	2.403	3.3	20.5
8 9	20 55.00	−23 21.9	1.386	2.392	3.8	20.6
8 19	20 44.73	−23 54.8	1.404	2.381	8.3	20.8
8 29	20 36.17	−24 13.0	1.447	2.370	12.7	21.0
9 8	20 30.30	−24 16.1	1.510	2.358	16.6	21.2

177944 2005 VM_{64} 8 4.7 61°.28 0°.3/ 4.9 18

6 30	21 22.16	−14 2.1	2.027	2.880	13.2	20.4
7 10	21 17.77	−14 29.9	1.964	2.893	10.0	20.2
7 20	21 11.55	−15 6.7	1.924	2.907	6.3	20.0
7 30	21 4.11	−15 49.3	1.910	2.920	2.4	19.8
8 9	20 56.25	−16 33.2	1.923	2.934	1.7	19.8
8 19	20 48.81	−17 14.3	1.963	2.948	5.5	20.1
8 29	20 42.62	−17 49.4	2.030	2.962	9.1	20.3
9 8	20 38.27	−18 16.2	2.120	2.976	12.1	20.5

368653 2005 EN_{171} 8 4.7 89°.00 1°.3/ 5.3 17

6 30	21 28.63	−13 16.8	1.458	2.316	17.0	20.8
7 10	21 23.24	−13 16.1	1.399	2.329	13.0	20.6
7 20	21 15.26	−13 27.1	1.360	2.342	8.4	20.4
7 30	21 5.52	−13 46.6	1.345	2.355	3.5	20.1
8 9	20 55.20	−14 10.2	1.356	2.367	2.3	20.1
8 19	20 45.58	−14 33.5	1.392	2.380	7.0	20.4
8 29	20 37.82	−14 52.9	1.453	2.392	11.5	20.7
9 8	20 32.70	−15 5.7	1.535	2.404	15.3	21.0

28894 Ryanchung 8 4.7 297°.97 2°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.42	− 8 30.0	1.559	2.410	16.5	18.1
7 10	21 18.72	− 8 39.8	1.474	2.397	13.0	17.8
7 20	21 12.60	− 9 6.6	1.410	2.385	8.9	17.5
7 30	21 4.64	− 9 48.8	1.368	2.373	4.6	17.3
8 9	20 55.80	−10 42.2	1.352	2.361	3.1	17.1
8 19	20 47.22	−11 41.1	1.360	2.349	6.9	17.3
8 29	20 40.11	−12 39.2	1.394	2.338	11.4	17.6
9 8	20 35.36	−13 31.2	1.449	2.326	15.5	17.8

143166 2002 XZ_{59} 8 4.7 171°.38 1°.7/ 3.4 18

6 30	21 23.98	−19 52.3	2.216	3.073	12.0	20.3
7 10	21 19.14	−20 30.0	2.142	3.075	9.0	20.1
7 20	21 12.45	−21 12.5	2.091	3.076	5.7	19.9
7 30	21 4.47	−21 55.8	2.067	3.077	2.4	19.7
8 9	20 55.98	−22 35.2	2.071	3.078	2.7	19.7
8 19	20 47.82	−23 7.2	2.103	3.079	6.1	19.9
8 29	20 40.85	−23 29.3	2.161	3.079	9.4	20.1
9 8	20 35.70	−23 40.5	2.243	3.079	12.3	20.3

18203 2837 *P–L* 8 4.7 142°.72 1°.6/ 5.8 18

6 30	21 25.09	−10 46.1	1.871	2.714	14.5	19.3
7 10	21 20.18	−11 2.0	1.799	2.720	11.2	19.1
7 20	21 13.20	−11 30.2	1.749	2.725	7.4	18.9
7 30	21 4.76	−12 8.0	1.723	2.731	3.4	18.7
8 9	20 55.77	−12 51.3	1.725	2.736	2.1	18.6
8 19	20 47.19	−13 35.7	1.754	2.740	5.9	18.9
8 29	20 39.95	−14 16.9	1.809	2.745	9.8	19.1
9 8	20 34.78	−14 51.6	1.887	2.749	13.2	19.3

78044 2002 JH_{116} 8 4.7 47°.07 6°.1/ 7.4 18

6 30	21 28.05	− 5 50.4	1.158	2.011	20.8	18.7
7 10	21 23.12	− 4 54.1	1.111	2.030	16.7	18.5
7 20	21 15.30	− 4 18.1	1.082	2.049	12.0	18.3
7 30	21 5.54	− 4 3.6	1.074	2.069	7.8	18.1
8 9	20 55.25	− 4 8.5	1.088	2.089	6.2	18.1
8 19	20 45.88	− 4 28.6	1.126	2.110	8.8	18.3
8 29	20 38.68	− 4 57.7	1.186	2.131	12.9	18.6
9 8	20 34.47	− 5 29.5	1.267	2.153	16.7	18.9

417651 2006 XT_{71} 8 4.7 136°.40 2°.2/ 3.1 17

6 30	21 26.87	−19 36.4	1.802	2.665	14.1	21.6
7 10	21 21.68	−20 33.2	1.738	2.674	10.6	21.4
7 20	21 14.21	−21 36.8	1.697	2.683	6.6	21.2
7 30	21 5.15	−22 41.1	1.682	2.692	2.9	21.0
8 9	20 55.50	−23 39.6	1.694	2.700	3.4	21.0
8 19	20 46.33	−24 27.1	1.733	2.707	7.3	21.3
8 29	20 38.69	−25 0.4	1.797	2.714	11.0	21.5
9 8	20 33.33	−25 19.0	1.884	2.721	14.2	21.8

183941 2004 DX_{29} 8 4.7 289°.25 2°.7/ 3.3 18

6 30	21 28.18	−21 44.9	1.487	2.362	15.9	20.5
7 10	21 23.57	−22 9.7	1.395	2.336	12.2	20.2
7 20	21 15.97	−22 40.3	1.323	2.310	7.9	19.9
7 30	21 5.98	−23 11.0	1.274	2.284	3.6	19.6
8 9	20 54.76	−23 34.9	1.251	2.258	4.1	19.5
8 19	20 43.74	−23 46.8	1.253	2.231	8.9	19.7
8 29	20 34.45	−23 43.9	1.278	2.205	13.7	19.9
9 8	20 28.06	−23 26.1	1.323	2.178	18.1	20.1

295767 2008 UK_{170} 8 4.7 232°.81 2°.9/ 2.9 18

6 30	21 27.65	−23 31.2	1.978	2.840	13.1	21.0
7 10	21 22.23	−24 1.3	1.898	2.832	9.9	20.8
7 20	21 14.58	−24 33.7	1.841	2.825	6.4	20.6
7 30	21 5.31	−25 3.4	1.810	2.816	3.3	20.4
8 9	20 55.37	−25 25.6	1.806	2.808	3.9	20.4
8 19	20 45.80	−25 36.7	1.829	2.799	7.3	20.6
8 29	20 37.66	−25 35.1	1.877	2.790	10.8	20.8
9 8	20 31.71	−25 21.3	1.949	2.781	14.0	21.0

432489 2010 EV_{65} 8 4.7 80°.17 0°.9/ 5.4 17

6 30	21 22.61	−10 18.6	1.811	2.659	14.7	20.7
7 10	21 18.34	−11 11.7	1.748	2.672	11.2	20.5
7 20	21 12.04	−12 19.3	1.706	2.685	7.3	20.3
7 30	21 4.34	−13 37.2	1.690	2.699	3.0	20.1
8 9	20 56.13	−14 59.1	1.701	2.712	1.8	20.0
8 19	20 48.34	−16 18.5	1.739	2.725	5.9	20.3
8 29	20 41.92	−17 29.9	1.803	2.739	9.8	20.6
9 8	20 37.52	−18 29.6	1.891	2.752	13.2	20.9

183956 2004 DC_{52} 8 4.7 139°.12 0°.6/ 4.3 17

6 30	21 28.39	−16 42.1	1.894	2.746	14.0	21.2
7 10	21 22.62	−17 9.6	1.828	2.757	10.6	21.0
7 20	21 14.70	−17 44.7	1.785	2.768	6.6	20.8
7 30	21 5.31	−18 23.1	1.768	2.779	2.4	20.5
8 9	20 55.41	−19 0.0	1.778	2.789	2.1	20.5
8 19	20 46.01	−19 31.3	1.817	2.798	6.3	20.8
8 29	20 38.09	−19 54.2	1.881	2.807	10.1	21.1
9 8	20 32.35	−20 7.4	1.968	2.815	13.3	21.3

442974 2013 CJ_{141} 8 4.7 130°.89 3°.4/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 28.05	−26 48.7	2.182	3.041	12.1	21.5
7 10	21 22.22	−27 6.8	2.112	3.044	9.2	21.4
7 20	21 14.38	−27 23.6	2.066	3.046	6.1	21.2
7 30	21 5.18	−27 34.6	2.045	3.048	3.7	21.0
8 9	20 55.53	−27 36.2	2.053	3.050	4.2	21.1
8 19	20 46.36	−27 26.1	2.088	3.052	7.0	21.2
8 29	20 38.60	−27 4.3	2.149	3.054	10.0	21.4
9 8	20 32.88	−26 31.9	2.233	3.056	12.8	21.6

521704 2015 RZ_{263} 8 4.7 126°.09 0°.1/ 4.6 18

6 30	21 25.40	−17 21.4	2.260	3.109	12.1	21.7
7 10	21 20.09	−17 20.2	2.184	3.112	9.2	21.5
7 20	21 12.99	−17 23.7	2.132	3.114	5.8	21.3
7 30	21 4.67	−17 29.5	2.106	3.117	2.1	21.0
8 9	20 55.91	−17 34.8	2.108	3.119	1.7	21.0
8 19	20 47.53	−17 37.4	2.138	3.121	5.3	21.3
8 29	20 40.33	−17 35.6	2.195	3.123	8.7	21.5
9 8	20 34.93	−17 28.5	2.277	3.125	11.7	21.7

374938 2007 BU_{19} 8 4.7 220°.08 4°.2/ 2.1 18

6 30	21 31.79	−27 27.7	2.039	2.895	12.9	21.8
7 10	21 25.39	−28 2.8	1.957	2.886	10.0	21.6
7 20	21 16.60	−28 37.2	1.898	2.876	6.8	21.4
7 30	21 6.08	−29 5.0	1.865	2.865	4.4	21.2
8 9	20 54.82	−29 20.8	1.860	2.854	5.1	21.2
8 19	20 43.97	−29 21.6	1.883	2.841	8.1	21.4
8 29	20 34.64	−29 6.6	1.931	2.828	11.4	21.6
9 8	20 27.66	−28 37.5	2.002	2.815	14.4	21.8

478963 2012 XA_{85} 8 4.7 255°.91 0°.6/ 5.2 18

6 30	21 23.63	−12 13.2	2.310	3.148	12.3	22.7
7 10	21 19.00	−12 49.5	2.206	3.126	9.5	22.5
7 20	21 12.50	−13 37.2	2.125	3.103	6.1	22.3
7 30	21 4.58	−14 33.3	2.070	3.080	2.5	22.0
8 9	20 55.93	−15 33.8	2.044	3.056	1.6	21.9
8 19	20 47.36	−16 34.0	2.047	3.031	5.4	22.1
8 29	20 39.74	−17 29.6	2.077	3.006	9.1	22.3
9 8	20 33.80	−18 17.3	2.132	2.980	12.4	22.5

168406 1998 FP_{119} 8 4.7 102°.20 0°.0/ 4.6 17

6 30	21 28.41	−14 54.5	1.541	2.400	16.2	20.5
7 10	21 22.98	−15 25.3	1.484	2.417	12.3	20.3
7 20	21 15.07	−16 7.0	1.449	2.434	7.7	20.1
7 30	21 5.48	−16 54.6	1.439	2.450	2.8	19.8
8 9	20 55.36	−17 42.1	1.454	2.465	2.2	19.8
8 19	20 45.90	−18 24.2	1.496	2.481	7.0	20.2
8 29	20 38.23	−18 57.0	1.563	2.496	11.2	20.5
9 8	20 33.09	−19 18.5	1.652	2.510	14.9	20.7

380246 2001 UD_{175} 8 4.7 288°.88 1°.2/ 3.9 18

6 30	21 24.15	−17 3.4	1.602	2.471	15.2	20.8
7 10	21 20.19	−17 41.8	1.512	2.451	11.6	20.6
7 20	21 13.65	−18 31.4	1.443	2.430	7.4	20.3
7 30	21 5.10	−19 27.4	1.397	2.409	2.8	19.9
8 9	20 55.54	−20 23.2	1.378	2.388	2.8	19.9
8 19	20 46.16	−21 12.6	1.384	2.367	7.7	20.1
8 29	20 38.26	−21 50.6	1.415	2.346	12.3	20.3
9 8	20 32.84	−22 14.6	1.466	2.325	16.4	20.5

315162 2007 FL_{24} 8 4.7 209°.18 0°.7/ 4.1 18

6 30	21 22.37	−17 47.4	2.666	3.515	10.5	21.9
7 10	21 17.67	−18 14.1	2.583	3.511	7.9	21.7
7 20	21 11.43	−18 45.8	2.523	3.506	5.0	21.6
7 30	21 4.12	−19 19.6	2.491	3.501	1.8	21.3
8 9	20 56.36	−19 52.2	2.487	3.496	1.8	21.3
8 19	20 48.83	−20 20.7	2.512	3.491	4.9	21.5
8 29	20 42.23	−20 42.9	2.564	3.486	7.9	21.7
9 8	20 37.11	−20 57.4	2.641	3.480	10.6	21.9

106920 2000 YG_{54} 8 4.7 182°.59 1°.6/ 3.6 18

6 30	21 27.44	−18 13.5	1.720	2.582	14.7	19.4
7 10	21 22.30	−19 1.0	1.648	2.583	11.1	19.1
7 20	21 14.73	−19 57.0	1.597	2.583	7.0	18.9
7 30	21 5.42	−20 55.9	1.572	2.583	2.7	18.6
8 9	20 55.38	−21 51.3	1.574	2.582	3.0	18.7
8 19	20 45.76	−22 37.5	1.602	2.581	7.3	18.9
8 29	20 37.70	−23 11.0	1.656	2.579	11.4	19.2
9 8	20 32.03	−23 30.4	1.732	2.577	14.9	19.4

476098 2007 TH_{115} 8 4.7 243°.21 5°.9/30.2 18

6 30	21 27.76	−33 27.6	2.448	3.302	11.1	21.7
7 10	21 22.26	−34 39.9	2.365	3.285	8.9	21.6
7 20	21 14.62	−35 49.6	2.306	3.267	6.9	21.4
7 30	21 5.38	−36 50.0	2.274	3.249	5.9	21.3
8 9	20 55.38	−37 35.5	2.269	3.230	6.8	21.3
8 19	20 45.58	−38 2.2	2.291	3.211	8.9	21.4
8 29	20 37.00	−38 8.9	2.337	3.191	11.3	21.6
9 8	20 30.44	−37 57.3	2.405	3.170	13.6	21.7

442531 2011 WG_{126} 8 4.7 113°.36 4°.4/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.40	− 2 58.0	2.250	3.056	13.6	21.4
7 10	21 17.83	− 2 41.7	2.173	3.061	11.0	21.2
7 20	21 11.59	− 2 39.4	2.118	3.067	8.2	21.0
7 30	21 4.19	− 2 51.1	2.087	3.072	5.5	20.9
8 9	20 56.34	− 3 15.0	2.082	3.077	4.4	20.8
8 19	20 48.79	− 3 48.4	2.105	3.082	5.9	20.9
8 29	20 42.30	− 4 27.6	2.155	3.087	8.6	21.1
9 8	20 37.45	− 5 8.4	2.228	3.092	11.3	21.3

161051 2002 JW_{24} 8 4.7 55°.00 8°.6/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.22	−35 29.4	1.616	2.489	14.9	19.6
7 10	21 23.26	−37 0.9	1.571	2.499	12.0	19.4
7 20	21 15.46	−38 24.8	1.549	2.510	9.6	19.3
7 30	21 5.68	−39 31.2	1.550	2.521	8.6	19.2
8 9	20 55.24	−40 12.6	1.575	2.532	9.7	19.3
8 19	20 45.56	−40 25.6	1.624	2.543	12.0	19.5
8 29	20 37.94	−40 11.3	1.694	2.554	14.6	19.7
9 8	20 33.21	−39 34.3	1.783	2.566	17.1	19.9

67749 2000 UZ_{46} 8 4.7 259°.59 4°.6/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.16	− 5 38.9	1.509	2.347	17.6	19.3
7 10	21 20.85	− 5 24.9	1.427	2.339	14.1	19.0
7 20	21 14.00	− 5 29.1	1.365	2.331	10.2	18.8
7 30	21 5.21	− 5 51.5	1.325	2.322	6.2	18.5
8 9	20 55.53	− 6 29.2	1.310	2.314	4.6	18.4
8 19	20 46.16	− 7 17.7	1.319	2.305	7.6	18.6
8 29	20 38.35	− 8 10.9	1.354	2.296	11.8	18.8
9 8	20 33.03	− 9 2.5	1.409	2.287	15.8	19.0

518415 2018 DE_{3} 8 4.7 175°.67 4°.2/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.83	−31 35.1	2.806	3.655	10.0	21.9
7 10	21 21.73	−32 4.8	2.735	3.657	7.8	21.8
7 20	21 13.94	−32 30.8	2.689	3.658	5.6	21.6
7 30	21 5.04	−32 48.9	2.671	3.659	4.3	21.5
8 9	20 55.74	−32 55.8	2.681	3.660	4.8	21.6
8 19	20 46.85	−32 49.9	2.719	3.660	6.8	21.7
8 29	20 39.10	−32 30.9	2.784	3.660	9.0	21.8
9 8	20 33.06	−32 0.3	2.872	3.660	11.1	22.0

260240 2004 RK_{315} 8 4.7 285°.71 5°.5/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.75	−32 12.0	2.284	3.146	11.5	20.5
7 10	21 20.76	−33 2.1	2.203	3.130	9.1	20.3
7 20	21 13.66	−33 49.3	2.145	3.114	6.8	20.1
7 30	21 5.02	−34 27.5	2.113	3.098	5.5	20.0
8 9	20 55.72	−34 51.7	2.107	3.082	6.3	20.0
8 19	20 46.74	−34 58.7	2.128	3.065	8.6	20.2
8 29	20 39.04	−34 47.8	2.174	3.049	11.2	20.3
9 8	20 33.38	−34 20.5	2.241	3.033	13.7	20.4

207305 2005 GN_{56} 8 4.7 116°.27 2°.7/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.01	− 7 32.5	2.023	2.853	14.0	21.0
7 10	21 18.48	− 7 42.1	1.950	2.860	11.0	20.8
7 20	21 12.09	− 8 5.4	1.898	2.866	7.6	20.6
7 30	21 4.40	− 8 40.5	1.872	2.873	4.1	20.4
8 9	20 56.22	− 9 24.0	1.872	2.879	2.8	20.4
8 19	20 48.39	−10 11.9	1.899	2.885	5.6	20.5
8 29	20 41.76	−10 59.7	1.953	2.891	9.1	20.8
9 8	20 36.98	−11 43.7	2.031	2.897	12.2	21.0

367950 2012 DM_{35} 8 4.7 172°.38 0°.9/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.13	−16 15.7	1.655	2.515	15.2	21.6
7 10	21 22.11	−16 58.2	1.584	2.517	11.5	21.4
7 20	21 14.65	−17 51.1	1.534	2.519	7.3	21.2
7 30	21 5.41	−18 49.2	1.510	2.521	2.6	20.9
8 9	20 55.45	−19 46.0	1.512	2.522	2.5	20.9
8 19	20 45.93	−20 35.8	1.540	2.522	7.1	21.2
8 29	20 38.01	−21 14.4	1.594	2.522	11.4	21.4
9 8	20 32.52	−21 39.9	1.670	2.522	15.0	21.7

204492 2005 BG_{29} 8 4.7 100°.50 2°.5/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.06	− 7 52.5	2.152	2.976	13.5	20.8
7 10	21 19.77	− 8 1.1	2.091	2.998	10.5	20.7
7 20	21 12.76	− 8 21.9	2.052	3.019	7.2	20.5
7 30	21 4.61	− 8 52.9	2.039	3.041	3.9	20.3
8 9	20 56.10	− 9 30.9	2.054	3.061	2.6	20.3
8 19	20 48.05	−10 12.2	2.097	3.081	5.3	20.5
8 29	20 41.21	−10 53.0	2.167	3.101	8.5	20.7
9 8	20 36.16	−11 30.2	2.261	3.120	11.4	20.9

444293 2005 UO_{511} 8 4.7 213°.74 0°.7/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.61	−17 50.5	2.622	3.471	10.6	22.8
7 10	21 17.89	−18 17.3	2.538	3.466	8.0	22.6
7 20	21 11.61	−18 49.2	2.477	3.461	5.0	22.4
7 30	21 4.22	−19 23.2	2.444	3.455	1.9	22.2
8 9	20 56.36	−19 56.0	2.440	3.449	1.8	22.1
8 19	20 48.74	−20 24.6	2.464	3.443	5.0	22.4
8 29	20 42.06	−20 46.7	2.515	3.437	8.1	22.5
9 8	20 36.89	−21 0.9	2.591	3.430	10.7	22.7

461878 2006 JB_{34} 8 4.7 39°.37 3°.1/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.73	−20 24.1	1.118	2.011	18.6	20.9
7 10	21 21.83	−21 13.7	1.071	2.022	14.0	20.7
7 20	21 14.75	−22 11.6	1.042	2.033	8.8	20.4
7 30	21 5.46	−23 9.4	1.035	2.045	4.0	20.2
8 9	20 55.47	−23 58.0	1.051	2.058	4.6	20.3
8 19	20 46.37	−24 31.0	1.090	2.071	9.5	20.6
8 29	20 39.60	−24 45.4	1.151	2.085	14.2	20.9
9 8	20 36.01	−24 41.9	1.230	2.099	18.3	21.2

299170 2005 GX_{40} 8 4.7 334°.99 2°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.30	−21 39.1	1.687	2.563	14.3	20.5
7 10	21 19.28	−22 19.7	1.614	2.556	10.8	20.3
7 20	21 12.88	−23 5.6	1.563	2.551	6.9	20.0
7 30	21 4.77	−23 51.3	1.536	2.545	3.3	19.8
8 9	20 55.94	−24 30.5	1.535	2.540	3.9	19.8
8 19	20 47.52	−24 58.6	1.560	2.535	7.8	20.0
8 29	20 40.63	−25 12.7	1.608	2.531	11.7	20.3
9 8	20 36.08	−25 12.4	1.678	2.527	15.2	20.5

249405 2009 CB_{42} 8 4.7 18°.65 0°.8/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.93	−12 13.4	1.777	2.632	14.6	20.8
7 10	21 17.98	−12 44.0	1.705	2.634	11.2	20.6
7 20	21 11.93	−13 27.2	1.654	2.636	7.2	20.3
7 30	21 4.39	−14 19.6	1.628	2.637	2.9	20.1
8 9	20 56.24	−15 16.1	1.628	2.639	1.9	20.0
8 19	20 48.47	−16 11.3	1.655	2.642	6.1	20.3
8 29	20 42.05	−17 0.4	1.707	2.644	10.1	20.5
9 8	20 37.70	−17 40.1	1.782	2.647	13.6	20.8

189150 2002 HV_{7} 8 4.7 217°.45 1°.4/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.67	−10 6.8	2.800	3.625	10.7	21.4
7 10	21 17.08	−10 24.2	2.706	3.617	8.3	21.2
7 20	21 11.06	−10 50.5	2.637	3.608	5.5	21.0
7 30	21 4.02	−11 24.1	2.594	3.599	2.7	20.8
8 9	20 56.52	−12 2.5	2.580	3.590	1.7	20.7
8 19	20 49.19	−12 42.6	2.595	3.580	4.4	20.9
8 29	20 42.68	−13 21.5	2.639	3.570	7.3	21.1
9 8	20 37.50	−13 56.7	2.707	3.559	9.9	21.3

260209 2004 RB_{197} 8 4.7 331°.93 7°.3/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.20	−32 27.6	1.539	2.422	15.0	18.9
7 10	21 20.64	−33 13.2	1.453	2.392	12.0	18.6
7 20	21 14.13	−33 55.2	1.388	2.363	9.0	18.4
7 30	21 5.35	−34 25.1	1.346	2.335	7.3	18.2
8 9	20 55.47	−34 35.3	1.327	2.308	8.3	18.2
8 19	20 45.95	−34 21.1	1.331	2.282	11.4	18.3
8 29	20 38.27	−33 42.0	1.357	2.257	15.0	18.5
9 8	20 33.50	−32 41.3	1.403	2.234	18.5	18.6

500175 2012 FM_{44} 8 4.7 62°.48 2°.1/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.01	− 8 30.9	1.387	2.243	17.9	20.6
7 10	21 19.87	− 9 8.2	1.333	2.260	13.8	20.4
7 20	21 13.23	−10 4.8	1.299	2.277	9.2	20.2
7 30	21 4.88	−11 16.1	1.287	2.294	4.3	19.9
8 9	20 55.95	−12 35.1	1.301	2.312	2.6	19.9
8 19	20 47.66	−13 54.0	1.340	2.329	6.9	20.2
8 29	20 41.14	−15 5.7	1.403	2.347	11.4	20.5
9 8	20 37.16	−16 5.4	1.488	2.364	15.2	20.8

516935 2012 AM_{13} 8 4.7 261°.83 1°.5/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.72	−18 5.4	2.361	3.216	11.4	21.6
7 10	21 17.53	−19 5.9	2.270	3.202	8.6	21.4
7 20	21 11.56	−20 14.3	2.203	3.188	5.4	21.2
7 30	21 4.27	−21 26.1	2.163	3.173	2.2	20.9
8 9	20 56.34	−22 36.2	2.152	3.158	2.6	20.9
8 19	20 48.56	−23 39.6	2.169	3.143	6.0	21.1
8 29	20 41.76	−24 32.4	2.213	3.128	9.3	21.3
9 8	20 36.61	−25 12.7	2.280	3.113	12.2	21.5

