65073 2002 AD_{189} 10 22.9 47°.35 4°.1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 12.91	+ 3 30.0	1.711	2.578	13.9	18.5
9 28	2 8.49	+ 2 21.8	1.666	2.597	10.3	18.3
10 8	2 2.13	+ 1 10.7	1.645	2.616	6.6	18.2
10 18	1 54.58	+ 0 3.6	1.650	2.635	4.2	18.1
10 28	1 46.84	− 0 52.4	1.683	2.654	5.6	18.2
11 7	1 39.87	− 1 31.9	1.742	2.674	8.9	18.4
11 17	1 34.46	− 1 52.0	1.825	2.695	12.2	18.7
11 27	1 31.14	− 1 52.0	1.931	2.715	15.0	18.9

15601 2000 GZ_{106} 10 22.9 267°.90 2°.1/21.0 18

9 18	2 14.40	+ 5 16.6	2.513	3.358	10.8	18.3
9 28	2 9.32	+ 4 56.9	2.423	3.342	8.0	18.1
10 8	2 2.62	+ 4 34.2	2.358	3.327	5.0	17.9
10 18	1 54.80	+ 4 11.1	2.321	3.311	2.4	17.7
10 28	1 46.56	+ 3 51.5	2.314	3.295	3.3	17.7
11 7	1 38.67	+ 3 38.6	2.336	3.279	6.3	17.9
11 17	1 31.83	+ 3 35.1	2.386	3.262	9.4	18.1
11 27	1 26.62	+ 3 42.9	2.461	3.246	12.1	18.2

163017 2001 UP_{79} 10 22.9 356°.15 0°.3/22.8 18

9 18	2 11.89	+13 42.8	0.965	1.850	20.5	19.9
9 28	2 9.38	+13 13.6	0.907	1.846	15.6	19.6
10 8	2 3.52	+12 24.3	0.866	1.842	9.7	19.3
10 18	1 55.24	+11 20.1	0.846	1.840	3.3	18.9
10 28	1 46.18	+10 10.7	0.848	1.839	3.5	18.9
11 7	1 38.14	+ 9 7.8	0.873	1.839	10.0	19.3
11 17	1 32.60	+ 8 21.6	0.918	1.841	15.7	19.6
11 27	1 30.49	+ 7 58.5	0.982	1.844	20.6	19.9

402414 2005 YP_{179} 10 22.9 113°.68 4°.5/18.5 18

9 18	2 12.68	− 0 39.6	2.222	3.080	11.5	21.2
9 28	2 8.06	− 1 35.7	2.159	3.082	8.7	21.0
10 8	2 1.81	− 2 31.6	2.120	3.083	6.0	20.8
10 18	1 54.51	− 3 22.0	2.109	3.085	4.5	20.8
10 28	1 46.92	− 4 1.6	2.126	3.086	5.7	20.8
11 7	1 39.84	− 4 26.4	2.171	3.088	8.3	21.0
11 17	1 33.96	− 4 34.2	2.241	3.089	11.1	21.2
11 27	1 29.82	− 4 24.4	2.334	3.091	13.5	21.4

385168 2013 VN_{8} 10 22.9 28°.86 5°.2/20.9 18

9 18	2 20.40	+ 0 56.2	0.949	1.838	20.4	19.8
9 28	2 15.26	+ 0 54.1	0.914	1.855	15.3	19.6
10 8	2 6.77	+ 0 54.0	0.898	1.872	9.8	19.4
10 18	1 56.20	+ 1 2.0	0.903	1.891	5.5	19.2
10 28	1 45.36	+ 1 23.7	0.931	1.912	6.8	19.4
11 7	1 36.03	+ 2 1.7	0.982	1.934	11.5	19.7
11 17	1 29.47	+ 2 56.0	1.055	1.957	16.2	20.0
11 27	1 26.35	+ 4 5.0	1.146	1.981	20.1	20.4

93739 2000 VK_{51} 10 22.9 100°.47 1°.2/23.8 18

9 18	2 21.38	+14 37.0	1.757	2.588	15.2	19.1
9 28	2 15.03	+14 51.2	1.693	2.600	11.6	18.9
10 8	2 6.32	+14 54.4	1.651	2.613	7.4	18.7
10 18	1 56.07	+14 47.7	1.635	2.625	3.0	18.5
10 28	1 45.39	+14 34.0	1.647	2.637	2.3	18.4
11 7	1 35.50	+14 17.7	1.688	2.649	6.6	18.8
11 17	1 27.39	+14 3.7	1.757	2.661	10.6	19.0
11 27	1 21.77	+13 56.6	1.848	2.672	14.0	19.3

472413 2015 BR_{252} 10 22.9 155°.46 0°.9/22.2 17

9 18	2 18.25	+12 0.6	1.840	2.680	14.3	21.9
9 28	2 12.55	+11 14.7	1.772	2.688	10.7	21.7
10 8	2 4.73	+10 17.7	1.727	2.695	6.5	21.4
10 18	1 55.52	+ 9 13.9	1.709	2.702	2.2	21.2
10 28	1 45.94	+ 8 9.2	1.720	2.708	2.8	21.2
11 7	1 37.08	+ 7 10.6	1.760	2.713	7.1	21.5
11 17	1 29.83	+ 6 23.6	1.826	2.717	11.0	21.8
11 27	1 24.84	+ 5 52.2	1.916	2.721	14.4	22.0

443539 2014 KQ_{3} 10 22.9 196°.81 0°.4/23.3 18

9 18	2 17.05	+14 14.6	1.969	2.802	13.7	21.3
9 28	2 11.68	+13 59.4	1.890	2.801	10.4	21.1
10 8	2 4.24	+13 33.2	1.834	2.799	6.6	20.9
10 18	1 55.38	+12 58.0	1.805	2.797	2.4	20.6
10 28	1 46.05	+12 17.9	1.804	2.794	2.1	20.6
11 7	1 37.28	+11 38.2	1.832	2.791	6.3	20.8
11 17	1 29.97	+11 4.0	1.887	2.788	10.2	21.1
11 27	1 24.82	+10 40.0	1.967	2.785	13.5	21.3

214592 2006 QX_{125} 10 23.0 10°.25 0°.8/23.5 18

9 18	2 17.66	+12 42.2	1.474	2.326	16.5	19.7
9 28	2 12.71	+13 4.8	1.408	2.328	12.6	19.4
10 8	2 5.13	+13 17.6	1.363	2.331	8.0	19.2
10 18	1 55.73	+13 21.6	1.342	2.335	3.0	18.9
10 28	1 45.73	+13 19.7	1.348	2.339	2.5	18.9
11 7	1 36.51	+13 16.4	1.381	2.344	7.4	19.2
11 17	1 29.21	+13 16.5	1.438	2.350	11.9	19.5
11 27	1 24.64	+13 24.2	1.518	2.357	15.8	19.7

515536 2014 GU_{25} 10 23.0 141°.60 1°.9/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.10	+17 54.5	2.056	2.873	13.8	21.8
9 28	2 12.39	+17 59.8	1.981	2.879	10.7	21.7
10 8	2 4.64	+17 52.6	1.929	2.885	7.1	21.4
10 18	1 55.51	+17 33.8	1.903	2.890	3.4	21.2
10 28	1 45.95	+17 6.1	1.906	2.895	2.4	21.2
11 7	1 36.99	+16 33.9	1.938	2.899	5.8	21.4
11 17	1 29.49	+16 2.3	1.998	2.904	9.4	21.6
11 27	1 24.13	+15 36.4	2.083	2.908	12.6	21.9

26167 1995 SA_{1} 10 23.0 284°.53 12°.2/ 3.6 18

9 18	2 17.98	+44 10.2	1.645	2.343	21.2	17.9
9 28	2 13.88	+44 44.6	1.548	2.325	19.2	17.7
10 8	2 6.39	+44 44.7	1.465	2.307	16.8	17.4
10 18	1 56.28	+44 2.4	1.399	2.289	14.4	17.2
10 28	1 45.10	+42 33.8	1.355	2.271	12.6	17.1
11 7	1 34.70	+40 22.7	1.334	2.253	12.3	17.0
11 17	1 26.70	+37 40.5	1.338	2.235	13.8	17.1
11 27	1 22.20	+34 44.0	1.365	2.217	16.5	17.2

118328 1998 YH_{21} 10 23.0 261°.49 4°.0/26.1 18

9 18	2 16.94	+23 8.8	1.637	2.451	16.9	19.9
9 28	2 12.18	+23 11.6	1.557	2.448	13.5	19.7
10 8	2 4.83	+22 54.0	1.497	2.444	9.6	19.4
10 18	1 55.65	+22 15.8	1.461	2.440	5.6	19.2
10 28	1 45.80	+21 20.0	1.452	2.436	4.1	19.1
11 7	1 36.63	+20 13.3	1.469	2.432	7.1	19.3
11 17	1 29.29	+19 4.5	1.513	2.428	11.2	19.5
11 27	1 24.60	+18 2.3	1.580	2.424	15.0	19.7

213143 2000 HX_{5} 10 23.0 40°.43 1°.7/21.7 18

9 18	2 14.37	+ 9 15.6	1.729	2.585	14.3	20.5
9 28	2 9.77	+ 8 40.2	1.665	2.591	10.6	20.2
10 8	2 3.07	+ 7 56.4	1.625	2.597	6.5	20.0
10 18	1 54.98	+ 7 8.8	1.610	2.603	2.4	19.8
10 28	1 46.51	+ 6 23.2	1.623	2.609	3.4	19.9
11 7	1 38.74	+ 5 45.5	1.663	2.616	7.5	20.1
11 17	1 32.54	+ 5 20.2	1.729	2.622	11.4	20.4
11 27	1 28.56	+ 5 10.4	1.817	2.629	14.7	20.6

449737 2014 NG_{39} 10 23.0 53°.16 1°.3/24.4 18

9 18	2 11.99	+18 55.2	2.095	2.919	13.4	20.6
9 28	2 7.76	+18 16.4	2.021	2.923	10.3	20.4
10 8	2 1.72	+17 22.6	1.969	2.928	6.7	20.2
10 18	1 54.52	+16 16.4	1.944	2.933	2.9	20.0
10 28	1 46.97	+15 2.7	1.947	2.937	2.0	19.9
11 7	1 40.00	+13 47.9	1.980	2.942	5.6	20.2
11 17	1 34.34	+12 38.4	2.040	2.947	9.2	20.4
11 27	1 30.59	+11 39.9	2.125	2.952	12.3	20.6

188901 2007 AO_{8} 10 23.0 232°.28 0°.0/22.9 18

9 18	2 13.49	+13 34.0	2.144	2.981	12.6	21.3
9 28	2 8.86	+13 6.0	2.066	2.979	9.5	21.1
10 8	2 2.42	+12 27.7	2.010	2.977	5.9	20.9
10 18	1 54.76	+11 41.8	1.982	2.975	2.0	20.6
10 28	1 46.71	+10 52.7	1.983	2.973	2.0	20.6
11 7	1 39.17	+10 5.6	2.012	2.970	6.0	20.9
11 17	1 32.89	+ 9 25.5	2.069	2.968	9.5	21.1
11 27	1 28.50	+ 8 56.2	2.151	2.966	12.6	21.3

391191 2006 DD_{50} 10 23.0 169°.94 5°.6/17.2 18

9 18	2 15.25	− 3 11.5	2.196	3.050	11.7	22.4
9 28	2 9.97	− 4 32.0	2.137	3.054	9.0	22.3
10 8	2 3.00	− 5 51.0	2.102	3.058	6.6	22.1
10 18	1 54.93	− 7 2.0	2.096	3.061	5.6	22.1
10 28	1 46.58	− 7 58.5	2.118	3.063	6.9	22.2
11 7	1 38.79	− 8 36.1	2.168	3.065	9.4	22.3
11 17	1 32.27	− 8 52.7	2.243	3.066	12.0	22.5
11 27	1 27.58	− 8 48.6	2.339	3.066	14.3	22.7

181656 2007 VM_{231} 10 23.0 71°.28 1°.2/24.0 18

9 18	2 15.03	+17 12.7	1.781	2.615	14.9	20.2
9 28	2 10.27	+16 48.6	1.715	2.624	11.4	20.0
10 8	2 3.39	+16 9.7	1.670	2.633	7.4	19.8
10 18	1 55.10	+15 18.6	1.651	2.642	3.0	19.5
10 28	1 46.44	+14 20.2	1.660	2.651	2.2	19.5
11 7	1 38.49	+13 21.3	1.697	2.660	6.4	19.8
11 17	1 32.15	+12 28.3	1.761	2.669	10.3	20.0
11 27	1 28.05	+11 46.7	1.848	2.678	13.8	20.3

215829 2005 AK_{61} 10 23.0 289°.81 1°.2/22.3 18

9 18	2 18.16	+10 33.8	1.345	2.207	17.3	20.6
9 28	2 13.38	+10 12.5	1.273	2.200	13.0	20.3
10 8	2 5.72	+ 9 39.6	1.221	2.194	8.1	20.0
10 18	1 55.99	+ 8 59.2	1.194	2.187	2.7	19.7
10 28	1 45.52	+ 8 17.5	1.192	2.181	3.5	19.7
11 7	1 35.81	+ 7 42.3	1.216	2.174	8.9	20.0
11 17	1 28.17	+ 7 19.8	1.264	2.168	13.9	20.3
11 27	1 23.48	+ 7 14.5	1.332	2.162	18.1	20.5

466966 2016 AT_{192} 10 23.0 343°.37 4°.9/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 37.73	+11 12.5	0.901	1.759	24.0	19.9
9 28	2 30.22	+13 44.3	0.833	1.753	18.9	19.6
10 8	2 17.46	+16 19.9	0.784	1.748	12.8	19.2
10 18	2 0.31	+18 49.2	0.756	1.744	6.5	18.9
10 28	1 41.04	+21 0.1	0.755	1.741	6.0	18.9
11 7	1 22.77	+22 45.5	0.778	1.738	12.0	19.2
11 17	1 8.26	+24 6.9	0.823	1.737	18.2	19.5
11 27	0 59.17	+25 13.4	0.887	1.736	23.4	19.8

239564 2008 SE_{285} 10 23.0 297°.06 8°.5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.23	− 9 1.7	1.603	2.460	15.2	19.9
9 28	2 14.50	− 9 44.3	1.532	2.445	12.2	19.7
10 8	2 6.21	−10 18.2	1.482	2.429	9.6	19.5
10 18	1 56.12	−10 35.4	1.458	2.414	8.5	19.4
10 28	1 45.41	−10 29.0	1.459	2.399	9.8	19.5
11 7	1 35.37	− 9 55.9	1.485	2.384	12.7	19.6
11 17	1 27.14	− 8 56.5	1.534	2.370	15.9	19.8
11 27	1 21.53	− 7 34.0	1.603	2.355	18.9	19.9

42147 2001 BW_{43} 10 23.0 230°.23 4°.7/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.19	− 1 13.0	2.486	3.343	10.5	19.2
9 28	2 6.88	− 2 35.1	2.414	3.336	8.0	19.0
10 8	2 1.08	− 3 58.0	2.368	3.328	5.7	18.8
10 18	1 54.31	− 5 16.1	2.351	3.320	4.7	18.8
10 28	1 47.22	− 6 23.1	2.362	3.312	6.0	18.8
11 7	1 40.53	− 7 14.6	2.402	3.304	8.4	19.0
11 17	1 34.87	− 7 47.6	2.467	3.295	10.9	19.1
11 27	1 30.76	− 8 1.1	2.554	3.286	13.1	19.3

286723 2002 GP_{110} 10 23.0 150°.87 2°.7/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.22	+ 6 8.6	2.018	2.868	12.8	21.5
9 28	2 10.85	+ 5 20.3	1.953	2.875	9.5	21.3
10 8	2 3.61	+ 4 26.7	1.911	2.881	5.9	21.1
10 18	1 55.16	+ 3 32.6	1.898	2.887	2.9	20.9
10 28	1 46.40	+ 2 43.7	1.913	2.892	4.1	21.0
11 7	1 38.25	+ 2 5.2	1.957	2.897	7.5	21.2
11 17	1 31.51	+ 1 40.7	2.027	2.902	10.9	21.4
11 27	1 26.77	+ 1 32.3	2.121	2.906	13.8	21.6

227301 2005 SU_{261} 10 23.0 332°.62 2°.7/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.62	+ 7 32.0	1.404	2.272	16.3	20.3
9 28	2 11.26	+ 6 51.2	1.336	2.268	12.2	20.0
10 8	2 4.27	+ 6 1.6	1.290	2.264	7.5	19.8
10 18	1 55.47	+ 5 8.9	1.268	2.260	3.2	19.5
10 28	1 46.07	+ 4 20.8	1.272	2.256	4.6	19.6
11 7	1 37.43	+ 3 44.6	1.302	2.253	9.3	19.9
11 17	1 30.70	+ 3 25.6	1.355	2.250	13.8	20.1
11 27	1 26.66	+ 3 26.6	1.429	2.247	17.7	20.4

73485 2002 PA_{73} 10 23.0 250°.62 4°.6/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 10.52	− 0 1.8	2.337	3.197	10.9	19.1
9 28	2 6.44	− 1 24.1	2.270	3.194	8.2	19.0
10 8	2 0.83	− 2 47.8	2.229	3.192	5.7	18.8
10 18	1 54.22	− 4 6.8	2.216	3.190	4.6	18.7
10 28	1 47.32	− 5 15.0	2.232	3.187	5.9	18.8
11 7	1 40.87	− 6 7.3	2.276	3.185	8.4	19.0
11 17	1 35.51	− 6 40.8	2.345	3.183	11.0	19.2
11 27	1 31.76	− 6 54.6	2.437	3.180	13.4	19.3

90795 1994 ST_{2} 10 23.0 102°.73 3°.3/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.98	+22 18.6	2.226	3.023	13.5	20.1
9 28	2 11.48	+22 34.8	2.151	3.032	10.7	19.9
10 8	2 4.05	+22 36.8	2.098	3.040	7.6	19.8
10 18	1 55.34	+22 24.4	2.072	3.048	4.5	19.6
10 28	1 46.21	+21 59.6	2.074	3.056	3.4	19.5
11 7	1 37.64	+21 26.3	2.105	3.064	5.6	19.7
11 17	1 30.45	+20 49.6	2.164	3.071	8.7	19.9
11 27	1 25.27	+20 15.0	2.248	3.079	11.6	20.1

59852 1999 RN_{82} 10 23.0 311°.07 4°.0/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.55	+24 23.3	2.156	2.949	14.1	18.8
9 28	2 10.59	+24 38.5	2.072	2.948	11.3	18.6
10 8	2 3.61	+24 37.7	2.010	2.946	8.2	18.4
10 18	1 55.22	+24 20.4	1.974	2.945	5.3	18.3
10 28	1 46.33	+23 48.1	1.965	2.944	4.0	18.2
11 7	1 37.94	+23 5.1	1.984	2.943	6.0	18.3
11 17	1 30.94	+22 17.2	2.031	2.941	9.1	18.5
11 27	1 26.02	+21 30.6	2.103	2.940	12.1	18.7

515401 2013 GS_{133} 10 23.0 166°.26 1°.5/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.05	+ 9 14.2	2.578	3.417	10.7	22.6
9 28	2 8.16	+ 8 23.7	2.504	3.422	7.9	22.4
10 8	2 1.83	+ 7 26.7	2.456	3.425	4.8	22.2
10 18	1 54.56	+ 6 26.8	2.437	3.429	1.9	22.0
10 28	1 47.02	+ 5 28.6	2.448	3.432	2.7	22.1
11 7	1 39.94	+ 4 36.6	2.489	3.434	5.8	22.3
11 17	1 33.92	+ 3 54.7	2.558	3.436	8.8	22.5
11 27	1 29.45	+ 3 25.5	2.652	3.438	11.3	22.7

148286 2000 GN_{164} 10 23.0 295°.97 0°.2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.33	+14 11.5	1.447	2.302	16.6	20.2
9 28	2 10.53	+13 32.7	1.358	2.281	12.7	19.9
10 8	2 4.02	+12 36.5	1.290	2.260	8.0	19.6
10 18	1 55.46	+11 26.3	1.246	2.239	2.7	19.2
10 28	1 46.04	+10 9.2	1.228	2.218	2.9	19.2
11 7	1 37.15	+ 8 54.6	1.237	2.197	8.5	19.5
11 17	1 30.06	+ 7 51.7	1.270	2.177	13.6	19.7
11 27	1 25.73	+ 7 7.6	1.323	2.157	18.0	19.9

516318 2017 AX_{5} 10 23.0 347°.10 3°.7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.62	+ 2 52.5	1.832	2.693	13.4	20.8
9 28	2 9.90	+ 2 15.3	1.764	2.691	10.0	20.6
10 8	2 3.16	+ 1 35.8	1.719	2.689	6.4	20.4
10 18	1 55.05	+ 0 58.8	1.701	2.687	3.8	20.3
10 28	1 46.54	+ 0 30.2	1.710	2.686	5.1	20.3
11 7	1 38.62	+ 0 14.5	1.747	2.684	8.5	20.5
11 17	1 32.18	+ 0 14.5	1.809	2.683	12.0	20.8
11 27	1 27.85	+ 0 31.4	1.892	2.683	15.1	21.0

517152 2013 KE_{16} 10 23.0 98°.38 2°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.07	+21 17.7	2.335	3.142	12.7	21.0
9 28	2 8.39	+20 50.9	2.263	3.153	9.9	20.8
10 8	2 2.05	+20 9.4	2.214	3.164	6.7	20.6
10 18	1 54.65	+19 15.2	2.191	3.174	3.5	20.4
10 28	1 46.97	+18 11.8	2.197	3.185	2.3	20.4
11 7	1 39.85	+17 4.8	2.233	3.196	5.1	20.6
11 17	1 33.97	+15 59.8	2.298	3.206	8.3	20.8
11 27	1 29.87	+15 2.2	2.388	3.216	11.1	21.0

436610 2011 KK_{27} 10 23.0 78°.85 3°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.92	+22 56.8	1.678	2.490	16.7	20.6
9 28	2 12.48	+22 38.0	1.622	2.513	13.0	20.4
10 8	2 4.74	+21 58.9	1.587	2.536	9.0	20.2
10 18	1 55.56	+21 1.3	1.577	2.558	4.9	20.0
10 28	1 46.12	+19 50.2	1.595	2.581	3.4	20.0
11 7	1 37.61	+18 33.3	1.640	2.603	6.5	20.2
11 17	1 30.96	+17 19.2	1.712	2.625	10.3	20.5
11 27	1 26.78	+16 14.9	1.808	2.646	13.7	20.8

438613 2007 VE_{327} 10 23.0 22°.38 6°.0/28.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.04	+30 20.4	1.495	2.293	19.0	20.0
9 28	2 8.65	+30 1.5	1.427	2.299	15.7	19.8
10 8	2 2.66	+29 12.6	1.378	2.307	11.9	19.6
10 18	1 54.93	+27 53.6	1.350	2.315	8.1	19.4
10 28	1 46.73	+26 9.2	1.347	2.324	6.0	19.3
11 7	1 39.41	+24 9.5	1.371	2.333	7.6	19.5
11 17	1 34.06	+22 6.9	1.420	2.343	11.1	19.7
11 27	1 31.39	+20 13.3	1.493	2.354	14.8	20.0

303096 2004 BB_{54} 10 23.0 11°.87 4°.5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.44	+ 1 45.1	1.735	2.601	13.8	20.5
9 28	2 9.83	+ 0 51.0	1.673	2.601	10.4	20.3
10 8	2 3.13	− 0 5.3	1.634	2.602	6.8	20.1
10 18	1 55.06	− 0 57.2	1.620	2.603	4.6	19.9
10 28	1 46.59	− 1 38.2	1.634	2.604	6.0	20.0
11 7	1 38.78	− 2 3.1	1.675	2.605	9.3	20.2
11 17	1 32.52	− 2 8.8	1.740	2.607	12.8	20.4
11 27	1 28.45	− 1 54.8	1.826	2.609	15.8	20.7

69869 Haining 10 23.0 327°.91 2°.5/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.79	+17 29.0	1.926	2.751	14.3	18.7
9 28	2 11.77	+17 59.1	1.838	2.740	11.2	18.5
10 8	2 4.51	+18 18.2	1.772	2.728	7.6	18.3
10 18	1 55.60	+18 25.9	1.732	2.718	3.8	18.0
10 28	1 46.01	+18 23.5	1.720	2.708	2.9	17.9
11 7	1 36.86	+18 14.4	1.736	2.698	6.3	18.1
11 17	1 29.17	+18 3.0	1.778	2.688	10.1	18.3
11 27	1 23.74	+17 54.5	1.845	2.680	13.6	18.6

374735 2006 SM_{96} 10 23.0 246°.59 1°.2/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.57	+12 32.7	1.532	2.387	15.9	21.0
9 28	2 11.10	+11 37.1	1.457	2.381	12.0	20.7
10 8	2 4.15	+10 26.4	1.404	2.375	7.4	20.4
10 18	1 55.46	+ 9 5.9	1.376	2.369	2.5	20.1
10 28	1 46.19	+ 7 43.5	1.375	2.363	3.3	20.2
11 7	1 37.62	+ 6 28.4	1.401	2.356	8.3	20.5
11 17	1 30.82	+ 5 28.3	1.452	2.350	12.9	20.7
11 27	1 26.59	+ 4 48.4	1.525	2.343	16.8	21.0

148656 2001 SW_{123} 10 23.0 99°.06 4°.3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.27	+23 27.4	1.615	2.425	17.3	20.3
9 28	2 13.85	+23 39.9	1.546	2.434	13.8	20.1
10 8	2 5.83	+23 32.2	1.498	2.442	9.8	19.9
10 18	1 56.02	+23 3.9	1.474	2.451	5.9	19.7
10 28	1 45.68	+22 17.8	1.476	2.459	4.4	19.6
11 7	1 36.16	+21 20.5	1.506	2.467	7.1	19.8
11 17	1 28.59	+20 20.3	1.561	2.475	11.0	20.0
11 27	1 23.73	+19 25.4	1.640	2.483	14.6	20.3

438000 2003 UG_{176} 10 23.0 39°.65 0°.7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.58	+14 33.3	1.348	2.203	17.6	20.6
9 28	2 11.87	+14 23.2	1.299	2.221	13.3	20.4
10 8	2 4.54	+13 58.7	1.271	2.239	8.3	20.1
10 18	1 55.54	+13 22.8	1.266	2.258	3.1	19.9
10 28	1 46.21	+12 41.5	1.287	2.278	2.5	19.9
11 7	1 37.89	+12 2.0	1.334	2.298	7.6	20.3
11 17	1 31.65	+11 30.6	1.406	2.319	12.1	20.6
11 27	1 28.15	+11 12.3	1.499	2.340	15.9	20.9

309896 2009 DR_{141} 10 23.0 89°.44 0°.5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.38	+14 9.4	1.932	2.768	13.9	21.3
9 28	2 11.15	+13 58.2	1.864	2.776	10.5	21.1
10 8	2 3.90	+13 36.3	1.819	2.784	6.6	20.9
10 18	1 55.32	+13 6.0	1.800	2.792	2.4	20.7
10 28	1 46.37	+12 31.1	1.810	2.800	2.0	20.7
11 7	1 38.06	+11 56.8	1.848	2.808	6.2	21.0
11 17	1 31.25	+11 28.0	1.913	2.816	10.0	21.2
11 27	1 26.57	+11 8.6	2.002	2.824	13.2	21.4

106892 2000 YK_{41} 10 23.0 339°.04 6°.4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.36	+ 1 48.4	1.112	2.002	17.9	18.9
9 28	2 10.11	+ 0 38.5	1.051	1.993	13.6	18.6
10 8	2 3.83	− 0 36.2	1.011	1.984	9.1	18.3
10 18	1 55.41	− 1 45.4	0.992	1.976	6.4	18.2
10 28	1 46.27	− 2 37.6	0.997	1.969	8.4	18.2
11 7	1 38.00	− 3 4.3	1.025	1.964	12.8	18.5
11 17	1 31.94	− 3 1.5	1.073	1.959	17.4	18.7
11 27	1 28.96	− 2 29.6	1.138	1.955	21.4	19.0

284296 2006 KD_{109} 10 23.0 226°.30 0°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.82	+14 58.3	1.927	2.760	14.0	21.3
9 28	2 11.64	+14 43.9	1.844	2.754	10.7	21.1
10 8	2 4.32	+14 17.5	1.784	2.748	6.8	20.9
10 18	1 55.51	+13 41.2	1.751	2.742	2.6	20.6
10 28	1 46.17	+12 58.8	1.746	2.736	2.1	20.5
11 7	1 37.36	+12 16.0	1.769	2.729	6.4	20.8
11 17	1 30.03	+11 38.3	1.819	2.722	10.4	21.0
11 27	1 24.90	+11 10.6	1.894	2.715	13.8	21.2

437248 2012 XA_{50} 10 23.0 29°.63 2°.8/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.90	+ 7 20.8	1.317	2.191	16.8	19.8
9 28	2 10.64	+ 6 42.5	1.267	2.201	12.5	19.6
10 8	2 3.81	+ 5 56.6	1.237	2.211	7.7	19.3
10 18	1 55.32	+ 5 9.0	1.231	2.223	3.3	19.1
10 28	1 46.44	+ 4 27.5	1.251	2.235	4.6	19.2
11 7	1 38.51	+ 3 58.6	1.296	2.249	9.2	19.5
11 17	1 32.58	+ 3 46.7	1.365	2.262	13.5	19.8
11 27	1 29.33	+ 3 53.8	1.454	2.277	17.2	20.1

19225 1993 RX_{5} 10 23.0 69°.49 0°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.84	+13 24.2	1.253	2.112	18.4	19.1
9 28	2 13.65	+12 42.9	1.206	2.131	13.8	18.8
10 8	2 5.67	+11 46.2	1.179	2.151	8.5	18.6
10 18	1 55.94	+10 39.8	1.176	2.170	2.8	18.3
10 28	1 45.91	+ 9 31.9	1.200	2.189	3.1	18.4
11 7	1 37.05	+ 8 31.9	1.249	2.209	8.5	18.8
11 17	1 30.45	+ 7 46.8	1.322	2.228	13.2	19.1
11 27	1 26.77	+ 7 21.0	1.416	2.247	17.1	19.4

353545 2011 SE_{180} 10 23.0 60°.16 0°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.66	+15 9.4	1.793	2.634	14.5	20.7
9 28	2 9.27	+14 26.6	1.724	2.639	11.0	20.5
10 8	2 2.81	+13 29.8	1.678	2.645	6.8	20.2
10 18	1 54.98	+12 22.9	1.657	2.650	2.4	20.0
10 28	1 46.78	+11 11.7	1.665	2.655	2.2	20.0
11 7	1 39.24	+10 3.7	1.701	2.661	6.6	20.3
11 17	1 33.24	+ 9 5.3	1.763	2.666	10.7	20.5
11 27	1 29.40	+ 8 21.5	1.849	2.672	14.1	20.8

362821 2011 YL_{77} 10 23.0 37°.03 0°.1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.61	+12 46.9	1.907	2.750	13.7	20.6
9 28	2 9.88	+12 29.2	1.838	2.754	10.3	20.4
10 8	2 3.15	+12 1.5	1.791	2.758	6.4	20.2
10 18	1 55.11	+11 26.6	1.770	2.763	2.2	19.9
10 28	1 46.66	+10 48.8	1.777	2.767	2.2	19.9
11 7	1 38.82	+10 13.4	1.813	2.772	6.4	20.2
11 17	1 32.44	+ 9 45.2	1.875	2.777	10.2	20.4
11 27	1 28.14	+ 9 27.9	1.961	2.782	13.5	20.7

407003 2009 RF_{59} 10 23.0 314°.40 2°.1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 10.97	+ 8 32.4	2.066	2.920	12.3	20.2
9 28	2 7.05	+ 7 32.4	1.988	2.913	9.2	20.0
10 8	2 1.38	+ 6 24.1	1.935	2.906	5.6	19.8
10 18	1 54.51	+ 5 12.3	1.908	2.900	2.4	19.6
10 28	1 47.25	+ 4 3.3	1.911	2.893	3.6	19.7
11 7	1 40.46	+ 3 3.3	1.941	2.887	7.2	19.9
11 17	1 34.91	+ 2 17.2	1.998	2.880	10.7	20.1
11 27	1 31.20	+ 1 48.1	2.078	2.874	13.7	20.3

173159 1996 TS_{39} 10 23.0 24°.79 2°.9/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.39	+ 8 27.5	1.007	1.895	19.6	19.3
9 28	2 10.89	+ 7 43.2	0.962	1.904	14.6	19.0
10 8	2 4.24	+ 6 47.7	0.936	1.913	8.9	18.8
10 18	1 55.52	+ 5 48.8	0.932	1.924	3.6	18.5
10 28	1 46.34	+ 4 56.5	0.951	1.937	5.1	18.7
11 7	1 38.35	+ 4 19.8	0.992	1.950	10.5	19.0
11 17	1 32.81	+ 4 4.3	1.055	1.964	15.6	19.3
11 27	1 30.45	+ 4 11.9	1.137	1.979	19.7	19.7

239420 2007 TW_{106} 10 23.0 102°.15 0°.6/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.91	+15 6.4	1.869	2.703	14.3	20.5
9 28	2 11.59	+14 48.2	1.804	2.714	10.9	20.3
10 8	2 4.20	+14 17.7	1.761	2.725	6.9	20.1
10 18	1 55.46	+13 37.7	1.745	2.736	2.6	19.9
10 28	1 46.37	+12 52.5	1.756	2.747	2.1	19.9
11 7	1 37.97	+12 7.9	1.797	2.757	6.3	20.2
11 17	1 31.15	+11 29.4	1.864	2.768	10.1	20.4
11 27	1 26.52	+11 1.5	1.955	2.778	13.4	20.7

146287 2001 FS_{180} 10 23.0 90°.92 1°.9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.34	+ 9 5.9	1.557	2.409	15.8	20.2
9 28	2 14.23	+ 8 24.0	1.510	2.433	11.7	20.0
10 8	2 5.80	+ 7 33.7	1.486	2.457	7.1	19.8
10 18	1 55.97	+ 6 40.5	1.488	2.480	2.7	19.6
10 28	1 45.94	+ 5 50.8	1.517	2.503	3.7	19.7
11 7	1 36.91	+ 5 11.1	1.574	2.525	8.0	20.1
11 17	1 29.81	+ 4 45.8	1.657	2.547	12.0	20.4
11 27	1 25.24	+ 4 37.3	1.762	2.568	15.4	20.6

321129 2008 UC_{82} 10 23.0 128°.12 1°.6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.28	+17 48.5	1.975	2.795	14.2	21.1
9 28	2 12.55	+17 36.9	1.907	2.807	10.9	20.9
10 8	2 4.78	+17 11.6	1.861	2.818	7.1	20.7
10 18	1 55.66	+16 34.4	1.841	2.829	3.2	20.5
10 28	1 46.19	+15 49.2	1.850	2.840	2.2	20.5
11 7	1 37.40	+15 1.3	1.888	2.850	5.9	20.7
11 17	1 30.16	+14 16.5	1.954	2.859	9.7	21.0
11 27	1 25.09	+13 40.2	2.045	2.869	12.9	21.2

71941 2000 WS_{80} 10 23.0 174°.76 0°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.41	+12 3.8	1.553	2.399	16.1	19.6
9 28	2 14.70	+11 50.1	1.482	2.401	12.2	19.4
10 8	2 6.38	+11 25.2	1.433	2.402	7.6	19.1
10 18	1 56.27	+10 51.9	1.410	2.403	2.5	18.8
10 28	1 45.58	+10 15.5	1.413	2.403	2.7	18.8
11 7	1 35.66	+ 9 42.1	1.444	2.403	7.7	19.2
11 17	1 27.64	+ 9 17.6	1.501	2.403	12.3	19.4
11 27	1 22.32	+ 9 6.4	1.580	2.402	16.1	19.7

490521 2009 UQ_{128} 10 23.0 318°.23 0°.2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 10.96	+14 35.9	2.142	2.981	12.6	21.3
9 28	2 7.02	+13 44.1	2.061	2.976	9.5	21.1
10 8	2 1.35	+12 40.0	2.004	2.971	5.9	20.8
10 18	1 54.51	+11 27.0	1.974	2.967	2.0	20.6
10 28	1 47.30	+10 10.6	1.973	2.962	2.1	20.6
11 7	1 40.57	+ 8 57.3	2.001	2.958	6.0	20.8
11 17	1 35.06	+ 7 53.0	2.056	2.954	9.6	21.0
11 27	1 31.36	+ 7 2.4	2.136	2.950	12.7	21.2

222222 2000 FK_{15} 10 23.0 282°.30 0°.3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 27.36	+ 8 28.1	1.544	2.385	16.5	19.4
9 28	2 20.14	+ 9 11.8	1.466	2.381	12.5	19.2
10 8	2 9.93	+ 9 52.2	1.409	2.376	7.9	18.9
10 18	1 57.55	+10 29.3	1.379	2.371	2.7	18.6
10 28	1 44.31	+11 4.5	1.377	2.367	2.8	18.6
11 7	1 31.78	+11 39.5	1.404	2.362	8.0	18.9
11 17	1 21.30	+12 16.7	1.458	2.358	12.7	19.1
11 27	1 13.83	+12 59.0	1.535	2.353	16.7	19.4

343327 2010 CL_{8} 10 23.0 250°.49 0°.6/22.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.11	+13 16.0	2.049	2.886	13.1	21.4
9 28	2 10.32	+12 28.3	1.955	2.869	9.9	21.2
10 8	2 3.53	+11 27.8	1.884	2.851	6.2	20.9
10 18	1 55.30	+10 18.2	1.840	2.833	2.0	20.6
10 28	1 46.52	+ 9 4.8	1.826	2.815	2.5	20.6
11 7	1 38.16	+ 7 54.6	1.841	2.795	6.7	20.9
11 17	1 31.11	+ 6 53.9	1.883	2.776	10.7	21.1
11 27	1 26.09	+ 6 7.7	1.949	2.756	14.1	21.3

159225 2005 WM_{195} 10 23.0 223°.89 6°.5/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.03	−10 42.7	2.698	3.539	10.2	20.3
9 28	2 8.91	−11 40.3	2.632	3.531	8.3	20.1
10 8	2 2.35	−12 31.7	2.591	3.522	6.9	20.0
10 18	1 54.84	−13 11.7	2.577	3.513	6.5	20.0
10 28	1 47.04	−13 36.0	2.591	3.504	7.5	20.0
11 7	1 39.64	−13 41.8	2.632	3.494	9.3	20.1
11 17	1 33.27	−13 28.3	2.697	3.484	11.2	20.3
11 27	1 28.42	−12 56.6	2.784	3.473	13.0	20.4

301526 2009 FV_{28} 10 23.0 2.°92 1.°9/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.57	+ 7 29.8	1.790	2.644	14.0	21.1
9 28	2 11.48	+ 7 10.3	1.720	2.644	10.5	20.9
10 8	2 4.23	+ 6 44.9	1.673	2.643	6.4	20.6
10 18	1 55.53	+ 6 17.3	1.652	2.644	2.5	20.4
10 28	1 46.38	+ 5 52.3	1.658	2.644	3.5	20.4
11 7	1 37.85	+ 5 34.7	1.693	2.644	7.5	20.7
11 17	1 30.88	+ 5 28.2	1.754	2.645	11.4	20.9
11 27	1 26.14	+ 5 35.2	1.837	2.645	14.7	21.2

326 Tamara 10 23.0 96.°52 0.°9/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 31.63	+ 7 10.7	1.551	2.385	16.7	13.1
9 28	2 22.85	+ 7 48.7	1.494	2.406	12.6	12.9
10 8	2 11.28	+ 8 23.0	1.460	2.426	7.8	12.7
10 18	1 57.90	+ 8 54.4	1.453	2.446	2.6	12.4
10 28	1 44.15	+ 9 24.4	1.476	2.465	2.9	12.5
11 7	1 31.52	+ 9 55.3	1.529	2.484	7.8	12.8
11 17	1 21.19	+10 29.4	1.609	2.502	12.1	13.1
11 27	1 13.88	+11 8.9	1.713	2.520	15.7	13.4

446660 2015 NP_{12} 10 23.1 7.°16 7.°9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.24	+29 45.7	1.457	2.255	19.4	20.5
9 28	2 11.40	+30 36.4	1.388	2.255	16.3	20.3
10 8	2 4.65	+31 2.2	1.336	2.257	12.8	20.1
10 18	1 55.78	+30 59.1	1.306	2.260	9.5	19.9
10 28	1 46.14	+30 27.4	1.299	2.264	7.9	19.8
11 7	1 37.29	+29 32.4	1.316	2.269	9.1	19.9
11 17	1 30.54	+28 23.7	1.358	2.275	12.1	20.1
11 27	1 26.80	+27 12.3	1.422	2.282	15.4	20.3

202291 2005 CV_{22} 10 23.1 337.°90 4.°7/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.34	+ 3 24.4	1.212	2.099	17.1	18.9
9 28	2 9.31	+ 2 48.1	1.141	2.081	12.9	18.6
10 8	2 3.41	+ 2 7.0	1.089	2.064	8.4	18.3
10 18	1 55.38	+ 1 28.2	1.060	2.048	4.9	18.1
10 28	1 46.53	+ 1 0.2	1.054	2.034	6.5	18.2
11 7	1 38.34	+ 0 50.3	1.072	2.021	11.2	18.4
11 17	1 32.16	+ 1 2.6	1.112	2.009	15.9	18.6
11 27	1 28.93	+ 1 38.1	1.170	1.999	20.1	18.8

363703 2004 TE_{314} 10 23.1 68.°10 2.°4/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.16	+18 43.1	1.179	2.025	20.2	21.0
9 28	2 15.68	+18 35.8	1.132	2.046	15.5	20.8
10 8	2 7.09	+18 7.2	1.104	2.066	10.2	20.5
10 18	1 56.52	+17 19.8	1.098	2.087	4.7	20.3
10 28	1 45.58	+16 19.9	1.117	2.107	3.2	20.3
11 7	1 35.93	+15 17.3	1.162	2.128	8.1	20.6
11 17	1 28.80	+14 21.4	1.231	2.148	13.0	21.0
11 27	1 24.91	+13 39.9	1.321	2.169	17.2	21.3

275856 2001 SN_{141} 10 23.1 316.°86 3.°3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.91	+20 4.0	1.455	2.289	17.7	20.2
9 28	2 12.53	+20 17.3	1.375	2.280	14.0	20.0
10 8	2 5.32	+20 12.4	1.316	2.272	9.6	19.7
10 18	1 56.03	+19 48.6	1.279	2.264	5.1	19.4
10 28	1 45.91	+19 9.0	1.268	2.256	3.7	19.3
11 7	1 36.46	+18 20.2	1.284	2.249	7.6	19.5
11 17	1 28.96	+17 30.4	1.324	2.242	12.2	19.8
11 27	1 24.36	+16 47.9	1.385	2.235	16.4	20.0

37451 4280 *P–L* 10 23.1 94.°97 1.°1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.97	+16 5.7	1.695	2.530	15.5	19.6
9 28	2 12.61	+15 51.9	1.631	2.541	11.8	19.4
10 8	2 4.96	+15 24.1	1.589	2.552	7.6	19.2
10 18	1 55.79	+14 44.7	1.572	2.563	3.0	18.9
10 28	1 46.22	+13 58.4	1.583	2.574	2.2	18.9
11 7	1 37.43	+13 11.5	1.622	2.584	6.7	19.2
11 17	1 30.39	+12 30.2	1.688	2.595	10.8	19.5
11 27	1 25.77	+11 59.9	1.776	2.605	14.3	19.7

482577 2012 XV_{36} 10 23.1 328.°65 2.°3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.71	+19 13.0	1.373	2.222	17.7	20.6
9 28	2 8.74	+18 59.1	1.289	2.205	13.9	20.4
10 8	2 3.03	+18 24.1	1.225	2.188	9.3	20.1
10 18	1 55.26	+17 29.2	1.184	2.173	4.4	19.7
10 28	1 46.65	+16 19.6	1.168	2.158	3.0	19.6
11 7	1 38.64	+15 4.1	1.177	2.144	7.8	19.9
11 17	1 32.52	+13 52.8	1.210	2.131	12.8	20.1
11 27	1 29.23	+12 54.8	1.264	2.119	17.3	20.4

339143 2004 TD_5 10 23.1 101.°40 0.°3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.38	+12 28.9	1.711	2.551	15.2	20.5
9 28	2 14.45	+12 35.7	1.643	2.557	11.5	20.3
10 8	2 6.14	+12 33.1	1.597	2.563	7.2	20.1
10 18	1 56.21	+12 22.6	1.577	2.569	2.6	19.8
10 28	1 45.80	+12 7.8	1.585	2.575	2.3	19.8
11 7	1 36.11	+11 53.2	1.621	2.581	6.9	20.1
11 17	1 28.18	+11 43.4	1.684	2.587	11.1	20.4
11 27	1 22.74	+11 42.3	1.770	2.593	14.6	20.6

440817 2006 QK_{149} 10 23.1 6.°23 4.°8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.15	+22 18.7	1.657	2.470	16.8	21.0
9 28	2 13.92	+23 6.6	1.582	2.470	13.5	20.7
10 8	2 6.04	+23 38.4	1.528	2.471	9.7	20.5
10 18	1 56.24	+23 51.9	1.498	2.472	6.1	20.3
10 28	1 45.73	+23 47.5	1.494	2.474	4.8	20.3
11 7	1 35.86	+23 29.1	1.517	2.476	7.4	20.4
11 17	1 27.84	+23 3.0	1.566	2.479	11.0	20.6
11 27	1 22.52	+22 36.7	1.638	2.482	14.5	20.9

440047 2002 QZ_{80} 10 23.1 350.°30 10.°8/13.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 8.91	− 8 32.3	1.281	2.170	16.2	20.6
9 28	2 6.39	−10 35.7	1.232	2.161	13.3	20.4
10 8	2 1.37	−12 31.8	1.204	2.153	11.2	20.3
10 18	1 54.62	−14 7.2	1.199	2.146	11.0	20.2
10 28	1 47.36	−15 10.5	1.217	2.141	12.9	20.3
11 7	1 40.88	−15 35.5	1.255	2.137	15.8	20.5
11 17	1 36.22	−15 21.6	1.312	2.135	18.9	20.7
11 27	1 34.13	−14 32.6	1.385	2.134	21.6	20.9

67699 2000 ST_{369} 10 23.1 81.°22 4.°7/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.84	+ 3 35.4	1.294	2.163	17.3	18.9
9 28	2 14.95	+ 2 35.0	1.254	2.184	12.9	18.7
10 8	2 6.40	+ 1 31.3	1.235	2.206	8.2	18.5
10 18	1 56.25	+ 0 32.4	1.240	2.227	4.9	18.4
10 28	1 45.89	− 0 13.2	1.272	2.248	6.4	18.6
11 7	1 36.71	− 0 39.5	1.329	2.268	10.5	18.9
11 17	1 29.75	− 0 43.7	1.410	2.288	14.5	19.2
11 27	1 25.63	− 0 26.2	1.511	2.308	17.9	19.4

315012 Hutchings 10 23.1 204.°88 0.°2/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.98	+14 48.8	2.468	3.295	11.5	21.6
9 28	2 8.33	+14 12.6	2.384	3.292	8.7	21.4
10 8	2 2.10	+13 26.0	2.324	3.288	5.4	21.2
10 18	1 54.81	+12 31.5	2.293	3.285	1.9	20.9
10 28	1 47.18	+11 33.3	2.290	3.281	1.7	20.9
11 7	1 39.97	+10 36.3	2.318	3.276	5.3	21.1
11 17	1 33.86	+ 9 45.2	2.375	3.271	8.6	21.3
11 27	1 29.41	+ 9 4.1	2.456	3.267	11.4	21.5

30160 Danielbruce 10 23.1 186.°20 0.°2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.60	+14 30.1	1.845	2.680	14.5	20.1
9 28	2 12.27	+14 0.1	1.768	2.680	11.0	19.9
10 8	2 4.75	+13 17.2	1.714	2.680	6.9	19.6
10 18	1 55.75	+12 24.4	1.687	2.679	2.4	19.3
10 28	1 46.27	+11 26.9	1.687	2.678	2.2	19.3
11 7	1 37.41	+10 31.0	1.717	2.676	6.7	19.6
11 17	1 30.12	+ 9 43.1	1.773	2.673	10.8	19.9
11 27	1 25.10	+ 9 8.0	1.853	2.671	14.3	20.1

84255 2002 SF_{45} 10 23.1 337.°15 1.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.84	+11 3.1	1.474	2.340	15.8	19.5
9 28	2 8.47	+10 25.8	1.398	2.328	11.9	19.3
10 8	2 2.65	+ 9 36.0	1.344	2.317	7.3	19.0
10 18	1 55.09	+ 8 38.4	1.314	2.307	2.5	18.7
10 28	1 46.89	+ 7 39.8	1.310	2.298	3.4	18.7
11 7	1 39.30	+ 6 48.4	1.331	2.289	8.3	19.0
11 17	1 33.43	+ 6 10.7	1.377	2.282	12.9	19.2
11 27	1 30.08	+ 5 51.4	1.444	2.275	16.9	19.5

346507 2008 UZ_{127} 10 23.1 264.°25 0.°7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.78	+16 16.8	2.035	2.863	13.6	20.5
9 28	2 10.97	+15 44.8	1.933	2.840	10.4	20.3
10 8	2 4.04	+14 58.4	1.854	2.817	6.7	20.0
10 18	1 55.55	+13 59.7	1.802	2.793	2.6	19.7
10 28	1 46.41	+12 53.1	1.778	2.768	2.1	19.6
11 7	1 37.63	+11 45.0	1.783	2.743	6.4	19.8
11 17	1 30.19	+10 42.2	1.816	2.718	10.5	20.0
11 27	1 24.83	+ 9 50.8	1.874	2.692	14.1	20.2

432959 2012 JQ_{20} 10 23.1 67.°90 2.°6/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.40	+ 6 10.0	1.364	2.226	17.0	20.3
9 28	2 15.46	+ 5 55.2	1.313	2.240	12.7	20.1
10 8	2 6.82	+ 5 35.3	1.282	2.254	7.8	19.9
10 18	1 56.44	+ 5 14.8	1.277	2.268	3.3	19.6
10 28	1 45.69	+ 4 59.4	1.298	2.283	4.4	19.7
11 7	1 35.98	+ 4 54.2	1.345	2.297	9.0	20.1
11 17	1 28.42	+ 5 2.5	1.417	2.311	13.4	20.4
11 27	1 23.72	+ 5 25.7	1.510	2.326	17.0	20.6

280178 2002 RK_{128} 10 23.1 358.°32 7.°3/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.09	+30 25.4	1.432	2.232	19.6	19.4
9 28	2 9.06	+30 44.1	1.358	2.229	16.4	19.2
10 8	2 3.19	+30 34.3	1.302	2.226	12.8	19.0
10 18	1 55.31	+29 53.5	1.266	2.225	9.2	18.8
10 28	1 46.71	+28 43.6	1.254	2.225	7.3	18.7
11 7	1 38.89	+27 12.3	1.267	2.226	8.6	18.7
11 17	1 33.11	+25 30.9	1.304	2.227	11.9	18.9
11 27	1 30.23	+23 52.0	1.364	2.230	15.6	19.2

91525 1999 RA_{189} 10 23.1 48°.64 3°.9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 11.90	+ 3 37.6	1.950	2.813	12.6	19.1
9 28	2 7.74	+ 2 24.7	1.891	2.819	9.4	19.0
10 8	2 1.79	+ 1 8.1	1.857	2.826	6.1	18.8
10 18	1 54.71	− 0 6.0	1.850	2.834	3.9	18.7
10 28	1 47.34	− 1 10.7	1.871	2.841	5.3	18.8
11 7	1 40.56	− 2 0.3	1.919	2.848	8.4	19.0
11 17	1 35.12	− 2 31.4	1.992	2.856	11.6	19.2
11 27	1 31.58	− 2 42.6	2.088	2.864	14.3	19.4

99542 2002 ED_{99} 10 23.1 166°.63 2°.3/24.7 18

9 18	2 21.58	+18 26.5	1.675	2.497	16.3	20.4
9 28	2 15.54	+18 29.6	1.601	2.501	12.6	20.2
10 8	2 6.93	+18 17.1	1.548	2.504	8.4	19.9
10 18	1 56.54	+17 49.6	1.520	2.507	4.0	19.7
10 28	1 45.56	+17 10.4	1.521	2.510	2.8	19.6
11 7	1 35.32	+16 25.7	1.549	2.511	6.9	19.9
11 17	1 26.95	+15 42.4	1.604	2.513	11.2	20.1
11 27	1 21.23	+15 7.1	1.683	2.513	14.9	20.4

14556 1997 VN_{1} 10 23.1 352°.17 0°.5/22.6 18

9 18	2 11.70	+12 9.3	1.934	2.783	13.3	17.8
9 28	2 7.77	+11 42.0	1.859	2.780	10.0	17.6
10 8	2 1.94	+11 4.8	1.807	2.776	6.2	17.4
10 18	1 54.80	+10 20.8	1.780	2.774	2.0	17.1
10 28	1 47.24	+ 9 35.0	1.782	2.771	2.3	17.1
11 7	1 40.21	+ 8 52.7	1.812	2.770	6.5	17.4
11 17	1 34.51	+ 8 19.1	1.867	2.769	10.3	17.6
11 27	1 30.80	+ 7 58.0	1.947	2.768	13.5	17.8

217338 2004 RM_{150} 10 23.1 5°.11 1°.0/22.2 18

9 18	2 11.86	+11 7.7	1.669	2.528	14.6	19.9
9 28	2 8.12	+10 35.1	1.602	2.528	10.9	19.7
10 8	2 2.24	+ 9 52.0	1.557	2.529	6.7	19.5
10 18	1 54.92	+ 9 2.7	1.538	2.531	2.2	19.2
10 28	1 47.17	+ 8 13.1	1.545	2.534	2.9	19.3
11 7	1 40.06	+ 7 29.6	1.579	2.537	7.3	19.5
11 17	1 34.49	+ 6 57.5	1.639	2.541	11.4	19.8
11 27	1 31.14	+ 6 40.6	1.720	2.545	14.9	20.0

72441 2001 CD_{47} 10 23.1 122°.92 1°.1/22.1 18

9 18	2 16.11	+10 47.3	1.955	2.798	13.4	20.0
9 28	2 10.90	+10 7.1	1.890	2.809	10.0	19.8
10 8	2 3.77	+ 9 18.0	1.849	2.818	6.1	19.6
10 18	1 55.41	+ 8 23.9	1.835	2.828	2.1	19.3
10 28	1 46.72	+ 7 30.3	1.850	2.837	2.8	19.4
11 7	1 38.69	+ 6 42.9	1.893	2.846	6.7	19.7
11 17	1 32.12	+ 6 6.4	1.964	2.855	10.4	19.9
11 27	1 27.60	+ 5 44.1	2.058	2.863	13.5	20.1

303059 2003 YH_{130} 10 23.1 208°.68 5°.1/17.8 18

9 18	2 15.52	− 4 5.9	2.521	3.369	10.6	20.5
9 28	2 10.14	− 5 0.9	2.449	3.362	8.2	20.4
10 8	2 3.20	− 5 53.6	2.402	3.355	6.0	20.2
10 18	1 55.22	− 6 39.3	2.383	3.348	5.1	20.1
10 28	1 46.91	− 7 12.9	2.393	3.340	6.1	20.2
11 7	1 39.03	− 7 31.1	2.432	3.331	8.4	20.3
11 17	1 32.25	− 7 32.1	2.497	3.322	10.9	20.5
11 27	1 27.09	− 7 15.9	2.584	3.312	13.1	20.6

226207 2002 VP_{20} 10 23.1 359°.58 0°.2/23.2 18

9 18	2 12.01	+15 57.5	1.205	2.071	18.6	19.9
9 28	2 9.00	+15 8.5	1.140	2.069	14.1	19.7
10 8	2 3.15	+13 58.2	1.096	2.067	8.9	19.4
10 18	1 55.30	+12 31.8	1.074	2.067	3.1	19.0
10 28	1 46.84	+10 58.7	1.076	2.067	2.9	19.0
11 7	1 39.25	+ 9 30.5	1.104	2.068	8.7	19.4
11 17	1 33.76	+ 8 17.8	1.154	2.070	13.9	19.7
11 27	1 31.18	+ 7 27.4	1.225	2.073	18.2	20.0

143795 2003 WO_{105} 10 23.1 86°.15 2°.0/21.9 18

9 18	2 21.82	+ 7 50.3	1.408	2.266	16.9	19.5
9 28	2 15.73	+ 7 32.3	1.356	2.281	12.6	19.3
10 8	2 6.98	+ 7 7.2	1.325	2.296	7.7	19.1
10 18	1 56.53	+ 6 39.4	1.318	2.311	2.9	18.8
10 28	1 45.71	+ 6 14.8	1.339	2.325	3.9	18.9
11 7	1 35.92	+ 5 58.9	1.386	2.340	8.6	19.2
11 17	1 28.25	+ 5 55.7	1.459	2.354	13.0	19.5
11 27	1 23.40	+ 6 7.5	1.553	2.368	16.6	19.8

1878 Hughes 10 23.1 264°.11 0°.4/22.8 18

9 18	2 14.03	+12 47.0	2.011	2.852	13.2	16.4
9 28	2 9.44	+12 15.9	1.935	2.851	9.9	16.2
10 8	2 2.94	+11 34.3	1.882	2.850	6.1	15.9
10 18	1 55.16	+10 45.6	1.855	2.848	2.0	15.7
10 28	1 46.97	+ 9 54.4	1.858	2.847	2.2	15.7
11 7	1 39.31	+ 9 6.4	1.888	2.846	6.3	15.9
11 17	1 33.01	+ 8 26.8	1.946	2.845	10.1	16.2
11 27	1 28.69	+ 7 59.4	2.028	2.843	13.3	16.4

209105 2003 SY_{107} 10 23.1 340°.39 6°.1/26.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.50	+24 18.9	1.391	2.216	18.8	19.9
9 28	2 11.78	+25 6.5	1.312	2.204	15.4	19.7
10 8	2 5.06	+25 33.7	1.251	2.193	11.5	19.4
10 18	1 56.04	+25 37.5	1.211	2.184	7.7	19.2
10 28	1 46.05	+25 17.8	1.196	2.175	6.1	19.1
11 7	1 36.68	+24 39.7	1.206	2.167	8.5	19.2
11 17	1 29.35	+23 51.5	1.239	2.160	12.6	19.4
11 27	1 25.12	+23 3.4	1.294	2.155	16.6	19.6

424571 2008 FN_{130} 10 23.1 89°.53 5°.9/19.4 16

9 18	2 23.07	− 2 26.9	1.578	2.434	15.4	21.0
9 28	2 16.18	− 3 8.2	1.538	2.459	11.7	20.8
10 8	2 7.00	− 3 45.7	1.521	2.482	8.1	20.7
10 18	1 56.48	− 4 12.9	1.530	2.506	6.0	20.6
10 28	1 45.82	− 4 24.1	1.566	2.528	7.2	20.7
11 7	1 36.22	− 4 16.3	1.629	2.551	10.3	21.0
11 17	1 28.60	− 3 49.3	1.717	2.573	13.5	21.2
11 27	1 23.52	− 3 4.6	1.826	2.594	16.4	21.5

264128 2009 TH_{40} 10 23.1 3°.74 6°.5/17.1 18

9 18	2 13.11	− 5 54.7	2.001	2.862	12.4	19.8
9 28	2 8.65	− 6 55.1	1.943	2.862	9.7	19.7
10 8	2 2.39	− 7 50.9	1.910	2.862	7.4	19.5
10 18	1 54.96	− 8 35.8	1.902	2.863	6.5	19.5
10 28	1 47.22	− 9 3.8	1.922	2.863	7.7	19.6
11 7	1 40.06	− 9 11.5	1.967	2.865	10.2	19.7
11 17	1 34.22	− 8 57.9	2.036	2.866	12.8	19.9
11 27	1 30.28	− 8 23.9	2.126	2.868	15.2	20.1

355475 2007 VU_{312} 10 23.1 276°.50 3°.6/20.3 18

9 18	2 16.55	+ 2 35.4	1.932	2.788	13.0	20.9
9 28	2 11.44	+ 2 4.0	1.852	2.776	9.8	20.7
10 8	2 4.27	+ 1 30.4	1.795	2.763	6.4	20.5
10 18	1 55.65	+ 0 59.3	1.765	2.751	3.8	20.3
10 28	1 46.51	+ 0 35.7	1.763	2.739	5.0	20.3
11 7	1 37.86	+ 0 24.3	1.789	2.726	8.4	20.5
11 17	1 30.61	+ 0 28.0	1.841	2.714	11.9	20.7
11 27	1 25.47	+ 0 47.8	1.915	2.701	15.1	20.9

295416 2008 JF_{36} 10 23.1 94°.67 1°.8/21.7 16

9 18	2 18.55	+ 9 43.8	1.594	2.446	15.5	21.5
9 28	2 13.00	+ 8 57.8	1.541	2.464	11.5	21.3
10 8	2 5.16	+ 8 2.6	1.511	2.482	7.0	21.1
10 18	1 55.90	+ 7 3.3	1.506	2.499	2.6	20.9
10 28	1 46.37	+ 6 7.0	1.530	2.516	3.6	21.0
11 7	1 37.73	+ 5 20.2	1.581	2.533	7.9	21.3
11 17	1 30.91	+ 4 48.0	1.658	2.549	12.0	21.6
11 27	1 26.54	+ 4 33.1	1.757	2.565	15.3	21.8

274195 2008 HX_{16} 10 23.1 119°.21 1°.2/22.1 16

9 18	2 19.13	+10 36.2	1.716	2.561	14.9	22.0
9 28	2 13.36	+10 0.8	1.656	2.575	11.1	21.8
10 8	2 5.39	+ 9 15.8	1.619	2.588	6.8	21.6
10 18	1 55.99	+ 8 25.7	1.608	2.601	2.3	21.4
10 28	1 46.26	+ 7 36.1	1.626	2.613	3.0	21.4
11 7	1 37.34	+ 6 53.3	1.671	2.625	7.4	21.7
11 17	1 30.14	+ 6 22.4	1.744	2.636	11.4	22.0
11 27	1 25.31	+ 6 6.4	1.839	2.647	14.7	22.3

306772 2001 CY_{1} 10 23.1 350°.55 3°.8/24.6 18

9 18	2 5.63	+15 4.3	0.843	1.741	21.4	17.5
9 28	2 5.38	+16 12.7	0.776	1.719	16.9	17.1
10 8	2 1.61	+17 8.2	0.725	1.699	11.5	16.8
10 18	1 54.99	+17 48.2	0.693	1.683	5.9	16.4
10 28	1 47.08	+18 13.0	0.681	1.671	4.5	16.3
11 7	1 39.89	+18 26.8	0.688	1.662	9.8	16.5
11 17	1 35.28	+18 36.2	0.713	1.656	15.8	16.8
11 27	1 34.55	+18 49.4	0.756	1.655	21.0	17.1

324800 2007 HP_{44} 10 23.1 208°.87 0°.3/22.8 17

9 18	2 13.73	+12 16.1	2.307	3.143	11.9	21.6
9 28	2 8.99	+11 53.2	2.229	3.142	8.9	21.4
10 8	2 2.58	+11 21.9	2.174	3.141	5.5	21.2
10 18	1 55.05	+10 44.8	2.147	3.140	1.8	21.0
10 28	1 47.15	+10 5.6	2.149	3.139	2.0	21.0
11 7	1 39.70	+ 9 28.9	2.181	3.137	5.7	21.2
11 17	1 33.44	+ 8 58.7	2.240	3.136	9.0	21.4
11 27	1 28.92	+ 8 38.4	2.324	3.135	12.0	21.6

399046 2013 JU_{61} 10 23.1 53°.91 0°.3/23.4 18

9 18	2 12.00	+15 55.9	2.114	2.948	12.9	20.6
9 28	2 7.80	+15 11.6	2.043	2.953	9.8	20.4
10 8	2 1.87	+14 14.6	1.995	2.959	6.1	20.2
10 18	1 54.80	+13 8.1	1.973	2.965	2.2	20.0
10 28	1 47.42	+11 57.4	1.981	2.971	1.9	20.0
11 7	1 40.58	+10 48.7	2.018	2.977	5.8	20.3
11 17	1 35.03	+ 9 47.7	2.082	2.984	9.3	20.5
11 27	1 31.32	+ 8 59.1	2.170	2.990	12.4	20.7

325522 2009 RN_{68} 10 23.1 121°.42 1°.9/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.31	+16 48.4	2.407	3.214	12.3	20.6
9 28	2 13.90	+17 18.3	2.328	3.220	9.5	20.4
10 8	2 5.63	+17 39.1	2.273	3.226	6.4	20.2
10 18	1 56.10	+17 50.7	2.246	3.232	3.1	20.0
10 28	1 46.14	+17 54.4	2.250	3.237	2.3	20.0
11 7	1 36.65	+17 52.8	2.284	3.243	5.2	20.2
11 17	1 28.45	+17 49.0	2.347	3.248	8.4	20.4
11 27	1 22.16	+17 47.0	2.435	3.253	11.2	20.6

510276 2011 KK_{8} 10 23.1 62°.54 7°.6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.33	− 5 44.4	1.502	2.367	15.6	20.5
9 28	2 13.56	− 6 40.0	1.464	2.385	12.1	20.3
10 8	2 5.48	− 7 28.4	1.448	2.403	9.0	20.2
10 18	1 56.00	− 8 2.0	1.456	2.421	7.6	20.2
10 28	1 46.34	− 8 14.4	1.491	2.440	8.8	20.3
11 7	1 37.69	− 8 2.9	1.550	2.458	11.6	20.5
11 17	1 30.96	− 7 28.0	1.632	2.477	14.7	20.8
11 27	1 26.74	− 6 32.4	1.735	2.495	17.4	21.0

29330 1994 UK 10 23.1 351°.90 1°.4/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.88	+ 9 59.4	1.093	1.976	18.8	18.1
9 28	2 9.95	+ 9 44.2	1.030	1.968	14.2	17.8
10 8	2 3.93	+ 9 17.0	0.986	1.962	8.8	17.5
10 18	1 55.65	+ 8 42.4	0.963	1.957	3.0	17.2
10 28	1 46.59	+ 8 7.8	0.964	1.953	3.8	17.2
11 7	1 38.39	+ 7 41.4	0.988	1.951	9.7	17.6
11 17	1 32.44	+ 7 29.7	1.033	1.950	15.0	17.9
11 27	1 29.66	+ 7 36.7	1.098	1.950	19.5	18.1

259407 2003 QJ_{51} 10 23.1 33°.36 6°.9/18.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.33	+ 0 54.8	1.059	1.950	18.6	20.0
9 28	2 11.42	− 0 26.5	1.019	1.960	14.0	19.8
10 8	2 4.54	− 1 48.9	0.999	1.971	9.5	19.6
10 18	1 55.75	− 3 1.1	1.002	1.983	7.0	19.5
10 28	1 46.60	− 3 52.0	1.027	1.996	8.8	19.7
11 7	1 38.63	− 4 14.6	1.075	2.010	12.9	19.9
11 17	1 33.00	− 4 7.3	1.144	2.024	17.0	20.2
11 27	1 30.40	− 3 32.1	1.231	2.039	20.6	20.5

303505 2005 EW_{159} 10 23.1 63°.19 1°.8/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.74	+17 16.2	1.732	2.562	15.4	20.6
9 28	2 12.49	+17 19.7	1.667	2.572	11.9	20.4
10 8	2 4.95	+17 9.4	1.623	2.582	7.8	20.2
10 18	1 55.89	+16 46.5	1.604	2.593	3.5	19.9
10 28	1 46.40	+16 14.5	1.613	2.603	2.5	19.9
11 7	1 37.64	+15 38.9	1.650	2.613	6.4	20.2
11 17	1 30.58	+15 5.6	1.714	2.624	10.4	20.4
11 27	1 25.92	+14 40.0	1.800	2.635	13.9	20.7

201113 2002 HN_{3} 10 23.1 243°.69 5°.8/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.52	− 1 26.4	1.780	2.644	13.6	20.0
9 28	2 10.73	− 2 35.8	1.714	2.639	10.4	19.8
10 8	2 3.83	− 3 45.3	1.672	2.634	7.4	19.7
10 18	1 55.51	− 4 47.5	1.655	2.629	5.8	19.6
10 28	1 46.75	− 5 35.1	1.666	2.623	7.3	19.6
11 7	1 38.60	− 6 2.6	1.703	2.618	10.3	19.8
11 17	1 31.97	− 6 7.6	1.764	2.612	13.6	20.0
11 27	1 27.52	− 5 50.0	1.846	2.607	16.5	20.2

282386 2003 SN_{35} 10 23.1 78°.17 2°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.59	+18 15.4	2.280	3.092	12.8	20.1
9 28	2 11.21	+18 28.9	2.203	3.097	9.9	19.9
10 8	2 4.01	+18 31.4	2.149	3.103	6.7	19.7
10 18	1 55.56	+18 23.2	2.123	3.108	3.3	19.5
10 28	1 46.71	+18 6.4	2.125	3.113	2.4	19.5
11 7	1 38.35	+17 44.5	2.157	3.118	5.3	19.7
11 17	1 31.28	+17 21.8	2.216	3.123	8.6	19.9
11 27	1 26.11	+17 2.8	2.301	3.128	11.5	20.1

139058 2001 FB_{2} 10 23.1 182°.17 3°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 29.34	+17 57.4	1.979	2.777	15.0	19.9
9 28	2 21.22	+18 46.5	1.893	2.778	11.8	19.7
10 8	2 10.49	+19 25.0	1.831	2.779	8.0	19.5
10 18	1 57.85	+19 51.0	1.797	2.779	4.3	19.3
10 28	1 44.47	+20 4.5	1.793	2.778	3.3	19.2
11 7	1 31.65	+20 7.7	1.820	2.776	6.6	19.4
11 17	1 20.58	+20 5.3	1.876	2.774	10.4	19.6
11 27	1 12.11	+20 2.6	1.957	2.770	13.8	19.9

404553 2013 JA_{40} 10 23.1 337°.60 4°.8/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.03	− 0 14.3	2.065	2.928	12.0	20.4
9 28	2 7.84	− 1 20.4	2.000	2.925	9.1	20.2
10 8	2 1.92	− 2 27.2	1.959	2.923	6.3	20.1
10 18	1 54.84	− 3 28.6	1.945	2.920	4.8	20.0
10 28	1 47.42	− 4 18.5	1.958	2.918	6.1	20.1
11 7	1 40.52	− 4 52.0	1.999	2.916	8.9	20.2
11 17	1 34.86	− 5 6.5	2.065	2.915	11.8	20.4
11 27	1 31.02	− 5 1.3	2.152	2.913	14.4	20.6

99500 2002 CQ_{248} 10 23.1 123°.00 0°.6/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 21.86	+11 25.2	1.518	2.364	16.4	20.0
9 28	2 15.75	+11 9.9	1.457	2.375	12.4	19.7
10 8	2 7.05	+10 44.0	1.417	2.386	7.6	19.5
10 18	1 56.63	+10 10.8	1.403	2.396	2.5	19.2
10 28	1 45.75	+ 9 35.8	1.416	2.406	2.8	19.3
11 7	1 35.78	+ 9 5.0	1.457	2.415	7.8	19.6
11 17	1 27.81	+ 8 43.9	1.524	2.424	12.2	19.9
11 27	1 22.57	+ 8 36.3	1.612	2.432	15.9	20.1

124651 2001 SZ_{71} 10 23.1 20°.47 4°.2/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.23	+ 6 7.8	1.263	2.143	17.0	19.0
9 28	2 9.61	+ 4 54.6	1.210	2.147	12.6	18.7
10 8	2 3.37	+ 3 33.0	1.178	2.152	7.9	18.5
10 18	1 55.39	+ 2 11.6	1.169	2.158	4.3	18.3
10 28	1 46.95	+ 1 0.7	1.186	2.165	6.1	18.4
11 7	1 39.43	+ 0 8.9	1.227	2.172	10.5	18.7
11 17	1 33.89	− 0 18.6	1.291	2.180	14.8	19.0
11 27	1 31.05	− 0 20.5	1.375	2.188	18.5	19.2

391255 2006 QH_{165} 10 23.1 57°.38 4°.6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.97	+24 56.2	1.682	2.485	17.0	21.0
9 28	2 12.75	+25 9.1	1.624	2.505	13.6	20.8
10 8	2 5.14	+25 1.6	1.586	2.525	9.8	20.7
10 18	1 55.96	+24 33.2	1.572	2.545	6.2	20.5
10 28	1 46.42	+23 47.1	1.585	2.565	4.6	20.4
11 7	1 37.75	+22 49.6	1.625	2.586	6.8	20.6
11 17	1 30.94	+21 48.8	1.692	2.606	10.2	20.9
11 27	1 26.67	+20 52.5	1.782	2.627	13.5	21.1

395088 2009 HT_{100} 10 23.1 54°.05 5°.5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.06	− 1 58.1	1.766	2.629	13.7	20.7
9 28	2 10.89	− 2 47.6	1.723	2.647	10.4	20.6
10 8	2 3.77	− 3 34.4	1.703	2.665	7.2	20.4
10 18	1 55.46	− 4 12.4	1.708	2.683	5.5	20.4
10 28	1 46.94	− 4 35.9	1.741	2.702	6.7	20.5
11 7	1 39.22	− 4 41.4	1.801	2.720	9.6	20.7
11 17	1 33.08	− 4 27.8	1.885	2.739	12.6	20.9
11 27	1 29.07	− 3 55.9	1.990	2.758	15.2	21.1

471533 2012 HB_{58} 10 23.1 72°.16 9°.2/17.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.11	− 9 15.2	1.398	2.258	16.8	21.1
9 28	2 16.41	−10 13.4	1.368	2.282	13.4	20.9
10 8	2 7.23	−10 59.5	1.360	2.306	10.4	20.8
10 18	1 56.61	−11 25.3	1.375	2.329	9.2	20.8
10 28	1 45.93	−11 24.7	1.415	2.353	10.4	21.0
11 7	1 36.47	−10 56.4	1.480	2.376	13.0	21.2
11 17	1 29.20	−10 2.7	1.568	2.399	15.9	21.4
11 27	1 24.67	− 8 48.1	1.674	2.422	18.4	21.7

520171 2014 CF_{27} 10 23.1 127°.43 5°.5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.35	+30 44.6	2.396	3.143	14.1	21.5
9 28	2 13.33	+31 5.4	2.321	3.157	11.7	21.3
10 8	2 5.34	+31 7.6	2.267	3.170	9.1	21.2
10 18	1 56.04	+30 50.0	2.238	3.184	6.7	21.1
10 28	1 46.35	+30 13.6	2.237	3.196	5.5	21.0
11 7	1 37.26	+29 22.3	2.264	3.209	6.4	21.1
11 17	1 29.61	+28 22.1	2.320	3.220	8.6	21.3
11 27	1 24.04	+27 19.8	2.401	3.232	11.0	21.4

353669 2011 UP_{196} 10 23.1 140°.75 2°.2/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.75	+21 18.1	2.347	3.148	12.8	21.2
9 28	2 10.49	+20 57.8	2.272	3.158	10.0	21.0
10 8	2 3.51	+20 23.1	2.219	3.167	6.8	20.8
10 18	1 55.40	+19 35.3	2.193	3.176	3.6	20.7
10 28	1 46.98	+18 37.9	2.197	3.184	2.4	20.6
11 7	1 39.11	+17 35.9	2.231	3.192	5.1	20.8
11 17	1 32.52	+16 35.1	2.293	3.200	8.3	21.0
11 27	1 27.78	+15 40.8	2.381	3.207	11.2	21.2

162134 1998 TJ_{24} 10 23.1 222°.39 0°.1/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.21	+13 55.5	1.435	2.284	17.1	21.5
9 28	2 14.15	+13 25.8	1.360	2.279	13.0	21.2
10 8	2 6.31	+12 40.5	1.306	2.274	8.2	20.9
10 18	1 56.47	+11 43.3	1.276	2.269	2.8	20.6
10 28	1 45.93	+10 40.5	1.273	2.263	2.8	20.6
11 7	1 36.14	+ 9 40.7	1.297	2.257	8.2	20.9
11 17	1 28.34	+ 8 51.9	1.345	2.251	13.1	21.2
11 27	1 23.39	+ 8 19.9	1.416	2.244	17.3	21.4

482718 2013 ET_{9} 10 23.1 104°.05 9°.5/17.6 17 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 35.62	+18 54.0	0.332	1.254	36.1	20.7
9 28	2 28.04	+12 28.2	0.320	1.281	25.7	20.3
10 8	2 14.85	+ 5 25.3	0.322	1.307	15.1	20.1
10 18	1 58.98	− 1 11.0	0.341	1.331	9.5	20.0
10 28	1 44.23	− 6 18.7	0.378	1.354	14.8	20.5
11 7	1 33.47	− 9 33.4	0.430	1.375	22.4	21.0
11 17	1 27.88	−11 5.9	0.495	1.394	28.6	21.6
11 27	1 27.49	−11 19.6	0.569	1.411	33.3	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
506859 2007 VW_{137}			10 23.1 280.°94		3.°0/25.5 18	
	h m	° ′			°	m
9 18	2 27.21	+22 53.7	2.360	3.132	13.6	23.3
9 28	2 19.86	+22 43.7	2.213	3.080	11.0	23.1
10 8	2 9.91	+22 16.5	2.089	3.027	7.9	22.8
10 18	1 57.82	+21 30.4	1.993	2.971	4.5	22.5
10 28	1 44.48	+20 26.3	1.928	2.913	3.2	22.3
11 7	1 31.07	+19 8.5	1.896	2.852	6.4	22.4
11 17	1 18.82	+17 44.3	1.896	2.790	10.5	22.5
11 27	1 8.77	+16 22.4	1.922	2.724	14.4	22.6
363495 2003 TW_{26}			10 23.1 113.°81		1.°2/24.6 18	
9 18	2 13.10	+19 15.3	2.722	3.529	11.1	21.4
9 28	2 8.22	+18 33.7	2.653	3.546	8.5	21.3
10 8	2 1.96	+17 40.2	2.609	3.563	5.6	21.1
10 18	1 54.85	+16 37.3	2.593	3.580	2.5	20.9
10 28	1 47.55	+15 28.8	2.607	3.597	1.6	20.9
11 7	1 40.75	+14 19.5	2.652	3.613	4.5	21.1
11 17	1 35.02	+13 14.2	2.726	3.628	7.4	21.3
11 27	1 30.81	+12 17.1	2.827	3.644	9.9	21.5
94108 2000 YY_{86}			10 23.1 110.°36		4.°5/18.7 18	
9 18	2 14.18	− 1 9.3	2.287	3.141	11.3	19.3
9 28	2 9.20	− 2 1.6	2.230	3.151	8.6	19.1
10 8	2 2.65	− 2 52.9	2.199	3.160	5.9	19.0
10 18	1 55.10	− 3 38.2	2.195	3.169	4.5	18.9
10 28	1 47.32	− 4 12.6	2.219	3.178	5.6	19.0
11 7	1 40.08	− 4 32.5	2.272	3.187	8.1	19.2
11 17	1 34.05	− 4 36.2	2.350	3.196	10.7	19.4
11 27	1 29.72	− 4 23.3	2.451	3.204	13.1	19.5
62647 2000 SY_{362}			10 23.1 299.°34		3.°0/20.5 18	
9 18	2 14.98	+ 4 15.5	2.014	2.869	12.6	19.3
9 28	2 10.12	+ 3 39.8	1.943	2.867	9.4	19.1
10 8	2 3.39	+ 3 0.7	1.896	2.866	6.0	18.8
10 18	1 55.40	+ 2 22.6	1.876	2.864	3.2	18.7
10 28	1 47.02	+ 1 50.7	1.884	2.862	4.3	18.7
11 7	1 39.18	+ 1 29.5	1.921	2.861	7.7	18.9
11 17	1 32.68	+ 1 21.9	1.983	2.859	11.0	19.2
11 27	1 28.14	+ 1 29.6	2.069	2.858	14.0	19.4
436458 2011 CE_{89}			10 23.1 235.°86		4.°1/26.2 18	
9 18	2 18.82	+23 16.8	1.664	2.474	16.9	21.4
9 28	2 13.75	+23 25.7	1.581	2.468	13.5	21.1
10 8	2 6.03	+23 14.9	1.518	2.462	9.7	20.9
10 18	1 56.40	+22 43.5	1.479	2.456	5.8	20.7
10 28	1 46.03	+21 53.9	1.466	2.450	4.2	20.6
11 7	1 36.30	+20 52.5	1.481	2.443	7.1	20.7
11 17	1 28.38	+19 47.5	1.522	2.436	11.2	20.9
11 27	1 23.16	+18 47.8	1.586	2.429	15.0	21.2
234717 2002 JM_{94}			10 23.1 227.°30		1.°5/24.5 18	
9 18	2 15.89	+18 40.5	2.013	2.833	14.0	20.8
9 28	2 11.01	+18 13.5	1.925	2.825	10.8	20.6
10 8	2 4.06	+17 31.0	1.860	2.817	7.1	20.3
10 18	1 55.67	+16 34.8	1.821	2.809	3.2	20.1
10 28	1 46.77	+15 29.3	1.810	2.800	2.2	20.0
11 7	1 38.37	+14 20.7	1.829	2.791	6.0	20.2
11 17	1 31.38	+13 15.8	1.875	2.781	9.9	20.4
11 27	1 26.49	+12 20.9	1.946	2.772	13.3	20.6
288100 2003 WJ_{25}			10 23.1 311.°46		11.°1/14.7 18	
9 18	2 17.83	−15 13.3	1.622	2.474	15.3	20.1
9 28	2 12.78	−16 23.6	1.561	2.458	13.1	19.9
10 8	2 5.29	−17 20.5	1.521	2.443	11.4	19.8
10 18	1 56.11	−17 54.3	1.504	2.428	11.2	19.7
10 28	1 46.37	−17 57.6	1.510	2.413	12.5	19.8
11 7	1 37.34	−17 27.2	1.540	2.399	14.8	19.9
11 17	1 30.06	−16 24.5	1.590	2.385	17.4	20.0
11 27	1 25.29	−14 53.9	1.659	2.372	19.8	20.2
139712 2001 QB_{234}			10 23.1 144.°07		1.°3/21.9 18	
9 18	2 14.02	+10 35.9	1.973	2.820	13.2	20.1
9 28	2 9.46	+ 9 52.1	1.901	2.821	9.8	19.9
10 8	2 3.01	+ 8 59.1	1.852	2.822	6.0	19.7
10 18	1 55.28	+ 8 1.0	1.830	2.823	2.1	19.4
10 28	1 47.17	+ 7 3.3	1.837	2.824	2.9	19.5
11 7	1 39.62	+ 6 12.0	1.872	2.825	6.8	19.7
11 17	1 33.45	+ 5 32.1	1.934	2.825	10.5	20.0
11 27	1 29.25	+ 5 7.0	2.019	2.826	13.6	20.2
278338 2007 HQ_{90}			10 23.1 180.°60		0.°3/22.9 18	
9 18	2 18.22	+12 36.8	1.953	2.789	13.7	22.5
9 28	2 12.67	+12 11.5	1.877	2.790	10.4	22.3
10 8	2 5.04	+11 35.9	1.824	2.791	6.4	22.0
10 18	1 56.00	+10 52.9	1.798	2.791	2.2	21.8
10 28	1 46.51	+10 7.1	1.801	2.790	2.3	21.8
11 7	1 37.61	+ 9 24.1	1.833	2.789	6.5	22.0
11 17	1 30.20	+ 8 49.1	1.892	2.788	10.4	22.3
11 27	1 24.95	+ 8 26.1	1.975	2.786	13.7	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
383835 2008 FD_{132}			10 23.1 244.°55		0.°6/24.0 18	
	h m	° ′			°	m
9 18	2 9.04	+16 42.3	3.325	4.140	9.1	21.5
9 28	2 5.12	+16 11.3	3.235	4.134	6.9	21.3
10 8	2 0.06	+15 31.6	3.169	4.128	4.4	21.2
10 18	1 54.24	+14 45.1	3.132	4.122	1.8	21.0
10 28	1 48.18	+13 54.6	3.126	4.116	1.3	20.9
11 7	1 42.41	+13 3.4	3.150	4.110	3.9	21.1
11 17	1 37.40	+12 15.0	3.203	4.103	6.5	21.3
11 27	1 33.58	+11 32.8	3.283	4.097	8.7	21.4
155903 2001 FN_{184}			10 23.1 352.°60		1.°8/24.5 18	
9 18	2 16.31	+16 34.7	1.975	2.802	13.9	19.3
9 28	2 11.34	+16 50.8	1.896	2.800	10.8	19.1
10 8	2 4.28	+16 55.7	1.839	2.798	7.1	18.9
10 18	1 55.77	+16 50.2	1.808	2.796	3.3	18.6
10 28	1 46.72	+16 36.4	1.806	2.795	2.3	18.6
11 7	1 38.19	+16 18.2	1.831	2.794	6.0	18.8
11 17	1 31.09	+16 0.3	1.884	2.793	9.7	19.0
11 27	1 26.13	+15 47.4	1.961	2.793	13.0	19.3
365003 2008 KJ_{27}			10 23.1 109.°80		1.°6/21.5 18	
9 18	2 12.59	+10 3.6	2.192	3.038	12.1	21.6
9 28	2 8.17	+ 9 5.9	2.124	3.044	8.9	21.5
10 8	2 2.10	+ 7 59.9	2.080	3.050	5.4	21.3
10 18	1 54.96	+ 6 50.1	2.063	3.056	2.1	21.0
10 28	1 47.53	+ 5 42.1	2.077	3.061	3.0	21.1
11 7	1 40.63	+ 4 41.6	2.119	3.067	6.5	21.4
11 17	1 34.94	+ 3 53.3	2.188	3.073	9.8	21.6
11 27	1 31.02	+ 3 20.1	2.281	3.078	12.6	21.8
260621 2005 GS_{58}			10 23.1 142.°43		2.°4/21.2 17	
9 18	2 20.23	+ 7 16.0	1.805	2.652	14.2	21.7
9 28	2 14.13	+ 6 32.5	1.744	2.664	10.6	21.5
10 8	2 5.88	+ 5 42.4	1.706	2.675	6.5	21.3
10 18	1 56.26	+ 4 50.7	1.695	2.685	2.8	21.1
10 28	1 46.31	+ 4 3.5	1.712	2.695	3.9	21.2
11 7	1 37.12	+ 3 26.4	1.759	2.704	7.8	21.4
11 17	1 29.58	+ 3 3.4	1.832	2.712	11.6	21.7
11 27	1 24.34	+ 2 56.7	1.927	2.720	14.8	21.9
261853 2006 DP_{202}			10 23.1 271.°69		1.°0/22.2 17	
9 18	2 15.35	+ 9 6.6	2.323	3.162	11.7	20.5
9 28	2 10.31	+ 8 55.1	2.235	3.151	8.8	20.3
10 8	2 3.50	+ 8 37.9	2.172	3.141	5.4	20.1
10 18	1 55.48	+ 8 17.4	2.137	3.129	1.9	19.9
10 28	1 47.00	+ 7 57.0	2.131	3.118	2.4	19.9
11 7	1 38.90	+ 7 40.3	2.154	3.107	6.0	20.1
11 17	1 31.97	+ 7 30.7	2.205	3.096	9.4	20.3
11 27	1 26.80	+ 7 30.8	2.281	3.085	12.4	20.5
183208 2002 TR_{28}			10 23.1 26.°17		1.°3/22.4 18	
9 18	2 16.35	+10 0.0	0.977	1.862	20.3	19.1
9 28	2 12.49	+ 9 50.6	0.936	1.875	15.2	18.9
10 8	2 5.38	+ 9 29.6	0.914	1.890	9.3	18.6
10 18	1 56.15	+ 9 1.8	0.913	1.906	3.1	18.3
10 28	1 46.49	+ 8 34.9	0.934	1.924	3.8	18.4
11 7	1 38.12	+ 8 16.2	0.979	1.943	9.6	18.8
11 17	1 32.33	+ 8 11.5	1.046	1.963	14.8	19.2
11 27	1 29.83	+ 8 23.7	1.131	1.984	19.1	19.5
40769 1999 TJ_{18}			10 23.1 322.°11		1.°3/24.4 18	
9 18	2 11.95	+18 50.0	2.125	2.949	13.2	18.1
9 28	2 7.90	+18 10.3	2.043	2.946	10.2	17.9
10 8	2 2.05	+17 15.3	1.984	2.942	6.7	17.6
10 18	1 54.98	+16 7.7	1.951	2.939	2.9	17.4
10 28	1 47.51	+14 52.2	1.946	2.937	1.9	17.3
11 7	1 40.54	+13 35.2	1.971	2.934	5.6	17.6
11 17	1 34.85	+12 23.3	2.024	2.931	9.2	17.8
11 27	1 31.03	+11 22.2	2.101	2.929	12.4	18.0
34312 Deahaupt			10 23.1 74.°34		1.°5/21.8 18	
9 18	2 15.00	+ 9 1.9	1.969	2.818	13.1	19.0
9 28	2 10.16	+ 8 31.0	1.902	2.823	9.8	18.8
10 8	2 3.43	+ 7 53.0	1.858	2.829	6.0	18.6
10 18	1 55.44	+ 7 11.6	1.841	2.834	2.2	18.3
10 28	1 47.10	+ 6 31.9	1.853	2.839	3.0	18.4
11 7	1 39.34	+ 5 58.7	1.893	2.845	6.8	18.7
11 17	1 32.99	+ 5 36.3	1.959	2.850	10.4	18.9
11 27	1 28.63	+ 5 27.2	2.049	2.855	13.5	19.1
440754 2006 DV_{151}			10 23.1 233.°70		1.°3/24.2 18	
9 18	2 17.38	+16 55.8	1.942	2.767	14.2	22.3
9 28	2 12.22	+16 43.9	1.855	2.759	11.0	22.0
10 8	2 4.88	+16 18.6	1.790	2.750	7.2	21.8
10 18	1 56.00	+15 41.1	1.752	2.741	3.1	21.5
10 28	1 46.52	+14 55.4	1.742	2.732	2.2	21.4
11 7	1 37.55	+14 6.8	1.760	2.722	6.2	21.7
11 17	1 30.05	+13 21.5	1.806	2.712	10.3	21.9
11 27	1 24.76	+12 45.1	1.876	2.702	13.8	22.1

76200 2000 EL_{50} 10 23.1 53°.51 7°.6/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.60	+34 56.4	2.301	3.025	15.2	18.8
9 28	2 13.90	+35 54.3	2.224	3.033	13.1	18.6
10 8	2 5.94	+36 32.5	2.166	3.041	10.8	18.5
10 18	1 56.36	+36 47.7	2.132	3.050	8.8	18.4
10 28	1 46.18	+36 39.0	2.124	3.058	7.6	18.3
11 7	1 36.52	+36 9.0	2.143	3.066	8.0	18.4
11 17	1 28.40	+35 23.2	2.188	3.075	9.6	18.5
11 27	1 22.57	+34 28.9	2.257	3.084	11.7	18.6

445198 2009 DB_{54} 10 23.1 113°.89 0°.9/23.9 18

9 18	2 16.77	+15 41.5	1.936	2.766	14.1	21.8
9 28	2 11.59	+15 28.8	1.865	2.772	10.7	21.6
10 8	2 4.37	+15 4.0	1.816	2.778	6.9	21.4
10 18	1 55.78	+14 29.1	1.794	2.784	2.7	21.2
10 28	1 46.78	+13 48.1	1.800	2.790	2.0	21.1
11 7	1 38.40	+13 6.4	1.834	2.796	6.1	21.4
11 17	1 31.52	+12 29.3	1.896	2.801	9.9	21.7
11 27	1 26.78	+12 1.5	1.982	2.807	13.2	21.9

354660 2005 LN_{9} 10 23.1 4°.94 3°.9/19.9 18

9 18	2 13.71	+ 4 5.6	1.746	2.611	13.8	20.5
9 28	2 9.42	+ 3 6.4	1.682	2.611	10.3	20.3
10 8	2 3.06	+ 2 2.6	1.641	2.611	6.6	20.1
10 18	1 55.34	+ 1 0.4	1.625	2.612	3.9	19.9
10 28	1 47.21	+ 0 6.9	1.637	2.612	5.3	20.0
11 7	1 39.71	− 0 31.9	1.676	2.613	8.9	20.2
11 17	1 33.71	− 0 52.3	1.740	2.614	12.4	20.4
11 27	1 29.86	− 0 52.8	1.825	2.615	15.5	20.6

12347 1993 FW_{37} 10 23.1 208°.15 2°.6/20.6 18

9 18	2 14.27	+ 8 2.2	2.025	2.876	12.7	18.6
9 28	2 9.62	+ 6 50.5	1.949	2.872	9.5	18.4
10 8	2 3.12	+ 5 30.2	1.897	2.868	5.8	18.1
10 18	1 55.35	+ 4 6.7	1.873	2.863	2.8	17.9
10 28	1 47.19	+ 2 47.2	1.879	2.859	4.1	18.0
11 7	1 39.55	+ 1 38.4	1.913	2.853	7.6	18.2
11 17	1 33.24	+ 0 45.5	1.973	2.848	11.2	18.4
11 27	1 28.86	+ 0 11.5	2.057	2.842	14.2	18.6

156965 2003 HE_{32} 10 23.1 184°.42 0°.4/23.5 18

9 18	2 17.88	+14 43.9	1.947	2.777	14.0	21.5
9 28	2 12.46	+14 21.3	1.869	2.778	10.6	21.2
10 8	2 4.95	+13 46.6	1.814	2.777	6.7	21.0
10 18	1 56.00	+13 2.3	1.785	2.777	2.5	20.7
10 28	1 46.58	+12 12.9	1.786	2.776	2.1	20.7
11 7	1 37.75	+11 24.2	1.815	2.774	6.3	21.0
11 17	1 30.40	+10 41.7	1.871	2.772	10.3	21.2
11 27	1 25.24	+10 10.3	1.952	2.770	13.6	21.4

520670 2014 QO_{450} 10 23.1 180°.40 3°.2/19.7 18

9 18	2 12.41	+ 3 36.8	2.406	3.259	10.9	22.2
9 28	2 7.92	+ 2 39.4	2.336	3.259	8.1	22.0
10 8	2 1.92	+ 1 38.7	2.292	3.259	5.2	21.8
10 18	1 54.92	+ 0 39.5	2.275	3.259	3.2	21.7
10 28	1 47.62	− 0 13.0	2.288	3.259	4.4	21.7
11 7	1 40.78	− 0 54.4	2.329	3.259	7.1	21.9
11 17	1 35.02	− 1 21.6	2.397	3.259	10.0	22.1
11 27	1 30.87	− 1 33.0	2.489	3.258	12.5	22.3

69964 1998 VM_{36} 10 23.1 12°.30 2°.8/25.9 18

9 18	2 12.07	+22 51.7	2.080	2.888	14.0	18.8
9 28	2 8.07	+22 27.1	2.001	2.890	11.0	18.6
10 8	2 2.18	+21 44.8	1.944	2.891	7.7	18.4
10 18	1 55.04	+20 46.5	1.912	2.893	4.3	18.2
10 28	1 47.51	+19 36.0	1.909	2.895	2.9	18.1
11 7	1 40.52	+18 19.6	1.934	2.897	5.6	18.3
11 17	1 34.87	+17 4.2	1.986	2.900	9.0	18.5
11 27	1 31.19	+15 56.5	2.064	2.903	12.2	18.7

235362 2003 UQ_{378} 10 23.1 135°.15 0°.0/23.1 18

9 18	2 17.48	+13 31.6	1.984	2.817	13.6	21.2
9 28	2 12.02	+13 8.4	1.914	2.826	10.3	21.0
10 8	2 4.59	+12 34.6	1.869	2.834	6.4	20.8
10 18	1 55.85	+11 53.0	1.850	2.842	2.2	20.6
10 28	1 46.75	+11 8.2	1.859	2.849	2.1	20.6
11 7	1 38.29	+10 25.5	1.898	2.857	6.2	20.9
11 17	1 31.29	+ 9 49.8	1.965	2.864	10.0	21.1
11 27	1 26.39	+ 9 25.2	2.055	2.870	13.2	21.3

310871 2003 GG_{57} 10 23.1 124°.47 2°.8/18.2 18

9 18	2 6.89	− 3 7.6	4.496	5.342	6.4	20.3
9 28	2 3.19	− 3 35.7	4.429	5.343	4.8	20.2
10 8	1 58.73	− 4 2.4	4.389	5.344	3.5	20.1
10 18	1 53.79	− 4 25.3	4.377	5.346	2.8	20.0
10 28	1 48.71	− 4 42.5	4.396	5.347	3.4	20.1
11 7	1 43.84	− 4 52.3	4.444	5.348	4.8	20.2
11 17	1 39.51	− 4 53.6	4.519	5.350	6.3	20.3
11 27	1 36.00	− 4 45.9	4.620	5.351	7.6	20.4

372824 2010 UB_{35} 10 23.1 157°.95 3°.7/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.09	+23 17.4	1.573	2.386	17.5	21.1
9 28	2 13.93	+23 5.2	1.499	2.390	13.9	20.9
10 8	2 6.10	+22 30.8	1.446	2.394	9.8	20.6
10 18	1 56.44	+21 34.7	1.416	2.397	5.5	20.4
10 28	1 46.20	+20 21.2	1.413	2.399	3.8	20.3
11 7	1 36.77	+18 58.6	1.438	2.402	7.1	20.5
11 17	1 29.29	+17 36.6	1.488	2.403	11.4	20.8
11 27	1 24.55	+16 24.3	1.562	2.405	15.2	21.0

200186 1999 RY_{72} 10 23.1 63°.88 1°.7/24.4 18

9 18	2 20.22	+17 46.5	1.522	2.355	17.1	20.4
9 28	2 14.33	+17 31.4	1.479	2.386	13.0	20.2
10 8	2 6.04	+17 0.0	1.456	2.417	8.4	20.0
10 18	1 56.32	+16 14.9	1.458	2.448	3.6	19.8
10 28	1 46.42	+15 21.9	1.488	2.478	2.4	19.8
11 7	1 37.59	+14 28.0	1.545	2.509	6.8	20.1
11 17	1 30.78	+13 40.4	1.628	2.539	10.9	20.5
11 27	1 26.57	+13 4.4	1.735	2.569	14.4	20.8

278315 2007 HY_{25} 10 23.1 44°.19 0°.6/22.7 18

9 18	2 14.98	+13 45.8	1.322	2.183	17.5	20.0
9 28	2 10.78	+12 55.6	1.274	2.201	13.1	19.8
10 8	2 4.03	+11 50.0	1.247	2.219	8.0	19.6
10 18	1 55.67	+10 35.1	1.245	2.238	2.6	19.3
10 28	1 47.01	+ 9 19.3	1.268	2.258	3.0	19.4
11 7	1 39.36	+ 8 11.9	1.317	2.278	8.1	19.8
11 17	1 33.73	+ 7 19.9	1.391	2.298	12.6	20.1
11 27	1 30.74	+ 6 47.6	1.485	2.319	16.4	20.4

222040 1998 TT_{23} 10 23.1 16°.01 0°.4/23.5 18

9 18	2 13.36	+14 34.5	1.981	2.820	13.5	20.5
9 28	2 9.03	+14 16.0	1.909	2.822	10.2	20.3
10 8	2 2.78	+13 46.3	1.859	2.824	6.4	20.1
10 18	1 55.26	+13 7.9	1.835	2.827	2.4	19.8
10 28	1 47.33	+12 25.1	1.840	2.831	1.9	19.8
11 7	1 39.96	+11 43.0	1.873	2.834	6.0	20.1
11 17	1 33.95	+11 6.9	1.932	2.838	9.7	20.3
11 27	1 29.93	+10 40.9	2.016	2.842	12.9	20.6

63711 2001 QD_{200} 10 23.1 275°.90 3°.1/25.2 18

9 18	2 19.04	+20 5.7	1.333	2.169	18.8	18.9
9 28	2 14.36	+20 7.4	1.260	2.167	14.8	18.6
10 8	2 6.63	+19 48.3	1.206	2.164	10.1	18.3
10 18	1 56.69	+19 8.6	1.175	2.161	5.2	18.1
10 28	1 45.95	+18 12.6	1.170	2.159	3.5	18.0
11 7	1 36.04	+17 8.4	1.190	2.156	8.0	18.2
11 17	1 28.31	+16 6.1	1.235	2.153	12.9	18.5
11 27	1 23.70	+15 14.6	1.301	2.151	17.2	18.7

315996 2009 DW_{116} 10 23.1 255°.53 1°.8/21.9 17

9 18	2 17.98	+10 28.0	1.362	2.224	17.1	21.4
9 28	2 13.33	+ 9 44.9	1.290	2.218	12.9	21.1
10 8	2 5.87	+ 8 48.8	1.239	2.212	8.0	20.9
10 18	1 56.40	+ 7 44.9	1.213	2.206	2.9	20.5
10 28	1 46.23	+ 6 41.3	1.212	2.199	3.9	20.6
11 7	1 36.83	+ 5 46.7	1.237	2.193	9.1	20.9
11 17	1 29.43	+ 5 8.4	1.287	2.186	14.0	21.1
11 27	1 24.91	+ 4 50.7	1.357	2.180	18.2	21.4

181680 4290 $P\text{–}L$ 10 23.1 37°.80 2°.7/24.7 18

9 18	2 18.62	+17 59.2	1.154	2.008	20.0	19.9
9 28	2 14.06	+18 11.2	1.103	2.020	15.5	19.7
10 8	2 6.36	+18 3.5	1.070	2.034	10.3	19.4
10 18	1 56.54	+17 37.3	1.059	2.048	4.9	19.2
10 28	1 46.18	+16 57.6	1.072	2.062	3.3	19.1
11 7	1 36.97	+16 12.7	1.111	2.078	8.2	19.5
11 17	1 30.19	+15 31.6	1.172	2.094	13.1	19.8
11 27	1 26.66	+15 1.7	1.254	2.110	17.3	20.1

77088 2001 DE_{41} 10 23.1 301°.30 5°.4/26.8 18

9 18	2 18.48	+24 39.7	1.424	2.240	18.9	19.4
9 28	2 13.98	+25 5.0	1.344	2.233	15.3	19.1
10 8	2 6.45	+25 7.9	1.284	2.226	11.3	18.9
10 18	1 56.66	+24 46.1	1.245	2.219	7.2	18.6
10 28	1 45.96	+24 1.0	1.232	2.213	5.5	18.5
11 7	1 35.97	+22 59.3	1.244	2.206	8.2	18.7
11 17	1 28.07	+21 50.8	1.281	2.200	12.4	18.9
11 27	1 23.28	+20 46.1	1.339	2.194	16.5	19.1

348062 2003 UU_{274} 10 23.1 17°.62 13°.3/19.4 18

9 18	2 18.89	−15 2.3	0.884	1.772	21.7	17.6
9 28	2 14.25	−15 23.7	0.865	1.788	18.0	17.5
10 8	2 6.27	−15 19.2	0.862	1.807	14.8	17.4
10 18	1 56.39	−14 39.9	0.877	1.829	13.3	17.4
10 28	1 46.48	−13 22.8	0.913	1.854	14.1	17.5
11 7	1 38.24	−11 31.9	0.969	1.880	16.6	17.8
11 17	1 32.80	− 9 16.0	1.045	1.909	19.6	18.1
11 27	1 30.67	− 6 44.3	1.138	1.939	22.4	18.4

480066 2015 DR_{98} 10 23.1 93°.36 1°.6/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.39	+ 9 33.0	1.640	2.490	15.3	21.8
9 28	2 13.62	+ 8 57.2	1.588	2.509	11.3	21.6
10 8	2 5.62	+ 8 12.9	1.558	2.528	6.9	21.4
10 18	1 56.20	+ 7 24.8	1.554	2.546	2.5	21.2
10 28	1 46.52	+ 6 38.9	1.578	2.564	3.3	21.3
11 7	1 37.72	+ 6 1.3	1.629	2.582	7.6	21.6
11 17	1 30.71	+ 5 36.4	1.707	2.599	11.6	21.8
11 27	1 26.12	+ 5 27.1	1.807	2.616	14.9	22.1

93998 2000 XL_{20} 10 23.1 143°.69 0°.5/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.45	+13 34.1	2.293	3.119	12.3	19.2
9 28	2 11.84	+13 37.0	2.216	3.123	9.3	19.0
10 8	2 4.44	+13 31.7	2.164	3.126	5.9	18.8
10 18	1 55.83	+13 19.5	2.138	3.130	2.2	18.6
10 28	1 46.82	+13 3.2	2.143	3.133	1.8	18.6
11 7	1 38.31	+12 46.1	2.177	3.136	5.4	18.8
11 17	1 31.07	+12 32.1	2.239	3.139	8.9	19.0
11 27	1 25.69	+12 24.4	2.327	3.142	11.8	19.2

78768 2002 VF_{17} 10 23.1 6°.67 5°.6/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.85	+ 1 31.7	1.404	2.285	15.5	17.8
9 28	2 8.42	+ 0 20.1	1.350	2.286	11.7	17.6
10 8	2 2.62	− 0 54.2	1.317	2.287	7.9	17.4
10 18	1 55.23	− 2 2.5	1.308	2.290	5.6	17.2
10 28	1 47.41	− 2 56.0	1.324	2.293	7.3	17.3
11 7	1 40.37	− 3 27.8	1.365	2.297	10.9	17.6
11 17	1 35.08	− 3 35.1	1.429	2.303	14.7	17.8
11 27	1 32.23	− 3 17.7	1.512	2.309	17.9	18.0

197294 2003 WX_{122} 10 23.1 357°.94 1°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.71	+15 1.8	1.851	2.691	14.2	19.6
9 28	2 9.49	+15 3.2	1.776	2.689	10.8	19.4
10 8	2 3.19	+14 53.4	1.723	2.687	7.0	19.1
10 18	1 55.44	+14 33.9	1.695	2.686	2.8	18.9
10 28	1 47.20	+14 8.2	1.695	2.685	2.1	18.8
11 7	1 39.50	+13 41.1	1.722	2.685	6.2	19.1
11 17	1 33.25	+13 17.4	1.776	2.686	10.1	19.3
11 27	1 29.15	+13 1.8	1.853	2.688	13.5	19.6

351848 2006 RZ_{10} 10 23.1 64°.40 2°.6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.85	+20 39.8	1.844	2.662	15.1	20.6
9 28	2 11.09	+20 33.0	1.772	2.668	11.8	20.4
10 8	2 4.16	+20 9.6	1.722	2.674	8.1	20.2
10 18	1 55.76	+19 30.7	1.696	2.680	4.2	20.0
10 28	1 46.91	+18 40.0	1.698	2.686	2.9	19.9
11 7	1 38.72	+17 43.5	1.728	2.692	6.1	20.1
11 17	1 32.10	+16 48.1	1.785	2.698	9.9	20.4
11 27	1 27.75	+16 0.0	1.866	2.704	13.3	20.6

312652 2010 KY_{20} 10 23.1 41°.87 1°.3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.45	+17 21.9	1.820	2.652	14.7	21.2
9 28	2 10.00	+17 0.3	1.749	2.657	11.3	21.0
10 8	2 3.46	+16 23.9	1.701	2.663	7.3	20.8
10 18	1 55.51	+15 35.3	1.679	2.668	3.1	20.6
10 28	1 47.15	+14 39.1	1.684	2.674	2.1	20.5
11 7	1 39.43	+13 41.7	1.717	2.680	6.2	20.8
11 17	1 33.24	+12 49.6	1.776	2.686	10.2	21.0
11 27	1 29.24	+12 8.3	1.860	2.692	13.6	21.3

403701 2010 VF_{149} 10 23.1 172°.94 1°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.03	+10 29.7	2.305	3.146	11.7	21.3
9 28	2 8.50	+ 9 45.9	2.230	3.147	8.7	21.1
10 8	2 2.34	+ 8 54.1	2.179	3.148	5.3	20.9
10 18	1 55.10	+ 7 57.9	2.156	3.149	1.9	20.7
10 28	1 47.54	+ 7 2.2	2.163	3.149	2.6	20.7
11 7	1 40.44	+ 6 11.9	2.198	3.150	6.1	21.0
11 17	1 34.51	+ 5 31.5	2.262	3.150	9.3	21.2
11 27	1 30.28	+ 5 4.0	2.349	3.150	12.2	21.4

180940 2005 ML_{2} 10 23.1 71°.32 3°.0/21.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.43	+ 7 10.2	1.358	2.223	17.0	20.3
9 28	2 13.97	+ 6 22.9	1.313	2.243	12.6	20.1
10 8	2 5.94	+ 5 28.4	1.290	2.262	7.7	19.9
10 18	1 56.33	+ 4 33.2	1.291	2.282	3.4	19.7
10 28	1 46.46	+ 3 45.0	1.319	2.302	4.7	19.8
11 7	1 37.65	+ 3 10.6	1.373	2.322	9.2	20.1
11 17	1 30.94	+ 2 54.1	1.451	2.342	13.4	20.4
11 27	1 26.94	+ 2 57.0	1.550	2.361	16.9	20.7

54308 2000 JF_{73} 10 23.1 310°.74 6°.5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.05	− 3 0.4	1.726	2.594	13.8	18.6
9 28	2 9.81	− 4 7.8	1.656	2.582	10.7	18.4
10 8	2 3.41	− 5 14.0	1.609	2.569	7.8	18.2
10 18	1 55.52	− 6 11.5	1.588	2.558	6.5	18.1
10 28	1 47.12	− 6 52.7	1.593	2.546	8.0	18.2
11 7	1 39.28	− 7 12.2	1.623	2.535	11.0	18.4
11 17	1 32.93	− 7 7.6	1.677	2.524	14.2	18.5
11 27	1 28.80	− 6 39.3	1.750	2.513	17.2	18.7

131377 2001 KQ_{33} 10 23.1 181°.21 3°.2/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.38	+ 1 43.2	2.489	3.338	10.7	19.8
9 28	2 9.35	+ 1 11.1	2.418	3.338	8.0	19.6
10 8	2 2.80	+ 0 38.1	2.373	3.338	5.2	19.4
10 18	1 55.25	+ 0 8.0	2.355	3.338	3.3	19.3
10 28	1 47.41	− 0 15.2	2.367	3.338	4.3	19.4
11 7	1 40.00	− 0 28.3	2.407	3.338	6.9	19.5
11 17	1 33.69	− 0 29.2	2.475	3.337	9.7	19.7
11 27	1 28.98	− 0 16.9	2.567	3.337	12.1	19.9

288021 2003 UF_{226} 10 23.1 352°.77 9°.0/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 4.59	+31 56.0	1.100	1.925	22.7	18.8
9 28	2 4.19	+32 22.0	1.028	1.912	19.4	18.5
10 8	2 0.65	+32 11.4	0.971	1.901	15.5	18.3
10 18	1 54.72	+31 19.7	0.933	1.893	11.6	18.0
10 28	1 47.87	+29 48.3	0.915	1.886	9.1	17.9
11 7	1 41.83	+27 47.3	0.918	1.882	10.1	17.9
11 17	1 38.10	+25 32.3	0.944	1.881	13.6	18.1
11 27	1 37.67	+23 20.8	0.990	1.881	17.8	18.4

51876 2001 PU_{41} 10 23.1 273°.05 2°.1/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.26	+20 49.5	2.555	3.360	11.8	18.8
9 28	2 7.92	+20 35.0	2.467	3.355	9.2	18.6
10 8	2 2.00	+20 7.5	2.402	3.350	6.3	18.4
10 18	1 55.00	+19 28.3	2.363	3.346	3.4	18.2
10 28	1 47.63	+18 40.0	2.354	3.341	2.3	18.1
11 7	1 40.66	+17 46.9	2.374	3.336	4.8	18.3
11 17	1 34.75	+16 53.9	2.423	3.332	7.9	18.5
11 27	1 30.48	+16 6.0	2.497	3.327	10.6	18.7

174676 2003 SE_{284} 10 23.1 347°.09 5°.2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.31	+23 1.4	1.299	2.128	19.7	20.1
9 28	2 14.76	+23 34.9	1.228	2.125	15.9	19.8
10 8	2 7.01	+23 46.7	1.175	2.123	11.4	19.6
10 18	1 56.88	+23 34.3	1.143	2.121	7.1	19.3
10 28	1 45.84	+22 59.5	1.137	2.120	5.3	19.2
11 7	1 35.63	+22 8.9	1.155	2.119	8.4	19.4
11 17	1 27.72	+21 12.5	1.197	2.118	13.0	19.7
11 27	1 23.10	+20 20.5	1.260	2.118	17.2	19.9

170599 2003 YT_{23} 10 23.1 300°.23 2°.8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.79	+ 6 44.1	1.690	2.551	14.3	20.3
9 28	2 10.52	+ 6 2.9	1.608	2.536	10.8	20.0
10 8	2 3.95	+ 5 14.2	1.549	2.520	6.7	19.8
10 18	1 55.75	+ 4 23.1	1.515	2.505	3.1	19.5
10 28	1 46.91	+ 3 36.0	1.508	2.490	4.4	19.6
11 7	1 38.59	+ 2 59.6	1.528	2.476	8.6	19.8
11 17	1 31.80	+ 2 38.6	1.573	2.461	12.7	20.0
11 27	1 27.32	+ 2 35.9	1.640	2.447	16.3	20.2

517494 2014 QW_{252} 10 23.1 64°.53 0°.5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.26	+10 23.7	2.207	3.045	12.3	21.5
9 28	2 10.94	+10 19.8	2.138	3.053	9.2	21.3
10 8	2 3.87	+10 9.6	2.093	3.061	5.7	21.1
10 18	1 55.64	+ 9 55.2	2.076	3.069	1.9	20.9
10 28	1 47.07	+ 9 39.8	2.088	3.077	2.1	20.9
11 7	1 39.05	+ 9 26.9	2.129	3.085	5.8	21.1
11 17	1 32.31	+ 9 19.7	2.197	3.093	9.2	21.4
11 27	1 27.42	+ 9 20.9	2.291	3.102	12.1	21.6

144612 2004 FD_{56} 10 23.1 155°.30 1°.8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.01	+ 8 9.3	2.289	3.132	11.7	21.3
9 28	2 9.93	+ 7 27.6	2.218	3.137	8.7	21.1
10 8	2 3.21	+ 6 39.9	2.173	3.142	5.3	20.9
10 18	1 55.40	+ 5 50.0	2.155	3.147	2.2	20.7
10 28	1 47.30	+ 5 2.5	2.167	3.151	3.1	20.8
11 7	1 39.70	+ 4 22.2	2.209	3.155	6.4	21.0
11 17	1 33.31	+ 3 52.8	2.277	3.158	9.6	21.2
11 27	1 28.68	+ 3 36.6	2.370	3.161	12.4	21.4

378140 2006 VF_{60} 10 23.1 292°.55 0°.6/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.09	+16 45.9	1.450	2.298	17.0	21.0
9 28	2 11.09	+16 2.7	1.373	2.291	13.0	20.8
10 8	2 4.45	+14 59.9	1.317	2.284	8.3	20.5
10 18	1 55.94	+13 41.0	1.285	2.277	3.1	20.1
10 28	1 46.77	+12 13.6	1.280	2.270	2.5	20.1
11 7	1 38.30	+10 47.4	1.301	2.264	7.8	20.4
11 17	1 31.70	+ 9 32.1	1.347	2.257	12.7	20.7
11 27	1 27.79	+ 8 35.0	1.415	2.251	16.9	20.9

328652 2009 SA_{243} 10 23.1 298°.02 0°.1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.13	+15 35.5	2.141	2.976	12.7	20.2
9 28	2 7.30	+14 31.8	2.054	2.967	9.6	20.0
10 8	2 1.72	+13 13.7	1.991	2.957	6.0	19.7
10 18	1 54.93	+11 45.2	1.955	2.948	2.0	19.4
10 28	1 47.74	+10 12.2	1.949	2.938	2.1	19.4
11 7	1 41.00	+ 8 42.1	1.972	2.929	6.1	19.7
11 17	1 35.48	+ 7 21.7	2.023	2.920	9.8	19.9
11 27	1 31.77	+ 6 16.2	2.098	2.911	13.0	20.1

523056 2016 QX_{90} 10 23.1 32°.88 9°.7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 13.01	− 7 19.5	1.394	2.273	15.7	20.1
9 28	2 9.20	− 9 20.3	1.357	2.281	12.6	19.9
10 8	2 3.03	−11 13.1	1.341	2.290	10.3	19.8
10 18	1 55.37	−12 46.4	1.350	2.300	9.8	19.8
10 28	1 47.40	−13 50.1	1.382	2.310	11.5	19.9
11 7	1 40.30	−14 19.4	1.438	2.320	14.2	20.1
11 17	1 35.03	−14 14.3	1.513	2.331	17.0	20.3
11 27	1 32.19	−13 38.4	1.606	2.343	19.5	20.6

222219 2000 FY_{3} 10 23.1 222°.71 0°.6/23.6 18

9 18	2 17.94	+15 26.2	1.768	2.602	15.0	21.3
9 28	2 12.82	+15 1.1	1.685	2.596	11.5	21.1
10 8	2 5.35	+14 21.8	1.625	2.589	7.3	20.9
10 18	1 56.23	+13 30.8	1.590	2.582	2.8	20.6
10 28	1 46.52	+12 33.0	1.583	2.574	2.2	20.5
11 7	1 37.38	+11 35.3	1.605	2.566	6.9	20.8
11 17	1 29.86	+10 44.4	1.653	2.558	11.2	21.0
11 27	1 24.72	+10 6.1	1.725	2.549	14.9	21.2

515568 2014 HB_{43} 10 23.1 181°.50 1°.1/21.9 18

9 18	2 14.14	+12 13.6	2.139	2.978	12.6	21.6
9 28	2 9.45	+11 8.8	2.062	2.979	9.4	21.4
10 8	2 2.99	+ 9 53.0	2.010	2.979	5.7	21.1
10 18	1 55.36	+ 8 30.5	1.986	2.979	2.0	20.9
10 28	1 47.38	+ 7 7.7	1.992	2.978	2.7	21.0
11 7	1 39.92	+ 5 51.2	2.027	2.978	6.5	21.2
11 17	1 33.74	+ 4 46.8	2.089	2.976	10.0	21.4
11 27	1 29.42	+ 3 58.4	2.176	2.975	13.1	21.6

50680 2000 EQ_{110} 10 23.1 293°.25 5°.3/18.2 18

9 18	2 12.70	+ 1 27.9	1.767	2.635	13.5	19.0
9 28	2 8.81	+ 0 1.4	1.690	2.619	10.2	18.8
10 8	2 2.82	− 1 29.9	1.637	2.604	7.0	18.6
10 18	1 55.36	− 2 58.2	1.610	2.588	5.3	18.4
10 28	1 47.35	− 4 14.7	1.611	2.573	6.9	18.5
11 7	1 39.84	− 5 12.0	1.637	2.558	10.3	18.7
11 17	1 33.76	− 5 45.6	1.688	2.543	13.8	18.9
11 27	1 29.80	− 5 54.0	1.759	2.528	16.9	19.0

304922 2007 RQ_{302} 10 23.1 191°.38 0°.8/23.9 18

9 18	2 13.98	+18 14.9	2.045	2.869	13.6	20.6
9 28	2 9.48	+17 18.3	1.964	2.868	10.4	20.4
10 8	2 3.07	+16 5.4	1.906	2.867	6.7	20.2
10 18	1 55.40	+14 39.6	1.875	2.866	2.7	19.9
10 28	1 47.34	+13 6.8	1.874	2.865	1.9	19.9
11 7	1 39.84	+11 34.5	1.902	2.863	6.0	20.1
11 17	1 33.71	+10 10.0	1.958	2.861	9.8	20.4
11 27	1 29.55	+ 8 59.6	2.039	2.859	13.1	20.6

488119 2015 VG_{102} 10 23.1 332°.41 2°.6/21.2 18

9 18	2 16.08	+ 4 41.5	1.940	2.794	13.1	20.3
9 28	2 11.11	+ 4 26.4	1.865	2.788	9.8	20.1
10 8	2 4.15	+ 4 8.3	1.813	2.783	6.1	19.9
10 18	1 55.80	+ 3 50.9	1.788	2.777	3.0	19.7
10 28	1 46.98	+ 3 38.4	1.790	2.772	3.9	19.7
11 7	1 38.69	+ 3 34.8	1.821	2.767	7.5	20.0
11 17	1 31.79	+ 3 42.7	1.878	2.763	11.1	20.2
11 27	1 26.96	+ 4 3.7	1.958	2.759	14.3	20.4

520675 2014 QS_{457} 10 23.1 340°.69 1°.7/21.8 18

9 18	2 15.42	+ 6 57.8	2.115	2.963	12.4	20.8
9 28	2 10.47	+ 6 47.9	2.039	2.959	9.2	20.6
10 8	2 3.68	+ 6 33.7	1.986	2.956	5.7	20.4
10 18	1 55.63	+ 6 18.2	1.961	2.952	2.3	20.2
10 28	1 47.15	+ 6 4.9	1.964	2.950	3.0	20.2
11 7	1 39.16	+ 5 57.5	1.996	2.947	6.6	20.4
11 17	1 32.45	+ 5 58.9	2.055	2.944	10.1	20.7
11 27	1 27.64	+ 6 11.1	2.138	2.942	13.1	20.9

334356 2001 YY_{97} 10 23.1 7°.57 3°.3/21.2 18

9 18	2 12.45	+ 6 50.5	1.047	1.938	18.8	19.4
9 28	2 9.59	+ 6 16.4	0.996	1.939	14.1	19.1
10 8	2 3.69	+ 5 33.9	0.964	1.941	8.7	18.9
10 18	1 55.70	+ 4 49.8	0.953	1.945	3.9	18.6
10 28	1 47.12	+ 4 13.1	0.965	1.951	5.3	18.7
11 7	1 39.56	+ 3 51.8	1.001	1.958	10.5	19.0
11 17	1 34.26	+ 3 50.5	1.057	1.967	15.5	19.3
11 27	1 32.04	+ 4 10.9	1.132	1.977	19.6	19.6

396038 2013 CH_{23} 10 23.1 128°.13 4°.5/18.8 18

9 18	2 14.92	+ 0 32.4	2.075	2.932	12.2	21.8
9 28	2 9.96	− 0 33.3	2.017	2.940	9.2	21.6
10 8	2 3.26	− 1 39.8	1.984	2.948	6.2	21.4
10 18	1 55.45	− 2 41.2	1.978	2.956	4.6	21.3
10 28	1 47.36	− 3 31.4	2.001	2.963	5.8	21.4
11 7	1 39.86	− 4 5.7	2.051	2.970	8.6	21.6
11 17	1 33.69	− 4 21.8	2.127	2.977	11.5	21.8
11 27	1 29.38	− 4 19.0	2.225	2.984	14.0	22.0

327137 2005 EV_{206} 10 23.1 151°.87 0°.4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.78	+13 46.4	1.794	2.630	14.7	22.2
9 28	2 13.19	+12 58.2	1.726	2.639	11.1	22.0
10 8	2 5.42	+11 56.8	1.680	2.647	6.9	21.8
10 18	1 56.22	+10 46.5	1.661	2.654	2.3	21.5
10 28	1 46.64	+ 9 33.6	1.671	2.661	2.5	21.5
11 7	1 37.78	+ 8 25.6	1.710	2.667	7.0	21.8
11 17	1 30.58	+ 7 28.8	1.776	2.672	11.0	22.1
11 27	1 25.67	+ 6 47.8	1.866	2.676	14.5	22.3

173414 2000 ED_{99} 10 23.1 344°.98 8°.2/27.7 17

9 18	2 18.58	+27 18.9	1.422	2.228	19.4	19.6
9 28	2 14.35	+28 41.4	1.343	2.218	16.3	19.3
10 8	2 6.90	+29 44.2	1.282	2.209	12.8	19.1
10 18	1 56.94	+30 21.6	1.243	2.200	9.6	18.9
10 28	1 45.83	+30 30.7	1.228	2.193	8.2	18.8
11 7	1 35.28	+30 14.3	1.237	2.187	9.7	18.9
11 17	1 26.86	+29 39.8	1.269	2.183	13.0	19.1
11 27	1 21.73	+28 57.7	1.323	2.179	16.6	19.3

71529 2000 CZ_{84} 10 23.1 332°.41 3°.3/20.2 18

9 18	2 12.62	+ 4 3.7	1.938	2.799	12.8	18.8
9 28	2 8.54	+ 3 21.5	1.863	2.790	9.5	18.6
10 8	2 2.55	+ 2 35.5	1.812	2.782	6.1	18.4
10 18	1 55.25	+ 1 50.4	1.787	2.774	3.5	18.2
10 28	1 47.51	+ 1 12.1	1.790	2.767	4.7	18.3
11 7	1 40.27	+ 0 45.6	1.820	2.759	8.1	18.5
11 17	1 34.34	+ 0 34.2	1.875	2.753	11.5	18.7
11 27	1 30.36	+ 0 39.7	1.953	2.747	14.6	18.9

516130 2015 UQ_{86} 10 23.1 37°.79 4°.4/19.5 18

9 18	2 15.62	− 0 29.5	2.035	2.892	12.4	20.8
9 28	2 10.56	− 1 3.6	1.973	2.896	9.4	20.6
10 8	2 3.68	− 1 36.7	1.936	2.900	6.4	20.4
10 18	1 55.62	− 2 4.2	1.925	2.904	4.5	20.3
10 28	1 47.24	− 2 21.1	1.942	2.908	5.5	20.4
11 7	1 39.44	− 2 24.1	1.987	2.913	8.4	20.6
11 17	1 33.00	− 2 11.5	2.057	2.918	11.4	20.8
11 27	1 28.49	− 1 43.1	2.150	2.923	14.1	21.0

34792 2001 SE_{10} 10 23.2 54°.08 0°.5/23.5 18

9 18	2 15.52	+16 25.4	1.411	2.260	17.3	18.9
9 28	2 11.22	+15 40.4	1.353	2.272	13.1	18.7
10 8	2 4.39	+14 37.4	1.317	2.284	8.3	18.5
10 18	1 55.90	+13 21.0	1.304	2.296	3.0	18.2
10 28	1 47.02	+11 58.9	1.318	2.309	2.4	18.2
11 7	1 39.05	+10 40.7	1.359	2.322	7.5	18.5
11 17	1 33.02	+ 9 34.8	1.424	2.335	12.1	18.8
11 27	1 29.62	+ 8 46.9	1.512	2.348	16.0	19.1

129331 2005 UZ_{25} 10 23.2 172°.82 0°.5/22.7 18

9 18	2 19.02	+11 54.7	1.983	2.818	13.6	20.5
9 28	2 13.26	+11 28.9	1.909	2.821	10.2	20.3
10 8	2 5.46	+10 53.5	1.857	2.824	6.3	20.1
10 18	1 56.27	+10 11.6	1.833	2.826	2.1	19.8
10 28	1 46.66	+ 9 27.7	1.838	2.827	2.4	19.8
11 7	1 37.64	+ 8 47.3	1.872	2.828	6.5	20.1
11 17	1 30.10	+ 8 15.1	1.934	2.828	10.4	20.4
11 27	1 24.70	+ 7 55.0	2.020	2.828	13.6	20.6

187255 2005 SD_{248} 10 23.2 183°.67 0°.3/23.5 18

9 18	2 14.94	+14 16.8	2.126	2.959	12.9	21.2
9 28	2 10.14	+13 58.3	2.049	2.959	9.8	21.0
10 8	2 3.49	+13 29.4	1.994	2.959	6.2	20.7
10 18	1 55.59	+12 52.3	1.967	2.959	2.2	20.5
10 28	1 47.28	+12 11.0	1.968	2.959	1.9	20.5
11 7	1 39.48	+11 30.4	1.998	2.958	5.8	20.7
11 17	1 32.97	+10 55.2	2.056	2.958	9.4	20.9
11 27	1 28.38	+10 29.7	2.138	2.958	12.5	21.2

165383 2000 WA_{173} 10 23.2 9°.53 27°.1/12.1 18

9 18	2 18.22	−39 8.0	0.839	1.663	28.2	17.5
9 28	2 14.53	−40 34.1	0.835	1.665	27.5	17.4
10 8	2 6.74	−41 2.9	0.840	1.670	27.2	17.5
10 18	1 56.64	−40 23.4	0.856	1.678	27.2	17.5
10 28	1 46.56	−38 32.7	0.884	1.689	27.6	17.6
11 7	1 38.54	−35 38.2	0.923	1.702	28.3	17.7
11 17	1 33.75	−31 53.9	0.974	1.717	29.2	17.9
11 27	1 32.66	−27 36.2	1.038	1.735	30.2	18.1

485248 2010 VG_{123} 10 23.2 227°.58 2°.7/26.1 18

9 18	2 14.03	+23 2.9	2.502	3.295	12.3	21.6
9 28	2 9.34	+22 45.1	2.408	3.287	9.8	21.4
10 8	2 2.96	+22 12.3	2.337	3.279	6.9	21.2
10 18	1 55.41	+21 25.3	2.293	3.271	4.0	21.0
10 28	1 47.45	+20 26.9	2.278	3.263	2.8	20.9
11 7	1 39.89	+19 21.7	2.293	3.254	5.0	21.1
11 17	1 33.47	+18 15.4	2.336	3.245	8.1	21.3
11 27	1 28.78	+17 13.7	2.406	3.236	11.0	21.4

279598 2011 EL_{12} 10 23.2 146°.08 0°.2/23.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.54	+13 35.3	1.880	2.714	14.2	22.5
9 28	2 12.95	+13 3.3	1.811	2.723	10.7	22.3
10 8	2 5.27	+12 19.8	1.765	2.731	6.7	22.1
10 18	1 56.20	+11 27.9	1.746	2.738	2.3	21.9
10 28	1 46.75	+10 32.9	1.756	2.745	2.2	21.9
11 7	1 37.99	+ 9 41.0	1.794	2.752	6.6	22.2
11 17	1 30.79	+ 8 57.7	1.860	2.758	10.5	22.4
11 27	1 25.80	+ 8 27.4	1.949	2.763	13.8	22.6

386721 2009 XN_{12} 10 23.2 338°.76 1°.8/24.3 18 R

9 18	2 13.81	+16 44.5	1.217	2.078	18.8	20.5
9 28	2 10.67	+16 42.1	1.143	2.067	14.6	20.2
10 8	2 4.51	+16 20.9	1.089	2.056	9.6	19.9
10 18	1 56.09	+15 42.5	1.056	2.047	4.1	19.5
10 28	1 46.79	+14 52.2	1.048	2.038	2.9	19.4
11 7	1 38.22	+13 58.5	1.063	2.031	8.3	19.7
11 17	1 31.77	+13 10.6	1.102	2.025	13.7	20.0
11 27	1 28.43	+12 36.8	1.161	2.020	18.3	20.3

485018 2009 WZ_{58} 10 23.2 178°.94 0°.8/24.2 18

9 18	2 12.26	+17 28.0	2.765	3.579	10.8	22.3
9 28	2 7.74	+16 52.4	2.682	3.580	8.2	22.1
10 8	2 1.83	+16 5.9	2.623	3.581	5.3	21.9
10 18	1 54.99	+15 10.7	2.592	3.581	2.2	21.7
10 28	1 47.88	+14 10.3	2.591	3.581	1.5	21.6
11 7	1 41.15	+13 9.2	2.620	3.581	4.6	21.9
11 17	1 35.41	+12 11.9	2.679	3.580	7.5	22.1
11 27	1 31.15	+11 22.5	2.764	3.580	10.1	22.2

519841 2013 LJ_{30} 10 23.2 142°.71 2°.1/21.1 18

9 18	2 14.72	+ 6 6.5	2.443	3.287	11.0	22.1
9 28	2 9.64	+ 5 35.1	2.374	3.293	8.2	21.9
10 8	2 3.02	+ 4 59.8	2.330	3.299	5.1	21.8
10 18	1 55.41	+ 4 24.1	2.314	3.304	2.4	21.6
10 28	1 47.51	+ 3 52.0	2.328	3.309	3.2	21.7
11 7	1 40.08	+ 3 27.2	2.371	3.314	6.2	21.9
11 17	1 33.78	+ 3 12.5	2.441	3.318	9.2	22.1
11 27	1 29.12	+ 3 9.8	2.536	3.323	11.8	22.2

380512 2004 FX_{44} 10 23.2 213°.98 4°.2/25.4 18

9 18	2 28.81	+20 20.0	1.876	2.670	15.8	20.9
9 28	2 21.24	+21 21.1	1.785	2.664	12.6	20.6
10 8	2 10.83	+22 10.5	1.717	2.658	9.0	20.4
10 18	1 58.27	+22 45.0	1.675	2.651	5.4	20.2
10 28	1 44.74	+23 3.4	1.663	2.644	4.3	20.1
11 7	1 31.67	+23 7.9	1.680	2.636	7.2	20.3
11 17	1 20.38	+23 3.0	1.726	2.627	11.0	20.5
11 27	1 11.86	+22 55.5	1.797	2.618	14.5	20.7

321613 2009 VA_{86} 10 23.2 349°.60 0°.4/22.4 18

9 18	2 6.66	+10 45.0	4.047	4.878	7.3	20.8
9 28	2 3.19	+10 21.2	3.965	4.877	5.4	20.7
10 8	1 58.85	+ 9 53.1	3.908	4.875	3.3	20.5
10 18	1 53.95	+ 9 22.5	3.881	4.874	1.1	20.3
10 28	1 48.86	+ 8 51.6	3.885	4.873	1.4	20.4
11 7	1 44.00	+ 8 22.7	3.919	4.872	3.6	20.5
11 17	1 39.72	+ 7 58.0	3.982	4.871	5.6	20.7
11 27	1 36.36	+ 7 39.3	4.071	4.870	7.5	20.8

262284 2006 SA_{369} 10 23.2 188°.24 3°.3/26.5 18

9 18	2 15.87	+23 57.9	2.186	2.980	13.9	21.0
9 28	2 10.92	+23 49.2	2.102	2.980	11.1	20.8
10 8	2 4.03	+23 23.6	2.039	2.979	7.9	20.6
10 18	1 55.80	+22 41.5	2.002	2.978	4.7	20.4
10 28	1 47.12	+21 45.7	1.994	2.977	3.4	20.3
11 7	1 38.96	+20 41.3	2.014	2.975	5.7	20.4
11 17	1 32.16	+19 34.9	2.063	2.974	8.9	20.6
11 27	1 27.38	+18 33.1	2.137	2.972	12.0	20.8

303182 2004 FB_{75} 10 23.2 12°.25 1°.9/21.6 18

9 18	2 13.41	+ 9 31.4	1.615	2.477	14.9	20.8
9 28	2 9.42	+ 8 46.1	1.551	2.478	11.1	20.6
10 8	2 3.22	+ 7 51.0	1.508	2.480	6.8	20.4
10 18	1 55.53	+ 6 51.5	1.491	2.483	2.6	20.1
10 28	1 47.41	+ 5 54.2	1.500	2.486	3.6	20.2
11 7	1 39.96	+ 5 6.2	1.537	2.490	7.9	20.5
11 17	1 34.13	+ 4 32.7	1.598	2.494	12.0	20.7
11 27	1 30.58	+ 4 17.1	1.681	2.499	15.5	21.0

141366 2002 AJ_{44} 10 23.2 325°.23 1°.2/22.1 18

9 18	2 13.52	+10 29.8	1.877	2.728	13.6	20.5
9 28	2 9.32	+ 9 54.8	1.800	2.723	10.2	20.3
10 8	2 3.10	+ 9 10.4	1.746	2.717	6.3	20.1
10 18	1 55.50	+ 8 20.4	1.718	2.711	2.2	19.8
10 28	1 47.43	+ 7 30.4	1.719	2.706	2.9	19.8
11 7	1 39.88	+ 6 46.2	1.746	2.701	7.0	20.1
11 17	1 33.73	+ 6 12.9	1.800	2.696	10.9	20.3
11 27	1 29.64	+ 5 54.0	1.877	2.692	14.2	20.5

253705 2003 UK_{314} 10 23.2 62°.09 1°.3/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 21.98	+ 9 57.1	1.210	2.073	18.7	21.0
9 28	2 16.24	+ 9 43.3	1.164	2.092	14.0	20.7
10 8	2 7.56	+ 9 19.3	1.139	2.111	8.6	20.5
10 18	1 57.01	+ 8 49.5	1.138	2.131	2.9	20.2
10 28	1 46.12	+ 8 20.2	1.161	2.150	3.5	20.3
11 7	1 36.45	+ 7 58.3	1.211	2.170	8.8	20.7
11 17	1 29.16	+ 7 48.7	1.284	2.190	13.6	21.0
11 27	1 24.96	+ 7 54.5	1.378	2.210	17.5	21.3

379609 2011 CS_{72} 10 23.2 213°.62 0°.9/22.5 18

9 18	2 19.27	+11 4.4	1.806	2.647	14.4	21.7
9 28	2 13.74	+10 38.1	1.725	2.641	10.9	21.5
10 8	2 5.93	+10 1.9	1.667	2.635	6.8	21.2
10 18	1 56.50	+ 9 19.0	1.636	2.629	2.3	20.9
10 28	1 46.50	+ 8 34.5	1.633	2.622	2.8	20.9
11 7	1 37.08	+ 7 54.5	1.659	2.614	7.3	21.2
11 17	1 29.23	+ 7 24.3	1.711	2.606	11.4	21.4
11 27	1 23.72	+ 7 7.8	1.786	2.597	15.0	21.7

176646 2002 NM_{19} 10 23.2 79°.09 3°.9/20.4 17

9 18	2 19.64	+ 6 3.3	1.391	2.255	16.6	20.3
9 28	2 14.01	+ 4 50.7	1.351	2.280	12.3	20.1
10 8	2 5.94	+ 3 32.0	1.334	2.306	7.6	19.9
10 18	1 56.41	+ 2 15.4	1.342	2.330	4.1	19.7
10 28	1 46.72	+ 1 9.8	1.377	2.355	5.5	19.9
11 7	1 38.12	+ 0 22.1	1.438	2.379	9.6	20.2
11 17	1 31.57	− 0 3.8	1.523	2.403	13.5	20.5
11 27	1 27.64	− 0 7.3	1.629	2.426	16.8	20.8

485331 2011 BC_{95} 10 23.2 208°.36 7°.0/14.8 18

9 18	2 13.30	−12 16.6	2.661	3.501	10.3	21.8
9 28	2 8.51	−13 23.4	2.603	3.498	8.6	21.7
10 8	2 2.31	−14 22.9	2.570	3.494	7.3	21.6
10 18	1 55.18	−15 9.6	2.564	3.490	7.0	21.6
10 28	1 47.78	−15 39.0	2.586	3.486	8.0	21.6
11 7	1 40.81	−15 48.5	2.633	3.482	9.7	21.7
11 17	1 34.87	−15 37.5	2.704	3.477	11.5	21.9
11 27	1 30.44	−15 7.2	2.796	3.473	13.2	22.0

484065 2006 HL_{54} 10 23.2 204°.18 0°.9/24.2 17

9 18	2 14.73	+16 3.7	2.892	3.704	10.4	22.1
9 28	2 9.58	+15 57.6	2.802	3.700	7.9	21.9
10 8	2 3.00	+15 43.0	2.738	3.695	5.2	21.8
10 18	1 55.44	+15 21.1	2.701	3.690	2.2	21.5
10 28	1 47.53	+14 54.2	2.695	3.685	1.5	21.5
11 7	1 39.96	+14 25.4	2.719	3.679	4.5	21.7
11 17	1 33.34	+13 58.2	2.773	3.674	7.3	21.9
11 27	1 28.18	+13 35.9	2.853	3.667	9.9	22.0

271538 2004 JN_{3} 10 23.2 201°.29 2°.1/21.6 18

9 18	2 20.29	+ 7 7.9	1.884	2.728	13.8	21.1
9 28	2 14.37	+ 6 43.0	1.806	2.725	10.4	20.9
10 8	2 6.25	+ 6 12.2	1.752	2.721	6.4	20.7
10 18	1 56.61	+ 5 39.2	1.726	2.717	2.7	20.4
10 28	1 46.45	+ 5 9.1	1.728	2.712	3.6	20.5
11 7	1 36.88	+ 4 46.8	1.758	2.706	7.6	20.7
11 17	1 28.84	+ 4 36.0	1.816	2.700	11.4	21.0
11 27	1 23.06	+ 4 39.3	1.896	2.694	14.8	21.2

274148 2008 FU_{66} 10 23.2 258°.67 1°.7/21.9 18

9 18	2 18.13	+ 9 39.2	1.563	2.417	15.6	21.5
9 28	2 13.24	+ 9 6.5	1.484	2.408	11.8	21.3
10 8	2 5.79	+ 8 23.5	1.427	2.398	7.3	21.0
10 18	1 56.50	+ 7 34.5	1.395	2.387	2.7	20.7
10 28	1 46.53	+ 6 45.9	1.390	2.377	3.6	20.7
11 7	1 37.16	+ 6 4.7	1.412	2.366	8.4	21.0
11 17	1 29.56	+ 5 36.8	1.459	2.356	12.9	21.2
11 27	1 24.54	+ 5 26.1	1.528	2.345	16.8	21.5

77995 2002 JJ_{40} 10 23.2 107°.04 1°.6/24.6 18

9 18	2 18.38	+18 24.0	1.958	2.776	14.4	20.2
9 28	2 12.74	+18 4.4	1.895	2.794	11.0	20.0
10 8	2 5.09	+17 30.6	1.855	2.812	7.2	19.8
10 18	1 56.16	+16 44.5	1.841	2.829	3.3	19.6
10 28	1 46.94	+15 50.4	1.856	2.846	2.2	19.6
11 7	1 38.44	+14 54.4	1.900	2.862	5.8	19.8
11 17	1 31.50	+14 2.4	1.972	2.878	9.5	20.1
11 27	1 26.72	+13 19.7	2.068	2.894	12.7	20.3

252074 2000 SR_{238} 10 23.2 318°.92 5°.2/20.0 18

9 18	2 16.71	+ 3 2.7	1.213	2.093	17.5	19.6
9 28	2 12.70	+ 2 10.6	1.146	2.082	13.3	19.4
10 8	2 5.69	+ 1 13.2	1.099	2.072	8.7	19.1
10 18	1 56.51	+ 0 18.8	1.076	2.062	5.4	18.9
10 28	1 46.55	− 0 23.1	1.076	2.053	7.0	18.9
11 7	1 37.38	− 0 44.8	1.101	2.044	11.6	19.2
11 17	1 30.33	− 0 41.8	1.147	2.036	16.3	19.4
11 27	1 26.32	− 0 13.6	1.212	2.028	20.4	19.7

452740 2006 BJ_{69} 10 23.2 234°.27 4°.2/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.67	+25 58.8	2.493	3.268	12.9	22.1
9 28	2 11.44	+26 19.4	2.401	3.262	10.5	21.9
10 8	2 4.36	+26 25.3	2.330	3.256	7.8	21.8
10 18	1 55.97	+26 15.6	2.286	3.249	5.3	21.6
10 28	1 47.06	+25 51.3	2.270	3.243	4.2	21.5
11 7	1 38.52	+25 15.4	2.282	3.236	5.7	21.6
11 17	1 31.19	+24 32.8	2.323	3.230	8.3	21.8
11 27	1 25.72	+23 49.2	2.390	3.223	10.9	21.9

139695 2001 QY_{218} 10 23.2 92°.41 1°.4/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.11	+17 31.3	1.953	2.778	14.1	20.5
9 28	2 11.16	+17 17.7	1.882	2.785	10.9	20.3
10 8	2 4.20	+16 50.5	1.833	2.793	7.1	20.1
10 18	1 55.89	+16 11.7	1.811	2.800	3.1	19.8
10 28	1 47.18	+15 25.1	1.816	2.807	2.1	19.8
11 7	1 39.08	+14 36.4	1.851	2.813	5.9	20.0
11 17	1 32.46	+13 51.2	1.912	2.820	9.7	20.3
11 27	1 27.95	+13 14.8	1.998	2.827	12.9	20.5

348349 2005 EQ_{102} 10 23.2 359°.82 19°.6/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 27.65	+39 52.1	0.968	1.740	28.7	19.7
9 28	2 23.80	+43 10.7	0.912	1.737	26.1	19.5
10 8	2 14.43	+45 57.9	0.869	1.735	23.4	19.3
10 18	2 0.06	+47 55.3	0.842	1.735	21.1	19.2
10 28	1 42.97	+48 48.4	0.831	1.735	19.7	19.1
11 7	1 26.73	+48 35.2	0.837	1.737	19.8	19.1
11 17	1 14.66	+47 27.9	0.859	1.739	21.2	19.2
11 27	1 8.77	+45 48.5	0.897	1.743	23.4	19.4

495162 2012 GF_2 10 23.2 84°.31 6°.8/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 42.90	+16 49.0	0.948	1.782	24.9	20.9
9 28	2 33.79	+19 15.9	0.893	1.796	19.8	20.6
10 8	2 19.58	+21 31.8	0.858	1.810	13.9	20.4
10 18	2 1.47	+23 25.0	0.845	1.824	8.4	20.1
10 28	1 41.98	+24 46.2	0.857	1.838	7.2	20.1
11 7	1 24.13	+25 35.4	0.895	1.852	11.5	20.4
11 17	1 10.31	+26 0.9	0.956	1.865	16.7	20.7
11 27	1 1.76	+26 15.8	1.036	1.879	21.2	21.1

254220 2004 RA_{94} 10 23.2 160°.08 4°.3/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.12	+26 28.1	2.307	3.085	13.7	20.5
9 28	2 11.09	+26 38.3	2.223	3.086	11.1	20.4
10 8	2 4.15	+26 31.9	2.161	3.088	8.3	20.2
10 18	1 55.89	+26 8.2	2.125	3.089	5.6	20.0
10 28	1 47.17	+25 28.9	2.116	3.091	4.3	20.0
11 7	1 38.94	+24 38.1	2.136	3.092	5.8	20.1
11 17	1 32.03	+23 41.7	2.184	3.093	8.6	20.2
11 27	1 27.10	+22 46.0	2.257	3.094	11.4	20.4

18071 2000 BA_{27} 10 23.2 333°.32 0°.7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 7.28	+16 13.4	4.221	5.032	7.4	18.8
9 28	2 3.66	+16 1.8	4.133	5.030	5.6	18.6
10 8	1 59.17	+15 44.2	4.071	5.028	3.6	18.5
10 18	1 54.11	+15 21.8	4.037	5.025	1.6	18.3
10 28	1 48.86	+14 56.2	4.033	5.023	1.1	18.3
11 7	1 43.81	+14 29.6	4.061	5.021	3.1	18.5
11 17	1 39.35	+14 4.2	4.118	5.019	5.1	18.6
11 27	1 35.79	+13 42.1	4.202	5.017	6.9	18.7

226056 2002 GC_{137} 10 23.2 75°.00 2°.3/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.80	+24 41.4	2.216	3.009	13.7	19.5
9 28	2 9.12	+23 33.1	2.147	3.028	10.8	19.3
10 8	2 2.75	+22 5.4	2.102	3.047	7.4	19.2
10 18	1 55.35	+20 21.6	2.084	3.066	3.9	19.0
10 28	1 47.77	+18 27.6	2.097	3.084	2.4	18.9
11 7	1 40.86	+16 31.3	2.139	3.103	5.2	19.1
11 17	1 35.31	+14 40.7	2.212	3.121	8.5	19.4
11 27	1 31.61	+13 2.5	2.311	3.140	11.4	19.6

295871 2008 WJ_{27} 10 23.2 269°.49 2°.1/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.36	+20 9.2	1.790	2.612	15.3	20.9
9 28	2 11.00	+19 44.2	1.701	2.601	12.0	20.7
10 8	2 4.34	+19 0.8	1.634	2.590	8.1	20.4
10 18	1 56.02	+18 0.4	1.591	2.578	3.9	20.1
10 28	1 47.08	+16 47.4	1.577	2.566	2.6	20.0
11 7	1 38.66	+15 29.3	1.590	2.555	6.5	20.2
11 17	1 31.80	+14 14.3	1.630	2.543	10.7	20.5
11 27	1 27.28	+13 9.9	1.694	2.531	14.5	20.7

453467 2009 SL_{148} 10 23.2 18°.20 0°.0/23.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.06	+13 38.6	1.970	2.812	13.4	21.7
9 28	2 8.86	+13 12.0	1.899	2.815	10.1	21.5
10 8	2 2.77	+12 34.5	1.851	2.818	6.3	21.3
10 18	1 55.42	+11 49.2	1.829	2.822	2.2	21.0
10 28	1 47.68	+11 0.8	1.835	2.825	2.0	21.0
11 7	1 40.50	+10 14.8	1.870	2.830	6.1	21.3
11 17	1 34.68	+ 9 36.2	1.931	2.834	9.9	21.5
11 27	1 30.82	+ 9 9.3	2.015	2.839	13.1	21.8

15429 1998 UA_{23} 10 23.2 266°.57 0°.9/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.26	+11 5.4	1.670	2.518	15.1	18.7
9 28	2 13.31	+10 42.0	1.583	2.502	11.5	18.4
10 8	2 5.87	+10 7.8	1.517	2.486	7.2	18.1
10 18	1 56.60	+ 9 26.1	1.477	2.470	2.5	17.8
10 28	1 46.56	+ 8 42.0	1.464	2.453	2.9	17.8
11 7	1 37.02	+ 8 2.3	1.479	2.436	7.8	18.0
11 17	1 29.11	+ 7 32.6	1.520	2.419	12.3	18.3
11 27	1 23.70	+ 7 17.8	1.583	2.402	16.2	18.5

71902 2000 WB_{25} 10 23.2 333°.09 0°.1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.26	+11 40.7	1.139	2.010	19.0	18.3
9 28	2 13.48	+11 47.7	1.067	1.998	14.6	18.0
10 8	2 6.42	+11 42.6	1.014	1.987	9.2	17.6
10 18	1 56.87	+11 27.7	0.983	1.976	3.2	17.3
10 28	1 46.31	+11 8.1	0.976	1.967	3.1	17.2
11 7	1 36.51	+10 50.7	0.993	1.959	9.2	17.6
11 17	1 29.00	+10 42.2	1.033	1.951	14.8	17.8
11 27	1 24.85	+10 48.0	1.091	1.945	19.6	18.1

135045 2001 OF_{32} 10 23.2 100°.79 6°.6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.52	+32 28.0	2.106	2.851	15.8	19.7
9 28	2 14.58	+32 55.9	2.038	2.869	13.3	19.5
10 8	2 6.39	+33 2.3	1.989	2.886	10.5	19.4
10 18	1 56.69	+32 45.1	1.964	2.903	8.0	19.2
10 28	1 46.56	+32 5.3	1.965	2.920	6.6	19.2
11 7	1 37.16	+31 7.3	1.994	2.936	7.3	19.3
11 17	1 29.43	+29 58.4	2.051	2.952	9.5	19.4
11 27	1 24.08	+28 46.9	2.132	2.968	12.0	19.6

23111 Fritzperls 10 23.2 244°.10 4°.9/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.64	+ 2 33.7	1.536	2.402	15.3	17.8
9 28	2 12.77	+ 1 32.7	1.469	2.397	11.5	17.5
10 8	2 5.44	+ 0 27.6	1.423	2.392	7.6	17.3
10 18	1 56.40	− 0 34.3	1.403	2.387	4.9	17.1
10 28	1 46.81	− 1 24.8	1.410	2.381	6.4	17.2
11 7	1 37.91	− 1 57.3	1.442	2.376	10.3	17.4
11 17	1 30.77	− 2 7.8	1.499	2.370	14.2	17.7
11 27	1 26.17	− 1 55.6	1.575	2.365	17.7	17.9

208756 2002 PK_{15} 10 23.2 33°.74 3°.3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.26	+21 46.9	1.532	2.360	17.3	20.2
9 28	2 11.08	+21 39.9	1.468	2.368	13.6	20.0
10 8	2 4.40	+21 12.5	1.424	2.377	9.4	19.8
10 18	1 56.03	+20 25.9	1.404	2.387	5.1	19.6
10 28	1 47.19	+19 24.7	1.409	2.397	3.4	19.5
11 7	1 39.15	+18 16.6	1.442	2.407	6.8	19.7
11 17	1 32.97	+17 10.2	1.499	2.418	11.0	20.0
11 27	1 29.37	+16 13.3	1.580	2.430	14.7	20.2

433922 2015 CP_1 10 23.2 225°.41 4°.9/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.54	+23 38.8	1.551	2.360	17.9	21.5
9 28	2 16.13	+24 6.7	1.470	2.356	14.5	21.3
10 8	2 7.80	+24 14.8	1.410	2.352	10.5	21.1
10 18	1 57.30	+24 1.0	1.372	2.347	6.6	20.8
10 28	1 45.95	+23 26.5	1.361	2.342	5.0	20.7
11 7	1 35.27	+22 37.2	1.376	2.337	7.7	20.9
11 17	1 26.60	+21 41.5	1.417	2.332	11.8	21.1
11 27	1 20.90	+20 48.7	1.481	2.327	15.7	21.3

70001 1998 XB_7 10 23.2 151°.67 1°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.74	+19 17.1	2.495	3.306	11.9	19.9
9 28	2 8.29	+18 44.9	2.414	3.309	9.1	19.7
10 8	2 2.29	+17 59.8	2.357	3.312	6.1	19.5
10 18	1 55.25	+17 3.8	2.327	3.314	2.8	19.3
10 28	1 47.91	+16 0.6	2.327	3.317	1.8	19.3
11 7	1 41.01	+14 55.2	2.357	3.319	4.9	19.5
11 17	1 35.22	+13 53.0	2.415	3.321	8.0	19.7
11 27	1 31.08	+12 58.6	2.499	3.323	10.8	19.9

274091 2008 CE_{63} 10 23.2 316°.95 18°.7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.40	−18 47.2	0.970	1.854	20.6	19.3
9 28	2 10.00	−22 49.0	0.942	1.845	19.0	19.2
10 8	2 4.22	−26 25.6	0.933	1.836	18.8	19.1
10 18	1 56.07	−29 14.1	0.944	1.828	20.2	19.2
10 28	1 47.18	−30 58.7	0.972	1.820	22.5	19.3
11 7	1 39.37	−31 35.3	1.015	1.813	25.0	19.5
11 17	1 34.04	−31 9.4	1.069	1.806	27.4	19.7
11 27	1 32.06	−29 51.4	1.132	1.800	29.5	19.8

26583 2000 EF_{109} 10 23.2 318°.86 3°.5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.49	+25 26.0	2.224	3.016	13.7	18.4
9 28	2 8.44	+25 5.3	2.135	3.011	11.0	18.2
10 8	2 2.54	+24 26.2	2.069	3.006	8.0	18.0
10 18	1 55.38	+23 29.5	2.028	3.001	4.9	17.8
10 28	1 47.79	+22 18.2	2.014	2.997	3.5	17.7
11 7	1 40.68	+20 58.1	2.030	2.992	5.5	17.9
11 17	1 34.85	+19 36.1	2.074	2.988	8.7	18.1
11 27	1 30.92	+18 19.3	2.143	2.984	11.7	18.2

299136 2005 EY_{237} 10 23.2 122°.97 4°.7/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 22.69	+23 26.7	1.929	2.721	15.5	21.1
9 28	2 16.43	+24 14.6	1.851	2.725	12.5	20.9
10 8	2 7.71	+24 47.2	1.794	2.729	9.2	20.7
10 18	1 57.23	+25 2.5	1.762	2.732	6.0	20.5
10 28	1 46.07	+25 0.5	1.759	2.736	4.7	20.4
11 7	1 35.49	+24 44.5	1.784	2.739	6.8	20.6
11 17	1 26.59	+24 20.0	1.836	2.742	10.1	20.8
11 27	1 20.18	+23 53.7	1.912	2.746	13.2	21.0

110221 2001 SB_{222} 10 23.2 230°.52 2°.9/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.64	+ 5 57.7	2.142	2.995	12.1	20.2
9 28	2 9.16	+ 4 54.8	2.066	2.989	9.0	20.0
10 8	2 2.93	+ 3 45.9	2.013	2.983	5.7	19.7
10 18	1 55.51	+ 2 35.9	1.989	2.977	3.0	19.6
10 28	1 47.69	+ 1 31.1	1.993	2.970	4.3	19.6
11 7	1 40.34	+ 0 37.3	2.026	2.963	7.5	19.8
11 17	1 34.21	− 0 1.4	2.086	2.956	10.8	20.0
11 27	1 29.89	− 0 22.5	2.168	2.949	13.7	20.2

147227 2002 XM_{34} 10 23.2 343°.14 5°.1/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.25	+24 20.7	1.372	2.196	19.1	19.4
9 28	2 12.37	+24 35.5	1.298	2.192	15.4	19.1
10 8	2 5.54	+24 26.8	1.241	2.187	11.2	18.9
10 18	1 56.53	+23 52.9	1.207	2.184	7.0	18.6
10 28	1 46.72	+22 56.6	1.198	2.181	5.1	18.5
11 7	1 37.66	+21 45.7	1.213	2.178	8.0	18.7
11 17	1 30.69	+20 30.5	1.253	2.176	12.3	18.9
11 27	1 26.76	+19 21.7	1.315	2.174	16.5	19.2

134401 1997 MB_{10} 10 23.2 154°.85 2°.4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.88	+ 6 30.9	2.256	3.100	11.8	20.8
9 28	2 10.65	+ 5 42.2	2.188	3.107	8.8	20.7
10 8	2 3.76	+ 4 48.4	2.145	3.114	5.4	20.5
10 18	1 55.77	+ 3 53.7	2.130	3.119	2.6	20.3
10 28	1 47.49	+ 3 3.4	2.145	3.125	3.6	20.4
11 7	1 39.74	+ 2 22.2	2.189	3.130	6.8	20.6
11 17	1 33.22	+ 1 53.6	2.260	3.134	10.0	20.8
11 27	1 28.49	+ 1 39.7	2.355	3.138	12.7	21.0

119283 2001 RV_{100} 10 23.2 73°.73 1°.5/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.57	+16 20.4	1.465	2.301	17.5	20.5
9 28	2 16.34	+16 19.9	1.417	2.326	13.3	20.3
10 8	2 7.52	+16 4.3	1.390	2.352	8.6	20.1
10 18	1 57.08	+15 35.6	1.387	2.377	3.6	19.8
10 28	1 46.35	+14 58.5	1.411	2.402	2.5	19.8
11 7	1 36.71	+14 19.8	1.463	2.427	7.1	20.2
11 17	1 29.18	+13 46.0	1.541	2.451	11.4	20.5
11 27	1 24.44	+13 22.5	1.641	2.475	15.0	20.8

141575 2002 GD_{142} 10 23.2 259°.84 1°.5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.39	+ 9 45.2	1.787	2.637	14.2	20.0
9 28	2 11.64	+ 9 10.3	1.707	2.628	10.7	19.7
10 8	2 4.68	+ 8 26.1	1.649	2.620	6.6	19.5
10 18	1 56.17	+ 7 36.5	1.618	2.611	2.4	19.2
10 28	1 47.09	+ 6 47.4	1.615	2.602	3.2	19.2
11 7	1 38.56	+ 6 4.9	1.640	2.593	7.5	19.5
11 17	1 31.54	+ 5 34.2	1.690	2.584	11.6	19.7
11 27	1 26.76	+ 5 19.2	1.764	2.575	15.1	19.9

208095 2000 AB_{19} 10 23.2 318°.57 7°.7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.70	+33 44.7	1.687	2.452	18.4	19.4
9 28	2 10.98	+33 55.7	1.598	2.442	15.7	19.2
10 8	2 4.57	+33 38.6	1.527	2.432	12.6	19.0
10 18	1 56.19	+32 50.2	1.478	2.423	9.6	18.8
10 28	1 47.07	+31 31.2	1.453	2.414	7.8	18.7
11 7	1 38.58	+29 48.2	1.454	2.405	8.5	18.7
11 17	1 31.96	+27 51.6	1.480	2.397	11.3	18.8
11 27	1 28.08	+25 53.9	1.531	2.389	14.6	19.0

220940 2005 JG_{99} 10 23.2 78°.81 1°.1/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.25	+11 19.2	1.416	2.268	17.1	20.6
9 28	2 15.33	+10 45.9	1.370	2.292	12.7	20.4
10 8	2 6.87	+10 1.5	1.346	2.316	7.8	20.2
10 18	1 56.85	+ 9 10.7	1.346	2.339	2.6	20.0
10 28	1 46.59	+ 8 20.6	1.374	2.363	3.1	20.1
11 7	1 37.42	+ 7 38.1	1.429	2.386	8.0	20.4
11 17	1 30.34	+ 7 8.7	1.509	2.409	12.3	20.7
11 27	1 25.97	+ 6 55.7	1.610	2.431	15.9	21.0

90618 1072 T-1 10 23.2 229°.40 0°.8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.77	+15 40.5	1.816	2.647	14.8	20.9
9 28	2 13.51	+15 21.7	1.730	2.638	11.4	20.7
10 8	2 5.90	+14 49.1	1.665	2.628	7.3	20.4
10 18	1 56.61	+14 4.8	1.627	2.618	2.9	20.1
10 28	1 46.69	+13 13.1	1.617	2.608	2.1	20.1
11 7	1 37.29	+12 20.3	1.635	2.597	6.7	20.3
11 17	1 29.46	+11 33.0	1.681	2.585	11.0	20.6
11 27	1 23.99	+10 57.0	1.749	2.573	14.7	20.8

291240 2006 BE_{39} 10 23.2 204°.76 1°.8/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.72	+19 18.7	2.588	3.394	11.6	21.1
9 28	2 9.80	+19 11.4	2.501	3.391	9.1	21.0
10 8	2 3.26	+18 52.6	2.437	3.388	6.1	20.8
10 18	1 55.63	+18 23.2	2.400	3.384	3.1	20.6
10 28	1 47.61	+17 45.8	2.392	3.381	2.1	20.5
11 7	1 39.98	+17 4.2	2.415	3.377	4.8	20.7
11 17	1 33.44	+16 22.9	2.466	3.372	7.9	20.9
11 27	1 28.54	+15 46.2	2.543	3.368	10.6	21.0

319341 2006 BB_{268} 10 23.2 179°.46 8°.3/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.17	−19 43.0	2.917	3.735	10.1	21.0
9 28	2 8.36	−21 7.5	2.874	3.736	8.9	21.0
10 8	2 2.22	−22 20.9	2.857	3.737	8.3	20.9
10 18	1 55.23	−23 17.7	2.865	3.737	8.4	20.9
10 28	1 48.01	−23 53.7	2.898	3.737	9.3	21.0
11 7	1 41.21	−24 7.0	2.956	3.736	10.5	21.1
11 17	1 35.38	−23 57.7	3.036	3.736	11.9	21.2
11 27	1 30.99	−23 27.6	3.133	3.734	13.1	21.3

331380 2012 DS_{88} 10 23.2 165°.95 2°.0/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.92	+ 9 35.3	1.827	2.672	14.2	22.2
9 28	2 13.32	+ 8 35.7	1.758	2.677	10.6	22.0
10 8	2 5.59	+ 7 26.3	1.713	2.682	6.5	21.8
10 18	1 56.46	+ 6 12.5	1.695	2.687	2.6	21.6
10 28	1 46.92	+ 5 1.1	1.706	2.690	3.6	21.7
11 7	1 38.07	+ 3 59.3	1.745	2.692	7.7	21.9
11 17	1 30.80	+ 3 12.4	1.811	2.694	11.6	22.2
11 27	1 25.77	+ 2 43.7	1.900	2.695	14.8	22.4

472407 2015 BX_{243} 10 23.2 212°.10 2°.7/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.06	+ 8 25.0	1.518	2.377	15.8	21.7
9 28	2 13.16	+ 7 29.1	1.448	2.374	11.8	21.5
10 8	2 5.74	+ 6 23.0	1.399	2.371	7.3	21.2
10 18	1 56.56	+ 5 12.6	1.376	2.367	3.2	21.0
10 28	1 46.81	+ 4 5.9	1.380	2.364	4.5	21.1
11 7	1 37.78	+ 3 11.2	1.411	2.360	9.0	21.3
11 17	1 30.55	+ 2 34.2	1.466	2.355	13.4	21.6
11 27	1 25.92	+ 2 18.4	1.543	2.350	17.1	21.8

332603 2008 SW_{276} 10 23.2 353°.56 0°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.04	+19 36.0	2.246	3.065	12.7	20.3
9 28	2 7.20	+18 28.3	2.163	3.063	9.8	20.1
10 8	2 1.70	+17 4.2	2.104	3.062	6.4	19.9
10 18	1 55.10	+15 27.1	2.072	3.062	2.6	19.7
10 28	1 48.18	+13 42.9	2.070	3.061	1.7	19.6
11 7	1 41.75	+11 58.8	2.099	3.061	5.4	19.9
11 17	1 36.51	+10 22.3	2.156	3.060	8.9	20.1
11 27	1 33.02	+ 8 59.3	2.239	3.060	12.0	20.3

186030 2001 QL_{285} 10 23.2 27°.65 3°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.50	+ 9 6.6	1.302	2.178	16.9	19.3
9 28	2 9.14	+ 7 16.7	1.247	2.182	12.5	19.0
10 8	2 3.25	+ 5 12.7	1.213	2.188	7.7	18.8
10 18	1 55.68	+ 3 5.2	1.204	2.194	4.0	18.6
10 28	1 47.68	+ 1 6.9	1.221	2.200	5.9	18.7
11 7	1 40.54	− 0 30.4	1.264	2.207	10.5	19.0
11 17	1 35.30	− 1 39.5	1.329	2.214	14.8	19.3
11 27	1 32.66	− 2 17.7	1.415	2.222	18.4	19.5

169989 2002 TN_{234} 10 23.2 342°.13 7°.0/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.89	+31 13.0	1.572	2.360	18.7	18.7
9 28	2 9.68	+31 22.3	1.489	2.351	15.7	18.5
10 8	2 3.79	+31 3.8	1.424	2.344	12.3	18.3
10 18	1 55.94	+30 15.1	1.381	2.337	9.0	18.0
10 28	1 47.37	+28 57.8	1.362	2.331	7.0	17.9
11 7	1 39.46	+27 19.2	1.368	2.325	8.2	18.0
11 17	1 33.43	+25 30.2	1.399	2.321	11.4	18.2
11 27	1 30.15	+23 43.0	1.454	2.317	15.0	18.4

383838 2008 GA_{100} 10 23.2 89°.22 0°.7/22.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.52	+12 41.4	1.561	2.407	16.1	21.5
9 28	2 13.92	+12 0.8	1.509	2.428	12.0	21.3
10 8	2 5.98	+11 8.0	1.479	2.448	7.4	21.1
10 18	1 56.57	+10 7.6	1.475	2.468	2.5	20.9
10 28	1 46.90	+ 9 6.5	1.499	2.488	2.8	20.9
11 7	1 38.15	+ 8 11.9	1.550	2.508	7.4	21.3
11 17	1 31.29	+ 7 29.8	1.627	2.527	11.6	21.6
11 27	1 26.94	+ 7 3.9	1.727	2.546	15.1	21.9

411975 2012 HV_{59} 10 23.2 272°.70 0°.4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.49	+13 5.4	2.314	3.150	11.9	21.8
9 28	2 8.29	+12 24.5	2.225	3.139	8.9	21.6
10 8	2 2.41	+11 33.4	2.161	3.128	5.6	21.4
10 18	1 55.37	+10 35.1	2.124	3.116	1.9	21.1
10 28	1 47.92	+ 9 34.1	2.116	3.105	2.1	21.1
11 7	1 40.85	+ 8 35.9	2.137	3.094	5.8	21.4
11 17	1 34.91	+ 7 45.5	2.186	3.082	9.2	21.6
11 27	1 30.67	+ 7 7.0	2.260	3.071	12.3	21.7

396147 2013 DS_{10} 10 23.2 11°.24 2°.8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 13.35	+ 7 34.6	1.576	2.442	14.9	20.4
9 28	2 9.46	+ 6 41.8	1.513	2.444	11.1	20.1
10 8	2 3.34	+ 5 40.8	1.473	2.446	6.9	19.9
10 18	1 55.71	+ 4 37.5	1.457	2.448	3.1	19.7
10 28	1 47.65	+ 3 39.5	1.469	2.452	4.4	19.8
11 7	1 40.28	+ 2 53.6	1.506	2.455	8.5	20.0
11 17	1 34.54	+ 2 24.8	1.569	2.460	12.5	20.3
11 27	1 31.11	+ 2 15.5	1.653	2.464	16.0	20.5

395990 2013 BH_{36} 10 23.2 186°.68 1°.9/24.9 18

9 18	2 16.16	+19 10.0	2.011	2.829	14.1	21.5
9 28	2 11.29	+18 55.8	1.931	2.829	10.9	21.3
10 8	2 4.38	+18 26.8	1.873	2.828	7.3	21.1
10 18	1 56.08	+17 44.5	1.841	2.828	3.5	20.8
10 28	1 47.31	+16 52.6	1.838	2.827	2.3	20.7
11 7	1 39.08	+15 56.6	1.863	2.827	5.8	21.0
11 17	1 32.28	+15 2.8	1.916	2.826	9.6	21.2
11 27	1 27.57	+14 16.9	1.993	2.825	12.9	21.4

66784 1999 TM_{228} 10 23.2 58°.26 2°.3/21.4 18

9 18	2 16.09	+ 9 8.0	1.506	2.367	15.8	19.4
9 28	2 11.42	+ 8 12.0	1.456	2.384	11.7	19.2
10 8	2 4.46	+ 7 6.9	1.429	2.402	7.1	19.0
10 18	1 56.07	+ 5 58.8	1.427	2.419	2.9	18.8
10 28	1 47.39	+ 4 55.5	1.453	2.437	4.0	18.9
11 7	1 39.59	+ 4 4.2	1.504	2.455	8.3	19.2
11 17	1 33.60	+ 3 29.9	1.581	2.474	12.3	19.5
11 27	1 30.02	+ 3 14.9	1.679	2.492	15.7	19.8

207213 2005 ES_{76} 10 23.2 73°.54 0°.5/22.8 18

9 18	2 15.80	+12 49.8	1.756	2.601	14.6	20.6
9 28	2 11.04	+12 11.9	1.694	2.612	10.9	20.4
10 8	2 4.20	+11 22.5	1.655	2.624	6.8	20.2
10 18	1 55.99	+10 25.7	1.642	2.635	2.3	19.9
10 28	1 47.44	+ 9 27.3	1.657	2.646	2.5	20.0
11 7	1 39.60	+ 8 34.0	1.700	2.658	6.8	20.3
11 17	1 33.34	+ 7 51.3	1.769	2.669	10.8	20.5
11 27	1 29.29	+ 7 23.2	1.861	2.680	14.1	20.8

30105 2000 FO_{3} 10 23.2 38°.37 5°.3/21.4 18 R

9 18	2 26.03	+ 1 33.0	0.769	1.664	23.3	15.9
9 28	2 19.74	+ 1 29.3	0.754	1.696	17.3	15.7
10 8	2 9.78	+ 1 27.0	0.754	1.730	11.0	15.6
10 18	1 57.82	+ 1 32.7	0.775	1.764	5.8	15.4
10 28	1 46.03	+ 1 52.1	0.818	1.800	7.0	15.7
11 7	1 36.34	+ 2 28.0	0.882	1.837	12.0	16.1
11 17	1 29.93	+ 3 19.6	0.968	1.875	16.8	16.5
11 27	1 27.26	+ 4 25.1	1.071	1.913	20.7	16.9

42240 2001 FX_{34} 10 23.2 45°.57 2°.1/21.2 18

9 18	2 12.97	+ 8 2.4	1.961	2.816	12.9	18.4
9 28	2 8.70	+ 7 13.3	1.903	2.827	9.6	18.2
10 8	2 2.64	+ 6 17.5	1.868	2.839	5.9	18.0
10 18	1 55.44	+ 5 20.0	1.860	2.851	2.5	17.8
10 28	1 47.96	+ 4 26.4	1.880	2.863	3.5	17.9
11 7	1 41.09	+ 3 42.2	1.928	2.876	7.1	18.1
11 17	1 35.56	+ 3 11.4	2.003	2.889	10.5	18.4
11 27	1 31.93	+ 2 56.3	2.100	2.902	13.4	18.6

213345 2001 SW_{302} 10 23.2 91°.91 1°.9/24.9 18

9 18	2 16.10	+18 45.4	1.964	2.784	14.3	21.0
9 28	2 11.25	+18 35.1	1.889	2.789	11.0	20.8
10 8	2 4.35	+18 10.5	1.837	2.793	7.4	20.6
10 18	1 56.08	+17 33.0	1.811	2.798	3.5	20.4
10 28	1 47.37	+16 46.3	1.813	2.802	2.3	20.3
11 7	1 39.25	+15 55.8	1.843	2.807	5.9	20.5
11 17	1 32.59	+15 7.6	1.901	2.811	9.6	20.8
11 27	1 28.05	+14 27.3	1.983	2.816	12.9	21.0

116287 2003 YF_{54} 10 23.2 285°.91 1°.3/21.9 17

9 18	2 12.98	+ 9 6.8	2.353	3.197	11.4	20.5
9 28	2 8.63	+ 8 35.5	2.266	3.185	8.5	20.3
10 8	2 2.62	+ 7 57.5	2.204	3.173	5.3	20.1
10 18	1 55.47	+ 7 16.0	2.169	3.161	2.0	19.8
10 28	1 47.90	+ 6 35.2	2.163	3.149	2.7	19.8
11 7	1 40.70	+ 5 59.6	2.186	3.137	6.1	20.1
11 17	1 34.59	+ 5 32.9	2.236	3.125	9.4	20.2
11 27	1 30.15	+ 5 18.1	2.311	3.113	12.3	20.4

11444 Peshekhonov 10 23.2 28°.54 1°.5/22.3 18

9 18	2 13.44	+12 30.7	0.955	1.841	20.6	17.0
9 28	2 10.46	+11 37.5	0.916	1.855	15.4	16.8
10 8	2 4.30	+10 27.0	0.895	1.871	9.4	16.5
10 18	1 56.09	+ 9 7.2	0.894	1.888	3.2	16.3
10 28	1 47.49	+ 7 49.5	0.918	1.907	4.0	16.4
11 7	1 40.15	+ 6 45.5	0.963	1.927	9.8	16.8
11 17	1 35.28	+ 6 2.8	1.031	1.947	15.0	17.1
11 27	1 33.55	+ 5 45.0	1.117	1.969	19.3	17.5

173696 2001 QN 10 23.2 213°.32 17°.4/ 2.7 17

9 18	2 32.16	+43 43.1	1.266	1.978	25.9	20.0
9 28	2 26.58	+46 12.4	1.198	1.977	23.6	19.8
10 8	2 15.84	+48 10.3	1.143	1.975	21.2	19.6
10 18	2 0.60	+49 22.2	1.104	1.973	19.0	19.5
10 28	1 43.03	+49 36.8	1.084	1.971	17.6	19.4
11 7	1 26.25	+48 53.4	1.083	1.968	17.5	19.4
11 17	1 13.17	+47 22.9	1.101	1.966	18.8	19.4
11 27	1 5.54	+45 24.8	1.137	1.963	20.8	19.6

245275 2005 BQ_{10} 10 23.2 225°.30 0°.7/23.8 18

9 18	2 16.47	+15 49.1	2.043	2.871	13.5	21.2
9 28	2 11.52	+15 24.1	1.957	2.864	10.4	21.0
10 8	2 4.55	+14 46.4	1.895	2.857	6.6	20.8
10 18	1 56.18	+13 58.1	1.858	2.849	2.6	20.5
10 28	1 47.30	+13 3.5	1.851	2.841	1.9	20.4
11 7	1 38.90	+12 8.5	1.872	2.833	6.0	20.7
11 17	1 31.87	+11 18.8	1.921	2.824	9.9	20.9
11 27	1 26.88	+10 39.5	1.995	2.816	13.3	21.1

515705 2014 QS_{375} 10 23.2 87°.55 1°.0/22.1 18

9 18	2 12.35	+11 19.2	2.307	3.148	11.7	21.6
9 28	2 8.05	+10 28.4	2.238	3.155	8.7	21.4
10 8	2 2.19	+ 9 29.0	2.193	3.162	5.3	21.2
10 18	1 55.31	+ 8 24.9	2.176	3.169	1.9	21.0
10 28	1 48.14	+ 7 21.2	2.189	3.176	2.4	21.1
11 7	1 41.47	+ 6 23.1	2.230	3.183	5.9	21.3
11 17	1 35.95	+ 5 35.3	2.300	3.190	9.1	21.5
11 27	1 32.09	+ 5 0.8	2.393	3.196	11.9	21.7

22102 Karenlamb 10 23.2 112°.40 2°.3/21.3 18

9 18	2 16.73	+ 6 20.3	2.000	2.849	12.9	18.4
9 28	2 11.54	+ 5 50.4	1.934	2.855	9.6	18.2
10 8	2 4.45	+ 5 15.9	1.891	2.860	6.0	18.0
10 18	1 56.11	+ 4 40.5	1.876	2.866	2.7	17.8
10 28	1 47.42	+ 4 9.3	1.889	2.871	3.6	17.9
11 7	1 39.31	+ 3 46.6	1.930	2.876	7.2	18.1
11 17	1 32.60	+ 3 35.7	1.998	2.882	10.6	18.4
11 27	1 27.89	+ 3 38.6	2.090	2.887	13.6	18.6

354483 2004 EK_{25} 10 23.2 250°.35 2°.7/20.5 18

9 18	2 13.99	+ 6 50.5	2.115	2.966	12.3	21.7
9 28	2 9.54	+ 5 46.2	2.031	2.953	9.1	21.5
10 8	2 3.27	+ 4 34.4	1.971	2.941	5.7	21.3
10 18	1 55.73	+ 3 20.3	1.939	2.928	2.9	21.1
10 28	1 47.73	+ 2 10.1	1.937	2.915	4.1	21.1
11 7	1 40.16	+ 1 10.2	1.962	2.902	7.6	21.3
11 17	1 33.82	+ 0 25.4	2.015	2.888	11.0	21.5
11 27	1 29.33	− 0 1.5	2.090	2.874	14.0	21.7

394634 2007 YA_{5} 10 23.2 131°.89 2°.9/20.9 18

9 18	2 18.22	+ 4 2.8	2.079	2.926	12.6	21.1
9 28	2 12.56	+ 3 36.7	2.014	2.933	9.4	20.9
10 8	2 5.04	+ 3 8.0	1.973	2.940	5.9	20.7
10 18	1 56.31	+ 2 40.8	1.959	2.947	3.1	20.5
10 28	1 47.26	+ 2 19.4	1.975	2.953	4.1	20.6
11 7	1 38.79	+ 2 7.6	2.019	2.960	7.3	20.8
11 17	1 31.70	+ 2 7.9	2.090	2.966	10.6	21.0
11 27	1 26.59	+ 2 21.7	2.185	2.971	13.4	21.2

158324 2001 VU_{103} 10 23.2 286°.52 0°.6/23.6 18

9 18	2 18.34	+14 7.1	1.594	2.437	15.9	20.3
9 28	2 13.47	+14 1.1	1.515	2.430	12.2	20.1
10 8	2 6.03	+13 42.5	1.458	2.424	7.8	19.8
10 18	1 56.77	+13 13.3	1.425	2.417	2.9	19.5
10 28	1 46.81	+12 37.8	1.420	2.411	2.3	19.4
11 7	1 37.47	+12 2.1	1.442	2.404	7.3	19.7
11 17	1 29.87	+11 32.5	1.489	2.398	11.8	20.0
11 27	1 24.87	+11 14.2	1.559	2.392	15.8	20.2

520364 2014 HV_{107} 10 23.2 261°.57 3°.7/20.6 18

9 18	2 19.55	+ 2 11.5	1.866	2.718	13.6	21.9
9 28	2 13.96	+ 1 47.5	1.785	2.706	10.3	21.7
10 8	2 6.16	+ 1 22.1	1.727	2.694	6.7	21.4
10 18	1 56.78	+ 0 59.6	1.696	2.681	3.9	21.3
10 28	1 46.81	+ 0 45.2	1.693	2.669	5.0	21.3
11 7	1 37.35	+ 0 43.0	1.718	2.656	8.6	21.5
11 17	1 29.37	+ 0 55.7	1.769	2.643	12.3	21.7
11 27	1 23.63	+ 1 24.2	1.842	2.630	15.5	21.9

94006 2000 XQ_{25} 10 23.2 325°.07 1°.5/22.1 18

9 18	2 17.33	+ 7 32.7	1.957	2.805	13.2	19.1
9 28	2 12.18	+ 7 28.2	1.879	2.799	9.9	18.8
10 8	2 4.98	+ 7 18.8	1.824	2.794	6.2	18.6
10 18	1 56.35	+ 7 7.4	1.796	2.788	2.3	18.4
10 28	1 47.22	+ 6 57.6	1.796	2.783	3.0	18.4
11 7	1 38.59	+ 6 53.1	1.825	2.778	6.9	18.6
11 17	1 31.36	+ 6 57.1	1.880	2.774	10.6	18.9
11 27	1 26.21	+ 7 11.9	1.959	2.769	13.9	19.1

390903 2005 EE_{63} 10 23.2 137°.15 5°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 21.40	+28 48.6	2.238	2.997	14.6	21.9
9 28	2 15.20	+29 20.0	2.161	3.007	12.1	21.7
10 8	2 6.84	+29 33.5	2.105	3.017	9.3	21.5
10 18	1 56.99	+29 27.4	2.074	3.026	6.7	21.4
10 28	1 46.65	+29 2.3	2.071	3.035	5.4	21.3
11 7	1 36.89	+28 21.8	2.096	3.044	6.6	21.4
11 17	1 28.64	+27 31.9	2.150	3.052	9.0	21.6
11 27	1 22.62	+26 39.6	2.229	3.060	11.7	21.8

154250 2002 KY_{13} 10 23.2 92°.15 0°.8/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.60	+11 35.8	2.340	3.177	11.7	20.3
9 28	2 8.93	+10 54.2	2.277	3.192	8.7	20.1
10 8	2 2.70	+10 4.5	2.238	3.206	5.3	19.9
10 18	1 55.50	+ 9 10.3	2.227	3.220	1.8	19.7
10 28	1 48.05	+ 8 16.0	2.245	3.234	2.2	19.8
11 7	1 41.13	+ 7 26.6	2.293	3.247	5.6	20.0
11 17	1 35.39	+ 6 46.1	2.369	3.261	8.8	20.2
11 27	1 31.31	+ 6 17.5	2.470	3.274	11.5	20.4

221693 2007 DM_{53} 10 23.2 99°.57 1°.7/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.72	+ 9 23.6	2.219	3.065	11.9	20.4
9 28	2 8.40	+ 8 27.3	2.149	3.070	8.8	20.2
10 8	2 2.45	+ 7 23.3	2.105	3.075	5.4	20.0
10 18	1 55.44	+ 6 16.0	2.088	3.079	2.2	19.8
10 28	1 48.12	+ 5 11.0	2.100	3.084	3.1	19.9
11 7	1 41.30	+ 4 13.8	2.141	3.089	6.5	20.1
11 17	1 35.67	+ 3 28.7	2.209	3.093	9.7	20.3
11 27	1 31.76	+ 2 58.7	2.302	3.098	12.5	20.5

510062 2010 GE_{159} 10 23.2 179°.25 0°.6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.90	+16 12.2	2.458	3.273	11.9	22.9
9 28	2 11.45	+15 41.5	2.376	3.275	9.1	22.8
10 8	2 4.33	+14 59.6	2.317	3.277	5.8	22.6
10 18	1 56.09	+14 8.7	2.287	3.277	2.3	22.3
10 28	1 47.51	+13 12.6	2.287	3.277	1.6	22.3
11 7	1 39.39	+12 16.2	2.317	3.276	5.2	22.5
11 17	1 32.44	+11 24.5	2.376	3.275	8.5	22.7
11 27	1 27.24	+10 41.8	2.461	3.273	11.4	22.9

27566 2000 LX_{32} 10 23.2 341°.83 2°.8/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 10.91	+ 8 54.2	1.528	2.397	15.1	17.4
9 28	2 7.83	+ 7 41.8	1.456	2.389	11.3	17.1
10 8	2 2.47	+ 6 17.4	1.407	2.381	7.0	16.8
10 18	1 55.52	+ 4 48.0	1.382	2.373	3.2	16.6
10 28	1 48.03	+ 3 22.7	1.384	2.367	4.6	16.7
11 7	1 41.15	+ 2 10.4	1.413	2.361	9.0	16.9
11 17	1 35.87	+ 1 17.9	1.465	2.356	13.2	17.2
11 27	1 32.91	+ 0 49.0	1.538	2.352	16.9	17.4

489274 2006 SN_{93} 10 23.2 46°.30 1°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.77	+14 18.2	1.732	2.565	15.3	20.9
9 28	2 14.96	+14 43.1	1.665	2.574	11.7	20.7
10 8	2 6.78	+14 57.9	1.622	2.584	7.6	20.5
10 18	1 57.00	+15 3.2	1.603	2.593	3.1	20.2
10 28	1 46.72	+15 1.3	1.613	2.603	2.3	20.2
11 7	1 37.15	+14 56.0	1.651	2.614	6.5	20.5
11 17	1 29.32	+14 51.8	1.716	2.624	10.6	20.7
11 27	1 23.94	+14 53.0	1.804	2.635	14.0	21.0

97257 1999 XE_{115} 10 23.2 196°.68 16°.8/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 33.62	−25 45.3	1.316	2.127	20.4	18.1
9 28	2 25.21	−27 3.3	1.274	2.126	18.4	18.0
10 8	2 13.35	−27 52.3	1.250	2.124	17.1	17.9
10 18	1 59.27	−27 59.3	1.247	2.122	16.9	17.9
10 28	1 44.78	−27 16.5	1.264	2.118	17.9	18.0
11 7	1 31.75	−25 45.0	1.302	2.114	19.7	18.1
11 17	1 21.57	−23 32.6	1.359	2.110	21.9	18.2
11 27	1 14.99	−20 50.3	1.433	2.105	24.0	18.4

399670 2004 RR_{343} 10 23.2 349°.89 7°.5/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.29	− 7 5.7	1.774	2.638	13.6	19.7
9 28	2 9.97	− 8 4.8	1.715	2.634	10.8	19.6
10 8	2 3.61	− 8 58.0	1.679	2.630	8.4	19.4
10 18	1 55.88	− 9 37.9	1.668	2.626	7.5	19.3
10 28	1 47.75	− 9 58.1	1.683	2.623	8.8	19.4
11 7	1 40.24	− 9 54.9	1.722	2.621	11.3	19.6
11 17	1 34.20	− 9 27.7	1.785	2.619	14.1	19.8
11 27	1 30.29	− 8 38.3	1.868	2.618	16.7	19.9

410903 2009 SN_{131} 10 23.2 98°.63 0°.4/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.52	+12 11.7	2.349	3.171	12.2	20.7
9 28	2 14.16	+12 29.3	2.278	3.182	9.2	20.5
10 8	2 6.02	+12 40.3	2.232	3.194	5.8	20.3
10 18	1 56.69	+12 45.7	2.214	3.205	2.1	20.1
10 28	1 47.02	+12 47.5	2.226	3.216	1.7	20.1
11 7	1 37.88	+12 48.3	2.268	3.227	5.3	20.4
11 17	1 30.03	+12 51.0	2.340	3.238	8.6	20.6
11 27	1 24.06	+12 58.5	2.437	3.248	11.4	20.8