382185 2012 KF_{18} 8 4.7 205°.11 18°.9/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 29.75	+21 23.7	1.409	2.096	25.2	21.1
7 10	21 24.86	+23 31.3	1.338	2.092	23.5	20.9
7 20	21 16.88	+25 5.9	1.280	2.088	21.8	20.8
7 30	21 6.42	+25 57.1	1.237	2.082	20.2	20.7
8 9	20 54.65	+25 57.9	1.210	2.076	19.1	20.6
8 19	20 43.08	+25 6.9	1.200	2.069	19.0	20.5
8 29	20 33.29	+23 29.7	1.208	2.061	19.8	20.6
9 8	20 26.50	+21 18.6	1.234	2.052	21.3	20.7

426706 2013 TN_{34} 8 4.7 201°.16 9°.6/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.51	−38 54.2	1.678	2.539	15.0	21.0
7 10	21 26.72	−40 19.1	1.623	2.538	12.5	20.8
7 20	21 17.80	−41 34.4	1.589	2.537	10.4	20.7
7 30	21 6.63	−42 29.7	1.578	2.536	9.6	20.6
8 9	20 54.61	−42 57.4	1.592	2.535	10.6	20.7
8 19	20 43.34	−42 54.2	1.628	2.533	12.8	20.8
8 29	20 34.28	−42 21.9	1.686	2.531	15.4	21.0
9 8	20 28.36	−41 25.9	1.763	2.529	17.8	21.2

360975 2005 UK_{253} 8 4.7 186°.22 3°.6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.52	− 3 9.6	2.786	3.582	11.5	21.2
7 10	21 16.93	− 3 4.2	2.699	3.582	9.3	21.0
7 20	21 10.94	− 3 10.4	2.634	3.581	6.9	20.9
7 30	21 3.98	− 3 28.1	2.594	3.580	4.6	20.7
8 9	20 56.61	− 3 55.5	2.583	3.578	3.6	20.7
8 19	20 49.45	− 4 30.4	2.600	3.577	5.0	20.8
8 29	20 43.11	− 5 9.6	2.645	3.574	7.4	20.9
9 8	20 38.10	− 5 49.8	2.715	3.572	9.8	21.1

629 Bernardina 8 4.7 188°.74 2°.5/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.79	−23 29.0	2.777	3.633	9.9	15.7
7 10	21 18.00	−24 17.8	2.700	3.632	7.5	15.5
7 20	21 11.67	−25 8.8	2.648	3.630	4.8	15.3
7 30	21 4.26	−25 57.9	2.624	3.629	2.7	15.2
8 9	20 56.40	−26 41.3	2.629	3.627	3.3	15.2
8 19	20 48.79	−27 15.7	2.662	3.625	5.7	15.4
8 29	20 42.10	−27 39.3	2.722	3.622	8.4	15.5
9 8	20 36.91	−27 51.6	2.806	3.619	10.7	15.7

39084 2000 VB_{34} 8 4.7 338°.19 0°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 19.52	−15 19.1	1.220	2.109	17.7	18.3
7 10	21 17.18	−15 29.3	1.144	2.092	13.6	18.0
7 20	21 11.98	−15 52.5	1.087	2.076	8.8	17.7
7 30	21 4.57	−16 25.0	1.050	2.062	3.3	17.3
8 9	20 56.13	−17 1.2	1.037	2.049	2.4	17.2
8 19	20 48.07	−17 34.7	1.046	2.037	8.1	17.5
8 29	20 41.84	−18 0.2	1.077	2.026	13.4	17.8
9 8	20 38.50	−18 14.4	1.127	2.017	18.0	18.0

441865 2009 YZ_{2} 8 4.7 136°.01 1°.6/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.00	−10 48.1	2.124	2.957	13.3	22.2
7 10	21 20.61	−10 56.9	2.054	2.969	10.3	22.0
7 20	21 13.38	−11 16.0	2.006	2.980	6.8	21.8
7 30	21 4.90	−11 43.4	1.984	2.990	3.2	21.6
8 9	20 55.96	−12 15.6	1.990	3.000	2.1	21.5
8 19	20 47.42	−12 49.1	2.024	3.010	5.4	21.8
8 29	20 40.12	−13 20.6	2.085	3.018	8.8	22.0
9 8	20 34.67	−13 47.5	2.171	3.027	11.9	22.2

352577 2008 DD_{55} 8 4.7 71°.37 7°.2/ 1.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.64	−39 4.7	2.121	2.963	13.1	20.8
7 10	21 28.64	−39 31.4	2.080	2.986	10.6	20.6
7 20	21 18.33	−39 46.9	2.060	3.009	8.4	20.5
7 30	21 6.63	−39 45.1	2.067	3.031	7.2	20.5
8 9	20 54.77	−39 22.8	2.100	3.054	7.8	20.6
8 19	20 43.91	−38 40.0	2.159	3.076	9.5	20.7
8 29	20 35.05	−37 39.4	2.243	3.099	11.7	20.9
9 8	20 28.76	−36 25.7	2.349	3.121	13.7	21.1

168230 2006 KV_{39} 8 4.7 36°.41 6°.1/ 2.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 31.91	−31 23.0	1.444	2.320	16.2	19.6
7 10	21 25.92	−31 43.2	1.396	2.333	12.6	19.4
7 20	21 17.01	−31 57.0	1.369	2.347	8.9	19.2
7 30	21 6.24	−31 57.2	1.366	2.361	6.3	19.1
8 9	20 55.04	−31 38.8	1.387	2.377	7.0	19.2
8 19	20 44.90	−31 1.0	1.433	2.392	10.0	19.4
8 29	20 37.05	−30 6.0	1.502	2.408	13.4	19.7
9 8	20 32.21	−28 58.3	1.591	2.425	16.5	19.9

294122 2007 TH_{261} 8 4.7 262°.67 1°.3/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.80	−18 54.7	2.106	2.963	12.6	21.6
7 10	21 20.06	−19 24.2	2.014	2.947	9.5	21.4
7 20	21 13.26	−19 59.9	1.946	2.930	6.0	21.2
7 30	21 4.94	−20 37.8	1.903	2.914	2.4	20.9
8 9	20 55.91	−21 13.6	1.888	2.896	2.5	20.9
8 19	20 47.09	−21 43.1	1.900	2.879	6.3	21.1
8 29	20 39.44	−22 3.4	1.939	2.861	10.0	21.3
9 8	20 33.72	−22 13.2	2.000	2.843	13.3	21.4

423989 2006 VR_{70} 8 4.7 159°.56 1°.8/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.81	−19 31.7	1.995	2.850	13.2	22.1
7 10	21 22.24	−20 17.2	1.925	2.857	9.9	21.9
7 20	21 14.55	−21 8.6	1.879	2.863	6.2	21.7
7 30	21 5.38	−22 0.8	1.859	2.869	2.6	21.5
8 9	20 55.63	−22 48.3	1.867	2.874	3.0	21.6
8 19	20 46.30	−23 26.7	1.903	2.878	6.6	21.8
8 29	20 38.37	−23 53.3	1.965	2.882	10.2	22.0
9 8	20 32.55	−24 7.4	2.050	2.884	13.3	22.2

90904 1997 EQ_{11} 8 4.7 77°.84 7°.9/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.34	+11 43.3	2.329	3.050	15.5	19.2
7 10	21 16.24	+11 39.3	2.259	3.067	13.5	19.1
7 20	21 10.57	+11 11.9	2.207	3.084	11.3	19.0
7 30	21 3.86	+10 20.3	2.177	3.101	9.3	18.9
8 9	20 56.78	+ 9 6.3	2.172	3.118	8.0	18.8
8 19	20 50.02	+ 7 34.0	2.192	3.135	8.1	18.9
8 29	20 44.29	+ 5 49.4	2.239	3.151	9.4	19.0
9 8	20 40.13	+ 3 59.7	2.312	3.168	11.3	19.1

478135 2011 UG_{129} 8 4.7 293°.47 3°.5/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.12	−24 8.5	1.924	2.795	13.0	21.3
7 10	21 19.72	−24 59.2	1.848	2.787	9.9	21.1
7 20	21 13.11	−25 53.2	1.794	2.779	6.5	20.9
7 30	21 4.89	−26 44.5	1.766	2.771	3.8	20.7
8 9	20 55.99	−27 27.3	1.764	2.763	4.6	20.7
8 19	20 47.42	−27 57.1	1.789	2.755	7.8	20.9
8 29	20 40.23	−28 11.6	1.839	2.747	11.2	21.1
9 8	20 35.20	−28 10.8	1.910	2.740	14.3	21.3

40579 1999 RJ_{135} 8 4.7 0°.69 1°.4/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.78	−18 59.1	1.023	1.924	19.4	18.6
7 10	21 19.95	−19 6.1	0.966	1.921	14.7	18.3
7 20	21 13.81	−19 22.1	0.926	1.919	9.3	18.0
7 30	21 5.25	−19 41.6	0.907	1.919	3.5	17.6
8 9	20 55.77	−19 58.1	0.909	1.920	3.4	17.6
8 19	20 47.06	−20 6.1	0.933	1.922	9.1	18.0
8 29	20 40.68	−20 2.5	0.977	1.926	14.5	18.3
9 8	20 37.63	−19 46.7	1.040	1.931	19.1	18.6

344716 2003 UE_{48} 8 4.7 286°.59 7°.3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 21.69	+ 2 57.9	1.885	2.675	16.4	20.7
7 10	21 17.80	+ 3 26.2	1.797	2.665	13.9	20.5
7 20	21 11.88	+ 3 34.0	1.728	2.656	11.1	20.3
7 30	21 4.45	+ 3 19.7	1.681	2.646	8.6	20.1
8 9	20 56.32	+ 2 43.7	1.658	2.637	7.3	20.0
8 19	20 48.41	+ 1 49.3	1.661	2.628	8.2	20.1
8 29	20 41.65	+ 0 41.7	1.688	2.618	10.7	20.2
9 8	20 36.83	− 0 32.1	1.739	2.609	13.7	20.4

507650 2013 PB_{18} 8 4.7 359°.91 1°.2/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.82	−12 50.3	0.995	1.892	20.1	20.9
7 10	21 16.94	−13 0.9	0.937	1.888	15.5	20.6
7 20	21 11.92	−13 29.9	0.896	1.886	10.1	20.3
7 30	21 4.57	−14 13.2	0.874	1.885	4.2	20.0
8 9	20 56.27	−15 3.9	0.874	1.886	2.6	19.9
8 19	20 48.62	−15 53.9	0.895	1.888	8.5	20.2
8 29	20 43.13	−16 35.9	0.936	1.892	14.1	20.5
9 8	20 40.82	−17 5.1	0.995	1.897	18.8	20.8

474548 2003 WJ_{145} 8 4.7 277°.12 0°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.29	−14 7.6	1.967	2.818	13.6	22.1
7 10	21 19.83	−14 24.7	1.869	2.797	10.5	21.9
7 20	21 13.22	−14 51.7	1.793	2.775	6.8	21.6
7 30	21 4.98	−15 25.9	1.743	2.753	2.7	21.3
8 9	20 55.92	−16 3.3	1.719	2.730	1.8	21.2
8 19	20 47.01	−16 39.6	1.722	2.708	6.1	21.4
8 29	20 39.26	−17 10.9	1.752	2.685	10.2	21.6
9 8	20 33.52	−17 34.7	1.804	2.662	13.8	21.8

255372 2005 WR_{113} 8 4.7 269°.94 5°.5/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.18	−31 52.2	2.269	3.132	11.6	20.6
7 10	21 20.30	−32 51.5	2.198	3.126	9.1	20.4
7 20	21 13.37	−33 48.0	2.151	3.120	6.8	20.2
7 30	21 4.97	−34 35.6	2.130	3.114	5.5	20.2
8 9	20 55.98	−35 9.1	2.135	3.108	6.3	20.2
8 19	20 47.34	−35 25.2	2.167	3.102	8.6	20.3
8 29	20 40.01	−35 23.1	2.223	3.096	11.1	20.5
9 8	20 34.69	−35 4.4	2.301	3.090	13.5	20.6

12748 1993 BP_{3} 8 4.7 212°.77 4°.5/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 39.18	−29 45.7	1.944	2.791	13.9	18.5
7 10	21 31.05	−29 52.9	1.862	2.785	10.8	18.3
7 20	21 20.24	−29 55.1	1.803	2.777	7.4	18.0
7 30	21 7.54	−29 46.5	1.771	2.769	4.8	17.9
8 9	20 54.16	−29 22.7	1.767	2.761	5.3	17.9
8 19	20 41.44	−28 42.4	1.792	2.751	8.3	18.0
8 29	20 30.59	−27 47.1	1.843	2.741	11.8	18.2
9 8	20 22.46	−26 40.5	1.918	2.731	14.9	18.4

251321 2007 BF_{38} 8 4.7 249°.91 0°.0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.00	−14 42.8	2.297	3.145	12.0	21.0
7 10	21 17.69	−15 10.7	2.212	3.139	9.1	20.8
7 20	21 11.63	−15 46.8	2.151	3.133	5.8	20.6
7 30	21 4.34	−16 28.2	2.116	3.126	2.2	20.4
8 9	20 56.51	−17 11.1	2.109	3.120	1.6	20.3
8 19	20 48.93	−17 51.6	2.130	3.114	5.3	20.5
8 29	20 42.37	−18 26.5	2.177	3.107	8.7	20.7
9 8	20 37.48	−18 53.7	2.249	3.100	11.7	20.9

147097 2002 TV_{18} 8 4.7 271°.75 0°.3/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.60	−14 32.7	1.686	2.542	15.2	20.9
7 10	21 21.98	−14 48.1	1.590	2.520	11.8	20.6
7 20	21 14.81	−15 14.6	1.515	2.498	7.6	20.3
7 30	21 5.66	−15 48.9	1.465	2.475	3.0	20.0
8 9	20 55.48	−16 26.5	1.441	2.452	2.1	19.9
8 19	20 45.45	−17 2.2	1.443	2.429	7.0	20.1
8 29	20 36.82	−17 31.9	1.470	2.405	11.7	20.4
9 8	20 30.60	−17 52.5	1.519	2.381	15.8	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
29992 Yasminezubi			8 4.7 358.°52	1.°8/ 3.6 18		
	h m	° ′			°	m
6 30	21 22.40	−18 23.7	1.591	2.466	15.0	18.7
7 10	21 18.69	−19 9.4	1.523	2.465	11.3	18.5
7 20	21 12.58	−20 4.2	1.475	2.464	7.1	18.2
7 30	21 4.75	−21 2.2	1.452	2.463	2.8	18.0
8 9	20 56.22	−21 56.9	1.455	2.463	3.2	18.0
8 19	20 48.13	−22 42.6	1.483	2.464	7.5	18.3
8 29	20 41.60	−23 15.1	1.535	2.464	11.6	18.5
9 8	20 37.43	−23 33.1	1.608	2.466	15.3	18.7
71950 2000 WN_{98}			8 4.7 233.°81	3.°6/ 2.4 18		
6 30	21 27.01	−21 47.5	1.562	2.436	15.3	18.8
7 10	21 22.41	−22 53.7	1.489	2.430	11.6	18.6
7 20	21 15.10	−24 7.4	1.437	2.423	7.5	18.3
7 30	21 5.75	−25 20.9	1.410	2.417	3.9	18.1
8 9	20 55.49	−26 25.9	1.408	2.410	4.9	18.2
8 19	20 45.63	−27 15.7	1.433	2.403	8.9	18.4
8 29	20 37.47	−27 46.7	1.481	2.396	13.0	18.6
9 8	20 31.99	−27 58.5	1.549	2.388	16.7	18.8
192257 2008 GD_{60}			8 4.7 321.°19	0.°7/ 5.3 18		
6 30	21 20.11	−11 44.0	2.025	2.875	13.3	19.9
7 10	21 16.50	−12 24.9	1.941	2.867	10.2	19.7
7 20	21 11.01	−13 18.5	1.880	2.861	6.6	19.5
7 30	21 4.16	−14 21.4	1.845	2.854	2.7	19.2
8 9	20 56.69	−15 28.8	1.836	2.848	1.7	19.1
8 19	20 49.47	−16 35.3	1.855	2.842	5.6	19.4
8 29	20 43.36	−17 36.0	1.900	2.836	9.4	19.6
9 8	20 39.05	−18 27.2	1.969	2.830	12.7	19.8
205191 2000 DK_{47}			8 4.7 44.°22	0.°4/ 4.5 18		
6 30	21 24.73	−16 43.6	1.814	2.675	14.1	20.3
7 10	21 20.08	−16 59.0	1.745	2.678	10.7	20.1
7 20	21 13.27	−17 22.0	1.697	2.682	6.7	19.9
7 30	21 4.98	−17 49.0	1.675	2.686	2.5	19.6
8 9	20 56.12	−18 15.5	1.679	2.690	2.0	19.6
8 19	20 47.72	−18 37.9	1.710	2.694	6.3	19.9
8 29	20 40.75	−18 53.2	1.766	2.699	10.2	20.1
9 8	20 35.91	−19 0.2	1.845	2.703	13.6	20.4
299174 2005 GK_{58}			8 4.7 73.°51	9.°2/29.5 18		
6 30	21 31.69	−40 47.9	1.883	2.736	14.0	20.3
7 10	21 25.70	−42 1.2	1.838	2.745	11.7	20.1
7 20	21 16.95	−43 2.9	1.815	2.755	9.9	20.0
7 30	21 6.34	−43 44.6	1.815	2.764	9.2	20.0
8 9	20 55.16	−44 0.4	1.840	2.773	10.0	20.1
8 19	20 44.79	−43 48.6	1.888	2.783	11.9	20.2
8 29	20 36.46	−43 11.3	1.958	2.792	14.0	20.4
9 8	20 30.95	−42 13.4	2.048	2.802	16.0	20.6
294562 2007 YY_{42}			8 4.7 132.°13	1.°9/ 3.4 17		
6 30	21 28.21	−18 41.0	1.773	2.633	14.4	21.4
7 10	21 22.74	−19 36.9	1.712	2.646	10.8	21.2
7 20	21 14.98	−20 40.2	1.673	2.658	6.8	20.9
7 30	21 5.61	−21 44.9	1.659	2.669	2.8	20.7
8 9	20 55.66	−22 44.4	1.674	2.681	3.2	20.8
8 19	20 46.24	−23 33.5	1.715	2.691	7.1	21.0
8 29	20 38.39	−24 8.8	1.782	2.701	11.0	21.3
9 8	20 32.86	−24 29.7	1.871	2.710	14.2	21.5
31714 1999 JP_{54}			8 4.7 296.°14	4.°3/ 6.9 18		
6 30	21 25.18	− 7 8.9	1.656	2.493	16.3	17.3
7 10	21 20.70	− 6 37.8	1.572	2.484	13.1	17.0
7 20	21 13.86	− 6 20.5	1.508	2.474	9.3	16.8
7 30	21 5.27	− 6 17.4	1.468	2.465	5.7	16.5
8 9	20 55.87	− 6 26.9	1.452	2.456	4.4	16.4
8 19	20 46.78	− 6 46.2	1.463	2.447	7.2	16.6
8 29	20 39.12	− 7 11.1	1.498	2.438	11.1	16.8
9 8	20 33.74	− 7 37.3	1.555	2.429	14.8	17.0
23602 1995 YK_{20}			8 4.7 31.°39	1.°9/ 5.8 18		
6 30	21 24.94	−11 56.5	1.679	2.531	15.4	18.3
7 10	21 20.34	−11 47.3	1.609	2.535	11.9	18.1
7 20	21 13.49	−11 49.0	1.561	2.539	7.9	17.8
7 30	21 5.07	−12 0.0	1.536	2.543	3.7	17.6
8 9	20 56.07	−12 16.9	1.538	2.548	2.4	17.5
8 19	20 47.53	−12 36.3	1.565	2.553	6.3	17.8
8 29	20 40.50	−12 54.5	1.618	2.558	10.4	18.0
9 8	20 35.72	−13 8.9	1.693	2.564	14.0	18.3
68573 2001 YX_{24}			8 4.7 104.°86	0.°8/ 4.2 17		
6 30	21 26.86	−17 3.7	1.759	2.619	14.5	19.9
7 10	21 21.68	−17 33.6	1.698	2.631	11.0	19.7
7 20	21 14.27	−18 11.3	1.658	2.643	6.9	19.5
7 30	21 5.35	−18 52.3	1.643	2.654	2.5	19.3
8 9	20 55.89	−19 31.4	1.655	2.666	2.3	19.3
8 19	20 46.98	−20 4.2	1.695	2.677	6.6	19.6
8 29	20 39.61	−20 27.7	1.759	2.688	10.5	19.8
9 8	20 34.49	−20 40.6	1.846	2.699	13.8	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
225204 2008 KN_{39}			8 4.7 343.°21	9.°6/12.7 18		
	h m	° ′			°	m
6 30	21 18.15	+ 9 51.9	1.941	2.694	17.2	19.6
7 10	21 15.10	+10 33.4	1.856	2.685	15.1	19.4
7 20	21 10.17	+10 51.3	1.789	2.678	12.9	19.3
7 30	21 3.87	+10 42.4	1.743	2.671	10.9	19.1
8 9	20 56.94	+10 6.4	1.718	2.664	9.7	19.0
8 19	20 50.22	+ 9 5.5	1.717	2.659	9.9	19.0
8 29	20 44.60	+ 7 45.1	1.739	2.654	11.5	19.1
9 8	20 40.79	+ 6 12.9	1.784	2.649	13.6	19.3
329808 2004 RD_{73}			8 4.7 357.°68	1.°7/ 5.7 16		
6 30	21 14.04	−11 13.8	0.995	1.894	19.9	19.8
7 10	21 13.31	−11 31.6	0.935	1.887	15.4	19.5
7 20	21 9.65	−12 10.7	0.892	1.882	10.2	19.2
7 30	21 3.79	−13 7.5	0.868	1.879	4.5	18.9
8 9	20 57.02	−14 14.6	0.865	1.878	2.6	18.7
8 19	20 50.80	−15 22.5	0.884	1.879	8.3	19.1
8 29	20 46.58	−16 22.6	0.923	1.882	13.7	19.4
9 8	20 45.34	−17 8.6	0.980	1.888	18.5	19.7
392541 2011 RP_{11}			8 4.7 321.°53	3.°1/ 6.9 18		
6 30	21 21.64	− 6 59.4	1.866	2.701	14.8	21.0
7 10	21 17.75	− 7 5.1	1.784	2.697	11.7	20.8
7 20	21 11.85	− 7 25.9	1.724	2.692	8.2	20.6
7 30	21 4.50	− 8 0.6	1.687	2.688	4.6	20.4
8 9	20 56.51	− 8 45.9	1.677	2.684	3.2	20.3
8 19	20 48.81	− 9 37.2	1.693	2.680	6.1	20.5
8 29	20 42.34	−10 29.7	1.735	2.676	9.7	20.7
9 8	20 37.81	−11 18.6	1.800	2.673	13.2	20.9
295157 2008 FK_{62}			8 4.7 26.°44	1.°5/ 5.5 17		
6 30	21 21.66	−11 41.2	1.101	1.985	19.6	19.9
7 10	21 18.68	−11 59.6	1.053	1.996	15.0	19.6
7 20	21 12.78	−12 36.2	1.022	2.008	9.8	19.4
7 30	21 4.87	−13 26.5	1.011	2.021	4.1	19.1
8 9	20 56.29	−14 23.1	1.024	2.036	2.5	19.1
8 19	20 48.48	−15 18.3	1.059	2.051	7.8	19.4
8 29	20 42.75	−16 5.6	1.117	2.068	12.9	19.8
9 8	20 39.94	−16 40.8	1.194	2.085	17.1	20.1
91933 1999 VB_{54}			8 4.7 102.°13	5.°4/31.3 18		
6 30	21 26.49	−32 46.8	2.365	3.224	11.3	18.6
7 10	21 21.09	−33 41.6	2.309	3.234	8.9	18.5
7 20	21 13.77	−34 32.1	2.277	3.243	6.6	18.3
7 30	21 5.15	−35 12.6	2.272	3.253	5.5	18.3
8 9	20 56.08	−35 38.5	2.293	3.263	6.2	18.3
8 19	20 47.50	−35 47.6	2.340	3.272	8.2	18.5
8 29	20 40.25	−35 39.7	2.413	3.282	10.5	18.7
9 8	20 34.98	−35 16.6	2.507	3.291	12.7	18.8
389544 2010 LZ_{82}			8 4.8 25.°76	5.°6/ 9.8 18		
6 30	21 19.20	+ 1 56.0	1.878	2.678	16.1	20.2
7 10	21 15.83	+ 1 36.6	1.803	2.683	13.3	20.0
7 20	21 10.58	+ 0 54.5	1.748	2.688	10.2	19.8
7 30	21 4.02	− 0 9.8	1.716	2.694	7.2	19.7
8 9	20 56.91	− 1 32.7	1.708	2.700	5.6	19.6
8 19	20 50.13	− 3 8.3	1.728	2.707	6.8	19.7
8 29	20 44.52	− 4 49.3	1.773	2.714	9.6	19.8
9 8	20 40.76	− 6 28.4	1.843	2.721	12.7	20.0
328215 2008 EJ_{122}			8 4.8 19.°94	1.°8/ 5.7 17		
6 30	21 21.07	−11 48.0	1.066	1.953	19.8	20.1
7 10	21 18.33	−11 52.5	1.017	1.961	15.3	19.8
7 20	21 12.62	−12 14.7	0.984	1.971	10.0	19.6
7 30	21 4.84	−12 51.0	0.973	1.982	4.4	19.3
8 9	20 56.36	−13 35.1	0.983	1.995	2.7	19.2
8 19	20 48.65	−14 19.8	1.016	2.008	7.9	19.6
8 29	20 43.06	−14 58.8	1.070	2.023	13.0	19.9
9 8	20 40.43	−15 27.7	1.143	2.039	17.4	20.3
3135 Lauer			8 4.8 262.°92	0.°6/ 5.0 18		
6 30	21 27.73	−15 3.9	1.693	2.548	15.2	17.8
7 10	21 22.71	−15 3.5	1.605	2.535	11.7	17.6
7 20	21 15.21	−15 11.9	1.539	2.521	7.6	17.3
7 30	21 5.82	−15 26.4	1.496	2.507	3.0	17.0
8 9	20 55.56	−15 43.2	1.481	2.492	2.0	16.9
8 19	20 45.59	−15 58.5	1.491	2.478	6.8	17.1
8 29	20 37.12	−16 9.3	1.527	2.463	11.3	17.4
9 8	20 31.04	−16 13.6	1.585	2.448	15.2	17.6
289259 2004 XO_{101}			8 4.8 232.°55	3.°6/ 2.6 18		
6 30	21 27.99	−22 9.8	1.515	2.389	15.7	20.8
7 10	21 23.24	−23 8.0	1.442	2.384	11.9	20.5
7 20	21 15.68	−24 12.9	1.391	2.378	7.7	20.2
7 30	21 6.02	−25 17.0	1.364	2.371	4.0	20.0
8 9	20 55.44	−26 12.2	1.362	2.365	4.9	20.1
8 19	20 45.29	−26 52.0	1.386	2.358	9.0	20.3
8 29	20 36.94	−27 13.4	1.434	2.351	13.2	20.5
9 8	20 31.35	−27 16.5	1.502	2.344	17.0	20.7