322570 2011 YG_{67} 10 23.2 311°.58 5°.2/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 7.53	−14 59.2	4.130	4.960	7.2	20.1
9 28	2 3.90	−15 46.9	4.073	4.955	6.1	20.0
10 8	1 59.40	−16 28.4	4.042	4.950	5.3	19.9
10 18	1 54.35	−17 0.7	4.038	4.946	5.3	19.9
10 28	1 49.14	−17 21.2	4.062	4.941	5.9	20.0
11 7	1 44.16	−17 28.3	4.112	4.937	7.0	20.1
11 17	1 39.78	−17 21.5	4.186	4.932	8.2	20.1
11 27	1 36.32	−17 1.2	4.282	4.928	9.3	20.2

402020 2003 SU_{54} 10 23.2 26°.13 0°.2/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.12	+16 5.8	1.679	2.526	15.1	20.2
9 28	2 7.67	+15 11.3	1.621	2.539	11.4	20.0
10 8	2 2.17	+14 1.4	1.585	2.552	7.1	19.8
10 18	1 55.37	+12 40.7	1.574	2.566	2.5	19.5
10 28	1 48.25	+11 16.5	1.590	2.581	2.1	19.5
11 7	1 41.84	+ 9 56.8	1.635	2.597	6.6	19.8
11 17	1 36.96	+ 8 48.8	1.705	2.613	10.6	20.1
11 27	1 34.21	+ 7 57.4	1.798	2.630	14.0	20.4

459442 2012 UC_{18} 10 23.2 134°.25 5°.0/27.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.48	+30 57.4	1.166	1.973	22.8	21.2
9 28	2 14.38	+29 40.2	1.095	1.977	18.6	20.9
10 8	2 6.89	+27 38.8	1.041	1.981	13.6	20.7
10 18	1 57.09	+24 54.3	1.009	1.985	8.2	20.4
10 28	1 46.72	+21 37.6	1.003	1.989	5.1	20.2
11 7	1 37.58	+18 8.8	1.024	1.992	8.5	20.4
11 17	1 31.04	+14 50.3	1.071	1.995	13.8	20.7
11 27	1 27.91	+12 0.2	1.140	1.998	18.6	21.0

189952 2003 UM_{35} 10 23.2 330°.87 6°.1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 10.61	− 2 43.5	2.019	2.886	12.1	19.3
9 28	2 7.04	− 4 20.5	1.954	2.878	9.4	19.1
10 8	2 1.72	− 5 57.4	1.914	2.871	7.0	18.9
10 18	1 55.23	− 7 26.7	1.900	2.865	6.2	18.9
10 28	1 48.35	− 8 40.5	1.915	2.858	7.6	18.9
11 7	1 41.95	− 9 33.2	1.955	2.852	10.2	19.1
11 17	1 36.77	−10 1.8	2.019	2.847	13.0	19.3
11 27	1 33.38	−10 6.1	2.104	2.841	15.4	19.4

67312 2000 HN_{15} 10 23.2 238°.59 0°.7/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.80	+13 12.7	2.114	2.939	13.2	19.4
9 28	2 14.77	+13 28.0	2.026	2.931	10.1	19.2
10 8	2 6.64	+13 35.3	1.961	2.923	6.5	19.0
10 18	1 56.98	+13 35.5	1.923	2.914	2.5	18.7
10 28	1 46.73	+13 30.8	1.916	2.906	1.9	18.7
11 7	1 36.91	+13 24.3	1.937	2.897	6.0	18.9
11 17	1 28.45	+13 19.8	1.987	2.888	9.7	19.1
11 27	1 22.10	+13 21.0	2.062	2.879	13.0	19.3

89050 2001 TM_{117} 10 23.2 11°.03 22°.8/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 36.12	−41 49.6	1.167	1.921	25.6	16.5
9 28	2 26.84	−41 59.3	1.150	1.929	24.4	16.5
10 8	2 13.91	−41 20.1	1.145	1.940	23.4	16.4
10 18	1 59.23	−39 42.2	1.155	1.953	22.9	16.5
10 28	1 45.12	−37 3.8	1.181	1.968	22.9	16.5
11 7	1 33.46	−33 33.6	1.225	1.986	23.5	16.6
11 17	1 25.33	−29 26.3	1.288	2.006	24.4	16.8
11 27	1 21.05	−24 58.1	1.368	2.028	25.4	17.0

523382 2017 DA_{17} 10 23.2 194°.58 0°.4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.18	+11 29.7	2.457	3.289	11.4	21.9
9 28	2 10.18	+11 11.0	2.377	3.288	8.5	21.8
10 8	2 3.57	+10 45.0	2.321	3.287	5.3	21.5
10 18	1 55.86	+10 14.1	2.292	3.285	1.8	21.3
10 28	1 47.80	+ 9 41.6	2.294	3.283	1.9	21.3
11 7	1 40.14	+ 9 11.6	2.325	3.281	5.4	21.6
11 17	1 33.60	+ 8 47.6	2.385	3.279	8.7	21.8
11 27	1 28.73	+ 8 32.7	2.469	3.276	11.4	21.9

269847 2000 DU_{21} 10 23.2 221°.34 4°.2/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.07	− 2 2.9	2.907	3.756	9.3	21.3
9 28	2 7.62	− 3 10.8	2.831	3.747	7.2	21.2
10 8	2 1.87	− 4 18.5	2.781	3.737	5.1	21.0
10 18	1 55.26	− 5 21.6	2.760	3.727	4.2	20.9
10 28	1 48.35	− 6 15.4	2.768	3.717	5.3	21.0
11 7	1 41.76	− 6 56.0	2.806	3.707	7.3	21.1
11 17	1 36.04	− 7 21.2	2.870	3.696	9.6	21.3
11 27	1 31.66	− 7 30.1	2.957	3.684	11.6	21.4

488291 2016 UL_{24} 10 23.2 190°.19 1°.7/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.06	+19 4.8	1.963	2.781	14.4	21.4
9 28	2 12.05	+18 42.4	1.882	2.780	11.1	21.2
10 8	2 4.93	+18 4.4	1.823	2.779	7.4	21.0
10 18	1 56.38	+17 12.6	1.791	2.778	3.5	20.7
10 28	1 47.34	+16 11.1	1.787	2.776	2.2	20.6
11 7	1 38.86	+15 6.2	1.811	2.774	6.0	20.9
11 17	1 31.85	+14 4.6	1.863	2.772	9.8	21.1
11 27	1 27.01	+13 12.5	1.940	2.769	13.3	21.3

496618 2015 HE_{133} 10 23.2 12°.81 0°.4/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 7.28	+10 34.1	4.312	5.140	6.9	21.6
9 28	2 3.69	+10 15.4	4.230	5.140	5.1	21.5
10 8	1 59.28	+ 9 53.0	4.175	5.141	3.2	21.4
10 18	1 54.33	+ 9 28.2	4.148	5.141	1.1	21.2
10 28	1 49.20	+ 9 3.2	4.153	5.141	1.3	21.2
11 7	1 44.29	+ 8 39.9	4.188	5.141	3.3	21.4
11 17	1 39.93	+ 8 20.3	4.252	5.142	5.3	21.5
11 27	1 36.43	+ 8 6.0	4.344	5.142	7.0	21.7

223413 2003 SP_{184} 10 23.2 280°.99 2°.2/25.0 17

9 18	2 18.43	+18 3.3	2.324	3.132	12.7	20.2
9 28	2 12.89	+18 28.1	2.233	3.125	9.9	20.0
10 8	2 5.41	+18 42.8	2.167	3.118	6.7	19.8
10 18	1 56.56	+18 47.3	2.127	3.111	3.5	19.5
10 28	1 47.15	+18 42.9	2.116	3.104	2.5	19.5
11 7	1 38.11	+18 32.3	2.135	3.096	5.4	19.6
11 17	1 30.30	+18 19.5	2.183	3.089	8.7	19.8
11 27	1 24.40	+18 8.7	2.256	3.082	11.7	20.0

436257 2010 CM_2 10 23.2 44°.22 6°.9/17.8 18

9 18	2 14.99	− 1 37.8	1.459	2.334	15.4	20.4
9 28	2 10.73	− 3 7.3	1.413	2.342	11.8	20.2
10 8	2 4.16	− 4 35.7	1.388	2.351	8.4	20.1
10 18	1 56.08	− 5 53.3	1.389	2.361	6.9	20.0
10 28	1 47.67	− 6 51.1	1.415	2.370	8.5	20.1
11 7	1 40.09	− 7 23.3	1.466	2.380	11.7	20.3
11 17	1 34.30	− 7 28.0	1.539	2.391	15.0	20.6
11 27	1 30.92	− 7 6.5	1.631	2.401	17.9	20.8

473602 2015 XW_{260} 10 23.2 283°.09 3°.7/27.8 16

9 18	2 12.33	+27 15.7	2.648	3.420	12.3	21.2
9 28	2 8.15	+27 3.4	2.552	3.411	10.0	21.0
10 8	2 2.37	+26 34.7	2.477	3.402	7.5	20.9
10 18	1 55.47	+25 49.9	2.428	3.393	5.0	20.7
10 28	1 48.17	+24 51.0	2.408	3.384	3.7	20.6
11 7	1 41.24	+23 42.2	2.416	3.374	5.1	20.7
11 17	1 35.38	+22 29.0	2.454	3.365	7.7	20.8
11 27	1 31.17	+21 17.5	2.518	3.356	10.3	21.0

458146 2010 JH_{28} 10 23.2 322°.34 7°.1/14.8 18

9 18	2 10.63	− 8 14.7	2.269	3.128	11.2	20.7
9 28	2 6.89	− 9 47.1	2.208	3.120	9.1	20.5
10 8	2 1.56	−11 15.1	2.172	3.112	7.5	20.4
10 18	1 55.18	−12 31.5	2.163	3.105	7.2	20.4
10 28	1 48.45	−13 29.9	2.180	3.098	8.4	20.4
11 7	1 42.15	−14 6.2	2.223	3.091	10.5	20.6
11 17	1 36.96	−14 18.6	2.290	3.084	12.7	20.7
11 27	1 33.40	−14 7.9	2.376	3.078	14.7	20.8

521765 2015 RW_{276} 10 23.2 167°.77 5°.6/17.9 18

9 18	2 14.64	− 4 7.4	2.174	3.030	11.8	21.6
9 28	2 9.87	− 5 3.2	2.112	3.030	9.1	21.4
10 8	2 3.39	− 5 56.2	2.075	3.030	6.7	21.3
10 18	1 55.81	− 6 40.6	2.064	3.030	5.6	21.2
10 28	1 47.91	− 7 11.2	2.081	3.030	6.8	21.3
11 7	1 40.52	− 7 24.2	2.126	3.030	9.2	21.5
11 17	1 34.36	− 7 18.3	2.195	3.030	11.8	21.6
11 27	1 30.00	− 6 53.7	2.286	3.030	14.1	21.8

78733 2002 TA_{243} 10 23.2 37°.73 1°.7/24.5 18

9 18	2 17.43	+17 3.4	1.718	2.550	15.5	19.4
9 28	2 12.54	+17 6.2	1.648	2.555	11.9	19.1
10 8	2 5.33	+16 55.3	1.600	2.560	7.9	18.9
10 18	1 56.54	+16 31.8	1.577	2.566	3.6	18.7
10 28	1 47.24	+15 59.3	1.581	2.571	2.4	18.6
11 7	1 38.60	+15 23.2	1.613	2.577	6.4	18.9
11 17	1 31.64	+14 49.6	1.671	2.583	10.5	19.1
11 27	1 27.06	+14 24.0	1.752	2.589	14.1	19.4

127279 2002 JY_{66} 10 23.2 79°.62 1°.0/22.3 18

9 18	2 14.65	+10 34.2	2.244	3.084	12.0	20.0
9 28	2 9.76	+ 9 59.8	2.186	3.102	8.9	19.9
10 8	2 3.25	+ 9 18.3	2.152	3.120	5.5	19.7
10 18	1 55.74	+ 8 32.9	2.145	3.137	1.9	19.5
10 28	1 48.00	+ 7 48.2	2.167	3.155	2.4	19.5
11 7	1 40.84	+ 7 8.8	2.219	3.173	5.8	19.8
11 17	1 34.91	+ 6 38.3	2.299	3.190	9.1	20.0
11 27	1 30.73	+ 6 19.5	2.402	3.207	11.8	20.3

512172 2015 RW_{99} 10 23.2 105°.58 2°.3/25.2 18

9 18	2 19.81	+19 22.1	2.136	2.943	13.7	21.4
9 28	2 13.82	+19 27.7	2.071	2.961	10.7	21.2
10 8	2 5.88	+19 20.3	2.028	2.978	7.2	21.0
10 18	1 56.68	+19 0.5	2.012	2.995	3.7	20.8
10 28	1 47.16	+18 31.1	2.025	3.012	2.5	20.8
11 7	1 38.27	+17 56.4	2.067	3.029	5.5	21.0
11 17	1 30.85	+17 21.5	2.137	3.044	8.8	21.3
11 27	1 25.51	+16 51.5	2.233	3.060	11.8	21.5

224596 2005 YF_{15} 10 23.2 130°.50 0°.5/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.49	+15 4.2	2.373	3.198	11.9	21.0
9 28	2 9.71	+14 44.5	2.297	3.203	9.1	20.8
10 8	2 3.30	+14 14.7	2.245	3.207	5.8	20.6
10 18	1 55.79	+13 37.2	2.220	3.211	2.2	20.4
10 28	1 47.94	+12 55.3	2.224	3.215	1.6	20.4
11 7	1 40.56	+12 13.6	2.258	3.219	5.2	20.6
11 17	1 34.34	+11 36.4	2.321	3.223	8.5	20.9
11 27	1 29.84	+11 7.5	2.408	3.226	11.3	21.1

278068 2006 YO_{51} 10 23.2 272°.83 1°.3/24.2 18

9 18	2 17.74	+16 38.2	1.630	2.466	16.0	21.3
9 28	2 13.13	+16 24.5	1.542	2.452	12.4	21.0
10 8	2 5.94	+15 55.0	1.474	2.436	8.1	20.7
10 18	1 56.84	+15 11.2	1.431	2.421	3.4	20.4
10 28	1 46.94	+14 17.7	1.415	2.406	2.3	20.3
11 7	1 37.54	+13 21.4	1.427	2.390	7.2	20.6
11 17	1 29.84	+12 29.7	1.464	2.374	11.8	20.8
11 27	1 24.71	+11 49.8	1.524	2.359	15.9	21.0

407631 2011 CP_{83} 10 23.2 283°.19 3°.0/20.0 18

9 18	2 11.81	+ 4 59.5	2.327	3.181	11.2	21.3
9 28	2 7.73	+ 3 59.5	2.251	3.175	8.3	21.1
10 8	2 2.08	+ 2 54.9	2.200	3.169	5.3	21.0
10 18	1 55.37	+ 1 50.2	2.176	3.163	3.0	20.8
10 28	1 48.31	+ 0 51.0	2.182	3.157	4.2	20.9
11 7	1 41.66	+ 0 2.5	2.215	3.150	7.1	21.0
11 17	1 36.09	− 0 31.9	2.276	3.144	10.1	21.2
11 27	1 32.15	− 0 49.8	2.360	3.138	12.8	21.4

207729 2007 RR_{173} 10 23.2 58°.02 2°.8/21.0 18

9 18	2 15.72	+ 7 6.2	1.650	2.510	14.7	20.4
9 28	2 11.13	+ 6 15.3	1.591	2.518	10.9	20.2
10 8	2 4.37	+ 5 17.3	1.555	2.526	6.8	20.0
10 18	1 56.18	+ 4 18.0	1.544	2.535	3.1	19.8
10 28	1 47.63	+ 3 24.4	1.561	2.543	4.3	19.9
11 7	1 39.79	+ 2 42.7	1.605	2.552	8.3	20.1
11 17	1 33.59	+ 2 17.4	1.674	2.561	12.1	20.4
11 27	1 29.67	+ 2 10.5	1.765	2.569	15.4	20.6

265362 2004 RZ_{118} 10 23.3 14°.93 0°.2/23.1 18

9 18	2 11.49	+14 9.0	1.559	2.415	15.6	20.1
9 28	2 8.16	+13 29.0	1.497	2.421	11.7	19.9
10 8	2 2.61	+12 35.0	1.457	2.427	7.3	19.7
10 18	1 55.60	+11 31.2	1.442	2.435	2.5	19.4
10 28	1 48.16	+10 24.4	1.453	2.444	2.4	19.4
11 7	1 41.44	+ 9 22.4	1.491	2.453	7.1	19.7
11 17	1 36.33	+ 8 31.8	1.554	2.464	11.4	20.0
11 27	1 33.52	+ 7 57.4	1.639	2.475	15.0	20.3

253548 2003 SZ_{243} 10 23.3 30°.23 2°.5/21.6 16

9 18	2 14.64	+10 32.8	1.054	1.936	19.4	20.0
9 28	2 11.26	+ 9 31.6	1.007	1.945	14.5	19.8
10 8	2 4.83	+ 8 15.8	0.980	1.956	8.9	19.5
10 18	1 56.40	+ 6 53.5	0.975	1.968	3.4	19.2
10 28	1 47.51	+ 5 36.2	0.993	1.980	4.7	19.4
11 7	1 39.73	+ 4 34.3	1.035	1.994	10.1	19.7
11 17	1 34.28	+ 3 55.1	1.100	2.008	15.1	20.1
11 27	1 31.89	+ 3 41.5	1.183	2.023	19.3	20.4

51486 2001 FL_{73} 10 23.3 41°.19 4°.0/20.9 18 R

9 18	2 18.86	+ 4 47.0	1.195	2.071	18.0	18.2
9 28	2 14.09	+ 4 9.6	1.149	2.083	13.5	18.0
10 8	2 6.45	+ 3 27.3	1.122	2.095	8.5	17.7
10 18	1 56.94	+ 2 47.1	1.118	2.108	4.4	17.5
10 28	1 47.03	+ 2 16.8	1.140	2.121	5.7	17.7
11 7	1 38.19	+ 2 2.7	1.186	2.135	10.2	18.0
11 17	1 31.60	+ 2 7.9	1.254	2.149	14.7	18.3
11 27	1 27.96	+ 2 33.1	1.343	2.164	18.5	18.6

5594 Jimmiller 10 23.3 142°.23 4°.3/18.6 18 R

9 18	2 13.15	− 0 43.7	2.432	3.286	10.8	17.0
9 28	2 8.60	− 1 40.5	2.369	3.289	8.2	16.8
10 8	2 2.55	− 2 37.1	2.331	3.292	5.6	16.7
10 18	1 55.54	− 3 28.6	2.320	3.295	4.3	16.6
10 28	1 48.25	− 4 10.0	2.339	3.297	5.4	16.7
11 7	1 41.41	− 4 37.7	2.385	3.300	7.8	16.8
11 17	1 35.66	− 4 49.4	2.458	3.303	10.3	17.0
11 27	1 31.48	− 4 44.6	2.553	3.305	12.6	17.2

175505 2006 RQ_{104} 10 23.3 150°.34 4°.4/19.2 18

9 18	2 16.10	+ 0 0.8	2.157	3.010	12.0	20.9
9 28	2 10.95	− 0 50.5	2.094	3.014	9.1	20.7
10 8	2 4.08	− 1 42.1	2.056	3.019	6.1	20.5
10 18	1 56.08	− 2 28.6	2.045	3.023	4.4	20.4
10 28	1 47.77	− 3 4.7	2.063	3.027	5.5	20.5
11 7	1 40.00	− 3 26.3	2.109	3.030	8.3	20.7
11 17	1 33.52	− 3 31.4	2.180	3.034	11.1	20.9
11 27	1 28.87	− 3 19.4	2.275	3.037	13.7	21.1

486212 2013 AJ_{89} 10 23.3 282°.64 7°.0/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.64	− 5 46.9	1.835	2.694	13.5	20.9
9 28	2 11.71	− 6 48.5	1.772	2.689	10.6	20.8
10 8	2 4.72	− 7 45.7	1.732	2.684	8.1	20.6
10 18	1 56.34	− 8 31.5	1.718	2.679	7.0	20.5
10 28	1 47.53	− 8 59.1	1.730	2.674	8.3	20.6
11 7	1 39.32	− 9 4.5	1.768	2.669	10.9	20.8
11 17	1 32.59	− 8 46.5	1.830	2.664	13.8	20.9
11 27	1 28.01	− 8 6.5	1.913	2.659	16.4	21.1

154360 2002 XU_{54} 10 23.3 288°.28 1°.5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.48	+10 51.5	1.507	2.364	16.0	20.7
9 28	2 12.31	+10 12.8	1.421	2.346	12.1	20.4
10 8	2 5.50	+ 9 21.1	1.357	2.328	7.6	20.1
10 18	1 56.72	+ 8 20.8	1.317	2.310	2.7	19.8
10 28	1 47.13	+ 7 18.9	1.304	2.291	3.5	19.8
11 7	1 38.05	+ 6 23.7	1.317	2.273	8.6	20.1
11 17	1 30.70	+ 5 42.3	1.354	2.255	13.4	20.3
11 27	1 25.99	+ 5 19.8	1.413	2.237	17.6	20.5

6776 Dix 10 23.3 248°.74 1°.8/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.61	+ 8 16.6	1.968	2.813	13.3	18.0
9 28	2 12.49	+ 7 46.2	1.882	2.801	10.0	17.8
10 8	2 5.28	+ 7 8.6	1.819	2.788	6.2	17.5
10 18	1 56.58	+ 6 27.4	1.783	2.774	2.5	17.2
10 28	1 47.30	+ 5 47.6	1.775	2.760	3.3	17.3
11 7	1 38.47	+ 5 14.7	1.796	2.746	7.3	17.5
11 17	1 31.01	+ 4 52.9	1.844	2.732	11.1	17.7
11 27	1 25.65	+ 4 45.4	1.915	2.717	14.5	17.9

353089 2009 DV_{120} 10 23.3 235°.89 0°.5/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.94	+12 20.4	2.010	2.849	13.3	21.8
9 28	2 11.15	+11 50.0	1.928	2.843	10.0	21.5
10 8	2 4.39	+11 9.3	1.870	2.837	6.2	21.3
10 18	1 56.25	+10 21.4	1.838	2.830	2.1	21.0
10 28	1 47.62	+ 9 31.2	1.834	2.824	2.3	21.0
11 7	1 39.48	+ 8 44.2	1.860	2.817	6.4	21.3
11 17	1 32.69	+ 8 5.7	1.912	2.810	10.3	21.5
11 27	1 27.92	+ 7 39.6	1.989	2.803	13.6	21.7

23145 2000 AB_{187} 10 23.3 34°.87 10°.5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.11	− 6 22.2	1.047	1.937	18.9	17.4
9 28	2 12.14	− 8 3.9	1.019	1.951	14.9	17.2
10 8	2 5.24	− 9 35.3	1.010	1.967	11.6	17.1
10 18	1 56.52	−10 43.4	1.022	1.984	10.5	17.1
10 28	1 47.55	−11 18.2	1.057	2.002	12.1	17.3
11 7	1 39.82	−11 15.9	1.113	2.021	15.2	17.5
11 17	1 34.44	−10 38.7	1.188	2.040	18.6	17.8
11 27	1 32.01	− 9 32.1	1.280	2.060	21.5	18.1

158705 2003 GO_{3} 10 23.3 158°.95 0°.3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.14	+13 26.5	2.041	2.872	13.4	21.0
9 28	2 12.66	+12 49.6	1.968	2.879	10.1	20.8
10 8	2 5.24	+12 1.7	1.919	2.885	6.3	20.6
10 18	1 56.53	+11 6.1	1.898	2.890	2.2	20.3
10 28	1 47.45	+10 7.8	1.905	2.895	2.1	20.4
11 7	1 38.96	+ 9 12.7	1.942	2.899	6.2	20.6
11 17	1 31.89	+ 8 26.1	2.007	2.903	9.9	20.9
11 27	1 26.86	+ 7 52.2	2.096	2.905	13.1	21.1

321635 2009 WD_{215} 10 23.3 66°.22 4°.7/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.32	− 2 5.5	2.227	3.081	11.6	19.9
9 28	2 10.28	− 2 45.0	2.172	3.091	8.8	19.7
10 8	2 3.62	− 3 22.4	2.142	3.102	6.2	19.6
10 18	1 55.94	− 3 53.0	2.138	3.112	4.7	19.5
10 28	1 48.01	− 4 12.4	2.163	3.123	5.7	19.6
11 7	1 40.64	− 4 17.5	2.216	3.133	8.1	19.8
11 17	1 34.51	− 4 6.9	2.294	3.144	10.8	20.0
11 27	1 30.13	− 3 40.8	2.396	3.155	13.2	20.2

72761 2001 FS_{142} 10 23.3 246°.49 6°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.37	+34 13.6	2.408	3.137	14.5	19.7
9 28	2 12.32	+34 46.1	2.318	3.134	12.4	19.5
10 8	2 5.19	+34 59.3	2.248	3.132	10.1	19.4
10 18	1 56.58	+34 50.7	2.202	3.129	8.0	19.3
10 28	1 47.39	+34 20.1	2.183	3.127	6.8	19.2
11 7	1 38.64	+33 30.6	2.190	3.124	7.2	19.2
11 17	1 31.27	+32 27.8	2.225	3.122	9.0	19.3
11 27	1 25.99	+31 19.1	2.284	3.119	11.3	19.5

115243 2003 SC_{152} 10 23.3 37°.38 6°.6/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.24	− 7 12.4	2.225	3.080	11.6	19.5
9 28	2 8.82	− 8 26.1	2.168	3.081	9.2	19.3
10 8	2 2.77	− 9 35.0	2.136	3.081	7.3	19.2
10 18	1 55.66	−10 32.8	2.131	3.082	6.7	19.2
10 28	1 48.26	−11 13.7	2.153	3.083	7.8	19.3
11 7	1 41.35	−11 34.1	2.201	3.083	9.9	19.4
11 17	1 35.63	−11 32.8	2.273	3.084	12.3	19.6
11 27	1 31.62	−11 10.7	2.366	3.085	14.4	19.7

205195 2000 EN_{56} 10 23.3 201°.63 3°.9/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.52	+ 2 7.7	2.428	3.277	10.9	20.7
9 28	2 9.69	+ 0 52.2	2.353	3.273	8.2	20.5
10 8	2 3.30	− 0 26.5	2.304	3.268	5.5	20.3
10 18	1 55.86	− 1 42.9	2.284	3.263	3.9	20.2
10 28	1 48.07	− 2 50.9	2.294	3.257	5.1	20.3
11 7	1 40.71	− 3 45.6	2.332	3.251	7.7	20.5
11 17	1 34.43	− 4 23.6	2.397	3.244	10.5	20.6
11 27	1 29.78	− 4 43.3	2.486	3.236	13.0	20.8

228483 2001 SL_{109} 10 23.3 71°.96 1°.5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.55	+18 14.8	1.504	2.341	17.1	19.9
9 28	2 12.82	+17 46.7	1.443	2.353	13.1	19.7
10 8	2 5.58	+17 0.4	1.403	2.365	8.5	19.5
10 18	1 56.69	+15 58.8	1.387	2.377	3.7	19.2
10 28	1 47.37	+14 48.1	1.398	2.389	2.4	19.2
11 7	1 38.91	+13 36.7	1.436	2.401	7.0	19.5
11 17	1 32.36	+12 32.9	1.500	2.413	11.4	19.8
11 27	1 28.40	+11 43.2	1.586	2.425	15.2	20.1

430635 2003 RR_{18} 10 23.3 63°.25 3°.2/20.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.94	+ 8 55.3	1.505	2.365	15.8	20.9
9 28	2 11.92	+ 7 16.1	1.469	2.396	11.6	20.7
10 8	2 4.75	+ 5 28.3	1.456	2.428	7.1	20.6
10 18	1 56.31	+ 3 40.8	1.469	2.459	3.4	20.4
10 28	1 47.78	+ 2 3.4	1.510	2.490	4.9	20.6
11 7	1 40.25	+ 0 44.4	1.579	2.521	8.8	20.9
11 17	1 34.53	− 0 11.5	1.672	2.551	12.6	21.2
11 27	1 31.16	− 0 42.8	1.787	2.582	15.7	21.5

232506 2003 QA_{47} 10 23.3 37°.04 2°.8/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.98	+ 7 45.0	1.777	2.639	13.7	19.3
9 28	2 8.15	+ 6 32.0	1.726	2.654	10.1	19.2
10 8	2 2.44	+ 5 11.7	1.698	2.670	6.2	19.0
10 18	1 55.56	+ 3 50.6	1.697	2.687	3.0	18.8
10 28	1 48.41	+ 2 36.2	1.723	2.704	4.3	18.9
11 7	1 41.95	+ 1 35.1	1.777	2.721	7.9	19.2
11 17	1 36.92	+ 0 51.7	1.856	2.739	11.4	19.4
11 27	1 33.87	+ 0 28.1	1.958	2.757	14.3	19.7

2400 Derevskaya 10 23.3 67°.15 3°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.07	+ 5 42.3	2.024	2.881	12.5	16.6
9 28	2 8.80	+ 4 33.7	1.965	2.890	9.3	16.4
10 8	2 2.80	+ 3 20.0	1.930	2.900	5.8	16.2
10 18	1 55.68	+ 2 6.8	1.922	2.910	3.3	16.1
10 28	1 48.29	+ 1 0.6	1.943	2.920	4.5	16.2
11 7	1 41.47	+ 0 7.1	1.993	2.929	7.7	16.4
11 17	1 35.95	− 0 29.9	2.068	2.939	10.9	16.6
11 27	1 32.26	− 0 48.6	2.165	2.949	13.6	16.8

348087 2003 WC_{111} 10 23.3 302°.14 2°.5/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.56	+ 4 40.1	1.727	2.577	14.6	20.6
9 28	2 15.70	+ 4 43.3	1.649	2.570	11.0	20.3
10 8	2 7.41	+ 4 44.3	1.593	2.562	7.0	20.1
10 18	1 57.39	+ 4 46.3	1.564	2.555	3.1	19.8
10 28	1 46.73	+ 4 53.0	1.563	2.547	3.9	19.9
11 7	1 36.64	+ 5 7.7	1.590	2.540	8.0	20.1
11 17	1 28.21	+ 5 32.8	1.643	2.533	12.1	20.3
11 27	1 22.23	+ 6 9.7	1.719	2.527	15.6	20.5

349736 2008 YF_{109} 10 23.3 33°.05 8°.3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.94	+30 53.6	1.396	2.187	20.5	20.4
9 28	2 14.45	+31 46.7	1.340	2.201	17.2	20.3
10 8	2 6.91	+32 12.4	1.301	2.216	13.5	20.1
10 18	1 57.23	+32 6.9	1.282	2.232	10.2	19.9
10 28	1 46.92	+31 30.9	1.287	2.249	8.3	19.9
11 7	1 37.60	+30 30.8	1.317	2.267	9.3	20.0
11 17	1 30.57	+29 16.9	1.370	2.286	12.1	20.2
11 27	1 26.69	+28 1.1	1.446	2.305	15.3	20.5

291783 2006 KF_{42} 10 23.3 161°.21 1°.4/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.96	+18 24.5	1.618	2.445	16.5	21.5
9 28	2 14.59	+17 50.3	1.545	2.450	12.7	21.2
10 8	2 6.71	+16 57.7	1.495	2.455	8.3	21.0
10 18	1 57.12	+15 49.4	1.469	2.459	3.5	20.7
10 28	1 47.02	+14 31.4	1.471	2.462	2.3	20.7
11 7	1 37.68	+13 12.2	1.502	2.465	7.0	21.0
11 17	1 30.19	+12 0.2	1.559	2.467	11.4	21.2
11 27	1 25.29	+11 2.6	1.639	2.469	15.2	21.5

411119 2009 WJ_{130} 10 23.3 244°.12 1°.3/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.62	+18 5.7	2.555	3.368	11.6	21.6
9 28	2 9.11	+17 47.8	2.464	3.361	8.9	21.4
10 8	2 3.00	+17 18.4	2.397	3.353	5.9	21.2
10 18	1 55.79	+16 39.1	2.357	3.345	2.7	21.0
10 28	1 48.18	+15 52.7	2.347	3.337	1.8	20.9
11 7	1 40.94	+15 3.7	2.366	3.329	4.8	21.1
11 17	1 34.74	+14 16.6	2.414	3.320	8.0	21.3
11 27	1 30.17	+13 35.8	2.488	3.312	10.9	21.5

405443 2004 TT_{83} 10 23.3 351°.90 0°.2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 11.88	+13 54.5	1.720	2.571	14.6	20.5
9 28	2 8.41	+13 19.3	1.646	2.566	11.1	20.3
10 8	2 2.83	+12 30.9	1.593	2.562	6.9	20.1
10 18	1 55.77	+11 33.0	1.566	2.558	2.4	19.8
10 28	1 48.22	+10 31.2	1.565	2.556	2.3	19.8
11 7	1 41.22	+ 9 32.7	1.592	2.554	6.8	20.1
11 17	1 35.71	+ 8 43.9	1.645	2.552	11.0	20.3
11 27	1 32.36	+ 8 9.7	1.720	2.552	14.6	20.5

114274 2002 XL_{15} 10 23.3 39°.80 5°.5/27.5 18

9 18	2 18.60	+25 46.3	1.607	2.409	17.7	19.3
9 28	2 13.74	+26 18.2	1.543	2.420	14.4	19.1
10 8	2 6.27	+26 29.0	1.498	2.432	10.7	18.9
10 18	1 56.99	+26 17.2	1.477	2.445	7.1	18.7
10 28	1 47.16	+25 44.5	1.481	2.458	5.5	18.7
11 7	1 38.12	+24 56.7	1.512	2.471	7.4	18.8
11 17	1 31.01	+24 1.7	1.568	2.484	10.8	19.0
11 27	1 26.59	+23 8.3	1.647	2.498	14.1	19.3

23160 2000 EN_{201} 10 23.3 291°.36 3°.4/25.1 18

9 18	2 26.35	+17 45.4	1.801	2.611	15.7	16.9
9 28	2 19.53	+18 47.3	1.715	2.607	12.4	16.7
10 8	2 9.97	+19 39.4	1.652	2.602	8.6	16.5
10 18	1 58.36	+20 19.1	1.616	2.597	4.8	16.2
10 28	1 45.86	+20 45.7	1.608	2.593	3.7	16.1
11 7	1 33.85	+21 1.1	1.629	2.588	7.0	16.3
11 17	1 23.59	+21 9.4	1.678	2.584	10.9	16.6
11 27	1 16.02	+21 16.1	1.751	2.579	14.5	16.8

101819 1999 JK_{13} 10 23.3 253°.20 9°.0/14.7 18

9 18	2 20.46	−16 44.8	2.312	3.136	12.3	18.2
9 28	2 14.32	−17 41.4	2.241	3.118	10.5	18.1
10 8	2 6.29	−18 26.7	2.194	3.100	9.3	18.0
10 18	1 56.96	−18 54.0	2.173	3.081	9.1	17.9
10 28	1 47.19	−18 58.1	2.178	3.062	10.1	18.0
11 7	1 37.90	−18 36.5	2.208	3.043	11.8	18.1
11 17	1 29.92	−17 49.8	2.262	3.023	13.9	18.2
11 27	1 23.87	−16 40.5	2.335	3.002	15.8	18.3

331107 2010 BS_{118} 10 23.3 347°.21 5°.7/13.5 18

9 18	2 9.08	−17 38.4	4.081	4.901	7.5	20.1
9 28	2 5.09	−18 19.0	4.030	4.900	6.4	20.1
10 8	2 0.21	−18 52.2	4.004	4.899	5.8	20.0
10 18	1 54.76	−19 14.9	4.005	4.897	5.7	20.0
10 28	1 49.17	−19 24.6	4.032	4.896	6.3	20.1
11 7	1 43.84	−19 20.2	4.086	4.895	7.3	20.1
11 17	1 39.15	−19 1.5	4.163	4.895	8.5	20.2
11 27	1 35.43	−18 29.1	4.262	4.894	9.5	20.3

75488 1999 XT_{177} 10 23.3 138°.98 6°.7/17.5 18

9 18	2 18.49	− 7 22.6	2.089	2.937	12.5	19.5
9 28	2 12.77	− 8 18.8	2.037	2.945	9.9	19.3
10 8	2 5.23	− 9 9.0	2.008	2.953	7.6	19.2
10 18	1 56.55	− 9 47.1	2.006	2.960	6.7	19.2
10 28	1 47.60	−10 7.8	2.031	2.967	7.8	19.3
11 7	1 39.29	−10 8.2	2.084	2.974	10.0	19.4
11 17	1 32.37	− 9 47.9	2.161	2.980	12.5	19.6
11 27	1 27.40	− 9 8.4	2.259	2.986	14.8	19.8

440796 2006 OB_{22} 10 23.3 21°.01 5°.5/18.4 18

9 18	2 10.32	+ 4 20.7	1.379	2.261	15.7	20.2
9 28	2 7.42	+ 2 25.3	1.331	2.269	11.6	20.0
10 8	2 2.22	+ 0 23.4	1.307	2.279	7.7	19.8
10 18	1 55.55	− 1 34.2	1.307	2.289	5.5	19.7
10 28	1 48.52	− 3 15.6	1.333	2.301	7.3	19.9
11 7	1 42.30	− 4 32.0	1.384	2.313	11.0	20.1
11 17	1 37.78	− 5 18.7	1.458	2.327	14.7	20.4
11 27	1 35.60	− 5 35.6	1.551	2.341	17.9	20.6

138397 2000 HB_{11} 10 23.3 233°.56 1°.2/22.3 18

9 18	2 16.71	+ 9 42.5	2.103	2.944	12.7	20.1
9 28	2 11.68	+ 9 16.9	2.021	2.937	9.5	19.9
10 8	2 4.72	+ 8 43.8	1.962	2.930	5.9	19.7
10 18	1 56.44	+ 8 6.3	1.930	2.923	2.1	19.4
10 28	1 47.68	+ 7 28.9	1.928	2.915	2.7	19.4
11 7	1 39.37	+ 6 56.3	1.954	2.907	6.5	19.7
11 17	1 32.36	+ 6 32.8	2.007	2.899	10.2	19.9
11 27	1 27.29	+ 6 21.5	2.085	2.891	13.3	20.1

2788 Andenne 10 23.3 252°.95 0°.4/23.6 18

9 18	2 17.78	+14 20.8	1.851	2.685	14.4	17.5
9 28	2 12.82	+14 6.5	1.765	2.676	11.0	17.3
10 8	2 5.61	+13 40.4	1.703	2.667	7.0	17.0
10 18	1 56.80	+13 4.4	1.666	2.658	2.6	16.7
10 28	1 47.37	+12 22.8	1.657	2.648	2.1	16.7
11 7	1 38.43	+11 41.1	1.677	2.638	6.6	16.9
11 17	1 30.99	+11 5.2	1.723	2.628	10.7	17.2
11 27	1 25.81	+10 40.0	1.793	2.618	14.4	17.4

398636 2012 FQ_{48} 10 23.3 135°.50 3°.2/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 12.56	+ 4 10.2	2.365	3.218	11.1	20.9
9 28	2 8.25	+ 3 5.3	2.298	3.221	8.2	20.7
10 8	2 2.42	+ 1 56.7	2.257	3.224	5.3	20.5
10 18	1 55.60	+ 0 49.4	2.243	3.228	3.2	20.4
10 28	1 48.49	− 0 11.2	2.259	3.231	4.4	20.5
11 7	1 41.83	− 1 0.3	2.303	3.234	7.1	20.7
11 17	1 36.27	− 1 34.5	2.374	3.237	10.0	20.9
11 27	1 32.32	− 1 52.0	2.468	3.239	12.5	21.1

175251 2005 JQ_{30} 10 23.3 114°.02 4°.1/26.4 18

9 18	2 21.52	+23 28.9	1.585	2.393	17.6	20.3
9 28	2 15.91	+23 36.4	1.518	2.404	14.1	20.1
10 8	2 7.62	+23 23.1	1.471	2.415	10.0	19.9
10 18	1 57.50	+22 48.8	1.448	2.426	5.9	19.7
10 28	1 46.83	+21 56.6	1.452	2.436	4.2	19.6
11 7	1 37.02	+20 53.5	1.483	2.446	7.1	19.8
11 17	1 29.21	+19 48.3	1.540	2.455	11.0	20.1
11 27	1 24.17	+18 49.6	1.621	2.465	14.7	20.3

245289 2005 CY_{26} 10 23.3 236°.52 1°.6/21.9 18

9 18	2 17.14	+ 8 57.2	1.962	2.807	13.3	21.3
9 28	2 12.13	+ 8 25.2	1.881	2.800	10.0	21.1
10 8	2 5.08	+ 7 45.4	1.823	2.792	6.2	20.8
10 18	1 56.60	+ 7 1.6	1.792	2.784	2.4	20.6
10 28	1 47.60	+ 6 18.9	1.789	2.775	3.1	20.6
11 7	1 39.09	+ 5 42.6	1.815	2.767	7.1	20.8
11 17	1 31.96	+ 5 17.3	1.868	2.758	10.9	21.0
11 27	1 26.91	+ 5 6.2	1.944	2.749	14.2	21.2

157695 2006 AY_{5} 10 23.3 191°.71 3°.1/19.9 18

9 18	2 12.61	+ 4 38.3	2.314	3.167	11.3	20.0
9 28	2 8.36	+ 3 33.0	2.244	3.167	8.4	19.8
10 8	2 2.53	+ 2 23.3	2.198	3.166	5.4	19.7
10 18	1 55.66	+ 1 14.2	2.180	3.166	3.2	19.5
10 28	1 48.47	+ 0 11.4	2.192	3.165	4.3	19.6
11 7	1 41.72	− 0 39.9	2.232	3.164	7.2	19.8
11 17	1 36.09	− 1 16.2	2.298	3.163	10.2	20.0
11 27	1 32.10	− 1 35.5	2.388	3.162	12.8	20.1

71071 1999 XH_{112} 10 23.3 294°.17 5°.7/19.6 18

9 18	2 20.16	− 2 22.1	1.717	2.574	14.3	18.7
9 28	2 14.72	− 2 50.0	1.637	2.557	11.1	18.5
10 8	2 6.86	− 3 15.4	1.579	2.541	7.8	18.3
10 18	1 57.27	− 3 32.4	1.547	2.524	5.7	18.1
10 28	1 47.00	− 3 35.3	1.543	2.508	6.9	18.2
11 7	1 37.25	− 3 20.0	1.565	2.491	10.2	18.3
11 17	1 29.10	− 2 45.2	1.611	2.475	13.8	18.5
11 27	1 23.36	− 1 51.5	1.679	2.459	17.1	18.7

77575 2001 KF_{11} 10 23.3 193°.17 2°.9/21.0 18

9 18	2 18.89	+ 6 36.8	1.725	2.578	14.5	19.8
9 28	2 13.60	+ 5 48.0	1.654	2.577	10.8	19.5
10 8	2 6.05	+ 4 52.1	1.606	2.575	6.8	19.3
10 18	1 56.94	+ 3 54.6	1.584	2.574	3.3	19.1
10 28	1 47.33	+ 3 2.1	1.590	2.571	4.4	19.1
11 7	1 38.36	+ 2 21.2	1.624	2.568	8.4	19.4
11 17	1 31.01	+ 1 56.3	1.683	2.565	12.3	19.6
11 27	1 25.99	+ 1 49.8	1.765	2.561	15.7	19.8

149686 2004 GB_{35} 10 23.3 145°.95 3°.8/26.3 18 R

9 18	2 20.03	+23 2.7	1.709	2.516	16.6	20.3
9 28	2 14.69	+23 6.0	1.634	2.521	13.2	20.0
10 8	2 6.84	+22 49.9	1.581	2.525	9.4	19.8
10 18	1 57.24	+22 14.3	1.551	2.529	5.5	19.6
10 28	1 47.07	+21 22.3	1.549	2.533	3.9	19.5
11 7	1 37.60	+20 20.3	1.574	2.537	6.7	19.7
11 17	1 29.94	+19 16.3	1.626	2.540	10.6	20.0
11 27	1 24.86	+18 18.5	1.702	2.543	14.2	20.2

268692 2006 GZ_{40} 10 23.3 295°.79 4°.2/20.3 17

9 18	2 20.80	− 1 46.8	2.178	3.022	12.2	19.5
9 28	2 14.72	− 1 52.0	2.092	3.006	9.4	19.3
10 8	2 6.64	− 1 54.5	2.029	2.990	6.4	19.1
10 18	1 57.16	− 1 50.4	1.995	2.974	4.3	19.0
10 28	1 47.14	− 1 36.1	1.989	2.958	5.2	19.0
11 7	1 37.53	− 1 9.4	2.013	2.942	8.1	19.1
11 17	1 29.21	− 0 29.2	2.064	2.926	11.3	19.3
11 27	1 22.87	+ 0 24.3	2.139	2.911	14.1	19.5

303110 2004 BE_{144} 10 23.3 18°.06 2°.3/21.6 18

9 18	2 15.55	+ 7 48.2	1.587	2.448	15.1	20.9
9 28	2 11.22	+ 7 12.9	1.524	2.451	11.3	20.7
10 8	2 4.60	+ 6 30.1	1.483	2.455	7.0	20.4
10 18	1 56.44	+ 5 44.7	1.467	2.458	2.9	20.2
10 28	1 47.82	+ 5 3.2	1.478	2.463	3.9	20.3
11 7	1 39.90	+ 4 31.5	1.515	2.467	8.1	20.5
11 17	1 33.64	+ 4 14.2	1.577	2.472	12.2	20.8
11 27	1 29.75	+ 4 13.7	1.661	2.478	15.7	21.0

18261 5065 $T\text{-}_2$ 10 23.3 271.°17 3.°4/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.95	+23 34.7	1.699	2.511	16.5	19.0
9 28	2 11.74	+23 11.7	1.613	2.503	13.2	18.8
10 8	2 5.07	+22 26.5	1.547	2.495	9.3	18.5
10 18	1 56.66	+21 19.9	1.506	2.486	5.2	18.3
10 28	1 47.60	+19 56.1	1.491	2.478	3.5	18.2
11 7	1 39.13	+18 23.2	1.504	2.470	6.7	18.4
11 17	1 32.35	+16 50.8	1.544	2.461	10.9	18.6
11 27	1 28.04	+15 28.2	1.608	2.453	14.7	18.8

36258 1999 XG_{73} 10 23.3 171.°33 0.°6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.33	+12 46.3	1.874	2.709	14.2	19.5
9 28	2 13.79	+12 8.8	1.800	2.713	10.7	19.3
10 8	2 6.10	+11 19.8	1.749	2.716	6.7	19.1
10 18	1 56.96	+10 22.9	1.725	2.718	2.3	18.8
10 28	1 47.37	+ 9 23.7	1.730	2.720	2.4	18.8
11 7	1 38.41	+ 8 28.6	1.764	2.721	6.8	19.1
11 17	1 31.00	+ 7 43.3	1.825	2.721	10.8	19.4
11 27	1 25.82	+ 7 12.1	1.910	2.721	14.2	19.6

169045 2001 FE_{54} 10 23.3 249.°38 1.°1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 29.11	+12 31.6	2.133	2.942	13.7	20.1
9 28	2 21.30	+13 16.4	2.030	2.926	10.6	19.8
10 8	2 10.99	+13 56.0	1.953	2.910	6.9	19.6
10 18	1 58.78	+14 29.6	1.904	2.894	2.8	19.3
10 28	1 45.68	+14 57.5	1.887	2.877	2.1	19.2
11 7	1 32.89	+15 21.2	1.902	2.860	6.3	19.5
11 17	1 21.54	+15 43.1	1.947	2.842	10.2	19.7
11 27	1 12.53	+16 6.9	2.018	2.824	13.7	19.9

241527 Edwardwright 10 23.3 75.°14 3.°3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.56	+ 5 45.5	1.770	2.627	14.0	20.4
9 28	2 11.53	+ 4 41.7	1.723	2.648	10.3	20.3
10 8	2 4.55	+ 3 33.2	1.700	2.670	6.5	20.1
10 18	1 56.37	+ 2 25.9	1.703	2.691	3.5	19.9
10 28	1 47.97	+ 1 26.8	1.734	2.712	4.7	20.1
11 7	1 40.35	+ 0 41.7	1.793	2.733	8.1	20.3
11 17	1 34.29	+ 0 14.0	1.878	2.754	11.6	20.6
11 27	1 30.35	+ 0 5.0	1.985	2.775	14.5	20.8

446231 2013 GA_{106} 10 23.3 298.°16 0.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.11	+14 23.0	1.984	2.816	13.7	20.9
9 28	2 12.14	+14 20.6	1.903	2.812	10.5	20.7
10 8	2 5.11	+14 8.0	1.845	2.808	6.7	20.5
10 18	1 56.64	+13 46.6	1.814	2.805	2.6	20.2
10 28	1 47.65	+13 19.9	1.811	2.801	1.9	20.2
11 7	1 39.15	+12 52.2	1.836	2.798	6.0	20.4
11 17	1 32.05	+12 28.3	1.889	2.795	9.9	20.7
11 27	1 27.04	+12 12.6	1.965	2.791	13.2	20.9

425036 2009 HF_{103} 10 23.3 74.°01 2.°7/21.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.84	+ 8 3.8	1.316	2.177	17.6	21.2
9 28	2 16.00	+ 7 18.3	1.275	2.202	13.0	21.0
10 8	2 7.51	+ 6 24.7	1.255	2.226	8.0	20.8
10 18	1 57.41	+ 5 29.4	1.259	2.251	3.3	20.6
10 28	1 47.09	+ 4 40.2	1.290	2.275	4.4	20.7
11 7	1 37.93	+ 4 4.2	1.348	2.299	9.0	21.1
11 17	1 30.97	+ 3 45.5	1.429	2.323	13.3	21.4
11 27	1 26.81	+ 3 45.9	1.532	2.346	16.9	21.7

32873 1993 FS_{37} 10 23.3 76.°40 1.°0/22.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.88	+10 55.2	2.027	2.871	13.0	19.4
9 28	2 10.26	+10 19.4	1.960	2.878	9.7	19.2
10 8	2 3.80	+ 9 35.0	1.916	2.885	6.0	19.0
10 18	1 56.14	+ 8 45.6	1.899	2.892	2.1	18.7
10 28	1 48.13	+ 7 56.3	1.911	2.899	2.5	18.8
11 7	1 40.69	+ 7 12.4	1.951	2.906	6.4	19.1
11 17	1 34.58	+ 6 38.4	2.018	2.913	10.0	19.3
11 27	1 30.40	+ 6 17.6	2.109	2.920	13.0	19.5

304176 2006 QP_5 10 23.3 48.°47 5.°2/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.31	− 0 25.3	1.596	2.460	14.9	19.8
9 28	2 13.08	− 1 4.7	1.548	2.474	11.3	19.6
10 8	2 5.63	− 1 42.6	1.523	2.488	7.6	19.4
10 18	1 56.77	− 2 13.0	1.522	2.502	5.3	19.3
10 28	1 47.62	− 2 30.0	1.549	2.517	6.5	19.4
11 7	1 39.31	− 2 29.7	1.601	2.532	9.7	19.7
11 17	1 32.75	− 2 10.9	1.678	2.547	13.1	19.9
11 27	1 28.54	− 1 34.2	1.776	2.563	16.1	20.2

202979 1999 TR_{202} 10 23.3 327.°70 1.°9/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.04	+17 51.9	1.576	2.414	16.4	20.5
9 28	2 11.91	+17 47.0	1.497	2.406	12.7	20.2
10 8	2 5.24	+17 25.9	1.439	2.399	8.5	20.0
10 18	1 56.75	+16 49.6	1.404	2.393	3.9	19.7
10 28	1 47.56	+16 2.4	1.396	2.387	2.6	19.6
11 7	1 38.97	+15 10.8	1.415	2.381	7.0	19.9
11 17	1 32.11	+14 22.5	1.459	2.375	11.5	20.1
11 27	1 27.82	+13 44.1	1.526	2.370	15.4	20.3

393161 2013 CX_{24} 10 23.3 296.°31 2.°3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.49	+ 8 21.0	1.841	2.696	13.6	21.0
9 28	2 10.21	+ 7 26.8	1.768	2.692	10.2	20.7
10 8	2 3.91	+ 6 24.1	1.718	2.689	6.3	20.5
10 18	1 56.22	+ 5 17.9	1.695	2.686	2.7	20.3
10 28	1 48.08	+ 4 15.0	1.699	2.683	3.8	20.3
11 7	1 40.49	+ 3 21.9	1.732	2.679	7.7	20.6
11 17	1 34.32	+ 2 43.6	1.790	2.676	11.5	20.8
11 27	1 30.23	+ 2 23.1	1.870	2.673	14.7	21.0

515414 2013 HH_{50} 10 23.3 67.°24 1.°8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.76	+17 4.1	2.077	2.895	13.7	21.5
9 28	2 13.19	+17 18.5	2.009	2.908	10.5	21.3
10 8	2 5.65	+17 21.6	1.965	2.921	7.0	21.1
10 18	1 56.81	+17 14.3	1.947	2.934	3.3	20.9
10 28	1 47.58	+16 58.9	1.958	2.947	2.2	20.9
11 7	1 38.95	+16 39.2	1.998	2.961	5.6	21.1
11 17	1 31.75	+16 19.6	2.066	2.974	9.0	21.3
11 27	1 26.62	+16 4.6	2.158	2.987	12.1	21.6

121729 1999 XV_{165} 10 23.3 300.°13 9.°0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.60	−14 42.2	2.129	2.971	12.5	19.5
9 28	2 10.85	−15 50.3	2.064	2.955	10.6	19.3
10 8	2 4.23	−16 48.1	2.021	2.938	9.3	19.2
10 18	1 56.33	−17 28.7	2.003	2.922	9.1	19.1
10 28	1 48.00	−17 46.0	2.011	2.906	10.2	19.2
11 7	1 40.14	−17 37.1	2.043	2.890	12.2	19.3
11 17	1 33.57	−17 1.8	2.097	2.874	14.3	19.4
11 27	1 28.90	−16 2.6	2.171	2.858	16.3	19.5

15817 Lucianotesi 10 23.3 116.°14 20.°0/11.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 27.26	− 4 23.9	0.433	1.361	29.1	18.5
9 28	2 22.42	−10 11.8	0.424	1.377	23.5	18.3
10 8	2 12.33	−15 33.1	0.431	1.393	20.2	18.3
10 18	1 59.12	−19 42.3	0.453	1.407	20.8	18.4
10 28	1 45.92	−22 11.8	0.491	1.421	24.1	18.7
11 7	1 35.55	−23 2.5	0.540	1.433	28.3	19.1
11 17	1 29.52	−22 31.8	0.600	1.444	32.1	19.4
11 27	1 28.32	−21 1.5	0.667	1.454	35.2	19.8

320266 2007 RK_9 10 23.3 69.°69 1.°9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.40	+ 8 43.4	1.612	2.466	15.3	20.6
9 28	2 13.19	+ 8 9.1	1.559	2.483	11.4	20.4
10 8	2 5.73	+ 7 27.0	1.529	2.499	7.0	20.2
10 18	1 56.84	+ 6 41.9	1.524	2.516	2.7	20.0
10 28	1 47.64	+ 6 0.0	1.546	2.533	3.5	20.1
11 7	1 39.26	+ 5 27.0	1.596	2.549	7.7	20.4
11 17	1 32.64	+ 5 7.2	1.672	2.566	11.7	20.7
11 27	1 28.39	+ 5 3.1	1.769	2.582	15.0	20.9

487105 2014 OH_{151} 10 23.3 120.°06 2.°3/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.23	+ 6 8.1	2.114	2.962	12.4	21.7
9 28	2 11.22	+ 5 39.9	2.044	2.964	9.2	21.5
10 8	2 4.41	+ 5 7.4	1.997	2.966	5.8	21.3
10 18	1 56.39	+ 4 34.2	1.978	2.968	2.6	21.1
10 28	1 48.00	+ 4 4.9	1.988	2.970	3.5	21.2
11 7	1 40.13	+ 3 43.7	2.026	2.973	6.9	21.4
11 17	1 33.55	+ 3 33.8	2.092	2.975	10.2	21.6
11 27	1 28.85	+ 3 37.0	2.180	2.977	13.1	21.8

21757 1999 RQ_{194} 10 23.3 350.°36 10.°0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.09	+31 18.2	1.519	2.299	19.5	16.5
9 28	2 14.98	+33 1.6	1.438	2.289	16.8	16.3
10 8	2 7.67	+34 24.6	1.376	2.280	13.9	16.1
10 18	1 57.79	+35 20.4	1.336	2.272	11.3	15.9
10 28	1 46.65	+35 44.4	1.318	2.265	10.0	15.8
11 7	1 35.96	+35 38.0	1.324	2.260	10.8	15.9
11 17	1 27.33	+35 7.5	1.353	2.256	13.2	16.0
11 27	1 21.96	+34 23.5	1.404	2.254	16.2	16.2

400716 2009 SE_{16} 10 23.3 338.°00 9.°7/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.49	−14 40.5	2.070	2.921	12.5	19.9
9 28	2 7.77	−16 41.1	2.023	2.917	10.7	19.7
10 8	2 2.30	−18 31.5	2.001	2.912	9.7	19.7
10 18	1 55.66	−20 2.8	2.004	2.909	9.9	19.7
10 28	1 48.66	−21 7.9	2.032	2.905	11.2	19.7
11 7	1 42.17	−21 42.9	2.083	2.902	13.0	19.9
11 17	1 36.92	−21 47.7	2.154	2.899	15.0	20.0
11 27	1 33.49	−21 24.4	2.243	2.896	16.7	20.2

119207 2001 QB_{149} 10 23.3 9.°36 0.°2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.37	+11 48.9	1.051	1.930	19.7	19.0
9 28	2 12.13	+11 51.8	0.997	1.931	15.0	18.8
10 8	2 5.67	+11 41.5	0.961	1.935	9.4	18.5
10 18	1 56.97	+11 21.2	0.946	1.939	3.3	18.1
10 28	1 47.55	+10 57.0	0.955	1.946	3.0	18.2
11 7	1 39.14	+10 36.5	0.987	1.953	9.0	18.5
11 17	1 33.11	+10 26.1	1.040	1.963	14.3	18.9
11 27	1 30.33	+10 30.6	1.114	1.973	18.8	19.2

227296 2005 SY_{224} 10 23.3 305°.43 2°.2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 17.02	+ 8 29.9	1.426	2.290	16.3	20.2
9 28	2 12.89	+ 8 0.8	1.345	2.273	12.4	20.0
10 8	2 6.02	+ 7 22.1	1.285	2.257	7.8	19.7
10 18	1 57.12	+ 6 38.2	1.249	2.241	3.1	19.3
10 28	1 47.37	+ 5 56.0	1.239	2.226	4.0	19.4
11 7	1 38.18	+ 5 22.9	1.255	2.210	9.0	19.6
11 17	1 30.80	+ 5 4.6	1.295	2.196	13.9	19.9
11 27	1 26.17	+ 5 5.1	1.355	2.181	18.0	20.1

390808 2004 HK_{52} 10 23.3 179°.93 5°.2/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 28.03	+ 1 31.3	1.492	2.341	16.5	22.5
9 28	2 20.79	+ 0 37.2	1.426	2.344	12.6	22.3
10 8	2 10.71	− 0 19.3	1.382	2.347	8.3	22.0
10 18	1 58.69	− 1 11.1	1.365	2.347	5.3	21.9
10 28	1 46.08	− 1 50.0	1.376	2.347	6.7	22.0
11 7	1 34.35	− 2 9.9	1.414	2.345	10.7	22.2
11 17	1 24.75	− 2 8.0	1.476	2.341	14.8	22.4
11 27	1 18.07	− 1 44.2	1.560	2.336	18.4	22.7

213674 2002 TQ_{58} 10 23.3 16°.35 3°.5/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.07	+19 21.9	1.663	2.483	16.4	19.9
9 28	2 15.62	+20 4.5	1.589	2.485	13.0	19.6
10 8	2 7.55	+20 33.2	1.537	2.488	9.0	19.4
10 18	1 57.61	+20 46.7	1.509	2.491	5.1	19.2
10 28	1 46.97	+20 46.0	1.509	2.494	3.7	19.1
11 7	1 36.97	+20 34.9	1.535	2.498	6.9	19.3
11 17	1 28.78	+20 18.9	1.588	2.502	10.9	19.6
11 27	1 23.24	+20 4.4	1.664	2.506	14.5	19.8

48142 2001 FG_{151} 10 23.3 194°.84 1°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.28	+21 27.9	2.962	3.754	10.6	20.2
9 28	2 8.66	+20 47.4	2.870	3.752	8.3	20.0
10 8	2 2.67	+19 54.0	2.802	3.749	5.6	19.9
10 18	1 55.79	+18 49.4	2.763	3.746	2.9	19.7
10 28	1 48.61	+17 36.9	2.754	3.742	1.8	19.6
11 7	1 41.80	+16 21.0	2.776	3.738	4.2	19.8
11 17	1 35.94	+15 6.8	2.828	3.734	7.0	19.9
11 27	1 31.49	+13 58.9	2.908	3.729	9.5	20.1

331372 2012 DZ_{57} 10 23.3 150°.77 2°.1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.51	+ 6 30.3	2.566	3.409	10.6	21.9
9 28	2 8.90	+ 5 45.5	2.495	3.414	7.9	21.7
10 8	2 2.84	+ 4 56.3	2.450	3.418	4.9	21.5
10 18	1 55.84	+ 4 6.4	2.433	3.422	2.4	21.4
10 28	1 48.57	+ 3 20.1	2.446	3.426	3.2	21.4
11 7	1 41.72	+ 2 41.5	2.488	3.430	6.1	21.6
11 17	1 35.90	+ 2 13.7	2.558	3.433	8.9	21.8
11 27	1 31.60	+ 1 58.8	2.652	3.436	11.4	22.0

24302 1999 XP_{242} 10 23.3 15°.17 2°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.97	+ 4 46.2	1.208	2.076	18.4	16.4
9 28	2 17.44	+ 5 24.9	1.153	2.082	13.9	16.2
10 8	2 8.81	+ 6 2.7	1.118	2.090	8.7	15.9
10 18	1 58.05	+ 6 41.5	1.107	2.099	3.4	15.7
10 28	1 46.68	+ 7 23.5	1.121	2.109	3.8	15.7
11 7	1 36.34	+ 8 10.6	1.161	2.121	9.0	16.1
11 17	1 28.35	+ 9 4.0	1.225	2.134	13.8	16.4
11 27	1 23.56	+10 4.7	1.310	2.148	17.9	16.7

259720 2003 YV_{79} 10 23.3 356°.27 3°.4/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.34	+ 6 6.9	0.913	1.811	20.2	19.0
9 28	2 11.01	+ 5 55.4	0.857	1.803	15.3	18.7
10 8	2 5.22	+ 5 36.8	0.819	1.798	9.6	18.4
10 18	1 56.90	+ 5 17.3	0.802	1.794	4.2	18.1
10 28	1 47.68	+ 5 5.1	0.805	1.792	5.4	18.1
11 7	1 39.46	+ 5 7.3	0.830	1.793	11.1	18.5
11 17	1 33.75	+ 5 28.2	0.875	1.795	16.6	18.8
11 27	1 31.55	+ 6 9.3	0.938	1.800	21.3	19.1

403991 2012 BJ_{122} 10 23.3 234°.90 1°.0/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.80	+10 22.7	2.252	3.091	12.0	21.5
9 28	2 10.15	+ 9 54.6	2.173	3.089	9.0	21.3
10 8	2 3.77	+ 9 19.1	2.118	3.086	5.6	21.1
10 18	1 56.22	+ 8 39.2	2.091	3.083	2.0	20.9
10 28	1 48.28	+ 7 59.0	2.092	3.080	2.4	20.9
11 7	1 40.77	+ 7 23.1	2.123	3.078	6.0	21.1
11 17	1 34.45	+ 6 55.5	2.181	3.075	9.4	21.4
11 27	1 29.90	+ 6 39.3	2.264	3.071	12.3	21.5

101396 1998 UE_{39} 10 23.3 342°.15 0°.2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.54	+12 59.0	1.092	1.970	19.2	19.5
9 28	2 10.15	+12 45.5	1.021	1.956	14.7	19.2
10 8	2 4.61	+12 15.8	0.970	1.943	9.3	18.9
10 18	1 56.70	+11 33.1	0.939	1.932	3.3	18.5
10 28	1 47.82	+10 44.6	0.931	1.922	3.0	18.5
11 7	1 39.68	+ 9 59.8	0.947	1.914	9.2	18.8
11 17	1 33.73	+ 9 27.2	0.984	1.907	14.9	19.1
11 27	1 31.01	+ 9 13.3	1.040	1.902	19.7	19.4

222435 2001 QW_4 10 23.3 42°.05 1°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.02	+16 3.1	1.181	2.039	19.4	20.2
9 28	2 13.63	+15 44.4	1.136	2.058	14.7	20.0
10 8	2 6.32	+15 7.6	1.110	2.078	9.4	19.7
10 18	1 57.14	+14 16.5	1.106	2.098	3.7	19.5
10 28	1 47.57	+13 18.3	1.128	2.119	2.5	19.5
11 7	1 39.15	+12 22.3	1.174	2.140	8.0	19.9
11 17	1 33.02	+11 36.5	1.244	2.162	12.8	20.2
11 27	1 29.88	+11 6.7	1.335	2.185	16.9	20.5

1825 Klare 10 23.3 325°.80 2°.7/25.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.39	+20 1.9	1.632	2.461	16.3	15.6
9 28	2 11.43	+19 59.7	1.549	2.452	12.8	15.4
10 8	2 4.99	+19 39.8	1.487	2.443	8.8	15.1
10 18	1 56.75	+19 2.8	1.449	2.434	4.6	14.8
10 28	1 47.80	+18 12.1	1.438	2.426	3.0	14.7
11 7	1 39.41	+17 14.5	1.453	2.419	6.8	14.9
11 17	1 32.69	+16 17.6	1.493	2.412	11.1	15.2
11 27	1 28.48	+15 29.1	1.557	2.405	15.0	15.4

457922 2009 UQ_{75} 10 23.3 310°.53 1°.1/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.57	+16 35.7	2.037	2.867	13.5	21.5
9 28	2 9.59	+16 19.2	1.943	2.850	10.4	21.3
10 8	2 3.63	+15 49.9	1.872	2.833	6.8	21.0
10 18	1 56.23	+15 9.3	1.827	2.817	2.9	20.8
10 28	1 48.25	+14 21.1	1.810	2.801	1.9	20.7
11 7	1 40.64	+13 30.8	1.821	2.785	5.9	20.9
11 17	1 34.31	+12 44.1	1.859	2.769	9.8	21.1
11 27	1 29.95	+12 6.4	1.921	2.754	13.2	21.3

154970 2004 TB_{280} 10 23.3 116°.49 0°.2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.12	+12 36.3	2.297	3.130	12.0	21.0
9 28	2 10.32	+12 14.8	2.223	3.134	9.1	20.8
10 8	2 3.84	+11 44.9	2.173	3.139	5.7	20.6
10 18	1 56.25	+11 8.9	2.151	3.143	2.0	20.4
10 28	1 48.30	+10 30.7	2.157	3.147	1.9	20.4
11 7	1 40.83	+ 9 54.8	2.193	3.152	5.5	20.6
11 17	1 34.54	+ 9 25.0	2.257	3.156	8.9	20.9
11 27	1 30.01	+ 9 4.9	2.346	3.160	11.8	21.1

494708 2005 JY_{74} 10 23.3 110°.97 6°.3/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.82	− 3 10.2	1.686	2.539	14.7	21.6
9 28	2 16.29	− 4 9.6	1.643	2.560	11.3	21.4
10 8	2 7.57	− 5 5.2	1.623	2.580	8.1	21.3
10 18	1 57.52	− 5 50.0	1.629	2.599	6.3	21.2
10 28	1 47.27	− 6 17.6	1.663	2.618	7.5	21.3
11 7	1 37.94	− 6 24.3	1.724	2.636	10.4	21.6
11 17	1 30.41	− 6 9.5	1.809	2.653	13.5	21.8
11 27	1 25.28	− 5 34.6	1.915	2.670	16.1	22.0

314540 2005 YK_{82} 10 23.3 80°.27 6°.1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.72	− 5 37.5	2.189	3.044	11.8	19.9
9 28	2 9.93	− 6 42.0	2.141	3.056	9.2	19.8
10 8	2 3.53	− 7 42.0	2.118	3.068	7.0	19.7
10 18	1 56.11	− 8 31.7	2.121	3.080	6.1	19.7
10 28	1 48.46	− 9 5.7	2.152	3.092	7.2	19.7
11 7	1 41.38	− 9 20.9	2.209	3.104	9.4	19.9
11 17	1 35.55	− 9 16.2	2.292	3.115	11.7	20.1
11 27	1 31.46	− 8 52.5	2.395	3.127	13.9	20.3

470547 2008 EG_{84} 10 23.3 255°.02 2°.9/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.68	+ 6 43.7	1.563	2.420	15.5	22.0
9 28	2 14.62	+ 6 6.5	1.484	2.409	11.7	21.8
10 8	2 6.98	+ 5 21.7	1.427	2.397	7.4	21.5
10 18	1 57.46	+ 4 34.4	1.394	2.385	3.4	21.2
10 28	1 47.21	+ 3 51.4	1.389	2.373	4.5	21.3
11 7	1 37.55	+ 3 19.3	1.411	2.360	9.0	21.5
11 17	1 29.62	+ 3 3.3	1.458	2.347	13.4	21.7
11 27	1 24.30	+ 3 6.0	1.526	2.335	17.2	22.0

445940 2013 AE_{44} 10 23.3 327°.64 10°.5/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.19	+35 30.4	1.505	2.269	20.4	20.7
9 28	2 12.92	+36 35.5	1.416	2.251	17.8	20.4
10 8	2 6.45	+37 13.9	1.343	2.234	15.0	20.2
10 18	1 57.43	+37 18.7	1.290	2.218	12.3	20.0
10 28	1 47.19	+36 46.7	1.259	2.203	10.7	19.9
11 7	1 37.45	+35 40.9	1.251	2.189	11.1	19.9
11 17	1 29.81	+34 10.3	1.266	2.175	13.4	20.0
11 27	1 25.46	+32 28.4	1.302	2.163	16.5	20.1

227039 2005 AU_{73} 10 23.3 302°.19 0°.0/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.95	+13 12.9	2.186	3.022	12.5	21.0
9 28	2 9.69	+12 53.3	2.097	3.009	9.5	20.8
10 8	2 3.60	+12 24.0	2.031	2.996	6.0	20.6
10 18	1 56.22	+11 47.4	1.991	2.983	2.1	20.3
10 28	1 48.34	+11 7.2	1.980	2.971	1.9	20.3
11 7	1 40.83	+10 28.3	1.998	2.958	5.8	20.5
11 17	1 34.51	+ 9 55.2	2.044	2.946	9.5	20.7
11 27	1 30.01	+ 9 32.0	2.113	2.934	12.6	20.9

99474 2002 CE_{114} 10 23.3 123°.10 0°.4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 22.94	+14 7.5	1.582	2.418	16.4	20.3
9 28	2 16.82	+13 53.1	1.520	2.432	12.5	20.1
10 8	2 8.15	+13 25.8	1.480	2.445	7.9	19.9
10 18	1 57.81	+12 48.4	1.466	2.457	2.9	19.6
10 28	1 47.02	+12 5.8	1.479	2.469	2.3	19.6
11 7	1 37.10	+11 24.6	1.520	2.481	7.1	19.9
11 17	1 29.11	+10 50.8	1.587	2.492	11.5	20.2
11 27	1 23.78	+10 29.4	1.677	2.502	15.2	20.5

457890 2009 TZ_{3} 10 23.3 13°.50 2°.2/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.97	+20 58.3	1.943	2.762	14.5	21.5
9 28	2 9.11	+20 32.8	1.867	2.764	11.3	21.3
10 8	2 3.27	+19 50.3	1.813	2.766	7.7	21.1
10 18	1 56.09	+18 52.6	1.784	2.769	3.9	20.8
10 28	1 48.49	+17 44.0	1.783	2.772	2.5	20.7
11 7	1 41.45	+16 31.2	1.811	2.776	5.7	21.0
11 17	1 35.80	+15 21.2	1.865	2.780	9.4	21.2
11 27	1 32.20	+14 20.4	1.944	2.784	12.7	21.4

389761 2011 SG_{199} 10 23.3 184°.54 2°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.65	+19 44.2	2.113	2.917	13.9	21.1
9 28	2 14.80	+19 59.0	2.029	2.917	11.0	20.9
10 8	2 6.84	+20 0.8	1.969	2.917	7.5	20.7
10 18	1 57.38	+19 49.6	1.934	2.916	4.1	20.5
10 28	1 47.37	+19 27.1	1.929	2.916	2.8	20.4
11 7	1 37.85	+18 57.5	1.953	2.914	5.8	20.6
11 17	1 29.76	+18 25.8	2.005	2.913	9.3	20.8
11 27	1 23.81	+17 57.5	2.081	2.910	12.5	21.1

470516 2008 CQ_{138} 10 23.3 253°.62 3°.3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.12	+ 6 42.5	1.526	2.386	15.6	21.8
9 28	2 13.45	+ 5 47.1	1.451	2.378	11.8	21.5
10 8	2 6.24	+ 4 42.9	1.397	2.368	7.4	21.2
10 18	1 57.21	+ 3 36.1	1.369	2.359	3.7	21.0
10 28	1 47.51	+ 2 34.8	1.368	2.349	5.0	21.1
11 7	1 38.44	+ 1 46.8	1.394	2.340	9.4	21.3
11 17	1 31.12	+ 1 17.7	1.443	2.330	13.7	21.5
11 27	1 26.37	+ 1 10.3	1.514	2.319	17.5	21.7

258678 2002 EA_{132} 10 23.3 205°.52 2°.0/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.39	+18 45.9	2.367	3.174	12.5	21.0
9 28	2 12.14	+18 52.5	2.281	3.172	9.8	20.8
10 8	2 5.07	+18 47.7	2.219	3.170	6.6	20.6
10 18	1 56.73	+18 32.0	2.183	3.168	3.4	20.4
10 28	1 47.94	+18 7.6	2.177	3.165	2.3	20.3
11 7	1 39.55	+17 38.0	2.200	3.162	5.2	20.5
11 17	1 32.37	+17 7.8	2.252	3.159	8.4	20.7
11 27	1 27.02	+16 41.5	2.329	3.156	11.4	20.9

21831 1999 TX_{93} 10 23.3 270°.81 3°.9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.72	+ 5 17.1	1.861	2.720	13.3	17.3
9 28	2 10.53	+ 3 57.6	1.776	2.702	10.0	17.1
10 8	2 4.25	+ 2 29.8	1.715	2.684	6.5	16.8
10 18	1 56.49	+ 1 0.3	1.680	2.666	3.9	16.6
10 28	1 48.14	− 0 22.9	1.674	2.647	5.4	16.7
11 7	1 40.22	− 1 31.8	1.695	2.628	9.0	16.9
11 17	1 33.66	− 2 20.9	1.742	2.609	12.8	17.0
11 27	1 29.18	− 2 47.3	1.810	2.590	16.0	17.2

146318 2001 LE_{1} 10 23.3 111°.40 7°.4/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.63	− 6 17.6	1.688	2.541	14.8	19.6
9 28	2 16.18	− 7 17.5	1.645	2.558	11.6	19.4
10 8	2 7.55	− 8 10.6	1.625	2.575	8.7	19.3
10 18	1 57.56	− 8 49.8	1.631	2.591	7.4	19.3
10 28	1 47.34	− 9 8.6	1.663	2.607	8.5	19.4
11 7	1 38.04	− 9 4.2	1.722	2.623	11.2	19.6
11 17	1 30.54	− 8 36.8	1.805	2.637	14.0	19.8
11 27	1 25.43	− 7 48.7	1.908	2.652	16.6	20.0

305349 2008 BG_{7} 10 23.4 325°.71 5°.9/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.69	+27 20.1	1.686	2.482	17.2	20.6
9 28	2 11.82	+27 43.9	1.598	2.470	14.2	20.4
10 8	2 5.36	+27 46.0	1.529	2.459	10.8	20.2
10 18	1 56.96	+27 24.3	1.484	2.448	7.5	19.9
10 28	1 47.74	+26 39.6	1.463	2.438	5.9	19.8
11 7	1 39.04	+25 37.4	1.469	2.428	7.6	19.9
11 17	1 32.05	+24 25.8	1.500	2.419	11.0	20.1
11 27	1 27.69	+23 14.6	1.554	2.410	14.6	20.3

407558 2010 XE_{62} 10 23.4 298°.42 2°.9/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.03	+22 23.6	2.077	2.884	14.1	21.0
9 28	2 10.02	+22 11.0	1.977	2.864	11.2	20.8
10 8	2 3.96	+21 41.4	1.899	2.845	7.9	20.5
10 18	1 56.41	+20 55.0	1.846	2.826	4.5	20.3
10 28	1 48.23	+19 54.9	1.821	2.808	3.0	20.2
11 7	1 40.42	+18 46.4	1.825	2.789	5.8	20.3
11 17	1 33.91	+17 36.6	1.855	2.770	9.5	20.5
11 27	1 29.42	+16 32.4	1.911	2.752	12.9	20.7

132732 2002 PM_{25} 10 23.4 31°.39 0°.8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 13.80	+15 52.4	2.023	2.855	13.4	19.7
9 28	2 9.57	+15 32.3	1.954	2.862	10.2	19.5
10 8	2 3.49	+15 0.3	1.907	2.870	6.6	19.3
10 18	1 56.18	+14 18.8	1.887	2.878	2.6	19.1
10 28	1 48.50	+13 31.9	1.895	2.886	1.8	19.0
11 7	1 41.37	+12 45.1	1.932	2.895	5.7	19.3
11 17	1 35.58	+12 3.5	1.996	2.904	9.3	19.5
11 27	1 31.72	+11 31.5	2.083	2.913	12.4	19.8

113924 2002 TT_{287} 10 23.4 38°.38 4°.6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.17	+21 32.1	1.575	2.390	17.4	18.6
9 28	2 16.53	+22 23.9	1.512	2.402	13.9	18.4
10 8	2 8.17	+22 59.3	1.470	2.414	9.9	18.2
10 18	1 57.90	+23 16.2	1.451	2.427	6.1	18.0
10 28	1 47.01	+23 15.2	1.459	2.441	4.7	18.0
11 7	1 36.92	+23 0.7	1.494	2.455	7.3	18.2
11 17	1 28.81	+22 38.8	1.554	2.469	11.0	18.4
11 27	1 23.50	+22 17.1	1.638	2.484	14.5	18.7

265243 2004 EE_{23} 10 23.4 147°.63 1°.3/22.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.53	+10 48.1	1.871	2.710	14.1	21.5
9 28	2 13.92	+10 5.5	1.804	2.719	10.5	21.3
10 8	2 6.22	+ 9 13.2	1.760	2.728	6.5	21.1
10 18	1 57.15	+ 8 15.5	1.743	2.736	2.3	20.9
10 28	1 47.70	+ 7 18.2	1.756	2.743	2.9	20.9
11 7	1 38.92	+ 6 27.5	1.797	2.750	7.0	21.2
11 17	1 31.70	+ 5 48.5	1.865	2.756	10.8	21.4
11 27	1 26.66	+ 5 24.7	1.956	2.762	14.1	21.7

268939 2007 DC_{28} 10 23.4 106°.15 3°.0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.31	+19 27.2	1.663	2.480	16.5	20.3
9 28	2 16.47	+19 48.0	1.593	2.489	13.0	20.1
10 8	2 8.06	+19 53.4	1.545	2.497	8.9	19.8
10 18	1 57.86	+19 43.1	1.522	2.505	4.7	19.6
10 28	1 47.08	+19 19.4	1.525	2.513	3.3	19.5
11 7	1 37.03	+18 47.6	1.557	2.520	6.7	19.8
11 17	1 28.84	+18 14.0	1.615	2.528	10.8	20.0
11 27	1 23.30	+17 45.5	1.697	2.535	14.4	20.3

76270 2000 ED_{110} 10 23.4 61°.46 3°.8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.25	+ 4 3.8	1.376	2.240	16.8	17.8
9 28	2 15.68	+ 3 35.0	1.327	2.255	12.6	17.6
10 8	2 7.49	+ 3 3.1	1.299	2.270	8.0	17.4
10 18	1 57.61	+ 2 33.7	1.296	2.285	4.1	17.2
10 28	1 47.37	+ 2 13.3	1.319	2.300	5.2	17.3
11 7	1 38.13	+ 2 6.8	1.369	2.316	9.4	17.6
11 17	1 30.95	+ 2 16.8	1.442	2.331	13.5	17.9
11 27	1 26.52	+ 2 44.0	1.536	2.347	17.0	18.2

301206 2009 AC_{31} 10 23.4 100°.07 0°.1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.23	+13 45.8	1.848	2.686	14.3	21.8
9 28	2 12.27	+13 17.5	1.781	2.694	10.8	21.6
10 8	2 5.23	+12 37.7	1.737	2.703	6.8	21.4
10 18	1 56.82	+11 49.5	1.719	2.711	2.4	21.1
10 28	1 48.02	+10 58.0	1.729	2.719	2.1	21.1
11 7	1 39.86	+10 9.2	1.768	2.728	6.4	21.4
11 17	1 33.22	+ 9 28.6	1.833	2.736	10.3	21.7
11 27	1 28.75	+ 9 0.6	1.922	2.744	13.7	21.9

342678 2008 VV_{38} 10 23.4 287°.25 0°.2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.54	+12 2.4	1.696	2.540	15.1	21.0
9 28	2 13.74	+11 54.7	1.608	2.525	11.5	20.7
10 8	2 6.47	+11 36.8	1.542	2.509	7.3	20.5
10 18	1 57.36	+11 10.9	1.500	2.493	2.6	20.1
10 28	1 47.48	+10 41.3	1.487	2.477	2.4	20.1
11 7	1 38.05	+10 13.3	1.501	2.461	7.3	20.4
11 17	1 30.20	+ 9 52.5	1.540	2.445	11.8	20.6
11 27	1 24.80	+ 9 43.4	1.603	2.430	15.7	20.8

495634 2015 XE_{107} 10 23.4 252°.84 5°.6/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.82	− 7 17.7	2.740	3.583	10.0	22.3
9 28	2 9.93	− 8 11.6	2.660	3.566	8.0	22.1
10 8	2 3.58	− 9 1.9	2.606	3.548	6.2	22.0
10 18	1 56.23	− 9 43.7	2.579	3.530	5.6	21.9
10 28	1 48.51	−10 12.4	2.581	3.512	6.6	22.0
11 7	1 41.11	−10 25.0	2.610	3.493	8.5	22.1
11 17	1 34.65	−10 19.9	2.665	3.474	10.7	22.2
11 27	1 29.66	− 9 57.3	2.743	3.455	12.7	22.3

184198 2004 PF_{55} 10 23.4 34°.62 2°.7/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.16	+ 5 45.5	1.949	2.804	13.0	20.3
9 28	2 10.59	+ 5 8.1	1.884	2.808	9.7	20.2
10 8	2 4.14	+ 4 26.2	1.842	2.812	6.1	19.9
10 18	1 56.43	+ 3 44.1	1.827	2.816	3.0	19.8
10 28	1 48.36	+ 3 7.1	1.839	2.820	4.0	19.8
11 7	1 40.85	+ 2 40.1	1.880	2.825	7.4	20.1
11 17	1 34.70	+ 2 26.4	1.947	2.830	10.9	20.3
11 27	1 30.52	+ 2 27.9	2.036	2.835	13.8	20.5

364331 2006 UK_{129} 10 23.4 312°.10 1°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 12.40	+19 48.0	1.745	2.575	15.3	20.5
9 28	2 9.06	+19 0.0	1.652	2.558	12.0	20.3
10 8	2 3.48	+17 51.5	1.581	2.541	8.0	20.0
10 18	1 56.28	+16 24.7	1.535	2.524	3.6	19.7
10 28	1 48.44	+14 45.8	1.517	2.508	2.2	19.6
11 7	1 41.08	+13 3.7	1.526	2.492	6.6	19.8
11 17	1 35.20	+11 27.9	1.562	2.476	11.0	20.0
11 27	1 31.57	+10 6.8	1.622	2.461	14.9	20.2

253407 2003 QV_{9} 10 23.4 35°.47 8°.1/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.16	− 2 36.2	1.041	1.928	19.2	19.4
9 28	2 14.67	− 3 39.9	1.005	1.940	14.8	19.2
10 8	2 7.07	− 4 38.9	0.987	1.953	10.5	19.0
10 18	1 57.49	− 5 22.6	0.990	1.967	8.2	18.9
10 28	1 47.54	− 5 41.7	1.017	1.981	9.7	19.1
11 7	1 38.85	− 5 31.8	1.066	1.996	13.4	19.3
11 17	1 32.60	− 4 53.5	1.136	2.012	17.4	19.6
11 27	1 29.50	− 3 50.3	1.223	2.029	20.8	19.9

400988 2011 AX_{43} 10 23.4 339°.64 8°.5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.74	− 8 29.4	1.725	2.592	13.8	19.9
9 28	2 9.09	− 9 48.7	1.664	2.581	11.2	19.8
10 8	2 3.36	−11 1.7	1.626	2.571	9.1	19.6
10 18	1 56.20	−11 59.9	1.612	2.561	8.5	19.6
10 28	1 48.57	−12 35.6	1.623	2.552	9.9	19.6
11 7	1 41.49	−12 44.3	1.658	2.544	12.4	19.8
11 17	1 35.87	−12 25.2	1.715	2.537	15.2	19.9
11 27	1 32.38	−11 40.0	1.791	2.530	17.7	20.1

353388 2011 OL_{1} 10 23.4 92°.56 5°.8/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.32	+29 23.7	1.839	2.614	16.8	20.5
9 28	2 13.43	+29 33.0	1.764	2.621	13.9	20.3
10 8	2 6.14	+29 19.6	1.709	2.628	10.6	20.1
10 18	1 57.20	+28 42.1	1.677	2.635	7.4	20.0
10 28	1 47.72	+27 42.6	1.671	2.642	5.8	19.9
11 7	1 38.94	+26 27.1	1.693	2.648	7.1	20.0
11 17	1 31.89	+25 4.1	1.741	2.655	10.0	20.2
11 27	1 27.30	+23 42.9	1.814	2.662	13.2	20.4

220944 2005 JG_{149} 10 23.4 38°.71 3°.5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.75	+ 4 37.2	1.123	1.998	19.0	19.7
9 28	2 16.53	+ 4 25.6	1.079	2.012	14.2	19.5
10 8	2 8.22	+ 4 10.5	1.054	2.027	8.9	19.3
10 18	1 57.92	+ 3 57.2	1.052	2.043	4.2	19.0
10 28	1 47.19	+ 3 52.0	1.075	2.059	5.2	19.2
11 7	1 37.67	+ 3 59.9	1.122	2.077	10.0	19.5
11 17	1 30.59	+ 4 23.3	1.192	2.094	14.7	19.8
11 27	1 26.67	+ 5 2.6	1.282	2.113	18.6	20.1

31851 2000 EK_{40} 10 23.4 84°.99 1°.7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.46	+11 12.0	1.276	2.134	18.2	19.2
9 28	2 15.99	+10 20.7	1.228	2.153	13.6	19.0
10 8	2 7.74	+ 9 16.6	1.202	2.173	8.3	18.8
10 18	1 57.72	+ 8 6.1	1.199	2.192	3.0	18.5
10 28	1 47.37	+ 6 57.8	1.223	2.211	3.7	18.6
11 7	1 38.15	+ 6 0.8	1.273	2.230	8.8	19.0
11 17	1 31.16	+ 5 21.3	1.347	2.248	13.5	19.3
11 27	1 27.07	+ 5 2.5	1.442	2.266	17.3	19.6

247330 2001 UJ_{60} 10 23.4 80°.79 1°.4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.53	+18 1.6	1.940	2.761	14.4	20.8
9 28	2 12.35	+17 39.6	1.881	2.781	11.0	20.6
10 8	2 5.21	+17 3.5	1.844	2.801	7.2	20.4
10 18	1 56.81	+16 15.8	1.833	2.821	3.2	20.2
10 28	1 48.13	+15 21.0	1.850	2.841	2.0	20.1
11 7	1 40.16	+14 25.0	1.897	2.860	5.7	20.4
11 17	1 33.70	+13 33.6	1.971	2.879	9.4	20.7
11 27	1 29.34	+12 52.1	2.069	2.898	12.5	20.9

53743 2000 EX_{55} 10 23.4 58°.35 4°.8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.11	+ 4 23.0	1.339	2.211	16.7	18.9
9 28	2 12.62	+ 3 5.4	1.292	2.225	12.4	18.7
10 8	2 5.61	+ 1 42.5	1.268	2.239	8.0	18.5
10 18	1 56.98	+ 0 23.3	1.268	2.253	4.9	18.4
10 28	1 48.01	− 0 42.9	1.293	2.268	6.4	18.5
11 7	1 40.00	− 1 28.4	1.344	2.283	10.4	18.8
11 17	1 33.94	− 1 49.6	1.419	2.298	14.4	19.1
11 27	1 30.51	− 1 46.2	1.513	2.313	17.7	19.3

366051 2012 CA_{11} 10 23.4 127°.03 1°.0/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.09	+ 9 49.3	2.588	3.422	10.8	21.9
9 28	2 10.08	+ 9 18.6	2.520	3.433	8.1	21.8
10 8	2 3.63	+ 8 41.9	2.478	3.444	4.9	21.6
10 18	1 56.24	+ 8 2.1	2.463	3.455	1.8	21.4
10 28	1 48.60	+ 7 23.0	2.478	3.465	2.2	21.4
11 7	1 41.41	+ 6 48.4	2.524	3.475	5.3	21.7
11 17	1 35.29	+ 6 21.5	2.597	3.485	8.3	21.9
11 27	1 30.71	+ 6 4.9	2.696	3.494	10.8	22.1

27319 2000 BV_{10} 10 23.4 92°.81 1°.3/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.46	+17 1.4	1.590	2.422	16.5	18.9
9 28	2 14.96	+16 43.2	1.531	2.438	12.6	18.7
10 8	2 7.02	+16 9.4	1.494	2.455	8.2	18.5
10 18	1 57.49	+15 22.5	1.481	2.471	3.4	18.2
10 28	1 47.57	+14 27.8	1.496	2.487	2.2	18.2
11 7	1 38.52	+13 32.3	1.539	2.502	6.8	18.5
11 17	1 31.34	+12 43.2	1.607	2.517	11.0	18.8
11 27	1 26.72	+12 6.1	1.699	2.532	14.6	19.1

243869 2000 XJ_{1} 10 23.4 327°.17 4°.6/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.89	+23 58.8	1.418	2.244	18.4	19.8
9 28	2 10.83	+24 3.2	1.332	2.229	14.9	19.5
10 8	2 4.94	+23 43.9	1.266	2.214	10.8	19.2
10 18	1 56.91	+22 59.8	1.221	2.200	6.6	18.9
10 28	1 47.96	+21 53.8	1.201	2.186	4.6	18.8
11 7	1 39.59	+20 33.8	1.206	2.173	7.7	18.9
11 17	1 33.11	+19 10.2	1.236	2.162	12.2	19.2
11 27	1 29.50	+17 54.0	1.287	2.151	16.5	19.4

331410 2012 FM_{49} 10 23.4 100°.13 3°.1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.02	+ 4 27.9	2.345	3.196	11.2	21.0
9 28	2 8.68	+ 3 27.9	2.281	3.203	8.3	20.8
10 8	2 2.82	+ 2 24.2	2.242	3.210	5.3	20.6
10 18	1 55.97	+ 1 21.7	2.231	3.216	3.1	20.5
10 28	1 48.85	+ 0 25.6	2.249	3.222	4.2	20.6
11 7	1 42.19	− 0 19.3	2.295	3.229	7.0	20.8
11 17	1 36.64	− 0 49.9	2.369	3.235	9.9	21.0
11 27	1 32.70	− 1 4.5	2.465	3.241	12.4	21.2

403508 2009 VT_{92} 10 23.4 354°.28 8°.0/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.33	− 9 22.4	1.663	2.520	14.8	19.4
9 28	2 14.05	− 9 45.5	1.602	2.514	11.9	19.2
10 8	2 6.45	− 9 58.4	1.563	2.510	9.3	19.1
10 18	1 57.31	− 9 54.9	1.549	2.506	8.0	19.0
10 28	1 47.70	− 9 29.8	1.560	2.504	9.0	19.1
11 7	1 38.81	− 8 41.4	1.597	2.502	11.6	19.2
11 17	1 31.62	− 7 31.1	1.657	2.501	14.5	19.4
11 27	1 26.81	− 6 2.0	1.738	2.502	17.2	19.6

398591 2011 WN_{81} 10 23.4 349°.35 0°.4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.35	+15 7.9	1.679	2.523	15.2	21.1
9 28	2 10.45	+14 39.9	1.604	2.520	11.6	20.8
10 8	2 4.30	+13 57.7	1.551	2.517	7.4	20.6
10 18	1 56.57	+13 4.2	1.523	2.515	2.8	20.3
10 28	1 48.31	+12 5.0	1.522	2.513	2.1	20.3
11 7	1 40.63	+11 7.3	1.548	2.511	6.8	20.6
11 17	1 34.53	+10 17.5	1.600	2.510	11.1	20.8
11 27	1 30.71	+ 9 41.4	1.675	2.509	14.7	21.0