121482 1999 TC_{241} 8 4.8 273°.92 8°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 28.74	−41 30.0	2.330	3.176	11.9	19.9
7 10	21 23.31	−42 43.7	2.263	3.163	10.1	19.7
7 20	21 15.47	−43 48.7	2.219	3.151	8.8	19.6
7 30	21 5.89	−44 37.6	2.199	3.139	8.4	19.6
8 9	20 55.57	−45 4.7	2.204	3.126	9.2	19.6
8 19	20 45.65	−45 7.4	2.233	3.113	10.9	19.7
8 29	20 37.27	−44 46.1	2.285	3.101	12.8	19.8
9 8	20 31.24	−44 4.0	2.356	3.088	14.7	19.9

456089 2006 BM_{114} 8 4.8 60°.02 2°.8/ 3.6 17

6 30	21 31.58	−21 57.2	1.177	2.061	18.6	20.3
7 10	21 26.08	−22 14.8	1.131	2.076	14.0	20.1
7 20	21 17.38	−22 36.5	1.104	2.092	8.9	19.8
7 30	21 6.56	−22 55.6	1.099	2.109	3.9	19.6
8 9	20 55.18	−23 5.8	1.118	2.126	4.2	19.7
8 19	20 44.87	−23 3.3	1.161	2.142	9.0	20.0
8 29	20 37.00	−22 47.5	1.227	2.159	13.6	20.3
9 8	20 32.39	−22 19.9	1.312	2.177	17.6	20.6

160239 2002 JR_{118} 8 4.8 13°.08 3°.7/ 7.7 16

6 30	21 13.87	− 3 11.0	1.080	1.951	20.8	18.5
7 10	21 12.85	− 4 10.3	1.027	1.958	16.5	18.3
7 20	21 9.17	− 5 42.0	0.990	1.967	11.6	18.1
7 30	21 3.59	− 7 41.4	0.975	1.978	6.4	17.8
8 9	20 57.30	− 9 57.9	0.981	1.991	3.8	17.7
8 19	20 51.58	−12 17.9	1.011	2.005	7.6	18.0
8 29	20 47.68	−14 28.1	1.063	2.022	12.5	18.3
9 8	20 46.44	−16 18.7	1.136	2.040	16.9	18.6

233388 2006 EP_{27} 8 4.8 45°.84 0°.0/ 4.6 18

6 30	21 24.05	−14 44.1	1.629	2.493	15.3	20.9
7 10	21 19.77	−15 9.1	1.565	2.499	11.6	20.7
7 20	21 13.20	−15 44.8	1.522	2.506	7.4	20.4
7 30	21 5.02	−16 27.1	1.502	2.513	2.8	20.2
8 9	20 56.25	−17 10.7	1.509	2.521	2.0	20.1
8 19	20 47.98	−17 50.7	1.542	2.528	6.6	20.5
8 29	20 41.25	−18 22.9	1.599	2.536	10.8	20.7
9 8	20 36.82	−18 45.0	1.679	2.544	14.4	21.0

174634 2003 SC_{111} 8 4.8 305°.42 1°.3/ 5.5 18

6 30	21 22.02	−11 22.2	1.299	2.171	17.9	19.6
7 10	21 19.14	−11 47.1	1.211	2.148	14.0	19.3
7 20	21 13.37	−12 31.0	1.142	2.126	9.3	18.9
7 30	21 5.29	−13 31.3	1.094	2.104	4.0	18.6
8 9	20 55.96	−14 41.5	1.070	2.082	2.4	18.4
8 19	20 46.77	−15 53.7	1.070	2.061	8.0	18.7
8 29	20 39.24	−16 59.8	1.092	2.040	13.5	18.9
9 8	20 34.57	−17 53.8	1.135	2.019	18.3	19.1

407251 2009 WD_{217} 8 4.8 10°.26 3°.2/ 2.1 18

6 30	21 22.74	−25 20.1	2.369	3.233	11.1	21.0
7 10	21 18.26	−26 2.6	2.299	3.234	8.4	20.8
7 20	21 12.02	−26 46.0	2.252	3.234	5.6	20.7
7 30	21 4.57	−27 25.9	2.232	3.235	3.4	20.5
8 9	20 56.64	−27 57.8	2.239	3.236	4.0	20.6
8 19	20 49.04	−28 18.9	2.274	3.237	6.6	20.7
8 29	20 42.58	−28 27.5	2.335	3.238	9.4	20.9
9 8	20 37.85	−28 23.7	2.418	3.239	12.0	21.1

374955 2007 CK_{37} 8 4.8 206°.79 0°.5/ 4.4 18

6 30	21 27.27	−16 32.4	1.930	2.782	13.7	21.3
7 10	21 22.03	−16 57.8	1.849	2.778	10.4	21.1
7 20	21 14.60	−17 31.3	1.790	2.773	6.6	20.9
7 30	21 5.58	−18 8.9	1.757	2.768	2.4	20.6
8 9	20 55.88	−18 46.1	1.751	2.762	2.1	20.6
8 19	20 46.51	−19 18.6	1.773	2.756	6.3	20.8
8 29	20 38.48	−19 43.1	1.822	2.749	10.2	21.1
9 8	20 32.58	−19 58.0	1.893	2.742	13.7	21.3

509754 2008 TY_{129} 8 4.8 238°.00 1°.4/ 5.7 18

6 30	21 25.44	−11 48.6	2.090	2.929	13.3	22.5
7 10	21 20.52	−11 55.9	1.999	2.917	10.3	22.3
7 20	21 13.61	−12 13.3	1.930	2.906	6.9	22.1
7 30	21 5.22	−12 38.9	1.886	2.893	3.1	21.8
8 9	20 56.16	−13 9.4	1.870	2.881	2.0	21.7
8 19	20 47.32	−13 41.2	1.882	2.868	5.6	21.9
8 29	20 39.62	−14 10.9	1.920	2.854	9.4	22.1
9 8	20 33.80	−14 35.6	1.983	2.840	12.8	22.3

177984 2006 QU_{42} 8 4.8 336°.22 1°.1/ 4.2 18

6 30	21 23.81	−16 58.7	1.257	2.140	17.6	19.9
7 10	21 20.40	−17 30.4	1.188	2.134	13.4	19.6
7 20	21 14.05	−18 14.3	1.138	2.128	8.5	19.3
7 30	21 5.49	−19 4.8	1.110	2.122	3.2	19.0
8 9	20 55.97	−19 54.4	1.106	2.117	3.0	19.0
8 19	20 46.94	−20 36.1	1.126	2.113	8.4	19.3
8 29	20 39.85	−21 5.1	1.168	2.109	13.5	19.5
9 8	20 35.70	−21 19.2	1.230	2.105	17.8	19.8

349446 2008 CA_{2} 8 4.8 114°.30 1°.0/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.31	−12 59.3	2.438	3.272	11.8	20.7
7 10	21 19.91	−13 0.0	2.370	3.287	9.0	20.6
7 20	21 12.92	−13 7.9	2.325	3.301	5.9	20.4
7 30	21 4.88	−13 21.0	2.308	3.315	2.5	20.2
8 9	20 56.49	−13 37.0	2.318	3.329	1.6	20.1
8 19	20 48.48	−13 53.3	2.358	3.343	4.8	20.4
8 29	20 41.55	−14 7.7	2.425	3.356	7.9	20.6
9 8	20 36.25	−14 18.4	2.517	3.368	10.6	20.8

33266 1998 HW_{78} 8 4.8 273°.68 4°.6/ 8.2 18

6 30	21 21.92	− 2 43.6	2.208	3.015	13.8	18.8
7 10	21 17.71	− 2 27.3	2.119	3.008	11.2	18.6
7 20	21 11.74	− 2 25.3	2.051	3.000	8.4	18.4
7 30	21 4.51	− 2 38.1	2.008	2.993	5.8	18.3
8 9	20 56.71	− 3 4.0	1.990	2.985	4.6	18.2
8 19	20 49.13	− 3 40.4	2.000	2.977	6.2	18.3
8 29	20 42.55	− 4 23.3	2.036	2.970	9.0	18.4
9 8	20 37.64	− 5 8.3	2.095	2.962	11.8	18.6

411078 2009 VG_{84} 8 4.8 296°.01 2°.9/ 7.2 18

6 30	21 21.08	− 6 36.8	2.567	3.383	11.8	20.8
7 10	21 16.79	− 6 27.5	2.482	3.382	9.4	20.6
7 20	21 11.01	− 6 28.7	2.419	3.380	6.6	20.5
7 30	21 4.20	− 6 39.8	2.383	3.378	4.0	20.3
8 9	20 56.96	− 6 59.0	2.374	3.377	3.0	20.2
8 19	20 49.95	− 7 23.9	2.393	3.375	4.9	20.4
8 29	20 43.83	− 7 51.8	2.439	3.373	7.7	20.5
9 8	20 39.14	− 8 19.6	2.510	3.372	10.3	20.7

322105 2010 VN_{146} 8 4.8 343°.16 4°.6/31.8 18

6 30	21 23.34	−28 2.1	2.205	3.073	11.7	20.3
7 10	21 18.95	−29 7.6	2.137	3.072	9.0	20.1
7 20	21 12.59	−30 13.1	2.093	3.071	6.3	19.9
7 30	21 4.83	−31 12.7	2.075	3.070	4.6	19.8
8 9	20 56.50	−32 0.8	2.084	3.069	5.5	19.9
8 19	20 48.51	−32 33.5	2.120	3.068	7.9	20.0
8 29	20 41.75	−32 49.3	2.180	3.068	10.7	20.2
9 8	20 36.93	−32 48.8	2.262	3.067	13.2	20.4

391602 2007 UC_{56} 8 4.8 211°.07 2°.4/ 2.9 18

6 30	21 25.13	−21 54.0	2.096	2.958	12.4	21.7
7 10	21 20.29	−22 34.8	2.021	2.956	9.4	21.5
7 20	21 13.44	−23 19.5	1.968	2.953	6.0	21.3
7 30	21 5.15	−24 3.4	1.942	2.950	2.9	21.1
8 9	20 56.27	−24 41.4	1.943	2.947	3.4	21.1
8 19	20 47.74	−25 9.8	1.972	2.944	6.7	21.3
8 29	20 40.46	−25 26.1	2.026	2.940	10.1	21.5
9 8	20 35.16	−25 30.0	2.103	2.937	13.1	21.7

209283 2003 YV_{29} 8 4.8 222°.47 2°.8/ 2.3 18

6 30	21 24.96	−23 3.5	2.367	3.224	11.3	20.6
7 10	21 20.05	−23 59.6	2.283	3.216	8.6	20.4
7 20	21 13.25	−24 59.3	2.224	3.207	5.6	20.2
7 30	21 5.09	−25 57.7	2.192	3.197	3.1	20.0
8 9	20 56.30	−26 49.7	2.188	3.187	3.8	20.1
8 19	20 47.74	−27 31.0	2.213	3.177	6.7	20.2
8 29	20 40.26	−27 59.3	2.263	3.166	9.7	20.4
9 8	20 34.56	−28 14.0	2.337	3.154	12.5	20.6

206047 2002 QD_{77} 8 4.8 266°.45 0°.6/ 5.3 18

6 30	21 23.49	−12 54.8	2.069	2.915	13.2	21.4
7 10	21 19.15	−13 19.9	1.974	2.898	10.2	21.1
7 20	21 12.81	−13 55.8	1.901	2.881	6.6	20.9
7 30	21 4.96	−14 39.9	1.854	2.863	2.7	20.6
8 9	20 56.39	−15 27.9	1.834	2.845	1.7	20.5
8 19	20 47.97	−16 15.5	1.842	2.827	5.8	20.7
8 29	20 40.65	−16 58.5	1.876	2.809	9.6	20.9
9 8	20 35.20	−17 33.7	1.933	2.790	13.1	21.1

479061 2013 AA_{69} 8 4.8 285°.95 1°.3/ 3.9 16

6 30	21 23.59	−17 44.7	1.892	2.755	13.5	22.1
7 10	21 19.48	−18 25.0	1.799	2.735	10.3	21.8
7 20	21 13.15	−19 14.2	1.729	2.715	6.5	21.6
7 30	21 5.13	−20 8.1	1.684	2.694	2.5	21.3
8 9	20 56.26	−21 0.9	1.665	2.674	2.6	21.2
8 19	20 47.56	−21 47.5	1.673	2.654	6.8	21.4
8 29	20 40.10	−22 23.8	1.707	2.633	10.9	21.6
9 8	20 34.73	−22 47.4	1.763	2.613	14.5	21.8

184624 2005 RT_{29} 8 4.8 305°.95 2°.9/ 2.9 18

6 30	21 25.86	−24 24.7	2.093	2.957	12.4	20.4
7 10	21 20.83	−24 49.6	2.019	2.953	9.4	20.2
7 20	21 13.76	−25 15.7	1.967	2.950	6.1	20.0
7 30	21 5.27	−25 38.4	1.941	2.947	3.3	19.8
8 9	20 56.22	−25 53.5	1.943	2.944	3.8	19.8
8 19	20 47.58	−25 58.2	1.972	2.942	6.9	20.0
8 29	20 40.26	−25 51.1	2.026	2.939	10.2	20.2
9 8	20 34.97	−25 32.8	2.103	2.936	13.1	20.4

61350 2000 PL_9 8 4.8 332°.23 10°.9/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.20	−36 41.6	1.376	2.261	16.3	17.8
7 10	21 21.94	−38 46.2	1.319	2.251	13.5	17.6
7 20	21 15.30	−40 45.2	1.283	2.241	11.4	17.5
7 30	21 6.04	−42 24.9	1.269	2.232	10.9	17.4
8 9	20 55.59	−43 33.9	1.277	2.223	12.4	17.5
8 19	20 45.69	−44 6.0	1.306	2.216	15.0	17.6
8 29	20 38.04	−44 1.2	1.355	2.209	17.9	17.8
9 8	20 33.80	−43 24.9	1.420	2.202	20.7	18.0

38439 1999 SQ_4 8 4.8 36°.99 6°.7/10.9 18

6 30	21 20.19	+ 5 14.4	2.295	3.059	14.5	18.4
7 10	21 16.31	+ 5 28.4	2.212	3.060	12.4	18.3
7 20	21 10.82	+ 5 23.4	2.149	3.061	10.0	18.1
7 30	21 4.19	+ 4 58.3	2.108	3.062	7.9	18.0
8 9	20 57.06	+ 4 14.3	2.093	3.063	6.7	17.9
8 19	20 50.17	+ 3 14.4	2.104	3.064	7.3	18.0
8 29	20 44.25	+ 2 3.4	2.141	3.065	9.1	18.1
9 8	20 39.89	+ 0 47.1	2.202	3.066	11.5	18.3

195323 2002 EL_{123} 8 4.8 64°.28 1°.0/ 5.4 17

6 30	21 26.81	−13 32.8	1.607	2.464	15.8	20.3
7 10	21 21.74	−13 36.5	1.552	2.481	12.1	20.1
7 20	21 14.38	−13 50.8	1.517	2.498	7.8	19.8
7 30	21 5.50	−14 12.5	1.507	2.516	3.2	19.6
8 9	20 56.16	−14 37.4	1.522	2.534	2.0	19.6
8 19	20 47.45	−15 1.4	1.564	2.552	6.4	19.9
8 29	20 40.40	−15 21.3	1.631	2.569	10.5	20.2
9 8	20 35.69	−15 34.7	1.720	2.587	14.0	20.4

315296 2007 TF_{157} 8 4.8 333°.07 7°.4/ 1.5 17

6 30	21 29.55	−30 13.9	1.180	2.071	18.0	19.7
7 10	21 25.25	−31 3.9	1.118	2.064	14.1	19.4
7 20	21 17.36	−31 51.2	1.075	2.057	10.2	19.2
7 30	21 6.80	−32 25.2	1.054	2.050	7.5	19.0
8 9	20 55.17	−32 36.7	1.054	2.044	8.5	19.1
8 19	20 44.35	−32 21.4	1.077	2.039	12.2	19.2
8 29	20 36.05	−31 40.1	1.121	2.034	16.4	19.5
9 8	20 31.35	−30 37.9	1.182	2.031	20.2	19.7

427574 2003 FY_{52} 8 4.8 36°.00 8°.1/31.9 17

6 30	21 27.98	−30 21.7	1.084	1.982	18.7	19.6
7 10	21 23.61	−31 45.0	1.062	2.010	14.4	19.5
7 20	21 15.89	−33 1.7	1.058	2.039	10.4	19.3
7 30	21 6.06	−34 0.2	1.076	2.069	8.1	19.3
8 9	20 55.85	−34 32.3	1.116	2.100	9.1	19.5
8 19	20 46.96	−34 35.3	1.177	2.131	12.3	19.7
8 29	20 40.70	−34 11.7	1.259	2.163	15.7	20.0
9 8	20 37.76	−33 27.2	1.359	2.196	18.7	20.3

147078 2002 SN_{27} 8 4.8 312°.69 0°.8/ 5.3 18

6 30	21 21.59	−11 32.2	1.359	2.229	17.4	19.6
7 10	21 18.61	−12 10.5	1.278	2.215	13.5	19.3
7 20	21 12.93	−13 7.7	1.217	2.201	8.8	19.0
7 30	21 5.14	−14 19.9	1.177	2.188	3.6	18.7
8 9	20 56.32	−15 39.9	1.163	2.175	2.2	18.6
8 19	20 47.77	−16 59.3	1.172	2.162	7.6	18.9
8 29	20 40.85	−18 10.3	1.205	2.150	12.7	19.1
9 8	20 36.60	−19 7.4	1.258	2.138	17.2	19.4

488321 2016 UP_{105} 8 4.8 332°.98 9°.9/28.1 18

6 30	21 17.49	−31 8.7	1.166	2.074	16.9	19.7
7 10	21 16.47	−33 13.0	1.090	2.043	13.7	19.4
7 20	21 12.14	−35 22.7	1.034	2.013	10.9	19.2
7 30	21 5.01	−37 23.6	0.999	1.984	10.0	19.0
8 9	20 56.35	−39 0.9	0.985	1.957	11.9	19.0
8 19	20 47.89	−40 3.0	0.992	1.932	15.6	19.2
8 29	20 41.56	−40 25.2	1.016	1.908	19.6	19.3
9 8	20 38.77	−40 9.7	1.056	1.886	23.3	19.5

451879 2014 HL_{76} 8 4.8 359°.37 10°.4/12.6 16

6 30	21 12.24	+ 6 9.4	1.250	2.073	21.4	20.3
7 10	21 11.43	+ 6 51.0	1.183	2.066	18.5	20.1
7 20	21 8.26	+ 7 0.9	1.132	2.062	15.4	19.9
7 30	21 3.35	+ 6 35.0	1.099	2.060	12.4	19.7
8 9	20 57.70	+ 5 34.2	1.085	2.061	10.6	19.6
8 19	20 52.42	+ 4 3.7	1.092	2.063	10.9	19.6
8 29	20 48.69	+ 2 13.4	1.121	2.068	13.2	19.8
9 8	20 47.35	+ 0 15.8	1.169	2.075	16.3	20.0

144472 2004 EW_{55} 8 4.8 258°.63 0°.3/ 4.9 18

6 30	21 26.46	−15 58.6	2.145	2.992	12.8	20.0
7 10	21 21.26	−15 55.3	2.055	2.980	9.8	19.8
7 20	21 14.07	−15 58.1	1.987	2.968	6.3	19.5
7 30	21 5.44	−16 4.5	1.946	2.956	2.4	19.3
8 9	20 56.18	−16 11.9	1.932	2.943	1.7	19.2
8 19	20 47.19	−16 17.6	1.946	2.931	5.6	19.4
8 29	20 39.37	−16 19.5	1.987	2.918	9.3	19.6
9 8	20 33.44	−16 16.3	2.052	2.905	12.6	19.8

513348 2007 TG_{455} 8 4.8 210°.19 3°.9/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.93	−26 57.5	2.441	3.299	11.0	22.4
7 10	21 20.77	−27 56.4	2.363	3.294	8.4	22.2
7 20	21 13.72	−28 56.0	2.310	3.287	5.8	22.1
7 30	21 5.30	−29 51.0	2.283	3.281	4.0	21.9
8 9	20 56.30	−30 36.4	2.285	3.273	4.7	22.0
8 19	20 47.55	−31 8.5	2.314	3.266	7.2	22.1
8 29	20 39.93	−31 25.5	2.370	3.257	9.9	22.3
9 8	20 34.12	−31 27.9	2.448	3.249	12.4	22.4

318392 2004 XR_{61} 8 4.8 334°.11 4°.7/ 6.9 17

6 30	21 25.35	− 7 13.8	1.873	2.703	15.0	19.4
7 10	21 20.63	− 6 11.9	1.784	2.690	12.1	19.1
7 20	21 13.79	− 5 19.8	1.716	2.677	8.9	18.9
7 30	21 5.37	− 4 38.9	1.673	2.665	5.8	18.7
8 9	20 56.24	− 4 9.5	1.655	2.654	4.8	18.6
8 19	20 47.37	− 3 51.0	1.664	2.643	7.0	18.7
8 29	20 39.77	− 3 41.3	1.699	2.633	10.4	18.9
9 8	20 34.21	− 3 37.7	1.756	2.624	13.7	19.1

254550 2005 EU_{223} 8 4.8 150°.78 1°.4/ 5.7 18

6 30	21 26.82	−10 41.1	1.710	2.554	15.6	20.9
7 10	21 21.83	−11 9.0	1.639	2.561	12.0	20.6
7 20	21 14.55	−11 51.2	1.590	2.567	7.9	20.4
7 30	21 5.64	−12 44.1	1.565	2.573	3.5	20.2
8 9	20 56.07	−13 42.6	1.567	2.578	2.1	20.1
8 19	20 46.94	−14 41.0	1.595	2.582	6.3	20.4
8 29	20 39.30	−15 34.0	1.650	2.587	10.5	20.6
9 8	20 33.92	−16 18.0	1.728	2.590	14.1	20.9

348065 2003 UT_{295} 8 4.8 257°.75 1°.7/ 3.7 18

6 30	21 25.95	−19 50.9	2.031	2.890	12.9	22.1
7 10	21 21.09	−20 20.4	1.942	2.876	9.8	21.9
7 20	21 14.08	−20 55.4	1.876	2.861	6.2	21.6
7 30	21 5.49	−21 31.9	1.836	2.846	2.6	21.4
8 9	20 56.16	−22 4.9	1.823	2.831	2.8	21.4
8 19	20 47.07	−22 30.6	1.838	2.815	6.6	21.6
8 29	20 39.23	−22 46.1	1.878	2.800	10.3	21.8
9 8	20 33.43	−22 50.6	1.941	2.784	13.7	21.9

64457 2001 VH_{34} 8 4.8 245°.79 0°.0/ 4.9 18

6 30	21 24.90	−14 11.0	1.801	2.656	14.5	19.7
7 10	21 20.45	−14 41.9	1.718	2.648	11.1	19.5
7 20	21 13.75	−15 24.2	1.657	2.639	7.1	19.2
7 30	21 5.38	−16 14.0	1.620	2.631	2.7	18.9
8 9	20 56.25	−17 6.3	1.610	2.622	1.9	18.9
8 19	20 47.40	−17 55.7	1.627	2.613	6.4	19.1
8 29	20 39.89	−18 37.8	1.670	2.603	10.6	19.4
9 8	20 34.55	−19 9.7	1.735	2.594	14.3	19.6

317537 2002 TK_{326} 8 4.8 328°.80 1°.2/ 4.0 18

6 30	21 23.71	−18 15.0	1.716	2.585	14.4	20.7
7 10	21 19.62	−18 42.2	1.640	2.579	10.9	20.5
7 20	21 13.24	−19 17.1	1.586	2.573	6.9	20.3
7 30	21 5.18	−19 55.2	1.556	2.567	2.6	20.0
8 9	20 56.42	−20 31.2	1.552	2.562	2.6	20.0
8 19	20 48.04	−21 0.6	1.574	2.557	6.9	20.2
8 29	20 41.10	−21 20.1	1.621	2.552	11.0	20.5
9 8	20 36.41	−21 28.3	1.689	2.548	14.6	20.7

261800 2006 BK_{238} 8 4.8 154°.39 1°.5/ 3.6 18

6 30	21 22.87	−20 12.9	2.467	3.322	11.0	21.1
7 10	21 18.27	−20 43.0	2.392	3.324	8.3	20.9
7 20	21 12.03	−21 16.9	2.341	3.325	5.2	20.7
7 30	21 4.66	−21 51.2	2.316	3.326	2.2	20.5
8 9	20 56.84	−22 22.1	2.320	3.327	2.4	20.5
8 19	20 49.31	−22 46.7	2.352	3.328	5.5	20.7
8 29	20 42.83	−23 2.9	2.411	3.329	8.5	20.9
9 8	20 37.95	−23 9.8	2.493	3.330	11.2	21.1

111078 2001 VG_{55} 8 4.8 334°.11 1°.5/ 3.9 18

6 30	21 24.39	−19 53.4	1.776	2.645	14.0	18.9
7 10	21 20.06	−20 9.6	1.700	2.638	10.6	18.6
7 20	21 13.47	−20 30.9	1.645	2.631	6.7	18.4
7 30	21 5.26	−20 53.4	1.614	2.625	2.7	18.1
8 9	20 56.38	−21 12.4	1.610	2.619	2.7	18.1
8 19	20 47.90	−21 24.4	1.632	2.614	6.8	18.4
8 29	20 40.85	−21 27.0	1.680	2.609	10.8	18.6
9 8	20 36.03	−21 19.6	1.748	2.605	14.3	18.8