451154 2009 SZ_{30} 10 23.4 111°.64 0°.3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.60	+13 10.7	2.349	3.174	12.1	21.2
9 28	2 12.19	+13 9.8	2.276	3.181	9.1	21.0
10 8	2 5.06	+13 1.0	2.226	3.189	5.8	20.8
10 18	1 56.78	+12 45.9	2.204	3.196	2.1	20.6
10 28	1 48.15	+12 27.3	2.212	3.203	1.7	20.6
11 7	1 39.99	+12 8.7	2.249	3.209	5.3	20.8
11 17	1 33.05	+11 53.6	2.315	3.216	8.6	21.0
11 27	1 27.89	+11 45.3	2.406	3.223	11.4	21.3

144926 2005 CL_{51} 10 23.4 119°.65 4°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.20	+23 31.3	1.583	2.388	17.8	20.2
9 28	2 17.32	+23 48.7	1.515	2.399	14.2	20.0
10 8	2 8.68	+23 45.8	1.468	2.410	10.2	19.8
10 18	1 58.14	+23 21.8	1.444	2.420	6.2	19.6
10 28	1 47.01	+22 39.1	1.448	2.430	4.5	19.5
11 7	1 36.71	+21 44.2	1.478	2.440	7.2	19.7
11 17	1 28.46	+20 45.6	1.535	2.449	11.1	20.0
11 27	1 23.04	+19 51.8	1.615	2.458	14.8	20.2

59983 1999 SN_{10} 10 23.4 339°.09 3°.3/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.56	+ 3 4.3	1.879	2.733	13.4	17.8
9 28	2 12.56	+ 2 46.9	1.806	2.729	10.1	17.6
10 8	2 5.48	+ 2 27.9	1.756	2.724	6.5	17.4
10 18	1 56.98	+ 2 11.2	1.733	2.720	3.5	17.2
10 28	1 47.98	+ 2 1.4	1.738	2.717	4.5	17.3
11 7	1 39.53	+ 2 2.3	1.770	2.713	8.0	17.5
11 17	1 32.52	+ 2 16.3	1.828	2.710	11.5	17.7
11 27	1 27.62	+ 2 44.3	1.909	2.708	14.7	17.9

272159 2005 NC_{91} 10 23.4 125°.44 2°.9/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.21	+ 7 3.4	1.603	2.459	15.3	21.1
9 28	2 13.98	+ 6 14.3	1.542	2.466	11.4	20.9
10 8	2 6.42	+ 5 17.9	1.503	2.473	7.1	20.7
10 18	1 57.30	+ 4 20.0	1.490	2.480	3.3	20.5
10 28	1 47.75	+ 3 27.6	1.504	2.487	4.4	20.6
11 7	1 38.96	+ 2 47.2	1.546	2.493	8.5	20.8
11 17	1 31.91	+ 2 23.4	1.613	2.499	12.5	21.1
11 27	1 27.30	+ 2 18.3	1.701	2.505	16.0	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
57937 2002 JJ_{30}		10 23.4 46°.30 0°.7/22.7 18				
	h m	° ′			°	m
9 18	2 15.14	+11 42.4	1.858	2.704	13.9	18.7
9 28	2 10.57	+11 10.7	1.806	2.724	10.4	18.5
10 8	2 4.10	+10 29.8	1.776	2.745	6.4	18.3
10 18	1 56.43	+ 9 43.6	1.773	2.765	2.2	18.1
10 28	1 48.51	+ 8 57.1	1.797	2.786	2.4	18.2
11 7	1 41.28	+ 8 16.0	1.850	2.808	6.4	18.5
11 17	1 35.52	+ 7 44.7	1.929	2.829	10.0	18.7
11 27	1 31.79	+ 7 26.3	2.032	2.851	13.1	19.0
439152 2011 US_{211}		10 23.4 138°.96 2°.6/25.6 18				
9 18	2 19.95	+20 13.9	2.140	2.942	13.8	21.3
9 28	2 14.22	+20 24.8	2.063	2.950	10.9	21.1
10 8	2 6.45	+20 22.3	2.009	2.957	7.5	20.9
10 18	1 57.31	+20 6.5	1.982	2.963	4.1	20.7
10 28	1 47.71	+19 39.7	1.983	2.970	2.8	20.6
11 7	1 38.65	+19 6.1	2.014	2.976	5.6	20.8
11 17	1 31.02	+18 30.7	2.073	2.982	9.0	21.1
11 27	1 25.47	+17 59.2	2.157	2.987	12.1	21.3
92178 1999 XQ_{196}		10 23.4 323°.91 3°.3/26.1 17				
9 18	2 16.60	+21 25.9	2.035	2.842	14.3	19.6
9 28	2 11.98	+21 45.3	1.947	2.834	11.4	19.4
10 8	2 5.22	+21 50.5	1.881	2.826	8.1	19.2
10 18	1 56.92	+21 41.0	1.840	2.818	4.7	19.0
10 28	1 48.01	+21 18.5	1.827	2.811	3.4	18.9
11 7	1 39.51	+20 46.8	1.842	2.804	6.0	19.0
11 17	1 32.39	+20 11.4	1.884	2.797	9.4	19.2
11 27	1 27.40	+19 38.3	1.950	2.791	12.7	19.4
56770 2000 OA_{30}		10 23.4 108°.73 1°.2/22.3 18				
9 18	2 17.36	+12 5.4	1.706	2.552	14.9	19.3
9 28	2 12.46	+11 7.7	1.644	2.563	11.2	19.1
10 8	2 5.39	+ 9 58.0	1.605	2.574	6.9	18.9
10 18	1 56.92	+ 8 41.4	1.592	2.585	2.4	18.6
10 28	1 48.09	+ 7 25.3	1.608	2.596	3.0	18.7
11 7	1 39.99	+ 6 17.1	1.651	2.606	7.3	19.0
11 17	1 33.53	+ 5 23.2	1.721	2.616	11.4	19.3
11 27	1 29.33	+ 4 47.2	1.814	2.626	14.7	19.5
282304 2002 SL_{46}		10 23.4 18°.61 0°.6/22.9 18				
9 18	2 13.40	+12 44.1	1.248	2.117	17.8	19.5
9 28	2 10.16	+12 15.5	1.196	2.126	13.4	19.3
10 8	2 4.25	+11 32.8	1.164	2.137	8.3	19.1
10 18	1 56.56	+10 40.7	1.155	2.149	2.9	18.8
10 28	1 48.41	+ 9 46.8	1.171	2.162	2.9	18.8
11 7	1 41.15	+ 8 59.4	1.212	2.176	8.1	19.2
11 17	1 35.89	+ 8 25.2	1.276	2.191	12.9	19.5
11 27	1 33.33	+ 8 8.4	1.361	2.208	16.8	19.8
383575 2007 ED_{198}		10 23.4 292°.65 1°.5/24.4 18				
9 18	2 18.08	+16 30.2	1.525	2.365	16.7	21.3
9 28	2 13.82	+16 25.8	1.432	2.344	13.0	21.0
10 8	2 6.77	+16 5.7	1.360	2.323	8.6	20.7
10 18	1 57.58	+15 30.8	1.311	2.301	3.7	20.3
10 28	1 47.40	+14 45.0	1.289	2.280	2.5	20.2
11 7	1 37.64	+13 55.0	1.294	2.259	7.5	20.5
11 17	1 29.63	+13 8.6	1.323	2.238	12.5	20.7
11 27	1 24.37	+12 33.5	1.374	2.217	16.9	20.9
427456 2001 SQ_{202}		10 23.4 121°.42 1°.0/24.1 16				
9 18	2 22.09	+15 56.5	1.881	2.702	14.8	21.8
9 28	2 15.85	+15 43.8	1.818	2.720	11.3	21.6
10 8	2 7.45	+15 18.5	1.777	2.737	7.2	21.4
10 18	1 57.65	+14 42.7	1.763	2.753	2.9	21.1
10 28	1 47.50	+14 0.6	1.779	2.769	2.0	21.1
11 7	1 38.10	+13 17.7	1.823	2.784	6.1	21.4
11 17	1 30.36	+12 39.5	1.895	2.799	10.0	21.7
11 27	1 24.91	+12 10.8	1.991	2.812	13.3	21.9
225481 2000 GV_{120}		10 23.4 4°.02 1°.8/22.1 18				
9 18	2 14.29	+11 24.4	1.252	2.123	17.7	19.7
9 28	2 10.96	+10 31.9	1.190	2.122	13.3	19.5
10 8	2 4.86	+ 9 24.5	1.148	2.122	8.2	19.2
10 18	1 56.83	+ 8 8.5	1.130	2.123	3.0	18.9
10 28	1 48.20	+ 6 53.2	1.136	2.124	3.8	19.0
11 7	1 40.38	+ 5 48.5	1.167	2.126	9.1	19.3
11 17	1 34.57	+ 5 2.0	1.222	2.129	14.0	19.6
11 27	1 31.56	+ 4 38.2	1.297	2.133	18.1	19.8
411102 2009 WB_{40}		10 23.4 303°.26 3°.6/27.2 17				
9 18	2 13.72	+25 23.8	2.329	3.116	13.3	21.2
9 28	2 9.55	+25 13.8	2.238	3.109	10.8	21.0
10 8	2 3.56	+24 46.9	2.169	3.103	7.8	20.8
10 18	1 56.32	+24 3.3	2.126	3.098	5.0	20.6
10 28	1 48.62	+23 5.5	2.111	3.092	3.6	20.5
11 7	1 41.34	+21 58.4	2.125	3.086	5.4	20.6
11 17	1 35.27	+20 48.1	2.166	3.080	8.4	20.8
11 27	1 31.04	+19 41.0	2.234	3.075	11.3	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
15520 1999 XK_{98}		10 23.4 162°.77 4°.4/27.9 18 R				
	h m	° ′			°	m
9 18	2 17.91	+27 45.6	2.200	2.972	14.5	17.6
9 28	2 12.74	+27 36.8	2.117	2.976	11.8	17.4
10 8	2 5.57	+27 8.5	2.055	2.980	8.8	17.2
10 18	1 57.02	+26 20.6	2.019	2.983	5.9	17.1
10 28	1 48.04	+25 15.6	2.010	2.986	4.4	17.0
11 7	1 39.62	+23 59.0	2.031	2.989	5.9	17.1
11 17	1 32.63	+22 37.9	2.079	2.991	8.8	17.3
11 27	1 27.71	+21 19.8	2.154	2.992	11.8	17.5
6110 Kazak		10 23.4 99°.07 2°.7/25.4 18				
9 18	2 24.31	+20 44.2	1.456	2.275	18.4	17.6
9 28	2 18.00	+20 28.7	1.403	2.300	14.3	17.5
10 8	2 8.97	+19 52.6	1.370	2.323	9.6	17.2
10 18	1 58.21	+18 57.9	1.361	2.346	4.8	17.0
10 28	1 47.11	+17 50.1	1.380	2.369	3.0	17.0
11 7	1 37.12	+16 38.1	1.426	2.390	7.1	17.3
11 17	1 29.33	+15 30.7	1.498	2.411	11.4	17.6
11 27	1 24.42	+14 35.5	1.594	2.432	15.2	17.9
42771 1998 TB_{32}		10 23.4 8°.20 2°.0/25.4 18				
9 18	2 11.72	+21 29.8	1.874	2.695	14.8	18.2
9 28	2 8.28	+20 44.3	1.798	2.697	11.6	18.0
10 8	2 2.84	+19 39.5	1.744	2.698	7.8	17.8
10 18	1 56.07	+18 18.2	1.715	2.700	3.9	17.6
10 28	1 48.88	+16 46.0	1.713	2.703	2.3	17.5
11 7	1 42.26	+15 10.8	1.741	2.707	5.8	17.7
11 17	1 37.07	+13 40.9	1.795	2.710	9.7	18.0
11 27	1 33.91	+12 23.5	1.874	2.715	13.1	18.2
285403 1999 TT_{319}		10 23.4 316°.69 0°.1/23.3 18				
9 18	2 14.50	+13 34.7	1.483	2.339	16.3	21.5
9 28	2 11.06	+13 10.9	1.395	2.317	12.5	21.2
10 8	2 5.00	+12 32.4	1.327	2.297	8.0	20.9
10 18	1 56.96	+11 42.0	1.284	2.277	2.8	20.5
10 28	1 48.04	+10 45.6	1.266	2.257	2.6	20.5
11 7	1 39.59	+ 9 51.0	1.275	2.238	7.9	20.7
11 17	1 32.83	+ 9 6.0	1.307	2.219	12.9	21.0
11 27	1 28.70	+ 8 36.9	1.361	2.202	17.2	21.2
76890 2000 YT_{98}		10 23.4 149°.31 0°.7/22.9 18				
9 18	2 19.94	+12 23.6	1.551	2.397	16.2	19.9
9 28	2 14.75	+11 51.5	1.483	2.401	12.2	19.7
10 8	2 7.03	+11 6.8	1.437	2.405	7.6	19.4
10 18	1 57.59	+10 13.5	1.416	2.409	2.6	19.1
10 28	1 47.61	+ 9 17.9	1.422	2.412	2.7	19.2
11 7	1 38.38	+ 8 27.4	1.456	2.415	7.7	19.5
11 17	1 30.99	+ 7 48.2	1.515	2.417	12.1	19.7
11 27	1 26.18	+ 7 25.1	1.596	2.420	15.9	20.0
210886 2001 SO_{87}		10 23.4 57°.93 0°.0/23.4 18				
9 18	2 15.30	+14 14.0	1.907	2.745	13.9	20.3
9 28	2 10.87	+13 39.3	1.833	2.747	10.5	20.1
10 8	2 4.43	+12 52.4	1.783	2.749	6.6	19.9
10 18	1 56.64	+11 56.6	1.758	2.750	2.4	19.6
10 28	1 48.41	+10 57.1	1.762	2.752	2.0	19.6
11 7	1 40.75	+10 0.1	1.794	2.754	6.3	19.9
11 17	1 34.50	+ 9 11.5	1.853	2.756	10.2	20.1
11 27	1 30.32	+ 8 35.9	1.936	2.758	13.5	20.3
167385 2003 WX_{78}		10 23.4 342°.99 0°.8/23.8 18				
9 18	2 14.63	+13 27.9	1.257	2.123	18.0	19.8
9 28	2 11.51	+13 40.0	1.181	2.108	13.9	19.5
10 8	2 5.45	+13 39.3	1.125	2.095	9.0	19.2
10 18	1 57.15	+13 27.4	1.091	2.083	3.5	18.8
10 28	1 47.92	+13 8.3	1.081	2.073	2.6	18.7
11 7	1 39.29	+12 48.2	1.096	2.063	8.2	19.0
11 17	1 32.66	+12 33.8	1.134	2.056	13.4	19.3
11 27	1 29.03	+12 30.9	1.192	2.050	17.9	19.6
374814 2006 UP_{81}		10 23.4 331°.97 1°.0/22.7 18				
9 18	2 14.94	+12 47.6	1.260	2.126	17.9	20.7
9 28	2 11.59	+12 4.4	1.189	2.118	13.6	20.4
10 8	2 5.37	+11 4.5	1.138	2.110	8.5	20.1
10 18	1 57.08	+ 9 52.9	1.110	2.103	2.9	19.7
10 28	1 48.02	+ 8 38.1	1.107	2.097	3.3	19.8
11 7	1 39.68	+ 7 30.3	1.129	2.091	8.9	20.1
11 17	1 33.36	+ 6 38.3	1.174	2.085	14.1	20.3
11 27	1 29.93	+ 6 7.8	1.239	2.081	18.5	20.6
213343 2001 SS_{274}		10 23.4 63°.56 0°.3/23.6 18				
9 18	2 16.87	+14 0.6	1.896	2.732	14.1	21.2
9 28	2 12.04	+13 44.9	1.825	2.737	10.7	21.0
10 8	2 5.16	+13 18.3	1.777	2.742	6.8	20.7
10 18	1 56.90	+12 43.1	1.756	2.747	2.5	20.5
10 28	1 48.20	+12 3.6	1.762	2.753	1.9	20.5
11 7	1 40.10	+11 25.3	1.797	2.758	6.2	20.8
11 17	1 33.46	+10 53.1	1.858	2.764	10.1	21.0
11 27	1 28.94	+10 31.3	1.944	2.769	13.4	21.2

477521 2010 DQ_{77} 10 23.4 115°.84 4°.5/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 22.08	− 0 20.4	1.873	2.721	13.7	20.9
9 28	2 15.75	− 0 47.8	1.816	2.733	10.4	20.7
10 8	2 7.36	− 1 14.0	1.783	2.745	7.0	20.6
10 18	1 57.65	− 1 34.1	1.776	2.756	4.6	20.4
10 28	1 47.62	− 1 43.3	1.798	2.767	5.6	20.5
11 7	1 38.32	− 1 38.3	1.848	2.778	8.7	20.7
11 17	1 30.62	− 1 18.0	1.925	2.789	11.9	21.0
11 27	1 25.14	− 0 42.4	2.023	2.799	14.7	21.2

439641 2014 GQ_{20} 10 23.4 69°.83 0°.7/22.8 18

9 18	2 14.62	+14 33.0	1.751	2.594	14.7	21.0
9 28	2 10.41	+13 24.1	1.687	2.604	11.1	20.8
10 8	2 4.14	+12 0.6	1.646	2.614	6.9	20.6
10 18	1 56.53	+10 27.8	1.631	2.623	2.3	20.3
10 28	1 48.57	+ 8 53.3	1.644	2.633	2.5	20.4
11 7	1 41.30	+ 7 25.7	1.686	2.643	6.9	20.7
11 17	1 35.56	+ 6 12.0	1.754	2.653	10.9	20.9
11 27	1 31.97	+ 5 17.0	1.846	2.663	14.3	21.2

120874 1998 RM_{27} 10 23.4 356°.58 4°.6/27.4 17

9 18	2 16.13	+25 23.7	1.996	2.789	15.0	19.5
9 28	2 11.68	+25 43.4	1.914	2.787	12.2	19.3
10 8	2 5.07	+25 45.6	1.853	2.786	9.1	19.1
10 18	1 56.92	+25 29.4	1.817	2.785	6.0	18.9
10 28	1 48.19	+24 56.2	1.807	2.785	4.6	18.8
11 7	1 39.97	+24 10.6	1.825	2.785	6.3	18.9
11 17	1 33.20	+23 18.8	1.870	2.785	9.4	19.1
11 27	1 28.62	+22 27.8	1.939	2.785	12.5	19.3

33639 1999 JB_{81} 10 23.4 95°.49 6°.7/16.7 18 R

9 18	2 14.56	− 5 43.3	2.030	2.889	12.4	17.6
9 28	2 10.08	− 7 4.4	1.976	2.892	9.8	17.4
10 8	2 3.83	− 8 21.6	1.946	2.895	7.5	17.3
10 18	1 56.41	− 9 27.7	1.942	2.898	6.8	17.3
10 28	1 48.67	−10 16.3	1.965	2.901	8.0	17.3
11 7	1 41.49	−10 43.0	2.014	2.904	10.3	17.5
11 17	1 35.60	−10 46.6	2.087	2.907	12.9	17.7
11 27	1 31.59	−10 27.9	2.181	2.910	15.2	17.9

291921 2006 QL_{23} 10 23.4 18°.87 3°.4/20.9 17

9 18	2 14.09	+ 9 4.4	1.124	2.005	18.5	19.7
9 28	2 10.95	+ 7 48.5	1.071	2.009	13.8	19.5
10 8	2 4.90	+ 6 19.0	1.038	2.014	8.5	19.2
10 18	1 56.88	+ 4 45.0	1.028	2.019	3.9	18.9
10 28	1 48.31	+ 3 18.3	1.042	2.026	5.4	19.1
11 7	1 40.70	+ 2 9.9	1.080	2.033	10.5	19.4
11 17	1 35.24	+ 1 26.8	1.140	2.041	15.3	19.7
11 27	1 32.70	+ 1 11.7	1.219	2.049	19.4	20.0

13386 1998 XG_{80} 10 23.4 26°.12 8°.3/15.8 18

9 18	2 14.17	−10 27.8	1.905	2.763	13.1	16.8
9 28	2 9.85	−11 43.0	1.861	2.769	10.7	16.6
10 8	2 3.69	−12 49.2	1.840	2.777	8.9	16.5
10 18	1 56.36	−13 39.2	1.844	2.784	8.4	16.5
10 28	1 48.75	−14 6.9	1.874	2.792	9.5	16.6
11 7	1 41.77	−14 9.3	1.928	2.801	11.6	16.8
11 17	1 36.19	−13 46.6	2.005	2.809	13.9	16.9
11 27	1 32.55	−13 1.1	2.101	2.819	16.0	17.1

493927 2015 XS_{364} 10 23.4 265°.30 1°.2/24.6 17

9 18	2 15.44	+16 40.4	2.438	3.255	11.9	21.7
9 28	2 10.71	+16 35.3	2.347	3.245	9.2	21.5
10 8	2 4.26	+16 20.0	2.279	3.236	6.1	21.3
10 18	1 56.61	+15 55.5	2.238	3.226	2.7	21.1
10 28	1 48.48	+15 24.5	2.226	3.216	1.8	21.0
11 7	1 40.70	+14 50.8	2.244	3.206	5.0	21.2
11 17	1 34.02	+14 18.7	2.290	3.196	8.4	21.4
11 27	1 29.05	+13 52.5	2.361	3.186	11.3	21.6

368200 2001 FB_{139} 10 23.4 156°.53 6°.2/29.9 17

9 18	2 23.15	+33 59.4	2.896	3.603	12.7	21.3
9 28	2 16.50	+34 52.2	2.808	3.608	10.9	21.2
10 8	2 7.91	+35 29.2	2.742	3.614	8.9	21.1
10 18	1 57.92	+35 47.8	2.702	3.619	7.1	21.0
10 28	1 47.36	+35 47.2	2.689	3.623	6.2	20.9
11 7	1 37.15	+35 29.0	2.705	3.628	6.6	21.0
11 17	1 28.15	+34 57.2	2.750	3.632	8.1	21.1
11 27	1 21.04	+34 17.5	2.821	3.635	10.0	21.2

468960 2015 AZ_{41} 10 23.4 124°.45 2°.3/21.7 17

9 18	2 20.90	+ 8 40.7	1.540	2.392	15.9	21.5
9 28	2 15.35	+ 7 54.7	1.481	2.403	11.9	21.3
10 8	2 7.33	+ 6 59.8	1.443	2.413	7.4	21.0
10 18	1 57.70	+ 6 1.4	1.432	2.423	3.0	20.8
10 28	1 47.65	+ 5 6.7	1.448	2.433	3.9	20.9
11 7	1 38.43	+ 4 22.6	1.491	2.442	8.4	21.2
11 17	1 31.08	+ 3 54.2	1.560	2.451	12.6	21.5
11 27	1 26.30	+ 3 44.3	1.650	2.459	16.1	21.7

448667 2010 VP_{179} 10 23.4 346°.14 2°.4/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 13.31	+21 45.8	1.923	2.739	14.7	21.2
9 28	2 9.51	+21 17.0	1.841	2.735	11.6	21.0
10 8	2 3.67	+20 29.9	1.781	2.733	7.9	20.8
10 18	1 56.42	+19 26.1	1.746	2.730	4.2	20.6
10 28	1 48.69	+18 10.1	1.739	2.728	2.6	20.5
11 7	1 41.49	+16 48.9	1.760	2.726	5.8	20.7
11 17	1 35.70	+15 30.1	1.808	2.724	9.6	20.9
11 27	1 32.00	+14 20.8	1.881	2.723	13.1	21.1

37271 2000 XR_{34} 10 23.4 25°.17 4°.1/21.7 18

9 18	2 24.19	+ 1 6.9	1.261	2.128	17.9	17.2
9 28	2 18.23	+ 1 23.5	1.210	2.138	13.5	16.9
10 8	2 9.31	+ 1 42.3	1.179	2.148	8.7	16.7
10 18	1 58.43	+ 2 7.1	1.172	2.160	4.6	16.5
10 28	1 47.06	+ 2 41.6	1.190	2.172	5.4	16.6
11 7	1 36.76	+ 3 27.7	1.235	2.186	9.7	16.9
11 17	1 28.76	+ 4 25.4	1.304	2.200	14.1	17.2
11 27	1 23.82	+ 5 34.2	1.393	2.215	17.9	17.5

108639 2001 NW_{7} 10 23.4 56°.28 2°.1/21.7 18

9 18	2 16.45	+ 7 55.0	1.797	2.649	14.0	20.0
9 28	2 11.76	+ 7 17.7	1.732	2.655	10.4	19.8
10 8	2 5.01	+ 6 33.5	1.690	2.660	6.5	19.6
10 18	1 56.87	+ 5 46.9	1.674	2.665	2.7	19.3
10 28	1 48.34	+ 5 3.6	1.686	2.671	3.6	19.4
11 7	1 40.43	+ 4 29.2	1.726	2.677	7.5	19.7
11 17	1 34.02	+ 4 7.9	1.792	2.682	11.2	19.9
11 27	1 29.75	+ 4 2.1	1.880	2.688	14.5	20.1

281803 2009 WG_{45} 10 23.4 278°.54 3°.2/21.2 18

9 18	2 19.07	+ 5 36.6	1.621	2.478	15.0	21.4
9 28	2 14.26	+ 5 1.0	1.535	2.459	11.4	21.1
10 8	2 6.91	+ 4 18.8	1.470	2.440	7.3	20.8
10 18	1 57.67	+ 3 35.3	1.431	2.421	3.6	20.5
10 28	1 47.62	+ 2 56.8	1.420	2.401	4.8	20.6
11 7	1 38.03	+ 2 29.9	1.435	2.381	9.1	20.8
11 17	1 30.06	+ 2 19.3	1.474	2.362	13.4	21.0
11 27	1 24.61	+ 2 27.6	1.536	2.342	17.3	21.2

443373 2014 HD_{2} 10 23.4 95°.54 1°.7/22.0 18

9 18	2 17.82	+ 8 9.4	1.910	2.757	13.5	21.1
9 28	2 12.70	+ 7 45.2	1.842	2.762	10.1	20.9
10 8	2 5.56	+ 7 14.8	1.798	2.767	6.3	20.7
10 18	1 57.08	+ 6 41.7	1.780	2.771	2.5	20.4
10 28	1 48.19	+ 6 10.6	1.790	2.776	3.1	20.5
11 7	1 39.89	+ 5 46.5	1.828	2.781	7.0	20.7
11 17	1 33.03	+ 5 32.9	1.894	2.785	10.7	21.0
11 27	1 28.27	+ 5 32.5	1.982	2.790	13.8	21.2

189607 2000 XR_{36} 10 23.4 42°.21 7°.7/28.1 18

9 18	2 24.85	+27 11.1	1.397	2.194	20.1	18.1
9 28	2 19.09	+28 29.8	1.340	2.210	16.6	17.9
10 8	2 10.10	+29 26.0	1.301	2.226	12.8	17.8
10 18	1 58.80	+29 54.7	1.285	2.243	9.3	17.6
10 28	1 46.74	+29 54.8	1.293	2.260	7.7	17.6
11 7	1 35.65	+29 30.9	1.326	2.278	9.2	17.7
11 17	1 26.95	+28 51.9	1.384	2.296	12.3	17.9
11 27	1 21.58	+28 8.1	1.464	2.315	15.6	18.2

273807 2007 FE_{28} 10 23.4 119°.30 0°.3/23.2 16

9 18	2 19.32	+13 36.7	1.830	2.664	14.6	22.3
9 28	2 13.85	+13 0.6	1.767	2.678	11.0	22.1
10 8	2 6.27	+12 12.7	1.727	2.692	6.8	21.8
10 18	1 57.32	+11 16.7	1.713	2.705	2.4	21.6
10 28	1 48.03	+10 18.2	1.728	2.718	2.2	21.6
11 7	1 39.45	+ 9 23.4	1.772	2.730	6.5	21.9
11 17	1 32.46	+ 8 38.2	1.842	2.742	10.5	22.2
11 27	1 27.70	+ 8 6.6	1.937	2.753	13.8	22.4

117919 4537 $P–L$ 10 23.4 341°.68 3°.6/25.1 18

9 18	2 19.21	+17 30.8	1.100	1.957	20.6	19.4
9 28	2 15.51	+18 14.9	1.029	1.948	16.2	19.1
10 8	2 8.26	+18 42.7	0.977	1.940	11.1	18.8
10 18	1 58.28	+18 52.1	0.945	1.932	5.8	18.5
10 28	1 47.11	+18 44.6	0.937	1.926	4.0	18.4
11 7	1 36.71	+18 26.0	0.952	1.921	8.9	18.6
11 17	1 28.76	+18 4.6	0.989	1.917	14.3	18.9
11 27	1 24.42	+17 49.2	1.046	1.913	19.1	19.2

150695 2001 OJ_{98} 10 23.4 61°.78 0°.3/23.3 18

9 18	2 21.13	+12 25.0	1.369	2.221	17.6	19.8
9 28	2 15.74	+12 12.3	1.318	2.238	13.2	19.6
10 8	2 7.66	+11 47.6	1.287	2.256	8.3	19.4
10 18	1 57.84	+11 14.4	1.281	2.274	2.9	19.1
10 28	1 47.62	+10 38.3	1.302	2.292	2.6	19.2
11 7	1 38.41	+10 6.0	1.348	2.310	7.7	19.5
11 17	1 31.30	+ 9 43.3	1.420	2.329	12.3	19.8
11 27	1 26.98	+ 9 34.4	1.513	2.347	16.1	20.1

439561 2014 DE_{61} 10 23.4 129°.14 0°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.05	+11 37.7	2.065	2.898	13.2	21.8
9 28	2 13.47	+11 18.0	1.997	2.908	9.9	21.6
10 8	2 5.97	+10 49.8	1.953	2.919	6.2	21.4
10 18	1 57.22	+10 15.9	1.936	2.928	2.1	21.1
10 28	1 48.12	+ 9 40.6	1.948	2.938	2.1	21.1
11 7	1 39.60	+ 9 8.4	1.990	2.947	6.1	21.4
11 17	1 32.49	+ 8 43.5	2.059	2.955	9.7	21.7
11 27	1 27.38	+ 8 29.4	2.152	2.963	12.8	21.9

479848 2014 GV_{18} 10 23.4 245°.90 5°.8/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.69	− 1 11.0	1.925	2.784	12.9	21.1
9 28	2 11.18	− 2 36.1	1.852	2.774	9.9	20.9
10 8	2 4.68	− 4 2.8	1.803	2.763	7.1	20.7
10 18	1 56.81	− 5 23.5	1.781	2.752	5.8	20.6
10 28	1 48.44	− 6 30.5	1.787	2.741	7.2	20.7
11 7	1 40.57	− 7 17.4	1.820	2.729	10.1	20.8
11 17	1 34.03	− 7 41.2	1.877	2.717	13.2	21.0
11 27	1 29.51	− 7 41.0	1.955	2.705	16.0	21.2

124794 2001 SC_{266} 10 23.4 276°.59 0°.1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.69	+15 32.2	1.611	2.455	15.8	19.4
9 28	2 11.65	+14 40.9	1.530	2.446	12.1	19.2
10 8	2 5.20	+13 32.2	1.471	2.438	7.6	18.9
10 18	1 57.04	+12 10.1	1.437	2.430	2.7	18.6
10 28	1 48.25	+10 41.8	1.431	2.421	2.4	18.6
11 7	1 40.05	+ 9 16.3	1.451	2.413	7.4	18.9
11 17	1 33.50	+ 8 2.3	1.498	2.404	12.0	19.1
11 27	1 29.38	+ 7 6.4	1.567	2.396	15.9	19.3

287061 2002 RL_{4} 10 23.4 31°.99 4°.8/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.98	+27 16.5	1.404	2.217	19.2	19.9
9 28	2 10.58	+26 50.3	1.346	2.232	15.5	19.7
10 8	2 4.54	+25 55.9	1.306	2.247	11.3	19.5
10 18	1 56.76	+24 34.5	1.289	2.263	7.0	19.3
10 28	1 48.57	+22 52.4	1.297	2.281	4.8	19.3
11 7	1 41.31	+21 0.4	1.332	2.298	7.1	19.5
11 17	1 36.04	+19 10.4	1.391	2.317	11.1	19.7
11 27	1 33.44	+17 33.0	1.474	2.336	14.9	20.0

161040 2002 GQ_{155} 10 23.4 87°.43 4°.1/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.38	+ 1 15.8	2.193	3.048	11.7	19.8
9 28	2 9.79	+ 0 13.3	2.138	3.060	8.8	19.7
10 8	2 3.59	− 0 50.2	2.107	3.072	5.9	19.5
10 18	1 56.37	− 1 49.3	2.104	3.083	4.2	19.4
10 28	1 48.88	− 2 38.6	2.129	3.095	5.3	19.5
11 7	1 41.94	− 3 13.5	2.183	3.106	7.9	19.7
11 17	1 36.21	− 3 31.6	2.262	3.117	10.7	19.9
11 27	1 32.20	− 3 32.3	2.364	3.129	13.2	20.1

514808 2007 TK_{145} 10 23.4 359°.25 1°.8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.27	+13 42.7	1.502	2.341	16.9	20.4
9 28	2 17.61	+14 31.3	1.428	2.339	13.1	20.2
10 8	2 9.09	+15 11.3	1.376	2.338	8.6	19.9
10 18	1 58.48	+15 41.6	1.348	2.338	3.8	19.6
10 28	1 47.05	+16 3.2	1.348	2.338	2.7	19.6
11 7	1 36.27	+16 18.9	1.374	2.338	7.3	19.9
11 17	1 27.45	+16 32.8	1.426	2.340	11.9	20.1
11 27	1 21.51	+16 49.7	1.501	2.342	15.8	20.4

481404 2006 SO_{241} 10 23.4 325°.99 3°.3/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 11.89	+ 7 37.6	1.519	2.390	15.2	21.4
9 28	2 8.91	+ 6 31.0	1.439	2.371	11.4	21.2
10 8	2 3.57	+ 5 13.1	1.380	2.353	7.2	20.9
10 18	1 56.49	+ 3 50.6	1.346	2.336	3.6	20.6
10 28	1 48.73	+ 2 32.4	1.338	2.319	5.0	20.7
11 7	1 41.46	+ 1 27.4	1.356	2.304	9.4	20.9
11 17	1 35.76	+ 0 42.6	1.398	2.289	13.8	21.1
11 27	1 32.45	+ 0 21.5	1.460	2.275	17.6	21.3

161739 2006 SL_{126} 10 23.4 79°.17 1°.6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.30	+ 9 30.8	1.377	2.233	17.3	19.9
9 28	2 16.60	+ 9 8.8	1.326	2.249	13.0	19.6
10 8	2 8.20	+ 8 37.5	1.295	2.265	8.0	19.4
10 18	1 58.06	+ 8 1.5	1.288	2.281	2.9	19.1
10 28	1 47.51	+ 7 26.9	1.308	2.297	3.4	19.2
11 7	1 37.96	+ 7 0.2	1.355	2.312	8.3	19.6
11 17	1 30.52	+ 6 46.2	1.427	2.328	12.8	19.9
11 27	1 25.89	+ 6 47.7	1.520	2.344	16.5	20.1

398550 2011 UP_{364} 10 23.4 8°.80 1°.8/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.33	+ 8 10.3	1.516	2.376	15.7	20.3
9 28	2 12.85	+ 7 57.5	1.451	2.378	11.8	20.1
10 8	2 5.91	+ 7 37.6	1.408	2.379	7.4	19.9
10 18	1 57.28	+ 7 14.6	1.389	2.382	2.8	19.6
10 28	1 48.11	+ 6 53.7	1.397	2.385	3.4	19.6
11 7	1 39.63	+ 6 40.0	1.431	2.388	8.0	19.9
11 17	1 32.92	+ 6 37.8	1.490	2.393	12.3	20.2
11 27	1 28.72	+ 6 49.5	1.571	2.398	16.0	20.4

149133 2002 ET_{61} 10 23.4 202°.48 0°.3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.28	+14 39.7	2.596	3.416	11.2	21.5
9 28	2 10.43	+14 15.2	2.509	3.412	8.5	21.3
10 8	2 4.02	+13 41.4	2.447	3.409	5.4	21.1
10 18	1 56.55	+13 0.3	2.413	3.404	2.0	20.9
10 28	1 48.71	+12 15.3	2.409	3.400	1.5	20.9
11 7	1 41.25	+11 30.6	2.435	3.395	4.9	21.1
11 17	1 34.82	+10 50.4	2.490	3.389	8.1	21.3
11 27	1 29.98	+10 18.4	2.570	3.384	10.9	21.5

39996 1998 HB_{53} 10 23.4 148°.81 1°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.57	+18 8.4	2.033	2.847	14.1	20.1
9 28	2 14.02	+17 59.7	1.958	2.854	10.9	19.9
10 8	2 6.42	+17 37.5	1.906	2.861	7.2	19.7
10 18	1 57.43	+17 3.3	1.880	2.867	3.4	19.5
10 28	1 48.00	+16 20.4	1.883	2.873	2.1	19.4
11 7	1 39.14	+15 34.0	1.915	2.878	5.7	19.7
11 17	1 31.76	+14 49.9	1.975	2.883	9.4	19.9
11 27	1 26.49	+14 13.2	2.060	2.887	12.7	20.1

511478 2014 MD_{7} 10 23.4 188°.04 4°.1/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.79	− 0 16.4	2.194	3.039	12.1	21.8
9 28	2 13.95	− 0 47.0	2.123	3.039	9.2	21.7
10 8	2 6.27	− 1 17.1	2.077	3.038	6.2	21.5
10 18	1 57.36	− 1 42.2	2.057	3.037	4.2	21.4
10 28	1 48.07	− 1 57.8	2.068	3.035	5.2	21.4
11 7	1 39.29	− 2 0.7	2.106	3.033	8.0	21.6
11 17	1 31.81	− 1 49.0	2.172	3.031	11.0	21.8
11 27	1 26.22	− 1 22.4	2.261	3.028	13.6	22.0

488338 2016 VN_{15} 10 23.4 303°.85 9°.8/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.94	+35 19.0	1.724	2.467	18.9	20.6
9 28	2 17.03	+36 32.1	1.637	2.458	16.5	20.4
10 8	2 9.01	+37 21.7	1.567	2.449	13.8	20.2
10 18	1 58.56	+37 41.8	1.518	2.440	11.3	20.0
10 28	1 46.97	+37 28.9	1.493	2.431	9.9	19.9
11 7	1 35.85	+36 45.7	1.493	2.422	10.4	20.0
11 17	1 26.72	+35 39.4	1.517	2.414	12.5	20.1
11 27	1 20.69	+34 21.3	1.563	2.406	15.2	20.2

471973 2013 TJ_{99} 10 23.4 136°.47 3°.8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.54	+23 30.8	1.646	2.452	17.2	21.0
9 28	2 15.30	+23 27.6	1.573	2.459	13.7	20.8
10 8	2 7.48	+23 3.5	1.521	2.465	9.7	20.6
10 18	1 57.87	+22 18.8	1.493	2.471	5.7	20.4
10 28	1 47.68	+21 16.9	1.492	2.477	3.9	20.3
11 7	1 38.25	+20 5.1	1.518	2.482	6.8	20.5
11 17	1 30.69	+18 52.2	1.571	2.487	10.8	20.7
11 27	1 25.77	+17 46.7	1.647	2.491	14.5	21.0

454358 2014 MZ_{12} 10 23.4 48°.30 8°.0/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.55	− 8 17.4	1.833	2.694	13.4	20.4
9 28	2 10.08	− 9 50.4	1.804	2.717	10.7	20.3
10 8	2 3.80	−11 14.8	1.800	2.741	8.6	20.3
10 18	1 56.45	−12 22.7	1.820	2.766	8.0	20.3
10 28	1 48.93	−13 7.9	1.867	2.790	9.2	20.4
11 7	1 42.17	−13 27.3	1.939	2.815	11.4	20.6
11 17	1 36.85	−13 21.1	2.033	2.840	13.6	20.8
11 27	1 33.50	−12 51.5	2.147	2.865	15.7	21.0

272516 2005 UM_{239} 10 23.4 222°.76 3°.2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.17	+ 5 54.2	1.779	2.632	14.1	21.2
9 28	2 13.21	+ 5 3.2	1.704	2.627	10.6	20.9
10 8	2 6.04	+ 4 5.7	1.652	2.621	6.7	20.7
10 18	1 57.34	+ 3 7.1	1.626	2.615	3.4	20.5
10 28	1 48.11	+ 2 14.2	1.629	2.609	4.6	20.5
11 7	1 39.44	+ 1 33.1	1.659	2.602	8.4	20.8
11 17	1 32.28	+ 1 8.5	1.715	2.595	12.3	21.0
11 27	1 27.37	+ 1 2.6	1.793	2.588	15.6	21.2

373165 2012 DO_{4} 10 23.4 130°.19 12°.2/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.97	−18 3.8	1.691	2.528	15.4	21.1
9 28	2 15.16	−20 10.2	1.664	2.542	13.5	21.0
10 8	2 7.10	−21 58.9	1.659	2.556	12.3	21.0
10 18	1 57.65	−23 19.4	1.678	2.568	12.4	21.0
10 28	1 47.95	−24 4.5	1.721	2.580	13.6	21.1
11 7	1 39.14	−24 12.2	1.785	2.592	15.4	21.3
11 17	1 32.14	−23 44.9	1.869	2.603	17.3	21.4
11 27	1 27.54	−22 48.0	1.969	2.613	19.0	21.6

480059 2015 DV_{32} 10 23.4 214°.60 1°.9/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.54	+16 32.2	1.547	2.379	16.9	21.5
9 28	2 17.01	+16 43.9	1.470	2.376	13.1	21.3
10 8	2 8.70	+16 41.7	1.414	2.374	8.7	21.0
10 18	1 58.37	+16 25.8	1.383	2.371	3.9	20.7
10 28	1 47.26	+15 59.3	1.378	2.368	2.6	20.6
11 7	1 36.82	+15 28.0	1.401	2.365	7.2	20.9
11 17	1 28.28	+14 58.4	1.449	2.362	11.8	21.2
11 27	1 22.55	+14 36.9	1.521	2.358	15.8	21.4

294065 2007 TU_{169} 10 23.4 80°.23 2°.3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.10	+ 6 10.0	1.782	2.631	14.3	20.2
9 28	2 14.56	+ 5 55.7	1.715	2.636	10.7	20.0
10 8	2 6.83	+ 5 37.1	1.672	2.640	6.7	19.7
10 18	1 57.62	+ 5 17.8	1.654	2.645	2.9	19.5
10 28	1 47.95	+ 5 2.2	1.665	2.650	3.6	19.6
11 7	1 38.93	+ 4 54.8	1.704	2.654	7.6	19.8
11 17	1 31.50	+ 4 58.4	1.769	2.659	11.4	20.1
11 27	1 26.34	+ 5 14.9	1.857	2.664	14.7	20.3

407055 2009 SR_{138} 10 23.4 8°.29 0°.1/23.5 18

9 18	2 17.55	+12 9.2	2.099	2.933	13.0	20.2
9 28	2 12.47	+12 12.4	2.022	2.933	9.8	20.0
10 8	2 5.46	+12 7.9	1.969	2.934	6.2	19.8
10 18	1 57.13	+11 57.4	1.943	2.934	2.3	19.5
10 28	1 48.34	+11 43.7	1.945	2.936	1.8	19.5
11 7	1 40.03	+11 30.6	1.976	2.937	5.8	19.8
11 17	1 33.03	+11 21.8	2.035	2.938	9.4	20.0
11 27	1 28.00	+11 20.5	2.118	2.940	12.6	20.2

132320 2002 GA_{19} 10 23.4 192°.70 1°.2/24.5 18

9 18	2 19.49	+16 41.3	2.173	2.989	13.2	20.8
9 28	2 13.93	+16 31.2	2.089	2.987	10.2	20.6
10 8	2 6.38	+16 9.2	2.028	2.985	6.7	20.4
10 18	1 57.47	+15 36.8	1.994	2.982	2.9	20.2
10 28	1 48.06	+14 57.2	1.989	2.979	1.9	20.1
11 7	1 39.12	+14 15.2	2.013	2.975	5.6	20.3
11 17	1 31.51	+13 35.9	2.066	2.971	9.2	20.6
11 27	1 25.91	+13 4.0	2.144	2.966	12.4	20.8

407493 2010 VZ_{64} 10 23.4 184°.39 3°.2/26.6 18

9 18	2 16.12	+23 16.8	2.283	3.077	13.4	21.2
9 28	2 11.38	+23 15.5	2.199	3.077	10.7	21.0
10 8	2 4.78	+22 58.8	2.137	3.077	7.6	20.8
10 18	1 56.89	+22 27.2	2.101	3.077	4.6	20.6
10 28	1 48.55	+21 43.0	2.093	3.076	3.2	20.6
11 7	1 40.66	+20 50.7	2.114	3.076	5.4	20.7
11 17	1 34.04	+19 55.9	2.163	3.076	8.5	20.9
11 27	1 29.30	+19 4.5	2.238	3.075	11.4	21.1

91144 1998 MK_{34} 10 23.4 34°.36 5°.7/19.3 18

9 18	2 16.14	− 1 22.0	1.585	2.453	14.7	18.6
9 28	2 11.55	− 2 13.1	1.546	2.473	11.2	18.4
10 8	2 4.85	− 3 1.5	1.529	2.493	7.7	18.3
10 18	1 56.87	− 3 40.7	1.538	2.514	5.8	18.2
10 28	1 48.65	− 4 4.5	1.572	2.536	6.9	18.3
11 7	1 41.28	− 4 9.2	1.632	2.558	9.9	18.5
11 17	1 35.57	− 3 53.8	1.716	2.581	13.1	18.8
11 27	1 32.10	− 3 19.3	1.821	2.604	15.8	19.0

311994 2007 KN_{9} 10 23.4 147°.33 6°.6/ 1.8 18

9 18	2 18.22	+39 34.8	2.976	3.650	13.0	20.7
9 28	2 12.74	+39 46.1	2.889	3.659	11.3	20.6
10 8	2 5.51	+39 38.0	2.823	3.668	9.5	20.5
10 18	1 57.13	+39 8.8	2.779	3.675	7.8	20.4
10 28	1 48.38	+38 18.7	2.762	3.683	6.7	20.3
11 7	1 40.14	+37 10.9	2.773	3.690	6.7	20.4
11 17	1 33.14	+35 50.5	2.812	3.697	7.9	20.4
11 27	1 27.95	+34 24.1	2.878	3.703	9.5	20.6

71888 2000 WN_{5} 10 23.4 213°.35 3°.0/25.5 18

9 18	2 22.30	+20 7.0	1.631	2.448	16.8	19.5
9 28	2 16.80	+20 17.1	1.549	2.444	13.3	19.3
10 8	2 8.57	+20 10.2	1.488	2.439	9.2	19.0
10 18	1 58.34	+19 46.0	1.451	2.434	4.9	18.8
10 28	1 47.33	+19 7.1	1.441	2.429	3.3	18.6
11 7	1 36.92	+18 19.3	1.459	2.423	7.0	18.9
11 17	1 28.35	+17 30.4	1.503	2.417	11.4	19.1
11 27	1 22.52	+16 48.0	1.571	2.410	15.3	19.3

141728 2002 LK_{23} 10 23.4 64°.19 5°.6/20.2 18

9 18	2 22.03	+ 0 45.8	1.286	2.155	17.4	19.4
9 28	2 16.45	+ 0 0.9	1.242	2.171	13.2	19.2
10 8	2 8.12	− 0 43.7	1.220	2.187	8.7	19.0
10 18	1 58.07	− 1 20.6	1.221	2.203	5.7	18.9
10 28	1 47.68	− 1 42.4	1.247	2.220	7.0	19.0
11 7	1 38.37	− 1 44.2	1.299	2.236	10.8	19.3
11 17	1 31.25	− 1 24.7	1.374	2.253	14.8	19.6
11 27	1 26.98	− 0 45.0	1.469	2.269	18.2	19.9

150737 2001 QA_{55} 10 23.4 72°.49 2°.6/21.7 18

9 18	2 20.27	+ 8 7.6	1.433	2.292	16.6	20.2
9 28	2 14.90	+ 7 21.7	1.387	2.313	12.3	20.0
10 8	2 7.06	+ 6 27.8	1.362	2.333	7.6	19.8
10 18	1 57.68	+ 5 31.9	1.362	2.354	3.2	19.5
10 28	1 48.01	+ 4 41.5	1.389	2.374	4.2	19.7
11 7	1 39.31	+ 4 3.2	1.443	2.394	8.5	20.0
11 17	1 32.59	+ 3 41.4	1.521	2.415	12.7	20.3
11 27	1 28.46	+ 3 38.1	1.621	2.435	16.2	20.6

438760 2008 UF_{137} 10 23.4 235°.43 1°.4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.95	+20 12.1	1.905	2.722	14.7	21.7
9 28	2 11.55	+19 19.9	1.817	2.715	11.5	21.5
10 8	2 5.03	+18 8.4	1.752	2.708	7.6	21.2
10 18	1 57.02	+16 40.3	1.712	2.700	3.4	21.0
10 28	1 48.48	+15 1.4	1.701	2.692	2.0	20.8
11 7	1 40.47	+13 20.1	1.720	2.684	6.1	21.1
11 17	1 33.93	+11 45.0	1.766	2.675	10.3	21.3
11 27	1 29.54	+10 23.6	1.837	2.666	13.9	21.5

430125 2013 TL_{31} 10 23.4 1°.96 4°.7/26.6 18

9 18	2 16.23	+23 33.6	1.196	2.033	20.5	20.5
9 28	2 12.93	+23 39.3	1.129	2.032	16.5	20.3
10 8	2 6.44	+23 18.8	1.079	2.031	11.8	20.0
10 18	1 57.63	+22 31.4	1.051	2.031	7.0	19.8
10 28	1 47.99	+21 21.3	1.046	2.032	4.8	19.6
11 7	1 39.21	+19 58.3	1.065	2.034	8.2	19.9
11 17	1 32.73	+18 34.6	1.108	2.036	13.0	20.1
11 27	1 29.48	+17 21.6	1.172	2.039	17.5	20.4

226505 2003 SC_{322} 10 23.4 299°.40 1°.4/24.5 16

9 18	2 19.24	+15 21.8	2.228	3.046	12.9	20.5
9 28	2 14.00	+15 41.1	2.117	3.017	10.0	20.3
10 8	2 6.65	+15 51.9	2.030	2.987	6.6	20.0
10 18	1 57.67	+15 54.4	1.969	2.958	3.0	19.7
10 28	1 47.88	+15 49.9	1.938	2.928	2.0	19.6
11 7	1 38.27	+15 41.3	1.936	2.898	5.7	19.8
11 17	1 29.80	+15 32.6	1.963	2.869	9.6	20.0
11 27	1 23.30	+15 27.9	2.014	2.839	13.0	20.1

55971 1998 OA_{9} 10 23.4 30°.97 0°.8/23.9 18

9 18	2 16.39	+16 3.6	0.897	1.776	22.3	18.3
9 28	2 13.28	+15 39.6	0.855	1.788	17.0	18.0
10 8	2 6.64	+14 53.0	0.830	1.802	10.8	17.8
10 18	1 57.64	+13 48.8	0.824	1.817	4.2	17.5
10 28	1 48.09	+12 36.9	0.841	1.833	2.9	17.4
11 7	1 39.87	+11 29.6	0.881	1.850	9.2	17.9
11 17	1 34.36	+10 37.3	0.942	1.869	14.9	18.3
11 27	1 32.32	+10 6.5	1.021	1.888	19.6	18.6

96756 1999 RD_{20} 10 23.4 355°.02 8°.1/28.0 18

9 18	2 18.45	+26 47.6	1.285	2.101	20.6	17.9
9 28	2 14.78	+28 6.9	1.213	2.095	17.2	17.6
10 8	2 7.78	+29 4.5	1.159	2.090	13.4	17.4
10 18	1 58.19	+29 34.9	1.125	2.087	9.8	17.2
10 28	1 47.47	+29 35.7	1.115	2.085	8.1	17.1
11 7	1 37.42	+29 10.8	1.128	2.084	9.8	17.2
11 17	1 29.65	+28 28.7	1.164	2.084	13.3	17.4
11 27	1 25.29	+27 40.8	1.220	2.086	17.0	17.6

401680 2013 GQ_{134} 10 23.4 154°.65 1°.5/21.9 18

9 18	2 15.02	+ 9 16.7	2.324	3.164	11.7	21.7
9 28	2 10.33	+ 8 35.0	2.251	3.167	8.7	21.6
10 8	2 4.01	+ 7 46.5	2.203	3.171	5.4	21.4
10 18	1 56.61	+ 6 54.7	2.182	3.174	2.1	21.1
10 28	1 48.88	+ 6 4.5	2.191	3.177	2.7	21.2
11 7	1 41.61	+ 5 20.4	2.229	3.179	6.1	21.4
11 17	1 35.49	+ 4 46.4	2.295	3.182	9.3	21.6
11 27	1 31.07	+ 4 25.3	2.385	3.184	12.1	21.8

176234 2001 QJ_{165} 10 23.4 358°.78 5°.6/19.9 18

9 18	2 15.70	− 0 0.1	1.401	2.276	15.9	19.1
9 28	2 11.78	− 0 37.7	1.341	2.273	12.1	18.8
10 8	2 5.34	− 1 14.8	1.303	2.271	8.2	18.6
10 18	1 57.16	− 1 44.7	1.288	2.270	5.7	18.5
10 28	1 48.44	− 2 0.3	1.298	2.269	6.9	18.6
11 7	1 40.45	− 1 56.8	1.333	2.270	10.6	18.8
11 17	1 34.27	− 1 32.4	1.391	2.273	14.5	19.0
11 27	1 30.65	− 0 47.5	1.469	2.276	17.9	19.3

188254 2002 XN_{76} 10 23.4 7°.46 3°.8/21.6 18

9 18	2 18.70	+ 4 13.8	1.100	1.981	18.8	19.0
9 28	2 14.63	+ 4 3.8	1.045	1.982	14.2	18.7
10 8	2 7.39	+ 3 50.6	1.009	1.983	9.0	18.4
10 18	1 57.95	+ 3 39.7	0.996	1.986	4.4	18.2
10 28	1 47.81	+ 3 37.7	1.006	1.990	5.4	18.2
11 7	1 38.65	+ 3 49.7	1.040	1.996	10.4	18.5
11 17	1 31.82	+ 4 18.4	1.095	2.002	15.3	18.8
11 27	1 28.20	+ 5 4.3	1.170	2.010	19.5	19.1

200482 2000 YA_{24} 10 23.4 235°.11 2°.4/25.5 18

9 18	2 18.06	+20 19.4	1.939	2.752	14.7	20.3
9 28	2 13.19	+20 10.4	1.852	2.745	11.6	20.0
10 8	2 6.11	+19 45.4	1.786	2.738	7.9	19.8
10 18	1 57.46	+19 5.2	1.746	2.730	4.1	19.6
10 28	1 48.19	+18 12.9	1.734	2.723	2.7	19.5
11 7	1 39.42	+17 14.4	1.751	2.715	6.0	19.7
11 17	1 32.11	+16 16.3	1.794	2.707	9.9	19.9
11 27	1 27.01	+15 25.4	1.863	2.698	13.4	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
66780 1999 TW_{223}			10 23.4	56°.76	9°.1/31.3	18
	h m	° ′			°	m
9 18	2 22.14	+35 13.7	1.600	2.351	19.9	18.7
9 28	2 16.90	+36 5.4	1.540	2.368	17.0	18.5
10 8	2 8.68	+36 29.2	1.497	2.386	13.9	18.4
10 18	1 58.39	+36 20.6	1.475	2.404	11.0	18.2
10 28	1 47.48	+35 39.6	1.477	2.422	9.3	18.2
11 7	1 37.50	+34 31.9	1.503	2.441	9.6	18.3
11 17	1 29.75	+33 7.3	1.555	2.460	11.7	18.4
11 27	1 25.05	+31 37.7	1.629	2.478	14.4	18.6
377114 2002 XL_{29}			10 23.5	232°.11	9°.5/14.7	18
9 18	2 23.48	−16 32.5	2.205	3.026	12.9	20.9
9 28	2 16.90	−17 42.1	2.135	3.010	11.1	20.7
10 8	2 8.26	−18 40.6	2.089	2.993	9.8	20.6
10 18	1 58.19	−19 20.4	2.068	2.975	9.5	20.6
10 28	1 47.62	−19 35.3	2.074	2.957	10.6	20.6
11 7	1 37.56	−19 22.6	2.106	2.937	12.5	20.7
11 17	1 28.89	−18 42.5	2.160	2.916	14.6	20.8
11 27	1 22.30	−17 38.1	2.234	2.895	16.6	20.9
227918 2007 FR_{25}			10 23.5	195°.09	0°.3/23.7	18
9 18	2 19.99	+14 14.3	1.968	2.796	14.0	21.3
9 28	2 14.48	+13 55.2	1.887	2.794	10.7	21.1
10 8	2 6.84	+13 24.9	1.829	2.792	6.8	20.8
10 18	1 57.70	+12 45.3	1.797	2.789	2.5	20.6
10 28	1 48.03	+12 0.9	1.794	2.785	1.9	20.5
11 7	1 38.89	+11 17.0	1.821	2.781	6.2	20.8
11 17	1 31.20	+10 39.0	1.875	2.776	10.2	21.0
11 27	1 25.68	+10 11.7	1.953	2.771	13.6	21.3
408962 2002 JD_{150}			10 23.5	66°.16	0°.7/22.9	18
9 18	2 19.04	+ 9 56.6	2.091	2.927	12.9	20.8
9 28	2 13.36	+ 9 50.2	2.036	2.949	9.7	20.6
10 8	2 5.89	+ 9 37.5	2.005	2.971	6.0	20.4
10 18	1 57.29	+ 9 21.0	2.001	2.993	2.1	20.2
10 28	1 48.43	+ 9 4.2	2.026	3.015	2.2	20.3
11 7	1 40.23	+ 8 50.7	2.080	3.037	5.9	20.6
11 17	1 33.43	+ 8 43.7	2.163	3.059	9.3	20.8
11 27	1 28.57	+ 8 45.6	2.269	3.081	12.2	21.1
314618 2006 DU_{123}			10 23.5	159°.32	1°.3/21.9	18
9 18	2 13.70	+ 9 20.5	2.716	3.551	10.3	21.8
9 28	2 9.13	+ 8 39.2	2.641	3.555	7.7	21.6
10 8	2 3.18	+ 7 51.9	2.592	3.559	4.7	21.4
10 18	1 56.33	+ 7 1.9	2.571	3.563	1.8	21.2
10 28	1 49.20	+ 6 13.0	2.581	3.566	2.4	21.3
11 7	1 42.45	+ 5 29.3	2.620	3.569	5.3	21.5
11 17	1 36.67	+ 4 54.2	2.688	3.572	8.2	21.7
11 27	1 32.34	+ 4 30.3	2.780	3.574	10.7	21.9
453545 2009 WB_{178}			10 23.5	244°.60	5°.6/18.3	17
9 18	2 18.48	− 7 17.5	2.538	3.377	10.8	21.0
9 28	2 12.81	− 7 46.8	2.465	3.369	8.6	20.9
10 8	2 5.53	− 8 10.9	2.417	3.362	6.5	20.7
10 18	1 57.19	− 8 25.5	2.397	3.354	5.6	20.7
10 28	1 48.50	− 8 26.5	2.406	3.347	6.4	20.7
11 7	1 40.23	− 8 11.9	2.442	3.339	8.5	20.8
11 17	1 33.07	− 7 41.0	2.506	3.331	10.8	21.0
11 27	1 27.55	− 6 54.6	2.592	3.323	13.0	21.1
71684 2000 FY_{15}			10 23.5	238°.44	2°.1/21.2	18
9 18	2 14.83	+ 5 45.8	2.586	3.427	10.6	19.6
9 28	2 10.11	+ 5 14.4	2.502	3.419	7.9	19.4
10 8	2 3.88	+ 4 39.2	2.444	3.411	5.0	19.2
10 18	1 56.61	+ 4 3.4	2.414	3.403	2.4	19.0
10 28	1 48.97	+ 3 30.9	2.413	3.394	3.2	19.1
11 7	1 41.67	+ 3 5.5	2.442	3.385	6.1	19.3
11 17	1 35.37	+ 2 50.0	2.499	3.376	9.0	19.4
11 27	1 30.61	+ 2 46.4	2.580	3.367	11.6	19.6
15437 1998 VS_{35}			10 23.5	183°.39	0°.9/24.2	18
9 18	2 19.88	+16 27.1	1.915	2.738	14.5	19.3
9 28	2 14.46	+16 7.0	1.835	2.738	11.1	19.1
10 8	2 6.84	+15 33.4	1.779	2.738	7.2	18.9
10 18	1 57.71	+14 48.2	1.748	2.738	3.0	18.6
10 28	1 48.06	+13 55.8	1.746	2.737	1.9	18.5
11 7	1 38.98	+13 2.1	1.773	2.735	6.2	18.8
11 17	1 31.42	+12 13.4	1.828	2.733	10.2	19.0
11 27	1 26.08	+11 34.9	1.906	2.731	13.6	19.3
2581 Radegast			10 23.5	305°.03	1°.7/24.6	18 R
9 18	2 17.60	+17 34.2	1.310	2.157	18.5	16.2
9 28	2 13.78	+17 20.7	1.231	2.147	14.4	15.9
10 8	2 6.96	+16 47.5	1.172	2.136	9.5	15.6
10 18	1 57.88	+15 56.1	1.136	2.125	4.2	15.3
10 28	1 47.89	+14 52.1	1.124	2.115	2.6	15.2
11 7	1 38.55	+13 44.4	1.138	2.106	8.0	15.5
11 17	1 31.26	+12 42.9	1.177	2.096	13.3	15.7
11 27	1 26.99	+11 56.0	1.235	2.087	17.9	16.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
392384 2010 JR_{29}			10 23.5	111°.12	6°.3/18.1	18
	h m	° ′			°	m
9 18	2 18.47	− 4 53.8	1.975	2.827	12.9	20.8
9 28	2 13.02	− 5 56.4	1.926	2.840	10.1	20.6
10 8	2 5.72	− 6 54.7	1.901	2.853	7.5	20.5
10 18	1 57.25	− 7 42.3	1.902	2.865	6.3	20.5
10 28	1 48.51	− 8 13.4	1.932	2.877	7.4	20.6
11 7	1 40.45	− 8 24.5	1.987	2.889	9.9	20.7
11 17	1 33.82	− 8 14.8	2.068	2.900	12.5	20.9
11 27	1 29.19	− 7 45.3	2.170	2.911	14.9	21.1
334267 2001 UX_{27}			10 23.5	25°.66	1°.5/22.3	18
9 18	2 14.43	+12 34.5	1.258	2.126	17.8	20.0
9 28	2 11.05	+11 32.1	1.202	2.132	13.4	19.7
10 8	2 4.96	+10 13.5	1.166	2.139	8.3	19.5
10 18	1 57.07	+ 8 45.7	1.154	2.147	2.9	19.2
10 28	1 48.67	+ 7 18.5	1.167	2.156	3.6	19.2
11 7	1 41.15	+ 6 2.4	1.206	2.165	8.8	19.6
11 17	1 35.63	+ 5 5.4	1.268	2.175	13.6	19.9
11 27	1 32.83	+ 4 31.8	1.350	2.186	17.6	20.2
172263 2002 SF_{61}			10 23.5	354°.73	0°.5/23.1	18
9 18	2 18.86	+10 48.0	1.657	2.505	15.2	19.7
9 28	2 13.96	+10 47.0	1.585	2.503	11.5	19.5
10 8	2 6.66	+10 37.5	1.534	2.502	7.2	19.2
10 18	1 57.68	+10 22.0	1.508	2.501	2.5	19.0
10 28	1 48.11	+10 4.5	1.510	2.500	2.4	19.0
11 7	1 39.14	+ 9 49.8	1.539	2.500	7.1	19.2
11 17	1 31.83	+ 9 42.3	1.594	2.500	11.4	19.5
11 27	1 26.94	+ 9 45.7	1.672	2.500	15.1	19.7
458542 2011 DY_{51}			10 23.5	356°.65	21°.7/ 4.1	17
9 18	2 31.27	+44 31.6	1.010	1.748	29.8	20.3
9 28	2 27.54	+47 59.0	0.954	1.745	27.6	20.1
10 8	2 17.83	+50 52.9	0.910	1.743	25.3	20.0
10 18	2 2.46	+52 54.5	0.880	1.742	23.3	19.8
10 28	1 43.77	+53 47.5	0.865	1.742	22.0	19.8
11 7	1 25.76	+53 28.4	0.866	1.742	21.7	19.7
11 17	1 12.27	+52 8.7	0.882	1.743	22.6	19.8
11 27	1 5.59	+50 11.0	0.913	1.745	24.2	19.9
328411 2008 SS_{89}			10 23.5	131°.54	1°.0/22.4	18
9 18	2 13.86	+10 43.6	2.515	3.350	11.0	21.6
9 28	2 9.36	+10 3.6	2.442	3.356	8.2	21.4
10 8	2 3.38	+ 9 16.4	2.394	3.361	5.1	21.3
10 18	1 56.43	+ 8 25.2	2.374	3.367	1.8	21.0
10 28	1 49.19	+ 7 34.3	2.384	3.372	2.2	21.1
11 7	1 42.37	+ 6 47.9	2.424	3.377	5.4	21.3
11 17	1 36.60	+ 6 10.1	2.492	3.382	8.5	21.5
11 27	1 32.38	+ 5 43.6	2.584	3.386	11.1	21.7
368073 2012 KP			10 23.5	142°.58	1°.9/21.5	18
9 18	2 14.35	+ 6 52.2	2.523	3.365	10.8	21.4
9 28	2 9.73	+ 6 17.6	2.451	3.368	8.0	21.2
10 8	2 3.61	+ 5 38.5	2.403	3.371	5.0	21.1
10 18	1 56.51	+ 4 58.4	2.384	3.374	2.3	20.9
10 28	1 49.11	+ 4 21.2	2.395	3.377	3.0	20.9
11 7	1 42.12	+ 3 50.9	2.434	3.380	5.9	21.1
11 17	1 36.18	+ 3 30.3	2.502	3.383	8.9	21.3
11 27	1 31.78	+ 3 21.7	2.594	3.385	11.4	21.5
27929 1997 FC_{1}			10 23.5	213°.75	4°.5/19.9	18
9 18	2 18.91	+ 2 58.1	1.689	2.547	14.5	18.8
9 28	2 13.88	+ 1 55.2	1.619	2.543	11.0	18.6
10 8	2 6.55	+ 0 47.9	1.572	2.539	7.2	18.3
10 18	1 57.63	− 0 17.1	1.550	2.534	4.6	18.2
10 28	1 48.18	− 1 12.0	1.557	2.529	5.9	18.2
11 7	1 39.33	− 1 50.4	1.590	2.523	9.6	18.4
11 17	1 32.09	− 2 8.4	1.648	2.517	13.3	18.7
11 27	1 27.19	− 2 4.7	1.727	2.511	16.6	18.9
440861 2006 SF_{296}			10 23.5	49°.91	0°.3/23.7	18
9 18	2 16.23	+14 51.3	1.740	2.580	15.0	21.3
9 28	2 11.78	+14 23.9	1.675	2.588	11.4	21.1
10 8	2 5.16	+13 43.5	1.632	2.597	7.2	20.9
10 18	1 57.11	+12 53.2	1.614	2.605	2.7	20.6
10 28	1 48.64	+11 58.4	1.624	2.615	2.0	20.6
11 7	1 40.84	+11 5.5	1.661	2.624	6.5	20.9
11 17	1 34.60	+10 20.6	1.725	2.633	10.5	21.2
11 27	1 30.59	+ 9 48.5	1.812	2.643	14.0	21.4
183174 2002 SH_{40}			10 23.5	7°.89	1°.0/23.9	18
9 18	2 21.25	+12 35.2	1.149	2.012	19.5	19.5
9 28	2 16.70	+13 8.4	1.088	2.013	15.0	19.2
10 8	2 8.83	+13 30.6	1.045	2.014	9.7	18.9
10 18	1 58.56	+13 42.2	1.025	2.016	3.8	18.6
10 28	1 47.42	+13 46.2	1.028	2.020	2.7	18.6
11 7	1 37.20	+13 47.6	1.057	2.024	8.5	18.9
11 17	1 29.37	+13 52.0	1.109	2.029	13.8	19.3
11 27	1 24.90	+14 4.8	1.180	2.036	18.3	19.5

523392 2017 DK_{58} 10 23.5 333°.24 5°.5/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.52	− 2 59.2	2.026	2.883	12.5	20.5
9 28	2 10.96	− 3 46.4	1.959	2.878	9.6	20.3
10 8	2 4.55	− 4 31.4	1.915	2.874	6.9	20.1
10 18	1 56.89	− 5 8.7	1.898	2.869	5.5	20.0
10 28	1 48.82	− 5 32.6	1.909	2.865	6.6	20.1
11 7	1 41.26	− 5 39.4	1.946	2.861	9.2	20.2
11 17	1 34.99	− 5 27.4	2.008	2.858	12.1	20.4
11 27	1 30.62	− 4 56.8	2.092	2.854	14.7	20.6

63644 2001 QY_{99} 10 23.5 223°.98 6°.6/29.3 17

9 18	2 19.58	+33 42.2	1.230	2.017	22.9	19.2
9 28	2 15.67	+32 47.8	1.149	2.014	19.2	18.9
10 8	2 8.26	+31 9.0	1.084	2.010	14.7	18.6
10 18	1 58.35	+28 43.2	1.040	2.005	9.8	18.3
10 28	1 47.64	+25 36.7	1.021	2.001	6.7	18.2
11 7	1 37.99	+22 6.8	1.029	1.996	8.7	18.3
11 17	1 30.92	+18 36.2	1.063	1.990	13.5	18.5
11 27	1 27.33	+15 26.1	1.121	1.985	18.4	18.8

217703 1999 TH_{130} 10 23.5 293°.15 3°.3/26.2 17

9 18	2 18.20	+21 30.3	2.131	2.933	13.9	20.0
9 28	2 13.21	+21 51.4	2.041	2.925	11.1	19.8
10 8	2 6.12	+21 58.9	1.974	2.917	7.9	19.6
10 18	1 57.51	+21 52.3	1.932	2.909	4.7	19.4
10 28	1 48.28	+21 32.8	1.918	2.902	3.4	19.3
11 7	1 39.45	+21 4.2	1.933	2.894	5.8	19.4
11 17	1 31.94	+20 31.5	1.975	2.887	9.2	19.6
11 27	1 26.51	+20 0.5	2.042	2.880	12.3	19.8

287152 2002 RU_{231} 10 23.5 81°.88 1°.3/22.3 18

9 18	2 16.40	+11 15.9	1.799	2.646	14.3	20.7
9 28	2 11.74	+10 24.8	1.739	2.658	10.6	20.5
10 8	2 5.06	+ 9 23.3	1.701	2.670	6.6	20.3
10 18	1 57.07	+ 8 16.4	1.690	2.682	2.4	20.0
10 28	1 48.73	+ 7 10.4	1.707	2.694	2.9	20.1
11 7	1 41.07	+ 6 12.1	1.752	2.706	7.0	20.4
11 17	1 34.93	+ 5 26.8	1.823	2.718	10.8	20.7
11 27	1 30.90	+ 4 57.9	1.918	2.730	14.1	20.9

3565 Ojima 10 23.5 318°.63 3°.4/20.4 18

9 18	2 14.49	+ 3 4.9	2.105	2.960	12.1	16.5
9 28	2 10.20	+ 2 27.7	2.027	2.950	9.1	16.3
10 8	2 4.10	+ 1 47.9	1.973	2.941	5.9	16.1
10 18	1 56.75	+ 1 9.8	1.946	2.931	3.5	15.9
10 28	1 48.95	+ 0 38.7	1.946	2.922	4.6	16.0
11 7	1 41.56	+ 0 18.7	1.975	2.913	7.7	16.1
11 17	1 35.39	+ 0 13.0	2.030	2.904	10.9	16.3
11 27	1 31.03	+ 0 22.9	2.107	2.896	13.8	16.5

363062 1999 XS_{259} 10 23.5 357°.93 5°.5/19.5 18

9 18	2 19.63	− 4 22.0	2.017	2.866	12.8	19.8
9 28	2 14.01	− 4 44.5	1.951	2.865	10.0	19.6
10 8	2 6.44	− 5 2.4	1.909	2.865	7.2	19.4
10 18	1 57.57	− 5 11.1	1.894	2.864	5.5	19.3
10 28	1 48.31	− 5 6.1	1.906	2.864	6.5	19.4
11 7	1 39.62	− 4 45.0	1.947	2.864	9.1	19.5
11 17	1 32.34	− 4 7.3	2.013	2.865	12.0	19.7
11 27	1 27.08	− 3 14.0	2.101	2.865	14.6	19.9

490490 2009 TA_{34} 10 23.5 345°.13 7°.6/27.5 17

9 18	2 19.78	+26 14.4	1.574	2.374	18.1	19.8
9 28	2 15.47	+27 44.8	1.487	2.359	15.2	19.6
10 8	2 8.15	+28 59.6	1.420	2.345	11.9	19.3
10 18	1 58.42	+29 53.1	1.376	2.333	8.9	19.1
10 28	1 47.47	+30 22.1	1.356	2.322	7.6	19.0
11 7	1 36.88	+30 27.7	1.362	2.312	9.2	19.1
11 17	1 28.13	+30 15.2	1.392	2.303	12.3	19.3
11 27	1 22.37	+29 53.4	1.444	2.296	15.7	19.5

491759 2012 VL_{90} 10 23.5 14°.12 0°.6/23.1 16

9 18	2 10.99	+13 14.2	0.987	1.873	20.1	20.3
9 28	2 8.99	+12 43.6	0.942	1.881	15.1	20.1
10 8	2 3.91	+11 55.5	0.915	1.891	9.5	19.8
10 18	1 56.75	+10 55.8	0.909	1.902	3.3	19.5
10 28	1 49.04	+ 9 54.0	0.925	1.916	3.1	19.6
11 7	1 42.38	+ 9 0.5	0.964	1.932	9.0	20.0
11 17	1 37.99	+ 8 23.3	1.025	1.949	14.3	20.3
11 27	1 36.62	+ 8 7.2	1.105	1.968	18.6	20.6

225729 2001 RA_{109} 10 23.5 80°.45 0°.7/23.9 17

9 18	2 22.06	+15 21.4	1.522	2.359	16.9	20.7
9 28	2 16.27	+15 5.3	1.470	2.381	12.8	20.5
10 8	2 7.99	+14 34.9	1.440	2.403	8.2	20.3
10 18	1 58.12	+13 53.2	1.434	2.425	3.2	20.0
10 28	1 47.93	+13 5.7	1.456	2.447	2.2	20.0
11 7	1 38.69	+12 19.3	1.505	2.468	6.9	20.4
11 17	1 31.43	+11 40.3	1.581	2.490	11.2	20.7
11 27	1 26.79	+11 13.8	1.679	2.510	14.9	21.0

65911 1998 FO_{25} 10 23.5 179°.33 0°.0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.14	+14 18.1	2.237	3.061	12.6	20.3
9 28	2 12.82	+13 41.9	2.157	3.063	9.6	20.1
10 8	2 5.68	+12 54.7	2.101	3.064	6.0	19.9
10 18	1 57.31	+11 59.4	2.073	3.064	2.2	19.7
10 28	1 48.54	+11 0.4	2.074	3.064	1.8	19.6
11 7	1 40.26	+10 3.3	2.105	3.063	5.7	19.9
11 17	1 33.24	+ 9 13.2	2.165	3.062	9.2	20.1
11 27	1 28.10	+ 8 34.4	2.249	3.060	12.3	20.3

139646 2001 QC_{171} 10 23.5 52°.12 0°.6/23.9 18

9 18	2 17.49	+14 44.5	1.796	2.632	14.7	20.1
9 28	2 12.70	+14 32.8	1.728	2.639	11.2	19.9
10 8	2 5.75	+14 9.3	1.683	2.647	7.2	19.7
10 18	1 57.36	+13 36.1	1.664	2.655	2.8	19.4
10 28	1 48.51	+12 57.7	1.672	2.663	1.9	19.4
11 7	1 40.30	+12 19.5	1.708	2.671	6.3	19.7
11 17	1 33.65	+11 47.0	1.771	2.679	10.3	19.9
11 27	1 29.21	+11 24.6	1.857	2.688	13.7	20.2

443766 2015 MC_{55} 10 23.5 43°.92 3°.5/20.9 18

9 18	2 17.22	+ 5 47.2	1.417	2.285	16.2	20.1
9 28	2 12.73	+ 4 56.8	1.369	2.299	12.1	19.9
10 8	2 5.82	+ 4 0.8	1.343	2.315	7.6	19.7
10 18	1 57.36	+ 3 5.7	1.341	2.331	3.9	19.5
10 28	1 48.56	+ 2 19.1	1.366	2.347	5.1	19.7
11 7	1 40.64	+ 1 47.4	1.416	2.363	9.1	19.9
11 17	1 34.59	+ 1 34.3	1.490	2.381	13.1	20.2
11 27	1 31.04	+ 1 41.0	1.586	2.398	16.5	20.5

115667 2003 UO_{143} 10 23.5 285°.10 1°.4/24.6 18

9 18	2 17.98	+16 52.8	1.803	2.632	15.0	19.9
9 28	2 13.21	+16 45.2	1.724	2.629	11.6	19.7
10 8	2 6.18	+16 23.8	1.668	2.627	7.6	19.5
10 18	1 57.55	+15 50.2	1.636	2.625	3.3	19.2
10 28	1 48.34	+15 8.2	1.633	2.624	2.1	19.1
11 7	1 39.69	+14 23.4	1.657	2.622	6.3	19.4
11 17	1 32.58	+13 42.1	1.708	2.620	10.4	19.6
11 27	1 27.77	+13 9.8	1.783	2.618	14.0	19.8

384338 2009 TR_{2} 10 23.5 6°.17 1°.0/24.0 18

9 18	2 14.61	+14 9.6	1.006	1.884	20.5	20.1
9 28	2 11.93	+14 19.9	0.950	1.883	15.7	19.8
10 8	2 5.93	+14 13.7	0.913	1.885	10.1	19.5
10 18	1 57.55	+13 53.3	0.896	1.888	4.0	19.2
10 28	1 48.36	+13 24.3	0.901	1.893	2.7	19.1
11 7	1 40.15	+12 55.1	0.929	1.899	8.8	19.5
11 17	1 34.36	+12 33.4	0.979	1.908	14.3	19.9
11 27	1 31.91	+12 25.8	1.048	1.917	19.0	20.2

164216 2004 OT_{11} 10 23.5 71°.54 11°.7/ 5.2 17

9 18	2 45.52	+46 2.7	1.598	2.246	23.4	21.1
9 28	2 34.17	+46 46.5	1.568	2.308	20.4	21.0
10 8	2 19.07	+46 51.1	1.552	2.368	17.3	20.9
10 18	2 1.94	+46 10.5	1.557	2.427	14.4	20.9
10 28	1 45.04	+44 45.8	1.584	2.483	12.3	20.9
11 7	1 30.47	+42 46.9	1.638	2.537	11.7	21.0
11 17	1 19.52	+40 28.9	1.718	2.590	12.7	21.2
11 27	1 12.68	+38 8.0	1.823	2.640	14.5	21.4

451104 2009 DJ_{132} 10 23.5 7°.42 1°.6/24.7 18

9 18	2 18.68	+16 32.0	1.782	2.611	15.1	20.8
9 28	2 13.76	+16 38.6	1.706	2.611	11.7	20.6
10 8	2 6.53	+16 32.5	1.652	2.611	7.7	20.3
10 18	1 57.68	+16 14.7	1.623	2.612	3.5	20.1
10 28	1 48.25	+15 48.3	1.622	2.613	2.2	20.0
11 7	1 39.39	+15 18.3	1.649	2.614	6.3	20.3
11 17	1 32.11	+14 50.1	1.702	2.615	10.4	20.5
11 27	1 27.17	+14 29.2	1.779	2.616	13.9	20.7

22618 Silva Nortica 10 23.5 74°.40 2°.6/21.8 18

9 18	2 20.87	+ 8 4.1	1.372	2.233	17.1	18.4
9 28	2 15.57	+ 7 23.7	1.322	2.249	12.7	18.2
10 8	2 7.64	+ 6 35.1	1.294	2.265	7.9	18.0
10 18	1 58.03	+ 5 44.0	1.289	2.281	3.3	17.8
10 28	1 48.04	+ 4 57.9	1.312	2.297	4.2	17.9
11 7	1 39.03	+ 4 23.7	1.360	2.313	8.8	18.2
11 17	1 32.06	+ 4 5.8	1.433	2.329	13.1	18.5
11 27	1 27.83	+ 4 6.4	1.527	2.345	16.8	18.8

145216 2005 JO_{48} 10 23.5 56°.20 3°.2/20.8 18

9 18	2 16.38	+ 5 27.5	1.745	2.603	14.1	20.3
9 28	2 11.79	+ 4 38.2	1.686	2.612	10.5	20.1
10 8	2 5.13	+ 3 43.9	1.651	2.621	6.6	19.9
10 18	1 57.13	+ 2 50.3	1.642	2.630	3.5	19.7
10 28	1 48.76	+ 2 3.6	1.660	2.640	4.6	19.8
11 7	1 41.06	+ 1 29.5	1.706	2.649	8.2	20.0
11 17	1 34.89	+ 1 11.6	1.777	2.659	11.8	20.3
11 27	1 30.87	+ 1 11.4	1.870	2.669	14.9	20.5

198758 2005 EG_{86} 10 23.5 240°.77 3°.3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.81	+ 5 0.1	1.860	2.715	13.5	20.2
9 28	2 12.12	+ 4 11.3	1.788	2.711	10.1	20.0
10 8	2 5.39	+ 3 17.3	1.740	2.708	6.5	19.8
10 18	1 57.25	+ 2 23.6	1.718	2.705	3.5	19.6
10 28	1 48.64	+ 1 36.3	1.724	2.702	4.6	19.6
11 7	1 40.57	+ 1 1.0	1.757	2.698	8.2	19.8
11 17	1 33.92	+ 0 41.7	1.816	2.695	11.8	20.1
11 27	1 29.36	+ 0 40.2	1.898	2.691	14.9	20.3

235813 2004 XA_{66} 10 23.5 23°.00 0°.3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.40	+13 59.2	1.221	2.088	18.3	19.2
9 28	2 11.10	+13 23.7	1.169	2.097	13.9	18.9
10 8	2 5.05	+12 31.9	1.136	2.108	8.7	18.7
10 18	1 57.15	+11 28.8	1.126	2.119	3.1	18.4
10 28	1 48.76	+10 22.6	1.141	2.132	2.7	18.4
11 7	1 41.31	+ 9 22.7	1.181	2.146	8.2	18.8
11 17	1 35.90	+ 8 36.6	1.245	2.161	13.0	19.1
11 27	1 33.26	+ 8 9.5	1.329	2.176	17.1	19.4

383059 2005 QY_{145} 10 23.5 340°.52 8°.4/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.22	− 3 14.3	1.136	2.023	17.9	19.7
9 28	2 12.08	− 4 18.4	1.075	2.010	14.0	19.5
10 8	2 5.91	− 5 19.9	1.033	1.998	10.3	19.2
10 18	1 57.55	− 6 8.2	1.013	1.988	8.4	19.1
10 28	1 48.39	− 6 33.0	1.016	1.978	10.1	19.2
11 7	1 40.00	− 6 27.6	1.041	1.970	13.9	19.4
11 17	1 33.73	− 5 50.6	1.086	1.963	18.0	19.6
11 27	1 30.50	− 4 44.7	1.149	1.957	21.7	19.8

38291 1999 RG_{74} 10 23.5 22°.90 0°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.90	+11 18.5	1.931	2.774	13.6	18.5
9 28	2 11.38	+10 57.7	1.860	2.777	10.2	18.3
10 8	2 4.89	+10 28.0	1.812	2.780	6.4	18.1
10 18	1 57.07	+ 9 52.7	1.790	2.783	2.2	17.8
10 28	1 48.81	+ 9 16.2	1.797	2.786	2.3	17.9
11 7	1 41.09	+ 8 43.5	1.831	2.790	6.4	18.1
11 17	1 34.77	+ 8 19.1	1.892	2.794	10.1	18.4
11 27	1 30.46	+ 8 6.3	1.977	2.798	13.4	18.6

213242 2001 BY_{14} 10 23.5 304°.19 4°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.61	+ 4 0.7	1.553	2.420	15.0	20.0
9 28	2 11.91	+ 2 57.1	1.460	2.390	11.5	19.7
10 8	2 5.68	+ 1 45.4	1.390	2.360	7.6	19.4
10 18	1 57.49	+ 0 32.4	1.344	2.330	4.7	19.2
10 28	1 48.38	− 0 33.0	1.325	2.300	6.3	19.2
11 7	1 39.62	− 1 22.1	1.331	2.270	10.5	19.4
11 17	1 32.41	− 1 49.0	1.361	2.240	14.9	19.5
11 27	1 27.70	− 1 50.6	1.411	2.211	18.8	19.7

25397 1999 VY_{10} 10 23.5 275°.30 3°.5/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.57	+ 6 9.6	1.480	2.343	15.9	18.8
9 28	2 14.04	+ 5 21.2	1.406	2.334	12.0	18.5
10 8	2 6.89	+ 4 24.8	1.354	2.325	7.6	18.2
10 18	1 57.87	+ 3 26.7	1.326	2.316	3.8	18.0
10 28	1 48.14	+ 2 34.7	1.325	2.307	5.1	18.0
11 7	1 39.04	+ 1 56.2	1.350	2.297	9.5	18.3
11 17	1 31.73	+ 1 36.4	1.399	2.288	13.9	18.5
11 27	1 27.03	+ 1 37.8	1.469	2.279	17.7	18.7

9823 Annantalová 10 23.5 75°.30 0°.8/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.91	+10 32.4	1.449	2.298	16.9	18.0
9 28	2 17.09	+10 26.5	1.394	2.313	12.7	17.8
10 8	2 8.63	+10 11.2	1.359	2.328	7.9	17.6
10 18	1 58.42	+ 9 49.8	1.350	2.343	2.8	17.3
10 28	1 47.77	+ 9 27.1	1.368	2.358	2.7	17.3
11 7	1 38.04	+ 9 8.7	1.412	2.372	7.7	17.7
11 17	1 30.34	+ 8 59.4	1.482	2.387	12.2	18.0
11 27	1 25.40	+ 9 2.6	1.574	2.402	15.9	18.3

53820 2000 EA_{140} 10 23.5 336°.42 1°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.23	+17 26.0	1.433	2.275	17.5	19.1
9 28	2 13.95	+17 18.2	1.360	2.271	13.6	18.8
10 8	2 6.92	+16 53.0	1.306	2.268	9.0	18.6
10 18	1 57.89	+16 11.9	1.276	2.266	4.0	18.3
10 28	1 48.14	+15 19.9	1.272	2.263	2.5	18.2
11 7	1 39.08	+14 24.5	1.295	2.261	7.4	18.5
11 17	1 31.93	+13 34.0	1.342	2.259	12.2	18.7
11 27	1 27.58	+12 55.4	1.411	2.258	16.3	19.0

188344 2003 SA_{123} 10 23.5 88°.56 1°.4/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.04	+ 9 10.8	2.283	3.124	11.8	20.3
9 28	2 10.39	+ 8 37.2	2.216	3.133	8.8	20.1
10 8	2 4.11	+ 7 57.3	2.173	3.141	5.4	19.9
10 18	1 56.76	+ 7 14.4	2.157	3.149	2.1	19.7
10 28	1 49.11	+ 6 33.0	2.171	3.157	2.6	19.8
11 7	1 41.94	+ 5 57.4	2.214	3.165	6.0	20.0
11 17	1 35.95	+ 5 31.3	2.284	3.174	9.2	20.2
11 27	1 31.66	+ 5 17.1	2.378	3.182	12.0	20.4

374775 2006 SB_{365} 10 23.5 60°.52 4°.4/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 22.27	+22 31.9	1.294	2.119	19.9	20.4
9 28	2 17.11	+22 51.5	1.239	2.136	15.8	20.2
10 8	2 8.87	+22 48.5	1.203	2.152	11.2	20.0
10 18	1 58.55	+22 22.5	1.189	2.169	6.5	19.8
10 28	1 47.67	+21 37.0	1.200	2.186	4.5	19.7
11 7	1 37.85	+20 40.0	1.237	2.203	7.8	19.9
11 17	1 30.38	+19 41.2	1.299	2.220	12.1	20.2
11 27	1 26.05	+18 50.0	1.382	2.237	16.1	20.5

426108 2012 FH_{49} 10 23.5 100°.03 3°.7/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.29	+ 6 40.9	1.451	2.312	16.2	21.8
9 28	2 14.29	+ 5 27.0	1.398	2.325	12.1	21.6
10 8	2 6.83	+ 4 5.2	1.367	2.338	7.6	21.4
10 18	1 57.77	+ 2 43.1	1.361	2.350	4.0	21.2
10 28	1 48.33	+ 1 30.0	1.383	2.362	5.3	21.3
11 7	1 39.77	+ 0 33.7	1.431	2.374	9.5	21.6
11 17	1 33.11	− 0 0.9	1.503	2.386	13.5	21.9
11 27	1 29.00	− 0 12.3	1.596	2.397	17.0	22.1

363159 2001 SZ_{130} 10 23.5 49°.59 2°.0/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.51	+12 33.0	1.049	1.923	20.1	20.6
9 28	2 13.67	+11 21.0	1.005	1.938	15.0	20.4
10 8	2 6.72	+ 9 51.3	0.979	1.953	9.2	20.1
10 18	1 57.76	+ 8 12.6	0.976	1.969	3.3	19.8
10 28	1 48.37	+ 6 37.3	0.998	1.986	4.2	20.0
11 7	1 40.18	+ 5 17.4	1.043	2.003	9.8	20.3
11 17	1 34.39	+ 4 21.1	1.111	2.020	14.9	20.7
11 27	1 31.71	+ 3 52.1	1.198	2.038	19.1	21.0

363651 2004 RV_{316} 10 23.5 359°.93 2°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 12.35	+22 3.5	1.788	2.609	15.4	20.1
9 28	2 9.00	+21 26.1	1.710	2.607	12.1	19.9
10 8	2 3.54	+20 28.4	1.653	2.606	8.3	19.6
10 18	1 56.63	+19 12.8	1.622	2.606	4.3	19.4
10 28	1 49.23	+17 44.4	1.617	2.606	2.6	19.3
11 7	1 42.41	+16 11.5	1.640	2.607	6.0	19.5
11 17	1 37.06	+14 42.6	1.690	2.608	10.0	19.8
11 27	1 33.87	+13 25.5	1.764	2.611	13.6	20.0

466725 2014 XD_{7} 10 23.5 283°.43 11°.4/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 24.40	+50 2.4	2.612	3.204	16.1	21.1
9 28	2 18.71	+51 21.7	2.512	3.189	15.0	21.0
10 8	2 10.10	+52 18.9	2.428	3.175	13.7	20.8
10 18	1 59.16	+52 48.1	2.363	3.161	12.5	20.7
10 28	1 47.03	+52 45.3	2.319	3.146	11.7	20.6
11 7	1 35.20	+52 10.5	2.297	3.132	11.4	20.6
11 17	1 25.09	+51 7.5	2.298	3.117	11.9	20.6
11 27	1 17.79	+49 44.4	2.322	3.103	12.9	20.6

395341 2011 QG_{38} 10 23.5 309°.87 3°.4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.05	+ 8 17.3	1.630	2.493	14.6	20.4
9 28	2 9.66	+ 6 47.6	1.552	2.481	11.0	20.1
10 8	2 4.04	+ 5 5.4	1.497	2.469	6.9	19.9
10 18	1 56.84	+ 3 18.2	1.468	2.457	3.6	19.6
10 28	1 49.05	+ 1 35.7	1.466	2.445	5.1	19.7
11 7	1 41.79	+ 0 7.7	1.491	2.434	9.2	19.9
11 17	1 36.03	− 0 58.8	1.542	2.423	13.3	20.1
11 27	1 32.52	− 1 39.8	1.613	2.413	16.8	20.3

517993 2015 UQ_{49} 10 23.5 67°.03 4°.7/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.05	+ 1 2.2	2.143	3.002	11.8	21.1
9 28	2 9.01	− 0 22.7	2.081	3.004	8.9	20.9
10 8	2 3.30	− 1 49.8	2.043	3.006	6.1	20.7
10 18	1 56.49	− 3 12.6	2.033	3.009	4.7	20.6
10 28	1 49.36	− 4 24.1	2.051	3.011	5.9	20.7
11 7	1 42.71	− 5 19.0	2.097	3.013	8.6	20.9
11 17	1 37.25	− 5 54.1	2.169	3.016	11.4	21.1
11 27	1 33.51	− 6 8.3	2.262	3.018	13.9	21.3

60831 2000 HL_{48} 10 23.5 49°.51 1°.2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.30	+18 22.6	1.718	2.549	15.5	18.8
9 28	2 11.13	+17 44.8	1.654	2.561	11.9	18.6
10 8	2 4.80	+16 50.2	1.612	2.572	7.8	18.3
10 18	1 57.05	+15 42.1	1.595	2.585	3.3	18.1
10 28	1 48.93	+14 26.3	1.606	2.597	2.0	18.0
11 7	1 41.50	+13 10.6	1.645	2.610	6.2	18.3
11 17	1 35.67	+12 2.4	1.710	2.622	10.3	18.6
11 27	1 32.07	+11 7.7	1.799	2.636	13.8	18.9