7374 1980 DL 8 4.8 192°.10 0°.6/ 4.3 18

6 30	21 26.87	−17 19.7	2.495	3.336	11.4	20.3
7 10	21 21.27	−17 42.9	2.410	3.334	8.6	20.1
7 20	21 13.94	−18 11.5	2.350	3.331	5.4	19.9
7 30	21 5.38	−18 42.4	2.317	3.328	2.0	19.7
8 9	20 56.31	−19 12.3	2.314	3.324	1.8	19.6
8 19	20 47.51	−19 37.9	2.339	3.319	5.2	19.9
8 29	20 39.75	−19 57.0	2.392	3.314	8.4	20.1
9 8	20 33.67	−20 8.4	2.470	3.307	11.3	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
325803 2010 RH_{93}			8 4.8 291.°88	5.°6/ 7.7 17		
	h m	° ′			°	m
6 30	21 24.04	− 4 10.4	1.394	2.234	18.6	20.8
7 10	21 20.39	− 3 48.0	1.309	2.220	15.2	20.6
7 20	21 14.05	− 3 45.9	1.243	2.206	11.2	20.3
7 30	21 5.60	− 4 5.3	1.198	2.192	7.3	20.0
8 9	20 56.09	− 4 44.0	1.176	2.177	5.6	19.9
8 19	20 46.81	− 5 37.6	1.178	2.163	8.3	20.0
8 29	20 39.11	− 6 39.0	1.204	2.150	12.6	20.2
9 8	20 34.04	− 7 40.8	1.250	2.136	16.9	20.4
352996 2009 BV_{112}			8 4.8 176.°82	5.°8/31.8 18		
6 30	21 30.58	−33 53.1	2.252	3.105	12.0	21.3
7 10	21 24.38	−34 35.2	2.186	3.106	9.5	21.2
7 20	21 16.01	−35 11.9	2.144	3.107	7.2	21.0
7 30	21 6.15	−35 37.1	2.127	3.108	5.9	21.0
8 9	20 55.78	−35 46.3	2.138	3.108	6.5	21.0
8 19	20 45.93	−35 37.4	2.175	3.108	8.6	21.1
8 29	20 37.59	−35 10.7	2.237	3.108	11.1	21.3
9 8	20 31.45	−34 29.0	2.321	3.107	13.5	21.5
405468 2004 VS_{11}			8 4.8 251.°47	5.°6/30.1 18		
6 30	21 25.96	−34 46.1	2.796	3.647	10.0	21.4
7 10	21 20.78	−35 49.5	2.713	3.629	8.0	21.2
7 20	21 13.74	−36 49.3	2.655	3.612	6.3	21.1
7 30	21 5.35	−37 40.2	2.624	3.594	5.6	21.0
8 9	20 56.32	−38 17.4	2.620	3.576	6.3	21.0
8 19	20 47.49	−38 38.0	2.642	3.557	8.1	21.1
8 29	20 39.71	−38 41.0	2.690	3.538	10.2	21.2
9 8	20 33.65	−38 27.7	2.760	3.518	12.2	21.4
235090 2003 HG_{39}			8 4.8 136.°04	5.°1/ 1.5 17		
6 30	21 28.23	−27 35.8	1.744	2.614	14.1	20.1
7 10	21 23.09	−28 35.5	1.681	2.618	10.8	19.9
7 20	21 15.44	−29 35.2	1.641	2.621	7.5	19.7
7 30	21 6.00	−30 27.6	1.626	2.623	5.2	19.6
8 9	20 55.89	−31 5.7	1.636	2.626	6.1	19.6
8 19	20 46.32	−31 25.6	1.673	2.629	9.1	19.8
8 29	20 38.46	−31 26.1	1.733	2.631	12.4	20.0
9 8	20 33.10	−31 9.0	1.814	2.633	15.4	20.2
81063 2000 EJ_{70}			8 4.8 342.°08	0.°4/ 5.1 18		
6 30	21 22.41	−14 0.9	1.694	2.556	14.9	18.6
7 10	21 18.62	−14 20.0	1.618	2.551	11.4	18.4
7 20	21 12.60	−14 50.2	1.563	2.547	7.3	18.1
7 30	21 4.96	−15 28.3	1.532	2.543	2.9	17.9
8 9	20 56.63	−16 9.4	1.528	2.539	1.9	17.8
8 19	20 48.66	−16 48.7	1.549	2.536	6.4	18.1
8 29	20 42.09	−17 22.0	1.594	2.533	10.6	18.3
9 8	20 37.72	−17 46.4	1.662	2.531	14.3	18.5
392009 2008 YV_{161}			8 4.8 139.°42	3.°7/ 2.4 16		
6 30	21 28.49	−26 27.0	2.092	2.952	12.5	21.3
7 10	21 22.80	−27 0.7	2.026	2.958	9.5	21.1
7 20	21 15.00	−27 33.9	1.983	2.963	6.4	20.9
7 30	21 5.79	−28 1.5	1.967	2.969	3.9	20.8
8 9	20 56.07	−28 19.0	1.978	2.974	4.5	20.8
8 19	20 46.85	−28 23.6	2.016	2.979	7.3	21.0
8 29	20 39.06	−28 14.6	2.080	2.983	10.4	21.2
9 8	20 33.39	−27 53.2	2.167	2.987	13.2	21.4
354686 2005 PV_{23}			8 4.8 305.°01	3.°3/ 2.8 18		
6 30	21 27.17	−25 35.1	2.022	2.886	12.7	20.7
7 10	21 21.94	−25 55.7	1.946	2.881	9.7	20.5
7 20	21 14.55	−26 16.4	1.893	2.875	6.4	20.3
7 30	21 5.65	−26 32.5	1.866	2.870	3.6	20.1
8 9	20 56.16	−26 39.6	1.865	2.865	4.1	20.1
8 19	20 47.10	−26 35.2	1.891	2.860	7.2	20.3
8 29	20 39.45	−26 18.4	1.943	2.855	10.6	20.5
9 8	20 33.93	−25 50.2	2.018	2.850	13.6	20.7
130398 2000 NR_{8}			8 4.8 291.°77	1.°4/ 5.6 18		
6 30	21 23.43	−10 37.1	1.334	2.200	17.9	19.1
7 10	21 20.10	−11 10.4	1.253	2.186	14.0	18.8
7 20	21 13.96	−12 3.5	1.190	2.173	9.2	18.5
7 30	21 5.61	−13 13.0	1.150	2.159	4.0	18.1
8 9	20 56.16	−14 32.0	1.134	2.145	2.4	18.0
8 19	20 46.95	−15 52.0	1.142	2.132	7.7	18.3
8 29	20 39.43	−17 4.9	1.174	2.119	13.0	18.5
9 8	20 34.69	−18 4.9	1.226	2.106	17.6	18.8
109819 2001 RO_{107}			8 4.8 43.°02	2.°2/ 6.1 17		
6 30	21 23.61	− 9 35.0	1.344	2.206	18.0	20.0
7 10	21 19.83	− 9 54.7	1.287	2.217	14.0	19.8
7 20	21 13.46	−10 32.2	1.249	2.228	9.3	19.5
7 30	21 5.30	−11 24.2	1.233	2.240	4.4	19.3
8 9	20 56.49	−12 24.5	1.241	2.252	2.6	19.2
8 19	20 48.29	−13 26.2	1.274	2.265	7.1	19.5
8 29	20 41.86	−14 22.9	1.331	2.277	11.6	19.8
9 8	20 38.02	−15 9.7	1.409	2.291	15.6	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
161448 2003 YK_{63}			8 4.8 312.°15	1.°8/ 3.5 18		
	h m	° ′			°	m
6 30	21 21.07	−16 53.4	1.619	2.492	14.9	19.1
7 10	21 17.97	−17 58.1	1.531	2.472	11.3	18.8
7 20	21 12.45	−19 16.3	1.464	2.452	7.2	18.5
7 30	21 5.03	−20 42.2	1.421	2.432	2.8	18.2
8 9	20 56.63	−22 8.0	1.405	2.413	3.3	18.2
8 19	20 48.40	−23 25.8	1.414	2.394	7.8	18.4
8 29	20 41.54	−24 29.2	1.447	2.376	12.3	18.6
9 8	20 37.04	−25 14.8	1.502	2.358	16.2	18.8
6475 Refugium			8 4.8 331.°66	3.°2/ 6.7 18		R
6 30	21 22.68	− 8 48.8	1.914	2.753	14.4	15.5
7 10	21 18.60	− 8 22.1	1.827	2.742	11.4	15.3
7 20	21 12.51	− 8 6.4	1.762	2.731	8.0	15.1
7 30	21 4.95	− 8 1.6	1.720	2.721	4.6	14.9
8 9	20 56.74	− 8 6.0	1.705	2.711	3.4	14.8
8 19	20 48.80	− 8 17.2	1.716	2.702	6.1	14.9
8 29	20 42.05	− 8 32.2	1.753	2.693	9.7	15.1
9 8	20 37.23	− 8 47.5	1.812	2.685	13.1	15.3
153234 2000 YV_{114}			8 4.8 151.°96	0.°0/ 4.6 18		
6 30	21 24.60	−16 27.9	2.738	3.577	10.5	20.9
7 10	21 19.35	−16 35.7	2.661	3.583	8.0	20.8
7 20	21 12.62	−16 48.3	2.609	3.589	5.0	20.6
7 30	21 4.91	−17 3.4	2.585	3.595	1.9	20.4
8 9	20 56.82	−17 18.4	2.589	3.601	1.4	20.3
8 19	20 49.04	−17 31.1	2.623	3.606	4.5	20.6
8 29	20 42.21	−17 39.9	2.685	3.610	7.4	20.8
9 8	20 36.84	−17 43.5	2.771	3.615	10.0	21.0
380285 2002 AQ_{169}			8 4.8 215.°63	1.°1/ 5.4 18		
6 30	21 28.97	−14 1.0	2.021	2.862	13.7	21.4
7 10	21 23.24	−13 51.4	1.935	2.856	10.5	21.2
7 20	21 15.40	−13 49.2	1.872	2.849	6.9	20.9
7 30	21 6.03	−13 52.5	1.834	2.842	2.9	20.7
8 9	20 56.01	−13 58.6	1.824	2.835	1.9	20.6
8 19	20 46.30	−14 5.0	1.842	2.827	5.8	20.8
8 29	20 37.90	−14 9.3	1.887	2.819	9.7	21.1
9 8	20 31.54	−14 9.8	1.956	2.811	13.1	21.3
6918 Manaslu			8 4.8 130.°38	0.°9/ 5.4 18		
6 30	21 27.48	−12 31.3	1.774	2.620	15.0	17.8
7 10	21 22.23	−12 53.8	1.707	2.631	11.5	17.6
7 20	21 14.77	−13 27.8	1.662	2.642	7.4	17.4
7 30	21 5.78	−14 10.0	1.642	2.652	3.1	17.1
8 9	20 56.23	−14 55.4	1.650	2.661	1.9	17.0
8 19	20 47.15	−15 39.4	1.684	2.670	6.1	17.3
8 29	20 39.56	−16 17.7	1.744	2.679	10.2	17.6
9 8	20 34.18	−16 47.6	1.827	2.687	13.6	17.8
457111 2008 FA_{13}			8 4.8 51.°45	1.°4/ 4.1 15		
6 30	21 26.75	−17 55.3	1.326	2.203	17.3	21.4
7 10	21 22.27	−18 27.2	1.274	2.217	13.0	21.2
7 20	21 15.03	−19 8.4	1.242	2.231	8.1	21.0
7 30	21 5.92	−19 52.6	1.234	2.245	3.1	20.7
8 9	20 56.20	−20 33.1	1.250	2.260	3.0	20.8
8 19	20 47.23	−21 4.5	1.291	2.275	7.9	21.1
8 29	20 40.25	−21 23.4	1.354	2.290	12.4	21.4
9 8	20 36.05	−21 29.1	1.439	2.306	16.2	21.7
210328 2007 TV_{278}			8 4.8 274.°25	3.°0/ 2.9 18		
6 30	21 26.70	−23 31.9	1.896	2.761	13.4	21.1
7 10	21 21.76	−24 3.0	1.820	2.756	10.1	20.9
7 20	21 14.56	−24 36.6	1.767	2.751	6.6	20.6
7 30	21 5.75	−25 7.6	1.739	2.746	3.4	20.4
8 9	20 56.27	−25 30.9	1.738	2.740	3.9	20.5
8 19	20 47.20	−25 42.9	1.763	2.735	7.4	20.7
8 29	20 39.57	−25 42.0	1.814	2.730	11.0	20.9
9 8	20 34.15	−25 28.4	1.887	2.725	14.2	21.1
395912 2013 AM_{87}			8 4.8 20.°02	2.°0/ 3.5 18		
6 30	21 23.73	−20 2.4	1.822	2.690	13.7	21.0
7 10	21 19.49	−20 40.9	1.754	2.692	10.3	20.8
7 20	21 13.10	−21 25.4	1.708	2.695	6.5	20.6
7 30	21 5.19	−22 10.7	1.688	2.698	2.8	20.4
8 9	20 56.69	−22 51.4	1.694	2.701	3.1	20.4
8 19	20 48.61	−23 23.1	1.726	2.704	6.9	20.7
8 29	20 41.94	−23 43.1	1.783	2.707	10.6	20.9
9 8	20 37.41	−23 50.6	1.862	2.711	13.9	21.1
275312 2010 TE_{142}			8 4.8 248.°08	4.°7/31.5 18		
6 30	21 24.29	−29 18.6	2.418	3.280	11.0	20.6
7 10	21 19.64	−30 23.0	2.342	3.273	8.5	20.4
7 20	21 13.10	−31 27.0	2.291	3.265	6.1	20.2
7 30	21 5.19	−32 24.7	2.266	3.257	4.7	20.1
8 9	20 56.67	−33 11.0	2.269	3.249	5.5	20.2
8 19	20 48.42	−33 42.3	2.299	3.241	7.8	20.3
8 29	20 41.29	−33 56.9	2.354	3.232	10.3	20.5
9 8	20 35.98	−33 55.6	2.431	3.224	12.7	20.6

506285 2016 VM_5 8 4.8 313°.83 14°.1/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 59.14	−51 53.6	1.585	2.388	18.4	20.0
7 10	21 47.99	−52 22.8	1.509	2.368	16.6	19.9
7 20	21 31.81	−52 26.6	1.452	2.348	14.9	19.7
7 30	21 12.21	−51 50.4	1.416	2.328	14.1	19.6
8 9	20 51.86	−50 25.1	1.404	2.309	14.5	19.6
8 19	20 33.62	−48 11.7	1.415	2.291	16.2	19.6
8 29	20 19.60	−45 20.5	1.449	2.273	18.5	19.7
9 8	20 10.65	−42 6.5	1.504	2.255	21.0	19.9

247572 2002 SB_{73} 8 4.8 153°.55 0°.7/ 4.3 18

6 30	21 23.73	−16 2.1	1.939	2.796	13.5	21.1
7 10	21 19.37	−16 42.1	1.865	2.797	10.2	20.8
7 20	21 12.99	−17 31.1	1.814	2.798	6.4	20.6
7 30	21 5.15	−18 24.9	1.788	2.799	2.4	20.4
8 9	20 56.71	−19 18.4	1.789	2.799	2.1	20.3
8 19	20 48.62	−20 6.6	1.817	2.800	6.1	20.6
8 29	20 41.80	−20 45.7	1.872	2.801	9.9	20.8
9 8	20 36.96	−21 13.7	1.949	2.801	13.2	21.1

474680 2005 EK_{62} 8 4.8 195°.08 2°.0/ 3.6 18

6 30	21 27.50	−21 26.9	1.944	2.804	13.3	21.4
7 10	21 22.22	−21 46.1	1.870	2.804	10.1	21.1
7 20	21 14.78	−22 8.8	1.819	2.803	6.4	20.9
7 30	21 5.81	−22 30.5	1.793	2.803	2.8	20.7
8 9	20 56.26	−22 47.0	1.795	2.802	3.0	20.7
8 19	20 47.13	−22 55.1	1.824	2.801	6.7	20.9
8 29	20 39.43	−22 53.1	1.878	2.800	10.3	21.2
9 8	20 33.87	−22 41.0	1.955	2.799	13.5	21.4

154955 2004 TN_{120} 8 4.8 270°.33 1°.5/ 6.0 18

6 30	21 22.24	−11 1.0	2.441	3.275	11.8	20.0
7 10	21 17.91	−11 6.5	2.346	3.261	9.2	19.8
7 20	21 11.92	−11 21.3	2.274	3.247	6.1	19.6
7 30	21 4.74	−11 43.6	2.228	3.233	2.9	19.4
8 9	20 57.00	−12 11.0	2.209	3.219	1.9	19.3
8 19	20 49.43	−12 40.4	2.219	3.205	4.9	19.5
8 29	20 42.79	−13 9.1	2.256	3.191	8.2	19.7
9 8	20 37.68	−13 34.2	2.318	3.176	11.1	19.8

76973 2001 BT_{53} 8 4.8 47°.94 7°.4/ 8.1 18

6 30	21 28.97	− 3 26.4	1.273	2.110	20.3	18.3
7 10	21 23.90	− 2 12.6	1.219	2.124	16.6	18.1
7 20	21 16.06	− 1 18.6	1.183	2.139	12.5	17.9
7 30	21 6.31	− 0 47.3	1.169	2.154	8.9	17.7
8 9	20 55.94	− 0 38.5	1.177	2.170	7.4	17.7
8 19	20 46.32	− 0 49.1	1.209	2.186	9.4	17.8
8 29	20 38.69	− 1 13.7	1.264	2.202	12.8	18.1
9 8	20 33.89	− 1 45.5	1.339	2.219	16.3	18.3

183202 2002 TP_{17} 8 4.8 321°.94 1°.1/ 5.5 18

6 30	21 22.92	−12 55.6	1.699	2.557	15.0	20.4
7 10	21 19.08	−13 4.0	1.617	2.547	11.6	20.2
7 20	21 12.97	−13 23.9	1.556	2.537	7.6	19.9
7 30	21 5.20	−13 52.8	1.519	2.528	3.2	19.6
8 9	20 56.68	−14 26.5	1.508	2.519	2.0	19.5
8 19	20 48.46	−15 0.7	1.523	2.511	6.4	19.8
8 29	20 41.62	−15 31.0	1.562	2.503	10.6	20.0
9 8	20 36.97	−15 54.4	1.624	2.495	14.4	20.3

499825 2011 DB_{22} 8 4.8 200°.10 7°.4/30.8 17

6 30	21 38.86	−39 14.9	2.350	3.182	12.3	22.3
7 10	21 30.81	−40 5.7	2.278	3.177	10.1	22.2
7 20	21 20.22	−40 47.4	2.230	3.172	8.3	22.0
7 30	21 7.85	−41 13.0	2.209	3.165	7.4	22.0
8 9	20 54.83	−41 17.1	2.214	3.158	8.0	22.0
8 19	20 42.41	−40 57.8	2.246	3.149	9.9	22.1
8 29	20 31.74	−40 16.6	2.304	3.140	12.1	22.2
9 8	20 23.63	−39 17.6	2.383	3.130	14.2	22.4

511799 2015 FC_{41} 8 4.8 156°.35 8°.6/30.3 18

6 30	21 33.19	−38 17.2	1.841	2.697	14.1	20.8
7 10	21 27.02	−39 24.9	1.785	2.699	11.6	20.6
7 20	21 18.02	−40 23.3	1.751	2.701	9.5	20.5
7 30	21 7.06	−41 3.8	1.741	2.703	8.6	20.5
8 9	20 55.41	−41 19.9	1.757	2.705	9.4	20.5
8 19	20 44.49	−41 9.3	1.796	2.707	11.5	20.6
8 29	20 35.58	−40 33.4	1.858	2.708	13.9	20.8
9 8	20 29.52	−39 37.2	1.939	2.710	16.3	21.0

472138 2014 BJ_{61} 8 4.8 178°.18 2°.7/ 3.2 16

6 30	21 30.29	−24 19.3	2.125	2.979	12.6	21.2
7 10	21 24.15	−24 35.4	2.050	2.980	9.5	21.0
7 20	21 15.91	−24 52.0	2.000	2.981	6.2	20.8
7 30	21 6.23	−25 4.7	1.975	2.982	3.2	20.6
8 9	20 56.02	−25 9.7	1.979	2.982	3.5	20.6
8 19	20 46.27	−25 4.6	2.011	2.982	6.7	20.8
8 29	20 37.93	−24 48.8	2.069	2.981	10.0	21.0
9 8	20 31.70	−24 23.0	2.151	2.980	13.0	21.2

330268 2006 SV_{68} 8 4.8 185°.75 1°.1/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.44	−11 55.9	1.650	2.501	15.7	22.1
7 10	21 21.74	−12 17.7	1.575	2.501	12.1	21.9
7 20	21 14.66	−12 53.0	1.521	2.501	7.9	21.7
7 30	21 5.83	−13 38.4	1.492	2.501	3.4	21.4
8 9	20 56.27	−14 28.8	1.488	2.500	2.0	21.3
8 19	20 47.09	−15 18.8	1.511	2.499	6.5	21.6
8 29	20 39.43	−16 3.3	1.560	2.497	10.9	21.8
9 8	20 34.11	−16 39.0	1.630	2.496	14.7	22.1

14047 Kohichiro 8 4.8 237°.29 3°.5/ 7.1 18

6 30	21 25.08	− 6 30.1	1.677	2.512	16.3	18.3
7 10	21 20.72	− 6 33.1	1.595	2.506	13.0	18.1
7 20	21 14.03	− 6 53.2	1.532	2.499	9.1	17.8
7 30	21 5.62	− 7 29.3	1.493	2.493	5.2	17.6
8 9	20 56.40	− 8 17.9	1.479	2.486	3.6	17.5
8 19	20 47.47	− 9 13.9	1.492	2.479	6.7	17.6
8 29	20 39.93	−10 11.5	1.530	2.471	10.8	17.9
9 8	20 34.64	−11 5.4	1.590	2.464	14.6	18.1

384711 2011 HH_{51} 8 4.8 351°.56 1°.9/ 3.4 17

6 30	21 21.43	−16 33.3	1.474	2.352	15.9	19.7
7 10	21 18.29	−17 46.8	1.405	2.348	12.0	19.4
7 20	21 12.64	−19 14.0	1.357	2.346	7.5	19.2
7 30	21 5.12	−20 47.9	1.332	2.343	3.0	18.9
8 9	20 56.77	−22 19.4	1.333	2.342	3.4	18.9
8 19	20 48.81	−23 40.2	1.360	2.341	8.0	19.2
8 29	20 42.43	−24 44.1	1.410	2.340	12.4	19.4
9 8	20 38.54	−25 28.6	1.481	2.340	16.3	19.7

404072 2012 DF_{67} 8 4.8 182°.44 0°.2/ 4.7 18

6 30	21 22.01	−15 44.2	2.712	3.555	10.5	22.0
7 10	21 17.52	−16 10.1	2.631	3.555	7.9	21.8
7 20	21 11.56	−16 42.0	2.574	3.555	5.0	21.6
7 30	21 4.59	−17 17.5	2.544	3.555	1.9	21.4
8 9	20 57.19	−17 53.2	2.543	3.554	1.4	21.4
8 19	20 50.03	−18 26.3	2.571	3.554	4.6	21.6
8 29	20 43.76	−18 54.3	2.627	3.553	7.6	21.8
9 8	20 38.89	−19 15.5	2.707	3.552	10.2	22.0

15737 1991 CL 8 4.8 118°.42 0°.5/ 4.4 18

6 30	21 24.13	−14 24.5	2.136	2.984	12.8	17.3
7 10	21 19.43	−15 24.4	2.070	2.996	9.6	17.1
7 20	21 12.91	−16 34.2	2.027	3.009	6.0	16.9
7 30	21 5.11	−17 49.1	2.010	3.021	2.2	16.7
8 9	20 56.83	−19 3.6	2.022	3.033	1.9	16.7
8 19	20 48.89	−20 12.3	2.063	3.044	5.6	16.9
8 29	20 42.13	−21 11.3	2.131	3.056	9.1	17.2
9 8	20 37.18	−21 58.1	2.222	3.066	12.1	17.4

428174 2006 TC_{30} 8 4.8 220°.37 2°.2/ 3.4 17

6 30	21 28.30	−20 17.3	1.802	2.663	14.2	22.0
7 10	21 23.14	−20 58.0	1.722	2.656	10.7	21.8
7 20	21 15.55	−21 45.2	1.664	2.649	6.8	21.5
7 30	21 6.19	−22 33.3	1.632	2.641	3.0	21.3
8 9	20 56.02	−23 16.4	1.627	2.633	3.4	21.3
8 19	20 46.20	−23 49.5	1.648	2.624	7.4	21.5
8 29	20 37.86	−24 9.7	1.695	2.615	11.4	21.7
9 8	20 31.85	−24 16.3	1.764	2.606	14.9	21.9

307559 2003 ES_{49} 8 4.8 74°.03 2°.3/ 6.2 17

6 30	21 27.00	− 9 8.2	1.257	2.117	19.1	19.9
7 10	21 22.52	− 9 30.7	1.205	2.133	14.8	19.7
7 20	21 15.24	−10 12.6	1.171	2.149	9.9	19.4
7 30	21 6.04	−11 9.9	1.159	2.166	4.7	19.2
8 9	20 56.20	−12 15.8	1.171	2.182	2.8	19.1
8 19	20 47.08	−13 22.4	1.208	2.198	7.4	19.5
8 29	20 39.96	−14 22.9	1.269	2.215	12.2	19.8
9 8	20 35.65	−15 12.5	1.350	2.231	16.2	20.1

319499 2006 QP_{81} 8 4.8 333°.09 6°.6/ 2.2 18

6 30	21 30.25	−29 43.1	1.217	2.105	17.8	19.7
7 10	21 25.74	−30 13.6	1.151	2.095	13.9	19.4
7 20	21 17.72	−30 40.6	1.104	2.086	9.8	19.2
7 30	21 7.09	−30 55.1	1.078	2.078	6.8	19.0
8 9	20 55.43	−30 49.2	1.076	2.070	7.6	19.0
8 19	20 44.54	−30 19.5	1.096	2.063	11.4	19.2
8 29	20 36.10	−29 27.3	1.138	2.057	15.7	19.4
9 8	20 31.16	−28 17.5	1.198	2.052	19.6	19.6