383127 2005 TH_{127} 10 23.5 340°.01 0°.4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.43	+14 28.9	1.253	2.115	18.2	20.9
9 28	2 12.18	+14 14.8	1.180	2.106	14.0	20.6
10 8	2 5.98	+13 44.2	1.127	2.097	9.0	20.3
10 18	1 57.62	+13 0.0	1.097	2.089	3.4	19.9
10 28	1 48.40	+12 8.4	1.091	2.082	2.5	19.9
11 7	1 39.88	+11 17.9	1.110	2.076	8.3	20.2
11 17	1 33.38	+10 36.9	1.152	2.071	13.5	20.5
11 27	1 29.85	+10 11.8	1.214	2.067	18.0	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
392949 2012 WK_{15}			10 23.5	77°.47	2°.0/25.1	18
	h m	° ′			°	m
9 18	2 17.86	+19 4.8	1.739	2.563	15.7	20.7
9 28	2 13.15	+18 51.4	1.667	2.568	12.2	20.5
10 8	2 6.15	+18 21.7	1.616	2.573	8.2	20.3
10 18	1 57.57	+17 37.1	1.591	2.578	3.9	20.0
10 28	1 48.49	+16 42.0	1.593	2.583	2.4	19.9
11 7	1 40.05	+15 43.1	1.623	2.588	6.3	20.2
11 17	1 33.25	+14 47.4	1.679	2.593	10.4	20.5
11 27	1 28.80	+14 1.2	1.759	2.598	13.9	20.7
91802 1999 TH_{235}			10 23.5	61°.36	0°.9/22.7	18
9 18	2 16.97	+10 32.8	1.977	2.819	13.3	19.3
9 28	2 12.04	+10 11.8	1.916	2.833	10.0	19.1
10 8	2 5.22	+ 9 43.2	1.879	2.846	6.2	18.9
10 18	1 57.19	+ 9 10.0	1.868	2.860	2.2	18.7
10 28	1 48.82	+ 8 36.8	1.885	2.874	2.4	18.7
11 7	1 41.07	+ 8 8.0	1.932	2.888	6.2	19.0
11 17	1 34.72	+ 7 47.8	2.005	2.903	9.8	19.3
11 27	1 30.35	+ 7 38.9	2.101	2.917	12.9	19.5
461213 2015 VY_{129}			10 23.5	226°.35	2°.6/20.9	18
9 18	2 15.37	+ 4 30.1	2.448	3.293	11.0	21.0
9 28	2 10.61	+ 3 54.6	2.369	3.288	8.2	20.8
10 8	2 4.27	+ 3 15.8	2.316	3.282	5.3	20.6
10 18	1 56.85	+ 2 37.5	2.290	3.277	2.8	20.5
10 28	1 49.07	+ 2 4.0	2.294	3.272	3.7	20.5
11 7	1 41.66	+ 1 39.1	2.327	3.266	6.6	20.7
11 17	1 35.33	+ 1 25.7	2.387	3.260	9.5	20.9
11 27	1 30.60	+ 1 25.6	2.471	3.254	12.1	21.1
145041 2005 FJ_{6}			10 23.5	104°.31	3°.1/25.5	16
9 18	2 24.08	+19 29.6	1.499	2.321	17.8	20.9
9 28	2 18.18	+19 46.9	1.435	2.333	14.0	20.7
10 8	2 9.46	+19 47.2	1.391	2.344	9.5	20.5
10 18	1 58.79	+19 30.1	1.371	2.355	5.0	20.3
10 28	1 47.52	+18 58.7	1.378	2.366	3.3	20.2
11 7	1 37.11	+18 19.2	1.412	2.376	7.1	20.5
11 17	1 28.79	+17 39.1	1.472	2.387	11.5	20.7
11 27	1 23.35	+17 5.7	1.555	2.397	15.3	21.0
319422 2006 HW_{80}			10 23.5	82°.84	0°.5/23.1	18
9 18	2 20.20	+10 59.9	1.745	2.587	14.8	21.2
9 28	2 14.81	+10 53.0	1.677	2.592	11.2	21.0
10 8	2 7.15	+10 37.5	1.631	2.598	7.0	20.8
10 18	1 57.93	+10 16.0	1.611	2.603	2.5	20.5
10 28	1 48.22	+ 9 52.7	1.619	2.609	2.4	20.5
11 7	1 39.15	+ 9 32.5	1.655	2.614	6.8	20.8
11 17	1 31.72	+ 9 19.7	1.718	2.620	10.9	21.0
11 27	1 26.63	+ 9 17.9	1.803	2.625	14.4	21.3
470192 2006 VW_{32}			10 23.5	323°.40	0°.1/23.4	18
9 18	2 18.37	+11 28.7	1.186	2.053	18.7	21.1
9 28	2 14.76	+11 39.3	1.106	2.034	14.4	20.8
10 8	2 7.87	+11 38.8	1.045	2.016	9.3	20.4
10 18	1 58.40	+11 29.3	1.005	1.998	3.4	20.0
10 28	1 47.72	+11 15.1	0.990	1.981	2.9	20.0
11 7	1 37.59	+11 2.6	0.999	1.966	9.0	20.3
11 17	1 29.60	+10 58.1	1.031	1.951	14.7	20.5
11 27	1 24.91	+11 7.1	1.082	1.937	19.6	20.8
288478 Fahlman			10 23.5	109°.87	0°.4/23.9	18
9 18	2 16.73	+15 57.4	2.179	3.001	13.0	21.5
9 28	2 11.72	+15 16.5	2.113	3.017	9.8	21.4
10 8	2 4.96	+14 23.6	2.071	3.033	6.2	21.2
10 18	1 57.08	+13 21.8	2.057	3.048	2.4	20.9
10 28	1 48.93	+12 16.0	2.072	3.063	1.7	20.9
11 7	1 41.37	+11 12.1	2.117	3.077	5.5	21.2
11 17	1 35.11	+10 15.3	2.190	3.091	8.9	21.5
11 27	1 30.71	+ 9 30.1	2.287	3.105	11.9	21.7
283925 2004 LJ_{12}			10 23.5	46°.06	3°.8/20.7	18
9 18	2 16.45	+ 7 12.0	1.290	2.163	17.2	20.0
9 28	2 12.39	+ 5 57.8	1.243	2.176	12.8	19.8
10 8	2 5.73	+ 4 34.8	1.218	2.191	8.0	19.6
10 18	1 57.41	+ 3 11.5	1.216	2.205	4.1	19.4
10 28	1 48.71	+ 1 57.9	1.240	2.220	5.5	19.5
11 7	1 40.96	+ 1 2.4	1.289	2.236	9.8	19.8
11 17	1 35.19	+ 0 29.9	1.361	2.252	14.1	20.1
11 27	1 32.07	+ 0 22.0	1.454	2.268	17.6	20.4
100568 1997 GV_{37}			10 23.5	194°.34	0°.1/23.5	18
9 18	2 21.03	+13 42.3	1.915	2.743	14.3	21.0
9 28	2 15.37	+13 20.9	1.834	2.741	10.9	20.8
10 8	2 7.50	+12 48.2	1.776	2.739	6.9	20.5
10 18	1 58.07	+12 6.6	1.744	2.736	2.5	20.3
10 28	1 48.09	+11 20.5	1.741	2.732	2.0	20.2
11 7	1 38.65	+10 35.7	1.768	2.728	6.5	20.5
11 17	1 30.73	+ 9 57.6	1.822	2.722	10.5	20.7
11 27	1 25.03	+ 9 31.1	1.900	2.717	14.0	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
487461 2014 SY_{115}			10 23.5	164°.61	2°.6/25.9	17
	h m	° ′			°	m
9 18	2 18.87	+20 38.5	2.590	3.382	12.0	21.7
9 28	2 13.30	+20 58.6	2.505	3.384	9.5	21.6
10 8	2 6.00	+21 7.7	2.443	3.386	6.6	21.4
10 18	1 57.50	+21 5.6	2.409	3.387	3.8	21.2
10 28	1 48.56	+20 53.6	2.404	3.389	2.7	21.1
11 7	1 39.99	+20 34.6	2.430	3.390	4.9	21.3
11 17	1 32.55	+20 12.3	2.484	3.391	7.8	21.5
11 27	1 26.84	+19 51.1	2.564	3.392	10.4	21.7
205108 1999 TK_{279}			10 23.5	345°.91	4°.2/25.2	18
9 18	2 20.91	+16 46.7	1.220	2.070	19.4	19.0
9 28	2 16.76	+18 4.7	1.143	2.057	15.5	18.7
10 8	2 9.19	+19 12.2	1.086	2.045	10.8	18.4
10 18	1 58.90	+20 5.7	1.050	2.035	6.0	18.1
10 28	1 47.33	+20 43.4	1.039	2.026	4.6	18.0
11 7	1 36.31	+21 7.0	1.052	2.019	8.7	18.2
11 17	1 27.54	+21 21.7	1.089	2.013	13.7	18.5
11 27	1 22.22	+21 34.6	1.146	2.009	18.2	18.8
490420 2009 SG_{50}			10 23.5	4°.27	11°.8/29.9	17
9 18	2 31.01	+36 11.0	1.755	2.477	19.3	20.4
9 28	2 24.39	+38 36.8	1.678	2.476	17.1	20.2
10 8	2 14.10	+40 43.1	1.620	2.477	14.7	20.0
10 18	2 0.75	+42 20.1	1.585	2.479	12.8	19.9
10 28	1 45.74	+43 20.6	1.575	2.481	11.8	19.9
11 7	1 31.01	+43 43.7	1.589	2.485	12.2	19.9
11 17	1 18.44	+43 34.7	1.627	2.489	13.8	20.0
11 27	1 9.44	+43 4.4	1.686	2.494	15.9	20.2
19236 1993 XV			10 23.5	336°.12	6°.0/27.4	18
9 18	2 13.62	+24 50.4	1.237	2.071	20.2	17.4
9 28	2 11.21	+25 19.3	1.156	2.054	16.6	17.2
10 8	2 5.64	+25 23.4	1.092	2.038	12.3	16.9
10 18	1 57.60	+24 59.8	1.049	2.024	8.1	16.6
10 28	1 48.44	+24 9.7	1.028	2.010	6.0	16.4
11 7	1 39.86	+23 0.3	1.031	1.998	8.6	16.6
11 17	1 33.40	+21 42.8	1.057	1.988	13.2	16.8
11 27	1 30.19	+20 29.5	1.103	1.978	17.8	17.0
316518 2010 VR_{168}			10 23.5	142°.03	2°.9/20.9	18
9 18	2 17.75	+ 3 15.4	2.261	3.107	11.8	20.7
9 28	2 12.45	+ 2 51.9	2.191	3.109	8.8	20.6
10 8	2 5.44	+ 2 26.5	2.146	3.112	5.7	20.4
10 18	1 57.29	+ 2 3.1	2.128	3.114	3.1	20.2
10 28	1 48.78	+ 1 45.5	2.139	3.116	4.0	20.3
11 7	1 40.75	+ 1 37.2	2.179	3.119	6.9	20.5
11 17	1 33.94	+ 1 40.5	2.246	3.121	10.0	20.7
11 27	1 28.90	+ 1 56.4	2.337	3.123	12.7	20.9
259690 2003 XS_{38}			10 23.5	333°.88	1°.3/22.9	18
9 18	2 16.16	+ 9 37.6	1.056	1.937	19.4	19.4
9 28	2 13.30	+ 9 38.8	0.983	1.919	14.9	19.1
10 8	2 7.04	+ 9 29.5	0.928	1.903	9.5	18.8
10 18	1 58.12	+ 9 13.1	0.894	1.887	3.4	18.4
10 28	1 48.01	+ 8 55.7	0.882	1.873	3.6	18.3
11 7	1 38.55	+ 8 44.7	0.894	1.860	9.9	18.6
11 17	1 31.37	+ 8 46.3	0.927	1.848	15.7	18.9
11 27	1 27.67	+ 9 5.3	0.978	1.838	20.7	19.2
412432 2014 EG_{31}			10 23.5	226°.15	1°.8/20.2	18
9 18	2 7.65	+ 3 10.4	4.387	5.228	6.6	21.0
9 28	2 4.23	+ 2 37.7	4.311	5.227	4.9	20.9
10 8	2 0.02	+ 2 4.0	4.261	5.226	3.1	20.8
10 18	1 55.30	+ 1 31.2	4.241	5.225	1.9	20.7
10 28	1 50.41	+ 1 1.6	4.251	5.224	2.5	20.7
11 7	1 45.71	+ 0 37.4	4.292	5.223	4.1	20.8
11 17	1 41.54	+ 0 20.1	4.361	5.222	5.8	20.9
11 27	1 38.18	+ 0 10.9	4.455	5.221	7.4	21.1
104148 2000 EJ_{67}			10 23.5	173°.43	0°.1/23.4	18
9 18	2 17.01	+13 46.9	2.246	3.073	12.5	20.8
9 28	2 12.00	+13 16.0	2.167	3.075	9.4	20.6
10 8	2 5.21	+12 34.9	2.113	3.076	5.9	20.4
10 18	1 57.22	+11 46.3	2.086	3.078	2.1	20.2
10 28	1 48.84	+10 54.6	2.089	3.079	1.8	20.2
11 7	1 40.94	+10 4.8	2.121	3.079	5.6	20.4
11 17	1 34.27	+ 9 21.8	2.181	3.080	9.1	20.6
11 27	1 29.42	+ 8 49.4	2.266	3.079	12.1	20.8
243896 2001 BN_{48}			10 23.5	339°.42	4°.9/19.3	18
9 18	2 7.75	+ 7 39.6	1.164	2.055	17.3	18.5
9 28	2 6.43	+ 5 51.2	1.093	2.037	13.0	18.2
10 8	2 2.39	+ 3 45.5	1.043	2.019	8.3	17.9
10 18	1 56.35	+ 1 33.3	1.015	2.004	5.0	17.7
10 28	1 49.52	− 0 30.5	1.012	1.989	7.2	17.7
11 7	1 43.32	− 2 11.7	1.032	1.976	12.0	18.0
11 17	1 38.97	− 3 20.6	1.073	1.965	16.9	18.2
11 27	1 37.37	− 3 53.4	1.132	1.956	21.0	18.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
162065 1997 KB_3		10 23.5 18°.02 2°.0/22.1 18				
	h m	° ′			°	m
9 18	2 10.87	+13 18.4	0.876	1.769	21.3	18.8
9 28	2 9.21	+12 2.1	0.832	1.775	16.0	18.5
10 8	2 4.21	+10 23.7	0.806	1.783	9.8	18.2
10 18	1 56.96	+ 8 33.3	0.800	1.793	3.5	17.9
10 28	1 49.12	+ 6 45.8	0.816	1.805	4.5	18.0
11 7	1 42.44	+ 5 15.9	0.854	1.818	10.6	18.4
11 17	1 38.21	+ 4 13.6	0.912	1.832	16.1	18.8
11 27	1 37.20	+ 3 43.1	0.988	1.848	20.7	19.1
261564 2005 WB_{171}		10 23.5 353°.93 5°.2/19.3 18				
9 18	2 16.56	− 1 45.6	1.894	2.752	13.1	20.1
9 28	2 11.88	− 2 27.0	1.829	2.750	10.1	19.9
10 8	2 5.23	− 3 6.8	1.788	2.749	7.1	19.7
10 18	1 57.24	− 3 39.4	1.772	2.748	5.3	19.6
10 28	1 48.85	− 3 59.3	1.784	2.747	6.4	19.6
11 7	1 41.00	− 4 2.5	1.823	2.746	9.2	19.8
11 17	1 34.56	− 3 47.4	1.887	2.746	12.3	20.0
11 27	1 30.15	− 3 14.3	1.972	2.746	15.1	20.2
221670 2007 CB_{56}		10 23.5 329°.95 2°.0/22.1 18				
9 18	2 14.24	+10 36.0	1.236	2.109	17.7	19.7
9 28	2 11.28	+ 9 51.0	1.163	2.096	13.4	19.4
10 8	2 5.44	+ 8 51.4	1.109	2.083	8.4	19.1
10 18	1 57.46	+ 7 42.6	1.078	2.071	3.2	18.8
10 28	1 48.62	+ 6 33.7	1.072	2.060	4.0	18.8
11 7	1 40.44	+ 5 34.7	1.090	2.049	9.5	19.1
11 17	1 34.23	+ 4 53.7	1.131	2.040	14.7	19.3
11 27	1 30.92	+ 4 35.7	1.191	2.032	19.1	19.6
485299 2011 AM_{47}		10 23.5 338°.33 5°.9/18.2 18				
9 18	2 13.77	− 2 26.3	1.895	2.759	12.9	20.6
9 28	2 9.82	− 3 31.3	1.829	2.752	10.0	20.5
10 8	2 3.97	− 4 35.2	1.786	2.746	7.2	20.3
10 18	1 56.80	− 5 31.3	1.770	2.740	5.9	20.2
10 28	1 49.21	− 6 13.0	1.780	2.735	7.1	20.3
11 7	1 42.11	− 6 35.5	1.816	2.730	9.9	20.4
11 17	1 36.34	− 6 36.5	1.876	2.725	12.9	20.6
11 27	1 32.52	− 6 16.0	1.958	2.721	15.6	20.8
481896 2009 AF_{44}		10 23.5 275°.53 4°.3/19.7 18				
9 18	2 15.86	+ 3 5.9	1.807	2.666	13.6	21.2
9 28	2 11.55	+ 2 1.0	1.732	2.657	10.3	21.0
10 8	2 5.13	+ 0 51.5	1.680	2.648	6.8	20.7
10 18	1 57.25	− 0 16.3	1.655	2.638	4.4	20.6
10 28	1 48.84	− 1 14.9	1.657	2.629	5.7	20.7
11 7	1 40.93	− 1 58.0	1.687	2.620	9.1	20.8
11 17	1 34.44	− 2 21.5	1.741	2.610	12.7	21.0
11 27	1 30.06	− 2 23.8	1.817	2.601	15.8	21.2
27411 Laurenhall		10 23.5 105°.47 2°.1/25.2 18				
9 18	2 19.00	+20 7.2	1.614	2.438	16.7	18.5
9 28	2 14.13	+19 38.7	1.547	2.447	13.0	18.3
10 8	2 6.81	+18 51.0	1.501	2.457	8.7	18.0
10 18	1 57.85	+17 46.2	1.479	2.466	4.2	17.8
10 28	1 48.41	+16 30.1	1.485	2.475	2.5	17.7
11 7	1 39.75	+15 11.0	1.519	2.484	6.6	18.0
11 17	1 32.90	+13 57.3	1.579	2.493	10.9	18.3
11 27	1 28.55	+12 56.4	1.662	2.501	14.6	18.5
26717 Jasonye		10 23.5 115°.51 0°.1/23.6 17				
9 18	2 22.82	+13 14.7	1.645	2.480	15.9	19.4
9 28	2 16.86	+13 5.2	1.582	2.493	12.1	19.2
10 8	2 8.47	+12 44.4	1.541	2.505	7.6	19.0
10 18	1 58.44	+12 14.8	1.525	2.517	2.8	18.7
10 28	1 47.95	+11 40.9	1.538	2.528	2.2	18.7
11 7	1 38.25	+11 8.5	1.578	2.539	6.9	19.0
11 17	1 30.37	+10 43.0	1.645	2.550	11.2	19.3
11 27	1 25.04	+10 28.7	1.735	2.560	14.8	19.6
520533 2014 MW_{74}		10 23.5 45°.81 2°.7/25.6 18				
9 18	2 19.37	+19 19.8	1.930	2.744	14.7	20.9
9 28	2 14.14	+19 41.0	1.859	2.752	11.5	20.8
10 8	2 6.74	+19 48.9	1.809	2.760	7.9	20.6
10 18	1 57.84	+19 43.5	1.785	2.768	4.3	20.4
10 28	1 48.43	+19 26.8	1.789	2.776	2.9	20.3
11 7	1 39.60	+19 3.0	1.822	2.785	5.9	20.5
11 17	1 32.29	+18 37.1	1.881	2.794	9.5	20.7
11 27	1 27.20	+18 14.7	1.965	2.803	12.7	21.0
70012 1998 XC_{78}		10 23.5 342°.31 2°.3/21.2 18				
9 18	2 10.54	+10 7.7	1.758	2.618	13.9	18.3
9 28	2 7.63	+ 8 51.7	1.681	2.608	10.4	18.1
10 8	2 2.71	+ 7 23.6	1.627	2.599	6.4	17.8
10 18	1 56.40	+ 5 49.3	1.599	2.590	2.7	17.6
10 28	1 49.59	+ 4 17.1	1.599	2.583	3.9	17.6
11 7	1 43.27	+ 2 55.5	1.626	2.576	7.9	17.9
11 17	1 38.31	+ 1 51.0	1.678	2.569	11.8	18.1
11 27	1 35.37	+ 1 7.9	1.753	2.564	15.2	18.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
163712 2003 GB_7		10 23.5 195°.16 1°.5/22.4 17				
	h m	° ′			°	m
9 18	2 21.03	+11 15.2	1.591	2.436	15.9	21.7
9 28	2 15.73	+10 26.6	1.517	2.435	12.0	21.5
10 8	2 7.90	+ 9 25.5	1.464	2.433	7.5	21.2
10 18	1 58.29	+ 8 16.5	1.437	2.430	2.7	20.9
10 28	1 48.06	+ 7 7.0	1.438	2.426	3.3	20.9
11 7	1 38.51	+ 6 5.0	1.467	2.422	8.1	21.2
11 17	1 30.73	+ 5 17.3	1.522	2.417	12.5	21.5
11 27	1 25.52	+ 4 48.3	1.598	2.412	16.4	21.7
267066 1999 RR_{30}		10 23.5 1°.83 26°.6/11.9 18				
9 18	2 26.70	+49 3.8	0.955	1.680	31.9	18.8
9 28	2 25.31	+53 49.1	0.912	1.675	30.5	18.6
10 8	2 17.55	+57 57.6	0.881	1.672	29.1	18.5
10 18	2 2.97	+61 8.4	0.862	1.672	27.9	18.4
10 28	1 43.55	+63 3.1	0.856	1.676	27.1	18.4
11 7	1 24.05	+63 36.3	0.861	1.682	26.6	18.4
11 17	1 9.83	+62 57.6	0.877	1.691	26.6	18.5
11 27	1 4.23	+61 27.9	0.904	1.702	27.0	18.5
162086 1998 KT_{42}		10 23.5 72°.79 4°.5/19.7 18				
9 18	2 16.81	+ 3 28.7	1.636	2.499	14.6	20.0
9 28	2 12.19	+ 2 12.2	1.586	2.513	10.9	19.8
10 8	2 5.43	+ 0 52.0	1.560	2.528	7.1	19.6
10 18	1 57.33	− 0 24.4	1.559	2.542	4.6	19.5
10 28	1 48.91	− 1 28.9	1.585	2.556	6.0	19.6
11 7	1 41.25	− 2 15.4	1.638	2.571	9.4	19.8
11 17	1 35.22	− 2 40.3	1.716	2.585	12.8	20.1
11 27	1 31.42	− 2 43.0	1.814	2.599	15.8	20.3
68256 2001 DE_{100}		10 23.5 98°.53 0°.2/23.3 18				
9 18	2 21.31	+14 36.6	1.609	2.445	16.2	19.5
9 28	2 15.60	+13 49.7	1.556	2.468	12.2	19.4
10 8	2 7.57	+12 48.8	1.525	2.490	7.6	19.1
10 18	1 58.09	+11 38.5	1.520	2.512	2.7	18.9
10 28	1 48.32	+10 25.5	1.543	2.533	2.3	18.9
11 7	1 39.46	+ 9 18.0	1.594	2.553	7.0	19.3
11 17	1 32.45	+ 8 22.4	1.671	2.573	11.2	19.6
11 27	1 27.90	+ 7 43.3	1.772	2.593	14.7	19.8
297964 2002 HK_6		10 23.5 125°.47 0°.8/22.7 16				
9 18	2 18.60	+12 4.4	2.141	2.972	12.9	22.2
9 28	2 13.12	+11 20.1	2.077	2.988	9.6	22.0
10 8	2 5.86	+10 26.5	2.038	3.004	6.0	21.8
10 18	1 57.47	+ 9 27.4	2.027	3.019	2.1	21.6
10 28	1 48.80	+ 8 27.9	2.045	3.033	2.3	21.6
11 7	1 40.73	+ 7 33.5	2.093	3.047	6.0	21.9
11 17	1 34.02	+ 6 48.9	2.168	3.061	9.5	22.1
11 27	1 29.21	+ 6 17.5	2.269	3.074	12.4	22.4
108458 2001 KA_{53}		10 23.5 123°.31 3°.0/26.6 18				
9 18	2 17.92	+24 3.1	2.120	2.911	14.3	20.1
9 28	2 12.82	+23 37.0	2.046	2.923	11.4	19.9
10 8	2 5.78	+22 53.0	1.995	2.935	8.0	19.7
10 18	1 57.47	+21 52.2	1.970	2.947	4.6	19.5
10 28	1 48.80	+20 38.6	1.973	2.958	3.0	19.4
11 7	1 40.76	+19 18.4	2.006	2.969	5.5	19.6
11 17	1 34.15	+17 58.9	2.067	2.979	8.8	19.8
11 27	1 29.56	+16 46.8	2.154	2.989	11.9	20.1
404711 2014 JQ_6		10 23.5 18°.34 2°.8/21.5 18				
9 18	2 18.26	+ 5 32.3	1.776	2.629	14.1	20.2
9 28	2 13.33	+ 5 6.1	1.708	2.630	10.6	20.0
10 8	2 6.23	+ 4 35.6	1.663	2.632	6.7	19.8
10 18	1 57.67	+ 4 4.9	1.643	2.633	3.2	19.6
10 28	1 48.63	+ 3 39.3	1.652	2.634	4.1	19.7
11 7	1 40.19	+ 3 23.7	1.688	2.636	7.8	19.9
11 17	1 33.28	+ 3 21.2	1.750	2.638	11.6	20.1
11 27	1 28.57	+ 3 33.6	1.834	2.640	14.9	20.4
241190 2007 RF_{317}		10 23.5 338°.88 1°.1/22.7 18				
9 18	2 15.82	+11 44.4	1.627	2.479	15.2	20.6
9 28	2 11.76	+11 6.1	1.554	2.475	11.5	20.3
10 8	2 5.39	+10 15.8	1.502	2.472	7.2	20.1
10 18	1 57.40	+ 9 17.9	1.476	2.469	2.5	19.8
10 28	1 48.84	+ 8 18.6	1.477	2.466	2.8	19.8
11 7	1 40.88	+ 7 25.3	1.505	2.464	7.5	20.1
11 17	1 34.52	+ 6 44.1	1.559	2.462	11.8	20.3
11 27	1 30.51	+ 6 19.4	1.634	2.460	15.5	20.6
289292 2004 YP_{17}		10 23.5 2°.80 3°.0/21.6 18				
9 18	2 14.67	+ 7 28.4	1.272	2.148	17.1	19.6
9 28	2 11.34	+ 6 48.3	1.212	2.147	12.9	19.3
10 8	2 5.31	+ 5 59.4	1.172	2.146	8.1	19.1
10 18	1 57.39	+ 5 7.8	1.156	2.147	3.6	18.8
10 28	1 48.86	+ 4 21.7	1.164	2.149	4.7	18.9
11 7	1 41.11	+ 3 48.6	1.196	2.152	9.4	19.2
11 17	1 35.30	+ 3 33.9	1.252	2.156	14.0	19.5
11 27	1 32.21	+ 3 39.9	1.328	2.160	18.0	19.7

108150 2001 HK_2 10 23.5 143°.88 1°.2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.99	+ 9 36.4	2.177	3.012	12.5	20.3
9 28	2 13.46	+ 9 10.1	2.108	3.021	9.4	20.1
10 8	2 6.13	+ 8 36.9	2.062	3.029	5.8	19.9
10 18	1 57.60	+ 8 0.1	2.045	3.037	2.1	19.7
10 28	1 48.71	+ 7 23.9	2.056	3.044	2.5	19.8
11 7	1 40.37	+ 6 52.8	2.098	3.051	6.2	20.0
11 17	1 33.33	+ 6 30.4	2.167	3.057	9.6	20.2
11 27	1 28.18	+ 6 19.7	2.260	3.063	12.5	20.4

443342 2014 GM_{13} 10 23.5 169°.86 0°.1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.23	+14 1.1	2.193	3.018	12.8	22.2
9 28	2 12.98	+13 34.9	2.115	3.021	9.7	22.0
10 8	2 5.88	+12 58.4	2.061	3.024	6.1	21.8
10 18	1 57.53	+12 14.1	2.035	3.026	2.2	21.5
10 28	1 48.77	+11 26.0	2.037	3.028	1.8	21.5
11 7	1 40.51	+10 39.4	2.070	3.029	5.7	21.7
11 17	1 33.53	+ 9 59.0	2.130	3.030	9.2	22.0
11 27	1 28.45	+ 9 28.9	2.216	3.031	12.3	22.2

455004 2015 TS_{254} 10 23.5 12°.85 1°.8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.99	+ 8 53.0	1.801	2.655	13.9	21.2
9 28	2 10.85	+ 8 16.5	1.734	2.657	10.4	21.0
10 8	2 4.67	+ 7 32.2	1.689	2.659	6.5	20.8
10 18	1 57.11	+ 6 44.4	1.670	2.662	2.6	20.5
10 28	1 49.11	+ 5 58.7	1.678	2.664	3.3	20.6
11 7	1 41.69	+ 5 21.0	1.714	2.668	7.2	20.8
11 17	1 35.70	+ 4 55.6	1.776	2.672	11.0	21.1
11 27	1 31.80	+ 4 45.6	1.861	2.676	14.3	21.3

477915 2011 NO 10 23.5 76°.61 2°.3/25.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.21	+23 26.2	1.706	2.514	16.6	20.8
9 28	2 13.23	+22 23.6	1.649	2.539	12.9	20.7
10 8	2 6.07	+20 58.8	1.613	2.563	8.7	20.5
10 18	1 57.56	+19 15.6	1.604	2.588	4.4	20.3
10 28	1 48.82	+17 21.6	1.622	2.612	2.5	20.2
11 7	1 40.97	+15 26.8	1.670	2.635	6.1	20.5
11 17	1 34.88	+13 40.6	1.745	2.659	10.1	20.8
11 27	1 31.10	+12 10.5	1.845	2.682	13.5	21.1

316433 2010 TP_{168} 10 23.5 27°.79 0°.9/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.94	+14 8.6	1.908	2.740	14.2	19.8
9 28	2 13.80	+14 19.1	1.836	2.744	10.8	19.6
10 8	2 6.53	+14 20.0	1.786	2.748	7.0	19.4
10 18	1 57.79	+14 12.4	1.762	2.752	2.8	19.1
10 28	1 48.55	+13 59.1	1.766	2.757	1.9	19.1
11 7	1 39.87	+13 44.2	1.799	2.762	6.0	19.4
11 17	1 32.66	+13 31.9	1.859	2.767	9.8	19.6
11 27	1 27.62	+13 26.2	1.942	2.773	13.2	19.8

326249 2012 DM_{26} 10 23.5 79°.44 4°.6/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.90	+ 4 7.5	1.377	2.242	16.7	20.5
9 28	2 15.51	+ 2 57.4	1.335	2.263	12.5	20.3
10 8	2 7.60	+ 1 43.2	1.315	2.284	8.0	20.2
10 18	1 58.13	+ 0 33.0	1.319	2.305	4.8	20.0
10 28	1 48.39	− 0 24.3	1.350	2.325	6.1	20.2
11 7	1 39.68	− 1 2.3	1.407	2.346	10.0	20.4
11 17	1 32.99	− 1 17.7	1.488	2.366	13.9	20.7
11 27	1 28.94	− 1 10.4	1.589	2.386	17.2	21.0

208915 Andrewashcraft 10 23.5 89°.16 5°.3/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.15	+ 0 9.8	1.875	2.735	13.2	20.3
9 28	2 11.47	− 1 11.5	1.825	2.748	10.0	20.1
10 8	2 4.91	− 2 33.3	1.799	2.762	6.9	20.0
10 18	1 57.16	− 3 48.4	1.800	2.775	5.3	19.9
10 28	1 49.13	− 4 49.7	1.828	2.788	6.5	20.0
11 7	1 41.75	− 5 31.9	1.884	2.801	9.4	20.2
11 17	1 35.80	− 5 52.4	1.964	2.814	12.3	20.5
11 27	1 31.84	− 5 51.4	2.066	2.827	14.9	20.7

195625 2002 LQ_{54} 10 23.5 67°.75 4°.0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.84	+28 27.5	2.272	3.043	14.1	19.6
9 28	2 10.45	+27 58.1	2.199	3.057	11.4	19.4
10 8	2 4.26	+27 8.9	2.147	3.071	8.5	19.3
10 18	1 56.93	+26 0.8	2.120	3.085	5.6	19.1
10 28	1 49.31	+24 37.3	2.122	3.100	4.0	19.1
11 7	1 42.28	+23 4.7	2.153	3.114	5.4	19.2
11 17	1 36.57	+21 30.3	2.213	3.128	8.1	19.4
11 27	1 32.74	+20 1.3	2.299	3.142	10.9	19.6

382654 2002 SS_{46} 10 23.5 7°.56 1°.2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.85	+ 6 53.8	0.883	1.775	21.3	19.3
9 28	2 15.48	+ 7 37.8	0.834	1.775	16.2	19.0
10 8	2 8.39	+ 8 17.7	0.802	1.778	10.2	18.7
10 18	1 58.61	+ 8 55.3	0.790	1.783	3.7	18.4
10 28	1 47.96	+ 9 33.4	0.800	1.791	3.6	18.4
11 7	1 38.48	+10 15.0	0.832	1.800	9.9	18.8
11 17	1 31.77	+11 2.7	0.885	1.812	15.6	19.2
11 27	1 28.80	+11 58.6	0.956	1.826	20.3	19.5

288489 2004 FN_{41} 10 23.5 231°.66 3°.3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.23	+ 4 53.9	2.129	2.980	12.2	21.0
9 28	2 10.78	+ 3 49.0	2.052	2.974	9.1	20.8
10 8	2 4.54	+ 2 38.7	2.000	2.967	5.9	20.6
10 18	1 57.08	+ 1 28.2	1.975	2.960	3.4	20.5
10 28	1 49.19	+ 0 24.0	1.978	2.953	4.6	20.5
11 7	1 41.74	− 0 28.3	2.011	2.946	7.7	20.7
11 17	1 35.49	− 1 4.5	2.069	2.938	11.0	20.9
11 27	1 31.06	− 1 22.5	2.151	2.930	13.8	21.1

446424 2014 JZ_{27} 10 23.5 301°.19 3°.6/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.44	+ 8 46.7	1.740	2.599	14.1	20.6
9 28	2 9.80	+ 6 49.5	1.665	2.592	10.5	20.3
10 8	2 4.09	+ 4 38.9	1.615	2.586	6.6	20.1
10 18	1 56.94	+ 2 23.4	1.591	2.579	3.7	19.9
10 28	1 49.32	+ 0 13.9	1.597	2.573	5.3	20.0
11 7	1 42.23	− 1 39.1	1.631	2.567	9.2	20.2
11 17	1 36.58	− 3 8.3	1.691	2.561	13.0	20.4
11 27	1 33.04	− 4 9.7	1.773	2.555	16.2	20.7

284281 2006 JW_{45} 10 23.5 141°.34 3°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.72	+23 30.1	2.158	2.948	14.2	21.4
9 28	2 14.22	+23 25.3	2.082	2.957	11.3	21.2
10 8	2 6.71	+23 4.0	2.028	2.967	8.0	21.1
10 18	1 57.86	+22 26.7	2.000	2.975	4.7	20.9
10 28	1 48.59	+21 36.1	2.000	2.984	3.3	20.8
11 7	1 39.89	+20 37.5	2.029	2.991	5.6	21.0
11 17	1 32.62	+19 36.9	2.087	2.999	8.8	21.2
11 27	1 27.41	+18 40.9	2.171	3.005	11.8	21.4

217672 1998 UD_{28} 10 23.5 14°.66 2°.1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 27.57	+ 3 16.1	1.859	2.695	14.3	18.9
9 28	2 20.28	+ 3 56.4	1.786	2.698	10.9	18.7
10 8	2 10.61	+ 4 37.9	1.737	2.702	6.9	18.5
10 18	1 59.30	+ 5 21.8	1.716	2.707	2.9	18.2
10 28	1 47.43	+ 6 9.5	1.725	2.711	3.2	18.3
11 7	1 36.23	+ 7 1.7	1.765	2.717	7.2	18.5
11 17	1 26.70	+ 7 58.9	1.832	2.723	11.0	18.8
11 27	1 19.62	+ 9 1.5	1.925	2.729	14.3	19.0

333341 2001 SD_{104} 10 23.5 111°.32 0°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.01	+13 27.8	1.614	2.459	15.7	20.8
9 28	2 13.33	+12 36.6	1.549	2.466	11.8	20.5
10 8	2 6.32	+11 31.3	1.505	2.473	7.4	20.3
10 18	1 57.74	+10 16.9	1.487	2.479	2.6	20.0
10 28	1 48.71	+ 9 0.4	1.496	2.486	2.6	20.0
11 7	1 40.40	+ 7 50.1	1.534	2.492	7.4	20.3
11 17	1 33.80	+ 6 52.9	1.597	2.499	11.6	20.6
11 27	1 29.59	+ 6 13.6	1.683	2.505	15.3	20.9

487085 2014 OH_{120} 10 23.5 348°.05 1°.2/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.71	+ 9 54.3	1.831	2.680	13.9	21.1
9 28	2 11.46	+ 9 34.2	1.756	2.676	10.5	20.9
10 8	2 5.12	+ 9 6.1	1.704	2.673	6.5	20.7
10 18	1 57.33	+ 8 33.3	1.677	2.670	2.4	20.4
10 28	1 49.02	+ 8 0.4	1.679	2.667	2.7	20.4
11 7	1 41.23	+ 7 32.7	1.707	2.665	6.9	20.7
11 17	1 34.86	+ 7 14.6	1.762	2.663	10.8	20.9
11 27	1 30.60	+ 7 9.2	1.840	2.662	14.2	21.2

132615 2002 LM_1 10 23.5 117°.40 1°.3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.25	+10 52.6	2.000	2.838	13.4	21.0
9 28	2 13.01	+10 5.4	1.938	2.853	10.0	20.9
10 8	2 5.88	+ 9 9.2	1.900	2.867	6.2	20.7
10 18	1 57.54	+ 8 8.4	1.889	2.881	2.2	20.4
10 28	1 48.91	+ 7 8.5	1.907	2.895	2.7	20.5
11 7	1 40.90	+ 6 15.4	1.955	2.908	6.5	20.8
11 17	1 34.31	+ 5 33.8	2.029	2.921	10.1	21.0
11 27	1 29.72	+ 5 6.8	2.128	2.933	13.1	21.2

109556 2001 QZ_{260} 10 23.5 42°.25 2°.7/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.65	+20 42.6	1.412	2.245	18.2	19.3
9 28	2 13.50	+20 25.9	1.347	2.252	14.2	19.1
10 8	2 6.63	+19 47.9	1.303	2.259	9.7	18.9
10 18	1 57.91	+18 50.3	1.281	2.267	4.9	18.6
10 28	1 48.60	+17 38.7	1.285	2.274	3.0	18.5
11 7	1 40.13	+16 22.1	1.315	2.283	7.1	18.8
11 17	1 33.64	+15 9.9	1.371	2.291	11.7	19.1
11 27	1 29.89	+14 10.3	1.449	2.300	15.7	19.4

25688 Hritzo 10 23.5 161°.83 1°.4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.69	+18 52.7	2.527	3.335	11.8	18.9
9 28	2 10.17	+18 29.4	2.445	3.338	9.1	18.8
10 8	2 4.07	+17 54.1	2.386	3.340	6.1	18.6
10 18	1 56.91	+17 8.4	2.355	3.341	2.9	18.4
10 28	1 49.39	+16 15.5	2.353	3.343	1.7	18.3
11 7	1 42.29	+15 20.1	2.381	3.344	4.7	18.5
11 17	1 36.27	+14 26.9	2.438	3.346	7.9	18.7
11 27	1 31.86	+13 40.6	2.520	3.347	10.6	18.9

455057 2015 UH_{19} 10 23.5 329°.04 0°.6/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.98	+12 3.9	1.773	2.621	14.4	21.7
9 28	2 11.05	+11 38.1	1.692	2.611	10.9	21.5
10 8	2 4.95	+11 1.6	1.634	2.603	6.8	21.3
10 18	1 57.30	+10 17.4	1.601	2.594	2.4	21.0
10 28	1 49.06	+ 9 30.8	1.596	2.586	2.4	20.9
11 7	1 41.31	+ 8 47.9	1.618	2.579	6.9	21.2
11 17	1 35.01	+ 8 14.2	1.666	2.571	11.0	21.4
11 27	1 30.88	+ 7 54.0	1.737	2.565	14.6	21.7

397992 2009 BS_{114} 10 23.5 216°.13 1°.5/22.2 18

9 18	2 18.18	+ 8 58.9	2.075	2.915	12.9	21.8
9 28	2 13.09	+ 8 29.0	1.994	2.910	9.7	21.6
10 8	2 6.05	+ 7 52.0	1.938	2.905	6.0	21.3
10 18	1 57.66	+ 7 11.2	1.908	2.900	2.3	21.1
10 28	1 48.78	+ 6 31.4	1.907	2.894	2.9	21.1
11 7	1 40.37	+ 5 57.5	1.936	2.888	6.7	21.3
11 17	1 33.26	+ 5 33.7	1.991	2.881	10.3	21.6
11 27	1 28.11	+ 5 23.0	2.070	2.875	13.4	21.8

285481 2000 BT_{42} 10 23.5 354°.23 0°.9/22.9 16

9 18	2 13.74	+11 32.8	1.285	2.154	17.4	20.6
9 28	2 10.76	+11 9.9	1.218	2.148	13.2	20.4
10 8	2 5.06	+10 34.1	1.171	2.143	8.3	20.1
10 18	1 57.39	+ 9 49.6	1.146	2.139	2.9	19.7
10 28	1 49.01	+ 9 3.2	1.147	2.137	3.0	19.8
11 7	1 41.32	+ 8 22.8	1.172	2.136	8.4	20.1
11 17	1 35.55	+ 7 55.3	1.220	2.135	13.3	20.4
11 27	1 32.52	+ 7 45.2	1.289	2.137	17.5	20.6

189934 2003 SW_{213} 10 23.5 356°.74 12°.9/ 9.4 18

9 18	2 16.97	−27 27.9	2.065	2.866	14.3	19.4
9 28	2 12.16	−28 55.6	2.033	2.864	13.3	19.3
10 8	2 5.40	−30 2.4	2.022	2.863	12.9	19.3
10 18	1 57.38	−30 40.7	2.032	2.862	13.1	19.3
10 28	1 49.06	−30 45.7	2.064	2.862	14.0	19.4
11 7	1 41.43	−30 16.7	2.115	2.861	15.2	19.5
11 17	1 35.29	−29 15.9	2.184	2.862	16.6	19.6
11 27	1 31.20	−27 48.3	2.269	2.862	17.8	19.7

374908 2006 XR_{10} 10 23.5 309°.78 1°.0/22.9 18

9 18	2 18.17	+10 58.4	1.325	2.187	17.5	20.9
9 28	2 14.33	+10 44.8	1.241	2.167	13.4	20.6
10 8	2 7.49	+10 19.2	1.177	2.148	8.5	20.3
10 18	1 58.36	+ 9 45.0	1.137	2.130	3.1	19.9
10 28	1 48.17	+ 9 7.8	1.122	2.112	3.1	19.9
11 7	1 38.49	+ 8 35.3	1.132	2.094	8.8	20.2
11 17	1 30.74	+ 8 14.2	1.165	2.077	14.1	20.4
11 27	1 25.96	+ 8 9.9	1.219	2.061	18.7	20.7

275392 2011 BG_{14} 10 23.5 272°.77 2°.1/21.4 17

9 18	2 14.45	+ 6 45.8	2.401	3.245	11.2	21.4
9 28	2 10.09	+ 6 7.0	2.313	3.231	8.4	21.1
10 8	2 4.09	+ 5 23.0	2.250	3.218	5.3	20.9
10 18	1 56.95	+ 4 37.2	2.214	3.204	2.5	20.7
10 28	1 49.37	+ 3 54.1	2.208	3.190	3.3	20.8
11 7	1 42.13	+ 3 18.4	2.231	3.176	6.4	20.9
11 17	1 35.92	+ 2 53.5	2.281	3.162	9.6	21.1
11 27	1 31.34	+ 2 42.0	2.355	3.148	12.4	21.3

475310 2005 YU_{29} 10 23.5 0°.51 3°.4/25.5 17

9 18	2 15.54	+18 38.9	1.120	1.979	20.2	20.4
9 28	2 12.64	+19 6.3	1.057	1.975	15.9	20.2
10 8	2 6.50	+19 14.3	1.011	1.973	10.9	19.9
10 18	1 57.98	+19 2.3	0.986	1.973	5.7	19.6
10 28	1 48.55	+18 33.6	0.985	1.974	3.8	19.5
11 7	1 39.96	+17 55.7	1.006	1.976	8.2	19.8
11 17	1 33.65	+17 17.6	1.051	1.980	13.4	20.1
11 27	1 30.62	+16 48.2	1.115	1.986	17.9	20.4

175078 2004 GJ_{56} 10 23.5 190°.15 1°.3/24.7 18

9 18	2 17.45	+17 7.5	2.072	2.892	13.6	20.9
9 28	2 12.60	+16 56.2	1.992	2.892	10.5	20.7
10 8	2 5.77	+16 32.4	1.934	2.892	6.9	20.5
10 18	1 57.57	+15 57.5	1.903	2.891	3.1	20.2
10 28	1 48.89	+15 15.2	1.900	2.891	1.9	20.1
11 7	1 40.70	+14 30.4	1.926	2.890	5.6	20.4
11 17	1 33.85	+13 48.5	1.980	2.889	9.3	20.6
11 27	1 29.00	+13 14.6	2.058	2.888	12.6	20.8

1700 Zvezdara 10 23.5 10°.39 3°.0/25.0 18

9 18	2 16.18	+16 36.5	0.957	1.831	21.6	14.7
9 28	2 13.38	+17 14.5	0.906	1.834	16.9	14.5
10 8	2 7.05	+17 33.9	0.871	1.838	11.3	14.2
10 18	1 58.17	+17 34.6	0.856	1.845	5.5	13.9
10 28	1 48.44	+17 19.9	0.863	1.853	3.6	13.8
11 7	1 39.78	+16 57.4	0.892	1.863	8.8	14.2
11 17	1 33.71	+16 35.8	0.943	1.875	14.2	14.5
11 27	1 31.18	+16 23.0	1.012	1.889	18.9	14.8

46238 2001 HE_{10} 10 23.5 38°.33 5°.0/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.24	+23 19.7	1.228	2.058	20.5	17.9
9 28	2 15.88	+23 45.3	1.171	2.069	16.4	17.7
10 8	2 8.34	+23 47.1	1.132	2.080	11.8	17.5
10 18	1 58.58	+23 23.8	1.115	2.093	7.2	17.3
10 28	1 48.14	+22 38.6	1.121	2.106	5.1	17.2
11 7	1 38.71	+21 39.6	1.153	2.119	8.1	17.4
11 17	1 31.65	+20 37.3	1.208	2.133	12.5	17.7
11 27	1 27.81	+19 41.9	1.285	2.148	16.6	18.0

361251 2006 SY_{273} 10 23.5 258°.07 2°.9/21.4 18

9 18	2 20.56	+ 3 21.0	2.103	2.946	12.6	20.8
9 28	2 14.87	+ 3 9.6	2.021	2.937	9.5	20.6
10 8	2 7.19	+ 2 56.6	1.962	2.928	6.1	20.4
10 18	1 58.10	+ 2 45.5	1.931	2.918	3.2	20.2
10 28	1 48.48	+ 2 39.9	1.929	2.909	4.0	20.2
11 7	1 39.29	+ 2 43.4	1.956	2.899	7.3	20.4
11 17	1 31.41	+ 2 58.1	2.010	2.890	10.8	20.6
11 27	1 25.53	+ 3 25.2	2.088	2.880	13.8	20.8

6094 Hisako 10 23.5 94°.23 1°.4/24.9 18

9 18	2 17.10	+19 51.8	1.853	2.672	15.1	16.7
9 28	2 12.37	+19 1.7	1.788	2.686	11.6	16.5
10 8	2 5.58	+17 53.8	1.745	2.701	7.6	16.3
10 18	1 57.48	+16 31.7	1.727	2.715	3.4	16.1
10 28	1 49.04	+15 1.3	1.739	2.729	2.0	16.0
11 7	1 41.30	+13 30.8	1.779	2.743	5.9	16.3
11 17	1 35.12	+12 8.0	1.847	2.757	9.8	16.6
11 27	1 31.08	+10 59.0	1.939	2.770	13.2	16.8

349743 2008 YB_{134} 10 23.5 271°.12 1°.8/22.2 18

9 18	2 18.30	+ 8 47.4	1.778	2.627	14.3	22.0
9 28	2 13.56	+ 8 18.0	1.695	2.616	10.8	21.7
10 8	2 6.55	+ 7 40.4	1.635	2.604	6.8	21.5
10 18	1 57.91	+ 6 58.5	1.601	2.593	2.7	21.2
10 28	1 48.63	+ 6 17.8	1.595	2.581	3.3	21.2
11 7	1 39.82	+ 5 44.0	1.616	2.570	7.6	21.4
11 17	1 32.50	+ 5 22.0	1.663	2.558	11.7	21.7
11 27	1 27.44	+ 5 15.3	1.733	2.546	15.3	21.9

512052 2015 MK_{92} 10 23.5 137°.84 4°.6/20.0 18

9 18	2 19.83	+ 1 39.6	1.747	2.602	14.2	21.3
9 28	2 14.48	+ 0 47.5	1.686	2.608	10.7	21.1
10 8	2 6.95	− 0 6.4	1.649	2.614	7.1	20.9
10 18	1 57.99	− 0 55.9	1.637	2.619	4.7	20.8
10 28	1 48.62	− 1 34.4	1.654	2.625	5.8	20.9
11 7	1 39.93	− 1 56.9	1.698	2.629	9.2	21.1
11 17	1 32.84	− 2 0.7	1.766	2.634	12.6	21.3
11 27	1 27.99	− 1 45.2	1.857	2.638	15.6	21.5

381079 2007 BB_{30} 10 23.5 254°.95 4°.6/26.8 18

9 18	2 21.67	+24 10.0	1.785	2.581	16.4	21.6
9 28	2 16.50	+24 30.6	1.689	2.566	13.4	21.4
10 8	2 8.64	+24 32.9	1.613	2.551	9.8	21.1
10 18	1 58.75	+24 15.1	1.562	2.535	6.2	20.9
10 28	1 47.92	+23 38.0	1.538	2.518	4.6	20.7
11 7	1 37.49	+22 46.4	1.541	2.502	7.1	20.9
11 17	1 28.71	+21 47.8	1.570	2.485	10.9	21.0
11 27	1 22.55	+20 50.9	1.624	2.467	14.7	21.2

288193 2003 XZ_{17} 10 23.5 344°.78 9°.4/29.9 18

9 18	2 17.56	+31 52.5	1.437	2.222	20.2	19.5
9 28	2 14.14	+33 3.6	1.357	2.212	17.4	19.3
10 8	2 7.53	+33 50.1	1.295	2.203	14.2	19.1
10 18	1 58.43	+34 6.0	1.252	2.195	11.2	18.9
10 28	1 48.18	+33 48.8	1.232	2.188	9.5	18.8
11 7	1 38.48	+33 2.0	1.235	2.182	10.3	18.8
11 17	1 30.90	+31 54.4	1.262	2.177	13.0	19.0
11 27	1 26.56	+30 38.2	1.310	2.173	16.3	19.1

55376 2001 SM_{250} 10 23.5 145°.25 2°.2/21.7 18

9 18	2 18.33	+ 9 23.2	1.771	2.618	14.4	19.2
9 28	2 13.38	+ 8 24.8	1.704	2.624	10.8	19.0
10 8	2 6.29	+ 7 16.8	1.661	2.630	6.7	18.8
10 18	1 57.77	+ 6 4.7	1.644	2.635	2.8	18.6
10 28	1 48.82	+ 4 55.5	1.656	2.640	3.6	18.6
11 7	1 40.53	+ 3 56.2	1.695	2.645	7.7	18.9
11 17	1 33.79	+ 3 12.2	1.761	2.649	11.5	19.2
11 27	1 29.26	+ 2 46.6	1.850	2.653	14.9	19.4

239122 2006 HG_{113} 10 23.5 305°.78 3°.0/21.0 18

9 18	2 14.38	+ 8 34.0	1.586	2.448	15.1	19.7
9 28	2 10.82	+ 7 23.0	1.506	2.434	11.3	19.4
10 8	2 4.93	+ 6 0.1	1.449	2.421	7.1	19.1
10 18	1 57.35	+ 4 31.7	1.418	2.408	3.3	18.9
10 28	1 49.11	+ 3 6.8	1.413	2.395	4.6	18.9
11 7	1 41.40	+ 1 54.2	1.435	2.383	9.0	19.2
11 17	1 35.25	+ 1 0.9	1.481	2.370	13.2	19.4
11 27	1 31.44	+ 0 30.9	1.549	2.358	17.0	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
399858 2005 UC_{294}			10 23.5	49°.99	2°.7/26.3	18
	h m	° ′			°	m
9 18	2 14.97	+22 59.5	2.129	2.930	14.0	21.1
9 28	2 10.73	+22 32.3	2.047	2.931	11.1	20.9
10 8	2 4.59	+21 47.7	1.987	2.931	7.7	20.7
10 18	1 57.16	+20 46.9	1.952	2.932	4.3	20.5
10 28	1 49.29	+19 33.8	1.946	2.933	2.7	20.4
11 7	1 41.93	+18 14.7	1.969	2.934	5.4	20.5
11 17	1 35.89	+16 56.4	2.020	2.934	8.8	20.8
11 27	1 31.78	+15 45.7	2.096	2.935	12.0	21.0
8357 O′Connor			10 23.5	38°.11	1°.5/24.5	18
9 18	2 18.81	+16 48.5	1.098	1.958	20.4	16.5
9 28	2 14.80	+16 36.5	1.050	1.972	15.7	16.2
10 8	2 7.62	+16 4.5	1.019	1.986	10.2	16.0
10 18	1 58.30	+15 15.7	1.010	2.001	4.3	15.7
10 28	1 48.45	+14 17.1	1.026	2.017	2.6	15.7
11 7	1 39.73	+13 18.7	1.065	2.034	8.2	16.1
11 17	1 33.42	+12 29.6	1.128	2.051	13.4	16.4
11 27	1 30.30	+11 56.8	1.211	2.068	17.7	16.7
1894 Haffner			10 23.5	12°.59	0°.4/23.9	18
9 18	2 15.84	+14 46.2	1.847	2.685	14.3	16.3
9 28	2 11.56	+14 25.1	1.774	2.686	10.9	16.1
10 8	2 5.20	+13 51.9	1.723	2.687	7.0	15.8
10 18	1 57.40	+13 9.0	1.697	2.689	2.7	15.6
10 28	1 49.12	+12 21.1	1.700	2.691	1.9	15.5
11 7	1 41.39	+11 34.1	1.730	2.693	6.2	15.8
11 17	1 35.11	+10 53.7	1.787	2.695	10.2	16.1
11 27	1 30.95	+10 24.5	1.867	2.698	13.6	16.3
509401 2007 DX_{38}			10 23.5	248°.39	1°.3/22.5	18
9 18	2 19.13	+10 35.8	1.752	2.597	14.7	22.0
9 28	2 14.25	+10 1.4	1.668	2.585	11.1	21.8
10 8	2 7.03	+ 9 16.5	1.606	2.574	7.0	21.5
10 18	1 58.11	+ 8 24.8	1.569	2.562	2.6	21.2
10 28	1 48.52	+ 7 32.3	1.561	2.549	3.0	21.2
11 7	1 39.41	+ 6 45.3	1.581	2.536	7.5	21.5
11 17	1 31.83	+ 6 9.9	1.626	2.523	11.8	21.7
11 27	1 26.58	+ 5 50.1	1.695	2.510	15.5	21.9
1306 Scythia			10 23.5	341°.57	6°.6/30.5	18
9 18	2 15.36	+33 32.2	2.126	2.872	15.7	14.5
9 28	2 11.33	+33 44.7	2.037	2.868	13.3	14.3
10 8	2 5.14	+33 34.9	1.968	2.863	10.7	14.1
10 18	1 57.41	+33 0.7	1.921	2.860	8.2	14.0
10 28	1 49.10	+32 3.0	1.901	2.856	6.7	13.9
11 7	1 41.29	+30 46.3	1.907	2.853	7.2	13.9
11 17	1 34.93	+29 18.0	1.940	2.851	9.4	14.0
11 27	1 30.76	+27 46.9	1.998	2.848	12.1	14.2
99944 2710 P–L			10 23.5	276°.15	0°.7/24.2	18
9 18	2 17.53	+14 27.3	2.320	3.142	12.3	19.3
9 28	2 12.57	+14 28.2	2.225	3.129	9.4	19.1
10 8	2 5.76	+14 20.2	2.155	3.115	6.1	18.9
10 18	1 57.62	+14 4.5	2.111	3.101	2.5	18.7
10 28	1 48.91	+13 43.7	2.096	3.087	1.7	18.6
11 7	1 40.53	+13 21.3	2.111	3.073	5.4	18.8
11 17	1 33.28	+13 1.4	2.154	3.059	8.9	19.0
11 27	1 27.84	+12 47.9	2.222	3.044	12.0	19.2
112277 2002 LO_{25}			10 23.6	129°.28	4°.8/20.2	18 R
9 18	2 22.78	+ 1 30.8	1.652	2.505	15.0	19.8
9 28	2 16.72	+ 0 37.7	1.598	2.518	11.3	19.6
10 8	2 8.36	− 0 16.6	1.566	2.531	7.5	19.4
10 18	1 58.51	− 1 5.8	1.561	2.543	4.9	19.3
10 28	1 48.30	− 1 43.0	1.584	2.554	6.1	19.4
11 7	1 38.91	− 2 3.3	1.633	2.565	9.5	19.6
11 17	1 31.29	− 2 4.1	1.708	2.575	13.0	19.9
11 27	1 26.10	− 1 45.5	1.804	2.584	16.1	20.1
392467 2011 CH_{67}			10 23.6	144°.71	0°.9/22.9	16
9 18	2 20.92	+11 22.1	1.790	2.628	14.7	21.9
9 28	2 15.34	+10 53.2	1.722	2.636	11.1	21.7
10 8	2 7.54	+10 14.5	1.677	2.643	6.9	21.4
10 18	1 58.24	+ 9 29.4	1.658	2.650	2.4	21.2
10 28	1 48.49	+ 8 43.3	1.667	2.657	2.6	21.2
11 7	1 39.41	+ 8 2.1	1.705	2.662	6.9	21.5
11 17	1 31.94	+ 7 30.8	1.770	2.668	10.9	21.8
11 27	1 26.77	+ 7 13.2	1.858	2.673	14.4	22.0
250481 2004 DU_{58}			10 23.6	111°.29	3°.5/20.3	18
9 18	2 16.45	+ 4 5.2	2.036	2.888	12.6	20.7
9 28	2 11.65	+ 3 5.1	1.976	2.898	9.4	20.5
10 8	2 5.06	+ 2 1.5	1.940	2.907	6.1	20.3
10 18	1 57.31	+ 0 59.6	1.932	2.917	3.6	20.2
10 28	1 49.25	+ 0 5.6	1.952	2.926	4.7	20.3
11 7	1 41.76	− 0 35.4	2.001	2.935	7.8	20.5
11 17	1 35.59	− 1 0.2	2.075	2.944	10.9	20.7
11 27	1 31.31	− 1 7.2	2.173	2.953	13.7	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
368858 2006 JB_{2}			10 23.6	137°.03	0°.9/22.9	17
	h m	° ′			°	m
9 18	2 24.02	+10 57.4	1.527	2.370	16.5	21.2
9 28	2 18.02	+10 40.1	1.463	2.379	12.5	21.0
10 8	2 9.38	+10 12.7	1.420	2.387	7.8	20.7
10 18	1 58.94	+ 9 38.5	1.403	2.395	2.8	20.4
10 28	1 47.96	+ 9 2.9	1.413	2.403	2.8	20.4
11 7	1 37.80	+ 8 32.2	1.451	2.410	7.7	20.8
11 17	1 29.59	+ 8 11.6	1.515	2.416	12.2	21.0
11 27	1 24.09	+ 8 4.9	1.601	2.422	16.0	21.3
86101 1999 RY_{107}			10 23.6	6°.30	1°.6/24.9	18
9 18	2 14.08	+18 38.8	1.805	2.634	14.9	18.6
9 28	2 10.33	+18 14.2	1.730	2.635	11.6	18.4
10 8	2 4.47	+17 33.5	1.677	2.636	7.7	18.2
10 18	1 57.16	+16 38.9	1.649	2.637	3.5	17.9
10 28	1 49.36	+15 35.2	1.648	2.639	2.1	17.8
11 7	1 42.12	+14 29.2	1.676	2.642	6.0	18.1
11 17	1 36.34	+13 27.8	1.729	2.644	10.0	18.3
11 27	1 32.71	+12 37.3	1.806	2.648	13.5	18.6
473375 2015 UY_{45}			10 23.6	309°.28	5°.4/19.1	18
9 18	2 17.36	− 3 9.0	2.074	2.927	12.4	20.9
9 28	2 12.41	− 3 49.0	2.006	2.922	9.6	20.7
10 8	2 5.61	− 4 26.4	1.961	2.918	6.9	20.5
10 18	1 57.54	− 4 56.1	1.942	2.913	5.4	20.4
10 28	1 49.06	− 5 12.9	1.952	2.909	6.4	20.5
11 7	1 41.08	− 5 13.3	1.988	2.905	9.0	20.6
11 17	1 34.38	− 4 55.9	2.050	2.901	11.9	20.8
11 27	1 29.58	− 4 21.0	2.134	2.897	14.5	21.0
361712 2007 VX_{295}			10 23.6	301°.12	2°.8/20.9	18
9 18	2 13.63	+ 9 32.7	1.701	2.559	14.4	20.8
9 28	2 10.24	+ 8 12.0	1.609	2.535	10.9	20.5
10 8	2 4.59	+ 6 37.1	1.539	2.510	6.8	20.2
10 18	1 57.27	+ 4 54.0	1.495	2.486	3.1	20.0
10 28	1 49.23	+ 3 11.8	1.479	2.462	4.5	20.0
11 7	1 41.58	+ 1 40.2	1.491	2.438	8.8	20.2
11 17	1 35.34	+ 0 27.3	1.527	2.414	13.1	20.4
11 27	1 31.33	− 0 21.8	1.586	2.390	16.9	20.6
151878 2003 PZ_{4}			10 23.6	78°.40	0°.8/22.7	18
9 18	2 16.44	+11 9.0	2.186	3.022	12.4	20.3
9 28	2 11.51	+10 36.4	2.127	3.041	9.3	20.2
10 8	2 4.91	+ 9 56.1	2.093	3.060	5.7	20.0
10 18	1 57.25	+ 9 11.4	2.086	3.079	2.0	19.8
10 28	1 49.34	+ 8 26.7	2.108	3.097	2.2	19.8
11 7	1 42.00	+ 7 46.9	2.160	3.116	5.8	20.1
11 17	1 35.93	+ 7 15.8	2.239	3.134	9.1	20.3
11 27	1 31.65	+ 6 56.2	2.342	3.152	11.9	20.6
317329 2002 JS_{36}			10 23.6	167°.99	5°.3/19.9	18
9 18	2 21.60	+ 1 0.2	1.562	2.421	15.4	20.5
9 28	2 16.11	+ 0 3.8	1.500	2.424	11.7	20.3
10 8	2 8.14	− 0 54.3	1.461	2.426	7.9	20.1
10 18	1 58.50	− 1 46.9	1.447	2.428	5.4	20.0
10 28	1 48.35	− 2 26.5	1.460	2.429	6.6	20.1
11 7	1 38.94	− 2 47.3	1.499	2.430	10.2	20.3
11 17	1 31.33	− 2 46.6	1.563	2.431	14.0	20.5
11 27	1 26.25	− 2 24.3	1.647	2.431	17.2	20.7
330577 2008 CQ_{83}			10 23.6	155°.89	1°.7/22.2	18
9 18	2 21.01	+ 9 43.8	1.790	2.631	14.5	21.6
9 28	2 15.40	+ 9 1.3	1.722	2.638	10.9	21.4
10 8	2 7.58	+ 8 9.8	1.677	2.644	6.8	21.1
10 18	1 58.28	+ 7 13.6	1.658	2.650	2.6	20.9
10 28	1 48.53	+ 6 18.9	1.669	2.655	3.2	21.0
11 7	1 39.45	+ 5 32.0	1.707	2.660	7.4	21.2
11 17	1 31.98	+ 4 57.8	1.773	2.664	11.3	21.5
11 27	1 26.79	+ 4 39.7	1.861	2.667	14.7	21.7
128195 2003 SC_{17}			10 23.6	24°.62	0°.1/23.6	18
9 18	2 15.44	+13 22.4	1.796	2.639	14.4	18.8
9 28	2 11.24	+13 8.3	1.732	2.648	10.9	18.6
10 8	2 4.97	+12 43.7	1.691	2.657	6.9	18.4
10 18	1 57.34	+12 11.1	1.675	2.667	2.5	18.1
10 28	1 49.29	+11 35.1	1.686	2.677	1.9	18.1
11 7	1 41.85	+11 1.1	1.725	2.688	6.2	18.4
11 17	1 35.89	+10 33.8	1.791	2.700	10.1	18.7
11 27	1 32.05	+10 17.3	1.880	2.712	13.5	18.9
103997 2000 DV_{97}			10 23.6	142°.37	0°.6/23.1	17
9 18	2 21.94	+11 50.6	1.839	2.672	14.5	20.6
9 28	2 16.06	+11 29.6	1.771	2.682	11.0	20.4
10 8	2 7.98	+10 58.9	1.726	2.691	6.9	20.1
10 18	1 58.42	+10 21.6	1.707	2.699	2.4	19.9
10 28	1 48.43	+ 9 42.3	1.717	2.707	2.3	19.9
11 7	1 39.10	+ 9 6.5	1.757	2.715	6.7	20.2
11 17	1 31.38	+ 8 39.1	1.823	2.721	10.6	20.4
11 27	1 25.94	+ 8 23.8	1.913	2.728	14.0	20.7

156696 2002 LD_{16} 10 23.6 144°.41 2°.6/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.74	+23 0.8	2.591	3.379	12.1	20.7
9 28	2 10.97	+22 45.5	2.509	3.385	9.6	20.6
10 8	2 4.61	+22 16.2	2.451	3.391	6.8	20.4
10 18	1 57.18	+21 33.9	2.419	3.396	3.9	20.2
10 28	1 49.41	+20 41.1	2.417	3.402	2.6	20.2
11 7	1 42.07	+19 42.4	2.444	3.407	4.7	20.3
11 17	1 35.85	+18 42.8	2.501	3.412	7.5	20.5
11 27	1 31.27	+17 47.5	2.584	3.416	10.2	20.7

1510 Charlois 10 23.6 274°.04 6°.1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.93	+28 27.6	1.977	2.747	15.9	16.0
9 28	2 15.85	+29 7.6	1.879	2.732	13.3	15.8
10 8	2 8.22	+29 29.3	1.801	2.717	10.4	15.6
10 18	1 58.66	+29 29.7	1.747	2.702	7.5	15.4
10 28	1 48.18	+29 8.2	1.720	2.686	6.1	15.3
11 7	1 38.04	+28 27.9	1.720	2.671	7.4	15.3
11 17	1 29.43	+27 35.1	1.746	2.655	10.4	15.5
11 27	1 23.27	+26 38.1	1.797	2.639	13.5	15.7

378657 2008 GO_{77} 10 23.6 319°.12 5°.2/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.83	+ 2 13.6	1.355	2.226	16.6	20.6
9 28	2 14.48	+ 1 23.3	1.289	2.219	12.6	20.3
10 8	2 7.38	+ 0 29.5	1.243	2.212	8.4	20.1
10 18	1 58.31	− 0 20.2	1.221	2.206	5.4	19.9
10 28	1 48.53	− 0 57.5	1.225	2.199	6.7	20.0
11 7	1 39.46	− 1 15.7	1.253	2.194	10.8	20.2
11 17	1 32.31	− 1 11.2	1.305	2.188	15.1	20.4
11 27	1 27.93	− 0 43.5	1.376	2.183	18.8	20.7

199793 2006 PK_{14} 10 23.6 42°.07 1°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 9.74	+22 7.7	4.068	4.849	8.2	19.7
9 28	2 5.99	+22 4.0	3.983	4.855	6.4	19.6
10 8	2 1.28	+21 52.1	3.923	4.861	4.5	19.5
10 18	1 55.95	+21 32.5	3.891	4.866	2.7	19.4
10 28	1 50.41	+21 6.8	3.889	4.872	1.9	19.3
11 7	1 45.10	+20 37.0	3.917	4.878	3.2	19.4
11 17	1 40.42	+20 5.7	3.974	4.884	5.1	19.6
11 27	1 36.71	+19 35.5	4.059	4.890	6.9	19.7

199448 2006 DQ_{37} 10 23.6 124°.58 2°.0/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.89	+ 7 36.6	2.419	3.263	11.2	20.7
9 28	2 9.57	+ 6 48.8	2.348	3.266	8.3	20.5
10 8	2 3.73	+ 5 55.4	2.301	3.269	5.2	20.3
10 18	1 56.87	+ 5 0.4	2.282	3.272	2.3	20.1
10 28	1 49.71	+ 4 8.3	2.293	3.275	3.1	20.2
11 7	1 42.96	+ 3 23.9	2.333	3.278	6.1	20.4
11 17	1 37.27	+ 2 50.6	2.400	3.281	9.2	20.6
11 27	1 33.17	+ 2 30.9	2.491	3.284	11.8	20.8

441909 2010 EN_{171} 10 23.6 133°.59 5°.7/18.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.24	− 4 49.1	2.283	3.127	11.7	22.4
9 28	2 13.50	− 5 52.8	2.233	3.142	9.1	22.2
10 8	2 6.12	− 6 52.9	2.208	3.157	6.8	22.1
10 18	1 57.72	− 7 43.7	2.210	3.171	5.7	22.1
10 28	1 49.08	− 8 19.8	2.242	3.184	6.7	22.2
11 7	1 41.03	− 8 38.1	2.301	3.197	8.9	22.3
11 17	1 34.25	− 8 37.4	2.385	3.209	11.3	22.5
11 27	1 29.25	− 8 18.3	2.492	3.220	13.5	22.7

220472 2004 BM_{103} 10 23.6 256°.64 5°.0/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.23	+ 3 6.1	1.525	2.390	15.4	20.1
9 28	2 13.75	+ 1 55.4	1.456	2.383	11.7	19.8
10 8	2 6.79	+ 0 39.2	1.409	2.377	7.7	19.6
10 18	1 58.08	− 0 34.8	1.387	2.370	5.1	19.4
10 28	1 48.75	− 1 37.6	1.391	2.363	6.5	19.5
11 7	1 40.06	− 2 21.6	1.422	2.356	10.3	19.7
11 17	1 33.07	− 2 42.5	1.476	2.349	14.3	19.9
11 27	1 28.59	− 2 38.9	1.550	2.342	17.8	20.1

369691 2012 BJ_{101} 10 23.6 134°.99 4°.0/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.52	+23 46.3	1.576	2.381	17.8	21.6
9 28	2 17.08	+23 45.1	1.505	2.390	14.3	21.4
10 8	2 8.91	+23 22.4	1.455	2.398	10.1	21.2
10 18	1 58.85	+22 37.8	1.428	2.406	6.0	20.9
10 28	1 48.18	+21 35.0	1.428	2.413	4.1	20.9
11 7	1 38.32	+20 21.5	1.456	2.420	7.0	21.1
11 17	1 30.43	+19 6.8	1.509	2.426	11.1	21.3
11 27	1 25.33	+17 59.7	1.586	2.432	14.9	21.6

454715 2014 SW_{178} 10 23.6 284°.31 1°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.77	+16 2.3	2.318	3.135	12.5	20.6
9 28	2 12.73	+16 9.4	2.232	3.131	9.6	20.5
10 8	2 5.86	+16 7.0	2.170	3.127	6.3	20.2
10 18	1 57.70	+15 55.8	2.135	3.123	2.8	20.0
10 28	1 49.06	+15 38.2	2.129	3.119	1.8	19.9
11 7	1 40.80	+15 17.5	2.153	3.116	5.2	20.2
11 17	1 33.72	+14 57.8	2.204	3.112	8.6	20.4
11 27	1 28.46	+14 43.0	2.281	3.108	11.6	20.6

45343 2000 AJ_{88} 10 23.6 351°.47 2°.6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.22	+ 8 13.2	1.522	2.386	15.5	19.0
9 28	2 11.47	+ 7 25.7	1.454	2.383	11.6	18.7
10 8	2 5.35	+ 6 29.0	1.408	2.380	7.3	18.5
10 18	1 57.56	+ 5 28.7	1.386	2.377	3.2	18.2
10 28	1 49.20	+ 4 32.1	1.391	2.375	4.2	18.3
11 7	1 41.47	+ 3 46.7	1.421	2.374	8.5	18.5
11 17	1 35.40	+ 3 17.9	1.477	2.373	12.8	18.8
11 27	1 31.74	+ 3 8.6	1.553	2.373	16.4	19.0

70229 1999 RO_{54} 10 23.6 16°.63 3°.7/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.62	+ 6 33.1	1.207	2.087	17.6	18.3
9 28	2 11.37	+ 5 42.3	1.156	2.093	13.2	18.1
10 8	2 5.38	+ 4 43.6	1.125	2.100	8.3	17.8
10 18	1 57.56	+ 3 44.4	1.118	2.108	4.1	17.6
10 28	1 49.23	+ 2 53.7	1.134	2.118	5.3	17.7
11 7	1 41.79	+ 2 19.3	1.175	2.128	9.9	18.0
11 17	1 36.36	+ 2 5.8	1.239	2.140	14.4	18.3
11 27	1 33.66	+ 2 14.6	1.322	2.153	18.2	18.6

138861 2000 WO_{87} 10 23.6 303°.70 5°.4/26.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.37	+23 56.9	1.323	2.148	19.6	19.2
9 28	2 14.91	+24 22.1	1.231	2.125	16.1	18.9
10 8	2 8.18	+24 24.6	1.157	2.103	11.8	18.5
10 18	1 58.80	+24 1.3	1.104	2.080	7.5	18.2
10 28	1 48.10	+23 12.7	1.075	2.059	5.5	18.1
11 7	1 37.80	+22 5.2	1.071	2.037	8.6	18.2
11 17	1 29.55	+20 49.6	1.090	2.016	13.4	18.4
11 27	1 24.60	+19 38.0	1.130	1.995	18.2	18.6

317301 2002 GN_{89} 10 23.6 148°.77 0°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.13	+14 29.1	2.593	3.412	11.2	22.0
9 28	2 11.19	+14 6.9	2.517	3.419	8.5	21.9
10 8	2 4.73	+13 35.9	2.464	3.425	5.4	21.7
10 18	1 57.25	+12 58.1	2.440	3.431	2.1	21.5
10 28	1 49.46	+12 16.8	2.446	3.437	1.5	21.4
11 7	1 42.09	+11 36.1	2.482	3.442	4.8	21.7
11 17	1 35.77	+10 59.9	2.546	3.447	7.9	21.9
11 27	1 31.03	+10 31.6	2.637	3.451	10.6	22.1

108430 2001 KX_{39} 10 23.6 105°.72 7°.3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.23	− 7 49.5	2.019	2.868	12.8	19.6
9 28	2 12.94	− 9 6.7	1.976	2.884	10.2	19.4
10 8	2 5.85	−10 17.2	1.958	2.899	8.0	19.3
10 18	1 57.64	−11 14.2	1.966	2.915	7.3	19.3
10 28	1 49.21	−11 51.5	2.001	2.929	8.4	19.4
11 7	1 41.43	−12 6.1	2.062	2.944	10.5	19.6
11 17	1 35.05	−11 57.6	2.147	2.958	12.9	19.8
11 27	1 30.61	−11 27.6	2.253	2.971	15.0	20.0

20645 1999 TH_{149} 10 23.6 242°.12 3°.0/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.90	+ 5 45.5	2.207	3.058	11.8	17.9
9 28	2 9.76	+ 4 39.8	2.134	3.056	8.8	17.7
10 8	2 3.94	+ 3 28.4	2.085	3.053	5.6	17.5
10 18	1 57.00	+ 2 16.4	2.064	3.051	3.1	17.3
10 28	1 49.68	+ 1 10.0	2.072	3.048	4.2	17.4
11 7	1 42.80	+ 0 14.7	2.108	3.046	7.3	17.6
11 17	1 37.07	− 0 25.5	2.171	3.043	10.4	17.8
11 27	1 33.04	− 0 48.2	2.257	3.040	13.2	18.0

123998 2001 FP_{70} 10 23.6 237°.34 1°.0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.41	+ 9 59.0	2.497	3.331	11.1	20.0
9 28	2 10.78	+ 9 30.3	2.411	3.324	8.4	19.8
10 8	2 4.55	+ 8 54.9	2.349	3.316	5.2	19.6
10 18	1 57.23	+ 8 15.6	2.316	3.308	1.9	19.4
10 28	1 49.50	+ 7 36.1	2.312	3.299	2.2	19.4
11 7	1 42.11	+ 7 0.7	2.337	3.291	5.6	19.6
11 17	1 35.76	+ 6 33.0	2.391	3.282	8.8	19.8
11 27	1 31.01	+ 6 16.0	2.469	3.273	11.6	19.9

86842 2000 GQ_{166} 10 23.6 100°.65 7°.9/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.92	− 7 43.7	1.659	2.509	15.1	19.5
9 28	2 17.51	− 8 36.1	1.615	2.525	12.0	19.4
10 8	2 8.82	− 9 20.2	1.594	2.540	9.2	19.3
10 18	1 58.73	− 9 48.8	1.599	2.556	7.9	19.2
10 28	1 48.39	− 9 56.0	1.629	2.571	8.9	19.3
11 7	1 38.95	− 9 39.4	1.686	2.585	11.5	19.5
11 17	1 31.33	− 8 59.6	1.767	2.600	14.3	19.7
11 27	1 26.15	− 7 59.7	1.868	2.614	16.8	19.9

240756 2005 KU 10 23.6 125°.73 0°.9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.36	+11 53.1	2.380	3.208	11.8	21.3
9 28	2 12.11	+11 3.5	2.315	3.225	8.8	21.2
10 8	2 5.28	+10 5.3	2.276	3.241	5.4	21.0
10 18	1 57.45	+ 9 2.4	2.265	3.257	1.9	20.8
10 28	1 49.37	+ 7 59.5	2.284	3.272	2.2	20.8
11 7	1 41.82	+ 7 1.9	2.334	3.287	5.6	21.1
11 17	1 35.47	+ 6 13.7	2.411	3.301	8.8	21.3
11 27	1 30.82	+ 5 38.2	2.514	3.314	11.5	21.5

244504 2002 TV_{133} 10 23.6 51°.34 4°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.40	+26 1.5	1.496	2.300	18.7	19.4
9 28	2 15.29	+25 58.9	1.450	2.330	15.0	19.3
10 8	2 7.61	+25 32.2	1.423	2.361	10.8	19.1
10 18	1 58.32	+24 42.1	1.419	2.392	6.7	19.0
10 28	1 48.75	+23 33.5	1.441	2.422	4.7	18.9
11 7	1 40.23	+22 14.7	1.490	2.454	6.9	19.1
11 17	1 33.76	+20 55.4	1.564	2.485	10.5	19.4
11 27	1 29.98	+19 44.3	1.663	2.516	13.9	19.7

471046 2009 UG_{47} 10 23.6 347°.35 1°.2/22.9 18

9 18	2 15.77	+10 8.2	1.106	1.984	19.0	20.7
9 28	2 12.83	+10 3.0	1.040	1.974	14.5	20.4
10 8	2 6.70	+ 9 46.7	0.991	1.965	9.1	20.1
10 18	1 58.19	+ 9 22.8	0.965	1.958	3.3	19.7
10 28	1 48.74	+ 8 57.9	0.961	1.952	3.4	19.7
11 7	1 40.03	+ 8 39.2	0.981	1.947	9.3	20.0
11 17	1 33.53	+ 8 33.2	1.023	1.943	14.8	20.3
11 27	1 30.23	+ 8 44.0	1.085	1.942	19.4	20.6

514963 2009 BG_{98} 10 23.6 3°.82 9°.7/17.1 18

9 18	2 16.78	− 8 22.8	1.337	2.211	16.6	20.1
9 28	2 12.80	− 9 36.0	1.289	2.210	13.4	19.9
10 8	2 6.22	−10 40.1	1.261	2.210	10.7	19.8
10 18	1 57.88	−11 25.0	1.256	2.211	9.7	19.8
10 28	1 49.06	−11 42.4	1.274	2.213	11.1	19.8
11 7	1 41.06	−11 28.3	1.315	2.216	13.9	20.0
11 17	1 34.98	−10 43.6	1.377	2.220	17.0	20.2
11 27	1 31.54	− 9 32.1	1.457	2.225	19.8	20.4

354478 2004 DT_{40} 10 23.6 184°.33 3°.2/20.1 18

9 18	2 16.55	+ 2 52.4	2.621	3.462	10.5	22.6
9 28	2 11.46	+ 1 59.4	2.547	3.462	7.9	22.4
10 8	2 4.89	+ 1 3.9	2.498	3.462	5.2	22.2
10 18	1 57.34	+ 0 10.2	2.479	3.461	3.3	22.1
10 28	1 49.46	− 0 37.1	2.489	3.460	4.2	22.2
11 7	1 41.98	− 1 14.1	2.529	3.457	6.7	22.3
11 17	1 35.52	− 1 37.8	2.597	3.455	9.4	22.5
11 27	1 30.58	− 1 46.9	2.688	3.451	11.8	22.7

183492 2003 EH_{25} 10 23.6 191°.14 3°.8/19.6 18

9 18	2 16.19	+ 0 54.1	2.520	3.365	10.7	21.1
9 28	2 11.25	+ 0 2.0	2.448	3.364	8.1	20.9
10 8	2 4.79	− 0 51.2	2.401	3.362	5.5	20.8
10 18	1 57.32	− 1 41.0	2.382	3.360	3.8	20.7
10 28	1 49.50	− 2 22.7	2.392	3.357	4.8	20.7
11 7	1 42.09	− 2 52.4	2.432	3.354	7.3	20.9
11 17	1 35.72	− 3 7.6	2.498	3.351	9.9	21.1
11 27	1 30.92	− 3 7.3	2.588	3.347	12.3	21.2

81263 2000 FZ_{43} 10 23.6 139°.32 3°.9/20.5 18 R

9 18	2 19.28	+ 4 32.2	1.711	2.566	14.5	19.9
9 28	2 14.17	+ 3 30.0	1.650	2.573	10.9	19.7
10 8	2 6.86	+ 2 22.8	1.611	2.579	7.0	19.5
10 18	1 58.10	+ 1 17.0	1.599	2.585	4.1	19.4
10 28	1 48.92	+ 0 20.0	1.615	2.591	5.2	19.4
11 7	1 40.42	− 0 22.1	1.658	2.596	8.8	19.7
11 17	1 33.53	− 0 45.4	1.727	2.601	12.5	19.9
11 27	1 28.91	− 0 48.4	1.817	2.606	15.7	20.1

28291 1999 CX_{52} 10 23.6 296°.40 1°.6/22.6 18

9 18	2 20.70	+ 8 37.1	1.521	2.375	16.0	16.9
9 28	2 15.83	+ 8 27.8	1.441	2.363	12.2	16.6
10 8	2 8.27	+ 8 10.8	1.382	2.352	7.7	16.3
10 18	1 58.73	+ 7 49.6	1.348	2.340	2.9	16.0
10 28	1 48.35	+ 7 29.2	1.341	2.329	3.3	16.0
11 7	1 38.53	+ 7 14.9	1.360	2.318	8.2	16.3
11 17	1 30.46	+ 7 11.6	1.404	2.307	12.9	16.5
11 27	1 25.07	+ 7 22.5	1.470	2.297	16.9	16.7

138502 2000 KQ_{52} 10 23.6 95°.64 0°.9/22.7 18

9 18	2 17.13	+12 12.1	2.063	2.898	13.1	20.1
9 28	2 12.15	+11 21.1	2.004	2.917	9.8	20.0
10 8	2 5.40	+10 20.5	1.969	2.936	6.0	19.8
10 18	1 57.52	+ 9 14.5	1.962	2.954	2.1	19.6
10 28	1 49.39	+ 8 8.7	1.984	2.972	2.4	19.6
11 7	1 41.88	+ 7 9.0	2.035	2.990	6.1	19.9
11 17	1 35.73	+ 6 20.1	2.113	3.007	9.6	20.1
11 27	1 31.47	+ 5 45.6	2.216	3.025	12.5	20.4

377693 2005 VE_{119} 10 23.6 339°.34 2°.9/21.6 18

9 18	2 15.76	+ 8 17.3	1.305	2.176	17.1	20.6
9 28	2 12.31	+ 7 30.0	1.236	2.169	12.9	20.3
10 8	2 6.11	+ 6 31.8	1.188	2.162	8.1	20.0
10 18	1 57.93	+ 5 29.0	1.164	2.155	3.5	19.7
10 28	1 49.03	+ 4 30.2	1.165	2.150	4.6	19.8
11 7	1 40.81	+ 3 44.0	1.190	2.145	9.5	20.1
11 17	1 34.49	+ 3 16.8	1.239	2.141	14.3	20.3
11 27	1 30.94	+ 3 11.9	1.307	2.137	18.4	20.6

266706 2009 QL_{27} 10 23.6 57°.22 1°.6/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.27	+17 50.9	1.283	2.127	19.0	20.2
9 28	2 15.56	+17 32.8	1.231	2.144	14.6	20.0
10 8	2 7.99	+16 55.3	1.199	2.162	9.6	19.8
10 18	1 58.54	+16 1.5	1.190	2.180	4.2	19.5
10 28	1 48.63	+14 58.0	1.207	2.198	2.5	19.5
11 7	1 39.76	+13 53.8	1.249	2.216	7.5	19.9
11 17	1 33.08	+12 57.7	1.316	2.234	12.2	20.2
11 27	1 29.32	+12 16.3	1.405	2.253	16.3	20.5

201927 2004 CC_{97} 10 23.6 195°.87 5°.0/18.1 18

9 18	2 15.62	− 5 59.4	2.765	3.607	10.0	20.4
9 28	2 10.69	− 6 39.3	2.699	3.606	7.8	20.3
10 8	2 4.38	− 7 15.5	2.658	3.605	5.9	20.2
10 18	1 57.16	− 7 43.7	2.644	3.603	5.0	20.1
10 28	1 49.67	− 8 0.2	2.660	3.602	5.9	20.2
11 7	1 42.55	− 8 2.5	2.704	3.600	7.8	20.3
11 17	1 36.40	− 7 49.6	2.774	3.599	9.9	20.4
11 27	1 31.69	− 7 21.6	2.867	3.597	11.9	20.6

65241 Seeley 10 23.6 45°.72 2°.1/22.4 18

9 18	2 22.08	+ 6 59.0	1.401	2.259	16.9	18.3
9 28	2 16.61	+ 6 53.5	1.350	2.275	12.7	18.1
10 8	2 8.52	+ 6 42.5	1.321	2.291	7.9	17.9
10 18	1 58.71	+ 6 29.8	1.316	2.308	3.2	17.6
10 28	1 48.50	+ 6 20.5	1.338	2.325	3.6	17.7
11 7	1 39.23	+ 6 19.1	1.386	2.343	8.2	18.0
11 17	1 31.98	+ 6 28.9	1.459	2.361	12.6	18.3
11 27	1 27.46	+ 6 51.7	1.554	2.379	16.2	18.6

312322 2008 CZ_{127} 10 23.6 252°.28 1°.4/24.8 18

9 18	2 17.44	+17 16.3	2.043	2.863	13.8	21.3
9 28	2 12.73	+17 6.7	1.959	2.860	10.7	21.1
10 8	2 5.99	+16 44.4	1.899	2.856	7.0	20.9
10 18	1 57.83	+16 10.7	1.864	2.852	3.2	20.6
10 28	1 49.14	+15 29.1	1.858	2.849	1.9	20.6
11 7	1 40.91	+14 44.6	1.881	2.845	5.7	20.8
11 17	1 34.02	+14 2.7	1.931	2.841	9.5	21.0
11 27	1 29.17	+13 28.6	2.005	2.837	12.8	21.2

105489 2000 QE_{221} 10 23.6 33°.72 4°.0/20.5 18

9 18	2 16.56	+ 3 14.6	1.701	2.562	14.2	19.4
9 28	2 12.12	+ 2 29.8	1.644	2.570	10.7	19.2
10 8	2 5.57	+ 1 42.3	1.610	2.578	6.9	19.0
10 18	1 57.64	+ 0 57.8	1.601	2.587	4.1	18.9
10 28	1 49.33	+ 0 22.5	1.620	2.596	5.2	19.0
11 7	1 41.69	+ 0 1.3	1.666	2.606	8.6	19.2
11 17	1 35.59	− 0 2.8	1.736	2.616	12.2	19.4
11 27	1 31.66	+ 0 11.1	1.828	2.626	15.2	19.6

20549 1999 RH_{110} 10 23.6 326°.23 3°.2/26.7 18

9 18	2 14.84	+23 41.0	2.025	2.827	14.6	17.9
9 28	2 10.87	+23 27.4	1.939	2.821	11.6	17.7
10 8	2 4.87	+22 55.7	1.874	2.816	8.3	17.5
10 18	1 57.43	+22 6.5	1.833	2.811	4.9	17.3
10 28	1 49.46	+21 2.9	1.821	2.806	3.3	17.2
11 7	1 41.96	+19 50.9	1.836	2.801	5.7	17.3
11 17	1 35.82	+18 37.5	1.879	2.797	9.2	17.5
11 27	1 31.72	+17 30.0	1.947	2.793	12.5	17.7

210314 2007 TB_{167} 10 23.6 12°.16 1°.6/24.7 18

9 18	2 18.10	+16 40.8	1.546	2.385	16.6	20.4
9 28	2 13.75	+16 42.4	1.476	2.386	12.8	20.2
10 8	2 6.87	+16 29.2	1.427	2.388	8.5	19.9
10 18	1 58.20	+16 2.8	1.402	2.391	3.8	19.7
10 28	1 48.90	+15 27.0	1.403	2.394	2.3	19.6
11 7	1 40.26	+14 48.0	1.431	2.397	6.8	19.9
11 17	1 33.40	+14 12.5	1.484	2.401	11.2	20.2
11 27	1 29.09	+13 46.4	1.560	2.406	15.1	20.4

135907 2002 TJ_{100} 10 23.6 358°.50 2°.9/25.9 18

9 18	2 17.17	+21 13.0	1.723	2.541	16.0	19.9
9 28	2 12.91	+21 9.0	1.645	2.540	12.7	19.7
10 8	2 6.28	+20 47.1	1.589	2.539	8.8	19.4
10 18	1 57.98	+20 7.9	1.557	2.539	4.8	19.2
10 28	1 49.08	+19 15.0	1.551	2.539	3.1	19.1
11 7	1 40.75	+18 14.7	1.573	2.539	6.3	19.3
11 17	1 34.05	+17 14.6	1.621	2.540	10.4	19.5
11 27	1 29.74	+16 21.9	1.693	2.540	14.0	19.8

79241 Fulviobressan 10 23.6 56°.68 2°.8/25.5 18

9 18	2 21.23	+19 24.9	1.363	2.197	18.7	19.5
9 28	2 16.30	+19 31.1	1.305	2.210	14.6	19.3
10 8	2 8.52	+19 18.3	1.267	2.223	9.9	19.1
10 18	1 58.79	+18 47.3	1.252	2.237	5.0	18.9
10 28	1 48.50	+18 2.6	1.262	2.251	3.1	18.8
11 7	1 39.14	+17 11.7	1.299	2.266	7.3	19.1
11 17	1 31.92	+16 22.9	1.360	2.280	11.8	19.4
11 27	1 27.62	+15 43.7	1.444	2.295	15.8	19.7

204409 2004 VL_{15} 10 23.6 59°.40 4°.1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.63	+ 4 3.1	1.460	2.323	16.0	20.2
9 28	2 14.62	+ 3 14.1	1.413	2.340	12.0	20.0
10 8	2 7.20	+ 2 21.5	1.387	2.357	7.7	19.8
10 18	1 58.24	+ 1 31.9	1.387	2.374	4.3	19.7
10 28	1 48.96	+ 0 52.6	1.413	2.391	5.5	19.8
11 7	1 40.56	+ 0 29.1	1.465	2.408	9.3	20.1
11 17	1 34.04	+ 0 24.4	1.542	2.426	13.1	20.3
11 27	1 30.01	+ 0 39.1	1.639	2.443	16.4	20.6

126627 2002 CQ_{163} 10 23.6 78°.28 0°.3/23.4 18 R

9 18	2 20.68	+12 23.3	1.627	2.469	15.7	19.5
9 28	2 15.38	+12 9.0	1.566	2.481	11.9	19.3
10 8	2 7.71	+11 44.1	1.527	2.493	7.5	19.0
10 18	1 58.46	+11 11.5	1.513	2.505	2.7	18.8
10 28	1 48.76	+10 36.0	1.526	2.517	2.3	18.8
11 7	1 39.81	+10 3.7	1.567	2.529	6.9	19.1
11 17	1 32.62	+ 9 39.5	1.635	2.540	11.2	19.4
11 27	1 27.88	+ 9 27.5	1.725	2.552	14.7	19.6