398186 2010 KY_{119} 8 4.8 13°.83 2°.0/ 3.7 18

6 30	21 26.94	−22 6.2	1.883	2.747	13.5	20.8
7 10	21 21.82	−22 13.0	1.813	2.749	10.2	20.6
7 20	21 14.53	−22 22.0	1.765	2.750	6.5	20.4
7 30	21 5.74	−22 29.3	1.743	2.752	2.8	20.2
8 9	20 56.42	−22 31.2	1.747	2.755	3.0	20.2
8 19	20 47.59	−22 25.1	1.779	2.757	6.7	20.5
8 29	20 40.24	−22 10.1	1.835	2.760	10.3	20.7
9 8	20 35.07	−21 46.3	1.915	2.764	13.6	20.9

251529 2008 HR_1 8 4.8 216°.32 2°.7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.04	− 6 6.6	2.404	3.223	12.4	20.9
7 10	21 16.97	− 6 24.8	2.319	3.220	9.9	20.7
7 20	21 11.31	− 6 56.0	2.255	3.218	6.9	20.5
7 30	21 4.53	− 7 38.9	2.217	3.215	4.0	20.3
8 9	20 57.26	− 8 30.4	2.207	3.213	2.7	20.2
8 19	20 50.20	− 9 26.7	2.224	3.210	5.0	20.4
8 29	20 44.07	−10 23.8	2.270	3.207	8.0	20.6
9 8	20 39.45	−11 17.8	2.340	3.204	10.9	20.8

199676 2006 HC_5 8 4.8 116°.82 7°.4/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 32.30	−35 37.3	1.865	2.725	13.8	19.9
7 10	21 26.16	−36 32.5	1.809	2.730	11.1	19.8
7 20	21 17.39	−37 20.1	1.776	2.736	8.7	19.6
7 30	21 6.82	−37 52.5	1.766	2.741	7.4	19.6
8 9	20 55.68	−38 3.8	1.783	2.746	8.2	19.6
8 19	20 45.25	−37 51.9	1.824	2.751	10.4	19.8
8 29	20 36.71	−37 18.0	1.889	2.756	13.0	19.9
9 8	20 30.84	−36 26.1	1.974	2.761	15.5	20.1

380742 2005 SW_{97} 8 4.8 350°.63 4°.3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.11	− 8 21.4	1.262	2.125	18.9	20.3
7 10	21 19.80	− 7 48.3	1.192	2.119	15.0	20.0
7 20	21 13.72	− 7 31.8	1.140	2.115	10.6	19.8
7 30	21 5.57	− 7 32.2	1.109	2.111	6.2	19.5
8 9	20 56.53	− 7 47.1	1.101	2.108	4.5	19.4
8 19	20 47.96	− 8 12.3	1.116	2.106	8.0	19.6
8 29	20 41.19	− 8 42.3	1.154	2.105	12.6	19.9
9 8	20 37.18	− 9 11.7	1.212	2.105	16.8	20.1

67059 1999 XZ_{229} 8 4.8 122°.13 1°.8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.51	−12 3.4	1.987	2.823	14.0	17.6
7 10	21 22.77	−11 46.5	1.916	2.832	10.8	17.5
7 20	21 15.03	−11 38.4	1.867	2.841	7.2	17.3
7 30	21 5.92	−11 37.6	1.844	2.850	3.4	17.0
8 9	20 56.33	−11 41.8	1.849	2.859	2.3	17.0
8 19	20 47.19	−11 48.5	1.881	2.867	5.7	17.2
8 29	20 39.41	−11 55.2	1.940	2.875	9.3	17.5
9 8	20 33.65	−11 59.9	2.023	2.882	12.5	17.7

202420 2005 UO_{506} 8 4.8 77°.89 1°.0/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.52	−17 17.2	1.733	2.596	14.6	20.8
7 10	21 20.87	−17 52.6	1.671	2.606	11.0	20.6
7 20	21 13.99	−18 36.2	1.630	2.616	6.9	20.4
7 30	21 5.56	−19 23.1	1.614	2.625	2.6	20.1
8 9	20 56.58	−20 7.9	1.625	2.635	2.4	20.1
8 19	20 48.10	−20 45.7	1.662	2.645	6.6	20.4
8 29	20 41.13	−21 13.2	1.725	2.654	10.6	20.7
9 8	20 36.38	−21 29.2	1.809	2.664	14.0	20.9

414046 2007 RY_{163} 8 4.8 146°.21 4°.4/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.60	− 4 56.9	1.494	2.328	17.9	21.2
7 10	21 22.01	− 4 56.2	1.424	2.333	14.4	21.0
7 20	21 14.90	− 5 15.3	1.372	2.337	10.3	20.8
7 30	21 5.97	− 5 53.5	1.344	2.341	6.2	20.6
8 9	20 56.27	− 6 46.7	1.340	2.344	4.4	20.5
8 19	20 47.03	− 7 49.2	1.361	2.347	7.3	20.7
8 29	20 39.41	− 8 54.0	1.407	2.350	11.4	20.9
9 8	20 34.28	− 9 55.0	1.475	2.353	15.3	21.1

68014 2000 YF_{10} 8 4.9 26°.24 1°.5/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.95	−13 44.2	2.294	3.128	12.5	17.9
7 10	21 22.15	−13 12.6	2.213	3.129	9.6	17.7
7 20	21 14.57	−12 46.5	2.155	3.130	6.3	17.5
7 30	21 5.75	−12 25.1	2.124	3.130	2.9	17.3
8 9	20 56.47	−12 6.9	2.121	3.131	2.0	17.2
8 19	20 47.55	−11 50.8	2.148	3.132	5.2	17.5
8 29	20 39.80	−11 35.5	2.201	3.133	8.5	17.7
9 8	20 33.83	−11 19.7	2.280	3.134	11.5	17.9

187372 2005 UT_{319} 8 4.9 81°.11 5°.8/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.30	−32 55.6	2.196	3.056	12.0	20.0
7 10	21 21.97	−33 50.9	2.141	3.066	9.4	19.8
7 20	21 14.56	−34 41.6	2.110	3.076	7.1	19.7
7 30	21 5.75	−35 21.4	2.104	3.086	5.8	19.6
8 9	20 56.48	−35 45.7	2.125	3.096	6.5	19.7
8 19	20 47.72	−35 51.9	2.172	3.105	8.6	19.8
8 29	20 40.41	−35 40.1	2.243	3.115	11.1	20.0
9 8	20 35.21	−35 12.4	2.336	3.125	13.3	20.2

146898 2002 CL_{74} 8 4.9 81°.97 0°.8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.80	−17 41.4	2.179	3.034	12.3	20.2
7 10	21 19.16	−18 6.8	2.111	3.042	9.3	20.1
7 20	21 12.73	−18 38.2	2.065	3.049	5.8	19.9
7 30	21 5.07	−19 12.0	2.046	3.056	2.2	19.6
8 9	20 56.95	−19 44.2	2.054	3.064	2.0	19.6
8 19	20 49.21	−20 11.5	2.090	3.071	5.6	19.9
8 29	20 42.64	−20 31.2	2.152	3.079	8.9	20.1
9 8	20 37.86	−20 42.3	2.238	3.086	11.9	20.3

262037 2006 QD_{142} 8 4.9 281°.28 4°.5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.10	− 5 58.8	1.500	2.340	17.6	20.6
7 10	21 21.05	− 5 42.6	1.417	2.330	14.1	20.4
7 20	21 14.43	− 5 44.1	1.353	2.320	10.2	20.1
7 30	21 5.86	− 6 3.4	1.312	2.310	6.2	19.9
8 9	20 56.37	− 6 38.1	1.295	2.300	4.6	19.8
8 19	20 47.16	− 7 23.5	1.303	2.290	7.5	19.9
8 29	20 39.48	− 8 13.6	1.336	2.280	11.8	20.1
9 8	20 34.28	− 9 2.6	1.389	2.270	15.8	20.4

242276 2003 UW_{63} 8 4.9 246°.02 10°.6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 22.04	+17 35.6	2.269	2.944	16.9	20.5
7 10	21 18.00	+17 58.6	2.171	2.932	15.4	20.4
7 20	21 12.14	+17 55.8	2.090	2.920	13.6	20.2
7 30	21 4.93	+17 23.5	2.028	2.908	12.0	20.1
8 9	20 57.05	+16 20.9	1.988	2.895	10.9	20.0
8 19	20 49.30	+14 49.9	1.973	2.882	10.7	19.9
8 29	20 42.54	+12 56.0	1.981	2.869	11.6	20.0
9 8	20 37.46	+10 47.1	2.014	2.855	13.3	20.1

107205 2001 BW_{33} 8 4.9 166°.58 1°.3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.22	−10 41.0	1.886	2.724	14.6	20.8
7 10	21 22.05	−11 11.8	1.811	2.729	11.3	20.6
7 20	21 14.73	−11 55.8	1.757	2.733	7.4	20.3
7 30	21 5.89	−12 49.9	1.729	2.737	3.3	20.1
8 9	20 56.41	−13 49.0	1.729	2.740	1.9	20.0
8 19	20 47.29	−14 47.9	1.756	2.742	5.9	20.3
8 29	20 39.51	−15 41.7	1.810	2.744	9.9	20.5
9 8	20 33.83	−16 27.1	1.887	2.745	13.3	20.7

507794 2014 BJ_{15} 8 4.9 169°.69 6°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 30.48	−33 58.8	2.366	3.217	11.6	22.3
7 10	21 24.35	−35 2.2	2.303	3.222	9.2	22.2
7 20	21 16.10	−36 0.9	2.265	3.225	7.1	22.0
7 30	21 6.38	−36 48.5	2.253	3.228	6.0	22.0
8 9	20 56.08	−37 19.8	2.268	3.231	6.7	22.0
8 19	20 46.23	−37 32.2	2.310	3.232	8.7	22.2
8 29	20 37.79	−37 25.4	2.376	3.234	11.0	22.3
9 8	20 31.45	−37 1.8	2.465	3.234	13.2	22.5

99807 2002 LU_{18} 8 4.9 2°.28 8°.1/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.92	−31 11.6	1.497	2.383	15.2	18.5
7 10	21 20.49	−33 6.9	1.442	2.382	12.0	18.3
7 20	21 14.21	−35 1.1	1.409	2.382	9.2	18.1
7 30	21 5.80	−36 42.9	1.400	2.382	8.1	18.1
8 9	20 56.48	−38 2.0	1.415	2.383	9.4	18.2
8 19	20 47.65	−38 52.2	1.453	2.384	12.2	18.3
8 29	20 40.72	−39 12.0	1.513	2.386	15.3	18.5
9 8	20 36.63	−39 4.4	1.590	2.389	18.1	18.7

476954 2008 XB_{35} 8 4.9 202°.77 9°.0/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.56	+ 7 30.3	2.162	2.904	15.9	21.5
7 10	21 21.37	+ 8 39.9	2.077	2.902	13.9	21.3
7 20	21 14.25	+ 9 31.4	2.011	2.899	11.7	21.1
7 30	21 5.72	+10 1.3	1.968	2.896	9.9	21.0
8 9	20 56.54	+10 8.2	1.950	2.893	9.0	21.0
8 19	20 47.56	+ 9 53.2	1.956	2.889	9.5	21.0
8 29	20 39.68	+ 9 19.5	1.988	2.885	11.1	21.1
9 8	20 33.60	+ 8 32.7	2.042	2.881	13.2	21.2

433871 2015 BE_{308} 8 4.9 175°.84 0°.9/ 4.2 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.71	−16 44.1	1.872	2.726	14.0	22.0
7 10	21 22.50	−17 23.9	1.798	2.728	10.6	21.8
7 20	21 15.06	−18 12.4	1.746	2.730	6.7	21.6
7 30	21 6.04	−19 4.9	1.720	2.731	2.5	21.3
8 9	20 56.34	−19 56.0	1.722	2.732	2.3	21.3
8 19	20 47.03	−20 40.6	1.750	2.732	6.5	21.6
8 29	20 39.11	−21 15.2	1.805	2.731	10.4	21.8
9 8	20 33.38	−21 38.1	1.883	2.730	13.8	22.0

417998 2007 TL_{384} 8 4.9 164°.70 0°.5/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.85	−12 20.1	1.637	2.489	15.8	22.1
7 10	21 22.09	−13 0.3	1.566	2.493	12.1	21.9
7 20	21 14.93	−13 54.7	1.515	2.496	7.8	21.6
7 30	21 6.01	−14 58.9	1.489	2.498	3.1	21.4
8 9	20 56.36	−16 6.7	1.489	2.501	1.9	21.3
8 19	20 47.11	−17 11.6	1.516	2.502	6.7	21.6
8 29	20 39.40	−18 8.1	1.568	2.504	11.0	21.9
9 8	20 34.06	−18 52.7	1.643	2.504	14.8	22.1