399921 2005 YN_{47} 10 23.6 334°.85 5°.1/27.3 17

9 18	2 16.07	+24 30.0	1.683	2.491	16.8	20.3
9 28	2 12.42	+25 2.7	1.593	2.476	13.7	20.1
10 8	2 6.20	+25 17.2	1.524	2.462	10.2	19.8
10 18	1 58.04	+25 11.4	1.477	2.448	6.8	19.6
10 28	1 48.99	+24 45.9	1.456	2.435	5.1	19.5
11 7	1 40.36	+24 5.2	1.461	2.423	7.2	19.6
11 17	1 33.35	+23 16.2	1.491	2.412	10.9	19.8
11 27	1 28.88	+22 27.3	1.544	2.402	14.6	20.0

64356 2001 UZ_{86} 10 23.6 220°.28 0°.2/23.7 18

9 18	2 17.32	+13 48.3	2.054	2.885	13.3	19.6
9 28	2 12.56	+13 30.7	1.975	2.884	10.1	19.4
10 8	2 5.85	+13 2.8	1.919	2.882	6.5	19.2
10 18	1 57.79	+12 26.8	1.890	2.881	2.4	18.9
10 28	1 49.25	+11 46.8	1.889	2.880	1.8	18.9
11 7	1 41.19	+11 7.8	1.917	2.879	5.9	19.2
11 17	1 34.44	+10 34.7	1.973	2.877	9.6	19.4
11 27	1 29.67	+10 11.4	2.052	2.876	12.9	19.6

240899 2006 DV_{97} 10 23.6 118°.02 5°.4/17.3 16

9 18	2 17.82	+ 0 30.2	2.163	3.012	12.1	20.7
9 28	2 12.53	− 1 39.7	2.115	3.032	9.1	20.5
10 8	2 5.59	− 3 50.9	2.094	3.051	6.5	20.4
10 18	1 57.62	− 5 54.9	2.102	3.070	5.4	20.4
10 28	1 49.44	− 7 43.4	2.142	3.088	6.8	20.5
11 7	1 41.86	− 9 10.1	2.210	3.105	9.3	20.7
11 17	1 35.58	−10 11.9	2.304	3.122	11.9	20.9
11 27	1 31.10	−10 48.5	2.420	3.138	14.1	21.1

288053 2003 UC_{296} 10 23.6 75°.95 1°.7/24.7 18

9 18	2 26.49	+15 53.8	1.725	2.543	16.0	20.9
9 28	2 19.50	+16 14.8	1.674	2.573	12.2	20.7
10 8	2 10.15	+16 23.7	1.645	2.601	8.0	20.5
10 18	1 59.30	+16 21.1	1.642	2.630	3.6	20.3
10 28	1 48.15	+16 9.6	1.668	2.658	2.3	20.3
11 7	1 37.91	+15 53.9	1.723	2.686	6.2	20.6
11 17	1 29.58	+15 38.9	1.805	2.714	10.1	20.9
11 27	1 23.78	+15 29.4	1.912	2.741	13.4	21.2

403139 2008 EH_{96} 10 23.6 205°.22 1°.8/22.1 18

9 18	2 18.42	+ 7 21.3	2.111	2.952	12.6	21.0
9 28	2 13.28	+ 7 3.0	2.035	2.952	9.5	20.8
10 8	2 6.25	+ 6 39.7	1.983	2.951	5.9	20.6
10 18	1 57.93	+ 6 14.5	1.959	2.950	2.5	20.4
10 28	1 49.16	+ 5 51.6	1.963	2.949	3.0	20.4
11 7	1 40.87	+ 5 34.9	1.996	2.948	6.6	20.6
11 17	1 33.86	+ 5 27.6	2.057	2.946	10.0	20.9
11 27	1 28.77	+ 5 32.2	2.141	2.945	13.1	21.1

519521 2012 GE_{40} 10 23.6 171°.79 8°.6/12.1 18

9 18	2 17.37	−23 11.6	3.031	3.827	10.3	22.1
9 28	2 11.91	−24 15.2	2.991	3.830	9.3	22.0
10 8	2 5.10	−25 5.9	2.974	3.833	8.7	22.0
10 18	1 57.44	−25 38.9	2.982	3.835	8.7	22.0
10 28	1 49.58	−25 50.7	3.015	3.836	9.4	22.0
11 7	1 42.15	−25 40.1	3.072	3.838	10.5	22.1
11 17	1 35.74	−25 7.8	3.151	3.839	11.7	22.2
11 27	1 30.79	−24 16.1	3.249	3.839	12.9	22.3

480548 2015 MF_{56} 10 23.6 167°.38 3°.2/20.7 18

9 18	2 19.17	+ 4 20.1	2.098	2.943	12.6	21.7
9 28	2 13.77	+ 3 30.5	2.029	2.947	9.4	21.5
10 8	2 6.50	+ 2 36.9	1.985	2.951	6.1	21.3
10 18	1 58.01	+ 1 44.4	1.968	2.954	3.4	21.2
10 28	1 49.13	+ 0 58.4	1.980	2.956	4.4	21.2
11 7	1 40.78	+ 0 23.9	2.022	2.959	7.6	21.4
11 17	1 33.76	+ 0 4.1	2.089	2.960	10.8	21.6
11 27	1 28.66	+ 0 0.7	2.181	2.961	13.6	21.8

368512 2003 UH_{232} 10 23.6 45°.68 1°.7/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.88	+17 35.9	1.123	1.978	20.4	20.7
9 28	2 15.60	+17 21.6	1.075	1.994	15.7	20.5
10 8	2 8.18	+16 46.4	1.046	2.011	10.3	20.3
10 18	1 58.67	+15 53.7	1.039	2.029	4.4	20.0
10 28	1 48.66	+14 50.5	1.055	2.047	2.6	20.0
11 7	1 39.81	+13 47.0	1.097	2.065	8.0	20.3
11 17	1 33.36	+12 52.6	1.162	2.084	13.1	20.7
11 27	1 30.08	+12 14.4	1.247	2.104	17.4	21.0

510297 2011 OE_{28} 10 23.6 65°.70 9°.1/31.3 18

9 18	2 25.28	+35 19.0	1.739	2.476	19.0	20.6
9 28	2 19.36	+36 25.6	1.678	2.495	16.3	20.5
10 8	2 10.50	+37 6.8	1.634	2.514	13.4	20.3
10 18	1 59.55	+37 17.7	1.612	2.533	10.8	20.2
10 28	1 47.92	+36 57.2	1.614	2.552	9.2	20.2
11 7	1 37.12	+36 9.7	1.642	2.571	9.6	20.3
11 17	1 28.45	+35 3.4	1.694	2.591	11.4	20.4
11 27	1 22.78	+33 49.1	1.770	2.610	13.9	20.6

453714 2011 AF_{10} 10 23.6 354°.51 4°.5/27.9 18

9 18	2 16.35	+26 38.7	2.147	2.928	14.5	20.5
9 28	2 11.97	+26 47.8	2.063	2.927	11.8	20.3
10 8	2 5.55	+26 39.0	1.999	2.926	8.8	20.1
10 18	1 57.72	+26 11.8	1.961	2.926	5.9	20.0
10 28	1 49.35	+25 27.9	1.949	2.925	4.5	19.9
11 7	1 41.44	+24 31.8	1.966	2.925	6.0	20.0
11 17	1 34.89	+23 29.8	2.010	2.925	8.9	20.1
11 27	1 30.37	+22 29.0	2.079	2.925	11.8	20.3

213905 2003 UK_{62} 10 23.6 48°.32 6°.9/19.7 18

9 18	2 20.62	− 0 5.9	1.127	2.007	18.6	19.3
9 28	2 15.89	− 1 11.7	1.089	2.022	14.1	19.1
10 8	2 8.20	− 2 16.3	1.070	2.038	9.7	18.9
10 18	1 58.65	− 3 10.1	1.075	2.055	6.9	18.8
10 28	1 48.74	− 3 43.8	1.103	2.072	8.4	19.0
11 7	1 39.99	− 3 51.8	1.154	2.089	12.2	19.2
11 17	1 33.55	− 3 33.3	1.228	2.107	16.2	19.5
11 27	1 30.10	− 2 50.4	1.319	2.125	19.6	19.8

389459 2010 DL_{45} 10 23.6 186°.05 5°.4/28.1 18

9 18	2 22.64	+27 38.5	2.074	2.842	15.4	21.6
9 28	2 16.87	+28 9.0	1.988	2.842	12.7	21.4
10 8	2 8.75	+28 21.5	1.923	2.841	9.7	21.2
10 18	1 58.92	+28 13.9	1.883	2.841	6.8	21.0
10 28	1 48.41	+27 46.6	1.869	2.839	5.4	21.0
11 7	1 38.38	+27 3.5	1.885	2.838	6.7	21.0
11 17	1 29.90	+26 10.8	1.927	2.836	9.6	21.2
11 27	1 23.75	+25 16.2	1.995	2.833	12.6	21.4

216162 2006 SL_{360} 10 23.6 41°.77 1°.4/22.5 18

9 18	2 18.67	+ 8 47.5	1.930	2.774	13.6	20.7
9 28	2 13.64	+ 8 31.2	1.858	2.775	10.2	20.5
10 8	2 6.56	+ 8 8.4	1.808	2.776	6.4	20.3
10 18	1 58.07	+ 7 42.2	1.785	2.777	2.4	20.0
10 28	1 49.11	+ 7 17.0	1.790	2.778	2.8	20.1
11 7	1 40.68	+ 6 57.3	1.824	2.779	6.7	20.3
11 17	1 33.67	+ 6 46.7	1.884	2.780	10.5	20.6
11 27	1 28.73	+ 6 48.0	1.968	2.782	13.7	20.8

223865 2004 TE_{308} 10 23.6 290°.57 3°.7/27.3 18

9 18	2 15.85	+25 4.3	2.220	3.007	13.9	20.1
9 28	2 11.53	+25 1.5	2.130	3.001	11.2	19.9
10 8	2 5.26	+24 41.7	2.061	2.995	8.2	19.7
10 18	1 57.62	+24 4.8	2.018	2.989	5.2	19.5
10 28	1 49.45	+23 13.1	2.003	2.983	3.7	19.4
11 7	1 41.70	+22 11.4	2.016	2.978	5.6	19.5
11 17	1 35.22	+21 5.8	2.057	2.972	8.7	19.7
11 27	1 30.68	+20 3.1	2.123	2.966	11.7	19.9

359000 2008 TP_{108} 10 23.6 340°.00 1°.5/21.1 18

9 18	2 8.33	+ 5 45.7	4.051	4.890	7.1	20.8
9 28	2 4.95	+ 5 13.1	3.972	4.888	5.3	20.7
10 8	2 0.69	+ 4 38.2	3.920	4.886	3.3	20.5
10 18	1 55.87	+ 4 3.1	3.896	4.884	1.7	20.4
10 28	1 50.85	+ 3 30.3	3.903	4.883	2.2	20.4
11 7	1 46.05	+ 3 2.1	3.940	4.881	4.1	20.6
11 17	1 41.80	+ 2 40.4	4.006	4.880	6.0	20.7
11 27	1 38.45	+ 2 26.7	4.097	4.878	7.7	20.9

39827 1998 BA_{3} 10 23.6 72°.09 0°.5/23.9 18

9 18	2 21.02	+15 36.5	1.319	2.166	18.4	18.5
9 28	2 16.10	+15 9.6	1.264	2.180	14.0	18.3
10 8	2 8.36	+14 25.7	1.230	2.195	9.0	18.1
10 18	1 58.75	+13 28.6	1.219	2.210	3.4	17.8
10 28	1 48.66	+12 25.3	1.234	2.225	2.3	17.8
11 7	1 39.57	+11 24.6	1.275	2.240	7.7	18.1
11 17	1 32.61	+10 34.4	1.341	2.255	12.5	18.4
11 27	1 28.52	+10 0.5	1.429	2.270	16.5	18.7

487312 2014 QM_{114} 10 23.6 248°.70 3°.3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.17	+ 4 33.1	2.211	3.063	11.8	21.7
9 28	2 10.00	+ 3 30.1	2.139	3.061	8.8	21.5
10 8	2 4.15	+ 2 22.5	2.092	3.059	5.7	21.3
10 18	1 57.18	+ 1 15.5	2.072	3.057	3.4	21.1
10 28	1 49.84	+ 0 15.0	2.081	3.055	4.4	21.2
11 7	1 42.93	− 0 33.8	2.118	3.052	7.4	21.4
11 17	1 37.16	− 1 7.1	2.181	3.050	10.5	21.6
11 27	1 33.10	− 1 23.1	2.268	3.048	13.2	21.8

429378 2010 LZ_{31} 10 23.6 24°.55 5°.3/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.28	+24 3.0	1.041	1.886	22.4	20.3
9 28	2 14.18	+24 16.6	0.987	1.893	18.0	20.1
10 8	2 7.61	+24 1.3	0.949	1.901	12.9	19.8
10 18	1 58.58	+23 16.2	0.931	1.911	7.8	19.6
10 28	1 48.78	+22 6.4	0.935	1.921	5.3	19.5
11 7	1 40.07	+20 42.9	0.963	1.932	8.6	19.7
11 17	1 33.93	+19 19.0	1.013	1.945	13.5	20.1
11 27	1 31.25	+18 6.7	1.083	1.958	18.0	20.4

346739 2009 BE_{5} 10 23.6 340°.35 14°.4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.74	−18 28.2	1.326	2.186	17.6	19.8
9 28	2 12.29	−20 18.6	1.280	2.174	15.6	19.7
10 8	2 6.09	−21 50.1	1.254	2.163	14.5	19.6
10 18	1 57.98	−22 50.1	1.248	2.153	14.6	19.6
10 28	1 49.27	−23 8.9	1.263	2.144	16.0	19.6
11 7	1 41.35	−22 43.4	1.297	2.136	18.2	19.8
11 17	1 35.39	−21 36.1	1.348	2.129	20.6	19.9
11 27	1 32.16	−19 53.7	1.414	2.123	22.8	20.1

358518 2007 RD_{309} 10 23.6 351°.76 0°.4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 8.62	+11 13.2	3.965	4.791	7.5	21.2
9 28	2 5.20	+10 48.5	3.881	4.790	5.6	21.1
10 8	2 0.88	+10 19.3	3.824	4.789	3.5	20.9
10 18	1 55.96	+ 9 47.2	3.796	4.788	1.2	20.8
10 28	1 50.83	+ 9 14.6	3.798	4.787	1.3	20.8
11 7	1 45.92	+ 8 43.9	3.830	4.786	3.5	21.0
11 17	1 41.60	+ 8 17.2	3.892	4.785	5.6	21.1
11 27	1 38.20	+ 7 56.7	3.980	4.784	7.5	21.2

512525 2016 RM_{35} 10 23.6 46°.29 2°.8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.74	+18 45.2	1.266	2.106	19.4	20.6
9 28	2 16.78	+18 59.0	1.216	2.125	15.1	20.4
10 8	2 8.85	+18 53.8	1.186	2.145	10.2	20.2
10 18	1 58.96	+18 30.7	1.179	2.165	5.1	20.0
10 28	1 48.58	+17 53.9	1.196	2.186	3.2	19.9
11 7	1 39.26	+17 11.0	1.239	2.207	7.4	20.2
11 17	1 32.23	+16 30.3	1.307	2.228	12.1	20.5
11 27	1 28.22	+15 58.9	1.396	2.250	16.0	20.9

358878 2008 FW_{127} 10 23.6 58°.55 1°.1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.55	+ 8 51.9	2.007	2.846	13.3	21.3
9 28	2 14.22	+ 8 47.0	1.936	2.850	10.0	21.1
10 8	2 6.89	+ 8 36.4	1.888	2.855	6.2	20.8
10 18	1 58.22	+ 8 22.5	1.867	2.859	2.3	20.6
10 28	1 49.10	+ 8 9.1	1.875	2.863	2.5	20.6
11 7	1 40.51	+ 7 59.7	1.912	2.868	6.4	20.9
11 17	1 33.31	+ 7 57.7	1.976	2.873	10.0	21.1
11 27	1 28.15	+ 8 5.6	2.063	2.877	13.1	21.3

513794 2013 CN_{39} 10 23.6 166°.15 1°.2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.55	+ 9 58.8	2.326	3.159	11.9	22.3
9 28	2 12.46	+ 9 26.5	2.250	3.163	8.9	22.1
10 8	2 5.67	+ 8 47.1	2.200	3.166	5.5	21.9
10 18	1 57.75	+ 8 3.8	2.177	3.169	2.1	21.6
10 28	1 49.47	+ 7 20.9	2.184	3.171	2.4	21.7
11 7	1 41.63	+ 6 42.8	2.220	3.173	5.9	21.9
11 17	1 34.98	+ 6 13.5	2.284	3.175	9.2	22.1
11 27	1 30.06	+ 5 55.7	2.373	3.176	12.0	22.3

297305 1998 TT_{8} 10 23.6 300°.39 0°.6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.60	+10 7.9	1.747	2.590	14.8	21.1
9 28	2 15.53	+10 12.1	1.661	2.577	11.3	20.9
10 8	2 8.03	+10 9.2	1.597	2.564	7.1	20.6
10 18	1 58.74	+10 1.1	1.558	2.551	2.6	20.3
10 28	1 48.68	+ 9 51.3	1.548	2.538	2.4	20.2
11 7	1 39.05	+ 9 44.2	1.565	2.525	7.1	20.5
11 17	1 30.96	+ 9 43.6	1.609	2.513	11.4	20.7
11 27	1 25.26	+ 9 53.3	1.675	2.501	15.2	21.0

237193 2008 UX_{247} 10 23.6 318°.43 0°.6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.70	+12 8.8	1.572	2.422	15.8	20.4
9 28	2 13.49	+11 47.9	1.494	2.414	12.0	20.1
10 8	2 6.79	+11 15.3	1.438	2.406	7.6	19.8
10 18	1 58.28	+10 34.1	1.406	2.399	2.7	19.5
10 28	1 49.08	+ 9 49.9	1.401	2.392	2.5	19.5
11 7	1 40.44	+ 9 9.2	1.423	2.385	7.5	19.8
11 17	1 33.46	+ 8 38.3	1.470	2.379	12.0	20.0
11 27	1 28.98	+ 8 21.8	1.540	2.373	15.9	20.3

510244 2011 FR_{63} 10 23.6 240°.35 0°.1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.24	+14 0.1	1.915	2.744	14.2	22.8
9 28	2 15.10	+13 27.5	1.821	2.729	10.9	22.6
10 8	2 7.68	+12 41.9	1.749	2.713	7.0	22.3
10 18	1 58.61	+11 46.1	1.704	2.696	2.6	22.0
10 28	1 48.82	+10 45.0	1.688	2.678	2.1	21.9
11 7	1 39.43	+ 9 45.1	1.701	2.660	6.7	22.2
11 17	1 31.46	+ 8 53.0	1.741	2.641	10.9	22.4
11 27	1 25.71	+ 8 14.0	1.804	2.622	14.6	22.6

158134 2001 FT_{64} 10 23.6 224°.65 0°.4/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.67	+11 37.8	2.559	3.386	11.1	20.9
9 28	2 11.76	+11 21.4	2.472	3.380	8.4	20.7
10 8	2 5.25	+10 57.9	2.410	3.373	5.3	20.5
10 18	1 57.64	+10 29.5	2.375	3.367	1.9	20.2
10 28	1 49.61	+ 9 59.3	2.370	3.360	1.7	20.2
11 7	1 41.92	+ 9 30.9	2.395	3.352	5.2	20.5
11 17	1 35.25	+ 9 8.0	2.448	3.345	8.3	20.6
11 27	1 30.18	+ 8 53.6	2.527	3.337	11.1	20.8

421815 2014 QA_{52} 10 23.6 24°.01 6°.0/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.98	− 1 55.4	1.790	2.657	13.4	20.0
9 28	2 10.12	− 3 12.2	1.738	2.663	10.3	19.8
10 8	2 4.34	− 4 27.8	1.710	2.670	7.4	19.6
10 18	1 57.30	− 5 34.8	1.706	2.677	6.1	19.6
10 28	1 49.91	− 6 26.0	1.730	2.685	7.3	19.7
11 7	1 43.13	− 6 56.3	1.779	2.693	10.1	19.9
11 17	1 37.74	− 7 3.9	1.853	2.702	13.0	20.1
11 27	1 34.34	− 6 48.9	1.946	2.711	15.6	20.3

212306 2005 OT_{4} 10 23.6 195°.07 0°.5/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.72	+15 55.1	1.724	2.555	15.5	21.3
9 28	2 14.78	+15 20.9	1.646	2.554	11.9	21.0
10 8	2 7.47	+14 31.5	1.590	2.552	7.6	20.8
10 18	1 58.50	+13 29.8	1.559	2.550	3.0	20.5
10 28	1 48.95	+12 21.3	1.557	2.548	2.0	20.4
11 7	1 40.00	+11 13.6	1.582	2.545	6.7	20.7
11 17	1 32.67	+10 13.9	1.635	2.542	11.1	21.0
11 27	1 27.72	+ 9 28.2	1.710	2.538	14.8	21.2

253557 2003 SK_{258} 10 23.6 358°.96 0°.5/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.76	+13 25.1	1.096	1.968	19.5	20.1
9 28	2 12.80	+12 56.0	1.034	1.966	14.9	19.8
10 8	2 6.69	+12 9.3	0.991	1.964	9.4	19.5
10 18	1 58.31	+11 9.7	0.970	1.963	3.4	19.1
10 28	1 49.11	+10 5.5	0.972	1.963	3.0	19.1
11 7	1 40.79	+ 9 7.2	0.998	1.964	9.0	19.5
11 17	1 34.70	+ 8 23.6	1.046	1.966	14.5	19.8
11 27	1 31.78	+ 8 0.7	1.114	1.969	19.1	20.1

57676 2001 UR_{36} 10 23.6 155°.11 3°.2/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.97	+ 4 4.1	2.118	2.967	12.3	19.6
9 28	2 12.16	+ 3 18.4	2.049	2.969	9.2	19.4
10 8	2 5.55	+ 2 29.3	2.005	2.971	5.9	19.2
10 18	1 57.75	+ 1 41.5	1.988	2.973	3.4	19.1
10 28	1 49.57	+ 1 0.2	1.999	2.975	4.3	19.2
11 7	1 41.88	+ 0 30.1	2.039	2.977	7.4	19.4
11 17	1 35.45	+ 0 14.3	2.105	2.979	10.6	19.6
11 27	1 30.86	+ 0 14.3	2.195	2.980	13.4	19.8

480050 2015 CY_{21} 10 23.6 150°.38 1°.6/22.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.57	+10 3.2	1.783	2.623	14.7	22.4
9 28	2 15.92	+ 9 22.5	1.716	2.631	11.0	22.2
10 8	2 8.04	+ 8 32.6	1.672	2.639	6.8	21.9
10 18	1 58.69	+ 7 37.8	1.654	2.646	2.6	21.7
10 28	1 48.88	+ 6 44.0	1.665	2.653	3.1	21.7
11 7	1 39.76	+ 5 57.6	1.705	2.658	7.3	22.0
11 17	1 32.24	+ 5 23.5	1.771	2.664	11.2	22.3
11 27	1 27.03	+ 5 5.2	1.861	2.668	14.6	22.5

367878 2011 FG_{53} 10 23.6 309°.36 0°.8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.51	+11 22.8	2.168	3.008	12.4	20.9
9 28	2 10.46	+10 55.2	2.080	2.995	9.4	20.7
10 8	2 4.59	+10 18.8	2.016	2.983	5.9	20.5
10 18	1 57.45	+ 9 36.6	1.979	2.971	2.1	20.2
10 28	1 49.79	+ 8 52.9	1.970	2.959	2.2	20.2
11 7	1 42.51	+ 8 12.5	1.989	2.947	6.0	20.4
11 17	1 36.37	+ 7 40.1	2.036	2.936	9.6	20.6
11 27	1 32.03	+ 7 19.4	2.107	2.925	12.8	20.8

293141 2006 XM_{69} 10 23.6 287°.96 2°.4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.52	+ 5 56.2	2.034	2.882	12.8	20.5
9 28	2 12.73	+ 5 29.0	1.957	2.877	9.6	20.3
10 8	2 6.02	+ 4 57.4	1.904	2.872	6.1	20.1
10 18	1 57.97	+ 4 25.0	1.878	2.867	2.9	19.9
10 28	1 49.43	+ 3 56.6	1.880	2.862	3.6	19.9
11 7	1 41.35	+ 3 36.7	1.910	2.857	7.1	20.1
11 17	1 34.57	+ 3 28.5	1.967	2.853	10.6	20.3
11 27	1 29.73	+ 3 34.1	2.047	2.848	13.7	20.5

450080 2015 RX_{75} 10 23.6 40°.52 1°.3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.24	+16 14.3	1.765	2.597	15.2	20.2
9 28	2 13.54	+16 12.2	1.698	2.605	11.7	20.0
10 8	2 6.62	+15 57.2	1.653	2.613	7.6	19.8
10 18	1 58.19	+15 31.0	1.633	2.622	3.3	19.6
10 28	1 49.28	+14 57.4	1.640	2.631	2.0	19.5
11 7	1 41.00	+14 21.7	1.676	2.641	6.1	19.8
11 17	1 34.30	+13 49.5	1.737	2.651	10.1	20.1
11 27	1 29.87	+13 25.8	1.823	2.661	13.6	20.3

512843 2016 UT_{143} 10 23.6 249°.80 0°.7/23.1 18

9 18	2 17.50	+13 19.1	1.725	2.567	15.0	21.3
9 28	2 13.12	+12 32.7	1.644	2.560	11.4	21.0
10 8	2 6.46	+11 32.5	1.586	2.553	7.2	20.8
10 18	1 58.17	+10 22.5	1.553	2.546	2.6	20.5
10 28	1 49.27	+ 9 9.1	1.549	2.538	2.5	20.4
11 7	1 40.91	+ 8 0.2	1.572	2.531	7.2	20.7
11 17	1 34.09	+ 7 2.7	1.621	2.523	11.5	21.0
11 27	1 29.55	+ 6 21.9	1.693	2.515	15.2	21.2

237914 2002 PR_{104} 10 23.6 59°.44 4°.2/19.8 18

9 18	2 15.74	+ 5 51.7	1.595	2.459	14.9	19.8
9 28	2 11.56	+ 4 13.2	1.549	2.477	11.1	19.6
10 8	2 5.27	+ 2 28.3	1.525	2.495	7.1	19.4
10 18	1 57.65	+ 0 45.6	1.528	2.514	4.3	19.3
10 28	1 49.74	− 0 45.4	1.559	2.532	5.7	19.4
11 7	1 42.62	− 1 57.2	1.616	2.551	9.3	19.7
11 17	1 37.10	− 2 45.2	1.698	2.570	12.8	20.0
11 27	1 33.79	− 3 8.3	1.801	2.588	15.8	20.2

331989 2005 EC_{292} 10 23.6 255°.19 4°.3/20.4 18

9 18	2 19.90	+ 4 38.8	1.583	2.441	15.3	20.9
9 28	2 15.17	+ 3 35.3	1.501	2.426	11.6	20.6
10 8	2 7.89	+ 2 24.2	1.442	2.410	7.6	20.3
10 18	1 58.74	+ 1 12.3	1.408	2.394	4.4	20.1
10 28	1 48.81	+ 0 8.1	1.401	2.377	5.8	20.2
11 7	1 39.39	− 0 40.4	1.421	2.360	9.9	20.4
11 17	1 31.61	− 1 7.8	1.465	2.343	14.1	20.6
11 27	1 26.35	− 1 11.7	1.530	2.325	17.8	20.8

64843 2001 YB_{11} 10 23.6 223°.63 0°.4/23.2 18

9 18	2 16.13	+12 38.4	2.217	3.049	12.4	20.1
9 28	2 11.58	+12 7.9	2.135	3.046	9.4	19.9
10 8	2 5.24	+11 28.0	2.078	3.043	5.9	19.7
10 18	1 57.68	+10 41.4	2.047	3.039	2.1	19.4
10 28	1 49.68	+ 9 52.5	2.046	3.036	1.9	19.4
11 7	1 42.10	+ 9 6.4	2.074	3.032	5.7	19.7
11 17	1 35.72	+ 8 27.6	2.129	3.029	9.3	19.9
11 27	1 31.13	+ 8 0.0	2.209	3.025	12.3	20.1

484940 2009 SD_{181} 10 23.6 284°.02 1°.1/22.5 18

9 18	2 14.28	+11 17.0	2.191	3.031	12.3	21.5
9 28	2 10.22	+10 30.6	2.107	3.023	9.2	21.3
10 8	2 4.41	+ 9 34.8	2.047	3.015	5.8	21.1
10 18	1 57.38	+ 8 33.1	2.015	3.007	2.1	20.9
10 28	1 49.91	+ 7 30.7	2.011	2.999	2.5	20.9
11 7	1 42.83	+ 6 33.4	2.037	2.991	6.2	21.1
11 17	1 36.91	+ 5 46.1	2.089	2.984	9.7	21.3
11 27	1 32.75	+ 5 12.5	2.166	2.976	12.7	21.5

430106 2013 TV 10 23.6 124°.77 2°.8/21.6 17

9 18	2 21.31	+ 7 33.3	1.560	2.413	15.8	21.5
9 28	2 15.95	+ 6 42.9	1.500	2.423	11.8	21.3
10 8	2 8.16	+ 5 44.5	1.463	2.432	7.4	21.1
10 18	1 58.76	+ 4 44.1	1.451	2.441	3.4	20.9
10 28	1 48.90	+ 3 48.9	1.467	2.450	4.3	21.0
11 7	1 39.84	+ 3 5.7	1.509	2.458	8.5	21.2
11 17	1 32.58	+ 2 39.4	1.577	2.466	12.6	21.5
11 27	1 27.81	+ 2 32.2	1.667	2.474	16.1	21.7

37040 2000 UP_{22} 10 23.6 202°.72 1°.9/22.0 18

9 18	2 17.85	+ 9 32.5	1.794	2.642	14.2	19.4
9 28	2 13.21	+ 8 43.9	1.721	2.640	10.7	19.2
10 8	2 6.42	+ 7 45.8	1.670	2.639	6.7	18.9
10 18	1 58.14	+ 6 42.8	1.646	2.637	2.7	18.7
10 28	1 49.35	+ 5 41.6	1.649	2.635	3.4	18.7
11 7	1 41.12	+ 4 48.7	1.681	2.633	7.5	19.0
11 17	1 34.38	+ 4 9.5	1.739	2.631	11.4	19.2
11 27	1 29.82	+ 3 47.5	1.819	2.629	14.8	19.4

195825 2002 QJ_{40} 10 23.6 3°.38 3°.5/20.6 18

9 18	2 14.35	+ 3 45.3	1.906	2.765	13.0	19.3
9 28	2 10.40	+ 3 3.0	1.840	2.765	9.8	19.1
10 8	2 4.56	+ 2 17.5	1.797	2.765	6.3	18.9
10 18	1 57.44	+ 1 33.8	1.780	2.766	3.7	18.7
10 28	1 49.90	+ 0 57.5	1.791	2.768	4.7	18.8
11 7	1 42.87	+ 0 33.4	1.829	2.770	7.9	19.0
11 17	1 37.17	+ 0 24.6	1.892	2.772	11.3	19.2
11 27	1 33.39	+ 0 32.6	1.977	2.775	14.2	19.4

452784 2006 EZ_{63} 10 23.6 272°.99 0°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 13.72	+13 48.0	2.349	3.180	11.9	21.5
9 28	2 9.72	+12 59.2	2.260	3.170	9.0	21.3
10 8	2 4.06	+11 59.3	2.195	3.159	5.7	21.1
10 18	1 57.26	+10 51.5	2.157	3.149	2.0	20.8
10 28	1 50.02	+ 9 40.7	2.149	3.138	1.9	20.8
11 7	1 43.15	+ 8 32.7	2.170	3.128	5.6	21.0
11 17	1 37.34	+ 7 32.6	2.219	3.117	9.0	21.2
11 27	1 33.20	+ 6 45.0	2.293	3.107	12.0	21.4

319173 2005 YS_{111} 10 23.6 120°.48 1°.0/22.6 18

9 18	2 15.45	+10 47.0	2.270	3.107	12.0	20.9
9 28	2 10.96	+10 11.2	2.196	3.110	9.0	20.7
10 8	2 4.79	+ 9 27.5	2.146	3.113	5.6	20.5
10 18	1 57.51	+ 8 39.3	2.124	3.116	2.0	20.2
10 28	1 49.85	+ 7 51.0	2.131	3.119	2.3	20.3
11 7	1 42.65	+ 7 7.4	2.167	3.122	5.8	20.5
11 17	1 36.61	+ 6 32.7	2.230	3.124	9.2	20.7
11 27	1 32.28	+ 6 10.0	2.318	3.127	12.0	20.9

353334 2010 OY_{83} 10 23.6 318°.44 3°.5/26.5 18

9 18	2 15.43	+23 7.3	1.557	2.378	17.3	20.2
9 28	2 12.03	+22 53.5	1.471	2.366	13.9	19.9
10 8	2 6.03	+22 17.1	1.404	2.353	9.9	19.6
10 18	1 58.09	+21 18.4	1.361	2.342	5.6	19.4
10 28	1 49.36	+20 1.2	1.343	2.330	3.6	19.2
11 7	1 41.17	+18 33.8	1.352	2.319	6.9	19.4
11 17	1 34.69	+17 6.1	1.386	2.309	11.4	19.6
11 27	1 30.82	+15 47.9	1.443	2.299	15.5	19.9

476942 2008 WS_{140} 10 23.6 17°.89 2°.2/25.0 18

9 18	2 17.45	+17 21.3	1.245	2.097	19.0	20.4
9 28	2 13.77	+17 29.8	1.186	2.103	14.7	20.2
10 8	2 7.16	+17 20.6	1.146	2.110	9.8	20.0
10 18	1 58.48	+16 54.9	1.129	2.118	4.6	19.7
10 28	1 49.14	+16 17.4	1.136	2.127	2.8	19.6
11 7	1 40.66	+15 35.5	1.168	2.137	7.6	19.9
11 17	1 34.31	+14 57.4	1.224	2.148	12.4	20.2
11 27	1 30.91	+14 30.0	1.301	2.160	16.6	20.5

3167 Babcock 10 23.6 104°.80 2°.4/25.2 18

9 18	2 25.97	+17 12.8	1.791	2.604	15.7	15.5
9 28	2 19.43	+17 47.1	1.721	2.615	12.2	15.3
10 8	2 10.39	+18 9.5	1.673	2.626	8.3	15.1
10 18	1 59.62	+18 19.5	1.651	2.636	4.1	14.9
10 28	1 48.25	+18 18.4	1.658	2.646	2.8	14.8
11 7	1 37.56	+18 9.9	1.694	2.657	6.3	15.1
11 17	1 28.63	+17 59.0	1.757	2.666	10.3	15.3
11 27	1 22.24	+17 51.0	1.844	2.676	13.7	15.6

27264 Frankclayton 10 23.7 226°.98 2°.7/25.6 18

9 18	2 23.40	+19 26.4	1.869	2.677	15.4	18.8
9 28	2 17.67	+19 39.0	1.778	2.668	12.1	18.6
10 8	2 9.43	+19 37.2	1.708	2.658	8.4	18.4
10 18	1 59.33	+19 20.8	1.664	2.647	4.4	18.1
10 28	1 48.43	+18 51.6	1.648	2.636	2.9	18.0
11 7	1 37.96	+18 14.4	1.661	2.624	6.4	18.2
11 17	1 29.07	+17 35.3	1.701	2.612	10.5	18.4
11 27	1 22.61	+17 0.9	1.765	2.599	14.2	18.6

174106 2002 JS_{53} 10 23.7 73°.11 1°.1/23.0 17

9 18	2 23.36	+11 4.7	1.319	2.173	18.0	20.1
9 28	2 17.78	+10 42.7	1.270	2.192	13.6	19.9
10 8	2 9.41	+10 9.5	1.242	2.211	8.4	19.7
10 18	1 59.23	+ 9 29.5	1.237	2.230	3.0	19.4
10 28	1 48.65	+ 8 49.1	1.259	2.249	3.0	19.5
11 7	1 39.11	+ 8 15.3	1.307	2.268	8.1	19.8
11 17	1 31.75	+ 7 53.8	1.380	2.286	12.8	20.1
11 27	1 27.27	+ 7 48.0	1.474	2.305	16.6	20.4

113857 2002 TT_{250} 10 23.7 111°.79 1°.0/24.3 17

9 18	2 23.77	+15 2.8	1.620	2.450	16.3	19.9
9 28	2 17.87	+15 2.6	1.555	2.462	12.5	19.7
10 8	2 9.43	+14 49.7	1.512	2.474	8.1	19.4
10 18	1 59.27	+14 25.8	1.495	2.485	3.3	19.2
10 28	1 48.59	+13 54.8	1.505	2.496	2.1	19.1
11 7	1 38.68	+13 22.4	1.543	2.507	6.7	19.4
11 17	1 30.64	+12 54.5	1.608	2.517	11.1	19.7
11 27	1 25.20	+12 36.2	1.695	2.527	14.7	20.0

107858 2001 FB_{79} 10 23.7 142°.41 1°.6/21.9 18

9 18	2 17.64	+ 9 46.1	2.388	3.220	11.6	20.9
9 28	2 12.44	+ 8 51.1	2.320	3.232	8.7	20.8
10 8	2 5.64	+ 7 48.9	2.278	3.244	5.4	20.6
10 18	1 57.81	+ 6 43.3	2.264	3.255	2.1	20.4
10 28	1 49.71	+ 5 39.6	2.281	3.266	2.7	20.4
11 7	1 42.10	+ 4 42.8	2.327	3.275	6.0	20.7
11 17	1 35.67	+ 3 57.1	2.402	3.285	9.1	20.9
11 27	1 30.91	+ 3 25.2	2.501	3.293	11.8	21.1

149830 2005 NK_{99} 10 23.7 32°.49 8°.2/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 17.70	− 3 10.7	1.281	2.158	16.9	19.1
9 28	2 13.60	− 4 38.5	1.235	2.164	13.2	18.9
10 8	2 6.84	− 6 3.2	1.211	2.171	9.7	18.7
10 18	1 58.32	− 7 14.1	1.210	2.179	8.2	18.7
10 28	1 49.35	− 8 1.4	1.233	2.187	9.7	18.8
11 7	1 41.28	− 8 19.3	1.279	2.195	13.0	19.0
11 17	1 35.19	− 8 6.7	1.347	2.204	16.4	19.2
11 27	1 31.80	− 7 26.3	1.433	2.213	19.5	19.5

33996 2000 OK_2 10 23.7 2°.47 0°.3/23.9 18

9 18	2 14.57	+14 22.7	1.499	2.352	16.3	18.6
9 28	2 11.18	+14 4.8	1.431	2.351	12.4	18.4
10 8	2 5.35	+13 33.1	1.383	2.350	8.0	18.1
10 18	1 57.82	+12 50.5	1.359	2.351	3.0	17.8
10 28	1 49.69	+12 2.5	1.361	2.353	2.1	17.8
11 7	1 42.19	+11 16.1	1.390	2.355	7.1	18.1
11 17	1 36.38	+10 38.0	1.443	2.359	11.6	18.4
11 27	1 33.02	+10 13.5	1.518	2.364	15.4	18.6

252875 2002 JD_{42} 10 23.7 124°.04 0°.9/24.4 18

9 18	2 20.21	+17 44.4	1.517	2.350	17.1	20.5
9 28	2 15.35	+17 3.7	1.450	2.358	13.2	20.2
10 8	2 7.92	+16 4.3	1.404	2.366	8.6	20.0
10 18	1 58.74	+14 49.6	1.383	2.373	3.5	19.7
10 28	1 49.03	+13 26.5	1.389	2.380	2.1	19.6
11 7	1 40.11	+12 4.2	1.422	2.387	7.1	20.0
11 17	1 33.07	+10 51.4	1.482	2.393	11.7	20.3
11 27	1 28.65	+ 9 55.1	1.564	2.400	15.6	20.5

265626 2005 SL_{170} 10 23.7 158°.83 2°.9/26.2 18

9 18	2 19.73	+21 13.3	2.216	3.013	13.6	21.2
9 28	2 14.43	+21 28.0	2.133	3.015	10.8	21.0
10 8	2 7.13	+21 29.3	2.073	3.016	7.6	20.8
10 18	1 58.44	+21 17.0	2.040	3.018	4.4	20.6
10 28	1 49.22	+20 53.1	2.035	3.020	3.0	20.5
11 7	1 40.45	+20 21.2	2.059	3.021	5.4	20.7
11 17	1 33.00	+19 46.3	2.111	3.022	8.7	20.9
11 27	1 27.54	+19 13.9	2.188	3.023	11.7	21.1

425587 2010 TE_{143} 10 23.7 58°.75 3°.5/25.9 15

9 18	2 23.13	+20 38.7	1.200	2.036	20.5	21.0
9 28	2 18.07	+20 49.3	1.149	2.054	16.1	20.7
10 8	2 9.83	+20 37.8	1.117	2.073	11.1	20.5
10 18	1 59.45	+20 4.7	1.107	2.091	5.9	20.3
10 28	1 48.53	+19 14.7	1.122	2.110	3.8	20.2
11 7	1 38.75	+18 16.7	1.162	2.130	7.8	20.5
11 17	1 31.42	+17 20.5	1.226	2.149	12.5	20.8
11 27	1 27.32	+16 34.8	1.311	2.168	16.7	21.2

90297 2003 EL_{31} 10 23.7 88°.09 1°.7/22.3 18

9 18	2 20.60	+10 3.1	1.622	2.470	15.5	20.0
9 28	2 15.25	+ 9 18.6	1.570	2.489	11.6	19.8
10 8	2 7.64	+ 8 24.7	1.539	2.508	7.2	19.6
10 18	1 58.58	+ 7 26.5	1.534	2.526	2.7	19.3
10 28	1 49.19	+ 6 30.7	1.557	2.545	3.2	19.4
11 7	1 40.63	+ 5 43.9	1.608	2.563	7.5	19.7
11 17	1 33.82	+ 5 11.0	1.685	2.580	11.5	20.0
11 27	1 29.38	+ 4 54.8	1.784	2.598	14.9	20.3

115673 2003 UW_{145} 10 23.7 323°.71 3°.0/21.2 17

9 18	2 15.56	+ 4 34.7	1.944	2.799	13.0	18.9
9 28	2 11.46	+ 4 6.4	1.860	2.784	9.8	18.7
10 8	2 5.36	+ 3 34.1	1.799	2.768	6.3	18.5
10 18	1 57.82	+ 3 2.2	1.765	2.753	3.3	18.3
10 28	1 49.70	+ 2 35.8	1.758	2.738	4.2	18.3
11 7	1 41.96	+ 2 19.4	1.778	2.724	7.7	18.5
11 17	1 35.50	+ 2 16.5	1.825	2.711	11.3	18.7
11 27	1 31.02	+ 2 28.9	1.894	2.698	14.5	18.9

240202 2002 RH_{133} 10 23.7 24°.11 7°.7/18.9 18

9 18	2 17.20	− 3 41.4	1.276	2.154	16.9	18.8
9 28	2 13.14	− 4 40.3	1.236	2.166	13.1	18.6
10 8	2 6.49	− 5 34.0	1.217	2.179	9.6	18.4
10 18	1 58.19	− 6 13.4	1.221	2.193	7.7	18.4
10 28	1 49.52	− 6 31.1	1.249	2.208	9.0	18.5
11 7	1 41.81	− 6 23.2	1.301	2.224	12.1	18.7
11 17	1 36.08	− 5 49.7	1.374	2.241	15.5	19.0
11 27	1 32.97	− 4 53.3	1.467	2.260	18.6	19.3

90201 2003 AW_{64} 10 23.7 257°.71 3°.0/21.3 18

9 18	2 20.30	+ 3 19.9	2.146	2.988	12.4	19.9
9 28	2 14.83	+ 3 0.4	2.059	2.975	9.4	19.7
10 8	2 7.40	+ 2 38.9	1.996	2.961	6.1	19.4
10 18	1 58.56	+ 2 19.0	1.961	2.948	3.3	19.2
10 28	1 49.15	+ 2 4.8	1.955	2.934	4.1	19.3
11 7	1 40.12	+ 2 0.1	1.978	2.919	7.4	19.4
11 17	1 32.34	+ 2 7.5	2.028	2.905	10.8	19.6
11 27	1 26.49	+ 2 28.4	2.101	2.890	13.8	19.8

92270 2000 CU_{29} 10 23.7 358°.87 10°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.58	+32 44.2	1.337	2.129	21.2	18.0
9 28	2 12.17	+34 18.1	1.267	2.122	18.3	17.8
10 8	2 6.57	+35 26.4	1.214	2.118	15.2	17.6
10 18	1 58.45	+36 2.3	1.179	2.115	12.4	17.4
10 28	1 49.20	+36 2.5	1.166	2.115	10.8	17.3
11 7	1 40.55	+35 30.0	1.175	2.117	11.2	17.4
11 17	1 34.09	+34 33.3	1.206	2.121	13.5	17.5
11 27	1 30.93	+33 24.6	1.258	2.127	16.4	17.7

34065 2000 OD_{52} 10 23.7 58°.97 3°.0/25.3 18

9 18	2 27.19	+17 6.3	1.518	2.341	17.6	17.5
9 28	2 20.72	+17 57.7	1.456	2.355	13.7	17.3
10 8	2 11.39	+18 36.5	1.415	2.369	9.3	17.0
10 18	2 0.05	+19 1.0	1.399	2.383	4.8	16.8
10 28	1 48.07	+19 11.9	1.410	2.398	3.3	16.8
11 7	1 36.92	+19 13.0	1.449	2.413	7.1	17.0
11 17	1 27.86	+19 9.6	1.514	2.427	11.3	17.3
11 27	1 21.73	+19 7.9	1.602	2.442	15.0	17.6

121373 1999 TB_{80} 10 23.7 245°.75 0°.8/22.9 18

9 18	2 16.34	+10 58.1	2.417	3.249	11.5	20.9
9 28	2 11.67	+10 31.0	2.327	3.238	8.7	20.7
10 8	2 5.31	+ 9 56.2	2.262	3.227	5.5	20.5
10 18	1 57.77	+ 9 16.4	2.224	3.216	2.0	20.2
10 28	1 49.77	+ 8 35.4	2.216	3.205	2.1	20.2
11 7	1 42.11	+ 7 57.6	2.237	3.193	5.6	20.4
11 17	1 35.51	+ 7 27.1	2.286	3.181	9.0	20.6
11 27	1 30.57	+ 7 7.1	2.360	3.169	11.9	20.8

67171 2000 AQ_{244} 10 23.7 288°.83 5°.6/18.2 18

9 18	2 14.84	+ 1 11.7	1.786	2.650	13.6	19.3
9 28	2 10.94	− 0 26.8	1.719	2.645	10.3	19.0
10 8	2 5.01	− 2 9.2	1.676	2.640	7.2	18.9
10 18	1 57.68	− 3 47.3	1.659	2.635	5.6	18.8
10 28	1 49.87	− 5 12.1	1.671	2.630	7.1	18.8
11 7	1 42.59	− 6 16.2	1.708	2.625	10.2	19.0
11 17	1 36.71	− 6 55.6	1.770	2.620	13.4	19.2
11 27	1 32.88	− 7 9.2	1.852	2.616	16.3	19.4

8939 Onodajunjiro 10 23.7 298°.10 0°.2/23.9 18

9 18	2 16.75	+13 56.5	2.017	2.850	13.5	18.1
9 28	2 12.31	+13 40.4	1.933	2.843	10.3	17.9
10 8	2 5.87	+13 13.6	1.872	2.835	6.6	17.6
10 18	1 58.01	+12 38.4	1.836	2.828	2.5	17.3
10 28	1 49.60	+11 58.7	1.830	2.821	1.8	17.3
11 7	1 41.62	+11 19.5	1.851	2.813	5.9	17.6
11 17	1 34.94	+10 46.0	1.900	2.806	9.8	17.8
11 27	1 30.26	+10 22.4	1.973	2.799	13.2	18.0

521952 2015 VG_{140} 10 23.7 92°.17 0°.7/22.9 18

9 18	2 14.87	+12 53.4	2.176	3.011	12.5	21.3
9 28	2 10.62	+12 6.5	2.102	3.015	9.4	21.1
10 8	2 4.64	+11 9.4	2.053	3.019	5.9	20.9
10 18	1 57.51	+10 5.7	2.031	3.023	2.1	20.7
10 28	1 50.02	+ 9 0.5	2.037	3.027	2.1	20.7
11 7	1 43.00	+ 7 59.6	2.073	3.031	5.8	21.0
11 17	1 37.18	+ 7 8.1	2.137	3.035	9.3	21.2
11 27	1 33.14	+ 6 29.8	2.225	3.039	12.3	21.4

4852 Pamjones 10 23.7 102°.02 1°.1/22.9 18

9 18	2 24.07	+ 9 57.7	1.496	2.342	16.7	17.4
9 28	2 18.20	+ 9 46.5	1.436	2.353	12.6	17.2
10 8	2 9.69	+ 9 26.5	1.397	2.364	7.9	17.0
10 18	1 59.40	+ 9 1.0	1.383	2.375	2.9	16.7
10 28	1 48.60	+ 8 35.2	1.397	2.386	2.9	16.7
11 7	1 38.64	+ 8 14.6	1.437	2.396	7.7	17.0
11 17	1 30.64	+ 8 4.1	1.504	2.407	12.2	17.3
11 27	1 25.36	+ 8 6.7	1.593	2.416	15.9	17.6

290549 2005 UX_{92} 10 23.7 135°.74 1°.5/24.9 18

9 18	2 17.90	+17 26.9	2.199	3.014	13.1	20.7
9 28	2 12.98	+17 22.1	2.119	3.016	10.1	20.5
10 8	2 6.18	+17 5.5	2.063	3.019	6.7	20.3
10 18	1 58.10	+16 38.5	2.034	3.021	3.1	20.1
10 28	1 49.56	+16 4.0	2.033	3.023	1.9	20.0
11 7	1 41.48	+15 26.4	2.061	3.025	5.3	20.2
11 17	1 34.67	+14 50.5	2.118	3.027	8.8	20.4
11 27	1 29.75	+14 20.9	2.199	3.029	11.8	20.6

135835 2002 SZ_3 10 23.7 128°.92 0°.9/24.5 18

9 18	2 21.48	+15 31.7	2.244	3.058	12.9	20.6
9 28	2 15.50	+15 28.3	2.174	3.071	9.9	20.5
10 8	2 7.67	+15 14.8	2.128	3.085	6.4	20.3
10 18	1 58.62	+14 52.7	2.109	3.098	2.7	20.1
10 28	1 49.19	+14 24.9	2.120	3.110	1.7	20.0
11 7	1 40.32	+13 55.5	2.160	3.122	5.3	20.3
11 17	1 32.78	+13 28.8	2.230	3.134	8.7	20.5
11 27	1 27.17	+13 8.8	2.324	3.145	11.6	20.7

358543 2007 TM_{120} 10 23.7 336.°90 9.°0/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.77	+31 33.6	1.534	2.311	19.5	20.8
9 28	2 15.84	+32 44.5	1.450	2.300	16.7	20.6
10 8	2 8.79	+33 32.5	1.384	2.291	13.6	20.4
10 18	1 59.28	+33 52.0	1.339	2.281	10.7	20.2
10 28	1 48.60	+33 40.2	1.318	2.273	9.1	20.1
11 7	1 38.40	+33 0.2	1.320	2.265	9.9	20.1
11 17	1 30.20	+31 59.9	1.347	2.258	12.6	20.3
11 27	1 25.13	+30 50.8	1.395	2.252	15.8	20.4

374828 2006 UK_{219} 10 23.7 8.°00 1.°0/24.1 18

9 18	2 22.38	+12 41.4	1.162	2.022	19.5	20.2
9 28	2 17.82	+13 11.5	1.099	2.022	15.0	20.0
10 8	2 9.94	+13 30.4	1.055	2.023	9.7	19.7
10 18	1 59.63	+13 38.7	1.034	2.025	3.9	19.4
10 28	1 48.42	+13 39.3	1.037	2.028	2.6	19.3
11 7	1 38.09	+13 37.7	1.065	2.032	8.4	19.7
11 17	1 30.11	+13 39.4	1.116	2.037	13.7	20.0
11 27	1 25.47	+13 49.9	1.187	2.042	18.2	20.3

330598 2008 DZ_{9} 10 23.7 52.°14 2.°0/25.0 18

9 18	2 20.63	+18 7.6	1.370	2.208	18.3	21.0
9 28	2 16.05	+18 1.6	1.303	2.212	14.3	20.7
10 8	2 8.59	+17 37.0	1.256	2.216	9.5	20.4
10 18	1 59.08	+16 55.5	1.232	2.220	4.4	20.2
10 28	1 48.87	+16 2.0	1.233	2.224	2.6	20.1
11 7	1 39.46	+15 4.4	1.261	2.228	7.4	20.4
11 17	1 32.10	+14 11.4	1.313	2.232	12.2	20.7
11 27	1 27.65	+13 30.6	1.388	2.237	16.4	20.9

78016 2002 JB_{59} 10 23.7 93.°40 3.°3/21.7 18

9 18	2 25.56	+ 4 46.3	1.456	2.309	16.7	19.2
9 28	2 19.21	+ 4 23.4	1.405	2.327	12.5	19.0
10 8	2 10.24	+ 3 56.8	1.376	2.344	7.9	18.8
10 18	1 59.58	+ 3 31.7	1.372	2.361	3.9	18.6
10 28	1 48.54	+ 3 13.6	1.395	2.378	4.7	18.7
11 7	1 38.48	+ 3 7.4	1.445	2.394	8.8	19.0
11 17	1 30.46	+ 3 15.8	1.521	2.410	13.0	19.3
11 27	1 25.18	+ 3 39.9	1.618	2.426	16.4	19.6

292847 2006 UP_{328} 10 23.7 238.°54 0.°7/23.2 18

9 18	2 21.15	+11 46.8	1.503	2.350	16.5	21.4
9 28	2 16.21	+11 28.6	1.430	2.348	12.6	21.2
10 8	2 8.60	+10 58.9	1.378	2.346	7.9	20.9
10 18	1 59.08	+10 21.0	1.351	2.344	2.9	20.6
10 28	1 48.86	+ 9 40.4	1.351	2.341	2.6	20.6
11 7	1 39.30	+ 9 3.7	1.378	2.339	7.7	20.9
11 17	1 31.58	+ 8 37.1	1.430	2.337	12.4	21.2
11 27	1 26.53	+ 8 25.0	1.504	2.334	16.4	21.4

303159 2004 EX_{56} 10 23.7 215.°64 4.°0/28.0 18

9 18	2 17.38	+27 42.4	2.267	3.038	14.1	20.6
9 28	2 12.71	+27 20.1	2.174	3.032	11.5	20.4
10 8	2 6.08	+26 37.9	2.102	3.027	8.6	20.2
10 18	1 58.09	+25 35.9	2.055	3.021	5.6	20.0
10 28	1 49.61	+24 17.0	2.037	3.015	4.0	19.9
11 7	1 41.60	+22 46.8	2.048	3.009	5.6	20.0
11 17	1 34.89	+21 12.9	2.088	3.002	8.6	20.2
11 27	1 30.16	+19 43.1	2.154	2.995	11.7	20.4

515172 2011 SE_{56} 10 23.7 318.°60 2.°0/22.2 18

9 18	2 18.51	+ 7 37.0	1.701	2.553	14.7	21.0
9 28	2 13.94	+ 7 17.6	1.623	2.545	11.1	20.8
10 8	2 7.05	+ 6 51.8	1.568	2.537	7.0	20.5
10 18	1 58.50	+ 6 23.3	1.538	2.529	2.9	20.2
10 28	1 49.30	+ 5 57.1	1.535	2.522	3.4	20.3
11 7	1 40.62	+ 5 38.6	1.560	2.515	7.7	20.5
11 17	1 33.48	+ 5 31.8	1.610	2.508	11.8	20.7
11 27	1 28.65	+ 5 39.5	1.683	2.501	15.4	21.0

263612 2008 GJ_{1} 10 23.7 154.°29 1.°8/25.0 16

9 18	2 22.50	+18 2.1	1.734	2.554	15.9	21.2
9 28	2 16.92	+17 57.0	1.661	2.559	12.4	21.0
10 8	2 8.88	+17 36.8	1.608	2.564	8.2	20.8
10 18	1 59.15	+17 2.7	1.581	2.569	3.9	20.5
10 28	1 48.83	+16 18.3	1.582	2.573	2.3	20.4
11 7	1 39.17	+15 29.8	1.612	2.576	6.4	20.7
11 17	1 31.22	+14 44.0	1.668	2.579	10.6	20.9
11 27	1 25.75	+14 6.9	1.748	2.582	14.2	21.2

139475 2001 OT_{102} 10 23.7 0.°14 7.°3/18.4 18

9 18	2 15.48	− 3 21.2	1.465	2.338	15.4	18.4
9 28	2 11.78	− 4 26.9	1.409	2.336	12.0	18.2
10 8	2 5.69	− 5 29.7	1.375	2.335	8.8	18.0
10 18	1 57.97	− 6 21.2	1.364	2.335	7.3	17.9
10 28	1 49.74	− 6 53.2	1.379	2.335	8.6	18.0
11 7	1 42.21	− 7 0.8	1.418	2.337	11.7	18.2
11 17	1 36.38	− 6 42.3	1.479	2.339	15.1	18.4
11 27	1 32.95	− 5 59.5	1.559	2.342	18.1	18.7

449844 2014 QZ_{421} 10 23.7 86.°39 2.°0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.41	+ 8 37.0	2.259	3.103	11.8	21.3
9 28	2 10.15	+ 7 37.5	2.195	3.113	8.8	21.2
10 8	2 4.29	+ 6 31.1	2.154	3.123	5.5	21.0
10 18	1 57.39	+ 5 22.5	2.142	3.132	2.4	20.8
10 28	1 50.19	+ 4 17.2	2.158	3.142	3.2	20.9
11 7	1 43.48	+ 3 20.4	2.204	3.151	6.4	21.1
11 17	1 37.92	+ 2 36.4	2.277	3.160	9.5	21.3
11 27	1 34.02	+ 2 7.6	2.375	3.170	12.2	21.5

11144 Radiocommunicata 10 23.7 344.°15 1.°8/22.2 18

9 18	2 15.70	+ 9 4.7	1.891	2.741	13.5	18.6
9 28	2 11.54	+ 8 27.1	1.818	2.738	10.2	18.3
10 8	2 5.38	+ 7 41.5	1.767	2.736	6.3	18.1
10 18	1 57.85	+ 6 52.0	1.742	2.733	2.5	17.9
10 28	1 49.83	+ 6 4.2	1.745	2.731	3.1	17.9
11 7	1 42.32	+ 5 23.7	1.776	2.730	7.0	18.1
11 17	1 36.16	+ 4 55.1	1.833	2.728	10.8	18.4
11 27	1 32.01	+ 4 41.5	1.913	2.727	14.0	18.6

453456 2009 SX_{24} 10 23.7 46.°19 1.°2/24.8 18

9 18	2 16.00	+17 29.3	1.964	2.789	14.1	21.3
9 28	2 11.67	+17 9.4	1.897	2.800	10.8	21.1
10 8	2 5.40	+16 36.1	1.852	2.810	7.1	20.9
10 18	1 57.83	+15 51.4	1.832	2.821	3.1	20.7
10 28	1 49.87	+14 59.8	1.841	2.832	1.8	20.6
11 7	1 42.48	+14 6.9	1.878	2.843	5.6	20.9
11 17	1 36.48	+13 18.4	1.942	2.855	9.3	21.1
11 27	1 32.48	+12 39.3	2.031	2.866	12.5	21.4

485834 2012 DM_{74} 10 23.7 245.°45 3.°3/26.7 17

9 18	2 18.82	+22 37.9	2.396	3.184	13.0	21.7
9 28	2 13.72	+22 54.9	2.304	3.178	10.4	21.5
10 8	2 6.72	+22 58.7	2.234	3.171	7.5	21.3
10 18	1 58.36	+22 49.0	2.191	3.165	4.6	21.1
10 28	1 49.43	+22 26.8	2.176	3.158	3.3	21.0
11 7	1 40.85	+21 55.7	2.190	3.151	5.3	21.1
11 17	1 33.45	+21 20.1	2.233	3.144	8.3	21.3
11 27	1 27.91	+20 45.5	2.301	3.137	11.2	21.5

384288 2009 RA_{14} 10 23.7 355.°17 2.°6/24.9 18

9 18	2 11.21	+14 51.7	0.855	1.746	21.9	19.4
9 28	2 10.23	+15 37.2	0.796	1.735	17.2	19.1
10 8	2 5.62	+16 6.8	0.753	1.726	11.5	18.8
10 18	1 58.18	+16 19.8	0.729	1.720	5.4	18.4
10 28	1 49.56	+16 18.9	0.725	1.716	3.4	18.3
11 7	1 41.77	+16 11.0	0.741	1.715	9.3	18.6
11 17	1 36.56	+16 4.0	0.777	1.717	15.2	19.0
11 27	1 35.08	+16 6.0	0.830	1.722	20.4	19.3

267276 2001 RG_{71} 10 23.7 47.°91 3.°8/26.1 18

9 18	2 22.37	+20 31.0	1.339	2.169	19.2	19.6
9 28	2 17.36	+20 56.2	1.283	2.183	15.1	19.4
10 8	2 9.39	+21 2.2	1.245	2.198	10.5	19.2
10 18	1 59.37	+20 48.3	1.231	2.213	5.8	18.9
10 28	1 48.75	+20 17.7	1.241	2.228	3.9	18.9
11 7	1 39.07	+19 37.1	1.278	2.244	7.4	19.1
11 17	1 31.60	+18 54.8	1.339	2.261	11.8	19.4
11 27	1 27.15	+18 18.8	1.423	2.277	15.7	19.7

260303 2004 TJ_{119} 10 23.7 349.°93 4.°2/20.2 18

9 18	2 16.27	+ 1 24.8	1.937	2.794	13.0	19.8
9 28	2 11.87	+ 0 42.2	1.869	2.792	9.8	19.6
10 8	2 5.55	− 0 1.6	1.824	2.790	6.6	19.4
10 18	1 57.91	− 0 41.6	1.806	2.788	4.3	19.3
10 28	1 49.84	− 1 12.0	1.815	2.786	5.3	19.4
11 7	1 42.27	− 1 28.5	1.852	2.785	8.4	19.5
11 17	1 36.02	− 1 28.5	1.913	2.784	11.6	19.7
11 27	1 31.74	− 1 11.2	1.998	2.784	14.5	19.9

179741 2002 RP_{141} 10 23.7 100.°85 4.°3/26.9 17

9 18	2 22.45	+24 12.4	1.557	2.362	18.1	20.1
9 28	2 17.17	+24 18.3	1.491	2.374	14.5	19.9
10 8	2 9.16	+24 2.5	1.444	2.386	10.4	19.6
10 18	1 59.28	+23 24.6	1.421	2.397	6.3	19.4
10 28	1 48.82	+22 28.0	1.425	2.408	4.4	19.4
11 7	1 39.18	+21 19.9	1.455	2.419	7.0	19.6
11 17	1 31.53	+20 9.4	1.511	2.430	11.0	19.8
11 27	1 26.64	+19 5.5	1.591	2.440	14.7	20.1

222166 2000 AU_{107} 10 23.7 326.°38 8.°4/16.5 18

9 18	2 14.91	− 8 0.8	1.721	2.585	14.0	19.1
9 28	2 11.23	− 9 12.6	1.649	2.564	11.3	18.9
10 8	2 5.36	−10 19.3	1.598	2.544	9.1	18.8
10 18	1 57.90	−11 12.3	1.572	2.524	8.4	18.7
10 28	1 49.82	−11 43.8	1.571	2.505	9.8	18.7
11 7	1 42.19	−11 48.7	1.594	2.487	12.4	18.8
11 17	1 35.98	−11 25.5	1.639	2.469	15.3	19.0
11 27	1 31.95	−10 35.9	1.704	2.453	18.1	19.1

441782 2009 DY_{63} 10 23.7 242°.06 6°.1/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.28	− 2 36.1	2.005	2.861	12.6	21.5
9 28	2 11.86	− 3 59.6	1.935	2.854	9.8	21.3
10 8	2 5.55	− 5 22.9	1.890	2.846	7.2	21.2
10 18	1 57.93	− 6 39.0	1.872	2.838	6.1	21.1
10 28	1 49.85	− 7 40.4	1.881	2.830	7.3	21.2
11 7	1 42.23	− 8 21.7	1.917	2.821	10.0	21.3
11 17	1 35.88	− 8 40.0	1.978	2.813	12.9	21.5
11 27	1 31.45	− 8 35.2	2.059	2.804	15.5	21.7

511633 2015 BZ_{106} 10 23.7 255°.10 5°.7/28.0 17

9 18	2 20.47	+27 20.8	1.552	2.347	18.5	21.6
9 28	2 16.03	+27 30.5	1.468	2.340	15.3	21.3
10 8	2 8.70	+27 15.7	1.402	2.334	11.5	21.1
10 18	1 59.21	+26 34.1	1.359	2.327	7.7	20.8
10 28	1 48.85	+25 27.7	1.342	2.320	5.7	20.7
11 7	1 39.10	+24 3.5	1.351	2.313	7.7	20.8
11 17	1 31.29	+22 31.9	1.385	2.306	11.6	21.0
11 27	1 26.36	+21 4.3	1.443	2.299	15.5	21.3

82749 2001 QX_{6} 10 23.7 343°.37 0°.9/24.5 18

9 18	2 15.89	+16 31.4	1.699	2.536	15.4	19.4
9 28	2 12.02	+16 9.7	1.621	2.532	11.9	19.2
10 8	2 5.87	+15 33.0	1.565	2.528	7.7	18.9
10 18	1 58.10	+14 43.6	1.534	2.524	3.2	18.7
10 28	1 49.73	+13 46.5	1.530	2.521	1.9	18.6
11 7	1 41.89	+12 48.5	1.553	2.518	6.5	18.9
11 17	1 35.60	+11 56.5	1.601	2.516	10.8	19.1
11 27	1 31.60	+11 16.5	1.674	2.514	14.5	19.3

441277 2007 WK_{29} 10 23.7 341°.15 4°.9/27.8 16

9 18	2 16.79	+26 21.8	1.693	2.492	17.1	20.9
9 28	2 12.92	+26 24.8	1.611	2.488	13.9	20.7
10 8	2 6.55	+26 5.5	1.549	2.484	10.3	20.5
10 18	1 58.38	+25 23.1	1.510	2.480	6.7	20.3
10 28	1 49.51	+24 20.2	1.497	2.477	4.9	20.2
11 7	1 41.22	+23 3.2	1.511	2.475	6.9	20.3
11 17	1 34.61	+21 41.2	1.551	2.472	10.5	20.5
11 27	1 30.50	+20 23.5	1.614	2.470	14.1	20.7

522028 2015 XU_{405} 10 23.7 251°.09 2°.3/21.5 18

9 18	2 15.79	+ 6 12.5	2.345	3.188	11.5	21.4
9 28	2 11.25	+ 5 36.7	2.265	3.183	8.6	21.2
10 8	2 5.06	+ 4 56.3	2.210	3.178	5.4	21.0
10 18	1 57.74	+ 4 15.0	2.183	3.172	2.6	20.8
10 28	1 50.01	+ 3 37.2	2.185	3.166	3.3	20.8
11 7	1 42.66	+ 3 7.1	2.216	3.161	6.4	21.0
11 17	1 36.41	+ 2 48.1	2.273	3.155	9.6	21.2
11 27	1 31.81	+ 2 42.4	2.355	3.149	12.4	21.4

321611 2009 VG_{58} 10 23.7 353°.21 3°.9/17.9 16 R

9 18	2 12.50	− 8 4.0	4.065	4.898	7.2	19.8
9 28	2 8.08	− 8 23.8	3.998	4.897	5.7	19.7
10 8	2 2.74	− 8 39.8	3.958	4.897	4.4	19.6
10 18	1 56.82	− 8 49.4	3.945	4.896	3.9	19.6
10 28	1 50.72	− 8 50.6	3.962	4.895	4.4	19.6
11 7	1 44.87	− 8 41.9	4.009	4.895	5.7	19.7
11 17	1 39.63	− 8 22.7	4.082	4.895	7.2	19.8
11 27	1 35.35	− 7 53.2	4.180	4.894	8.6	19.9

217880 2001 QX_{269} 10 23.7 224°.33 17°.8/ 4.4 17

9 18	2 32.85	+45 30.8	1.277	1.976	26.3	20.3
9 28	2 27.88	+47 53.3	1.207	1.973	24.2	20.1
10 8	2 17.72	+49 43.6	1.150	1.970	21.8	19.9
10 18	2 2.99	+50 47.1	1.108	1.967	19.7	19.8
10 28	1 45.82	+50 52.3	1.084	1.964	18.2	19.7
11 7	1 29.38	+49 58.2	1.078	1.960	17.9	19.7
11 17	1 16.58	+48 15.2	1.091	1.956	18.9	19.7
11 27	1 9.24	+46 2.9	1.123	1.952	20.8	19.8

511555 2014 UM_{225} 10 23.7 15°.76 0°.1/25.8 17

9 18	1 56.17	+17 59.6	39.485	40.278	0.9	23.6
9 28	1 55.46	+17 57.5	39.396	40.278	0.7	23.5
10 8	1 54.67	+17 54.6	39.333	40.279	0.5	23.5
10 18	1 53.84	+17 51.3	39.298	40.280	0.2	23.5
10 28	1 52.98	+17 47.6	39.293	40.281	0.2	23.4
11 7	1 52.14	+17 43.6	39.318	40.282	0.3	23.5
11 17	1 51.35	+17 39.6	39.373	40.283	0.6	23.5
11 27	1 50.63	+17 35.7	39.456	40.284	0.8	23.5

59683 1999 JQ_{104} 10 23.7 93°.31 6°.8/17.8 18

9 18	2 18.67	− 2 49.5	1.715	2.574	14.2	18.6
9 28	2 13.66	− 4 25.5	1.673	2.592	11.0	18.5
10 8	2 6.61	− 5 58.8	1.654	2.610	8.1	18.3
10 18	1 58.28	− 7 20.9	1.662	2.627	6.8	18.3
10 28	1 49.68	− 8 23.6	1.697	2.644	8.1	18.4
11 7	1 41.84	− 9 2.1	1.758	2.661	10.8	18.6
11 17	1 35.59	− 9 14.7	1.842	2.677	13.7	18.9
11 27	1 31.50	− 9 2.7	1.947	2.694	16.2	19.1

240656 2005 CG_{49} 10 23.7 205°.26 11°.1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.71	−17 53.1	1.966	2.803	13.6	20.3
9 28	2 12.24	−20 6.0	1.925	2.801	12.0	20.2
10 8	2 5.80	−22 5.4	1.907	2.799	11.2	20.1
10 18	1 58.02	−23 41.6	1.913	2.796	11.5	20.1
10 28	1 49.82	−24 46.8	1.944	2.793	12.7	20.2
11 7	1 42.19	−25 17.7	1.997	2.790	14.5	20.3
11 17	1 35.94	−25 14.8	2.069	2.787	16.3	20.5
11 27	1 31.72	−24 41.6	2.157	2.784	17.9	20.6

153197 2000 WC_{21} 10 23.7 179°.30 0°.8/22.7 18

9 18	2 15.91	+10 29.1	2.892	3.718	10.0	21.4
9 28	2 11.02	+ 9 57.7	2.811	3.719	7.5	21.2
10 8	2 4.77	+ 9 20.2	2.756	3.720	4.7	21.1
10 18	1 57.61	+ 8 39.1	2.729	3.720	1.7	20.8
10 28	1 50.14	+ 7 57.7	2.732	3.720	1.9	20.9
11 7	1 43.01	+ 7 19.8	2.767	3.720	4.8	21.1
11 17	1 36.80	+ 6 48.5	2.830	3.719	7.6	21.3
11 27	1 31.97	+ 6 26.5	2.919	3.717	10.1	21.4

10842 1994 UY_{1} 10 23.7 319°.67 0°.2/23.5 18

9 18	2 15.67	+14 36.3	1.152	2.019	19.2	18.3
9 28	2 12.92	+14 0.5	1.076	2.004	14.8	18.0
10 8	2 7.00	+13 4.4	1.018	1.989	9.5	17.7
10 18	1 58.66	+11 51.7	0.982	1.975	3.5	17.3
10 28	1 49.29	+10 30.9	0.971	1.962	2.9	17.2
11 7	1 40.55	+ 9 13.5	0.983	1.949	9.1	17.5
11 17	1 33.93	+ 8 10.3	1.018	1.937	14.8	17.8
11 27	1 30.48	+ 7 29.3	1.071	1.927	19.7	18.1

185537 2007 XK_{12} 10 23.7 279°.74 0°.2/23.9 18

9 18	2 16.84	+15 3.7	1.908	2.741	14.1	20.7
9 28	2 12.63	+14 31.9	1.814	2.723	10.9	20.4
10 8	2 6.24	+13 46.4	1.742	2.705	7.0	20.2
10 18	1 58.26	+12 49.7	1.696	2.687	2.7	19.9
10 28	1 49.60	+11 46.6	1.678	2.669	1.9	19.8
11 7	1 41.32	+10 43.8	1.688	2.651	6.4	20.0
11 17	1 34.38	+ 9 47.9	1.726	2.632	10.6	20.3
11 27	1 29.56	+ 9 4.6	1.786	2.614	14.3	20.5

478952 2012 XG_{50} 10 23.7 322°.14 3°.3/21.6 18

9 18	2 17.70	+ 5 41.1	1.434	2.300	16.1	21.2
9 28	2 13.82	+ 5 12.8	1.355	2.284	12.3	20.9
10 8	2 7.25	+ 4 38.3	1.298	2.269	7.9	20.6
10 18	1 58.69	+ 4 2.7	1.264	2.254	3.8	20.3
10 28	1 49.28	+ 3 32.8	1.256	2.239	4.8	20.4
11 7	1 40.40	+ 3 15.1	1.273	2.225	9.3	20.6
11 17	1 33.25	+ 3 14.2	1.314	2.212	13.9	20.8
11 27	1 28.76	+ 3 32.4	1.376	2.200	17.9	21.0

331479 1997 WS_{11} 10 23.7 11°.62 0°.8/24.2 16

9 18	2 10.41	+15 47.6	0.901	1.788	21.4	19.5
9 28	2 9.14	+15 29.4	0.856	1.793	16.4	19.2
10 8	2 4.56	+14 49.1	0.827	1.801	10.6	18.9
10 18	1 57.69	+13 51.5	0.818	1.811	4.2	18.6
10 28	1 50.13	+12 45.9	0.831	1.823	2.6	18.6
11 7	1 43.63	+11 44.0	0.865	1.837	8.8	19.0
11 17	1 39.52	+10 55.9	0.921	1.854	14.4	19.4
11 27	1 38.61	+10 28.1	0.995	1.872	19.0	19.7

369716 2012 DC_{58} 10 23.7 82°.79 1°.2/22.9 18

9 18	2 22.09	+11 22.9	1.383	2.235	17.4	21.2
9 28	2 16.82	+10 48.4	1.329	2.250	13.1	20.9
10 8	2 8.88	+10 1.9	1.297	2.266	8.2	20.7
10 18	1 59.17	+ 9 8.5	1.289	2.281	2.9	20.4
10 28	1 49.03	+ 8 15.1	1.307	2.296	3.0	20.5
11 7	1 39.83	+ 7 29.4	1.352	2.311	8.1	20.8
11 17	1 32.67	+ 6 57.3	1.422	2.326	12.6	21.1
11 27	1 28.26	+ 6 42.5	1.513	2.341	16.4	21.4

242541 2005 CX_{63} 10 23.7 269°.62 4°.9/19.4 18

9 18	2 17.21	+ 1 21.0	1.842	2.700	13.5	20.6
9 28	2 12.81	+ 0 13.9	1.763	2.686	10.3	20.3
10 8	2 6.29	− 0 56.6	1.708	2.672	7.0	20.1
10 18	1 58.26	− 2 4.0	1.679	2.658	5.0	20.0
10 28	1 49.64	− 3 0.7	1.677	2.644	6.3	20.0
11 7	1 41.47	− 3 40.4	1.703	2.630	9.5	20.2
11 17	1 34.67	− 3 59.5	1.753	2.615	13.0	20.4
11 27	1 29.97	− 3 56.5	1.825	2.601	16.1	20.6

516958 2012 DZ_{24} 10 23.7 102°.68 2°.3/21.4 18

9 18	2 15.97	+ 5 45.7	2.444	3.286	11.1	21.6
9 28	2 11.22	+ 5 10.3	2.379	3.296	8.3	21.4
10 8	2 4.94	+ 4 31.4	2.339	3.305	5.2	21.3
10 18	1 57.68	+ 3 52.4	2.326	3.315	2.6	21.1
10 28	1 50.13	+ 3 17.6	2.344	3.324	3.3	21.2
11 7	1 43.02	+ 2 50.6	2.390	3.334	6.1	21.4
11 17	1 37.01	+ 2 34.3	2.464	3.343	9.0	21.6
11 27	1 32.58	+ 2 30.4	2.562	3.352	11.6	21.8

14180 1998 WY_5 10 23.7 338°.46 1°.4/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.04	+ 9 29.7	2.001	2.848	13.0	18.3
9 28	2 11.00	+ 9 0.3	1.923	2.843	9.8	18.1
10 8	2 5.05	+ 8 23.3	1.869	2.837	6.1	17.9
10 18	1 57.78	+ 7 42.2	1.840	2.832	2.3	17.6
10 28	1 50.02	+ 7 1.7	1.840	2.827	2.7	17.7
11 7	1 42.71	+ 6 27.0	1.868	2.823	6.6	17.9
11 17	1 36.65	+ 6 2.5	1.922	2.819	10.2	18.1
11 27	1 32.51	+ 5 51.1	1.999	2.816	13.4	18.3

175028 2004 FG_{39} 10 23.7 339°.70 1°.8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.89	+ 9 10.4	1.857	2.705	13.8	20.4
9 28	2 12.48	+ 8 33.0	1.784	2.704	10.4	20.2
10 8	2 6.02	+ 7 47.4	1.734	2.703	6.5	19.9
10 18	1 58.14	+ 6 57.8	1.710	2.702	2.6	19.7
10 28	1 49.77	+ 6 9.7	1.714	2.701	3.1	19.7
11 7	1 41.92	+ 5 29.0	1.746	2.700	7.1	20.0
11 17	1 35.48	+ 5 0.4	1.804	2.699	10.9	20.2
11 27	1 31.11	+ 4 46.9	1.885	2.698	14.2	20.4

244687 2003 OD_{33} 10 23.7 6°.58 8°.5/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.83	− 5 14.9	1.494	2.365	15.3	19.3
9 28	2 12.00	− 6 53.9	1.442	2.365	12.1	19.1
10 8	2 5.83	− 8 29.0	1.413	2.366	9.4	18.9
10 18	1 58.07	− 9 49.9	1.408	2.367	8.5	18.9
10 28	1 49.84	−10 47.3	1.428	2.368	10.0	19.0
11 7	1 42.32	−11 15.2	1.471	2.370	12.8	19.2
11 17	1 36.47	−11 12.5	1.537	2.372	15.9	19.4
11 27	1 32.99	−10 41.0	1.621	2.375	18.6	19.6

168758 2000 QH_{202} 10 23.7 34°.35 2°.6/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.16	+ 9 2.3	1.063	1.940	19.7	19.5
9 28	2 15.25	+ 8 22.7	1.015	1.950	14.8	19.2
10 8	2 8.19	+ 7 31.7	0.986	1.960	9.2	18.9
10 18	1 58.98	+ 6 36.2	0.980	1.972	3.7	18.7
10 28	1 49.21	+ 5 45.4	0.997	1.984	4.5	18.8
11 7	1 40.53	+ 5 8.0	1.038	1.997	9.9	19.1
11 17	1 34.23	+ 4 49.9	1.100	2.011	14.9	19.5
11 27	1 31.08	+ 4 53.7	1.183	2.025	19.1	19.8

265259 2004 EW_{82} 10 23.7 119°.85 2°.7/21.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.13	+ 7 17.6	1.814	2.659	14.2	21.1
9 28	2 15.49	+ 6 21.9	1.757	2.675	10.6	20.9
10 8	2 7.78	+ 5 19.6	1.724	2.692	6.6	20.7
10 18	1 58.74	+ 4 16.2	1.718	2.708	3.1	20.6
10 28	1 49.39	+ 3 18.3	1.741	2.723	4.0	20.6
11 7	1 40.76	+ 2 31.7	1.792	2.737	7.7	20.9
11 17	1 33.71	+ 2 0.8	1.869	2.751	11.3	21.2
11 27	1 28.85	+ 1 47.4	1.970	2.765	14.4	21.4

321656 2010 BM_{90} 10 23.7 332°.43 3°.0/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 8.75	− 1 48.1	4.028	4.872	7.1	20.2
9 28	2 5.35	− 2 29.4	3.956	4.870	5.4	20.1
10 8	2 1.08	− 3 9.9	3.911	4.868	3.8	20.0
10 18	1 56.25	− 3 47.0	3.895	4.866	3.0	19.9
10 28	1 51.22	− 4 18.1	3.909	4.863	3.6	19.9
11 7	1 46.40	− 4 40.8	3.952	4.861	5.1	20.0
11 17	1 42.16	− 4 53.8	4.022	4.859	6.8	20.2
11 27	1 38.80	− 4 56.3	4.117	4.858	8.4	20.3

322426 2011 SQ_{180} 10 23.7 261°.95 0°.5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.97	+14 25.1	1.917	2.748	14.2	21.0
9 28	2 14.11	+14 16.4	1.836	2.744	10.9	20.8
10 8	2 7.10	+13 56.8	1.778	2.740	7.0	20.6
10 18	1 58.57	+13 28.0	1.746	2.736	2.8	20.3
10 28	1 49.46	+12 53.7	1.741	2.732	1.8	20.2
11 7	1 40.83	+12 19.0	1.766	2.729	6.1	20.5
11 17	1 33.63	+11 49.1	1.817	2.725	10.1	20.7
11 27	1 28.57	+11 28.5	1.892	2.721	13.5	20.9

428582 2008 EH_9 10 23.7 190°.67 8°.9/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 33.32	+35 52.9	2.146	2.846	16.8	21.0
9 28	2 25.58	+37 14.6	2.054	2.845	14.6	20.9
10 8	2 14.77	+38 16.4	1.982	2.843	12.2	20.7
10 18	2 1.54	+38 52.4	1.933	2.840	10.1	20.5
10 28	1 47.14	+38 58.5	1.912	2.836	8.9	20.5
11 7	1 33.11	+38 36.1	1.917	2.832	9.4	20.5
11 17	1 20.89	+37 51.0	1.950	2.826	11.2	20.6
11 27	1 11.59	+36 52.6	2.008	2.820	13.5	20.7

143235 2002 YZ_{20} 10 23.7 286°.87 0°.5/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.24	+14 49.7	1.524	2.367	16.6	20.4
9 28	2 14.99	+14 33.8	1.437	2.351	12.8	20.1
10 8	2 8.03	+14 3.0	1.371	2.336	8.3	19.8
10 18	1 59.01	+13 19.5	1.329	2.320	3.3	19.5
10 28	1 49.10	+12 28.1	1.313	2.304	2.2	19.4
11 7	1 39.65	+11 36.2	1.324	2.289	7.5	19.6
11 17	1 31.93	+10 51.4	1.360	2.273	12.4	19.9
11 27	1 26.88	+10 20.1	1.419	2.258	16.7	20.1

391986 2008 YV_{16} 10 23.7 192°.71 5°.5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.52	− 3 34.5	2.287	3.133	11.6	21.6
9 28	2 13.28	− 4 36.0	2.220	3.131	9.0	21.4
10 8	2 6.33	− 5 35.7	2.177	3.129	6.6	21.3
10 18	1 58.23	− 6 27.8	2.161	3.126	5.5	21.2
10 28	1 49.75	− 7 6.8	2.175	3.123	6.5	21.3
11 7	1 41.73	− 7 28.9	2.216	3.120	8.9	21.4
11 17	1 34.89	− 7 32.1	2.282	3.115	11.5	21.6
11 27	1 29.80	− 7 16.5	2.371	3.111	13.8	21.7

219929 2002 GZ_{90} 10 23.7 116°.41 1°.1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.67	+10 1.8	2.432	3.265	11.4	21.0
9 28	2 11.78	+ 9 32.0	2.364	3.276	8.6	20.8
10 8	2 5.32	+ 8 55.7	2.321	3.286	5.3	20.6
10 18	1 57.84	+ 8 16.0	2.305	3.297	2.0	20.4
10 28	1 50.06	+ 7 36.8	2.319	3.307	2.2	20.5
11 7	1 42.74	+ 7 2.1	2.362	3.316	5.5	20.7
11 17	1 36.53	+ 6 35.5	2.434	3.326	8.6	20.9
11 27	1 31.95	+ 6 19.5	2.531	3.335	11.3	21.1

149725 2004 JO_{34} 10 23.7 89°.61 4°.7/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.79	+ 2 31.6	1.570	2.429	15.4	20.1
9 28	2 15.51	+ 1 34.9	1.519	2.443	11.6	19.9
10 8	2 7.92	+ 0 35.9	1.490	2.456	7.6	19.7
10 18	1 58.82	− 0 18.6	1.487	2.470	4.8	19.5
10 28	1 49.37	− 1 1.4	1.511	2.484	5.9	19.6
11 7	1 40.73	− 1 27.0	1.561	2.497	9.5	19.9
11 17	1 33.85	− 1 32.7	1.636	2.510	13.1	20.1
11 27	1 29.38	− 1 18.2	1.732	2.523	16.2	20.4

178536 1999 UV_{10} 10 23.7 292°.63 2°.2/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 39.09	+ 2 34.8	1.049	1.902	21.7	19.0
9 28	2 31.52	+ 3 46.4	0.971	1.891	16.9	18.6
10 8	2 19.36	+ 5 6.4	0.913	1.880	11.0	18.3
10 18	2 3.45	+ 6 35.5	0.878	1.869	4.5	17.9
10 28	1 45.72	+ 8 12.4	0.869	1.859	4.1	17.8
11 7	1 28.73	+ 9 54.0	0.887	1.848	10.9	18.2
11 17	1 14.77	+11 37.6	0.930	1.838	17.2	18.5
11 27	1 5.34	+13 22.7	0.992	1.828	22.5	18.8

451626 2012 FN_{69} 10 23.7 301°.99 0°.8/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.00	+14 1.1	2.016	2.844	13.6	21.2
9 28	2 14.18	+14 9.6	1.922	2.828	10.5	20.9
10 8	2 7.22	+14 9.0	1.851	2.812	6.9	20.7
10 18	1 58.66	+14 0.2	1.807	2.797	2.8	20.4
10 28	1 49.40	+13 45.7	1.790	2.781	1.8	20.3
11 7	1 40.47	+13 29.5	1.803	2.766	5.9	20.6
11 17	1 32.84	+13 15.8	1.842	2.751	9.9	20.8
11 27	1 27.29	+13 8.8	1.906	2.736	13.4	21.0

260387 2004 VB_{64} 10 23.7 287°.99 5°.9/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.21	− 4 37.5	2.190	3.042	11.9	19.9
9 28	2 11.70	− 5 33.0	2.116	3.030	9.3	19.8
10 8	2 5.43	− 6 26.0	2.067	3.019	7.0	19.6
10 18	1 57.94	− 7 10.6	2.044	3.007	5.9	19.5
10 28	1 50.00	− 7 41.3	2.048	2.996	6.9	19.6
11 7	1 42.46	− 7 54.0	2.080	2.984	9.3	19.7
11 17	1 36.08	− 7 47.0	2.136	2.973	12.0	19.8
11 27	1 31.48	− 7 20.5	2.214	2.961	14.5	20.0

240165 2002 PQ_{105} 10 23.7 95°.58 3°.4/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.12	+ 6 14.5	1.883	2.735	13.5	20.2
9 28	2 12.42	+ 4 51.8	1.829	2.751	10.0	20.1
10 8	2 5.83	+ 3 23.0	1.799	2.767	6.4	19.9
10 18	1 58.05	+ 1 54.9	1.797	2.783	3.6	19.7
10 28	1 49.98	+ 0 34.9	1.823	2.799	4.7	19.8
11 7	1 42.56	− 0 30.3	1.877	2.814	8.1	20.1
11 17	1 36.56	− 1 16.5	1.958	2.829	11.4	20.3
11 27	1 32.55	− 1 41.9	2.061	2.844	14.2	20.5

258936 2002 RX_{126} 10 23.7 139°.54 4°.9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.37	+32 4.3	2.809	3.540	12.5	20.4
9 28	2 12.39	+32 6.9	2.724	3.548	10.5	20.3
10 8	2 5.76	+31 52.3	2.661	3.556	8.3	20.2
10 18	1 58.04	+31 20.0	2.623	3.563	6.2	20.0
10 28	1 49.95	+30 31.2	2.613	3.571	4.9	20.0
11 7	1 42.29	+29 29.4	2.631	3.578	5.5	20.0
11 17	1 35.76	+28 19.9	2.679	3.584	7.4	20.1
11 27	1 30.91	+27 8.6	2.753	3.590	9.5	20.3

310596 2001 WE_3 10 23.7 85°.90 1°.2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 25.53	+10 9.2	1.278	2.131	18.5	20.6
9 28	2 19.68	+ 9 58.7	1.224	2.145	14.0	20.4
10 8	2 10.83	+ 9 38.2	1.190	2.159	8.8	20.1
10 18	1 59.96	+ 9 11.3	1.180	2.173	3.2	19.9
10 28	1 48.56	+ 8 44.0	1.197	2.186	3.1	19.9
11 7	1 38.19	+ 8 22.7	1.239	2.200	8.4	20.3
11 17	1 30.11	+ 8 12.6	1.306	2.213	13.3	20.6
11 27	1 25.09	+ 8 17.2	1.394	2.226	17.3	20.9

159838 2003 UH_{163} 10 23.7 11°.74 2°.4/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 13.81	+ 7 42.1	1.896	2.751	13.3	19.6
9 28	2 10.09	+ 6 52.6	1.830	2.754	9.9	19.4
10 8	2 4.47	+ 5 56.1	1.787	2.757	6.2	19.1
10 18	1 57.58	+ 4 57.6	1.770	2.760	2.8	18.9
10 28	1 50.29	+ 4 3.1	1.781	2.764	3.7	19.0
11 7	1 43.52	+ 3 18.4	1.819	2.768	7.3	19.2
11 17	1 38.07	+ 2 47.7	1.883	2.773	10.8	19.5
11 27	1 34.53	+ 2 33.7	1.970	2.779	13.9	19.7

354654 2005 JB_{131} 10 23.7 20°.84 5°.8/19.3 18

9 18	2 17.26	− 1 3.0	1.646	2.511	14.5	20.5
9 28	2 12.89	− 2 1.6	1.589	2.514	11.1	20.3
10 8	2 6.31	− 2 59.5	1.555	2.517	7.8	20.1
10 18	1 58.27	− 3 49.6	1.545	2.521	5.9	20.0
10 28	1 49.80	− 4 24.9	1.562	2.525	7.1	20.1
11 7	1 41.98	− 4 40.4	1.605	2.529	10.1	20.3
11 17	1 35.74	− 4 34.2	1.671	2.534	13.5	20.5
11 27	1 31.73	− 4 6.6	1.759	2.540	16.4	20.7

291173 2006 AM_{33} 10 23.7 203°.68 6°.0/31.1 17

9 18	2 20.50	+35 48.7	3.060	3.756	12.3	21.5
9 28	2 14.85	+36 18.8	2.961	3.751	10.6	21.4
10 8	2 7.41	+36 32.5	2.882	3.745	8.8	21.3
10 18	1 58.69	+36 27.9	2.828	3.739	7.1	21.1
10 28	1 49.44	+36 4.5	2.800	3.733	6.1	21.1
11 7	1 40.48	+35 24.4	2.802	3.726	6.3	21.1
11 17	1 32.61	+34 31.6	2.831	3.719	7.7	21.2
11 27	1 26.45	+33 31.9	2.888	3.711	9.5	21.3

358756 2008 CZ_{176} 10 23.7 239°.39 3°.2/26.9 18

9 18	2 17.84	+23 48.2	2.296	3.083	13.5	21.0
9 28	2 13.10	+23 39.5	2.199	3.073	10.8	20.8
10 8	2 6.42	+23 14.6	2.125	3.062	7.8	20.6
10 18	1 58.35	+22 33.7	2.076	3.051	4.7	20.4
10 28	1 49.71	+21 39.0	2.056	3.039	3.2	20.3
11 7	1 41.44	+20 35.5	2.065	3.028	5.4	20.4
11 17	1 34.39	+19 29.2	2.102	3.015	8.6	20.6
11 27	1 29.26	+18 26.6	2.165	3.003	11.7	20.8

40240 1998 VV_{37} 10 23.7 37°.12 0°.8/24.3 18

9 18	2 20.70	+13 39.4	1.689	2.526	15.5	17.7
9 28	2 15.39	+13 54.9	1.637	2.547	11.8	17.5
10 8	2 7.83	+14 0.3	1.606	2.569	7.5	17.3
10 18	1 58.82	+13 56.9	1.601	2.591	3.0	17.1
10 28	1 49.43	+13 47.8	1.623	2.614	1.9	17.1
11 7	1 40.82	+13 37.4	1.673	2.638	6.2	17.4
11 17	1 33.91	+13 29.8	1.750	2.662	10.1	17.7
11 27	1 29.35	+13 29.2	1.850	2.686	13.5	18.0