153591 2001 SN_{263} 8 4.9 161°.46 0°.8/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 36.69	−17 27.1	2.049	2.882	13.8	21.5
7 10	21 29.00	−17 57.1	1.976	2.895	10.4	21.4
7 20	21 19.03	−18 33.3	1.927	2.906	6.6	21.1
7 30	21 7.49	−19 11.3	1.906	2.916	2.5	20.9
8 9	20 55.36	−19 46.2	1.914	2.924	2.2	20.9
8 19	20 43.73	−20 14.2	1.952	2.930	6.2	21.2
8 29	20 33.64	−20 32.9	2.018	2.934	10.0	21.4
9 8	20 25.82	−20 41.7	2.108	2.937	13.2	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
423957 2006 UM_{80}			8 4.9 209°.78	1°.2/ 4.1 17		
	h m	° ′			°	m
6 30	21 27.99	−17 52.3	1.814	2.671	14.3	21.7
7 10	21 22.86	−18 27.0	1.735	2.667	10.8	21.5
7 20	21 15.38	−19 9.7	1.677	2.662	6.9	21.3
7 30	21 6.19	−19 55.7	1.646	2.656	2.6	21.0
8 9	20 56.24	−20 39.5	1.641	2.650	2.6	21.0
8 19	20 46.63	−21 16.3	1.663	2.644	6.8	21.2
8 29	20 38.46	−21 42.5	1.711	2.637	10.9	21.5
9 8	20 32.55	−21 56.9	1.781	2.629	14.4	21.7
366261 2013 AA_{8}			8 4.9 48°.08	1°.4/ 5.7 18		
6 30	21 26.39	−13 34.1	1.900	2.747	14.1	19.8
7 10	21 21.25	−13 16.5	1.835	2.758	10.8	19.6
7 20	21 14.11	−13 7.0	1.792	2.770	7.1	19.4
7 30	21 5.63	−13 3.7	1.774	2.782	3.1	19.2
8 9	20 56.71	−13 4.4	1.783	2.794	2.0	19.1
8 19	20 48.28	−13 6.6	1.819	2.806	5.7	19.4
8 29	20 41.24	−13 8.0	1.881	2.819	9.4	19.6
9 8	20 36.24	−13 6.8	1.967	2.831	12.6	19.9
480338 2015 KN_{6}			8 4.9 250°.89	11°.8/14.5 16		
6 30	21 22.96	+15 55.4	2.027	2.724	18.1	21.5
7 10	21 18.90	+16 53.1	1.939	2.715	16.4	21.4
7 20	21 12.83	+17 25.7	1.867	2.706	14.6	21.2
7 30	21 5.24	+17 28.6	1.814	2.697	13.0	21.1
8 9	20 56.91	+16 59.8	1.782	2.688	11.9	21.0
8 19	20 48.72	+16 0.6	1.772	2.678	11.9	21.0
8 29	20 41.65	+14 35.6	1.785	2.668	12.9	21.0
9 8	20 36.46	+12 52.9	1.820	2.659	14.6	21.1
469293 1996 XW_{4}			8 4.9 278°.13	2°.0/ 3.7 18		
6 30	21 27.65	−20 38.2	1.819	2.681	14.0	22.2
7 10	21 22.82	−21 4.2	1.723	2.658	10.7	22.0
7 20	21 15.52	−21 36.0	1.650	2.635	6.9	21.7
7 30	21 6.31	−22 8.8	1.602	2.612	3.0	21.4
8 9	20 56.14	−22 37.2	1.580	2.588	3.2	21.4
8 19	20 46.15	−22 56.8	1.585	2.563	7.4	21.6
8 29	20 37.52	−23 4.8	1.616	2.539	11.6	21.8
9 8	20 31.22	−23 0.3	1.668	2.515	15.3	22.0
6287 Lenham			8 4.9 193°.19	0°.4/ 4.5 18		R
6 30	21 23.08	−16 47.5	2.694	3.538	10.5	18.5
7 10	21 18.38	−17 11.3	2.611	3.536	8.0	18.3
7 20	21 12.17	−17 40.6	2.553	3.534	5.0	18.1
7 30	21 4.91	−18 12.6	2.522	3.532	1.9	17.9
8 9	20 57.21	−18 44.2	2.519	3.530	1.5	17.8
8 19	20 49.74	−19 12.5	2.546	3.527	4.7	18.1
8 29	20 43.18	−19 35.2	2.600	3.524	7.7	18.3
9 8	20 38.06	−19 51.0	2.679	3.521	10.3	18.4
216280 2006 XM_{11}			8 4.9 344°.56	0°.0/ 4.6 17		
6 30	21 24.57	−16 23.8	1.211	2.095	18.2	20.2
7 10	21 21.14	−16 26.2	1.142	2.087	13.9	19.9
7 20	21 14.71	−16 39.3	1.093	2.081	8.9	19.6
7 30	21 6.03	−16 59.3	1.064	2.076	3.4	19.3
8 9	20 56.40	−17 20.7	1.059	2.071	2.4	19.2
8 19	20 47.29	−17 38.2	1.078	2.067	8.1	19.5
8 29	20 40.19	−17 47.9	1.118	2.065	13.3	19.8
9 8	20 36.07	−17 47.8	1.178	2.063	17.8	20.1
125565 2001 XQ_{16}			8 4.9 193°.23	0°.0/ 4.8 18		
6 30	21 26.08	−14 21.0	2.074	2.919	13.2	20.4
7 10	21 21.09	−14 51.6	1.993	2.918	10.1	20.2
7 20	21 14.11	−15 31.6	1.935	2.916	6.4	19.9
7 30	21 5.69	−16 17.7	1.903	2.913	2.4	19.7
8 9	20 56.66	−17 5.3	1.899	2.910	1.7	19.6
8 19	20 47.91	−17 49.9	1.922	2.906	5.7	19.9
8 29	20 40.37	−18 28.0	1.973	2.902	9.5	20.1
9 8	20 34.75	−18 57.2	2.047	2.898	12.7	20.3
361037 2005 WY_{160}			8 4.9 135°.54	3°.2/ 7.8 18		
6 30	21 23.24	− 4 20.7	2.923	3.718	11.0	21.2
7 10	21 18.26	− 4 9.2	2.847	3.730	8.8	21.0
7 20	21 11.98	− 4 8.1	2.793	3.742	6.4	20.9
7 30	21 4.81	− 4 16.8	2.766	3.753	4.2	20.8
8 9	20 57.32	− 4 33.9	2.767	3.764	3.3	20.7
8 19	20 50.08	− 4 57.3	2.797	3.774	4.6	20.8
8 29	20 43.67	− 5 24.4	2.855	3.784	6.9	21.0
9 8	20 38.55	− 5 52.7	2.939	3.794	9.2	21.1
81325 2000 GM_{22}			8 4.9 272°.16	0°.4/ 5.1 18		
6 30	21 25.49	−13 32.8	1.659	2.516	15.4	19.6
7 10	21 21.28	−13 58.2	1.569	2.499	11.9	19.3
7 20	21 14.60	−14 36.6	1.499	2.482	7.7	19.0
7 30	21 5.99	−15 24.5	1.454	2.464	3.1	18.7
8 9	20 56.42	−16 16.7	1.434	2.446	2.0	18.6
8 19	20 47.04	−17 7.4	1.441	2.428	6.9	18.8
8 29	20 39.06	−17 51.4	1.473	2.410	11.5	19.1
9 8	20 33.43	−18 25.2	1.526	2.392	15.5	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
105800 2000 SG_{127}			8 4.9 252°.59	2°.4/ 6.4 18		
	h m	° ′			°	m
6 30	21 25.67	− 8 14.5	1.654	2.495	16.2	20.2
7 10	21 21.40	− 8 38.9	1.562	2.480	12.8	19.9
7 20	21 14.67	− 9 21.4	1.491	2.464	8.7	19.6
7 30	21 6.03	−10 19.7	1.443	2.448	4.4	19.3
8 9	20 56.40	−11 29.0	1.421	2.431	2.7	19.2
8 19	20 46.92	−12 43.0	1.426	2.414	6.8	19.4
8 29	20 38.80	−13 54.9	1.456	2.396	11.3	19.6
9 8	20 33.00	−14 58.8	1.508	2.378	15.4	19.8
446239 2013 GV_{127}			8 4.9 202°.69	3°.3/ 8.1 18		
6 30	21 20.95	− 3 16.1	2.717	3.515	11.7	22.0
7 10	21 16.77	− 3 29.2	2.626	3.512	9.4	21.8
7 20	21 11.16	− 3 55.3	2.558	3.509	6.9	21.7
7 30	21 4.55	− 4 33.5	2.516	3.505	4.4	21.5
8 9	20 57.51	− 5 21.5	2.502	3.501	3.3	21.4
8 19	20 50.63	− 6 16.3	2.516	3.497	4.8	21.5
8 29	20 44.56	− 7 14.0	2.558	3.493	7.4	21.7
9 8	20 39.82	− 8 10.9	2.626	3.488	9.9	21.9
305436 2008 CJ_{175}			8 4.9 239°.13	2°.8/ 2.4 18		
6 30	21 23.95	−22 10.9	2.182	3.045	12.0	20.8
7 10	21 19.53	−23 11.8	2.103	3.038	9.1	20.6
7 20	21 13.16	−24 17.5	2.048	3.032	5.8	20.4
7 30	21 5.36	−25 22.6	2.019	3.025	3.1	20.2
8 9	20 56.93	−26 21.6	2.018	3.019	3.8	20.3
8 19	20 48.74	−27 9.7	2.045	3.012	6.9	20.5
8 29	20 41.70	−27 43.9	2.097	3.005	10.1	20.6
9 8	20 36.52	−28 3.5	2.172	2.998	13.0	20.8
230311 2002 BF_{1}			8 4.9 232°.08	0°.9/ 4.3 18		
6 30	21 28.01	−17 59.2	2.175	3.023	12.6	21.5
7 10	21 22.59	−18 21.8	2.083	3.010	9.6	21.3
7 20	21 15.12	−18 50.6	2.013	2.996	6.1	21.1
7 30	21 6.12	−19 22.0	1.971	2.981	2.3	20.8
8 9	20 56.40	−19 51.9	1.956	2.966	2.1	20.8
8 19	20 46.90	−20 16.6	1.970	2.950	6.0	21.0
8 29	20 38.56	−20 33.4	2.010	2.933	9.7	21.2
9 8	20 32.15	−20 41.2	2.074	2.916	12.9	21.4
10595 1996 SS_{6}			8 4.9 353°.65	1°.6/ 3.8 18		
6 30	21 23.68	−19 11.9	1.885	2.751	13.5	17.6
7 10	21 19.48	−19 46.4	1.813	2.749	10.2	17.3
7 20	21 13.17	−20 27.3	1.762	2.748	6.4	17.1
7 30	21 5.37	−21 10.1	1.737	2.747	2.6	16.9
8 9	20 56.96	−21 49.6	1.738	2.747	2.8	16.9
8 19	20 48.91	−22 21.5	1.766	2.746	6.6	17.1
8 29	20 42.20	−22 42.9	1.820	2.746	10.3	17.4
9 8	20 37.55	−22 52.6	1.896	2.746	13.6	17.6
266158 2006 UA_{93}			8 4.9 311°.45	0°.3/ 5.0 18		
6 30	21 23.19	−14 10.9	1.299	2.176	17.6	20.6
7 10	21 20.15	−14 31.1	1.215	2.156	13.6	20.3
7 20	21 14.20	−15 6.2	1.150	2.137	8.9	20.0
7 30	21 5.95	−15 52.7	1.107	2.118	3.5	19.6
8 9	20 56.52	−16 44.3	1.088	2.100	2.3	19.5
8 19	20 47.31	−17 33.9	1.092	2.082	8.0	19.7
8 29	20 39.83	−18 15.3	1.119	2.064	13.4	20.0
9 8	20 35.21	−18 44.3	1.165	2.048	18.1	20.2
521598 2015 PN_{317}			8 4.9 174°.81	0°.4/ 5.2 18		
6 30	21 24.39	−14 43.6	2.409	3.251	11.7	22.1
7 10	21 19.51	−14 52.4	2.330	3.252	8.9	21.9
7 20	21 12.96	−15 7.9	2.273	3.253	5.7	21.7
7 30	21 5.26	−15 27.7	2.244	3.253	2.3	21.5
8 9	20 57.10	−15 49.1	2.242	3.254	1.4	21.4
8 19	20 49.22	−16 9.3	2.269	3.254	4.9	21.7
8 29	20 42.38	−16 25.8	2.323	3.254	8.2	21.9
9 8	20 37.17	−16 37.1	2.402	3.254	11.0	22.1
164045 2003 UC_{283}			8 4.9 311°.83	0°.5/ 5.3 18		
6 30	21 22.82	−12 34.0	1.796	2.650	14.5	19.7
7 10	21 18.93	−13 10.5	1.718	2.646	11.1	19.5
7 20	21 12.90	−13 59.9	1.661	2.643	7.2	19.2
7 30	21 5.31	−14 58.6	1.630	2.639	2.9	19.0
8 9	20 57.04	−16 1.2	1.624	2.636	1.8	18.9
8 19	20 49.06	−17 1.9	1.646	2.633	6.2	19.2
8 29	20 42.39	−17 55.8	1.693	2.630	10.2	19.4
9 8	20 37.79	−18 39.3	1.762	2.627	13.8	19.6
506537 2004 TX_{274}			8 4.9 275°.02	10°.0/28.3 18		
6 30	21 32.51	−40 46.2	1.821	2.675	14.4	21.5
7 10	21 27.06	−42 12.9	1.751	2.659	12.2	21.4
7 20	21 18.48	−43 30.6	1.703	2.642	10.5	21.2
7 30	21 7.53	−44 29.2	1.678	2.625	10.0	21.2
8 9	20 55.49	−45 0.4	1.677	2.608	11.0	21.2
8 19	20 43.92	−45 0.2	1.699	2.591	13.1	21.3
8 29	20 34.36	−44 29.5	1.742	2.573	15.6	21.4
9 8	20 27.86	−43 33.2	1.804	2.556	18.0	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
155215 2005 VU_2		8 4.9 280.°47 2.°2/ 3.5 18				
	h m	° ′			°	m
6 30	21 26.02	−19 27.0	1.636	2.505	15.0	20.6
7 10	21 21.83	−20 10.8	1.548	2.487	11.4	20.3
7 20	21 15.03	−21 3.5	1.481	2.468	7.3	20.0
7 30	21 6.22	−21 59.6	1.439	2.449	3.1	19.7
8 9	20 56.39	−22 52.2	1.423	2.431	3.5	19.7
8 19	20 46.77	−23 35.1	1.433	2.412	7.9	20.0
8 29	20 38.65	−24 4.2	1.467	2.393	12.4	20.2
9 8	20 33.01	−24 18.0	1.522	2.374	16.3	20.4
263390 2008 CP_{215}		8 4.9 255.°56 0.°4/ 4.6 17				
6 30	21 27.43	−16 13.5	1.610	2.472	15.5	21.7
7 10	21 22.78	−16 35.9	1.528	2.461	11.9	21.4
7 20	21 15.56	−17 8.3	1.466	2.450	7.6	21.1
7 30	21 6.38	−17 46.7	1.428	2.439	2.8	20.8
8 9	20 56.30	−18 25.5	1.417	2.428	2.2	20.7
8 19	20 46.53	−18 59.5	1.431	2.416	7.2	21.0
8 29	20 38.31	−19 24.8	1.470	2.405	11.7	21.3
9 8	20 32.58	−19 39.2	1.531	2.393	15.7	21.5
472054 2013 YA_{55}		8 4.9 184.°70 1.°9/ 3.3 18				
6 30	21 25.40	−18 33.1	2.118	2.973	12.6	21.6
7 10	21 20.63	−19 38.9	2.041	2.973	9.5	21.4
7 20	21 13.87	−20 52.5	1.989	2.973	6.0	21.2
7 30	21 5.67	−22 8.6	1.963	2.972	2.6	21.0
8 9	20 56.83	−23 20.9	1.965	2.971	3.0	21.0
8 19	20 48.25	−24 24.1	1.995	2.969	6.5	21.3
8 29	20 40.87	−25 14.5	2.052	2.967	9.9	21.5
9 8	20 35.39	−25 50.5	2.133	2.965	13.0	21.7
238208 2003 UB_{43}		8 4.9 84.°85 2.°7/ 6.5 18				
6 30	21 26.57	− 9 45.7	1.841	2.678	14.9	20.5
7 10	21 21.53	− 9 29.4	1.771	2.686	11.7	20.3
7 20	21 14.41	− 9 24.7	1.722	2.693	8.0	20.1
7 30	21 5.84	− 9 30.3	1.698	2.701	4.2	19.9
8 9	20 56.74	− 9 43.7	1.700	2.708	2.9	19.8
8 19	20 48.08	−10 1.8	1.730	2.716	6.0	20.0
8 29	20 40.80	−10 21.3	1.785	2.723	9.7	20.3
9 8	20 35.60	−10 39.1	1.863	2.731	13.0	20.5
215833 2005 CZ_5		8 4.9 146.°23 1.°0/ 5.6 17				
6 30	21 26.93	−11 16.7	1.630	2.479	16.0	20.7
7 10	21 22.15	−11 51.8	1.560	2.485	12.3	20.5
7 20	21 14.99	−12 41.6	1.512	2.491	8.0	20.2
7 30	21 6.11	−13 42.2	1.487	2.496	3.4	20.0
8 9	20 56.54	−14 47.7	1.490	2.501	2.0	19.9
8 19	20 47.40	−15 51.7	1.518	2.506	6.5	20.2
8 29	20 39.80	−16 48.5	1.573	2.510	10.9	20.5
9 8	20 34.56	−17 34.7	1.650	2.514	14.6	20.7
512987 2017 UD_{34}		8 4.9 241.°88 3.°2/ 2.9 17				
6 30	21 29.53	−22 25.0	1.752	2.616	14.4	22.4
7 10	21 24.34	−23 12.2	1.667	2.602	11.0	22.2
7 20	21 16.54	−24 4.9	1.604	2.588	7.1	21.9
7 30	21 6.77	−24 56.8	1.566	2.573	3.7	21.7
8 9	20 56.04	−25 41.2	1.555	2.558	4.3	21.7
8 19	20 45.58	−26 12.6	1.571	2.542	8.2	21.9
8 29	20 36.66	−26 28.3	1.611	2.526	12.2	22.1
9 8	20 30.21	−26 28.0	1.673	2.508	15.8	22.3
37687 Chunghikoh		8 4.9 153.°95 0.°7/ 4.5 18				
6 30	21 31.12	−19 26.1	1.843	2.696	14.2	18.5
7 10	21 25.06	−19 16.6	1.769	2.698	10.8	18.3
7 20	21 16.68	−19 10.5	1.717	2.700	6.9	18.0
7 30	21 6.71	−19 4.9	1.691	2.702	2.6	17.8
8 9	20 56.15	−18 56.6	1.693	2.703	2.1	17.7
8 19	20 46.12	−18 43.5	1.722	2.705	6.4	18.0
8 29	20 37.65	−18 24.6	1.777	2.706	10.4	18.3
9 8	20 31.49	−17 59.9	1.855	2.707	13.8	18.5
311332 2005 OY		8 4.9 355.°09 6.°2/ 1.9 18				
6 30	21 26.48	−30 35.1	1.451	2.335	15.7	19.4
7 10	21 22.34	−31 5.8	1.389	2.330	12.3	19.2
7 20	21 15.33	−31 32.4	1.346	2.325	8.8	19.0
7 30	21 6.27	−31 47.4	1.326	2.322	6.4	18.8
8 9	20 56.47	−31 44.5	1.330	2.320	7.1	18.9
8 19	20 47.35	−31 21.0	1.357	2.319	10.2	19.0
8 29	20 40.25	−30 37.7	1.408	2.319	13.8	19.3
9 8	20 36.00	−29 38.2	1.477	2.320	17.2	19.5
242545 2005 DA_1		8 4.9 158.°91 9.°0/26.6 18				
6 30	21 33.86	−45 12.3	2.518	3.343	11.8	21.5
7 10	21 27.30	−46 50.6	2.473	3.351	10.2	21.4
7 20	21 18.23	−48 17.5	2.452	3.358	9.2	21.4
7 30	21 7.33	−49 25.2	2.456	3.364	9.1	21.4
8 9	20 55.70	−50 8.3	2.485	3.370	9.8	21.5
8 19	20 44.53	−50 24.8	2.538	3.375	11.2	21.6
8 29	20 35.00	−50 15.8	2.612	3.379	12.7	21.7
9 8	20 27.95	−49 45.1	2.706	3.383	14.2	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
388730 2007 VF_{237}		8 4.9 11.°11 2.°8/ 6.8 18				
	h m	° ′			°	m
6 30	21 23.67	− 8 8.5	1.898	2.734	14.6	21.2
7 10	21 19.38	− 8 6.4	1.821	2.734	11.5	21.0
7 20	21 13.09	− 8 17.7	1.765	2.734	8.0	20.8
7 30	21 5.38	− 8 41.0	1.733	2.734	4.4	20.6
8 9	20 57.07	− 9 13.5	1.728	2.735	3.0	20.5
8 19	20 49.09	− 9 51.2	1.749	2.736	5.9	20.7
8 29	20 42.36	−10 30.0	1.796	2.736	9.5	20.9
9 8	20 37.57	−11 5.8	1.866	2.737	12.9	21.1
107094 2001 AL_{29}		8 4.9 215.°83 1.°7/ 3.8 18				
6 30	21 29.18	−18 52.5	1.811	2.668	14.3	20.9
7 10	21 23.87	−19 32.0	1.729	2.661	10.9	20.7
7 20	21 16.13	−20 19.2	1.669	2.653	6.9	20.4
7 30	21 6.59	−21 8.8	1.634	2.645	2.8	20.2
8 9	20 56.22	−21 55.0	1.627	2.635	2.9	20.2
8 19	20 46.16	−22 32.6	1.647	2.626	7.1	20.4
8 29	20 37.56	−22 58.3	1.693	2.615	11.2	20.6
9 8	20 31.28	−23 10.9	1.761	2.604	14.8	20.8
152685 1998 MZ		8 4.9 97.°65 0.°0/ 4.7 17				
6 30	22 14.73	−10 52.8	0.776	1.606	30.5	21.0
7 10	21 58.68	−12 22.2	0.756	1.671	22.8	20.8
7 20	21 37.78	−14 11.5	0.754	1.731	14.1	20.6
7 30	21 14.28	−16 4.0	0.776	1.786	5.1	20.3
8 9	20 51.42	−17 42.3	0.825	1.836	3.4	20.4
8 19	20 32.06	−18 56.4	0.900	1.882	10.9	21.0
8 29	20 17.94	−19 45.2	1.000	1.924	16.9	21.5
9 8	20 9.40	−20 12.4	1.118	1.961	21.4	21.9
473896 2016 EY_{146}		8 4.9 61.°42 2.°2/ 3.7 17				
6 30	21 27.94	−18 48.6	1.258	2.138	17.8	20.8
7 10	21 23.45	−19 32.9	1.207	2.151	13.4	20.5
7 20	21 16.01	−20 26.5	1.175	2.163	8.4	20.3
7 30	21 6.53	−21 22.1	1.166	2.176	3.4	20.1
8 9	20 56.35	−22 11.7	1.181	2.189	3.6	20.1
8 19	20 46.96	−22 49.1	1.220	2.203	8.5	20.4
8 29	20 39.67	−23 10.8	1.283	2.216	13.1	20.7
9 8	20 35.34	−23 16.7	1.365	2.229	17.0	21.0
152292 2005 TH_{28}		8 4.9 263.°33 4.°4/ 1.4 18				
6 30	21 25.69	−28 27.3	2.274	3.136	11.6	20.1
7 10	21 20.85	−29 16.5	2.196	3.127	8.9	19.9
7 20	21 14.02	−30 5.1	2.142	3.118	6.3	19.7
7 30	21 5.74	−30 47.8	2.114	3.109	4.5	19.6
8 9	20 56.85	−31 19.5	2.113	3.100	5.2	19.6
8 19	20 48.26	−31 36.9	2.139	3.090	7.7	19.8
8 29	20 40.89	−31 38.5	2.190	3.081	10.5	19.9
9 8	20 35.45	−31 25.3	2.264	3.072	13.1	20.1
34211 2000 QE_{68}		8 4.9 263.°32 0.°5/ 5.3 18				
6 30	21 21.85	−12 7.4	2.238	3.081	12.4	18.6
7 10	21 17.87	−12 49.5	2.149	3.071	9.6	18.4
7 20	21 12.10	−13 43.0	2.082	3.061	6.2	18.2
7 30	21 5.03	−14 44.9	2.041	3.050	2.5	17.9
8 9	20 57.34	−15 50.6	2.028	3.040	1.5	17.8
8 19	20 49.82	−16 55.4	2.043	3.029	5.3	18.1
8 29	20 43.30	−17 54.7	2.086	3.018	8.8	18.3
9 8	20 38.44	−18 45.1	2.152	3.008	12.0	18.5
163093 2002 AT_{100}		8 4.9 147.°17 1.°6/ 4.0 17				
6 30	21 29.91	−18 59.4	1.459	2.328	16.5	20.0
7 10	21 24.74	−19 26.2	1.393	2.331	12.5	19.8
7 20	21 16.79	−20 0.5	1.347	2.334	7.9	19.5
7 30	21 6.84	−20 37.0	1.326	2.337	3.1	19.3
8 9	20 56.12	−21 9.2	1.330	2.339	3.1	19.3
8 19	20 45.98	−21 32.2	1.359	2.342	7.8	19.6
8 29	20 37.72	−21 43.3	1.413	2.344	12.4	19.8
9 8	20 32.23	−21 41.8	1.487	2.346	16.2	20.1
506803 2007 HE_{34}		8 4.9 56.°02 11.°3/28.6 17				
6 30	21 33.83	−42 52.9	1.607	2.463	15.9	21.2
7 10	21 28.15	−44 24.9	1.565	2.470	13.6	21.0
7 20	21 19.11	−45 42.6	1.544	2.476	11.9	20.9
7 30	21 7.72	−46 35.3	1.544	2.483	11.3	20.9
8 9	20 55.56	−46 55.3	1.568	2.490	12.2	21.0
8 19	20 44.36	−46 41.0	1.613	2.497	14.1	21.1
8 29	20 35.63	−45 55.3	1.678	2.504	16.3	21.3
9 8	20 30.26	−44 45.1	1.760	2.511	18.4	21.5
428153 2006 SM_{236}		8 4.9 292.°24 1.°3/ 5.6 17				
6 30	21 24.50	−11 49.3	1.432	2.295	17.1	21.9
7 10	21 20.87	−12 7.8	1.347	2.279	13.3	21.6
7 20	21 14.54	−12 42.4	1.281	2.263	8.8	21.3
7 30	21 6.09	−13 30.0	1.239	2.248	3.8	21.0
8 9	20 56.58	−14 25.2	1.220	2.232	2.2	20.8
8 19	20 47.29	−15 21.5	1.227	2.216	7.4	21.1
8 29	20 39.59	−16 12.5	1.257	2.201	12.4	21.3
9 8	20 34.52	−16 53.6	1.308	2.186	16.8	21.6

20277 1998 FL_{44} 8 4.9 23°.34 8°.8/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 33.02	−36 9.2	1.352	2.228	17.1	17.0
7 10	21 27.46	−36 49.1	1.304	2.235	13.8	16.8
7 20	21 18.57	−37 18.1	1.276	2.243	10.7	16.7
7 30	21 7.47	−37 27.1	1.270	2.251	8.9	16.6
8 9	20 55.78	−37 9.6	1.288	2.261	9.6	16.6
8 19	20 45.22	−36 24.7	1.328	2.271	12.2	16.8
8 29	20 37.20	−35 16.0	1.390	2.282	15.3	17.0
9 8	20 32.52	−33 50.1	1.471	2.293	18.2	17.3

343768 2011 FD_{142} 8 4.9 13°.56 6°.5/ 9.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 17.95	+ 0 14.7	1.253	2.094	20.3	19.7
7 10	21 15.84	+ 0 9.0	1.192	2.098	16.7	19.5
7 20	21 11.21	− 0 26.2	1.147	2.104	12.7	19.3
7 30	21 4.76	− 1 30.4	1.123	2.111	8.7	19.1
8 9	20 57.59	− 2 58.9	1.120	2.119	6.5	19.0
8 19	20 50.90	− 4 43.0	1.141	2.128	8.2	19.1
8 29	20 45.88	− 6 32.0	1.185	2.139	12.0	19.3
9 8	20 43.35	− 8 15.6	1.250	2.151	15.8	19.6

47366 1999 XO_{86} 8 4.9 272°.67 1°.1/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.33	−12 27.5	1.638	2.491	15.7	19.4
7 10	21 22.03	−12 43.1	1.544	2.471	12.3	19.1
7 20	21 15.18	−13 12.1	1.470	2.450	8.1	18.9
7 30	21 6.34	−13 51.8	1.420	2.429	3.5	18.5
8 9	20 56.46	−14 37.6	1.397	2.408	2.1	18.4
8 19	20 46.71	−15 24.1	1.399	2.387	6.9	18.6
8 29	20 38.35	−16 6.0	1.426	2.365	11.6	18.9
9 8	20 32.40	−16 39.5	1.475	2.343	15.8	19.1

70320 1999 RY_{147} 8 4.9 286°.05 0°.9/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 30.64	−19 9.7	1.476	2.343	16.4	17.9
7 10	21 25.63	−19 5.2	1.385	2.322	12.7	17.6
7 20	21 17.64	−19 6.2	1.315	2.300	8.2	17.3
7 30	21 7.30	−19 8.7	1.268	2.279	3.1	16.9
8 9	20 55.79	−19 8.3	1.246	2.257	2.6	16.8
8 19	20 44.54	−19 1.2	1.250	2.235	7.9	17.1
8 29	20 35.03	−18 45.5	1.278	2.213	13.0	17.3
9 8	20 28.39	−18 20.9	1.326	2.192	17.4	17.5

21575 Padmanabhan 8 4.9 76°.63 2°.1/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.21	−19 36.3	1.805	2.671	13.9	17.6
7 10	21 20.67	−20 27.9	1.745	2.682	10.5	17.4
7 20	21 13.96	−21 25.9	1.706	2.692	6.6	17.2
7 30	21 5.74	−22 24.8	1.693	2.703	2.9	17.0
8 9	20 56.97	−23 18.3	1.707	2.714	3.2	17.1
8 19	20 48.66	−24 1.7	1.747	2.724	7.0	17.3
8 29	20 41.82	−24 31.8	1.813	2.735	10.6	17.5
9 8	20 37.14	−24 47.9	1.901	2.745	13.8	17.8

99599 2002 GX_{41} 8 4.9 195°.90 0°.1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.92	−14 55.0	1.453	2.317	16.8	20.3
7 10	21 23.26	−15 11.8	1.383	2.317	12.9	20.1
7 20	21 15.89	−15 40.2	1.332	2.316	8.3	19.8
7 30	21 6.55	−16 16.0	1.305	2.316	3.2	19.5
8 9	20 56.39	−16 53.7	1.304	2.315	2.1	19.4
8 19	20 46.71	−17 27.9	1.327	2.315	7.3	19.8
8 29	20 38.79	−17 54.4	1.375	2.314	12.0	20.0
9 8	20 33.54	−18 10.7	1.444	2.313	16.0	20.3

358777 2008 DG_{56} 8 4.9 7°.00 7°.5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 18.19	+ 7 33.1	1.762	2.538	17.9	19.6
7 10	21 15.42	+ 7 10.8	1.684	2.539	15.3	19.4
7 20	21 10.69	+ 6 19.5	1.623	2.540	12.4	19.2
7 30	21 4.54	+ 4 58.6	1.584	2.543	9.5	19.1
8 9	20 57.79	+ 3 11.2	1.568	2.546	7.7	19.0
8 19	20 51.32	+ 1 4.3	1.578	2.550	8.1	19.0
8 29	20 46.06	− 1 12.9	1.614	2.555	10.4	19.1
9 8	20 42.72	− 3 30.1	1.675	2.560	13.4	19.3

86213 1999 TY_{24} 8 4.9 294°.02 4°.5/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 20.67	− 1 46.0	2.196	3.001	13.9	19.3
7 10	21 16.98	− 1 47.5	2.103	2.990	11.4	19.1
7 20	21 11.55	− 2 5.5	2.031	2.979	8.5	18.9
7 30	21 4.85	− 2 39.8	1.983	2.968	5.8	18.7
8 9	20 57.56	− 3 28.2	1.962	2.958	4.5	18.6
8 19	20 50.43	− 4 27.2	1.967	2.947	6.0	18.7
8 29	20 44.27	− 5 31.9	1.999	2.937	8.9	18.8
9 8	20 39.73	− 6 37.2	2.055	2.926	11.8	19.0

7980 Senkevich 8 4.9 317°.85 0°.8/ 4.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 24.31	−17 24.2	1.818	2.680	14.0	17.8
7 10	21 20.10	−17 45.7	1.739	2.674	10.6	17.6
7 20	21 13.69	−18 15.0	1.682	2.667	6.7	17.4
7 30	21 5.69	−18 48.0	1.650	2.661	2.5	17.1
8 9	20 57.00	−19 20.2	1.644	2.655	2.2	17.1
8 19	20 48.65	−19 47.4	1.665	2.649	6.5	17.3
8 29	20 41.65	−20 6.3	1.711	2.643	10.5	17.5
9 8	20 36.78	−20 15.4	1.779	2.638	14.0	17.8

3251 Eratosthenes 8 4.9 308°.01 0°.0/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 22.26	−15 5.1	2.067	2.921	12.9	17.5
7 10	21 18.35	−15 24.8	1.977	2.907	9.9	17.2
7 20	21 12.50	−15 53.2	1.910	2.892	6.3	17.0
7 30	21 5.24	−16 27.3	1.868	2.878	2.4	16.7
8 9	20 57.31	−17 3.3	1.853	2.865	1.7	16.6
8 19	20 49.59	−17 37.3	1.865	2.851	5.7	16.9
8 29	20 42.97	−18 5.8	1.903	2.838	9.5	17.1
9 8	20 38.19	−18 26.5	1.965	2.825	12.8	17.3

506748 2006 VN_{79} 8 4.9 231°.06 2°.4/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 27.45	−19 56.9	1.748	2.612	14.4	22.2
7 10	21 22.69	−20 48.6	1.668	2.604	10.9	22.0
7 20	21 15.47	−21 48.0	1.611	2.596	7.0	21.7
7 30	21 6.41	−22 49.3	1.578	2.587	3.1	21.5
8 9	20 56.50	−23 45.6	1.572	2.578	3.6	21.5
8 19	20 46.90	−24 31.3	1.593	2.569	7.6	21.7
8 29	20 38.77	−25 2.5	1.639	2.559	11.7	21.9
9 8	20 33.00	−25 18.4	1.707	2.549	15.2	22.1

315982 2009 CZ_{58} 8 4.9 65°.18 3°.3/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 25.10	− 6 33.0	1.320	2.171	18.9	21.0
7 10	21 21.13	− 6 53.1	1.261	2.183	14.9	20.7
7 20	21 14.51	− 7 34.9	1.221	2.194	10.3	20.5
7 30	21 6.02	− 8 35.4	1.203	2.206	5.5	20.3
8 9	20 56.82	− 9 48.4	1.209	2.218	3.5	20.2
8 19	20 48.22	−11 6.1	1.240	2.230	7.2	20.4
8 29	20 41.42	−12 20.5	1.295	2.242	11.8	20.7
9 8	20 37.27	−13 25.5	1.371	2.254	15.8	21.0

364491 2007 DQ_{117} 8 4.9 321°.01 4°.3/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.76	−28 47.5	2.131	2.994	12.2	20.3
7 10	21 21.73	−29 17.9	2.056	2.988	9.4	20.1
7 20	21 14.61	−29 46.3	2.004	2.982	6.5	19.9
7 30	21 6.01	−30 7.8	1.978	2.976	4.5	19.7
8 9	20 56.83	−30 17.8	1.979	2.970	5.1	19.8
8 19	20 48.06	−30 13.7	2.007	2.964	7.7	19.9
8 29	20 40.65	−29 55.0	2.059	2.959	10.7	20.1
9 8	20 35.30	−29 23.0	2.134	2.954	13.4	20.3

4436 Ortizmoreno 8 4.9 187°.10 4°.5/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.70	−29 5.4	2.577	3.437	10.4	16.7
7 10	21 19.17	−30 20.5	2.508	3.437	8.1	16.5
7 20	21 12.89	−31 35.3	2.464	3.436	5.8	16.4
7 30	21 5.35	−32 44.1	2.447	3.436	4.5	16.3
8 9	20 57.27	−33 41.8	2.458	3.435	5.3	16.4
8 19	20 49.43	−34 24.8	2.496	3.434	7.4	16.5
8 29	20 42.63	−34 51.2	2.560	3.433	9.8	16.7
9 8	20 37.51	−35 1.6	2.647	3.432	12.0	16.8

70600 1999 TC_{187} 8 4.9 232°.72 3°.5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.62	− 6 50.6	2.135	2.952	13.8	19.8
7 10	21 21.51	− 6 28.9	2.043	2.943	11.1	19.6
7 20	21 14.46	− 6 18.8	1.973	2.933	7.9	19.4
7 30	21 5.98	− 6 20.0	1.928	2.923	4.8	19.2
8 9	20 56.84	− 6 31.2	1.910	2.913	3.6	19.1
8 19	20 47.92	− 6 49.8	1.920	2.902	5.9	19.2
8 29	20 40.10	− 7 12.7	1.957	2.891	9.2	19.4
9 8	20 34.10	− 7 36.5	2.018	2.880	12.4	19.6

103199 1999 XE_{249} 8 4.9 293°.12 4°.4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 23.26	− 4 49.3	1.796	2.623	15.7	19.4
7 10	21 19.45	− 4 37.0	1.697	2.601	12.7	19.2
7 20	21 13.42	− 4 41.0	1.619	2.579	9.3	18.9
7 30	21 5.66	− 5 1.7	1.563	2.557	5.9	18.7
8 9	20 57.02	− 5 37.1	1.533	2.535	4.5	18.5
8 19	20 48.46	− 6 23.6	1.528	2.513	6.9	18.6
8 29	20 41.08	− 7 16.2	1.549	2.491	10.7	18.8
9 8	20 35.75	− 8 9.2	1.592	2.469	14.4	19.0

235348 2003 UQ_{266} 8 4.9 33°.15 4°.8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 26.75	−26 53.3	1.707	2.581	14.2	19.9
7 10	21 22.14	−27 49.1	1.645	2.584	10.9	19.7
7 20	21 15.05	−28 45.5	1.606	2.587	7.4	19.5
7 30	21 6.21	−29 35.2	1.591	2.591	5.0	19.4
8 9	20 56.72	−30 11.9	1.602	2.594	5.8	19.5
8 19	20 47.75	−30 31.2	1.638	2.598	8.9	19.6
8 29	20 40.45	−30 31.9	1.698	2.602	12.3	19.9
9 8	20 35.60	−30 15.5	1.779	2.607	15.3	20.1

166088 2002 CF_{125} 8 4.9 189°.02 0°.8/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 28.57	−13 32.6	1.526	2.382	16.5	20.0
7 10	21 23.65	−13 45.6	1.453	2.382	12.7	19.7
7 20	21 16.11	−14 10.8	1.400	2.382	8.3	19.5
7 30	21 6.66	−14 44.8	1.371	2.381	3.4	19.2
8 9	20 56.40	−15 22.4	1.368	2.380	2.0	19.1
8 19	20 46.58	−15 58.4	1.391	2.378	7.0	19.4
8 29	20 38.45	−16 28.5	1.438	2.377	11.6	19.7
9 8	20 32.89	−16 49.8	1.507	2.375	15.6	19.9

18992 Katharvard 8 4.9 262°.04 2°.3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 24.76	−10 9.7	2.163	2.995	13.2	18.4
7 10	21 20.00	− 9 57.0	2.081	2.994	10.3	18.2
7 20	21 13.42	− 9 54.0	2.022	2.993	7.0	18.0
7 30	21 5.56	− 9 59.6	1.989	2.992	3.7	17.8
8 9	20 57.17	−10 11.7	1.982	2.991	2.5	17.7
8 19	20 49.08	−10 27.6	2.004	2.990	5.4	17.9
8 29	20 42.10	−10 44.5	2.052	2.988	8.7	18.1
9 8	20 36.89	−10 59.9	2.124	2.987	11.8	18.3

28401 1999 RT_{165} 8 4.9 237°.11 0°.3/ 4.7 18

6 30	21 23.73	−16 22.3	2.363	3.211	11.7	18.8
7 10	21 19.15	−16 41.8	2.280	3.206	8.9	18.6
7 20	21 12.86	−17 7.7	2.219	3.201	5.6	18.4
7 30	21 5.35	−17 37.2	2.185	3.196	2.1	18.2
8 9	20 57.32	−18 6.9	2.179	3.190	1.6	18.1
8 19	20 49.53	−18 33.4	2.201	3.185	5.2	18.4
8 29	20 42.77	−18 54.3	2.251	3.179	8.5	18.6
9 8	20 37.66	−19 8.0	2.324	3.173	11.4	18.7

374882 2006 WX_7 8 4.9 330°.72 3°.0/ 3.4 17

6 30	21 19.70	−19 40.1	1.060	1.964	18.6	20.3
7 10	21 18.13	−20 21.8	0.984	1.941	14.3	20.0
7 20	21 13.29	−21 16.3	0.925	1.919	9.2	19.7
7 30	21 5.80	−22 16.6	0.887	1.898	4.0	19.3
8 9	20 56.93	−23 13.0	0.870	1.879	4.6	19.3
8 19	20 48.37	−23 56.4	0.875	1.861	10.2	19.5
8 29	20 41.87	−24 20.5	0.899	1.845	15.8	19.8
9 8	20 38.74	−24 23.5	0.940	1.830	20.8	20.0

446722 2015 OM_{66} 8 4.9 0°.70 2°.2/ 6.3 18

6 30	21 24.73	−10 54.2	2.004	2.843	13.8	20.5
7 10	21 20.11	−10 36.4	1.926	2.843	10.8	20.3
7 20	21 13.55	−10 28.3	1.869	2.842	7.3	20.1
7 30	21 5.62	−10 28.7	1.838	2.842	3.7	19.8
8 9	20 57.16	−10 35.4	1.834	2.842	2.5	19.8
8 19	20 49.03	−10 46.0	1.856	2.843	5.6	20.0
8 29	20 42.11	−10 57.7	1.905	2.844	9.2	20.2
9 8	20 37.09	−11 7.8	1.977	2.845	12.4	20.4

12487 1997 GJ_8 8 4.9 215°.21 4°.4/ 8.7 18

6 30	21 22.02	− 1 23.9	2.527	3.318	12.7	18.6
7 10	21 17.73	− 1 14.1	2.437	3.315	10.4	18.4
7 20	21 11.90	− 1 18.2	2.370	3.311	7.9	18.2
7 30	21 4.99	− 1 36.1	2.327	3.306	5.5	18.1
8 9	20 57.59	− 2 6.4	2.311	3.302	4.4	18.0
8 19	20 50.38	− 2 46.5	2.323	3.298	5.6	18.1
8 29	20 44.04	− 3 32.7	2.361	3.293	8.0	18.2
9 8	20 39.14	− 4 21.1	2.425	3.288	10.6	18.4

244415 2002 PH_{191} 8 4.9 83°.59 1°.2/ 3.9 17

6 30	21 24.18	−16 16.9	1.835	2.695	14.0	20.6
7 10	21 19.89	−17 17.0	1.771	2.705	10.5	20.4
7 20	21 13.50	−18 26.9	1.729	2.715	6.6	20.2
7 30	21 5.63	−19 41.2	1.713	2.724	2.5	19.9
8 9	20 57.19	−20 53.2	1.724	2.734	2.5	19.9
8 19	20 49.15	−21 57.2	1.763	2.743	6.5	20.2
8 29	20 42.47	−22 49.0	1.827	2.753	10.3	20.5
9 8	20 37.87	−23 26.5	1.913	2.762	13.5	20.7

118833 2000 SL_{180} 8 4.9 19°.59 5°.1/ 8.5 18

6 30	21 22.89	− 2 13.0	2.043	2.850	14.7	19.2
7 10	21 18.68	− 1 47.3	1.965	2.852	12.0	19.1
7 20	21 12.65	− 1 37.0	1.907	2.854	9.1	18.9
7 30	21 5.31	− 1 42.7	1.873	2.856	6.3	18.7
8 9	20 57.44	− 2 2.9	1.865	2.858	5.1	18.7
8 19	20 49.85	− 2 34.9	1.883	2.860	6.6	18.8
8 29	20 43.39	− 3 14.4	1.927	2.862	9.3	18.9
9 8	20 38.71	− 3 57.0	1.995	2.865	12.2	19.1

479677 2014 DK_{83} 8 4.9 168°.20 0°.2/ 4.8 17

6 30	21 27.62	−16 54.1	2.070	2.918	13.1	21.6
7 10	21 22.26	−17 1.5	1.994	2.920	9.9	21.4
7 20	21 14.91	−17 14.9	1.940	2.922	6.3	21.2
7 30	21 6.16	−17 31.4	1.913	2.924	2.4	20.9
8 9	20 56.87	−17 47.5	1.914	2.925	1.7	20.9
8 19	20 47.96	−18 0.3	1.942	2.926	5.7	21.1
8 29	20 40.33	−18 7.5	1.997	2.927	9.4	21.4
9 8	20 34.67	−18 7.9	2.076	2.927	12.5	21.6

163961 2003 UD_{68} 8 4.9 329°.91 1°.2/ 4.2 18

6 30	21 23.08	−17 21.9	1.531	2.405	15.5	19.9
7 10	21 19.61	−17 53.5	1.454	2.395	11.8	19.6
7 20	21 13.64	−18 35.2	1.397	2.385	7.5	19.4
7 30	21 5.79	−19 22.1	1.364	2.376	2.9	19.1
8 9	20 57.09	−20 8.1	1.356	2.367	2.7	19.0
8 19	20 48.73	−20 47.4	1.373	2.359	7.4	19.3
8 29	20 41.92	−21 15.8	1.414	2.351	11.9	19.5
9 8	20 37.57	−21 31.2	1.476	2.344	15.8	19.8

358949 2008 JD_{29} 8 4.9 80°.28 7°.6/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 21.54	+ 8 55.7	2.334	3.071	15.0	21.0
7 10	21 17.41	+ 9 16.1	2.264	3.086	13.0	20.9
7 20	21 11.71	+ 9 16.0	2.212	3.100	10.8	20.8
7 30	21 4.93	+ 8 54.0	2.182	3.114	8.9	20.7
8 9	20 57.74	+ 8 11.1	2.177	3.128	7.7	20.6
8 19	20 50.84	+ 7 10.4	2.197	3.142	7.9	20.7
8 29	20 44.95	+ 5 56.7	2.243	3.156	9.3	20.8
9 8	20 40.60	+ 4 36.1	2.313	3.169	11.3	20.9

217027 2001 OJ_{56} 8 4.9 347°.86 18°.5/ 9.5 17

6 30	21 30.17	+ 8 11.0	0.991	1.798	26.8	19.2
7 10	21 26.09	+11 26.0	0.932	1.794	24.1	18.9
7 20	21 18.38	+14 15.5	0.889	1.790	21.5	18.8
7 30	21 7.77	+16 25.1	0.861	1.787	19.4	18.6
8 9	20 55.70	+17 44.4	0.852	1.785	18.5	18.6
8 19	20 44.02	+18 9.5	0.859	1.783	19.2	18.6
8 29	20 34.64	+17 45.4	0.883	1.782	21.1	18.7
9 8	20 28.92	+16 45.2	0.922	1.783	23.6	18.9

359471 2010 ND_{99} 8 4.9 230°.93 5°.1/ 1.0 18

6 30	21 26.96	−31 1.7	2.267	3.127	11.7	20.8
7 10	21 21.83	−31 49.3	2.198	3.126	9.1	20.6
7 20	21 14.66	−32 34.1	2.154	3.125	6.6	20.4
7 30	21 6.08	−33 10.4	2.135	3.123	5.1	20.3
8 9	20 56.95	−33 33.4	2.143	3.122	5.8	20.4
8 19	20 48.22	−33 40.4	2.177	3.120	8.1	20.5
8 29	20 40.81	−33 30.8	2.237	3.119	10.7	20.7
9 8	20 35.40	−33 6.2	2.318	3.118	13.1	20.9

440492 2005 TK_{106} 8 4.9 307°.47 1°.2/ 5.8 15

6 30	21 22.56	−12 15.5	1.988	2.836	13.6	21.4
7 10	21 18.66	−12 24.8	1.898	2.822	10.5	21.2
7 20	21 12.77	−12 44.6	1.830	2.808	6.9	21.0
7 30	21 5.42	−13 12.8	1.787	2.795	3.1	20.7
8 9	20 57.38	−13 46.1	1.770	2.782	1.8	20.6
8 19	20 49.54	−14 20.5	1.780	2.768	5.7	20.8
8 29	20 42.85	−14 52.3	1.817	2.756	9.5	21.0
9 8	20 38.02	−15 18.5	1.876	2.743	13.0	21.2

36151 1999 RG_{193} 8 4.9 185°.29 2°.1/ 2.9 18

6 30	21 23.08	−20 40.9	2.402	3.259	11.2	18.0
7 10	21 18.71	−21 36.5	2.326	3.259	8.4	17.8
7 20	21 12.62	−22 36.9	2.275	3.259	5.4	17.6
7 30	21 5.31	−23 37.7	2.250	3.258	2.6	17.4
8 9	20 57.47	−24 33.9	2.254	3.258	3.0	17.4
8 19	20 49.89	−25 21.6	2.286	3.257	6.0	17.6
8 29	20 43.33	−25 57.9	2.345	3.256	9.0	17.8
9 8	20 38.42	−26 21.7	2.427	3.256	11.7	18.0

470886 2009 BS_{68} 8 4.9 292°.51 0°.7/ 5.3 18

6 30	21 29.34	−15 48.2	1.796	2.647	14.7	21.0
7 10	21 24.22	−15 30.3	1.692	2.618	11.4	20.7
7 20	21 16.59	−15 18.5	1.609	2.589	7.5	20.4
7 30	21 6.97	−15 10.7	1.550	2.560	3.1	20.1
8 9	20 56.30	−15 4.3	1.519	2.530	1.9	20.0
8 19	20 45.73	−14 56.8	1.514	2.501	6.7	20.2
8 29	20 36.48	−14 46.1	1.535	2.471	11.2	20.4
9 8	20 29.54	−14 31.1	1.579	2.441	15.3	20.6

237246 2008 WX_{54} 8 4.9 154°.14 3°.7/ 7.9 18

6 30	21 24.38	− 4 2.3	2.203	3.011	13.8	21.1
7 10	21 19.68	− 4 8.2	2.124	3.017	11.0	20.9
7 20	21 13.23	− 4 29.0	2.068	3.022	8.0	20.7
7 30	21 5.55	− 5 3.5	2.036	3.027	5.0	20.6
8 9	20 57.36	− 5 49.2	2.031	3.032	3.7	20.5
8 19	20 49.46	− 6 42.1	2.054	3.036	5.6	20.6
8 29	20 42.63	− 7 37.8	2.104	3.040	8.6	20.8
9 8	20 37.50	− 8 32.0	2.179	3.044	11.5	21.0

509351 2006 YV_{54} 8 4.9 167°.41 0°.7/ 4.2 18

6 30	21 22.94	−16 32.7	2.855	3.696	10.1	22.8
7 10	21 18.29	−17 18.5	2.777	3.700	7.6	22.6
7 20	21 12.21	−18 10.5	2.723	3.704	4.8	22.4
7 30	21 5.14	−19 5.2	2.697	3.708	1.8	22.2
8 9	20 57.65	−19 58.9	2.701	3.710	1.6	22.2
8 19	20 50.36	−20 48.4	2.734	3.713	4.6	22.4
8 29	20 43.92	−21 30.7	2.795	3.715	7.4	22.6
9 8	20 38.84	−22 4.3	2.881	3.716	9.9	22.8

11556 1993 DV 8 4.9 221°.67 1°.0/ 5.7 18

6 30	21 26.33	−12 30.1	2.197	3.033	12.9	18.8
7 10	21 21.30	−12 43.1	2.107	3.024	9.9	18.6
7 20	21 14.36	−13 5.6	2.039	3.015	6.5	18.3
7 30	21 6.02	−13 35.2	1.997	3.005	2.8	18.1
8 9	20 57.03	−14 8.7	1.984	2.995	1.7	18.0
8 19	20 48.25	−14 42.5	1.998	2.984	5.4	18.2
8 29	20 40.57	−15 13.1	2.040	2.973	9.0	18.4
9 8	20 34.68	−15 38.1	2.106	2.961	12.2	18.6

199675 2006 HE_4 8 4.9 32.°76 0.°2/ 5.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.57	−15 17.1	1.405	2.275	16.9	20.0
7 10	21 21.39	−15 23.8	1.348	2.285	12.9	19.8
7 20	21 14.64	−15 41.0	1.311	2.296	8.2	19.6
7 30	21 6.13	−16 4.9	1.297	2.307	3.2	19.3
8 9	20 57.01	−16 30.5	1.307	2.319	2.0	19.2
8 19	20 48.53	−16 53.2	1.343	2.332	7.0	19.6
8 29	20 41.85	−17 9.4	1.402	2.345	11.5	19.9
9 8	20 37.73	−17 17.1	1.483	2.358	15.3	20.2

221930 2009 OH_{15} 8 4.9 316.°62 1.°1/ 4.4 17

6 30	21 25.82	−18 14.1	1.331	2.210	17.1	20.4
7 10	21 22.13	−18 26.6	1.252	2.195	13.1	20.2
7 20	21 15.50	−18 48.1	1.193	2.181	8.4	19.9
7 30	21 6.59	−19 14.0	1.156	2.167	3.2	19.5
8 9	20 56.62	−19 38.3	1.143	2.153	2.8	19.4
8 19	20 47.01	−19 55.7	1.154	2.141	8.2	19.7
8 29	20 39.24	−20 2.7	1.187	2.128	13.3	20.0
9 8	20 34.35	−19 57.8	1.241	2.117	17.7	20.2

10545 Källunge 8 4.9 245.°89 1.°7/ 5.9 18

6 30	21 27.34	−11 3.0	1.552	2.403	16.6	18.3
7 10	21 22.85	−11 16.5	1.468	2.392	12.9	18.1
7 20	21 15.75	−11 44.9	1.403	2.382	8.6	17.8
7 30	21 6.65	−12 25.6	1.363	2.371	4.0	17.5
8 9	20 56.58	−13 14.0	1.348	2.359	2.3	17.4
8 19	20 46.78	−14 4.2	1.359	2.347	7.0	17.6
8 29	20 38.52	−14 50.6	1.394	2.335	11.7	17.9
9 8	20 32.76	−15 29.2	1.452	2.323	15.8	18.1

437313 2013 EK_{73} 8 4.9 52.°32 0.°1/ 5.4 15

6 30	21 9.07	−14 51.0	11.525	12.353	2.8	24.3
7 10	21 7.03	−15 1.3	11.467	12.383	2.1	24.2
7 20	21 4.71	−15 12.9	11.435	12.412	1.4	24.1
7 30	21 2.23	−15 25.3	11.432	12.441	0.5	24.1
8 9	20 59.69	−15 38.1	11.458	12.470	0.3	24.1
8 19	20 57.20	−15 50.7	11.515	12.499	1.1	24.2
8 29	20 54.87	−16 2.7	11.600	12.528	1.9	24.2
9 8	20 52.82	−16 13.6	11.713	12.557	2.6	24.3

39332 2002 AH_{10} 8 4.9 179.°90 0.°8/ 5.7 18

6 30	21 21.80	−11 4.9	2.401	3.237	11.9	19.2
7 10	21 17.68	−11 43.7	2.319	3.237	9.2	19.0
7 20	21 11.95	−12 33.4	2.261	3.237	6.0	18.8
7 30	21 5.08	−13 31.0	2.229	3.237	2.6	18.6
8 9	20 57.71	−14 32.5	2.226	3.237	1.5	18.5
8 19	20 50.57	−15 33.7	2.251	3.237	4.8	18.7
8 29	20 44.37	−16 30.4	2.303	3.237	8.1	18.9
9 8	20 39.71	−17 19.7	2.380	3.236	11.0	19.1

161379 2003 SE_{298} 8 4.9 337.°79 1.°9/ 3.6 18

6 30	21 23.98	−18 25.6	1.698	2.567	14.5	19.7
7 10	21 20.05	−19 19.9	1.626	2.564	11.0	19.5
7 20	21 13.80	−20 23.4	1.575	2.562	6.9	19.2
7 30	21 5.86	−21 30.2	1.550	2.560	2.9	19.0
8 9	20 57.18	−22 33.6	1.551	2.558	3.2	19.0
8 19	20 48.86	−23 27.4	1.578	2.557	7.3	19.3
8 29	20 41.98	−24 7.6	1.629	2.555	11.3	19.5
9 8	20 37.38	−24 32.5	1.702	2.554	14.8	19.7

213520 2002 GC_{150} 8 4.9 160.°30 1.°2/ 4.2 17

6 30	21 30.19	−17 46.3	1.701	2.558	15.1	21.9
7 10	21 24.65	−18 19.0	1.632	2.564	11.4	21.7
7 20	21 16.66	−18 59.6	1.585	2.569	7.2	21.5
7 30	21 6.92	−19 43.2	1.562	2.573	2.8	21.2
8 9	20 56.49	−20 24.0	1.567	2.577	2.6	21.2
8 19	20 46.54	−20 57.2	1.599	2.580	7.0	21.5
8 29	20 38.21	−21 19.7	1.656	2.583	11.1	21.7
9 8	20 32.30	−21 30.5	1.735	2.585	14.7	22.0

84936 2003 WJ_{121} 8 4.9 241.°47 2.°9/ 6.8 18

6 30	21 25.90	− 8 15.6	2.186	3.009	13.4	20.3
7 10	21 20.98	− 8 2.4	2.093	2.998	10.6	20.1
7 20	21 14.17	− 8 0.1	2.022	2.987	7.4	19.8
7 30	21 5.96	− 8 8.0	1.976	2.976	4.2	19.6
8 9	20 57.11	− 8 24.1	1.958	2.964	3.0	19.5
8 19	20 48.46	− 8 46.0	1.967	2.952	5.6	19.7
8 29	20 40.87	− 9 10.3	2.004	2.939	9.0	19.9
9 8	20 35.04	− 9 33.9	2.064	2.926	12.2	20.0

14646 1998 XO_{28} 8 4.9 326.°72 1.°1/ 5.7 18

6 30	21 25.01	−12 53.7	1.898	2.746	14.1	17.9
7 10	21 20.50	−12 59.7	1.821	2.746	10.9	17.7
7 20	21 13.92	−13 15.7	1.766	2.745	7.1	17.5
7 30	21 5.87	−13 39.3	1.736	2.744	3.1	17.2
8 9	20 57.21	−14 6.9	1.732	2.743	1.8	17.1
8 19	20 48.90	−14 34.8	1.755	2.743	5.8	17.4
8 29	20 41.87	−14 59.6	1.804	2.742	9.7	17.6
9 8	20 36.85	−15 18.5	1.876	2.741	13.1	17.8

329171 2012 CG_{55} 8 4.9 141.°21 2.°3/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.93	− 6 28.4	2.561	3.378	11.8	20.6
7 10	21 16.90	− 6 52.7	2.480	3.381	9.3	20.4
7 20	21 11.39	− 7 29.3	2.421	3.384	6.5	20.3
7 30	21 4.86	− 8 16.4	2.388	3.387	3.6	20.1
8 9	20 57.90	− 9 10.9	2.384	3.390	2.4	20.0
8 19	20 51.16	−10 9.2	2.407	3.393	4.6	20.2
8 29	20 45.29	−11 7.3	2.459	3.396	7.5	20.3
9 8	20 40.83	−12 1.7	2.536	3.399	10.2	20.5

333842 1960 SV 8 4.9 312.°72 4.°0/ 7.3 18

6 30	21 21.48	− 6 18.6	1.460	2.309	17.5	20.9
7 10	21 18.60	− 6 17.8	1.367	2.287	14.1	20.6
7 20	21 13.18	− 6 36.7	1.294	2.264	10.1	20.3
7 30	21 5.74	− 7 15.1	1.242	2.243	5.9	20.0
8 9	20 57.23	− 8 9.9	1.214	2.221	4.1	19.8
8 19	20 48.83	− 9 15.3	1.211	2.201	7.4	20.0
8 29	20 41.84	−10 24.3	1.231	2.180	12.0	20.2
9 8	20 37.31	−11 29.5	1.272	2.161	16.4	20.4

11610 1995 XJ_1 8 4.9 282.°56 3.°2/ 7.1 18

6 30	21 23.92	− 7 28.8	2.197	3.021	13.3	17.3
7 10	21 19.42	− 7 11.9	2.110	3.014	10.6	17.1
7 20	21 13.14	− 7 6.2	2.045	3.008	7.5	16.9
7 30	21 5.56	− 7 11.2	2.005	3.002	4.4	16.7
8 9	20 57.42	− 7 25.2	1.991	2.996	3.2	16.6
8 19	20 49.52	− 7 45.7	2.006	2.990	5.5	16.7
8 29	20 42.66	− 8 9.4	2.046	2.983	8.7	16.9
9 8	20 37.50	− 8 33.2	2.111	2.977	11.8	17.1

220382 2003 QD_{30} 8 4.9 328.°48 6.°2/ 1.7 18

6 30	21 32.05	−34 36.5	2.012	2.868	13.1	19.4
7 10	21 25.96	−34 55.0	1.937	2.858	10.5	19.2
7 20	21 17.43	−35 6.1	1.884	2.849	7.9	19.0
7 30	21 7.19	−35 3.9	1.856	2.840	6.3	18.9
8 9	20 56.36	−34 44.0	1.855	2.831	6.8	18.9
8 19	20 46.10	−34 4.9	1.879	2.823	9.1	19.0
8 29	20 37.54	−33 8.0	1.929	2.815	11.9	19.2
9 8	20 31.43	−31 56.8	2.001	2.807	14.6	19.4

339332 2004 XO_{180} 8 4.9 326.°46 4.°4/ 2.6 18 R

6 30	21 24.16	−24 20.8	1.344	2.233	16.4	20.5
7 10	21 21.00	−25 3.2	1.266	2.214	12.6	20.2
7 20	21 14.86	−25 50.2	1.207	2.195	8.4	19.9
7 30	21 6.39	−26 34.5	1.171	2.178	4.8	19.6
8 9	20 56.82	−27 8.0	1.159	2.161	5.7	19.6
8 19	20 47.60	−27 24.5	1.170	2.145	9.9	19.8
8 29	20 40.24	−27 21.3	1.203	2.130	14.4	20.1
9 8	20 35.84	−26 59.2	1.255	2.116	18.5	20.3

213736 2002 VQ_{145} 8 4.9 294.°74 0.°0/ 4.8 18

6 30	21 24.12	−15 22.4	1.900	2.756	13.8	21.1
7 10	21 19.92	−15 44.1	1.817	2.748	10.5	20.9
7 20	21 13.63	−16 15.0	1.757	2.740	6.7	20.6
7 30	21 5.80	−16 51.6	1.721	2.732	2.6	20.3
8 9	20 57.28	−17 29.6	1.712	2.724	1.8	20.3
8 19	20 49.03	−18 4.7	1.730	2.716	6.1	20.5
8 29	20 42.05	−18 33.1	1.774	2.708	10.0	20.8
9 8	20 37.08	−18 52.8	1.840	2.700	13.5	21.0

322182 2010 XO_{43} 8 4.9 313.°96 4.°3/ 8.4 18

6 30	21 20.95	− 2 50.7	2.211	3.020	13.7	20.4
7 10	21 17.19	− 2 45.5	2.122	3.013	11.1	20.2
7 20	21 11.73	− 2 55.4	2.055	3.006	8.3	20.0
7 30	21 5.04	− 3 20.2	2.012	2.999	5.5	19.9
8 9	20 57.80	− 3 57.9	1.995	2.993	4.3	19.8
8 19	20 50.75	− 4 45.3	2.005	2.986	5.8	19.9
8 29	20 44.67	− 5 38.1	2.042	2.980	8.7	20.0
9 8	20 40.21	− 6 31.7	2.103	2.974	11.6	20.2

316045 2009 HA_8 8 4.9 111.°49 1.°5/ 3.9 17

6 30	21 29.15	−17 22.1	1.535	2.399	16.1	21.5
7 10	21 24.01	−18 13.0	1.477	2.413	12.1	21.3
7 20	21 16.30	−19 13.6	1.440	2.426	7.6	21.1
7 30	21 6.80	−20 17.4	1.428	2.439	2.9	20.8
8 9	20 56.65	−21 17.3	1.442	2.451	2.9	20.8
8 19	20 47.11	−22 7.1	1.482	2.463	7.5	21.2
8 29	20 39.33	−22 43.1	1.547	2.475	11.7	21.4
9 8	20 34.13	−23 4.2	1.634	2.486	15.3	21.7

474359 2002 QX_{111} 8 4.9 319.°14 3.°2/ 7.0 18

6 30	21 21.92	− 7 27.1	1.667	2.511	15.9	21.0
7 10	21 18.53	− 7 29.2	1.581	2.498	12.7	20.7
7 20	21 12.89	− 7 47.7	1.515	2.486	8.9	20.5
7 30	21 5.56	− 8 21.5	1.472	2.474	5.0	20.2
8 9	20 57.43	− 9 7.3	1.454	2.462	3.3	20.1
8 19	20 49.52	−10 0.1	1.462	2.451	6.5	20.3
8 29	20 42.92	−10 54.4	1.495	2.440	10.6	20.5
9 8	20 38.47	−11 44.7	1.549	2.430	14.5	20.7