53299 1999 GJ_{26} 10 23.7 126°.78 1°.4/22.5 18

9 18	2 17.03	+ 9 59.8	2.023	2.865	13.1	19.1
9 28	2 12.42	+ 9 23.6	1.950	2.867	9.8	18.9
10 8	2 5.92	+ 8 39.3	1.901	2.869	6.1	18.7
10 18	1 58.13	+ 7 50.6	1.879	2.870	2.3	18.4
10 28	1 49.91	+ 7 2.5	1.885	2.872	2.7	18.5
11 7	1 42.19	+ 6 20.5	1.919	2.874	6.5	18.7
11 17	1 35.78	+ 5 48.9	1.981	2.876	10.1	18.9
11 27	1 31.30	+ 5 31.0	2.066	2.877	13.2	19.1

300567 2007 TU_{333} 10 23.7 29°.66 0°.7/24.2 18

9 18	2 18.74	+14 53.3	1.688	2.525	15.5	20.5
9 28	2 14.14	+14 43.9	1.617	2.528	11.9	20.3
10 8	2 7.20	+14 21.8	1.568	2.531	7.7	20.0
10 18	1 58.64	+13 49.3	1.544	2.535	3.1	19.8
10 28	1 49.53	+13 10.7	1.547	2.538	1.9	19.7
11 7	1 41.03	+12 31.8	1.578	2.542	6.5	20.0
11 17	1 34.14	+11 58.6	1.635	2.547	10.7	20.3
11 27	1 29.62	+11 36.0	1.715	2.551	14.4	20.5

108551 2001 LK_{12} 10 23.7 113°.12 2°.1/25.5 18

9 18	2 22.34	+20 35.8	1.827	2.634	15.7	20.1
9 28	2 16.53	+20 8.2	1.764	2.655	12.2	19.9
10 8	2 8.51	+19 23.2	1.724	2.675	8.2	19.7
10 18	1 59.06	+18 22.9	1.709	2.694	4.0	19.5
10 28	1 49.26	+17 12.2	1.723	2.712	2.4	19.4
11 7	1 40.25	+15 58.4	1.766	2.730	5.9	19.7
11 17	1 32.94	+14 48.9	1.836	2.748	9.8	20.0
11 27	1 27.95	+13 50.0	1.932	2.764	13.2	20.2

338791 2003 UD_{332} 10 23.7 337°.41 3°.9/27.1 17

9 18	2 17.91	+23 34.5	2.118	2.911	14.3	20.3
9 28	2 13.31	+23 55.1	2.032	2.907	11.5	20.1
10 8	2 6.62	+24 0.7	1.967	2.903	8.4	19.9
10 18	1 58.44	+23 50.4	1.928	2.900	5.3	19.7
10 28	1 49.66	+23 25.6	1.916	2.897	3.9	19.6
11 7	1 41.29	+22 50.0	1.932	2.894	5.8	19.7
11 17	1 34.25	+22 9.2	1.976	2.891	9.0	19.9
11 27	1 29.26	+21 29.3	2.044	2.888	12.1	20.1

510273 2011 JT_{17} 10 23.7 165°.77 0°.7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 21.26	+11 29.5	1.963	2.795	13.8	22.2
9 28	2 15.67	+11 4.9	1.889	2.799	10.5	22.0
10 8	2 8.01	+10 31.2	1.838	2.803	6.6	21.8
10 18	1 58.91	+ 9 51.4	1.814	2.806	2.4	21.5
10 28	1 49.34	+ 9 10.0	1.819	2.809	2.3	21.5
11 7	1 40.33	+ 8 32.4	1.853	2.811	6.4	21.8
11 17	1 32.77	+ 8 3.1	1.915	2.813	10.2	22.0
11 27	1 27.34	+ 7 46.0	2.001	2.814	13.5	22.2

361386 2006 VO_{70} 10 23.7 303°.51 1°.0/22.9 18

9 18	2 16.45	+11 3.3	1.882	2.726	13.8	21.4
9 28	2 12.26	+10 33.3	1.798	2.716	10.5	21.2
10 8	2 5.98	+ 9 53.7	1.738	2.706	6.6	21.0
10 18	1 58.21	+ 9 7.7	1.703	2.696	2.4	20.7
10 28	1 49.84	+ 8 20.4	1.697	2.686	2.5	20.7
11 7	1 41.92	+ 7 37.8	1.718	2.676	6.8	20.9
11 17	1 35.35	+ 7 4.9	1.766	2.667	10.8	21.1
11 27	1 30.86	+ 6 45.7	1.837	2.658	14.2	21.3

492639 2014 OX_{340} 10 23.7 344°.03 12°.1/12.7 17

9 18	2 12.22	−14 54.7	1.474	2.341	15.7	19.6
9 28	2 9.52	−16 38.6	1.420	2.324	13.6	19.5
10 8	2 4.43	−18 9.4	1.386	2.309	12.3	19.4
10 18	1 57.66	−19 16.0	1.374	2.294	12.4	19.3
10 28	1 50.27	−19 48.9	1.384	2.281	13.8	19.4
11 7	1 43.49	−19 43.7	1.415	2.270	16.1	19.5
11 17	1 38.33	−19 1.0	1.465	2.260	18.6	19.7
11 27	1 35.54	−17 45.1	1.530	2.251	20.9	19.8

444594 2006 UQ_{121} 10 23.7 354°.64 1°.3/22.6 18

9 18	2 15.54	+11 9.2	1.731	2.582	14.5	21.4
9 28	2 11.64	+10 25.4	1.659	2.580	11.0	21.1
10 8	2 5.59	+ 9 30.6	1.610	2.579	6.8	20.9
10 18	1 58.05	+ 8 29.3	1.585	2.578	2.5	20.6
10 28	1 49.99	+ 7 27.8	1.589	2.577	2.9	20.7
11 7	1 42.49	+ 6 33.1	1.619	2.577	7.2	20.9
11 17	1 36.46	+ 5 50.9	1.676	2.577	11.2	21.2
11 27	1 32.59	+ 5 25.2	1.755	2.577	14.7	21.4

69161 2203 P–L 10 23.7 232°.99 0°.1/23.7 18

9 18	2 18.67	+15 19.8	1.548	2.390	16.4	19.5
9 28	2 14.33	+14 33.7	1.472	2.386	12.6	19.3
10 8	2 7.46	+13 30.5	1.417	2.383	8.0	19.0
10 18	1 58.78	+12 14.2	1.387	2.379	3.0	18.7
10 28	1 49.45	+10 52.0	1.384	2.375	2.3	18.6
11 7	1 40.76	+ 9 32.7	1.408	2.371	7.4	19.0
11 17	1 33.80	+ 8 24.9	1.458	2.367	12.1	19.2
11 27	1 29.38	+ 7 35.0	1.531	2.362	16.1	19.5

162037 1996 BW_3 10 23.7 288°.27 1°.6/22.6 17

9 18	2 18.97	+11 40.5	1.301	2.161	17.8	20.6
9 28	2 15.00	+10 53.1	1.228	2.154	13.5	20.3
10 8	2 8.11	+ 9 50.3	1.176	2.147	8.5	20.0
10 18	1 59.08	+ 8 37.3	1.147	2.139	3.2	19.7
10 28	1 49.23	+ 7 22.9	1.143	2.132	3.6	19.7
11 7	1 40.07	+ 6 17.0	1.166	2.125	9.0	20.0
11 17	1 32.90	+ 5 27.9	1.211	2.118	14.1	20.2
11 27	1 28.65	+ 5 0.8	1.278	2.112	18.5	20.5

25521 Stevemorgan 10 23.7 39°.32 2°.7/25.4 18 R

9 18	2 20.39	+18 47.8	1.157	2.005	20.3	17.9
9 28	2 16.15	+18 52.4	1.107	2.020	15.8	17.7
10 8	2 8.76	+18 36.4	1.075	2.036	10.6	17.5
10 18	1 59.26	+18 1.0	1.066	2.053	5.2	17.2
10 28	1 49.19	+17 11.8	1.080	2.070	3.1	17.2
11 7	1 40.20	+16 17.7	1.119	2.088	7.8	17.5
11 17	1 33.58	+15 28.1	1.182	2.107	12.7	17.8
11 27	1 30.11	+14 50.6	1.266	2.126	16.9	18.1

211288 2002 RU_{160} 10 23.7 319°.53 3°.0/25.9 18

9 18	2 20.09	+20 15.9	1.807	2.621	15.6	20.2
9 28	2 15.23	+20 31.5	1.726	2.618	12.3	20.0
10 8	2 7.97	+20 32.1	1.666	2.615	8.6	19.8
10 18	1 58.98	+20 17.4	1.631	2.613	4.7	19.6
10 28	1 49.31	+19 49.5	1.623	2.610	3.2	19.5
11 7	1 40.15	+19 13.2	1.643	2.608	6.3	19.6
11 17	1 32.56	+18 34.7	1.689	2.606	10.2	19.9
11 27	1 27.34	+18 0.5	1.760	2.603	13.7	20.1

154985 2004 VZ_{51} 10 23.7 323°.52 1°.7/22.2 18

9 18	2 15.67	+ 8 40.9	2.083	2.928	12.6	19.8
9 28	2 11.42	+ 8 8.1	2.005	2.923	9.5	19.6
10 8	2 5.32	+ 7 28.5	1.950	2.919	5.9	19.3
10 18	1 57.95	+ 6 45.5	1.923	2.914	2.4	19.1
10 28	1 50.11	+ 6 4.2	1.924	2.910	2.9	19.1
11 7	1 42.71	+ 5 29.3	1.953	2.906	6.5	19.4
11 17	1 36.53	+ 5 5.0	2.009	2.902	10.1	19.6
11 27	1 32.20	+ 4 54.0	2.088	2.898	13.2	19.8

56336 1999 XL_{126} 10 23.7 114.°73 3.°6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 22.56	+23 9.2	1.639	2.444	17.3	19.3
9 28	2 17.13	+23 4.8	1.572	2.457	13.7	19.1
10 8	2 9.13	+22 40.0	1.525	2.469	9.7	18.9
10 18	1 59.37	+21 55.2	1.503	2.481	5.6	18.7
10 28	1 49.08	+20 54.1	1.507	2.493	3.7	18.6
11 7	1 39.59	+19 44.0	1.539	2.504	6.6	18.8
11 17	1 31.97	+18 33.5	1.598	2.515	10.6	19.1
11 27	1 26.99	+17 31.0	1.680	2.525	14.2	19.3

225186 2008 HQ_{58} 10 23.7 4.°45 2.°8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.78	+ 7 39.5	1.025	1.911	19.5	19.2
9 28	2 12.98	+ 7 17.9	0.970	1.910	14.7	19.0
10 8	2 6.98	+ 6 47.0	0.934	1.910	9.3	18.7
10 18	1 58.67	+ 6 12.9	0.919	1.912	3.9	18.4
10 28	1 49.60	+ 5 43.6	0.927	1.915	4.6	18.4
11 7	1 41.45	+ 5 27.1	0.958	1.920	10.1	18.8
11 17	1 35.61	+ 5 28.4	1.010	1.927	15.3	19.1
11 27	1 32.95	+ 5 49.8	1.081	1.935	19.7	19.4

353154 2009 HT_{48} 10 23.7 142.°41 4.°0/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.81	+ 2 1.9	2.199	3.048	11.9	21.2
9 28	2 12.03	+ 0 58.4	2.136	3.055	9.0	21.0
10 8	2 5.57	− 0 7.2	2.097	3.061	6.0	20.8
10 18	1 58.00	− 1 9.5	2.087	3.067	4.1	20.7
10 28	1 50.11	− 2 2.7	2.105	3.073	5.1	20.8
11 7	1 42.71	− 2 42.0	2.152	3.078	7.8	21.0
11 17	1 36.51	− 3 4.7	2.224	3.083	10.7	21.2
11 27	1 32.07	− 3 9.6	2.320	3.088	13.3	21.3

70826 1999 VA_{82} 10 23.7 59.°00 0.°7/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.06	+12 25.2	1.670	2.515	15.2	19.3
9 28	2 13.57	+11 50.3	1.603	2.520	11.5	19.0
10 8	2 6.82	+11 3.6	1.558	2.525	7.2	18.8
10 18	1 58.52	+10 9.2	1.538	2.530	2.6	18.5
10 28	1 49.72	+ 9 12.9	1.546	2.536	2.5	18.5
11 7	1 41.57	+ 8 21.8	1.581	2.541	7.0	18.8
11 17	1 35.02	+ 7 41.5	1.642	2.546	11.2	19.1
11 27	1 30.78	+ 7 16.3	1.726	2.552	14.8	19.3

11193 Mérida 10 23.7 301.°47 1.°2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.09	+10 0.0	2.200	3.041	12.2	17.7
9 28	2 10.98	+ 9 30.3	2.110	3.026	9.2	17.4
10 8	2 5.07	+ 8 52.9	2.044	3.011	5.8	17.2
10 18	1 57.88	+ 8 10.7	2.005	2.997	2.2	16.9
10 28	1 50.16	+ 7 28.3	1.994	2.982	2.5	16.9
11 7	1 42.78	+ 6 50.5	2.012	2.968	6.2	17.2
11 17	1 36.52	+ 6 21.5	2.057	2.953	9.7	17.4
11 27	1 32.03	+ 6 4.8	2.127	2.939	12.8	17.5

476598 2008 SB_{72} 10 23.7 357.°69 1.°0/23.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.88	+ 9 30.9	1.129	2.005	18.8	20.2
9 28	2 13.72	+ 9 39.0	1.066	2.000	14.3	20.0
10 8	2 7.44	+ 9 38.0	1.023	1.996	9.1	19.7
10 18	1 58.87	+ 9 31.2	1.001	1.993	3.3	19.3
10 28	1 49.43	+ 9 23.7	1.002	1.993	3.1	19.3
11 7	1 40.78	+ 9 21.3	1.028	1.994	8.8	19.7
11 17	1 34.30	+ 9 29.0	1.075	1.996	14.1	20.0
11 27	1 30.94	+ 9 50.5	1.143	2.000	18.6	20.2

460141 2014 PB_{55} 10 23.7 4.°05 8.°6/29.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.05	+29 59.2	1.507	2.297	19.2	20.5
9 28	2 14.42	+31 21.0	1.437	2.296	16.3	20.3
10 8	2 7.85	+32 20.8	1.386	2.298	13.1	20.1
10 18	1 59.04	+32 53.5	1.355	2.301	10.2	19.9
10 28	1 49.27	+32 57.2	1.348	2.305	8.6	19.9
11 7	1 40.10	+32 34.9	1.364	2.311	9.5	19.9
11 17	1 32.91	+31 54.0	1.405	2.318	12.0	20.1
11 27	1 28.69	+31 4.6	1.467	2.327	15.0	20.3

290109 2005 QX_{117} 10 23.7 270.°61 2.°9/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.93	+ 6 4.5	2.021	2.872	12.7	20.6
9 28	2 11.64	+ 5 11.2	1.946	2.867	9.6	20.4
10 8	2 5.47	+ 4 12.0	1.895	2.863	6.1	20.1
10 18	1 58.01	+ 3 11.8	1.870	2.858	3.2	20.0
10 28	1 50.10	+ 2 16.6	1.874	2.854	4.1	20.0
11 7	1 42.64	+ 1 32.0	1.906	2.849	7.5	20.2
11 17	1 36.44	+ 1 2.2	1.965	2.845	10.9	20.4
11 27	1 32.12	+ 0 49.6	2.046	2.840	13.9	20.6

361973 2008 KC_{11} 10 23.7 99.°33 2.°2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.98	+ 6 39.1	2.257	3.100	11.9	21.4
9 28	2 12.10	+ 5 59.0	2.196	3.113	8.9	21.3
10 8	2 5.59	+ 5 14.4	2.158	3.125	5.6	21.1
10 18	1 58.01	+ 4 29.1	2.149	3.138	2.6	20.9
10 28	1 50.15	+ 3 47.8	2.168	3.150	3.3	21.0
11 7	1 42.79	+ 3 14.8	2.217	3.163	6.4	21.2
11 17	1 36.64	+ 2 53.4	2.293	3.175	9.5	21.4
11 27	1 32.20	+ 2 45.4	2.393	3.187	12.2	21.6

229781 Arthurmcdonald 10 23.7 97.°09 6.°1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.07	+33 7.7	2.457	3.188	14.1	20.7
9 28	2 14.01	+33 33.4	2.376	3.196	12.0	20.5
10 8	2 6.98	+33 40.3	2.316	3.204	9.6	20.4
10 18	1 58.58	+33 26.7	2.279	3.212	7.4	20.3
10 28	1 49.70	+32 53.0	2.269	3.219	6.2	20.2
11 7	1 41.28	+32 2.6	2.287	3.227	6.6	20.2
11 17	1 34.19	+31 1.0	2.332	3.234	8.4	20.4
11 27	1 29.07	+29 55.1	2.403	3.242	10.7	20.5

273572 2007 CM_4 10 23.7 256.°43 0.°4/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.48	+14 33.9	1.678	2.513	15.6	21.8
9 28	2 15.68	+14 17.1	1.591	2.501	12.1	21.5
10 8	2 8.36	+13 47.0	1.526	2.490	7.8	21.3
10 18	1 59.18	+13 5.6	1.486	2.478	3.0	20.9
10 28	1 49.22	+12 17.5	1.474	2.465	2.1	20.8
11 7	1 39.73	+11 29.3	1.490	2.453	7.0	21.1
11 17	1 31.86	+10 47.6	1.531	2.440	11.5	21.4
11 27	1 26.47	+10 18.2	1.595	2.427	15.5	21.6

436513 2011 FM_{45} 10 23.7 263.°60 2.°2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.71	+10 10.5	1.594	2.447	15.4	21.3
9 28	2 13.53	+ 9 10.4	1.517	2.440	11.7	21.1
10 8	2 6.93	+ 7 57.8	1.462	2.432	7.3	20.8
10 18	1 58.62	+ 6 38.4	1.433	2.425	3.0	20.5
10 28	1 49.67	+ 5 20.3	1.431	2.417	3.8	20.5
11 7	1 41.27	+ 4 11.8	1.456	2.409	8.3	20.8
11 17	1 34.51	+ 3 20.0	1.507	2.402	12.7	21.0
11 27	1 30.14	+ 2 49.1	1.579	2.394	16.4	21.3

147215 2002 WQ_{18} 10 23.7 10.°77 8.°1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 39.83	−10 17.2	0.931	1.790	23.3	17.8
9 28	2 31.57	− 8 54.2	0.877	1.793	18.6	17.5
10 8	2 18.87	− 7 4.7	0.841	1.798	13.4	17.3
10 18	2 3.08	− 4 45.2	0.827	1.805	8.9	17.1
10 28	1 46.47	− 1 58.8	0.839	1.815	8.8	17.1
11 7	1 31.52	+ 1 4.3	0.877	1.826	13.0	17.4
11 17	1 20.09	+ 4 11.8	0.939	1.839	17.9	17.7
11 27	1 13.15	+ 7 15.2	1.022	1.854	22.2	18.1

515597 2014 JX_{40} 10 23.7 161.°26 1.°4/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.94	+ 9 24.2	2.015	2.854	13.2	22.2
9 28	2 13.90	+ 8 57.8	1.941	2.856	10.0	22.0
10 8	2 6.90	+ 8 24.1	1.892	2.858	6.2	21.7
10 18	1 58.56	+ 7 46.5	1.868	2.860	2.4	21.5
10 28	1 49.76	+ 7 9.7	1.874	2.861	2.7	21.5
11 7	1 41.48	+ 6 38.5	1.908	2.863	6.5	21.8
11 17	1 34.54	+ 6 16.9	1.969	2.864	10.2	22.0
11 27	1 29.59	+ 6 7.9	2.055	2.865	13.3	22.2

72787 2001 FB_{171} 10 23.7 233.°54 0.°4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.67	+15 54.2	2.315	3.139	12.3	19.2
9 28	2 10.52	+15 16.1	2.234	3.138	9.4	19.1
10 8	2 4.69	+14 26.3	2.177	3.138	6.0	18.8
10 18	1 57.73	+13 27.4	2.147	3.138	2.4	18.6
10 28	1 50.39	+12 23.9	2.146	3.137	1.5	18.5
11 7	1 43.46	+11 21.2	2.175	3.137	5.2	18.8
11 17	1 37.65	+10 24.5	2.231	3.136	8.6	19.0
11 27	1 33.54	+ 9 38.3	2.313	3.136	11.6	19.2

358204 2006 SK_{165} 10 23.7 229.°13 1.°7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.80	+18 48.4	1.994	2.810	14.2	21.2
9 28	2 13.22	+18 33.5	1.912	2.808	11.1	21.0
10 8	2 6.57	+18 4.0	1.852	2.806	7.4	20.8
10 18	1 58.47	+17 21.4	1.818	2.804	3.6	20.6
10 28	1 49.83	+16 29.3	1.812	2.802	2.1	20.5
11 7	1 41.68	+15 33.5	1.834	2.800	5.7	20.7
11 17	1 34.90	+14 40.0	1.884	2.797	9.5	20.9
11 27	1 30.20	+13 54.7	1.959	2.795	12.9	21.1

432314 2009 TL_{20} 10 23.7 353.°41 0.°2/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.93	+ 9 10.5	1.029	1.904	20.3	19.7
9 28	2 18.03	+10 4.6	0.964	1.896	15.7	19.4
10 8	2 10.49	+10 53.9	0.917	1.889	10.1	19.0
10 18	2 0.13	+11 38.6	0.891	1.884	3.8	18.7
10 28	1 48.58	+12 19.8	0.889	1.880	2.8	18.6
11 7	1 37.82	+13 0.0	0.910	1.879	9.2	19.0
11 17	1 29.58	+13 42.3	0.953	1.879	14.9	19.3
11 27	1 25.02	+14 30.3	1.016	1.881	19.8	19.6

447192 2005 SV_{160} 10 23.7 58.°58 0.°2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.98	+14 28.8	1.963	2.796	13.8	21.6
9 28	2 12.50	+14 4.0	1.892	2.801	10.5	21.4
10 8	2 6.04	+13 27.9	1.843	2.806	6.7	21.2
10 18	1 58.25	+12 43.0	1.821	2.812	2.5	20.9
10 28	1 50.03	+11 54.0	1.826	2.817	1.8	20.9
11 7	1 42.34	+11 6.5	1.861	2.823	5.9	21.2
11 17	1 36.03	+10 25.6	1.922	2.829	9.7	21.4
11 27	1 31.71	+ 9 55.9	2.007	2.835	12.9	21.6

274889 2009 SR_{60} 10 23.7 306°.17 2°.7/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.50	+20 33.0	2.057	2.867	14.1	20.9
9 28	2 12.45	+20 35.4	1.951	2.842	11.2	20.6
10 8	2 6.25	+20 23.2	1.867	2.816	7.8	20.4
10 18	1 58.43	+19 56.3	1.809	2.791	4.3	20.1
10 28	1 49.83	+19 16.9	1.778	2.766	2.8	20.0
11 7	1 41.48	+18 29.4	1.775	2.741	5.8	20.1
11 17	1 34.37	+17 39.9	1.800	2.716	9.6	20.3
11 27	1 29.30	+16 54.8	1.849	2.691	13.2	20.5

145135 2005 GU_{161} 10 23.7 70°.03 5°.8/20.4 18

9 18	2 23.79	+ 0 12.6	1.325	2.189	17.3	19.6
9 28	2 18.08	− 0 34.3	1.282	2.207	13.1	19.4
10 8	2 9.68	− 1 20.3	1.260	2.225	8.8	19.2
10 18	1 59.58	− 1 57.9	1.262	2.243	5.9	19.1
10 28	1 49.13	− 2 19.9	1.290	2.261	7.1	19.2
11 7	1 39.74	− 2 21.6	1.343	2.279	10.7	19.5
11 17	1 32.47	− 2 1.8	1.420	2.297	14.5	19.8
11 27	1 28.00	− 1 21.9	1.517	2.315	17.8	20.1

97640 2000 EN_{165} 10 23.7 246°.90 0°.8/24.5 17

9 18	2 16.80	+15 40.0	2.568	3.383	11.5	20.3
9 28	2 12.05	+15 31.8	2.476	3.374	8.8	20.1
10 8	2 5.66	+15 14.2	2.407	3.365	5.8	19.9
10 18	1 58.12	+14 48.7	2.366	3.355	2.4	19.7
10 28	1 50.11	+14 17.8	2.354	3.345	1.5	19.6
11 7	1 42.42	+13 45.3	2.373	3.336	4.8	19.8
11 17	1 35.74	+13 15.0	2.420	3.325	8.0	20.0
11 27	1 30.66	+12 50.8	2.492	3.315	10.9	20.2

179734 2002 RB_{105} 10 23.7 25°.40 0°.3/23.6 18

9 18	2 17.83	+12 22.9	0.936	1.818	21.3	18.5
9 28	2 14.55	+12 16.8	0.897	1.832	16.1	18.3
10 8	2 7.90	+11 55.4	0.876	1.849	10.1	18.0
10 18	1 59.00	+11 23.3	0.874	1.867	3.7	17.7
10 28	1 49.57	+10 47.9	0.896	1.887	2.9	17.7
11 7	1 41.40	+10 18.1	0.940	1.909	9.0	18.2
11 17	1 35.79	+10 0.6	1.006	1.931	14.4	18.6
11 27	1 33.50	+10 0.0	1.091	1.955	18.8	18.9

509476 2007 SY_{6} 10 23.7 3°.69 1°.7/24.5 18

9 18	2 23.57	+12 35.4	1.283	2.135	18.5	19.8
9 28	2 18.64	+13 34.2	1.216	2.134	14.4	19.6
10 8	2 10.53	+14 25.1	1.169	2.134	9.4	19.3
10 18	2 0.07	+15 6.8	1.145	2.135	4.1	19.0
10 28	1 48.68	+15 39.9	1.147	2.138	2.7	18.9
11 7	1 38.02	+16 6.7	1.175	2.142	7.8	19.3
11 17	1 29.55	+16 31.3	1.227	2.147	12.8	19.6
11 27	1 24.25	+16 58.4	1.300	2.153	17.0	19.8

244511 2002 TK_{163} 10 23.7 34°.30 10°.0/16.7 18

9 18	2 18.36	−10 41.3	1.453	2.317	16.1	19.3
9 28	2 13.84	−12 0.9	1.418	2.330	13.1	19.2
10 8	2 6.94	−13 8.3	1.404	2.343	10.8	19.1
10 18	1 58.56	−13 54.4	1.414	2.357	10.1	19.1
10 28	1 49.89	−14 11.9	1.447	2.372	11.2	19.2
11 7	1 42.10	−13 58.4	1.504	2.388	13.6	19.4
11 17	1 36.15	−13 15.5	1.582	2.404	16.2	19.6
11 27	1 32.63	−12 7.4	1.678	2.420	18.6	19.8

18398 Bregenz 10 23.7 37°.44 1°.3/24.7 18 R

9 18	2 17.36	+20 23.2	0.897	1.764	23.3	16.9
9 28	2 14.02	+19 11.4	0.870	1.795	17.7	16.7
10 8	2 7.35	+17 31.2	0.859	1.827	11.4	16.5
10 18	1 58.70	+15 31.6	0.870	1.860	4.7	16.3
10 28	1 49.88	+13 26.7	0.903	1.895	2.6	16.2
11 7	1 42.57	+11 32.3	0.960	1.930	8.5	16.7
11 17	1 37.87	+10 0.1	1.040	1.966	13.9	17.1
11 27	1 36.35	+ 8 56.3	1.139	2.002	18.2	17.5

172104 2002 GA_{12} 10 23.7 207°.16 1°.6/22.6 18 R

9 18	2 21.80	+10 15.2	1.605	2.450	15.7	20.8
9 28	2 16.62	+ 9 38.4	1.529	2.447	11.9	20.6
10 8	2 8.91	+ 8 51.0	1.475	2.443	7.5	20.3
10 18	1 59.39	+ 7 57.2	1.447	2.439	2.9	20.0
10 28	1 49.21	+ 7 3.3	1.446	2.434	3.2	20.1
11 7	1 39.63	+ 6 16.6	1.473	2.429	7.9	20.3
11 17	1 31.78	+ 5 43.0	1.526	2.424	12.4	20.6
11 27	1 26.46	+ 5 26.4	1.601	2.418	16.2	20.8

128296 2003 WH_{153} 10 23.7 30°.80 3°.7/19.7 18

9 18	2 12.60	+ 5 49.4	1.966	2.825	12.7	19.4
9 28	2 9.08	+ 4 12.1	1.907	2.833	9.5	19.2
10 8	2 3.82	+ 2 28.4	1.872	2.841	6.1	19.0
10 18	1 57.42	+ 0 45.3	1.865	2.850	3.8	18.9
10 28	1 50.70	− 0 49.0	1.887	2.859	5.1	19.0
11 7	1 44.51	− 2 7.5	1.936	2.868	8.2	19.2
11 17	1 39.55	− 3 5.7	2.012	2.878	11.4	19.4
11 27	1 36.39	− 3 41.5	2.109	2.888	14.1	19.6

179085 2001 SM_{150} 10 23.7 347°.27 2°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.86	+17 24.3	1.506	2.346	16.9	19.8
9 28	2 13.21	+17 38.6	1.428	2.338	13.2	19.6
10 8	2 6.93	+17 38.2	1.370	2.330	8.9	19.3
10 18	1 58.71	+17 23.4	1.336	2.324	4.3	19.0
10 28	1 49.70	+16 57.2	1.328	2.318	2.7	18.9
11 7	1 41.22	+16 25.3	1.346	2.314	6.9	19.2
11 17	1 34.47	+15 54.2	1.388	2.310	11.5	19.4
11 27	1 30.34	+15 30.7	1.453	2.307	15.5	19.7

33235 1998 GB_{8} 10 23.7 63°.95 9°.8/15.8 18

9 18	2 18.60	−10 31.0	1.590	2.449	15.2	17.6
9 28	2 13.90	−12 7.7	1.551	2.459	12.5	17.4
10 8	2 6.96	−13 34.1	1.535	2.470	10.4	17.4
10 18	1 58.59	−14 40.3	1.542	2.480	9.8	17.4
10 28	1 49.89	−15 18.8	1.574	2.491	11.1	17.5
11 7	1 41.98	−15 26.1	1.630	2.502	13.4	17.6
11 17	1 35.77	−15 2.8	1.707	2.513	15.9	17.8
11 27	1 31.87	−14 12.6	1.802	2.524	18.1	18.0

280587 2004 TO_{345} 10 23.7 57°.39 2°.2/25.5 18

9 18	2 19.32	+19 53.2	1.476	2.305	17.7	19.9
9 28	2 14.77	+19 31.9	1.419	2.322	13.7	19.7
10 8	2 7.67	+18 51.0	1.383	2.339	9.2	19.5
10 18	1 58.89	+17 53.1	1.370	2.357	4.4	19.2
10 28	1 49.67	+16 44.0	1.384	2.375	2.5	19.2
11 7	1 41.32	+15 32.1	1.425	2.393	6.7	19.5
11 17	1 34.88	+14 25.9	1.492	2.411	11.0	19.8
11 27	1 31.05	+13 32.5	1.581	2.429	14.8	20.0

5773 1989 NO 10 23.7 116°.02 1°.9/25.1 18 R

9 18	2 25.04	+17 51.3	1.577	2.399	17.1	17.4
9 28	2 19.01	+17 50.6	1.514	2.414	13.3	17.2
10 8	2 10.34	+17 34.0	1.472	2.428	8.8	17.0
10 18	1 59.89	+17 2.8	1.455	2.442	4.1	16.7
10 28	1 48.91	+16 21.1	1.465	2.455	2.4	16.6
11 7	1 38.77	+15 35.3	1.503	2.468	6.7	17.0
11 17	1 30.58	+14 52.4	1.567	2.480	11.1	17.2
11 27	1 25.10	+14 19.0	1.655	2.492	14.8	17.5

262248 2006 SM_{304} 10 23.7 80°.24 3°.9/26.8 18

9 18	2 21.37	+23 50.4	1.420	2.235	19.0	19.9
9 28	2 16.57	+23 40.0	1.358	2.249	15.1	19.7
10 8	2 8.94	+23 5.8	1.316	2.262	10.7	19.4
10 18	1 59.39	+22 8.3	1.296	2.276	6.2	19.2
10 28	1 49.29	+20 52.5	1.303	2.289	4.0	19.1
11 7	1 40.11	+19 27.6	1.336	2.302	7.1	19.4
11 17	1 33.02	+18 4.1	1.394	2.316	11.4	19.6
11 27	1 28.80	+16 51.3	1.475	2.329	15.4	19.9

455586 2004 RG_{315} 10 23.7 1°.31 11°.5/26.0 16

9 18	2 39.17	+22 55.0	0.949	1.774	25.6	20.6
9 28	2 32.74	+26 1.6	0.885	1.772	21.4	20.3
10 8	2 20.93	+28 57.7	0.838	1.772	16.8	20.1
10 18	2 4.40	+31 27.0	0.811	1.772	12.8	19.8
10 28	1 45.32	+33 14.1	0.808	1.772	11.5	19.8
11 7	1 26.91	+34 13.9	0.828	1.773	14.1	19.9
11 17	1 12.16	+34 34.3	0.869	1.776	18.3	20.2
11 27	1 2.99	+34 32.1	0.927	1.778	22.4	20.5

189204 2003 ST_{78} 10 23.7 28°.95 0°.7/24.5 18

9 18	2 14.40	+16 54.3	1.852	2.685	14.5	19.5
9 28	2 10.64	+16 19.2	1.786	2.695	11.1	19.3
10 8	2 4.91	+15 29.8	1.743	2.705	7.2	19.1
10 18	1 57.85	+14 29.2	1.725	2.715	2.9	18.9
10 28	1 50.41	+13 22.9	1.735	2.726	1.7	18.8
11 7	1 43.55	+12 17.4	1.773	2.738	5.9	19.1
11 17	1 38.10	+11 19.1	1.837	2.750	9.7	19.4
11 27	1 34.67	+10 33.3	1.926	2.762	13.0	19.6

175552 2006 SO_{323} 10 23.7 214°.42 1°.0/22.9 18

9 18	2 18.95	+10 12.6	2.068	2.904	13.1	20.7
9 28	2 13.94	+ 9 53.1	1.989	2.902	9.9	20.4
10 8	2 6.97	+ 9 26.1	1.933	2.899	6.2	20.2
10 18	1 58.64	+ 8 54.4	1.904	2.896	2.3	20.0
10 28	1 49.82	+ 8 22.2	1.905	2.894	2.3	20.0
11 7	1 41.45	+ 7 54.1	1.934	2.891	6.3	20.2
11 17	1 34.38	+ 7 34.1	1.990	2.887	9.9	20.4
11 27	1 29.27	+ 7 25.4	2.070	2.884	13.1	20.6

383146 2005 UH_{230} 10 23.8 353°.02 2°.1/22.5 18

9 18	2 17.25	+ 8 36.2	1.179	2.053	18.3	20.3
9 28	2 13.90	+ 8 18.4	1.114	2.047	13.9	20.0
10 8	2 7.54	+ 7 51.0	1.069	2.043	8.8	19.7
10 18	1 58.97	+ 7 18.7	1.047	2.039	3.5	19.4
10 28	1 49.58	+ 6 48.7	1.048	2.037	3.9	19.4
11 7	1 40.95	+ 6 28.2	1.074	2.035	9.3	19.7
11 17	1 34.40	+ 6 22.8	1.122	2.035	14.4	20.0
11 27	1 30.88	+ 6 35.6	1.189	2.036	18.7	20.3

509539 2008 AO_{10} 10 23.8 339°.83 5°.2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.68	+23 18.5	1.103	1.948	21.4	21.5
9 28	2 13.31	+23 38.8	1.030	1.937	17.4	21.2
10 8	2 7.52	+23 32.9	0.974	1.927	12.6	20.9
10 18	1 59.07	+22 58.7	0.938	1.918	7.7	20.6
10 28	1 49.48	+21 58.8	0.924	1.910	5.2	20.5
11 7	1 40.59	+20 42.3	0.933	1.904	8.7	20.6
11 17	1 34.04	+19 21.9	0.964	1.898	13.8	20.9
11 27	1 30.94	+18 10.4	1.016	1.894	18.7	21.2

301960 2000 DP_{76} 10 23.8 246°.07 1°.9/25.5 18

9 18	2 19.33	+19 14.0	2.217	3.023	13.3	21.9
9 28	2 14.34	+19 7.0	2.119	3.008	10.5	21.7
10 8	2 7.32	+18 46.7	2.043	2.994	7.1	21.5
10 18	1 58.82	+18 13.6	1.994	2.978	3.6	21.2
10 28	1 49.69	+17 30.4	1.973	2.963	2.2	21.1
11 7	1 40.89	+16 41.7	1.982	2.947	5.4	21.3
11 17	1 33.31	+15 53.2	2.020	2.930	9.1	21.5
11 27	1 27.68	+15 10.3	2.082	2.913	12.4	21.7

358277 2006 UK_{21} 10 23.8 66°.41 1°.0/24.6 18

9 18	2 18.62	+16 16.2	1.867	2.695	14.6	21.2
9 28	2 13.86	+16 4.6	1.798	2.702	11.2	21.0
10 8	2 6.98	+15 40.3	1.750	2.710	7.3	20.8
10 18	1 58.65	+15 5.1	1.728	2.717	3.1	20.6
10 28	1 49.86	+14 23.1	1.734	2.725	1.8	20.5
11 7	1 41.65	+13 39.8	1.768	2.733	5.9	20.8
11 17	1 34.93	+13 0.9	1.829	2.740	9.8	21.0
11 27	1 30.37	+12 31.2	1.914	2.748	13.2	21.3

263907 2009 FP_{46} 10 23.8 123°.65 2°.7/21.9 17

9 18	2 22.99	+ 7 39.6	1.520	2.371	16.2	20.9
9 28	2 17.41	+ 6 55.9	1.461	2.382	12.2	20.6
10 8	2 9.31	+ 6 4.3	1.424	2.392	7.6	20.4
10 18	1 59.52	+ 5 10.4	1.412	2.402	3.4	20.2
10 28	1 49.26	+ 4 21.3	1.428	2.412	4.1	20.3
11 7	1 39.82	+ 3 43.6	1.471	2.421	8.5	20.5
11 17	1 32.26	+ 3 22.0	1.539	2.430	12.7	20.8
11 27	1 27.28	+ 3 18.8	1.629	2.439	16.3	21.1

469561 2003 UB_{252} 10 23.8 329°.58 0°.1/23.7 18

9 18	2 10.82	+17 47.6	1.360	2.216	17.5	20.1
9 28	2 8.88	+16 32.5	1.274	2.195	13.5	19.8
10 8	2 4.32	+14 51.2	1.207	2.175	8.7	19.5
10 18	1 57.80	+12 48.4	1.164	2.157	3.3	19.1
10 28	1 50.45	+10 34.1	1.148	2.139	2.5	19.0
11 7	1 43.62	+ 8 22.0	1.157	2.122	8.2	19.3
11 17	1 38.51	+ 6 25.4	1.190	2.106	13.5	19.6
11 27	1 36.01	+ 4 54.2	1.245	2.092	18.1	19.8

388215 2006 HV_{34} 10 23.8 45°.45 2°.3/22.6 18

9 18	2 24.52	+ 5 46.4	1.453	2.306	16.7	20.3
9 28	2 18.57	+ 5 53.7	1.402	2.323	12.5	20.1
10 8	2 10.01	+ 5 57.4	1.373	2.341	7.9	19.9
10 18	1 59.76	+ 6 0.8	1.368	2.359	3.3	19.7
10 28	1 49.11	+ 6 7.7	1.391	2.378	3.6	19.7
11 7	1 39.38	+ 6 21.7	1.441	2.397	8.0	20.1
11 17	1 31.66	+ 6 45.1	1.516	2.417	12.2	20.4
11 27	1 26.64	+ 7 19.4	1.614	2.437	15.8	20.6

210152 2006 SD_{128} 10 23.8 45°.13 0°.4/24.1 18

9 18	2 17.37	+15 6.6	1.694	2.533	15.4	20.2
9 28	2 13.05	+14 40.1	1.630	2.542	11.7	20.0
10 8	2 6.51	+14 0.2	1.588	2.552	7.5	19.8
10 18	1 58.49	+13 10.1	1.571	2.562	2.9	19.5
10 28	1 50.01	+12 15.0	1.581	2.573	1.9	19.5
11 7	1 42.20	+11 21.7	1.619	2.583	6.4	19.8
11 17	1 35.97	+10 36.3	1.683	2.594	10.6	20.1
11 27	1 32.01	+10 3.8	1.771	2.605	14.1	20.3

326628 2002 RT_{248} 10 23.8 73°.06 3°.9/19.5 18

9 18	2 13.87	+ 2 17.6	2.327	3.179	11.2	20.8
9 28	2 9.81	+ 1 8.1	2.263	3.184	8.4	20.7
10 8	2 4.21	− 0 3.7	2.224	3.188	5.6	20.5
10 18	1 57.59	− 1 12.7	2.214	3.193	3.9	20.4
10 28	1 50.66	− 2 12.9	2.232	3.198	4.9	20.5
11 7	1 44.17	− 2 59.8	2.278	3.203	7.5	20.7
11 17	1 38.76	− 3 30.3	2.350	3.208	10.3	20.8
11 27	1 34.93	− 3 43.0	2.446	3.213	12.7	21.0

245846 2006 KS_{76} 10 23.8 75°.67 0°.5/24.2 18

9 18	2 18.46	+16 21.8	1.740	2.572	15.3	20.9
9 28	2 13.74	+15 43.3	1.680	2.588	11.7	20.7
10 8	2 6.87	+14 50.2	1.643	2.605	7.5	20.5
10 18	1 58.59	+13 46.1	1.630	2.621	2.9	20.3
10 28	1 49.96	+12 36.8	1.646	2.637	1.8	20.2
11 7	1 42.04	+11 29.6	1.690	2.654	6.3	20.5
11 17	1 35.72	+10 31.2	1.761	2.670	10.3	20.8
11 27	1 31.63	+ 9 46.6	1.855	2.686	13.7	21.1

488136 2015 VR_{124} 10 23.8 53°.25 1°.3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.02	+ 8 34.5	2.118	2.956	12.7	20.7
9 28	2 13.90	+ 8 24.9	2.045	2.959	9.6	20.5
10 8	2 6.90	+ 8 9.7	1.995	2.961	6.0	20.3
10 18	1 58.62	+ 7 51.8	1.972	2.964	2.3	20.1
10 28	1 49.90	+ 7 34.7	1.979	2.967	2.5	20.1
11 7	1 41.66	+ 7 22.0	2.014	2.970	6.2	20.4
11 17	1 34.70	+ 7 17.2	2.077	2.973	9.7	20.6
11 27	1 29.65	+ 7 22.4	2.164	2.976	12.7	20.8

488041 2015 UL_{45} 10 23.8 34°.41 5°.1/19.6 18

9 18	2 18.79	− 2 35.1	2.056	2.906	12.6	20.9
9 28	2 13.70	− 3 11.4	1.992	2.908	9.7	20.7
10 8	2 6.74	− 3 45.1	1.952	2.910	6.9	20.6
10 18	1 58.55	− 4 11.4	1.939	2.912	5.2	20.5
10 28	1 49.97	− 4 25.3	1.954	2.915	6.1	20.6
11 7	1 41.92	− 4 23.6	1.996	2.917	8.7	20.7
11 17	1 35.19	− 4 5.0	2.064	2.919	11.6	20.9
11 27	1 30.37	− 3 29.8	2.155	2.922	14.2	21.1

484267 2007 HY_{79} 10 23.8 137°.54 3°.1/20.8 18

9 18	2 18.16	+ 1 55.9	2.493	3.334	11.0	21.6
9 28	2 12.91	+ 1 29.8	2.425	3.339	8.3	21.4
10 8	2 6.11	+ 1 2.9	2.381	3.344	5.4	21.2
10 18	1 58.29	+ 0 38.8	2.366	3.349	3.3	21.1
10 28	1 50.16	+ 0 21.2	2.380	3.354	4.0	21.2
11 7	1 42.46	+ 0 13.1	2.424	3.359	6.6	21.4
11 17	1 35.84	+ 0 16.4	2.495	3.363	9.4	21.5
11 27	1 30.83	+ 0 32.2	2.591	3.368	11.8	21.7

213145 2000 HW_{41} 10 23.8 213°.28 3°.6/19.8 18

9 18	2 17.05	+ 2 24.0	2.553	3.394	10.7	21.6
9 28	2 12.15	+ 1 21.8	2.471	3.386	8.1	21.4
10 8	2 5.69	+ 0 16.6	2.415	3.377	5.4	21.2
10 18	1 58.16	− 0 46.9	2.388	3.368	3.6	21.1
10 28	1 50.24	− 1 43.4	2.390	3.358	4.6	21.1
11 7	1 42.66	− 2 28.4	2.422	3.347	7.2	21.3
11 17	1 36.09	− 2 58.8	2.481	3.336	9.9	21.4
11 27	1 31.08	− 3 12.7	2.564	3.324	12.4	21.6

65956 1998 FA_{146} 10 23.8 83°.59 6°.6/18.2 17

9 18	2 20.70	− 3 24.3	1.767	2.621	14.1	18.9
9 28	2 15.08	− 4 51.7	1.734	2.650	10.9	18.8
10 8	2 7.51	− 6 14.8	1.725	2.678	8.0	18.7
10 18	1 58.77	− 7 25.9	1.742	2.706	6.6	18.7
10 28	1 49.88	− 8 17.9	1.787	2.734	7.8	18.8
11 7	1 41.83	− 8 46.8	1.858	2.761	10.4	19.0
11 17	1 35.38	− 8 51.8	1.953	2.787	13.1	19.2
11 27	1 31.07	− 8 34.4	2.069	2.813	15.4	19.5

60401 2000 BQ_{21} 10 23.8 327°.21 2°.0/27.3 18

9 18	2 10.23	+23 34.1	4.316	5.087	7.9	19.1
9 28	2 6.56	+23 31.8	4.222	5.085	6.3	18.9
10 8	2 1.96	+23 21.2	4.153	5.083	4.6	18.8
10 18	1 56.74	+23 2.7	4.111	5.081	2.9	18.7
10 28	1 51.29	+22 37.7	4.099	5.079	2.0	18.6
11 7	1 46.03	+22 8.0	4.118	5.078	3.1	18.7
11 17	1 41.35	+21 35.9	4.166	5.076	4.8	18.8
11 27	1 37.59	+21 4.3	4.242	5.074	6.5	19.0

184495 2005 OD_{27} 10 23.8 48°.97 2°.5/22.2 18

9 18	2 20.56	+ 9 14.6	1.182	2.050	18.7	19.7
9 28	2 15.90	+ 8 26.3	1.143	2.073	13.9	19.5
10 8	2 8.42	+ 7 27.8	1.124	2.096	8.6	19.3
10 18	1 59.17	+ 6 26.1	1.128	2.120	3.5	19.0
10 28	1 49.61	+ 5 30.0	1.158	2.145	4.2	19.2
11 7	1 41.19	+ 4 47.5	1.212	2.169	9.1	19.5
11 17	1 34.99	+ 4 23.7	1.290	2.195	13.6	19.8
11 27	1 31.65	+ 4 20.5	1.389	2.220	17.4	20.2

451216 2009 WU_{259} 10 23.8 279°.98 6°.1/17.2 17

9 18	2 15.89	− 7 20.2	2.501	3.346	10.8	20.9
9 28	2 11.37	− 8 16.5	2.422	3.328	8.6	20.7
10 8	2 5.25	− 9 9.0	2.367	3.310	6.8	20.6
10 18	1 58.02	− 9 52.4	2.339	3.291	6.1	20.5
10 28	1 50.36	−10 21.4	2.340	3.273	7.1	20.5
11 7	1 43.02	−10 32.7	2.367	3.254	9.1	20.6
11 17	1 36.67	−10 24.7	2.419	3.235	11.4	20.8
11 27	1 31.89	− 9 57.7	2.493	3.216	13.6	20.9

371319 2006 HE_{65} 10 23.8 228°.16 0°.3/23.5 17

9 18	2 14.90	+13 9.4	2.762	3.584	10.5	22.3
9 28	2 10.49	+12 37.0	2.671	3.576	8.0	22.2
10 8	2 4.63	+11 56.2	2.606	3.568	5.0	22.0
10 18	1 57.78	+11 9.4	2.568	3.560	1.8	21.7
10 28	1 50.55	+10 20.2	2.560	3.551	1.5	21.7
11 7	1 43.63	+ 9 32.7	2.583	3.542	4.8	21.9
11 17	1 37.62	+ 8 50.8	2.635	3.532	7.8	22.1
11 27	1 33.04	+ 8 17.8	2.712	3.522	10.4	22.3

358963 2008 NA_1 10 23.8 43°.08 11°.1/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 17.11	−21 40.8	2.097	2.918	13.4	19.6
9 28	2 12.41	−23 7.9	2.066	2.926	12.0	19.5
10 8	2 5.89	−24 18.2	2.056	2.933	11.2	19.5
10 18	1 58.22	−25 4.3	2.070	2.941	11.3	19.5
10 28	1 50.28	−25 21.4	2.107	2.948	12.2	19.6
11 7	1 42.98	−25 8.0	2.166	2.956	13.6	19.7
11 17	1 37.06	−24 25.8	2.245	2.965	15.1	19.9
11 27	1 33.05	−23 18.8	2.341	2.973	16.5	20.0

214025 2004 DD_{35} 10 23.8 261°.88 2°.2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.13	+ 9 9.0	2.010	2.855	13.0	20.6
9 28	2 11.94	+ 8 7.9	1.924	2.843	9.8	20.3
10 8	2 5.79	+ 6 57.1	1.862	2.830	6.2	20.1
10 18	1 58.26	+ 5 41.4	1.827	2.817	2.7	19.8
10 28	1 50.19	+ 4 27.3	1.820	2.804	3.5	19.9
11 7	1 42.52	+ 3 21.6	1.843	2.791	7.3	20.1
11 17	1 36.11	+ 2 29.8	1.891	2.778	11.0	20.3
11 27	1 31.62	+ 1 55.9	1.963	2.764	14.2	20.5

324696 2007 EH_{46} 10 23.8 207°.63 2°.8/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.57	+22 14.7	2.788	3.567	11.5	21.9
9 28	2 14.11	+22 26.7	2.692	3.562	9.2	21.7
10 8	2 6.98	+22 27.1	2.620	3.556	6.6	21.5
10 18	1 58.68	+22 15.8	2.575	3.550	3.9	21.4
10 28	1 49.90	+21 54.1	2.560	3.543	2.8	21.3
11 7	1 41.41	+21 24.9	2.576	3.536	4.7	21.4
11 17	1 33.94	+20 52.0	2.620	3.528	7.4	21.6
11 27	1 28.08	+20 19.9	2.692	3.521	10.0	21.7

512054 2015 MA_{95} 10 23.8 130°.49 2°.8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.01	+ 8 45.5	1.793	2.643	14.1	21.0
9 28	2 12.62	+ 7 22.5	1.727	2.648	10.5	20.8
10 8	2 6.19	+ 5 49.5	1.684	2.653	6.6	20.6
10 18	1 58.38	+ 4 13.2	1.669	2.658	3.2	20.4
10 28	1 50.16	+ 2 42.0	1.682	2.663	4.3	20.4
11 7	1 42.55	+ 1 23.7	1.723	2.668	8.0	20.7
11 17	1 36.39	+ 0 24.1	1.791	2.672	11.8	20.9
11 27	1 32.33	− 0 13.7	1.880	2.676	15.0	21.1

119324 2001 SM_{124} 10 23.8 317°.32 0°.8/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.50	+13 17.5	1.490	2.341	16.5	19.7
9 28	2 13.56	+12 31.2	1.417	2.337	12.5	19.4
10 8	2 7.08	+11 29.6	1.364	2.333	7.9	19.2
10 18	1 58.79	+10 17.3	1.336	2.329	2.8	18.9
10 28	1 49.83	+ 9 1.9	1.335	2.325	2.7	18.8
11 7	1 41.51	+ 7 52.1	1.361	2.322	7.8	19.2
11 17	1 34.92	+ 6 55.7	1.411	2.318	12.5	19.4
11 27	1 30.88	+ 6 18.2	1.483	2.315	16.5	19.7

30726 1978 VK_7 10 23.8 13°.19 0°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.41	+14 23.5	1.113	1.983	19.5	18.9
9 28	2 12.57	+14 4.7	1.057	1.986	14.9	18.6
10 8	2 6.68	+13 28.5	1.021	1.992	9.5	18.4
10 18	1 58.66	+12 38.9	1.006	1.998	3.6	18.1
10 28	1 49.96	+11 43.4	1.014	2.006	2.5	18.0
11 7	1 42.17	+10 51.5	1.047	2.015	8.3	18.4
11 17	1 36.56	+10 11.5	1.102	2.026	13.6	18.7
11 27	1 33.97	+ 9 49.2	1.177	2.037	18.0	19.0

40714 1999 RS_{252} 10 23.8 324°.72 0°.7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.35	+17 20.6	1.981	2.809	13.9	18.6
9 28	2 10.64	+16 37.4	1.897	2.803	10.7	18.4
10 8	2 4.99	+15 38.9	1.836	2.797	6.9	18.2
10 18	1 57.97	+14 28.1	1.801	2.791	2.9	17.9
10 28	1 50.45	+13 10.2	1.794	2.786	1.7	17.8
11 7	1 43.38	+11 52.2	1.816	2.780	5.8	18.1
11 17	1 37.61	+10 41.1	1.865	2.775	9.7	18.3
11 27	1 33.78	+ 9 42.6	1.938	2.770	13.1	18.5

479446 2013 YQ_{115} 10 23.8 349°.27 3°.3/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.46	+ 7 38.0	1.051	1.939	19.0	20.5
9 28	2 11.34	+ 7 0.8	0.987	1.928	14.4	20.2
10 8	2 6.09	+ 6 12.8	0.943	1.919	9.1	19.9
10 18	1 58.52	+ 5 20.6	0.919	1.911	4.1	19.6
10 28	1 50.04	+ 4 33.9	0.919	1.905	5.1	19.6
11 7	1 42.31	+ 4 1.9	0.941	1.901	10.5	19.9
11 17	1 36.74	+ 3 51.0	0.983	1.898	15.8	20.2
11 27	1 34.30	+ 4 4.2	1.044	1.897	20.3	20.5

45103 1999 XJ_{70} 10 23.8 163°.75 0°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.24	+14 12.9	2.575	3.395	11.3	19.6
9 28	2 11.54	+13 46.9	2.495	3.398	8.6	19.4
10 8	2 5.31	+13 12.0	2.440	3.401	5.4	19.2
10 18	1 58.05	+12 30.3	2.412	3.403	2.1	19.0
10 28	1 50.44	+11 45.4	2.415	3.406	1.4	19.0
11 7	1 43.21	+11 1.5	2.447	3.408	4.8	19.2
11 17	1 37.02	+10 22.6	2.508	3.409	8.0	19.4
11 27	1 32.38	+ 9 52.2	2.595	3.411	10.7	19.6

103208 1999 XN_{254} 10 23.8 157°.19 1°.5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.27	+18 28.4	1.977	2.787	14.6	20.7
9 28	2 16.55	+18 9.9	1.902	2.795	11.3	20.5
10 8	2 8.68	+17 36.9	1.848	2.802	7.5	20.3
10 18	1 59.33	+16 50.8	1.822	2.808	3.5	20.1
10 28	1 49.51	+15 55.9	1.824	2.814	2.0	20.0
11 7	1 40.28	+14 57.8	1.855	2.819	5.8	20.3
11 17	1 32.57	+14 3.1	1.915	2.823	9.6	20.5
11 27	1 27.05	+13 17.4	1.999	2.827	13.0	20.7

324222 2006 BK_{60} 10 23.8 150°.22 3°.9/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.52	+ 1 51.1	2.389	3.239	11.0	21.2
9 28	2 10.30	+ 0 46.1	2.322	3.241	8.3	21.1
10 8	2 4.54	− 0 21.0	2.280	3.243	5.6	20.9
10 18	1 57.76	− 1 25.1	2.265	3.245	3.9	20.8
10 28	1 50.66	− 2 20.7	2.280	3.246	4.9	20.9
11 7	1 43.97	− 3 3.4	2.323	3.248	7.5	21.0
11 17	1 38.33	− 3 30.3	2.393	3.249	10.2	21.2
11 27	1 34.26	− 3 40.0	2.485	3.250	12.6	21.4

177331 2003 YJ_{70} 10 23.8 291°.82 10°.8/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.55	+43 56.6	1.991	2.664	18.7	20.1
9 28	2 16.95	+44 43.1	1.902	2.659	16.8	19.9
10 8	2 9.44	+45 1.9	1.829	2.654	14.7	19.8
10 18	1 59.75	+44 47.2	1.775	2.649	12.7	19.6
10 28	1 49.16	+43 56.5	1.743	2.644	11.2	19.5
11 7	1 39.18	+42 32.7	1.735	2.639	10.9	19.5
11 17	1 31.14	+40 43.6	1.752	2.634	11.9	19.5
11 27	1 26.01	+38 40.6	1.793	2.630	13.8	19.7

82655 2001 PM_{13} 10 23.8 262°.29 0°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.62	+15 24.8	2.032	2.860	13.6	19.9
9 28	2 12.36	+14 46.2	1.942	2.849	10.4	19.7
10 8	2 6.10	+13 54.1	1.875	2.837	6.7	19.4
10 18	1 58.41	+12 51.3	1.834	2.825	2.6	19.2
10 28	1 50.16	+11 42.9	1.822	2.814	1.8	19.1
11 7	1 42.31	+10 35.2	1.840	2.802	6.0	19.3
11 17	1 35.73	+ 9 34.6	1.884	2.789	9.9	19.5
11 27	1 31.13	+ 8 46.5	1.953	2.777	13.4	19.7

443276 2014 EF_{32} 10 23.8 246°.34 6°.7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.98	− 2 45.1	1.837	2.696	13.4	21.1
9 28	2 12.67	− 4 20.4	1.769	2.688	10.5	20.9
10 8	2 6.30	− 5 56.1	1.725	2.680	7.8	20.7
10 18	1 58.48	− 7 23.7	1.707	2.672	6.7	20.6
10 28	1 50.16	− 8 34.7	1.717	2.663	8.1	20.7
11 7	1 42.33	− 9 22.7	1.753	2.654	10.9	20.8
11 17	1 35.88	− 9 44.6	1.812	2.646	13.9	21.0
11 27	1 31.50	− 9 40.6	1.891	2.636	16.7	21.2

91911 1999 VQ_{29} 10 23.8 226°.36 1°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.91	+17 51.6	2.392	3.205	12.3	19.7
9 28	2 11.50	+17 26.7	2.305	3.201	9.5	19.5
10 8	2 5.40	+16 49.6	2.242	3.197	6.3	19.3
10 18	1 58.12	+16 2.0	2.205	3.193	2.8	19.0
10 28	1 50.42	+15 7.5	2.198	3.188	1.6	18.9
11 7	1 43.09	+14 10.9	2.220	3.184	4.9	19.2
11 17	1 36.87	+13 17.4	2.270	3.179	8.3	19.4
11 27	1 32.35	+12 31.8	2.347	3.175	11.3	19.6

494392 2016 UQ_{51} 10 23.8 319°.96 1°.9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.80	+ 8 13.0	1.443	2.304	16.4	20.6
9 28	2 14.84	+ 8 2.0	1.359	2.285	12.5	20.3
10 8	2 8.12	+ 7 43.3	1.296	2.266	8.0	20.0
10 18	1 59.29	+ 7 20.5	1.257	2.249	3.2	19.7
10 28	1 49.52	+ 6 59.1	1.243	2.232	3.5	19.7
11 7	1 40.19	+ 6 45.0	1.256	2.215	8.5	19.9
11 17	1 32.60	+ 6 43.1	1.292	2.199	13.4	20.1
11 27	1 27.72	+ 6 57.0	1.349	2.184	17.6	20.4

281908 2011 EQ_{16} 10 23.8 263°.26 4°.0/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.35	+25 1.0	2.491	3.265	12.9	21.1
9 28	2 14.27	+25 25.6	2.392	3.254	10.5	20.9
10 8	2 7.28	+25 36.6	2.316	3.242	7.8	20.7
10 18	1 58.88	+25 32.8	2.266	3.231	5.2	20.6
10 28	1 49.86	+25 14.9	2.244	3.220	4.0	20.5
11 7	1 41.12	+24 45.7	2.251	3.208	5.5	20.5
11 17	1 33.51	+24 9.6	2.286	3.196	8.2	20.7
11 27	1 27.73	+23 32.1	2.348	3.184	11.0	20.9

350073 2011 HX_{76} 10 23.8 67°.70 1°.1/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.55	+12 23.9	1.529	2.375	16.4	21.4
9 28	2 15.39	+11 32.7	1.484	2.402	12.2	21.2
10 8	2 7.92	+10 29.7	1.460	2.428	7.6	21.0
10 18	1 59.02	+ 9 20.3	1.462	2.455	2.7	20.8
10 28	1 49.87	+ 8 11.9	1.492	2.481	2.8	20.8
11 7	1 41.63	+ 7 12.0	1.549	2.507	7.3	21.2
11 17	1 35.23	+ 6 26.4	1.631	2.533	11.4	21.5
11 27	1 31.26	+ 5 58.5	1.736	2.559	14.9	21.8

241004 2006 KR_{121} 10 23.8 176°.24 0°.1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 17.22	+15 28.8	1.958	2.787	14.0	20.4
9 28	2 12.75	+14 32.7	1.880	2.788	10.6	20.2
10 8	2 6.29	+13 22.4	1.826	2.789	6.7	19.9
10 18	1 58.47	+12 1.5	1.798	2.790	2.5	19.7
10 28	1 50.20	+10 36.4	1.799	2.790	1.9	19.6
11 7	1 42.46	+ 9 14.4	1.830	2.790	6.2	19.9
11 17	1 36.09	+ 8 2.3	1.887	2.790	10.1	20.2
11 27	1 31.74	+ 7 5.6	1.970	2.789	13.5	20.4

228911 2003 SA_{164} 10 23.8 89°.29 1°.0/24.7 18

9 18	2 19.20	+15 24.2	2.352	3.167	12.4	20.0
9 28	2 13.93	+15 30.3	2.277	3.175	9.5	19.8
10 8	2 6.90	+15 27.4	2.225	3.182	6.2	19.6
10 18	1 58.68	+15 16.4	2.201	3.189	2.7	19.4
10 28	1 50.05	+14 59.8	2.206	3.197	1.6	19.3
11 7	1 41.86	+14 41.0	2.241	3.204	5.0	19.6
11 17	1 34.86	+14 23.6	2.304	3.211	8.3	19.8
11 27	1 29.65	+14 11.4	2.392	3.218	11.2	20.0

440874 2006 TR_{34} 10 23.8 359°.87 0°.6/24.2 18

9 18	2 18.79	+12 51.1	1.431	2.283	16.9	20.2
9 28	2 14.70	+13 9.2	1.361	2.280	13.0	19.9
10 8	2 7.91	+13 17.0	1.312	2.278	8.4	19.7
10 18	1 59.17	+13 15.7	1.286	2.278	3.3	19.4
10 28	1 49.68	+13 8.7	1.287	2.278	2.1	19.3
11 7	1 40.82	+13 0.7	1.313	2.280	7.2	19.6
11 17	1 33.80	+12 56.7	1.364	2.282	11.9	19.9
11 27	1 29.48	+13 1.5	1.437	2.286	15.9	20.1

478772 2012 UO_{127} 10 23.8 23°.83 0°.6/23.6 18

9 18	2 25.17	+ 7 53.8	1.078	1.947	20.1	19.8
9 28	2 19.89	+ 8 41.8	1.033	1.961	15.2	19.6
10 8	2 11.26	+ 9 24.6	1.006	1.977	9.6	19.3
10 18	2 0.37	+10 2.8	1.002	1.995	3.5	19.0
10 28	1 48.90	+10 38.5	1.023	2.014	2.8	19.1
11 7	1 38.61	+11 14.5	1.068	2.034	8.6	19.5
11 17	1 30.90	+11 53.4	1.137	2.056	13.7	19.8
11 27	1 26.56	+12 38.2	1.226	2.078	17.9	20.2

348760 2006 HK_{107} 10 23.8 92°.82 3°.6/21.0 18

9 18	2 21.22	+ 3 30.6	1.853	2.701	13.8	20.9
9 28	2 15.58	+ 2 49.6	1.802	2.720	10.4	20.7
10 8	2 7.94	+ 2 6.2	1.774	2.739	6.7	20.5
10 18	1 59.04	+ 1 25.5	1.772	2.758	3.8	20.4
10 28	1 49.85	+ 0 53.0	1.799	2.776	4.7	20.5
11 7	1 41.38	+ 0 33.1	1.854	2.794	7.9	20.7
11 17	1 34.44	+ 0 28.3	1.936	2.812	11.3	21.0
11 27	1 29.63	+ 0 39.5	2.039	2.829	14.2	21.2

139007 2001 DD_{41} 10 23.8 170°.15 1°.1/22.9 18

9 18	2 22.15	+11 15.6	1.838	2.673	14.5	20.6
9 28	2 16.56	+10 40.2	1.765	2.677	11.0	20.4
10 8	2 8.74	+ 9 54.6	1.715	2.680	6.9	20.1
10 18	1 59.40	+ 9 2.6	1.691	2.683	2.5	19.9
10 28	1 49.55	+ 8 9.8	1.696	2.685	2.6	19.9
11 7	1 40.30	+ 7 22.2	1.730	2.686	6.9	20.2
11 17	1 32.60	+ 6 45.3	1.791	2.687	10.9	20.4
11 27	1 27.15	+ 6 22.8	1.875	2.687	14.4	20.6

520371 2014 HL_{204} 10 23.8 152°.85 3°.2/20.6 18

9 18	2 17.57	+ 5 5.4	2.214	3.059	12.0	22.3
9 28	2 12.68	+ 4 0.4	2.148	3.065	9.0	22.1
10 8	2 6.09	+ 2 50.8	2.106	3.072	5.8	21.9
10 18	1 58.38	+ 1 41.7	2.092	3.078	3.3	21.8
10 28	1 50.33	+ 0 39.0	2.108	3.083	4.3	21.8
11 7	1 42.77	− 0 12.0	2.153	3.088	7.3	22.0
11 17	1 36.42	− 0 47.7	2.224	3.093	10.3	22.2
11 27	1 31.83	− 1 6.2	2.319	3.097	13.0	22.4

102983 1999 XA_{80} 10 23.8 0°.65 0°.6/23.3 18

9 18	2 16.94	+12 24.9	1.478	2.333	16.4	19.6
9 28	2 13.15	+11 58.9	1.410	2.331	12.5	19.3
10 8	2 6.84	+11 20.3	1.362	2.330	7.9	19.1
10 18	1 58.76	+10 32.8	1.338	2.330	2.9	18.8
10 28	1 50.04	+ 9 42.7	1.340	2.331	2.5	18.7
11 7	1 41.96	+ 8 57.2	1.369	2.332	7.5	19.1
11 17	1 35.62	+ 8 22.6	1.422	2.334	12.1	19.3
11 27	1 31.80	+ 8 3.7	1.498	2.336	16.0	19.6

141076 2001 XE_{25} 10 23.8 340°.95 7°.2/19.6 18

9 18	2 15.36	− 2 46.0	1.267	2.149	16.8	18.4
9 28	2 12.45	− 3 21.7	1.193	2.126	13.2	18.1
10 8	2 6.70	− 3 54.3	1.139	2.104	9.5	17.8
10 18	1 58.80	− 4 15.8	1.107	2.084	7.3	17.6
10 28	1 49.96	− 4 17.8	1.098	2.065	8.6	17.7
11 7	1 41.65	− 3 54.9	1.112	2.049	12.3	17.8
11 17	1 35.17	− 3 5.6	1.148	2.034	16.5	18.0
11 27	1 31.52	− 1 51.5	1.202	2.021	20.4	18.2

10462 Saxogrammaticus 10 23.8 135°.59 3°.4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 22.62	+ 6 7.4	1.718	2.565	14.8	19.3
9 28	2 16.85	+ 5 1.9	1.660	2.579	11.1	19.1
10 8	2 8.86	+ 3 50.2	1.626	2.592	7.0	18.9
10 18	1 59.42	+ 2 38.4	1.618	2.605	3.7	18.8
10 28	1 49.61	+ 1 34.1	1.638	2.617	4.7	18.9
11 7	1 40.55	+ 0 43.8	1.687	2.628	8.5	19.1
11 17	1 33.16	+ 0 11.9	1.761	2.638	12.2	19.4
11 27	1 28.09	− 0 0.0	1.858	2.648	15.3	19.6

91782 1999 TO_{214} 10 23.8 63°.19 0°.8/23.1 18

9 18	2 17.47	+11 24.6	2.001	2.839	13.3	19.7
9 28	2 12.78	+10 57.5	1.939	2.852	10.0	19.6
10 8	2 6.22	+10 21.8	1.900	2.866	6.3	19.4
10 18	1 58.44	+ 9 40.8	1.887	2.879	2.3	19.1
10 28	1 50.31	+ 8 59.3	1.903	2.893	2.2	19.2
11 7	1 42.75	+ 8 22.2	1.948	2.906	6.1	19.4
11 17	1 36.55	+ 7 53.7	2.019	2.920	9.6	19.7
11 27	1 32.27	+ 7 37.1	2.115	2.934	12.7	19.9

384966 2012 TQ_{154} 10 23.8 349°.64 0°.2/23.6 15

9 18	2 13.13	+12 11.0	2.084	2.926	12.7	20.4
9 28	2 9.66	+12 0.7	2.001	2.916	9.7	20.2
10 8	2 4.38	+11 41.9	1.941	2.907	6.1	19.9
10 18	1 57.81	+11 17.0	1.907	2.899	2.3	19.7
10 28	1 50.73	+10 49.5	1.900	2.891	1.8	19.6
11 7	1 44.02	+10 23.8	1.922	2.885	5.7	19.9
11 17	1 38.47	+10 3.9	1.971	2.879	9.4	20.1
11 27	1 34.72	+ 9 53.6	2.043	2.875	12.6	20.3

260776 2005 NB_{9} 10 23.8 176°.08 4°.1/27.1 18

9 18	2 22.30	+24 18.1	1.746	2.542	16.7	21.0
9 28	2 17.08	+24 22.6	1.666	2.544	13.5	20.8
10 8	2 9.30	+24 7.3	1.607	2.545	9.8	20.6
10 18	1 59.69	+23 31.3	1.571	2.546	6.0	20.4
10 28	1 49.39	+22 37.3	1.563	2.546	4.2	20.3
11 7	1 39.71	+21 31.4	1.582	2.546	6.6	20.4
11 17	1 31.76	+20 21.8	1.629	2.546	10.4	20.7
11 27	1 26.36	+19 17.2	1.699	2.545	14.1	20.9

269572 2009 WF_{176} 10 23.8 322°.45 1°.2/24.7 17

9 18	2 16.61	+15 55.9	2.000	2.828	13.8	20.8
9 28	2 12.47	+15 55.6	1.910	2.815	10.7	20.5
10 8	2 6.27	+15 44.0	1.843	2.802	7.0	20.3
10 18	1 58.56	+15 22.2	1.800	2.789	3.1	20.0
10 28	1 50.20	+14 53.3	1.786	2.777	1.8	19.9
11 7	1 42.21	+14 21.7	1.800	2.765	5.8	20.1
11 17	1 35.49	+13 52.4	1.841	2.754	9.7	20.4
11 27	1 30.79	+13 30.4	1.906	2.743	13.1	20.6

451185 2009 SG_{324} 10 23.8 107°.91 0°.6/23.3 18

9 18	2 18.81	+10 25.7	2.258	3.090	12.3	21.4
9 28	2 13.70	+10 18.1	2.182	3.092	9.3	21.2
10 8	2 6.81	+10 4.0	2.130	3.094	5.8	21.0
10 18	1 58.69	+ 9 45.7	2.105	3.097	2.1	20.7
10 28	1 50.15	+ 9 26.4	2.109	3.099	1.9	20.7
11 7	1 42.04	+ 9 9.8	2.143	3.101	5.6	21.0
11 17	1 35.13	+ 8 59.1	2.204	3.103	9.0	21.2
11 27	1 30.02	+ 8 57.2	2.291	3.105	12.0	21.4

203237 2001 JC_{10} 10 23.8 188°.99 6°.1/17.7 18

9 18	2 18.41	− 5 5.9	2.235	3.081	11.8	20.1
9 28	2 13.35	− 6 16.6	2.171	3.080	9.3	19.9
10 8	2 6.55	− 7 24.5	2.131	3.079	7.1	19.8
10 18	1 58.58	− 8 23.3	2.119	3.078	6.1	19.7
10 28	1 50.24	− 9 7.0	2.135	3.075	7.2	19.8
11 7	1 42.36	− 9 31.7	2.178	3.073	9.5	20.0
11 17	1 35.69	− 9 35.6	2.247	3.070	12.0	20.1
11 27	1 30.78	− 9 19.2	2.336	3.066	14.3	20.3

231705 1998 SX_{118} 10 23.8 30°.45 2°.0/25.3 18

9 18	2 21.07	+16 52.4	1.977	2.795	14.3	19.6
9 28	2 15.74	+17 19.6	1.904	2.800	11.1	19.4
10 8	2 8.26	+17 36.1	1.853	2.807	7.5	19.2
10 18	1 59.27	+17 41.9	1.828	2.813	3.7	19.0
10 28	1 49.74	+17 38.7	1.831	2.820	2.3	18.9
11 7	1 40.73	+17 30.0	1.863	2.828	5.7	19.2
11 17	1 33.17	+17 19.9	1.923	2.835	9.3	19.4
11 27	1 27.75	+17 12.9	2.007	2.843	12.6	19.6

118149 4298 $T\text{-}_{3}$ 10 23.8 128°.75 0°.9/23.1 18

9 18	2 24.73	+ 8 53.9	2.041	2.869	13.5	19.5
9 28	2 18.25	+ 8 57.3	1.972	2.880	10.2	19.3
10 8	2 9.71	+ 8 55.3	1.926	2.890	6.4	19.1
10 18	1 59.78	+ 8 50.1	1.908	2.900	2.4	18.9
10 28	1 49.41	+ 8 44.6	1.920	2.910	2.3	18.9
11 7	1 39.63	+ 8 42.2	1.962	2.919	6.2	19.2
11 17	1 31.33	+ 8 45.7	2.032	2.927	9.9	19.4
11 27	1 25.15	+ 8 57.8	2.126	2.936	13.0	19.6

451591 2012 BY_{71} 10 23.8 175°.49 4°.2/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 18.82	+26 37.4	2.427	3.196	13.3	21.3
9 28	2 13.83	+26 48.4	2.340	3.197	10.9	21.2
10 8	2 6.97	+26 43.5	2.275	3.198	8.2	21.0
10 18	1 58.79	+26 22.1	2.236	3.198	5.5	20.8
10 28	1 50.11	+25 45.6	2.224	3.199	4.2	20.7
11 7	1 41.84	+24 57.8	2.242	3.199	5.5	20.8
11 17	1 34.78	+24 3.9	2.287	3.199	8.1	21.0
11 27	1 29.59	+23 10.0	2.359	3.199	10.8	21.2

481868 2008 YE_{78} 10 23.8 236°.11 6°.6/29.9 18

9 18	2 20.62	+32 8.9	2.045	2.794	16.1	21.4
9 28	2 15.76	+32 30.4	1.953	2.787	13.7	21.2
10 8	2 8.48	+32 30.2	1.881	2.781	10.9	21.0
10 18	1 59.43	+32 5.7	1.831	2.774	8.2	20.8
10 28	1 49.64	+31 17.0	1.808	2.767	6.6	20.7
11 7	1 40.31	+30 8.4	1.811	2.760	7.4	20.7
11 17	1 32.53	+28 47.3	1.842	2.752	9.9	20.9
11 27	1 27.13	+27 22.9	1.898	2.744	12.8	21.0

428109 2006 RN_{32} 10 23.8 145°.24 3°.3/25.9 18

9 18	2 25.16	+20 2.4	1.585	2.399	17.4	21.0
9 28	2 19.43	+20 25.1	1.511	2.403	13.8	20.8
10 8	2 10.89	+20 31.6	1.458	2.407	9.6	20.6
10 18	2 0.33	+20 20.8	1.429	2.411	5.2	20.3
10 28	1 49.02	+19 55.0	1.428	2.415	3.5	20.2
11 7	1 38.39	+19 19.5	1.453	2.418	6.9	20.4
11 17	1 29.68	+18 41.4	1.505	2.421	11.2	20.7
11 27	1 23.77	+18 8.2	1.581	2.424	15.0	21.0

373147 2012 BX_{27} 10 23.8 214°.49 2°.9/25.7 17

9 18	2 24.29	+19 47.2	1.566	2.383	17.4	21.8
9 28	2 18.91	+19 57.0	1.484	2.379	13.8	21.5
10 8	2 10.67	+19 49.5	1.422	2.374	9.5	21.3
10 18	2 0.30	+19 24.4	1.385	2.369	5.0	21.0
10 28	1 49.06	+18 44.5	1.375	2.363	3.2	20.9
11 7	1 38.40	+17 55.8	1.391	2.357	7.1	21.1
11 17	1 29.61	+17 6.3	1.434	2.351	11.6	21.3
11 27	1 23.66	+16 23.8	1.500	2.344	15.7	21.6

454711 2014 SP_{130} 10 23.8 68°.87 0°.2/23.6 18

9 18	2 16.84	+12 33.3	2.294	3.124	12.2	21.5
9 28	2 12.21	+12 16.4	2.220	3.128	9.2	21.3
10 8	2 5.87	+11 51.3	2.169	3.133	5.8	21.1
10 18	1 58.38	+11 20.3	2.146	3.138	2.1	20.9
10 28	1 50.50	+10 47.0	2.152	3.142	1.7	20.9
11 7	1 43.06	+10 15.5	2.187	3.147	5.3	21.1
11 17	1 36.78	+ 9 49.7	2.249	3.152	8.7	21.3
11 27	1 32.22	+ 9 33.0	2.337	3.157	11.6	21.5

225662 2001 KG_{74} 10 23.8 264°.03 2°.5/26.7 18

9 18	2 14.99	+23 36.0	2.385	3.176	12.9	19.8
9 28	2 10.89	+23 3.6	2.296	3.173	10.3	19.6
10 8	2 5.08	+22 14.7	2.230	3.171	7.2	19.4
10 18	1 58.10	+21 10.5	2.190	3.168	4.1	19.2
10 28	1 50.71	+19 54.6	2.179	3.165	2.6	19.1
11 7	1 43.72	+18 32.7	2.198	3.163	4.9	19.2
11 17	1 37.89	+17 11.1	2.245	3.160	8.1	19.4
11 27	1 33.77	+15 56.1	2.319	3.157	11.0	19.6

229822 2008 TA_{112} 10 23.8 23°.09 1°.0/25.5 18

9 18	2 9.54	+18 25.8	4.219	5.016	7.6	20.4
9 28	2 6.08	+18 9.7	4.131	5.017	5.9	20.2
10 8	2 1.73	+17 46.7	4.069	5.019	3.9	20.1
10 18	1 56.80	+17 17.8	4.035	5.020	1.9	20.0
10 28	1 51.66	+16 45.0	4.032	5.022	1.1	19.9
11 7	1 46.72	+16 10.3	4.059	5.023	2.9	20.0
11 17	1 42.35	+15 36.2	4.116	5.025	4.9	20.2
11 27	1 38.87	+15 5.1	4.201	5.026	6.7	20.3

174885 2004 BJ_{76} 10 23.8 200°.88 1°.4/22.6 18

9 18	2 21.50	+10 27.8	1.972	2.806	13.7	21.0
9 28	2 16.05	+ 9 47.2	1.890	2.802	10.4	20.8
10 8	2 8.47	+ 8 57.0	1.832	2.797	6.5	20.5
10 18	1 59.40	+ 8 1.1	1.800	2.792	2.5	20.3
10 28	1 49.78	+ 7 4.9	1.798	2.786	2.8	20.3
11 7	1 40.64	+ 6 14.4	1.825	2.779	6.8	20.5
11 17	1 32.90	+ 5 35.0	1.880	2.771	10.7	20.8
11 27	1 27.28	+ 5 10.3	1.958	2.763	14.1	21.0

48388 1979 MZ_{5} 10 23.8 110°.10 0°.9/24.7 18

9 18	2 19.53	+16 57.3	2.064	2.882	13.8	20.1
9 28	2 14.35	+16 31.8	1.998	2.897	10.6	19.9
10 8	2 7.25	+15 53.6	1.954	2.911	6.9	19.7
10 18	1 58.89	+15 4.9	1.937	2.926	2.9	19.5
10 28	1 50.19	+14 10.2	1.948	2.940	1.7	19.4
11 7	1 42.07	+13 15.1	1.990	2.953	5.5	19.7
11 17	1 35.35	+12 25.0	2.059	2.967	9.1	19.9
11 27	1 30.61	+11 44.8	2.153	2.979	12.2	20.2

379332 2009 WG_{74} 10 23.8 359°.81 3°.2/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.61	+ 7 1.6	1.113	1.994	18.7	19.8
9 28	2 13.56	+ 6 32.6	1.054	1.990	14.1	19.5
10 8	2 7.44	+ 5 55.0	1.014	1.988	9.0	19.2
10 18	1 59.11	+ 5 15.2	0.996	1.988	4.0	19.0
10 28	1 50.01	+ 4 41.3	1.002	1.988	4.8	19.0
11 7	1 41.73	+ 4 21.0	1.031	1.990	10.0	19.3
11 17	1 35.61	+ 4 19.4	1.082	1.993	15.0	19.6
11 27	1 32.53	+ 4 38.6	1.152	1.998	19.3	19.9

236825 2007 RS_{52} 10 23.8 122°.15 0°.3/23.6 18

9 18	2 18.36	+15 1.7	2.017	2.844	13.7	21.8
9 28	2 13.48	+14 5.0	1.950	2.857	10.4	21.6
10 8	2 6.70	+12 55.4	1.906	2.869	6.5	21.4
10 18	1 58.69	+11 37.0	1.889	2.881	2.4	21.1
10 28	1 50.34	+10 15.7	1.902	2.892	1.9	21.1
11 7	1 42.59	+ 8 58.7	1.944	2.903	6.0	21.4
11 17	1 36.22	+ 7 51.9	2.014	2.914	9.7	21.7
11 27	1 31.80	+ 6 59.9	2.108	2.924	12.8	21.9

223870 2004 TX_{336} 10 23.8 299°.91 0°.7/23.2 17

9 18	2 16.95	+11 9.2	2.095	2.933	12.9	20.6
9 28	2 12.69	+10 50.6	1.997	2.910	9.8	20.4
10 8	2 6.43	+10 23.5	1.922	2.888	6.2	20.1
10 18	1 58.69	+ 9 50.4	1.873	2.865	2.3	19.8
10 28	1 50.28	+ 9 15.1	1.853	2.843	2.1	19.8
11 7	1 42.16	+ 8 42.5	1.861	2.821	6.2	20.0
11 17	1 35.20	+ 8 17.2	1.897	2.798	10.1	20.2
11 27	1 30.15	+ 8 3.1	1.956	2.776	13.5	20.4

483532 2003 UO_{23} 10 23.8 25°.08 2°.0/25.6 16

9 18	2 13.74	+22 40.5	1.368	2.203	18.6	19.9
9 28	2 10.89	+21 31.3	1.306	2.211	14.5	19.7
10 8	2 5.46	+19 54.9	1.264	2.221	9.8	19.5
10 18	1 58.30	+17 56.1	1.245	2.232	4.7	19.2
10 28	1 50.67	+15 44.4	1.252	2.243	2.4	19.1
11 7	1 43.85	+13 32.9	1.286	2.255	7.0	19.4
11 17	1 38.90	+11 33.9	1.346	2.268	11.7	19.7
11 27	1 36.50	+ 9 56.8	1.429	2.282	15.8	20.0

515782 2015 KV_{146} 10 23.8 62°.75 7°.2/17.7 18

9 18	2 17.53	− 2 56.9	1.592	2.458	14.8	21.3
9 28	2 13.24	− 4 31.5	1.542	2.465	11.5	21.1
10 8	2 6.72	− 6 4.2	1.515	2.472	8.5	21.0
10 18	1 58.74	− 7 25.7	1.513	2.479	7.2	20.9
10 28	1 50.36	− 8 27.2	1.538	2.487	8.6	21.0
11 7	1 42.67	− 9 3.0	1.587	2.494	11.5	21.2
11 17	1 36.61	− 9 11.2	1.660	2.502	14.6	21.4
11 27	1 32.82	− 8 53.1	1.751	2.509	17.3	21.6

511039 2013 RU_{39} 10 23.8 325°.59 3°.1/21.7 18

9 18	2 16.61	+ 8 56.8	1.223	2.096	17.9	21.4
9 28	2 13.46	+ 7 59.1	1.153	2.085	13.6	21.1
10 8	2 7.38	+ 6 47.9	1.102	2.075	8.6	20.8
10 18	1 59.13	+ 5 30.1	1.074	2.066	3.8	20.5
10 28	1 50.03	+ 4 15.7	1.071	2.057	4.9	20.5
11 7	1 41.58	+ 3 15.2	1.093	2.049	10.0	20.8
11 17	1 35.12	+ 2 36.1	1.137	2.041	15.1	21.1
11 27	1 31.58	+ 2 22.5	1.200	2.034	19.4	21.3

278282 2007 GC_{27} 10 23.8 39°.06 2°.8/21.6 18

9 18	2 16.29	+ 9 59.1	1.287	2.156	17.5	19.7
9 28	2 12.69	+ 8 42.0	1.241	2.171	13.0	19.5
10 8	2 6.51	+ 7 12.8	1.215	2.188	8.1	19.3
10 18	1 58.67	+ 5 39.8	1.213	2.205	3.5	19.1
10 28	1 50.44	+ 4 13.2	1.237	2.222	4.5	19.2
11 7	1 43.12	+ 3 2.7	1.287	2.241	9.1	19.5
11 17	1 37.72	+ 2 14.3	1.360	2.259	13.5	19.8
11 27	1 34.89	+ 1 50.6	1.454	2.279	17.1	20.1

27564 Astreichelt 10 23.8 237°.88 0°.0/23.8 18

9 18	2 16.74	+15 9.5	2.108	2.935	13.2	18.9
9 28	2 12.40	+14 25.2	2.022	2.928	10.1	18.7
10 8	2 6.15	+13 28.0	1.958	2.921	6.4	18.5
10 18	1 58.57	+12 20.9	1.922	2.913	2.4	18.2
10 28	1 50.49	+11 9.0	1.915	2.906	1.8	18.1
11 7	1 42.82	+ 9 58.7	1.937	2.898	5.8	18.4
11 17	1 36.40	+ 8 56.2	1.986	2.890	9.6	18.6
11 27	1 31.86	+ 8 6.4	2.060	2.881	12.9	18.8

306314 2011 ST_{85} 10 23.8 85°.95 2°.4/21.8 18

9 18	2 19.34	+ 7 18.6	1.888	2.734	13.7	20.9
9 28	2 14.24	+ 6 34.3	1.833	2.752	10.2	20.7
10 8	2 7.19	+ 5 44.3	1.801	2.769	6.4	20.5
10 18	1 58.90	+ 4 53.1	1.796	2.786	2.9	20.3
10 28	1 50.30	+ 4 6.5	1.820	2.803	3.6	20.4
11 7	1 42.36	+ 3 29.7	1.872	2.820	7.2	20.6
11 17	1 35.88	+ 3 6.5	1.950	2.837	10.7	20.9
11 27	1 31.44	+ 2 58.8	2.051	2.853	13.6	21.1

192901 1999 XR_{151} 10 23.8 205°.70 0°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 16.68	+14 20.2	2.558	3.377	11.4	20.8
9 28	2 12.00	+14 1.6	2.472	3.374	8.7	20.6
10 8	2 5.74	+13 34.1	2.411	3.372	5.6	20.4
10 18	1 58.39	+12 59.8	2.378	3.369	2.2	20.2
10 28	1 50.63	+12 21.6	2.374	3.365	1.4	20.1
11 7	1 43.22	+11 43.6	2.400	3.362	4.8	20.3
11 17	1 36.84	+11 9.8	2.455	3.358	8.0	20.5
11 27	1 32.03	+10 43.7	2.536	3.355	10.8	20.7

446445 2014 JQ_{48} 10 23.8 27°.71 8°.3/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.15	− 9 13.6	1.872	2.725	13.5	20.7
9 28	2 13.49	−10 31.0	1.819	2.726	11.0	20.6
10 8	2 6.81	−11 41.1	1.788	2.726	8.9	20.4
10 18	1 58.80	−12 36.2	1.782	2.727	8.3	20.4
10 28	1 50.39	−13 9.5	1.803	2.727	9.4	20.5
11 7	1 42.57	−13 17.4	1.848	2.728	11.7	20.6
11 17	1 36.16	−12 59.2	1.917	2.729	14.2	20.8
11 27	1 31.81	−12 17.2	2.005	2.730	16.5	21.0

393199 2013 CN_{185} 10 23.8 319°.64 2°.5/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 8.91	+ 0 23.7	4.193	5.035	6.8	20.7
9 28	2 5.59	− 0 16.7	4.119	5.033	5.2	20.6
10 8	2 1.44	− 0 57.2	4.071	5.031	3.5	20.5
10 18	1 56.74	− 1 35.5	4.053	5.029	2.5	20.4
10 28	1 51.85	− 2 9.0	4.064	5.027	3.1	20.5
11 7	1 47.16	− 2 35.4	4.105	5.025	4.7	20.6
11 17	1 43.00	− 2 53.2	4.174	5.023	6.3	20.7
11 27	1 39.69	− 3 1.4	4.269	5.021	7.9	20.8

496452 2014 QV_{42} 10 23.8 348°.34 6°.4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.40	− 5 49.5	2.128	2.982	12.1	20.9
9 28	2 11.22	− 6 54.4	2.066	2.980	9.5	20.8
10 8	2 5.31	− 7 55.5	2.029	2.978	7.3	20.6
10 18	1 58.24	− 8 46.5	2.018	2.976	6.4	20.6
10 28	1 50.79	− 9 21.6	2.034	2.974	7.5	20.6
11 7	1 43.80	− 9 37.0	2.076	2.973	9.7	20.8
11 17	1 38.01	− 9 31.3	2.143	2.972	12.3	21.0
11 27	1 33.96	− 9 5.1	2.230	2.971	14.5	21.1

22624 1998 KS_{34} 10 23.8 81°.63 5°.0/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.26	− 1 48.4	2.089	2.939	12.4	18.4
9 28	2 13.33	− 2 34.3	2.029	2.945	9.5	18.2
10 8	2 6.61	− 3 18.7	1.993	2.951	6.7	18.1
10 18	1 58.72	− 3 56.2	1.984	2.958	5.0	18.0
10 28	1 50.47	− 4 21.7	2.003	2.964	6.0	18.0
11 7	1 42.76	− 4 31.6	2.050	2.970	8.6	18.2
11 17	1 36.33	− 4 24.2	2.122	2.976	11.4	18.4
11 27	1 31.75	− 3 59.7	2.216	2.982	13.9	18.6

373659 2002 QU_{67} 10 23.8 49°.54 0°.2/23.9 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.94	+15 4.7	1.163	2.020	19.7	20.9
9 28	2 16.47	+14 33.1	1.119	2.041	15.0	20.7
10 8	2 9.02	+13 44.1	1.095	2.063	9.5	20.5
10 18	1 59.66	+12 42.5	1.093	2.085	3.6	20.2
10 28	1 49.89	+11 36.4	1.116	2.107	2.4	20.2
11 7	1 41.26	+10 35.6	1.164	2.131	8.0	20.6
11 17	1 34.93	+ 9 47.9	1.236	2.154	13.0	21.0
11 27	1 31.58	+ 9 18.6	1.329	2.178	17.0	21.3

282265 2002 KP_{14} 10 23.8 75°.70 9°.4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.56	−10 42.8	1.691	2.545	14.7	20.0
9 28	2 14.59	−12 12.4	1.654	2.558	12.0	19.9
10 8	2 7.49	−13 31.7	1.638	2.572	10.0	19.8
10 18	1 59.04	−14 31.7	1.648	2.585	9.4	19.8
10 28	1 50.30	−15 5.7	1.682	2.598	10.5	19.9
11 7	1 42.33	−15 10.4	1.741	2.612	12.7	20.0
11 17	1 35.99	−14 46.6	1.821	2.625	15.1	20.2
11 27	1 31.87	−13 57.6	1.921	2.638	17.3	20.4

71681 2000 FZ_{1} 10 23.8 355°.65 0°.0/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.37	+13 13.5	1.852	2.694	14.1	18.5
9 28	2 11.59	+12 58.5	1.776	2.691	10.7	18.3
10 8	2 5.76	+12 33.0	1.722	2.688	6.9	18.0
10 18	1 58.47	+11 59.6	1.694	2.686	2.6	17.8
10 28	1 50.65	+11 22.6	1.693	2.684	1.8	17.7
11 7	1 43.31	+10 47.2	1.720	2.684	6.2	18.0
11 17	1 37.33	+10 18.4	1.773	2.684	10.1	18.2
11 27	1 33.39	+10 0.6	1.849	2.684	13.6	18.5