84994 Amysimon 8 4.9 322.°89 0.°1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 20.58	−12 31.0	1.636	2.499	15.3	18.7
7 10	21 17.64	−13 35.2	1.552	2.486	11.7	18.4
7 20	21 12.40	−14 56.5	1.489	2.474	7.5	18.2
7 30	21 5.41	−16 29.9	1.451	2.461	2.8	17.9
8 9	20 57.55	−18 8.0	1.438	2.450	2.1	17.8
8 19	20 49.89	−19 42.4	1.452	2.438	6.9	18.1
8 29	20 43.55	−21 5.8	1.491	2.428	11.4	18.3
9 8	20 39.43	−22 13.3	1.552	2.418	15.3	18.5

472696 2015 FZ_{19} 8 4.9 135.°24 5.°2/31.9 17

6 30	21 28.59	−27 30.0	1.885	2.751	13.4	21.5
7 10	21 23.42	−28 52.1	1.827	2.760	10.3	21.3
7 20	21 15.88	−30 14.8	1.791	2.768	7.2	21.1
7 30	21 6.65	−31 30.3	1.782	2.776	5.3	21.0
8 9	20 56.76	−32 31.2	1.799	2.784	6.2	21.1
8 19	20 47.34	−33 12.9	1.843	2.791	9.0	21.3
8 29	20 39.46	−33 33.8	1.911	2.797	12.0	21.5
9 8	20 33.93	−33 35.2	2.000	2.804	14.7	21.7

123808 2001 BJ_{64} 8 4.9 62.°04 0.°3/ 4.8 18

6 30	21 30.65	−19 20.1	2.186	3.031	12.6	19.1
7 10	21 24.32	−18 56.8	2.117	3.042	9.5	18.9
7 20	21 16.10	−18 35.8	2.072	3.053	6.1	18.7
7 30	21 6.65	−18 15.1	2.054	3.064	2.3	18.5
8 9	20 56.82	−17 52.8	2.064	3.075	1.7	18.4
8 19	20 47.51	−17 27.7	2.103	3.087	5.4	18.7
8 29	20 39.56	−16 59.5	2.170	3.098	8.8	18.9
9 8	20 33.57	−16 28.0	2.261	3.109	11.8	19.2

247186 2001 EO_{18} 8 4.9 157.°11 5.°2/ 1.2 18

6 30	21 29.27	−33 10.5	2.453	3.305	11.2	20.1
7 10	21 23.40	−33 44.6	2.387	3.307	8.8	20.0
7 20	21 15.60	−34 13.8	2.344	3.309	6.6	19.8
7 30	21 6.48	−34 33.2	2.327	3.310	5.2	19.8
8 9	20 56.91	−34 38.7	2.338	3.312	5.8	19.8
8 19	20 47.80	−34 28.6	2.376	3.313	7.8	19.9
8 29	20 40.02	−34 3.0	2.439	3.314	10.2	20.1
9 8	20 34.19	−33 24.0	2.525	3.315	12.4	20.3

392518 2011 QB_{30} 8 4.9 7.°55 1.°8/ 3.9 18

6 30	21 25.38	−19 52.1	1.619	2.490	15.0	20.8
7 10	21 21.15	−20 14.7	1.551	2.491	11.3	20.5
7 20	21 14.50	−20 43.3	1.505	2.492	7.2	20.3
7 30	21 6.15	−21 12.9	1.483	2.493	2.9	20.0
8 9	20 57.13	−21 38.5	1.486	2.495	3.0	20.1
8 19	20 48.60	−21 55.8	1.515	2.497	7.2	20.3
8 29	20 41.65	−22 2.4	1.569	2.500	11.3	20.6
9 8	20 37.10	−21 57.6	1.644	2.504	14.9	20.8

106254 2000 UU_{56} 8 4.9 243.°71 0.°4/ 5.2 18

6 30	21 25.61	−15 20.5	2.331	3.174	12.0	19.9
7 10	21 20.64	−15 22.0	2.244	3.166	9.2	19.7
7 20	21 13.90	−15 29.7	2.179	3.159	5.9	19.5
7 30	21 5.88	−15 41.5	2.141	3.151	2.3	19.2
8 9	20 57.31	−15 54.7	2.131	3.143	1.5	19.1
8 19	20 48.99	−16 6.5	2.149	3.135	5.1	19.4
8 29	20 41.72	−16 15.0	2.195	3.126	8.5	19.6
9 8	20 36.16	−16 18.4	2.264	3.118	11.6	19.8

375651 2009 BC_{27} 8 4.9 58.°26 1.°1/ 3.9 18

6 30	21 21.47	−19 53.7	2.927	3.777	9.6	21.1
7 10	21 17.13	−20 13.1	2.855	3.784	7.2	21.0
7 20	21 11.46	−20 35.4	2.808	3.790	4.5	20.8
7 30	21 4.89	−20 58.1	2.787	3.797	1.8	20.6
8 9	20 58.00	−21 18.5	2.796	3.804	1.8	20.7
8 19	20 51.36	−21 34.3	2.833	3.811	4.5	20.9
8 29	20 45.57	−21 44.1	2.897	3.818	7.2	21.0
9 8	20 41.10	−21 47.0	2.986	3.825	9.5	21.2

12865 1998 KL_{55} 8 4.9 19.°73 4.°6/ 8.6 18

6 30	21 21.34	− 2 30.3	2.009	2.822	14.7	17.9
7 10	21 17.59	− 2 26.1	1.932	2.824	12.0	17.7
7 20	21 12.02	− 2 38.7	1.875	2.827	8.9	17.5
7 30	21 5.17	− 3 7.8	1.843	2.830	5.9	17.4
8 9	20 57.79	− 3 50.8	1.836	2.833	4.6	17.3
8 19	20 50.69	− 4 43.8	1.855	2.837	6.2	17.4
8 29	20 44.71	− 5 42.1	1.900	2.840	9.1	17.6
9 8	20 40.48	− 6 40.2	1.970	2.844	12.1	17.8

231996 2001 SE_{3} 8 4.9 265.°62 0.°7/ 4.5 18

6 30	21 26.19	−16 15.3	1.744	2.603	14.7	20.3
7 10	21 21.81	−16 47.9	1.656	2.589	11.2	20.1
7 20	21 15.03	−17 30.8	1.590	2.574	7.2	19.8
7 30	21 6.42	−18 19.7	1.548	2.559	2.7	19.5
8 9	20 56.91	−19 9.1	1.533	2.543	2.2	19.4
8 19	20 47.62	−19 53.6	1.544	2.528	6.9	19.7
8 29	20 39.69	−20 28.7	1.580	2.512	11.2	19.9
9 8	20 34.04	−20 52.0	1.639	2.496	15.0	20.1

115847 2003 UF_{265} 8 4.9 308.°26 7.°1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 25.29	−30 36.0	1.683	2.561	14.2	19.0
7 10	21 21.49	−32 13.6	1.612	2.549	11.2	18.8
7 20	21 15.01	−33 51.8	1.564	2.537	8.5	18.6
7 30	21 6.45	−35 20.9	1.540	2.525	7.1	18.5
8 9	20 56.90	−36 31.7	1.540	2.513	8.4	18.5
8 19	20 47.66	−37 17.9	1.566	2.502	11.2	18.7
8 29	20 40.05	−37 37.4	1.613	2.490	14.3	18.8
9 8	20 35.07	−37 32.0	1.680	2.480	17.3	19.0

220243 2002 XJ_{31} 8 4.9 278.°90 1.°6/ 4.1 17 R

6 30	21 27.83	−18 57.8	1.607	2.474	15.3	21.1
7 10	21 23.34	−19 23.8	1.518	2.454	11.8	20.9
7 20	21 16.17	−19 57.9	1.449	2.435	7.5	20.6
7 30	21 6.91	−20 35.3	1.405	2.415	3.0	20.3
8 9	20 56.59	−21 10.0	1.386	2.395	3.0	20.2
8 19	20 46.49	−21 36.8	1.393	2.375	7.7	20.4
8 29	20 37.93	−21 52.1	1.424	2.355	12.3	20.7
9 8	20 31.91	−21 54.5	1.477	2.335	16.4	20.9

506583 2005 WX_{10} 8 4.9 279.°58 0.°9/ 5.5 18

6 30	21 25.91	−13 1.6	1.687	2.541	15.3	22.3
7 10	21 21.69	−13 14.3	1.594	2.522	11.9	22.0
7 20	21 15.02	−13 39.1	1.522	2.503	7.8	21.8
7 30	21 6.45	−14 13.4	1.474	2.483	3.3	21.4
8 9	20 56.91	−14 52.9	1.452	2.464	2.0	21.3
8 19	20 47.53	−15 32.6	1.456	2.444	6.7	21.6
8 29	20 39.51	−16 7.8	1.485	2.424	11.2	21.8
9 8	20 33.80	−16 35.2	1.536	2.405	15.3	22.0

515986 2015 RJ_{199} 8 4.9 323.°85 0.°6/ 4.5 18

6 30	21 22.18	−16 40.3	2.114	2.971	12.5	21.4
7 10	21 18.27	−17 10.9	2.032	2.964	9.5	21.2
7 20	21 12.50	−17 49.1	1.974	2.958	6.0	21.0
7 30	21 5.38	−18 31.5	1.941	2.951	2.3	20.7
8 9	20 57.68	−19 13.7	1.935	2.945	1.9	20.7
8 19	20 50.23	−19 51.6	1.956	2.940	5.7	21.0
8 29	20 43.90	−20 22.1	2.004	2.934	9.3	21.2
9 8	20 39.34	−20 43.0	2.074	2.929	12.4	21.4

279634 2011 EO_{68} 8 4.9 71.°12 0.°8/ 5.5 17

6 30	21 25.29	−12 28.3	1.629	2.484	15.7	21.2
7 10	21 21.02	−12 52.7	1.559	2.487	12.1	21.0
7 20	21 14.42	−13 30.1	1.510	2.490	7.9	20.7
7 30	21 6.15	−14 17.1	1.484	2.494	3.3	20.5
8 9	20 57.18	−15 8.2	1.485	2.497	1.9	20.4
8 19	20 48.64	−15 58.1	1.512	2.500	6.4	20.7
8 29	20 41.59	−16 41.8	1.564	2.503	10.7	20.9
9 8	20 36.83	−17 16.0	1.637	2.506	14.5	21.2

449695 2014 LX_{22} 8 4.9 347.°38 15.°5/14.8 15

6 30	21 22.16	+18 44.0	1.778	2.470	20.5	20.6
7 10	21 18.77	+20 52.4	1.703	2.460	19.1	20.5
7 20	21 13.12	+22 35.6	1.642	2.451	17.6	20.3
7 30	21 5.72	+23 46.3	1.599	2.443	16.4	20.2
8 9	20 57.42	+24 19.7	1.574	2.436	15.7	20.2
8 19	20 49.25	+24 14.4	1.568	2.430	15.6	20.2
8 29	20 42.32	+23 33.6	1.581	2.425	16.3	20.2
9 8	20 37.52	+22 24.5	1.611	2.422	17.4	20.3

209310 2004 AP 8 4.9 176.°80 5.°8/ 9.3 17

6 30	21 24.75	+ 0 37.0	2.203	2.987	14.5	20.5
7 10	21 20.03	+ 1 5.3	2.120	2.988	12.1	20.3
7 20	21 13.53	+ 1 17.5	2.058	2.989	9.4	20.2
7 30	21 5.77	+ 1 12.7	2.019	2.990	7.0	20.0
8 9	20 57.45	+ 0 51.8	2.007	2.990	5.8	20.0
8 19	20 49.38	+ 0 17.5	2.021	2.990	6.9	20.0
8 29	20 42.37	− 0 26.5	2.062	2.990	9.2	20.2
9 8	20 37.05	− 1 15.2	2.127	2.989	11.9	20.3

81494 2000 GT_{158} 8 4.9 249.°10 1.°4/ 5.7 18

6 30	21 28.10	−13 2.7	1.657	2.508	15.7	19.2
7 10	21 23.23	−12 58.6	1.576	2.502	12.2	18.9
7 20	21 15.89	−13 5.0	1.516	2.495	8.0	18.7
7 30	21 6.75	−13 19.8	1.480	2.488	3.5	18.4
8 9	20 56.79	−13 39.4	1.470	2.482	2.1	18.3
8 19	20 47.18	−13 59.9	1.487	2.474	6.6	18.5
8 29	20 39.08	−14 17.8	1.528	2.467	11.0	18.8
9 8	20 33.35	−14 30.4	1.592	2.460	14.8	19.0

501974 2014 YX_{24} 8 4.9 283.°50 0.°5/ 4.8 18

6 30	21 30.79	−17 54.9	1.413	2.280	17.0	21.1
7 10	21 26.00	−17 51.8	1.321	2.257	13.2	20.8
7 20	21 18.11	−17 56.1	1.249	2.234	8.5	20.5
7 30	21 7.74	−18 3.9	1.200	2.211	3.3	20.1
8 9	20 56.07	−18 10.5	1.175	2.187	2.5	20.0
8 19	20 44.58	−18 11.7	1.176	2.163	8.1	20.3
8 29	20 34.86	−18 4.7	1.201	2.139	13.4	20.5
9 8	20 28.10	−17 48.7	1.246	2.115	18.0	20.7

287085 2002 RN_{69} 8 4.9 284°.55 3°.0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 29.16	−22 4.2	1.563	2.434	15.5	20.9
7 10	21 24.58	−22 36.3	1.470	2.409	11.9	20.6
7 20	21 17.11	−23 14.4	1.398	2.384	7.8	20.3
7 30	21 7.33	−23 52.4	1.350	2.359	3.8	20.0
8 9	20 56.35	−24 23.6	1.327	2.333	4.2	19.9
8 19	20 45.53	−24 42.4	1.330	2.307	8.6	20.1
8 29	20 36.32	−24 45.7	1.357	2.281	13.3	20.3
9 8	20 29.85	−24 33.3	1.404	2.255	17.4	20.5

59914 1999 RX_{157} 8 4.9 9°.62 7°.7/ 1.3 18

6 30	21 31.39	−36 11.9	1.659	2.525	14.9	18.2
7 10	21 25.86	−36 43.5	1.602	2.527	12.0	18.1
7 20	21 17.52	−37 5.7	1.567	2.530	9.3	17.9
7 30	21 7.30	−37 11.1	1.555	2.534	7.8	17.8
8 9	20 56.53	−36 54.4	1.568	2.538	8.4	17.9
8 19	20 46.59	−36 14.4	1.605	2.544	10.7	18.0
8 29	20 38.72	−35 13.4	1.665	2.550	13.6	18.2
9 8	20 33.68	−33 56.2	1.745	2.556	16.3	18.4

373769 2002 TE_{268} 8 4.9 303°.16 2°.2/ 3.9 18

6 30	21 28.03	−20 52.2	1.388	2.265	16.6	20.8
7 10	21 23.93	−21 6.8	1.301	2.243	12.8	20.5
7 20	21 16.79	−21 27.4	1.234	2.221	8.3	20.2
7 30	21 7.24	−21 48.9	1.189	2.200	3.5	19.8
8 9	20 56.47	−22 4.8	1.169	2.178	3.6	19.8
8 19	20 45.96	−22 10.4	1.174	2.157	8.6	20.0
8 29	20 37.25	−22 2.8	1.201	2.136	13.7	20.2
9 8	20 31.50	−21 42.0	1.248	2.116	18.1	20.4

28940 2000 UD_{1} 8 4.9 5°.17 1°.3/ 4.2 18

6 30	21 20.08	−17 39.4	1.375	2.260	16.3	17.6
7 10	21 17.47	−18 9.8	1.314	2.261	12.3	17.4
7 20	21 12.34	−18 50.0	1.273	2.262	7.8	17.1
7 30	21 5.41	−19 34.8	1.254	2.265	3.0	16.9
8 9	20 57.79	−20 17.8	1.259	2.270	2.8	16.9
8 19	20 50.68	−20 53.2	1.289	2.276	7.5	17.2
8 29	20 45.24	−21 16.9	1.341	2.283	12.0	17.5
9 8	20 42.29	−21 27.2	1.414	2.292	15.8	17.7

194386 2001 VG_{5} 8 4.9 88°.35 6°.2/ 9.9 18 R

6 30	21 36.38	+ 3 23.0	2.092	2.841	16.2	21.6
7 10	21 28.36	+ 3 38.2	2.048	2.892	13.4	21.5
7 20	21 18.52	+ 3 33.7	2.025	2.941	10.3	21.4
7 30	21 7.59	+ 3 9.7	2.028	2.989	7.6	21.4
8 9	20 56.47	+ 2 28.8	2.058	3.035	6.2	21.4
8 19	20 46.08	+ 1 35.3	2.118	3.079	7.1	21.5
8 29	20 37.22	+ 0 34.3	2.205	3.122	9.3	21.7
9 8	20 30.42	− 0 28.4	2.318	3.163	11.7	21.9

319416 2006 HG_{38} 8 5.0 118°.25 1°.3/ 4.2 17

6 30	21 29.26	−16 54.7	1.469	2.334	16.6	21.4
7 10	21 24.28	−17 41.1	1.408	2.344	12.5	21.1
7 20	21 16.62	−18 38.2	1.368	2.354	7.9	20.9
7 30	21 7.06	−19 39.6	1.352	2.363	3.0	20.6
8 9	20 56.78	−20 38.1	1.363	2.372	2.8	20.6
8 19	20 47.08	−21 27.2	1.398	2.381	7.6	21.0
8 29	20 39.20	−22 2.8	1.459	2.390	12.0	21.2
9 8	20 34.00	−22 23.7	1.540	2.398	15.8	21.5

102383 1999 TH_{152} 8 5.0 301°.49 1°.4/ 5.9 18

6 30	21 23.97	−11 53.4	1.662	2.516	15.5	19.9
7 10	21 20.31	−12 2.4	1.564	2.492	12.1	19.6
7 20	21 14.23	−12 24.7	1.487	2.467	8.1	19.3
7 30	21 6.24	−12 58.1	1.434	2.442	3.7	19.0
8 9	20 57.23	−13 38.8	1.406	2.418	2.1	18.8
8 19	20 48.32	−14 21.7	1.404	2.394	6.7	19.0
8 29	20 40.71	−15 1.8	1.427	2.370	11.3	19.2
9 8	20 35.37	−15 35.0	1.471	2.346	15.5	19.4

359440 2010 MX_{75} 8 5.0 256°.85 4°.8/ 1.9 18

6 30	21 30.25	−31 5.5	2.261	3.116	11.9	20.6
7 10	21 24.36	−31 30.9	2.186	3.111	9.3	20.4
7 20	21 16.36	−31 52.4	2.135	3.106	6.7	20.2
7 30	21 6.90	−32 4.9	2.109	3.101	4.9	20.1
8 9	20 56.90	−32 4.4	2.111	3.096	5.4	20.1
8 19	20 47.34	−31 48.7	2.140	3.091	7.8	20.3
8 29	20 39.18	−31 18.1	2.195	3.085	10.5	20.4
9 8	20 33.11	−30 34.6	2.273	3.080	13.1	20.6

275473 2011 DZ_{22} 8 5.0 196°.95 0°.9/ 4.4 18

6 30	21 27.76	−17 9.9	1.961	2.813	13.6	22.0
7 10	21 22.66	−17 44.5	1.882	2.811	10.3	21.8
7 20	21 15.41	−18 27.0	1.825	2.808	6.5	21.5
7 30	21 6.59	−19 13.2	1.794	2.805	2.5	21.3
8 9	20 57.10	−19 58.0	1.791	2.801	2.2	21.3
8 19	20 47.91	−20 36.8	1.815	2.797	6.3	21.5
8 29	20 40.03	−21 6.3	1.866	2.792	10.1	21.7
9 8	20 34.22	−21 25.0	1.940	2.787	13.5	21.9

180266 2003 WQ_{34} 8 5.0 263°.11 4°.6/ 2.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 29.02	−24 40.3	1.494	2.370	15.8	20.4
7 10	21 24.41	−25 36.5	1.423	2.364	12.1	20.2
7 20	21 16.92	−26 36.6	1.373	2.357	8.1	19.9
7 30	21 7.26	−27 32.9	1.346	2.350	4.9	19.7
8 9	20 56.64	−28 17.2	1.345	2.343	5.7	19.7
8 19	20 46.48	−28 43.7	1.368	2.336	9.5	19.9
8 29	20 38.16	−28 50.2	1.415	2.329	13.6	20.2
9 8	20 32.67	−28 37.8	1.482	2.322	17.2	20.4

318213 2004 RZ_{183} 8 5.0 311°.87 9°.9/29.7 18

6 30	21 38.71	−46 53.6	2.174	2.995	13.5	20.0
7 10	21 31.27	−47 38.1	2.112	2.988	11.8	19.9
7 20	21 20.94	−48 7.8	2.071	2.981	10.4	19.8
7 30	21 8.66	−48 14.9	2.054	2.974	9.9	19.8
8 9	20 55.80	−47 54.4	2.060	2.967	10.5	19.8
8 19	20 43.82	−47 5.4	2.091	2.960	12.0	19.9
8 29	20 33.99	−45 50.9	2.144	2.954	13.8	20.0
9 8	20 27.11	−44 16.7	2.218	2.947	15.6	20.1

342946 2009 AY_{36} 8 5.0 312°.83 3°.1/ 2.7 18

6 30	21 24.81	−21 46.2	1.761	2.632	14.0	20.2
7 10	21 20.74	−22 45.1	1.688	2.628	10.6	20.0
7 20	21 14.33	−23 50.2	1.638	2.623	6.8	19.8
7 30	21 6.22	−24 55.0	1.612	2.619	3.6	19.6
8 9	20 57.35	−25 52.7	1.613	2.615	4.2	19.6
8 19	20 48.83	−26 37.8	1.640	2.611	7.8	19.8
8 29	20 41.74	−27 6.9	1.691	2.608	11.6	20.0
9 8	20 36.92	−27 19.6	1.764	2.604	14.9	20.2

97150 1999 VW_{156} 8 5.0 68°.07 6°.3/30.6 18 R

6 30	21 26.32	−33 42.4	2.213	3.074	11.9	18.4
7 10	21 21.50	−34 56.0	2.159	3.083	9.4	18.2
7 20	21 14.60	−36 4.9	2.130	3.092	7.3	18.1
7 30	21 6.25	−37 2.6	2.126	3.101	6.3	18.1
8 9	20 57.36	−37 43.6	2.148	3.110	7.1	18.1
8 19	20 48.92	−38 4.9	2.196	3.119	9.1	18.3
8 29	20 41.86	−38 6.1	2.268	3.128	11.4	18.5
9 8	20 36.86	−37 49.2	2.360	3.137	13.5	18.6

123736 2001 AQ_{11} 8 5.0 247°.06 1°.2/ 6.1 18

6 30	21 23.08	−11 7.7	2.663	3.491	11.1	20.7
7 10	21 18.64	−11 23.8	2.564	3.476	8.6	20.5
7 20	21 12.64	−11 48.8	2.488	3.460	5.7	20.3
7 30	21 5.51	−12 21.0	2.438	3.445	2.7	20.1
8 9	20 57.83	−12 57.6	2.418	3.428	1.6	20.0
8 19	20 50.28	−13 35.7	2.426	3.412	4.5	20.2
8 29	20 43.54	−14 12.1	2.462	3.395	7.7	20.4
9 8	20 38.21	−14 44.3	2.523	3.378	10.5	20.5

74789 1999 SY_{5} 8 5.0 304°.25 0°.8/ 4.3 18

6 30	21 22.75	− 9 31.2	1.366	2.228	17.8	17.6
7 10	21 20.23	−11 25.2	1.257	2.191	13.9	17.3
7 20	21 14.77	−13 54.4	1.168	2.153	9.1	16.9
7 30	21 6.69	−16 53.9	1.104	2.115	3.4	16.5
8 9	20 56.85	−20 11.4	1.067	2.077	3.1	16.3
8 19	20 46.59	−23 29.7	1.056	2.039	9.4	16.6
8 29	20 37.59	−26 31.1	1.071	2.002	15.4	16.8
9 8	20 31.37	−29 3.7	1.107	1.964	20.7	17.0

24469 2000 SN_{287} 8 5.0 165°.43 5°.1/ 8.4 18

6 30	21 27.46	− 2 19.9	2.121	2.918	14.6	18.7
7 10	21 22.15	− 1 47.9	2.041	2.922	11.9	18.5
7 20	21 14.94	− 1 30.2	1.982	2.925	9.0	18.3
7 30	21 6.39	− 1 27.6	1.947	2.928	6.3	18.2
8 9	20 57.28	− 1 39.0	1.939	2.931	5.1	18.1
8 19	20 48.46	− 2 2.1	1.959	2.933	6.6	18.2
8 29	20 40.80	− 2 33.2	2.005	2.934	9.3	18.4
9 8	20 34.96	− 3 8.1	2.074	2.935	12.2	18.6

85015 Gaskell 8 5.0 178°.26 1°.0/ 4.4 18

6 30	21 29.19	−17 33.4	1.854	2.708	14.2	20.5
7 10	21 23.82	−18 3.7	1.780	2.709	10.8	20.3
7 20	21 16.18	−18 41.5	1.727	2.710	6.8	20.1
7 30	21 6.90	−19 22.6	1.701	2.711	2.6	19.8
8 9	20 56.94	−20 1.6	1.701	2.711	2.3	19.8
8 19	20 47.37	−20 34.1	1.729	2.711	6.5	20.0
8 29	20 39.24	−20 57.1	1.783	2.710	10.5	20.3
9 8	20 33.33	−21 9.3	1.859	2.708	13.9	20.5

273590 2007 CR_{47} 8 5.0 280°.29 0°.6/ 5.4 18

6 30	21 25.97	−13 9.6	1.626	2.482	15.7	21.6
7 10	21 21.93	−13 32.4	1.531	2.460	12.2	21.3
7 20	21 15.33	−14 8.9	1.456	2.438	8.0	21.0
7 30	21 6.72	−14 56.0	1.406	2.416	3.3	20.7
8 9	20 57.03	−15 48.4	1.381	2.393	1.9	20.5
8 19	20 47.44	−16 40.2	1.382	2.370	7.0	20.8
8 29	20 39.23	−17 26.0	1.408	2.347	11.7	21.0
9 8	20 33.41	−18 1.9	1.456	2.324	16.0	21.2