23520 Ludwigbechstein 10 23.8 356°.95 1°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.02	+ 8 35.8	1.166	2.034	18.9	18.3
9 28	2 17.71	+ 8 43.7	1.102	2.031	14.5	18.1
10 8	2 10.16	+ 8 44.0	1.057	2.029	9.2	17.8
10 18	2 0.23	+ 8 39.8	1.035	2.027	3.5	17.4
10 28	1 49.40	+ 8 36.0	1.037	2.027	3.3	17.4
11 7	1 39.37	+ 8 38.1	1.063	2.027	9.0	17.8
11 17	1 31.60	+ 8 50.6	1.113	2.028	14.3	18.1
11 27	1 27.06	+ 9 16.6	1.182	2.030	18.7	18.4

486603 2013 JC_{62} 10 23.8 112°.45 1°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.86	+19 9.4	2.394	3.202	12.4	21.2
9 28	2 11.44	+18 28.8	2.319	3.212	9.6	21.0
10 8	2 5.39	+17 34.8	2.267	3.221	6.3	20.8
10 18	1 58.27	+16 29.8	2.242	3.229	2.9	20.6
10 28	1 50.84	+15 18.0	2.247	3.238	1.6	20.5
11 7	1 43.86	+14 5.0	2.282	3.247	4.8	20.8
11 17	1 38.03	+12 56.5	2.346	3.255	8.1	21.0
11 27	1 33.87	+11 57.3	2.435	3.263	10.9	21.2

84596 2002 VT_{30} 10 23.8 291°.10 2°.2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.74	+ 7 18.8	1.490	2.343	16.3	19.5
9 28	2 17.70	+ 7 7.1	1.414	2.336	12.4	19.2
10 8	2 9.90	+ 6 49.1	1.360	2.328	7.9	19.0
10 18	2 0.10	+ 6 28.5	1.330	2.321	3.3	18.7
10 28	1 49.50	+ 6 10.6	1.326	2.314	3.7	18.7
11 7	1 39.48	+ 6 0.7	1.350	2.307	8.4	18.9
11 17	1 31.27	+ 6 3.1	1.398	2.300	13.0	19.2
11 27	1 25.78	+ 6 20.4	1.468	2.293	17.0	19.4

296729 2009 SF_{361} 10 23.8 305°.39 2°.7/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.29	+19 5.7	2.219	3.021	13.4	20.5
9 28	2 15.92	+19 36.9	2.129	3.015	10.6	20.3
10 8	2 8.47	+19 57.3	2.062	3.008	7.4	20.1
10 18	1 59.52	+20 6.5	2.021	3.001	4.1	19.9
10 28	1 49.91	+20 5.2	2.009	2.995	2.8	19.8
11 7	1 40.63	+19 56.1	2.026	2.988	5.5	20.0
11 17	1 32.60	+19 43.4	2.071	2.982	8.8	20.2
11 27	1 26.57	+19 31.7	2.141	2.976	12.0	20.3

461264 2015 XM_{53} 10 23.8 14°.14 5°.5/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.48	− 3 10.6	2.222	3.075	11.7	20.8
9 28	2 11.21	− 4 15.2	2.160	3.076	9.0	20.6
10 8	2 5.28	− 5 18.1	2.122	3.076	6.6	20.5
10 18	1 58.25	− 6 13.5	2.111	3.077	5.5	20.4
10 28	1 50.86	− 6 55.7	2.127	3.077	6.5	20.5
11 7	1 43.92	− 7 20.6	2.171	3.078	8.9	20.6
11 17	1 38.11	− 7 26.4	2.240	3.079	11.4	20.8
11 27	1 34.00	− 7 13.0	2.330	3.079	13.8	21.0

328845 2009 WG_{85} 10 23.8 31°.99 3°.8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.49	+25 12.4	2.144	2.932	14.3	20.9
9 28	2 12.27	+25 10.9	2.065	2.936	11.5	20.7
10 8	2 6.11	+24 52.1	2.008	2.941	8.4	20.5
10 18	1 58.60	+24 16.0	1.976	2.947	5.3	20.4
10 28	1 50.62	+23 25.3	1.971	2.952	3.8	20.3
11 7	1 43.12	+22 25.0	1.995	2.958	5.5	20.4
11 17	1 36.95	+21 21.2	2.046	2.963	8.6	20.6
11 27	1 32.73	+20 20.7	2.122	2.969	11.6	20.8

15164 2000 GA_{89} 10 23.8 101°.77 3°.3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.72	+ 6 57.8	1.605	2.460	15.3	17.9
9 28	2 14.92	+ 5 52.4	1.547	2.470	11.4	17.7
10 8	2 7.83	+ 4 39.4	1.512	2.481	7.2	17.5
10 18	1 59.23	+ 3 25.5	1.502	2.491	3.7	17.3
10 28	1 50.20	+ 2 18.4	1.520	2.501	4.7	17.4
11 7	1 41.91	+ 1 25.5	1.566	2.511	8.6	17.7
11 17	1 35.29	+ 0 51.4	1.636	2.521	12.5	17.9
11 27	1 31.01	+ 0 38.1	1.728	2.530	15.8	18.2

353621 2011 UN_{40} 10 23.8 64°.54 0°.3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.02	+15 28.8	1.743	2.578	15.2	20.6
9 28	2 13.58	+14 54.5	1.679	2.589	11.6	20.4
10 8	2 6.97	+14 6.3	1.637	2.600	7.4	20.2
10 18	1 58.91	+13 7.7	1.620	2.611	2.9	19.9
10 28	1 50.43	+12 4.4	1.631	2.622	1.8	19.9
11 7	1 42.59	+11 3.2	1.670	2.634	6.3	20.2
11 17	1 36.32	+10 10.6	1.736	2.645	10.4	20.5
11 27	1 32.26	+ 9 31.5	1.825	2.657	13.8	20.7

313977 2004 TQ_{62} 10 23.8 34°.04 1°.3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.20	+17 26.7	0.881	1.755	23.0	20.2
9 28	2 15.14	+17 1.7	0.843	1.773	17.6	20.0
10 8	2 8.52	+16 12.3	0.823	1.792	11.4	19.7
10 18	1 59.54	+15 3.4	0.822	1.813	4.8	19.5
10 28	1 50.07	+13 45.4	0.843	1.835	2.6	19.4
11 7	1 41.95	+12 31.1	0.886	1.858	8.8	19.9
11 17	1 36.55	+11 31.3	0.952	1.881	14.4	20.3
11 27	1 34.58	+10 53.1	1.036	1.906	19.0	20.6

359952 2012 BL_{29} 10 23.8 123°.20 0°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.02	+15 8.4	2.221	3.043	12.8	21.0
9 28	2 13.21	+14 50.5	2.146	3.048	9.8	20.8
10 8	2 6.59	+14 22.2	2.094	3.054	6.3	20.6
10 18	1 58.76	+13 45.4	2.069	3.059	2.5	20.4
10 28	1 50.52	+13 4.0	2.073	3.064	1.5	20.3
11 7	1 42.74	+12 22.4	2.106	3.069	5.3	20.6
11 17	1 36.19	+11 45.5	2.167	3.074	8.8	20.8
11 27	1 31.47	+11 17.2	2.253	3.078	11.8	21.0

166610 2002 RC_{234} 10 23.8 345°.32 1°.2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 17.18	+11 8.0	1.643	2.494	15.2	20.3
9 28	2 13.18	+10 33.7	1.570	2.490	11.5	20.1
10 8	2 6.87	+ 9 48.4	1.519	2.487	7.2	19.8
10 18	1 58.93	+ 8 56.3	1.493	2.485	2.7	19.5
10 28	1 50.39	+ 8 3.5	1.493	2.483	2.8	19.5
11 7	1 42.42	+ 7 16.7	1.521	2.481	7.3	19.8
11 17	1 36.00	+ 6 41.7	1.575	2.479	11.6	20.1
11 27	1 31.88	+ 6 22.6	1.650	2.478	15.3	20.3

411597 2011 FU_{73} 10 23.9 334°.66 7°.1/29.2 17

9 18	2 23.39	+30 42.3	2.133	2.881	15.6	20.7
9 28	2 17.98	+31 53.6	2.042	2.875	13.2	20.5
10 8	2 10.06	+32 48.4	1.972	2.868	10.7	20.3
10 18	2 0.22	+33 22.6	1.926	2.862	8.4	20.2
10 28	1 49.45	+33 34.2	1.906	2.856	7.2	20.1
11 7	1 38.97	+33 24.7	1.914	2.851	7.9	20.1
11 17	1 29.94	+32 58.7	1.948	2.846	10.1	20.3
11 27	1 23.29	+32 23.5	2.006	2.841	12.6	20.4

442819 2013 AN_{58} 10 23.9 278°.94 7°.6/17.0 18

9 18	2 17.79	− 6 31.0	1.848	2.704	13.5	20.8
9 28	2 13.39	− 7 50.3	1.781	2.694	10.8	20.6
10 8	2 6.89	− 9 5.8	1.737	2.683	8.5	20.4
10 18	1 58.94	−10 9.5	1.718	2.673	7.6	20.4
10 28	1 50.45	−10 53.8	1.726	2.663	8.9	20.4
11 7	1 42.45	−11 13.8	1.760	2.652	11.4	20.5
11 17	1 35.84	−11 7.8	1.816	2.642	14.3	20.7
11 27	1 31.31	−10 36.8	1.892	2.632	16.8	20.9

117343 2004 XR_{38} 10 23.9 334°.14 8°.0/16.6 18

9 18	2 14.67	− 2 22.0	1.475	2.350	15.3	19.3
9 28	2 11.43	− 4 20.7	1.415	2.343	11.9	19.1
10 8	2 5.83	− 6 20.7	1.378	2.337	9.0	18.9
10 18	1 58.57	− 8 10.6	1.366	2.331	8.0	18.9
10 28	1 50.73	− 9 39.1	1.379	2.326	9.7	19.0
11 7	1 43.49	−10 37.9	1.417	2.321	12.9	19.1
11 17	1 37.87	−11 3.8	1.476	2.316	16.2	19.3
11 27	1 34.61	−10 57.6	1.553	2.312	19.1	19.5

226253 2002 YV_{6} 10 23.9 312°.03 6°.9/19.1 18

9 18	2 18.79	− 1 10.0	1.393	2.264	16.2	20.0
9 28	2 14.79	− 2 18.2	1.325	2.253	12.6	19.7
10 8	2 8.10	− 3 27.3	1.279	2.242	9.0	19.5
10 18	1 59.46	− 4 28.5	1.255	2.231	6.9	19.4
10 28	1 50.08	− 5 12.1	1.258	2.221	8.4	19.4
11 7	1 41.31	− 5 31.5	1.284	2.211	11.9	19.6
11 17	1 34.34	− 5 23.6	1.333	2.201	15.8	19.8
11 27	1 30.03	− 4 48.9	1.400	2.192	19.3	20.0

171152 2005 GK_{78} 10 23.9 202°.57 6°.9/17.5 18

9 18	2 18.20	− 5 39.8	1.968	2.821	13.0	20.0
9 28	2 13.49	− 6 55.2	1.907	2.819	10.2	19.8
10 8	2 6.84	− 8 6.9	1.870	2.818	7.9	19.7
10 18	1 58.89	− 9 7.8	1.859	2.816	6.9	19.6
10 28	1 50.52	− 9 51.1	1.875	2.814	8.1	19.7
11 7	1 42.66	−10 12.4	1.917	2.812	10.5	19.8
11 17	1 36.15	−10 10.2	1.983	2.810	13.2	20.0
11 27	1 31.60	− 9 45.4	2.070	2.808	15.6	20.2

267153 2000 GQ_{56} 10 23.9 165°.72 0°.1/23.8 17

9 18	2 22.30	+13 21.2	1.939	2.765	14.2	21.6
9 28	2 16.69	+12 59.0	1.864	2.770	10.8	21.3
10 8	2 8.93	+12 26.0	1.812	2.774	6.9	21.1
10 18	1 59.70	+11 44.9	1.786	2.777	2.6	20.9
10 28	1 49.96	+11 0.2	1.789	2.780	1.9	20.8
11 7	1 40.77	+10 17.3	1.822	2.783	6.2	21.1
11 17	1 33.06	+ 9 41.6	1.882	2.784	10.1	21.3
11 27	1 27.53	+ 9 17.1	1.966	2.785	13.5	21.6

184818 2005 TX_{140} 10 23.9 288°.25 1°.5/22.5 18

9 18	2 17.14	+ 9 22.5	2.059	2.900	12.9	21.1
9 28	2 12.70	+ 8 48.9	1.981	2.898	9.7	20.9
10 8	2 6.37	+ 8 7.8	1.928	2.895	6.1	20.7
10 18	1 58.74	+ 7 22.8	1.901	2.892	2.4	20.5
10 28	1 50.63	+ 6 38.8	1.903	2.890	2.7	20.5
11 7	1 42.96	+ 6 0.7	1.933	2.887	6.5	20.7
11 17	1 36.55	+ 5 33.1	1.990	2.885	10.1	20.9
11 27	1 32.02	+ 5 18.8	2.071	2.882	13.2	21.1

445320 2010 FW_{96} 10 23.9 184°.70 1°.5/22.5 18

9 18	2 18.23	+10 48.7	2.013	2.851	13.3	22.0
9 28	2 13.54	+ 9 55.9	1.937	2.851	10.0	21.8
10 8	2 6.90	+ 8 53.2	1.884	2.851	6.3	21.5
10 18	1 58.93	+ 7 44.9	1.859	2.851	2.4	21.3
10 28	1 50.51	+ 6 37.0	1.863	2.850	2.8	21.3
11 7	1 42.57	+ 5 35.8	1.895	2.848	6.7	21.6
11 17	1 35.95	+ 4 46.7	1.955	2.847	10.4	21.8
11 27	1 31.29	+ 4 13.3	2.038	2.845	13.5	22.0

167366 2003 WL_{49} 10 23.9 120°.24 4°.9/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.20	+28 38.2	1.992	2.762	15.8	20.3
9 28	2 15.24	+28 32.1	1.916	2.772	13.0	20.1
10 8	2 8.07	+28 4.5	1.860	2.781	9.8	19.9
10 18	1 59.38	+27 15.1	1.828	2.790	6.6	19.7
10 28	1 50.21	+26 6.4	1.823	2.798	4.9	19.7
11 7	1 41.66	+24 44.6	1.847	2.807	6.2	19.8
11 17	1 34.67	+23 17.7	1.898	2.815	9.2	20.0
11 27	1 29.93	+21 54.2	1.975	2.822	12.3	20.2

520439 2014 KW_{32} 10 23.9 210°.05 0°.1/23.8 18

9 18	2 17.37	+15 34.2	2.174	2.997	13.0	22.2
9 28	2 12.83	+14 39.9	2.088	2.993	9.9	22.0
10 8	2 6.43	+13 32.3	2.026	2.988	6.3	21.8
10 18	1 58.76	+12 14.5	1.991	2.982	2.4	21.5
10 28	1 50.63	+10 52.1	1.986	2.977	1.7	21.5
11 7	1 42.92	+ 9 31.7	2.010	2.970	5.7	21.7
11 17	1 36.44	+ 8 19.7	2.063	2.964	9.4	22.0
11 27	1 31.80	+ 7 21.3	2.141	2.957	12.6	22.2

42915 1999 RD_{232} 10 23.9 38°.45 0°.9/23.4 18 R

9 18	2 24.13	+ 9 56.6	1.176	2.037	19.2	18.1
9 28	2 19.10	+10 4.0	1.122	2.047	14.6	17.8
10 8	2 10.90	+10 2.1	1.088	2.057	9.2	17.6
10 18	2 0.50	+ 9 53.7	1.076	2.069	3.4	17.3
10 28	1 49.45	+ 9 43.8	1.090	2.080	2.9	17.3
11 7	1 39.40	+ 9 38.0	1.128	2.093	8.5	17.7
11 17	1 31.69	+ 9 41.3	1.190	2.105	13.6	18.0
11 27	1 27.17	+ 9 57.3	1.273	2.118	17.8	18.3

399650 2004 RJ_{127} 10 23.9 8°.57 0°.5/23.4 16

9 18	2 14.54	+12 57.0	1.591	2.444	15.5	20.8
9 28	2 11.21	+12 24.9	1.525	2.446	11.7	20.6
10 8	2 5.64	+11 40.4	1.481	2.449	7.4	20.3
10 18	1 58.50	+10 47.3	1.460	2.453	2.7	20.1
10 28	1 50.84	+ 9 51.8	1.467	2.457	2.3	20.0
11 7	1 43.78	+ 9 0.9	1.500	2.463	6.9	20.4
11 17	1 38.28	+ 8 20.8	1.558	2.470	11.2	20.6
11 27	1 35.03	+ 7 55.7	1.639	2.477	14.8	20.9

43221 2000 AJ_{151} 10 23.9 335°.86 2°.9/22.4 18

9 18	2 21.68	+ 6 11.7	1.229	2.097	18.1	17.8
9 28	2 17.39	+ 6 1.1	1.160	2.089	13.8	17.5
10 8	2 9.97	+ 5 44.6	1.111	2.082	8.8	17.2
10 18	2 0.24	+ 5 27.1	1.085	2.076	3.9	16.9
10 28	1 49.59	+ 5 14.6	1.083	2.070	4.5	16.9
11 7	1 39.65	+ 5 13.1	1.106	2.065	9.6	17.2
11 17	1 31.81	+ 5 26.7	1.153	2.060	14.6	17.5
11 27	1 27.07	+ 5 57.5	1.219	2.056	19.0	17.8

319249 2006 AL_{66} 10 23.9 40°.69 2°.4/21.9 18

9 18	2 17.10	+ 7 23.9	1.761	2.614	14.2	20.0
9 28	2 12.74	+ 6 44.7	1.708	2.631	10.6	19.8
10 8	2 6.38	+ 5 59.5	1.679	2.648	6.6	19.6
10 18	1 58.72	+ 5 13.1	1.675	2.665	3.0	19.5
10 28	1 50.73	+ 4 31.4	1.699	2.683	3.6	19.5
11 7	1 43.41	+ 3 59.5	1.750	2.701	7.3	19.8
11 17	1 37.57	+ 3 41.2	1.827	2.720	10.9	20.1
11 27	1 33.81	+ 3 38.4	1.926	2.739	14.0	20.3

243486 2009 TQ_{34} 10 23.9 312°.92 4°.7/20.6 17

9 18	2 21.02	− 1 23.3	1.969	2.817	13.1	19.4
9 28	2 15.88	− 1 37.9	1.879	2.795	10.2	19.2
10 8	2 8.56	− 1 50.4	1.813	2.773	7.1	18.9
10 18	1 59.65	− 1 56.4	1.772	2.751	4.8	18.8
10 28	1 50.03	− 1 51.2	1.760	2.729	5.7	18.8
11 7	1 40.74	− 1 31.6	1.775	2.708	8.7	18.9
11 17	1 32.75	− 0 56.1	1.816	2.687	12.2	19.1
11 27	1 26.85	− 0 4.8	1.881	2.667	15.3	19.2

125226 2001 UN_{158} 10 23.9 338°.87 2°.2/22.5 18

9 18	2 16.28	+ 9 9.1	1.224	2.097	17.9	19.5
9 28	2 13.31	+ 8 39.9	1.152	2.085	13.6	19.2
10 8	2 7.40	+ 7 59.3	1.100	2.073	8.6	18.9
10 18	1 59.29	+ 7 12.6	1.071	2.063	3.5	18.6
10 28	1 50.28	+ 6 27.3	1.066	2.054	4.0	18.6
11 7	1 41.90	+ 5 51.9	1.085	2.046	9.3	18.8
11 17	1 35.47	+ 5 33.0	1.127	2.039	14.4	19.1
11 27	1 31.96	+ 5 34.5	1.188	2.033	18.8	19.4

364985 2008 HS_{67} 10 23.9 105°.39 1°.5/25.5 18

9 18	2 16.86	+19 36.1	2.290	3.097	12.9	22.0
9 28	2 12.30	+19 5.6	2.216	3.107	10.0	21.8
10 8	2 6.02	+18 21.3	2.165	3.117	6.7	21.7
10 18	1 58.60	+17 25.2	2.142	3.127	3.2	21.4
10 28	1 50.83	+16 21.4	2.147	3.137	1.8	21.4
11 7	1 43.54	+15 15.3	2.182	3.147	4.9	21.6
11 17	1 37.47	+14 12.5	2.245	3.156	8.3	21.8
11 27	1 33.17	+13 18.2	2.334	3.166	11.2	22.0

523629 2008 SP_{266} 10 23.9 6.°07 0.°5/17.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	1 56.91	− 7 8.9	35.247	36.086	0.9	21.6
9 28	1 56.19	− 7 15.8	35.184	36.086	0.7	21.5
10 8	1 55.39	− 7 22.2	35.147	36.087	0.5	21.5
10 18	1 54.54	− 7 28.0	35.138	36.087	0.5	21.5
10 28	1 53.67	− 7 32.9	35.159	36.088	0.6	21.5
11 7	1 52.82	− 7 36.8	35.207	36.088	0.7	21.5
11 17	1 52.01	− 7 39.4	35.283	36.089	0.9	21.6
11 27	1 51.29	− 7 40.8	35.384	36.089	1.1	21.6

343746 2011 FK_{31} 10 23.9 128.°96 0.°5/23.5 18

9 18	2 23.27	+11 26.4	1.762	2.597	15.0	21.1
9 28	2 17.58	+11 16.1	1.694	2.605	11.4	20.9
10 8	2 9.58	+10 56.8	1.648	2.612	7.2	20.7
10 18	1 59.98	+10 31.0	1.628	2.620	2.7	20.4
10 28	1 49.86	+10 3.1	1.636	2.627	2.2	20.4
11 7	1 40.39	+ 9 38.0	1.673	2.633	6.7	20.7
11 17	1 32.55	+ 9 20.4	1.737	2.640	10.8	21.0
11 27	1 27.06	+ 9 14.0	1.824	2.646	14.3	21.2

480380 2015 KP_{40} 10 23.9 78.°84 0.°8/24.6 16

9 18	2 19.01	+17 40.6	1.645	2.475	16.1	21.9
9 28	2 14.45	+16 56.1	1.583	2.489	12.4	21.7
10 8	2 7.59	+15 54.5	1.543	2.503	8.0	21.5
10 18	1 59.21	+14 39.6	1.528	2.518	3.3	21.3
10 28	1 50.43	+13 18.1	1.541	2.532	1.9	21.2
11 7	1 42.38	+11 58.2	1.581	2.546	6.4	21.5
11 17	1 36.03	+10 47.7	1.648	2.560	10.7	21.8
11 27	1 32.02	+ 9 52.5	1.739	2.574	14.3	22.1

151266 2002 AZ_{119} 10 23.9 312.°83 6.°3/18.2 18

9 18	2 16.33	− 3 25.4	1.918	2.776	13.0	20.2
9 28	2 12.21	− 4 33.9	1.850	2.768	10.2	20.0
10 8	2 6.12	− 5 41.0	1.805	2.760	7.5	19.8
10 18	1 58.68	− 6 39.6	1.786	2.753	6.3	19.7
10 28	1 50.76	− 7 22.8	1.795	2.745	7.5	19.8
11 7	1 43.29	− 7 45.9	1.829	2.738	10.1	19.9
11 17	1 37.14	− 7 46.5	1.887	2.731	13.0	20.1
11 27	1 32.93	− 7 24.9	1.966	2.724	15.7	20.3

224619 2005 YY_{86} 10 23.9 132.°45 0.°9/22.9 18

9 18	2 16.99	+10 28.3	2.525	3.355	11.2	21.3
9 28	2 12.19	+ 9 57.8	2.453	3.363	8.4	21.2
10 8	2 5.87	+ 9 20.7	2.406	3.371	5.2	21.0
10 18	1 58.53	+ 8 39.8	2.387	3.379	2.0	20.8
10 28	1 50.88	+ 7 59.0	2.398	3.386	2.0	20.8
11 7	1 43.64	+ 7 22.3	2.439	3.394	5.3	21.0
11 17	1 37.46	+ 6 53.1	2.507	3.401	8.3	21.2
11 27	1 32.85	+ 6 34.3	2.601	3.407	11.0	21.4

307270 2002 NQ_{63} 10 23.9 44.°73 1.°4/22.9 18

9 18	2 19.53	+10 15.3	1.513	2.366	16.1	20.6
9 28	2 14.95	+ 9 49.2	1.458	2.379	12.1	20.4
10 8	2 7.96	+ 9 13.7	1.424	2.393	7.6	20.2
10 18	1 59.37	+ 8 33.0	1.415	2.407	2.8	20.0
10 28	1 50.34	+ 7 53.1	1.433	2.422	2.9	20.0
11 7	1 42.08	+ 7 20.2	1.478	2.437	7.5	20.3
11 17	1 35.60	+ 6 59.2	1.547	2.453	11.7	20.6
11 27	1 31.57	+ 6 53.3	1.639	2.468	15.3	20.9

319213 2005 YA_{227} 10 23.9 120.°12 4.°1/20.0 18

9 18	2 18.26	− 0 6.9	2.347	3.191	11.4	20.6
9 28	2 13.19	− 0 47.6	2.285	3.200	8.7	20.4
10 8	2 6.51	− 1 28.0	2.248	3.208	5.9	20.3
10 18	1 58.78	− 2 3.6	2.238	3.216	4.1	20.2
10 28	1 50.74	− 2 29.9	2.258	3.224	5.0	20.2
11 7	1 43.18	− 2 43.7	2.306	3.231	7.5	20.4
11 17	1 36.76	− 2 43.1	2.381	3.239	10.1	20.6
11 27	1 32.02	− 2 27.5	2.479	3.246	12.6	20.8

234736 2002 LW_{41} 10 23.9 47.°64 2.°8/21.7 18

9 18	2 18.22	+ 9 0.5	1.403	2.264	16.7	19.5
9 28	2 13.92	+ 7 52.3	1.361	2.288	12.4	19.3
10 8	2 7.23	+ 6 35.0	1.342	2.313	7.7	19.1
10 18	1 59.06	+ 5 15.9	1.347	2.338	3.4	18.9
10 28	1 50.60	+ 4 3.8	1.379	2.363	4.3	19.0
11 7	1 43.07	+ 3 6.3	1.437	2.389	8.5	19.4
11 17	1 37.38	+ 2 28.4	1.519	2.415	12.6	19.7
11 27	1 34.13	+ 2 12.1	1.623	2.441	15.9	20.0

220659 2004 RN_{154} 10 23.9 6.°82 6.°5/29.3 18

9 18	2 20.20	+29 48.4	1.951	2.716	16.3	19.9
9 28	2 15.56	+30 31.8	1.870	2.717	13.6	19.7
10 8	2 8.49	+30 55.8	1.808	2.717	10.7	19.5
10 18	1 59.66	+30 57.5	1.770	2.719	8.0	19.4
10 28	1 50.09	+30 36.8	1.758	2.720	6.5	19.3
11 7	1 41.00	+29 57.3	1.773	2.722	7.4	19.4
11 17	1 33.47	+29 5.2	1.813	2.724	9.9	19.5
11 27	1 28.33	+28 8.8	1.878	2.727	12.8	19.7

71186 1999 XX_{222} 10 23.9 259.°76 4.°3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.19	+25 59.1	2.382	3.154	13.5	19.5
9 28	2 14.31	+26 19.9	2.290	3.149	11.0	19.3
10 8	2 7.47	+26 25.6	2.220	3.144	8.3	19.1
10 18	1 59.23	+26 15.2	2.175	3.138	5.6	18.9
10 28	1 50.40	+25 49.5	2.158	3.133	4.3	18.8
11 7	1 41.91	+25 11.9	2.170	3.127	5.6	18.9
11 17	1 34.63	+24 27.4	2.210	3.122	8.3	19.1
11 27	1 29.24	+23 41.8	2.275	3.116	11.1	19.2

516542 2006 SF_{312} 10 23.9 274.°19 0.°7/24.6 18

9 18	2 17.24	+16 35.2	1.966	2.791	14.0	21.5
9 28	2 13.00	+16 7.0	1.880	2.784	10.8	21.3
10 8	2 6.71	+15 24.9	1.817	2.777	7.1	21.0
10 18	1 58.95	+14 31.2	1.780	2.769	3.0	20.8
10 28	1 50.61	+13 30.4	1.771	2.762	1.7	20.7
11 7	1 42.71	+12 28.7	1.790	2.755	5.9	20.9
11 17	1 36.15	+11 32.5	1.837	2.747	9.8	21.2
11 27	1 31.61	+10 47.2	1.908	2.740	13.3	21.4

359536 2010 RK_{125} 10 23.9 30.°73 0.°3/23.7 18

9 18	2 19.54	+11 50.9	1.823	2.662	14.4	20.7
9 28	2 14.75	+11 45.6	1.754	2.666	11.0	20.5
10 8	2 7.79	+11 31.6	1.706	2.671	7.0	20.3
10 18	1 59.34	+11 11.0	1.685	2.676	2.6	20.0
10 28	1 50.37	+10 47.9	1.691	2.682	2.0	20.0
11 7	1 41.97	+10 26.7	1.725	2.688	6.3	20.3
11 17	1 35.05	+10 11.9	1.786	2.694	10.3	20.6
11 27	1 30.31	+10 7.1	1.871	2.700	13.7	20.8

24266 1999 XE_{144} 10 23.9 5.°48 2.°5/22.1 18

9 18	2 16.59	+ 8 41.9	1.412	2.277	16.4	17.7
9 28	2 13.03	+ 7 59.7	1.349	2.277	12.4	17.5
10 8	2 6.93	+ 7 7.8	1.306	2.278	7.8	17.2
10 18	1 59.06	+ 6 11.7	1.288	2.279	3.3	17.0
10 28	1 50.59	+ 5 19.1	1.295	2.281	4.0	17.0
11 7	1 42.79	+ 4 37.4	1.328	2.284	8.5	17.3
11 17	1 36.75	+ 4 12.0	1.385	2.288	13.0	17.6
11 27	1 33.24	+ 4 6.2	1.463	2.292	16.8	17.8

261987 2006 QR_{29} 10 23.9 21.°91 1.°7/24.7 18

9 18	2 19.77	+14 51.0	0.933	1.808	22.0	18.8
9 28	2 16.45	+15 15.8	0.888	1.818	17.0	18.5
10 8	2 9.53	+15 23.4	0.860	1.829	11.1	18.3
10 18	2 0.10	+15 14.9	0.852	1.843	4.8	18.0
10 28	1 49.93	+14 55.3	0.866	1.858	2.8	17.9
11 7	1 40.95	+14 32.5	0.903	1.874	8.6	18.3
11 17	1 34.63	+14 14.6	0.961	1.892	14.2	18.7
11 27	1 31.84	+14 8.3	1.039	1.911	18.8	19.1

355523 2008 AZ_{53} 10 23.9 335.°06 1.°0/24.7 15

9 18	2 18.00	+16 6.8	1.741	2.574	15.3	21.6
9 28	2 13.83	+15 56.3	1.662	2.569	11.8	21.4
10 8	2 7.36	+15 32.2	1.604	2.565	7.8	21.1
10 18	1 59.24	+14 56.3	1.571	2.560	3.3	20.8
10 28	1 50.47	+14 12.7	1.565	2.556	1.9	20.7
11 7	1 42.20	+13 27.3	1.587	2.553	6.3	21.0
11 17	1 35.44	+12 46.5	1.635	2.550	10.5	21.3
11 27	1 30.97	+12 15.8	1.706	2.547	14.2	21.5

437249 2012 XV_{51} 10 23.9 40.°02 8.°9/20.0 18

9 18	2 27.51	− 9 31.3	1.368	2.221	17.5	19.2
9 28	2 20.99	− 9 51.3	1.326	2.236	14.0	19.1
10 8	2 11.74	− 9 58.7	1.306	2.252	10.8	18.9
10 18	2 0.78	− 9 46.5	1.308	2.268	8.9	18.9
10 28	1 49.52	− 9 10.0	1.337	2.285	9.7	19.0
11 7	1 39.36	− 8 8.8	1.390	2.302	12.4	19.2
11 17	1 31.41	− 6 46.0	1.466	2.320	15.5	19.4
11 27	1 26.30	− 5 6.2	1.563	2.339	18.4	19.7

70855 1999 VS_{117} 10 23.9 86.°96 0.°0/23.9 18

9 18	2 20.92	+13 17.1	1.737	2.573	15.2	20.4
9 28	2 15.88	+13 3.6	1.669	2.579	11.6	20.2
10 8	2 8.55	+12 39.1	1.623	2.586	7.4	19.9
10 18	1 59.65	+12 6.2	1.602	2.593	2.8	19.7
10 28	1 50.23	+11 29.4	1.609	2.600	1.9	19.6
11 7	1 41.43	+10 54.2	1.644	2.607	6.5	20.0
11 17	1 34.24	+10 26.0	1.706	2.614	10.6	20.2
11 27	1 29.36	+10 9.0	1.791	2.621	14.2	20.5

507981 2015 BM_{114} 10 23.9 304.°98 2.°5/22.2 17

9 18	2 18.45	+10 14.3	1.230	2.098	18.2	21.3
9 28	2 14.99	+ 9 21.1	1.157	2.086	13.8	21.0
10 8	2 8.52	+ 8 12.9	1.103	2.075	8.8	20.7
10 18	1 59.77	+ 6 55.8	1.072	2.064	3.6	20.4
10 28	1 50.10	+ 5 39.4	1.066	2.054	4.3	20.4
11 7	1 41.07	+ 4 34.4	1.085	2.043	9.7	20.7
11 17	1 34.05	+ 3 49.1	1.127	2.034	15.0	20.9
11 27	1 30.03	+ 3 28.5	1.188	2.024	19.5	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
516038 2015 TK_{62}			10 23.9	140°.26	0°.0/23.9	18
	h m	° ′			°	m
9 18	2 20.25	+12 19.4	2.307	3.130	12.3	21.5
9 28	2 14.87	+12 17.2	2.230	3.134	9.4	21.3
10 8	2 7.70	+12 7.6	2.177	3.138	6.0	21.1
10 18	1 59.30	+11 52.3	2.151	3.142	2.3	20.9
10 28	1 50.47	+11 34.0	2.155	3.146	1.6	20.9
11 7	1 42.07	+11 16.4	2.189	3.150	5.3	21.1
11 17	1 34.86	+11 3.0	2.251	3.153	8.7	21.3
11 27	1 29.47	+10 56.9	2.338	3.157	11.6	21.6
45563 2000 CS_{56}			10 23.9	67°.52	0°.1/23.7	18
9 18	2 16.73	+13 22.4	2.215	3.044	12.5	18.7
9 28	2 12.22	+12 56.1	2.148	3.057	9.5	18.5
10 8	2 5.99	+12 20.6	2.106	3.069	6.0	18.3
10 18	1 58.64	+11 38.6	2.089	3.081	2.2	18.1
10 28	1 50.95	+10 54.2	2.102	3.093	1.6	18.1
11 7	1 43.75	+10 12.1	2.144	3.105	5.4	18.4
11 17	1 37.76	+ 9 36.7	2.214	3.118	8.7	18.6
11 27	1 33.53	+ 9 11.4	2.309	3.130	11.7	18.8
374753 2006 SW_{226}			10 23.9	292°.48	1°.6/25.0	18
9 18	2 18.83	+18 26.3	1.416	2.254	17.9	21.1
9 28	2 15.08	+18 2.1	1.334	2.243	14.0	20.8
10 8	2 8.48	+17 17.6	1.271	2.232	9.4	20.5
10 18	1 59.75	+16 14.5	1.232	2.221	4.2	20.2
10 28	1 50.12	+14 58.4	1.218	2.210	2.3	20.0
11 7	1 41.05	+13 38.6	1.231	2.199	7.4	20.3
11 17	1 33.84	+12 24.9	1.269	2.188	12.5	20.6
11 27	1 29.44	+11 26.1	1.328	2.178	16.9	20.8
228121 2008 TN_{175}			10 23.9	327°.12	0°.5/24.7	18
9 18	2 9.59	+16 7.3	4.191	4.997	7.5	21.1
9 28	2 6.21	+15 44.8	4.102	4.996	5.7	21.0
10 8	2 1.94	+15 16.1	4.038	4.994	3.7	20.9
10 18	1 57.10	+14 42.4	4.003	4.992	1.6	20.7
10 28	1 52.04	+14 5.8	3.999	4.990	0.9	20.6
11 7	1 47.17	+13 28.7	4.025	4.988	3.0	20.8
11 17	1 42.86	+12 53.3	4.081	4.986	5.1	21.0
11 27	1 39.43	+12 22.2	4.165	4.985	6.9	21.1
53206 1999 CK_{74}			10 23.9	296°.36	2°.0/25.6	18 R
9 18	2 18.21	+19 3.1	1.881	2.699	14.9	19.3
9 28	2 13.94	+18 56.4	1.793	2.690	11.7	19.0
10 8	2 7.43	+18 34.6	1.728	2.681	8.0	18.8
10 18	1 59.29	+17 58.5	1.687	2.672	4.0	18.5
10 28	1 50.49	+17 11.6	1.673	2.663	2.3	18.4
11 7	1 42.10	+16 19.4	1.688	2.655	5.9	18.6
11 17	1 35.14	+15 28.4	1.730	2.646	10.0	18.8
11 27	1 30.37	+14 44.9	1.796	2.638	13.6	19.1
50028 2000 AN_{44}			10 23.9	73°.75	0°.6/24.4	18
9 18	2 21.20	+15 17.1	1.751	2.580	15.3	20.1
9 28	2 15.94	+15 0.8	1.694	2.600	11.7	19.9
10 8	2 8.48	+14 32.0	1.659	2.620	7.5	19.7
10 18	1 59.60	+13 53.3	1.650	2.640	3.0	19.5
10 28	1 50.35	+13 9.4	1.669	2.660	1.8	19.5
11 7	1 41.84	+12 26.0	1.716	2.680	6.1	19.8
11 17	1 34.97	+11 48.9	1.790	2.700	10.1	20.1
11 27	1 30.37	+11 22.5	1.887	2.720	13.4	20.3
518813 2010 CH_{48}			10 23.9	258°.33	1°.9/22.8	18
9 18	2 26.09	+ 5 57.1	1.843	2.679	14.4	21.2
9 28	2 19.82	+ 6 8.3	1.760	2.672	11.0	20.9
10 8	2 11.14	+ 6 16.9	1.700	2.665	7.0	20.7
10 18	2 0.69	+ 6 25.1	1.667	2.657	2.9	20.4
10 28	1 49.52	+ 6 36.0	1.663	2.650	3.1	20.4
11 7	1 38.83	+ 6 52.4	1.688	2.642	7.2	20.7
11 17	1 29.68	+ 7 16.8	1.740	2.635	11.3	20.9
11 27	1 22.89	+ 7 50.8	1.816	2.627	14.8	21.1
150299 1999 TU_{214}			10 23.9	62°.64	1°.8/22.0	18
9 18	2 15.25	+ 9 52.2	2.145	2.987	12.4	19.6
9 28	2 11.20	+ 8 53.1	2.071	2.988	9.3	19.4
10 8	2 5.42	+ 7 45.5	2.022	2.990	5.8	19.2
10 18	1 58.46	+ 6 33.6	2.000	2.991	2.4	19.0
10 28	1 51.11	+ 5 23.6	2.008	2.993	3.0	19.0
11 7	1 44.21	+ 4 21.2	2.044	2.995	6.5	19.2
11 17	1 38.49	+ 3 31.4	2.107	2.996	9.9	19.4
11 27	1 34.52	+ 2 57.5	2.194	2.998	12.8	19.6
281987 2011 HV_{21}			10 23.9	53°.53	3°.3/21.6	18
9 18	2 20.20	+ 7 4.7	1.377	2.240	16.9	20.3
9 28	2 15.48	+ 6 9.0	1.335	2.262	12.6	20.1
10 8	2 8.29	+ 5 6.3	1.314	2.284	7.9	19.9
10 18	1 59.52	+ 4 3.6	1.317	2.307	3.8	19.8
10 28	1 50.44	+ 3 8.8	1.347	2.330	4.7	19.9
11 7	1 42.31	+ 2 28.9	1.403	2.353	8.9	20.2
11 17	1 36.11	+ 2 7.9	1.483	2.377	12.9	20.5
11 27	1 32.45	+ 2 7.1	1.584	2.400	16.3	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
360311 2001 SF_{39}			10 23.9	63°.41	0°.4/23.7	17
	h m	° ′			°	m
9 18	2 27.41	+11 42.1	1.114	1.971	20.4	19.8
9 28	2 21.53	+11 41.4	1.071	1.993	15.5	19.6
10 8	2 12.38	+11 28.3	1.047	2.015	9.7	19.4
10 18	2 1.11	+11 6.0	1.046	2.038	3.6	19.1
10 28	1 49.38	+10 40.5	1.070	2.061	2.7	19.1
11 7	1 38.94	+10 18.9	1.119	2.084	8.5	19.5
11 17	1 31.09	+10 7.1	1.191	2.107	13.6	19.9
11 27	1 26.57	+10 9.2	1.285	2.129	17.7	20.2
422860 2002 OT_{33}			10 23.9	90°.54	3°.3/26.5	16
9 18	2 23.06	+22 44.3	1.508	2.320	18.2	21.5
9 28	2 17.81	+22 30.1	1.448	2.338	14.4	21.3
10 8	2 9.89	+21 54.2	1.408	2.356	10.0	21.1
10 18	2 0.17	+20 57.6	1.392	2.373	5.5	20.8
10 28	1 49.98	+19 45.6	1.403	2.390	3.4	20.8
11 7	1 40.69	+18 26.4	1.440	2.407	6.7	21.0
11 17	1 33.41	+17 9.7	1.504	2.424	10.9	21.3
11 27	1 28.85	+16 3.7	1.592	2.440	14.7	21.6
266526 2008 FX_{20}			10 23.9	53°.65	5°.4/20.1	18
9 18	2 19.57	+ 3 0.3	1.309	2.180	17.1	19.7
9 28	2 15.24	+ 1 45.5	1.261	2.191	12.9	19.5
10 8	2 8.27	+ 0 26.8	1.235	2.204	8.5	19.3
10 18	1 59.56	− 0 46.6	1.233	2.216	5.6	19.1
10 28	1 50.42	− 1 45.5	1.256	2.229	6.9	19.2
11 7	1 42.17	− 2 22.5	1.304	2.242	10.7	19.5
11 17	1 35.89	− 2 34.4	1.375	2.255	14.7	19.8
11 27	1 32.27	− 2 21.4	1.466	2.269	18.1	20.0
108285 2001 HM_{61}			10 23.9	124°.92	0°.3/24.1	18
9 18	2 22.86	+15 12.6	1.764	2.589	15.4	20.7
9 28	2 17.24	+14 41.7	1.699	2.604	11.7	20.5
10 8	2 9.35	+13 57.5	1.657	2.618	7.5	20.3
10 18	1 59.96	+13 3.0	1.641	2.631	2.9	20.1
10 28	1 50.14	+12 3.6	1.653	2.644	1.8	20.0
11 7	1 41.03	+11 6.1	1.694	2.657	6.4	20.4
11 17	1 33.59	+10 16.7	1.762	2.668	10.5	20.6
11 27	1 28.48	+ 9 40.3	1.854	2.679	13.9	20.9
310575 2001 SZ_{332}			10 23.9	334°.39	1°.0/23.1	18
9 18	2 16.31	+12 2.0	1.766	2.612	14.5	20.6
9 28	2 12.46	+11 23.5	1.689	2.607	11.0	20.4
10 8	2 6.45	+10 33.6	1.634	2.602	6.9	20.2
10 18	1 58.92	+ 9 36.1	1.605	2.597	2.6	19.9
10 28	1 50.82	+ 8 36.9	1.603	2.593	2.5	19.9
11 7	1 43.21	+ 7 42.7	1.629	2.589	6.9	20.1
11 17	1 37.03	+ 6 59.4	1.681	2.585	11.0	20.4
11 27	1 32.99	+ 6 31.5	1.755	2.582	14.5	20.6
162279 1999 VS_{57}			10 23.9	3°.35	0°.5/23.6	18
9 18	2 20.50	+11 31.2	1.625	2.469	15.6	19.8
9 28	2 15.79	+11 22.4	1.553	2.469	11.9	19.5
10 8	2 8.65	+11 3.9	1.502	2.469	7.6	19.3
10 18	1 59.77	+10 38.3	1.477	2.469	2.8	19.0
10 28	1 50.25	+10 10.2	1.479	2.469	2.3	19.0
11 7	1 41.32	+ 9 45.1	1.508	2.470	7.0	19.3
11 17	1 34.05	+ 9 28.0	1.563	2.471	11.4	19.5
11 27	1 29.21	+ 9 22.9	1.640	2.472	15.1	19.8
431301 2006 VX_{1}			10 23.9	359°.04	20°.1/22.1	18
9 18	2 35.89	−28 42.8	0.919	1.750	25.8	19.7
9 28	2 28.92	−28 49.2	0.877	1.743	23.5	19.5
10 8	2 17.48	−28 11.4	0.847	1.739	21.4	19.4
10 18	2 3.09	−26 34.9	0.834	1.737	20.2	19.3
10 28	1 48.13	−23 53.6	0.839	1.737	20.3	19.3
11 7	1 35.03	−20 15.4	0.865	1.740	21.8	19.4
11 17	1 25.48	−15 58.0	0.910	1.745	24.2	19.6
11 27	1 20.28	−11 21.4	0.973	1.753	26.8	19.9
3950 Yoshida			10 23.9	208°.80	3°.4/27.5	18
9 18	2 17.57	+24 53.7	2.365	3.146	13.3	17.0
9 28	2 13.02	+24 46.1	2.276	3.144	10.7	16.8
10 8	2 6.64	+24 22.3	2.209	3.142	7.8	16.7
10 18	1 58.97	+23 42.6	2.168	3.140	4.9	16.5
10 28	1 50.83	+22 49.2	2.155	3.137	3.4	16.4
11 7	1 43.08	+21 46.9	2.172	3.134	5.2	16.5
11 17	1 36.52	+20 41.4	2.216	3.132	8.1	16.7
11 27	1 31.79	+19 39.0	2.287	3.129	11.1	16.9
358729 2008 CE_{20}			10 23.9	283°.08	0°.8/23.3	18
9 18	2 18.96	+11 4.8	1.962	2.799	13.6	20.9
9 28	2 14.42	+10 45.4	1.869	2.782	10.4	20.6
10 8	2 7.73	+10 17.1	1.798	2.764	6.6	20.4
10 18	1 59.45	+ 9 42.4	1.754	2.746	2.5	20.1
10 28	1 50.48	+ 9 5.7	1.738	2.728	2.3	20.0
11 7	1 41.83	+ 8 32.1	1.751	2.710	6.5	20.3
11 17	1 34.48	+ 8 6.5	1.790	2.692	10.6	20.5
11 27	1 29.19	+ 7 52.9	1.853	2.674	14.1	20.7

19167 1991 ED_2 10 23.9 251°.90 2°.5/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 20.18	+ 9 12.4	1.526	2.379	16.0	17.8
9 28	2 15.77	+ 8 17.9	1.448	2.370	12.1	17.5
10 8	2 8.76	+ 7 11.8	1.392	2.361	7.7	17.2
10 18	1 59.87	+ 5 59.7	1.360	2.351	3.3	16.9
10 28	1 50.22	+ 4 49.5	1.356	2.341	4.1	17.0
11 7	1 41.12	+ 3 49.7	1.378	2.331	8.7	17.2
11 17	1 33.73	+ 3 7.1	1.425	2.321	13.2	17.5
11 27	1 28.89	+ 2 45.7	1.494	2.310	17.2	17.7

269581 2009 WN_{217} 10 23.9 316°.53 1°.6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.64	+ 9 56.6	2.039	2.884	12.8	20.7
9 28	2 10.97	+ 9 11.6	1.953	2.871	9.7	20.5
10 8	2 5.43	+ 8 17.5	1.891	2.859	6.1	20.2
10 18	1 58.55	+ 7 18.3	1.855	2.846	2.4	20.0
10 28	1 51.14	+ 6 19.4	1.847	2.834	2.9	20.0
11 7	1 44.09	+ 5 26.9	1.868	2.822	6.7	20.2
11 17	1 38.23	+ 4 45.8	1.915	2.811	10.3	20.4
11 27	1 34.21	+ 4 19.7	1.986	2.800	13.6	20.6

168664 2000 EC_{110} 10 23.9 244°.89 1°.2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.79	+16 16.8	2.293	3.102	12.8	21.1
9 28	2 16.33	+16 18.8	2.193	3.086	10.0	20.9
10 8	2 8.84	+16 10.6	2.115	3.070	6.7	20.7
10 18	1 59.86	+15 52.7	2.065	3.053	3.0	20.4
10 28	1 50.21	+15 27.5	2.045	3.035	1.7	20.3
11 7	1 40.82	+14 58.8	2.054	3.017	5.4	20.5
11 17	1 32.61	+14 31.0	2.092	2.999	9.0	20.7
11 27	1 26.30	+14 8.7	2.155	2.980	12.3	20.9

18541 1996 YA_1 10 23.9 322°.23 1°.7/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.59	+ 8 40.8	2.036	2.879	13.0	19.0
9 28	2 13.11	+ 8 8.2	1.961	2.878	9.8	18.8
10 8	2 6.71	+ 7 28.6	1.910	2.877	6.1	18.6
10 18	1 59.01	+ 6 45.8	1.885	2.876	2.5	18.3
10 28	1 50.84	+ 6 4.7	1.888	2.875	2.9	18.4
11 7	1 43.12	+ 5 30.3	1.920	2.873	6.6	18.6
11 17	1 36.68	+ 5 6.5	1.979	2.873	10.2	18.8
11 27	1 32.13	+ 4 56.4	2.061	2.872	13.3	19.0

208818 2002 RF_{16} 10 23.9 37°.24 4°.6/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.98	+ 4 21.9	1.631	2.494	14.6	19.5
9 28	2 12.18	+ 2 55.3	1.573	2.500	11.0	19.3
10 8	2 6.22	+ 1 22.9	1.538	2.506	7.2	19.1
10 18	1 58.83	− 0 7.3	1.529	2.512	4.7	18.9
10 28	1 51.00	− 1 26.5	1.547	2.519	6.0	19.0
11 7	1 43.81	− 2 27.2	1.591	2.526	9.4	19.2
11 17	1 38.14	− 3 5.1	1.660	2.533	13.0	19.5
11 27	1 34.65	− 3 18.8	1.750	2.540	16.1	19.7

236621 2006 KX_1 10 23.9 179°.37 1°.0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.99	+17 4.0	2.102	2.917	13.6	20.8
9 28	2 14.93	+16 40.4	2.021	2.918	10.5	20.6
10 8	2 7.88	+16 3.8	1.962	2.919	6.9	20.4
10 18	1 59.46	+15 16.2	1.931	2.919	3.0	20.2
10 28	1 50.55	+14 21.5	1.928	2.919	1.7	20.1
11 7	1 42.11	+13 25.3	1.954	2.918	5.5	20.3
11 17	1 34.99	+12 33.3	2.009	2.917	9.3	20.6
11 27	1 29.87	+11 50.7	2.089	2.916	12.5	20.8

225772 2001 TL_6 10 23.9 165°.09 2°.7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.62	+ 7 21.8	1.667	2.517	15.0	20.3
9 28	2 15.76	+ 6 37.9	1.598	2.519	11.3	20.1
10 8	2 8.56	+ 5 46.6	1.552	2.520	7.2	19.9
10 18	1 59.74	+ 4 52.9	1.531	2.521	3.3	19.7
10 28	1 50.38	+ 4 3.5	1.538	2.522	4.0	19.7
11 7	1 41.63	+ 3 24.7	1.572	2.523	8.1	20.0
11 17	1 34.48	+ 3 1.2	1.632	2.523	12.1	20.2
11 27	1 29.68	+ 2 55.5	1.714	2.524	15.6	20.4

18685 1998 FL_{117} 10 23.9 202°.40 0°.8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.24	+18 33.3	1.951	2.769	14.4	18.6
9 28	2 13.77	+17 40.5	1.867	2.766	11.2	18.4
10 8	2 7.23	+16 30.4	1.806	2.764	7.3	18.1
10 18	1 59.24	+15 6.3	1.772	2.761	3.1	17.9
10 28	1 50.74	+13 33.9	1.766	2.757	1.7	17.8
11 7	1 42.75	+12 1.0	1.790	2.754	5.9	18.0
11 17	1 36.16	+10 35.6	1.841	2.750	9.9	18.3
11 27	1 31.63	+ 9 24.2	1.917	2.746	13.4	18.5

372262 2008 UK_{245} 10 23.9 45°.11 0°.6/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.15	+14 40.1	2.436	3.256	11.8	21.3
9 28	2 12.52	+14 34.5	2.358	3.259	9.1	21.1
10 8	2 6.24	+14 20.1	2.304	3.263	5.9	20.9
10 18	1 58.83	+13 58.5	2.276	3.266	2.4	20.7
10 28	1 51.03	+13 32.6	2.278	3.270	1.4	20.7
11 7	1 43.61	+13 5.9	2.310	3.273	4.8	20.9
11 17	1 37.27	+12 42.3	2.370	3.277	8.1	21.1
11 27	1 32.59	+12 25.1	2.455	3.281	10.9	21.3

513760 2012 WW_{29} 10 23.9 287°.01 17°.0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 31.24	−37 39.6	1.873	2.608	17.8	21.0
9 28	2 23.89	−38 56.0	1.832	2.592	17.2	20.9
10 8	2 13.71	−39 42.8	1.809	2.576	17.0	20.8
10 18	2 1.65	−39 50.5	1.803	2.560	17.3	20.8
10 28	1 49.15	−39 13.2	1.815	2.544	18.1	20.9
11 7	1 37.66	−37 50.9	1.844	2.528	19.1	20.9
11 17	1 28.36	−35 48.3	1.890	2.512	20.3	21.0
11 27	1 21.97	−33 13.4	1.950	2.497	21.5	21.1

398016 2009 DR_9 10 23.9 280°.28 4°.2/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.43	+ 3 25.8	1.839	2.693	13.7	21.2
9 28	2 14.10	+ 2 29.4	1.752	2.673	10.4	20.9
10 8	2 7.57	+ 1 27.7	1.687	2.653	6.9	20.7
10 18	1 59.43	+ 0 26.6	1.649	2.633	4.3	20.5
10 28	1 50.58	− 0 26.9	1.639	2.613	5.4	20.5
11 7	1 42.10	− 1 6.4	1.655	2.592	8.9	20.7
11 17	1 34.96	− 1 27.5	1.697	2.572	12.7	20.9
11 27	1 29.94	− 1 27.8	1.761	2.551	16.0	21.0

7433 Pellegrini 10 23.9 190°.37 1°.4/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.86	+12 12.9	1.975	2.807	13.7	19.0
9 28	2 14.90	+11 7.2	1.895	2.806	10.4	18.8
10 8	2 7.89	+ 9 49.2	1.839	2.805	6.5	18.6
10 18	1 59.49	+ 8 23.6	1.811	2.803	2.5	18.3
10 28	1 50.59	+ 6 57.2	1.812	2.800	2.7	18.3
11 7	1 42.20	+ 5 37.5	1.843	2.796	6.8	18.6
11 17	1 35.18	+ 4 30.8	1.901	2.792	10.7	18.8
11 27	1 30.21	+ 3 41.7	1.982	2.787	14.0	19.0

119268 2001 RC_{67} 10 23.9 61°.49 0°.7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.39	+17 31.1	1.414	2.253	17.8	19.3
9 28	2 15.10	+16 45.7	1.357	2.269	13.6	19.1
10 8	2 8.21	+15 41.4	1.321	2.284	8.8	18.9
10 18	1 59.61	+14 22.5	1.309	2.300	3.6	18.6
10 28	1 50.56	+12 56.8	1.324	2.316	2.0	18.6
11 7	1 42.38	+11 33.8	1.366	2.332	7.1	18.9
11 17	1 36.11	+10 22.4	1.432	2.348	11.7	19.2
11 27	1 32.46	+ 9 28.8	1.522	2.364	15.6	19.5

89856 2002 CE_{93} 10 23.9 22°.15 0°.7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.35	+15 29.9	1.805	2.639	14.8	19.5
9 28	2 13.19	+15 14.8	1.734	2.643	11.3	19.3
10 8	2 6.90	+14 47.2	1.686	2.648	7.4	19.1
10 18	1 59.13	+14 9.2	1.662	2.653	3.0	18.8
10 28	1 50.85	+13 25.2	1.667	2.658	1.7	18.7
11 7	1 43.13	+12 41.0	1.698	2.664	6.0	19.0
11 17	1 36.87	+12 2.4	1.757	2.670	10.0	19.3
11 27	1 32.75	+11 34.0	1.839	2.677	13.5	19.5

159959 2006 AZ_{10} 10 23.9 240°.25 5°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.74	− 3 50.0	2.474	3.318	10.9	20.4
9 28	2 12.90	− 4 36.2	2.400	3.310	8.5	20.2
10 8	2 6.46	− 5 20.3	2.350	3.302	6.3	20.0
10 18	1 58.92	− 5 57.4	2.327	3.293	5.1	19.9
10 28	1 50.99	− 6 23.0	2.334	3.285	5.9	20.0
11 7	1 43.42	− 6 33.6	2.368	3.276	8.2	20.1
11 17	1 36.88	− 6 27.6	2.428	3.267	10.7	20.3
11 27	1 31.94	− 6 4.9	2.511	3.258	13.0	20.4

140140 2001 ST_{154} 10 23.9 78°.21 1°.7/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.18	+17 5.6	1.927	2.743	14.7	19.7
9 28	2 16.67	+17 15.5	1.861	2.757	11.3	19.6
10 8	2 9.01	+17 13.2	1.817	2.771	7.6	19.4
10 18	1 59.90	+16 59.8	1.799	2.785	3.6	19.1
10 28	1 50.34	+16 37.8	1.809	2.799	2.1	19.1
11 7	1 41.38	+16 11.8	1.848	2.813	5.7	19.3
11 17	1 33.95	+15 46.6	1.915	2.827	9.4	19.6
11 27	1 28.70	+15 27.2	2.006	2.841	12.6	19.8

446224 2013 GT_{69} 10 23.9 301°.06 0°.8/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.37	+11 2.2	1.991	2.829	13.4	20.7
9 28	2 13.80	+10 40.0	1.913	2.827	10.2	20.5
10 8	2 7.22	+10 9.2	1.858	2.824	6.4	20.3
10 18	1 59.25	+ 9 32.9	1.830	2.821	2.4	20.0
10 28	1 50.76	+ 8 55.3	1.829	2.819	2.2	20.0
11 7	1 42.72	+ 8 21.6	1.857	2.817	6.3	20.3
11 17	1 36.00	+ 7 56.2	1.913	2.814	10.0	20.5
11 27	1 31.26	+ 7 42.6	1.992	2.812	13.3	20.7

471986 2013 UA_{10} 10 23.9 343°.26 9°.5/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.47	− 3 1.8	1.074	1.966	18.3	20.2
9 28	2 12.16	− 4 41.8	1.018	1.955	14.5	19.9
10 8	2 6.80	− 6 21.6	0.981	1.945	11.0	19.7
10 18	1 59.21	− 7 47.8	0.966	1.936	9.5	19.6
10 28	1 50.80	− 8 47.0	0.973	1.929	11.3	19.7
11 7	1 43.16	− 9 10.5	1.001	1.923	15.0	19.9
11 17	1 37.60	− 8 56.1	1.048	1.918	19.1	20.1
11 27	1 35.04	− 8 6.4	1.111	1.914	22.6	20.3

433992 2000 HD_{74} 10 23.9 21°.35 28°.4/27.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	5 46.49	−69 49.6	1.074	1.489	42.4	20.7
9 28	4 38.27	−70 35.3	1.091	1.559	39.7	20.7
10 8	3 23.28	−69 2.8	1.114	1.631	37.0	20.8
10 18	2 21.19	−64 59.1	1.151	1.704	34.4	20.9
10 28	1 39.68	−59 5.7	1.206	1.779	32.2	21.0
11 7	1 15.00	−52 17.6	1.284	1.854	30.5	21.2
11 17	1 1.61	−45 17.3	1.387	1.929	29.3	21.4
11 27	0 55.63	−38 31.8	1.512	2.004	28.4	21.7

284256 2006 GH_{22} 10 23.9 85°.41 2°.4/21.9 18

9 18	2 19.70	+ 8 2.9	1.752	2.600	14.5	21.3
9 28	2 14.81	+ 7 13.6	1.695	2.614	10.9	21.1
10 8	2 7.82	+ 6 16.9	1.661	2.629	6.8	20.9
10 18	1 59.45	+ 5 18.2	1.653	2.643	3.0	20.7
10 28	1 50.71	+ 4 24.0	1.673	2.657	3.7	20.8
11 7	1 42.65	+ 3 40.1	1.721	2.671	7.5	21.1
11 17	1 36.14	+ 3 11.0	1.795	2.685	11.2	21.3
11 27	1 31.80	+ 2 59.0	1.891	2.699	14.4	21.6

410153 2007 HR_{58} 10 23.9 14°.35 4°.0/21.4 18

9 18	2 20.90	+ 0 47.6	1.786	2.639	14.1	19.9
9 28	2 15.76	+ 0 39.8	1.723	2.643	10.7	19.7
10 8	2 8.47	+ 0 33.1	1.683	2.647	7.1	19.5
10 18	1 59.72	+ 0 31.3	1.668	2.652	4.3	19.3
10 28	1 50.50	+ 0 38.6	1.682	2.658	4.9	19.4
11 7	1 41.90	+ 0 57.9	1.722	2.665	8.2	19.6
11 17	1 34.81	+ 1 30.4	1.789	2.672	11.7	19.8
11 27	1 29.91	+ 2 16.1	1.878	2.680	14.7	20.0

232264 2002 QZ_{19} 10 23.9 151°.83 3°.3/27.7 18

9 18	2 17.56	+25 15.4	2.687	3.459	12.1	20.7
9 28	2 12.80	+25 15.2	2.602	3.463	9.8	20.5
10 8	2 6.42	+25 1.0	2.539	3.467	7.2	20.3
10 18	1 58.93	+24 32.7	2.502	3.470	4.6	20.2
10 28	1 51.03	+23 52.1	2.495	3.473	3.3	20.1
11 7	1 43.51	+23 3.1	2.516	3.477	4.7	20.2
11 17	1 37.04	+22 10.2	2.567	3.480	7.3	20.4
11 27	1 32.20	+21 18.6	2.644	3.482	9.8	20.6

338456 2003 FO_{8} 10 23.9 193°.47 13°.1/29.4 17

9 18	2 38.71	+33 22.1	1.265	2.022	23.8	20.6
9 28	2 32.01	+35 49.2	1.191	2.022	20.8	20.3
10 8	2 20.49	+37 54.6	1.135	2.021	17.5	20.1
10 18	2 4.80	+39 24.7	1.098	2.020	14.6	19.9
10 28	1 46.83	+40 8.8	1.084	2.018	13.1	19.9
11 7	1 29.34	+40 5.7	1.094	2.016	14.0	19.9
11 17	1 14.94	+39 24.8	1.126	2.014	16.6	20.1
11 27	1 5.37	+38 22.9	1.177	2.011	19.7	20.3

337999 2002 EO_{22} 10 23.9 307°.53 1°.7/22.9 18

9 18	2 21.38	+ 8 35.5	1.591	2.441	15.6	20.3
9 28	2 16.61	+ 8 22.6	1.515	2.434	11.9	20.1
10 8	2 9.30	+ 8 2.3	1.459	2.427	7.5	19.8
10 18	2 0.13	+ 7 38.2	1.429	2.421	3.0	19.5
10 28	1 50.22	+ 7 15.0	1.426	2.414	3.1	19.5
11 7	1 40.86	+ 6 58.2	1.450	2.408	7.7	19.8
11 17	1 33.15	+ 6 52.2	1.499	2.402	12.2	20.0
11 27	1 27.95	+ 7 0.3	1.571	2.396	16.0	20.2

449810 2014 OO_{337} 10 23.9 58°.39 2°.2/22.3 18

9 18	2 20.30	+ 6 22.1	1.964	2.807	13.4	20.5
9 28	2 15.03	+ 6 4.7	1.909	2.825	10.0	20.3
10 8	2 7.86	+ 5 43.4	1.877	2.843	6.3	20.1
10 18	1 59.46	+ 5 21.6	1.872	2.862	2.8	19.9
10 28	1 50.74	+ 5 3.4	1.896	2.881	3.2	20.0
11 7	1 42.66	+ 4 52.6	1.948	2.899	6.7	20.3
11 17	1 35.99	+ 4 52.1	2.027	2.918	10.1	20.5
11 27	1 31.30	+ 5 3.3	2.129	2.937	13.0	20.7

329468 2002 QM_{30} 10 23.9 357°.88 3°.5/20.9 17

9 18	2 15.57	+ 3 53.3	1.925	2.781	13.0	20.1
9 28	2 11.67	+ 3 11.1	1.856	2.779	9.8	19.9
10 8	2 5.87	+ 2 25.6	1.810	2.778	6.4	19.7
10 18	1 58.76	+ 1 41.5	1.791	2.777	3.7	19.5
10 28	1 51.19	+ 1 4.5	1.799	2.776	4.6	19.6
11 7	1 44.10	+ 0 39.6	1.834	2.776	7.8	19.8
11 17	1 38.29	+ 0 29.8	1.895	2.777	11.2	20.0
11 27	1 34.39	+ 0 36.7	1.979	2.778	14.2	20.2

181238 2005 TP_{176} 10 23.9 10°.46 1°.4/22.7 18

9 18	2 16.98	+10 9.0	1.924	2.769	13.6	20.4
9 28	2 12.77	+ 9 32.4	1.852	2.769	10.2	20.2
10 8	2 6.58	+ 8 47.1	1.802	2.770	6.4	20.0
10 18	1 59.03	+ 7 57.1	1.779	2.771	2.5	19.7
10 28	1 51.01	+ 7 7.6	1.784	2.772	2.7	19.8
11 7	1 43.48	+ 6 24.4	1.817	2.773	6.6	20.0
11 17	1 37.28	+ 5 52.1	1.876	2.775	10.4	20.2
11 27	1 33.06	+ 5 34.1	1.959	2.776	13.6	20.5

443201 2014 DF_{67} 10 23.9 176°.42 2°.9/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 19.94	+ 5 14.4	2.188	3.028	12.3	22.3
9 28	2 14.72	+ 4 29.9	2.115	3.030	9.3	22.2
10 8	2 7.69	+ 3 41.2	2.066	3.031	5.9	22.0
10 18	1 59.42	+ 2 52.4	2.045	3.032	3.1	21.8
10 28	1 50.74	+ 2 8.8	2.054	3.033	3.9	21.8
11 7	1 42.53	+ 1 35.0	2.091	3.033	7.0	22.0
11 17	1 35.54	+ 1 14.4	2.156	3.032	10.3	22.2
11 27	1 30.39	+ 1 9.0	2.244	3.031	13.1	22.4

178565 1999 VX_{176} 10 23.9 14°.99 3°.6/21.5 18

9 18	2 15.46	+ 8 53.5	1.082	1.963	19.0	19.3
9 28	2 12.77	+ 7 41.6	1.029	1.967	14.3	19.0
10 8	2 7.08	+ 6 16.1	0.996	1.971	9.0	18.8
10 18	1 59.29	+ 4 46.3	0.985	1.977	4.2	18.5
10 28	1 50.86	+ 3 23.9	0.998	1.983	5.4	18.6
11 7	1 43.34	+ 2 19.9	1.035	1.991	10.4	18.9
11 17	1 37.95	+ 1 41.3	1.093	1.999	15.4	19.2
11 27	1 35.52	+ 1 30.7	1.170	2.009	19.5	19.5

348064 2003 UK_{281} 10 23.9 340°.52 1°.4/23.0 18

9 18	2 18.92	+ 9 35.9	1.488	2.344	16.2	20.0
9 28	2 14.90	+ 9 22.6	1.414	2.337	12.3	19.7
10 8	2 8.27	+ 9 0.5	1.361	2.330	7.8	19.5
10 18	1 59.76	+ 8 33.1	1.332	2.324	3.0	19.2
10 28	1 50.49	+ 8 5.5	1.329	2.318	3.0	19.1
11 7	1 41.79	+ 7 43.9	1.352	2.313	7.8	19.4
11 17	1 34.79	+ 7 33.3	1.400	2.309	12.4	19.7
11 27	1 30.36	+ 7 37.1	1.470	2.306	16.4	19.9

264354 2000 AJ_{20} 10 23.9 327°.98 6°.8/18.9 18

9 18	2 17.51	− 4 23.0	1.712	2.574	14.1	19.6
9 28	2 13.52	− 5 9.6	1.634	2.554	11.2	19.4
10 8	2 7.26	− 5 53.1	1.579	2.535	8.3	19.2
10 18	1 59.36	− 6 26.6	1.549	2.517	6.8	19.1
10 28	1 50.77	− 6 43.1	1.544	2.499	8.0	19.1
11 7	1 42.60	− 6 38.1	1.564	2.482	10.9	19.2
11 17	1 35.87	− 6 9.8	1.609	2.466	14.2	19.4
11 27	1 31.36	− 5 19.1	1.673	2.451	17.2	19.6

181171 2005 SL_{60} 10 23.9 134°.32 0°.1/24.0 18

9 18	2 18.01	+14 16.0	2.151	2.977	13.0	20.7
9 28	2 13.36	+13 49.6	2.075	2.981	9.9	20.5
10 8	2 6.87	+13 12.6	2.023	2.984	6.3	20.3
10 18	1 59.13	+12 27.7	1.997	2.988	2.4	20.0
10 28	1 50.95	+11 39.0	2.000	2.991	1.6	20.0
11 7	1 43.24	+10 51.7	2.032	2.994	5.5	20.3
11 17	1 36.78	+10 10.6	2.092	2.997	9.1	20.5
11 27	1 32.16	+ 9 39.9	2.177	3.000	12.2	20.7

439967 2001 UY_{197} 10 23.9 9°.57 1°.7/25.2 18

9 18	2 18.47	+17 22.8	1.675	2.506	15.9	20.8
9 28	2 14.30	+17 22.8	1.602	2.507	12.3	20.6
10 8	2 7.75	+17 8.3	1.551	2.509	8.2	20.3
10 18	1 59.53	+16 40.7	1.523	2.511	3.9	20.1
10 28	1 50.68	+16 3.7	1.523	2.513	2.2	20.0
11 7	1 42.40	+15 22.9	1.549	2.516	6.3	20.2
11 17	1 35.72	+14 44.7	1.602	2.520	10.5	20.5
11 27	1 31.40	+14 15.0	1.678	2.524	14.2	20.7

148461 2000 YW_{131} 10 23.9 153°.78 5°.5/18.2 18

9 18	2 17.15	− 4 52.5	2.412	3.258	11.1	19.7
9 28	2 12.42	− 5 51.4	2.351	3.261	8.7	19.5
10 8	2 6.14	− 6 47.3	2.315	3.264	6.5	19.4
10 18	1 58.82	− 7 34.8	2.307	3.267	5.5	19.3
10 28	1 51.19	− 8 9.0	2.326	3.270	6.5	19.4
11 7	1 43.98	− 8 26.5	2.373	3.272	8.6	19.5
11 17	1 37.86	− 8 25.8	2.446	3.274	10.9	19.7
11 27	1 33.34	− 8 7.2	2.540	3.277	13.1	19.9

262912 2007 CW_{52} 10 23.9 282°.38 0°.5/23.3 16

9 18	2 12.99	+11 38.2	3.129	3.954	9.3	21.3
9 28	2 9.12	+11 10.7	3.036	3.943	7.1	21.1
10 8	2 4.00	+10 36.8	2.967	3.931	4.4	20.9
10 18	1 58.02	+ 9 58.7	2.927	3.919	1.6	20.7
10 28	1 51.71	+ 9 19.3	2.917	3.907	1.5	20.7
11 7	1 45.62	+ 8 42.0	2.937	3.895	4.3	20.9
11 17	1 40.29	+ 8 9.9	2.986	3.883	7.0	21.0
11 27	1 36.17	+ 7 45.7	3.061	3.871	9.4	21.2

224756 2006 DY_{179} 10 23.9 334°.21 4°.3/20.0 18

9 18	2 13.53	+ 3 57.2	1.756	2.621	13.7	19.7
9 28	2 10.40	+ 2 47.3	1.680	2.608	10.4	19.5
10 8	2 5.22	+ 1 31.5	1.627	2.595	6.9	19.2
10 18	1 58.56	+ 0 16.3	1.599	2.583	4.4	19.1
10 28	1 51.34	− 0 50.5	1.599	2.572	5.6	19.1
11 7	1 44.54	− 1 41.7	1.624	2.561	9.1	19.3
11 17	1 39.07	− 2 12.8	1.674	2.552	12.7	19.5
11 27	1 35.63	− 2 21.6	1.746	2.542	15.9	19.7

408032 2012 FM_{40} 10 23.9 298°.08 2°.5/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.59	+ 8 18.8	2.079	2.927	12.5	21.1
9 28	2 10.89	+ 7 9.5	1.997	2.917	9.4	20.8
10 8	2 5.38	+ 5 51.2	1.938	2.907	5.9	20.6
10 18	1 58.59	+ 4 29.1	1.907	2.897	2.9	20.4
10 28	1 51.32	+ 3 10.1	1.905	2.887	3.7	20.5
11 7	1 44.44	+ 2 0.6	1.931	2.877	7.2	20.7
11 17	1 38.71	+ 1 6.2	1.984	2.867	10.7	20.8
11 27	1 34.78	+ 0 30.1	2.060	2.858	13.8	21.0

52183 3286 $T\text{-}_2$ 10 23.9 350°.65 4°.9/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.59	+ 5 34.7	1.179	2.060	17.8	18.7
9 28	2 12.78	+ 4 19.9	1.118	2.055	13.5	18.4
10 8	2 7.09	+ 2 55.4	1.077	2.050	8.8	18.1
10 18	1 59.33	+ 1 30.5	1.059	2.047	5.1	17.9
10 28	1 50.83	+ 0 16.5	1.065	2.044	6.6	18.0
11 7	1 43.07	− 0 36.6	1.095	2.042	11.1	18.2
11 17	1 37.29	− 1 2.9	1.146	2.041	15.8	18.5
11 27	1 34.36	− 1 0.7	1.216	2.041	19.8	18.8

259481 2003 SY_{200} 10 23.9 68°.15 0°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.19	+14 41.1	2.190	3.017	12.7	20.4
9 28	2 11.91	+14 5.2	2.121	3.027	9.7	20.2
10 8	2 5.90	+13 18.6	2.075	3.037	6.2	20.0
10 18	1 58.75	+12 24.1	2.056	3.048	2.3	19.7
10 28	1 51.25	+11 26.4	2.067	3.058	1.6	19.7
11 7	1 44.24	+10 30.8	2.106	3.068	5.4	20.0
11 17	1 38.43	+ 9 42.4	2.173	3.079	8.8	20.2
11 27	1 34.38	+ 9 5.0	2.265	3.089	11.8	20.4

437989 2003 SF_{423} 10 23.9 67°.60 0°.0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.50	+14 48.6	1.612	2.449	16.1	21.3
9 28	2 15.57	+14 11.2	1.560	2.471	12.2	21.1
10 8	2 8.35	+13 20.3	1.529	2.493	7.7	20.9
10 18	1 59.68	+12 19.8	1.524	2.516	2.9	20.6
10 28	1 50.67	+11 16.0	1.547	2.538	2.0	20.6
11 7	1 42.47	+10 16.3	1.597	2.560	6.6	21.0
11 17	1 36.02	+ 9 27.0	1.674	2.583	10.7	21.3
11 27	1 31.92	+ 8 52.5	1.773	2.605	14.2	21.5

273508 2007 AN_{30} 10 23.9 184°.14 1°.1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.00	+11 37.0	1.852	2.687	14.4	21.8
9 28	2 15.91	+10 56.9	1.776	2.688	10.9	21.6
10 8	2 8.64	+10 6.0	1.722	2.688	6.9	21.3
10 18	1 59.84	+ 9 8.2	1.696	2.687	2.6	21.1
10 28	1 50.50	+ 8 9.2	1.697	2.686	2.5	21.1
11 7	1 41.70	+ 7 15.6	1.728	2.685	6.8	21.3
11 17	1 34.38	+ 6 32.8	1.785	2.683	10.8	21.6
11 27	1 29.24	+ 6 5.1	1.865	2.680	14.3	21.8

516772 2009 WS_{39} 10 23.9 24°.43 4°.8/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.80	− 1 55.9	2.010	2.859	12.9	20.2
9 28	2 14.70	− 2 19.6	1.949	2.864	9.9	20.0
10 8	2 7.70	− 2 40.8	1.911	2.870	6.9	19.8
10 18	1 59.44	− 2 54.9	1.899	2.875	4.9	19.7
10 28	1 50.80	− 2 57.6	1.916	2.881	5.7	19.8
11 7	1 42.70	− 2 46.1	1.960	2.888	8.4	19.9
11 17	1 35.95	− 2 19.3	2.030	2.894	11.3	20.1
11 27	1 31.15	− 1 37.6	2.122	2.902	14.0	20.3

117029 2004 JG_{15} 10 23.9 107°.10 1°.2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.80	+10 17.5	2.180	3.014	12.6	20.3
9 28	2 13.81	+ 9 43.6	2.116	3.027	9.4	20.2
10 8	2 7.07	+ 9 2.2	2.075	3.040	5.9	20.0
10 18	1 59.19	+ 8 16.9	2.061	3.053	2.2	19.7
10 28	1 50.97	+ 7 32.3	2.077	3.065	2.3	19.8
11 7	1 43.27	+ 6 52.9	2.122	3.078	5.9	20.0
11 17	1 36.83	+ 6 22.9	2.195	3.090	9.3	20.3
11 27	1 32.20	+ 6 5.0	2.292	3.101	12.2	20.5

212855 2007 VW_{72} 10 23.9 214°.28 0°.7/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.53	+16 17.4	2.056	2.877	13.7	21.1
9 28	2 13.93	+15 50.9	1.973	2.874	10.5	20.9
10 8	2 7.34	+15 11.4	1.912	2.871	6.9	20.7
10 18	1 59.35	+14 21.3	1.878	2.868	2.9	20.5
10 28	1 50.84	+13 24.9	1.873	2.864	1.6	20.4
11 7	1 42.77	+12 27.7	1.896	2.860	5.7	20.6
11 17	1 36.00	+11 35.8	1.948	2.856	9.5	20.9
11 27	1 31.21	+10 54.2	2.023	2.852	12.8	21.1

409788 2006 FP_{29} 10 23.9 266°.13 0°.6/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.92	+13 25.4	2.495	3.322	11.4	21.2
9 28	2 10.91	+12 32.4	2.399	3.307	8.6	21.0
10 8	2 5.30	+11 28.7	2.328	3.291	5.5	20.8
10 18	1 58.56	+10 17.5	2.284	3.276	2.0	20.5
10 28	1 51.37	+ 9 3.4	2.271	3.260	1.8	20.5
11 7	1 44.48	+ 7 52.0	2.287	3.245	5.4	20.7
11 17	1 38.56	+ 6 48.6	2.332	3.229	8.7	20.9
11 27	1 34.21	+ 5 57.5	2.402	3.212	11.6	21.0

481558 2007 RC_{280} 10 23.9 11°.64 7°.1/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.67	+31 24.3	1.401	2.193	20.3	20.0
9 28	2 12.86	+31 29.2	1.331	2.195	17.0	19.8
10 8	2 7.15	+31 3.4	1.278	2.199	13.3	19.6
10 18	1 59.36	+30 4.9	1.246	2.204	9.5	19.4
10 28	1 50.84	+28 36.4	1.237	2.209	7.2	19.3
11 7	1 43.10	+26 47.0	1.253	2.215	8.2	19.4
11 17	1 37.38	+24 49.2	1.294	2.223	11.5	19.6
11 27	1 34.53	+22 56.2	1.359	2.231	15.2	19.8

108384 2001 KN_{24} 10 23.9 126°.28 2°.8/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.51	+21 29.7	1.768	2.572	16.2	20.3
9 28	2 17.93	+21 19.8	1.699	2.585	12.8	20.1
10 8	2 9.95	+20 51.9	1.651	2.597	8.9	19.9
10 18	2 0.33	+20 6.9	1.628	2.610	4.8	19.6
10 28	1 50.21	+19 8.7	1.633	2.621	2.9	19.6
11 7	1 40.80	+18 4.0	1.667	2.632	6.1	19.8
11 17	1 33.10	+17 0.2	1.727	2.642	10.0	20.0
11 27	1 27.85	+16 4.7	1.812	2.652	13.6	20.3

54622 2000 SH_{31} 10 23.9 163°.42 2°.0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 13.88	+ 7 6.3	2.769	3.608	10.1	19.6
9 28	2 9.85	+ 6 15.1	2.694	3.609	7.5	19.5
10 8	2 4.47	+ 5 19.1	2.644	3.610	4.7	19.3
10 18	1 58.21	+ 4 21.8	2.623	3.611	2.3	19.1
10 28	1 51.64	+ 3 27.6	2.631	3.612	2.9	19.2
11 7	1 45.40	+ 2 40.5	2.669	3.613	5.6	19.4
11 17	1 40.05	+ 2 3.8	2.735	3.614	8.3	19.6
11 27	1 36.05	+ 1 39.7	2.826	3.615	10.7	19.7

438502 2007 QG_{17} 10 23.9 83°.38 1°.3/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.58	+17 55.8	1.811	2.627	15.4	21.6
9 28	2 16.91	+17 31.6	1.757	2.655	11.8	21.5
10 8	2 9.10	+16 52.8	1.726	2.682	7.8	21.3
10 18	1 59.95	+16 1.9	1.721	2.709	3.4	21.1
10 28	1 50.52	+15 3.9	1.744	2.735	1.8	21.0
11 7	1 41.88	+14 5.3	1.796	2.761	5.8	21.3
11 17	1 34.89	+13 12.4	1.876	2.787	9.6	21.6
11 27	1 30.17	+12 30.2	1.980	2.812	12.9	21.9

220495 Margarethe 10 23.9 337°.88 13°.3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 36.08	+24 40.4	1.072	1.884	24.0	18.6
9 28	2 30.91	+28 13.5	0.989	1.864	20.7	18.3
10 8	2 20.58	+31 45.1	0.924	1.846	17.0	18.1
10 18	2 5.23	+34 58.2	0.882	1.829	14.1	17.8
10 28	1 46.42	+37 33.5	0.864	1.813	13.4	17.8
11 7	1 27.05	+39 19.2	0.869	1.800	15.6	17.8
11 17	1 10.43	+40 16.7	0.895	1.788	19.3	18.0
11 27	0 59.15	+40 40.4	0.939	1.779	23.1	18.2

283007 2007 UF 10 23.9 81°.90 1°.0/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 24.60	+16 54.1	1.305	2.144	19.1	21.1
9 28	2 19.20	+16 29.8	1.254	2.165	14.6	20.9
10 8	2 10.90	+15 47.4	1.223	2.185	9.5	20.7
10 18	2 0.70	+14 50.0	1.215	2.205	4.0	20.4
10 28	1 50.04	+13 44.8	1.234	2.225	2.2	20.3
11 7	1 40.44	+12 40.5	1.278	2.245	7.4	20.7
11 17	1 33.06	+11 45.7	1.348	2.264	12.2	21.1
11 27	1 28.63	+11 6.6	1.440	2.283	16.2	21.4

407873 2012 BM_{91} 10 23.9 143°.06 3°.1/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.02	+ 3 32.3	2.405	3.249	11.2	21.2
9 28	2 12.36	+ 2 45.3	2.337	3.254	8.4	21.0
10 8	2 6.12	+ 1 55.8	2.294	3.259	5.5	20.8
10 18	1 58.85	+ 1 7.8	2.279	3.263	3.3	20.7
10 28	1 51.24	+ 0 26.2	2.293	3.268	4.1	20.7
11 7	1 44.06	− 0 5.0	2.336	3.272	6.8	20.9
11 17	1 37.95	− 0 23.1	2.406	3.276	9.6	21.1
11 27	1 33.44	− 0 26.6	2.500	3.280	12.1	21.3

142953 2002 VQ_{75} 10 23.9 213°.41 3°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.82	+ 3 0.1	2.283	3.126	11.8	20.3
9 28	2 13.88	+ 2 13.5	2.205	3.120	8.9	20.1
10 8	2 7.18	+ 1 24.0	2.151	3.114	5.9	19.9
10 18	1 59.28	+ 0 36.2	2.125	3.108	3.6	19.7
10 28	1 50.94	− 0 4.9	2.128	3.101	4.4	19.8
11 7	1 42.98	− 0 34.8	2.160	3.094	7.3	20.0
11 17	1 36.16	− 0 50.4	2.219	3.087	10.4	20.1
11 27	1 31.07	− 0 50.3	2.301	3.079	13.1	20.3

177963 2006 PR_{16} 10 23.9 87°.51 3°.1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.80	+21 1.5	1.429	2.250	18.6	20.2
9 28	2 18.63	+21 0.1	1.368	2.264	14.7	20.0
10 8	2 10.61	+20 38.4	1.327	2.278	10.1	19.8
10 18	2 0.65	+19 57.1	1.308	2.291	5.4	19.5
10 28	1 50.08	+19 0.6	1.316	2.305	3.3	19.4
11 7	1 40.40	+17 56.8	1.351	2.318	7.0	19.7
11 17	1 32.79	+16 54.7	1.411	2.332	11.4	20.0
11 27	1 28.06	+16 2.5	1.494	2.344	15.4	20.3

473422 2015 VJ_{135} 10 23.9 318°.47 2°.5/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 17.90	+ 6 12.8	1.834	2.685	13.8	20.6
9 28	2 13.76	+ 5 51.9	1.746	2.667	10.5	20.3
10 8	2 7.43	+ 5 25.9	1.680	2.648	6.7	20.0
10 18	1 59.47	+ 4 58.6	1.641	2.631	3.1	19.8
10 28	1 50.81	+ 4 34.8	1.629	2.613	3.7	19.8
11 7	1 42.50	+ 4 19.6	1.644	2.596	7.6	20.0
11 17	1 35.52	+ 4 16.6	1.685	2.580	11.6	20.2
11 27	1 30.66	+ 4 28.4	1.748	2.564	15.1	20.4

137343 1999 TV_{85} 10 23.9 12°.17 1°.4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.79	+10 40.8	0.923	1.811	21.0	19.6
9 28	2 13.50	+10 25.5	0.875	1.815	15.9	19.4
10 8	2 7.79	+ 9 56.3	0.845	1.820	10.0	19.1
10 18	1 59.66	+ 9 18.7	0.835	1.828	3.7	18.8
10 28	1 50.76	+ 8 41.1	0.846	1.837	3.5	18.8
11 7	1 42.90	+ 8 12.5	0.880	1.848	9.6	19.2
11 17	1 37.50	+ 7 59.6	0.934	1.860	15.1	19.5
11 27	1 35.42	+ 8 6.4	1.007	1.875	19.7	19.9

288004 2003 UF_{197} 10 23.9 331°.90 1°.8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.61	+ 8 43.5	1.349	2.215	17.0	19.8
9 28	2 14.30	+ 8 32.1	1.268	2.196	13.0	19.5
10 8	2 8.16	+ 8 11.9	1.208	2.179	8.3	19.2
10 18	1 59.84	+ 7 46.8	1.170	2.162	3.3	18.8
10 28	1 50.55	+ 7 22.6	1.158	2.147	3.4	18.8
11 7	1 41.72	+ 7 5.7	1.170	2.132	8.6	19.1
11 17	1 34.68	+ 7 1.5	1.206	2.119	13.7	19.3
11 27	1 30.42	+ 7 13.8	1.263	2.107	18.0	19.6

85040 4617 P–L 10 23.9 355°.51 3°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.03	+16 11.4	1.010	1.877	21.3	18.6
9 28	2 16.20	+17 0.1	0.946	1.870	16.8	18.3
10 8	2 9.76	+17 33.4	0.900	1.865	11.4	18.0
10 18	2 0.53	+17 49.8	0.873	1.861	5.7	17.7
10 28	1 50.11	+17 50.9	0.869	1.859	3.6	17.6
11 7	1 40.45	+17 42.2	0.888	1.859	8.7	17.9
11 17	1 33.28	+17 31.4	0.928	1.861	14.3	18.2
11 27	1 29.73	+17 26.7	0.987	1.864	19.2	18.5

121810 2000 AU_{214} 10 23.9 333°.23 5°.0/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.86	− 0 53.3	1.894	2.750	13.2	19.1
9 28	2 13.50	− 1 32.5	1.822	2.742	10.2	18.8
10 8	2 7.11	− 2 11.0	1.773	2.734	7.1	18.7
10 18	1 59.31	− 2 43.4	1.750	2.727	5.1	18.5
10 28	1 50.98	− 3 4.1	1.754	2.720	6.1	18.6
11 7	1 43.12	− 3 8.9	1.785	2.714	9.0	18.7
11 17	1 36.58	− 2 55.7	1.841	2.708	12.2	18.9
11 27	1 32.06	− 2 24.4	1.919	2.702	15.1	19.1

23031 1999 XX_{7} 10 23.9 35°.29 4°.7/27.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.15	+23 8.4	1.029	1.874	22.6	17.6
9 28	2 16.61	+23 19.4	0.985	1.892	18.0	17.4
10 8	2 9.62	+23 2.5	0.957	1.911	12.7	17.2
10 18	2 0.31	+22 18.2	0.950	1.931	7.4	17.0
10 28	1 50.39	+21 12.2	0.965	1.952	4.7	16.9
11 7	1 41.70	+19 55.7	1.003	1.974	8.2	17.2
11 17	1 35.58	+18 40.8	1.065	1.997	13.0	17.5
11 27	1 32.84	+17 38.3	1.147	2.021	17.3	17.8

268188 2004 YB_{6} 10 23.9 29°.59 4°.5/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.77	+27 14.1	2.186	2.961	14.5	20.5
9 28	2 13.41	+27 24.1	2.105	2.964	11.9	20.3
10 8	2 7.05	+27 16.2	2.045	2.968	8.9	20.1
10 18	1 59.29	+26 50.0	2.010	2.972	6.1	20.0
10 28	1 51.01	+26 7.0	2.002	2.976	4.6	19.9
11 7	1 43.19	+25 11.7	2.021	2.980	5.8	20.0
11 17	1 36.69	+24 10.3	2.069	2.985	8.6	20.1
11 27	1 32.18	+23 9.4	2.141	2.989	11.4	20.3

352328 2007 UC_{129} 10 23.9 198°.47 1°.8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.68	+19 42.6	2.066	2.876	14.0	21.6
9 28	2 14.09	+19 19.9	1.983	2.874	11.0	21.4
10 8	2 7.47	+18 42.0	1.921	2.873	7.4	21.1
10 18	1 59.45	+17 50.3	1.886	2.871	3.7	20.9
10 28	1 50.91	+16 48.8	1.879	2.869	2.0	20.8
11 7	1 42.82	+15 43.3	1.901	2.867	5.4	21.0
11 17	1 36.06	+14 40.3	1.951	2.864	9.2	21.2
11 27	1 31.31	+13 45.7	2.026	2.862	12.5	21.5

358787 2008 EL_{5} 10 23.9 129°.64 1°.2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.63	+10 1.9	2.061	2.898	13.0	21.1
9 28	2 13.92	+ 9 34.7	1.987	2.900	9.8	20.9
10 8	2 7.29	+ 9 0.0	1.936	2.902	6.2	20.7
10 18	1 59.37	+ 8 21.0	1.912	2.904	2.4	20.5
10 28	1 50.98	+ 7 42.1	1.917	2.905	2.4	20.5
11 7	1 43.06	+ 7 8.2	1.950	2.907	6.2	20.7
11 17	1 36.42	+ 6 43.5	2.011	2.908	9.8	21.0
11 27	1 31.70	+ 6 31.0	2.095	2.910	12.9	21.2

482697 2013 CB_{134} 10 23.9 334°.65 13°.1/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 33.23	+33 2.1	1.467	2.220	21.3	20.1
9 28	2 27.65	+35 52.3	1.377	2.202	18.8	19.9
10 8	2 17.78	+38 28.6	1.307	2.185	16.2	19.7
10 18	2 3.96	+40 38.7	1.258	2.169	14.0	19.5
10 28	1 47.56	+42 10.5	1.233	2.155	13.1	19.4
11 7	1 30.86	+42 59.1	1.233	2.141	14.0	19.4
11 17	1 16.34	+43 8.2	1.254	2.129	16.2	19.5
11 27	1 6.00	+42 50.1	1.296	2.118	19.0	19.7

285562 2000 KC_{65} 10 23.9 174°.26 3°.8/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.30	+ 1 31.6	2.355	3.197	11.5	21.3
9 28	2 14.13	+ 0 44.8	2.285	3.199	8.7	21.1
10 8	2 7.29	− 0 3.3	2.240	3.201	5.8	20.9
10 18	1 59.34	− 0 48.3	2.222	3.202	3.8	20.8
10 28	1 51.02	− 1 25.3	2.234	3.203	4.7	20.9
11 7	1 43.13	− 1 50.3	2.275	3.204	7.3	21.0
11 17	1 36.37	− 2 0.9	2.343	3.204	10.2	21.2
11 27	1 31.31	− 1 56.0	2.434	3.204	12.7	21.4

147460 2004 BL_{56} 10 23.9 168°.37 0°.8/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 22.73	+16 21.4	1.893	2.711	14.8	20.9
9 28	2 17.23	+15 58.6	1.816	2.715	11.4	20.7
10 8	2 9.51	+15 22.2	1.761	2.719	7.4	20.4
10 18	2 0.23	+14 34.4	1.733	2.722	3.1	20.2
10 28	1 50.42	+13 39.5	1.733	2.724	1.7	20.1
11 7	1 41.16	+12 43.8	1.762	2.726	6.0	20.4
11 17	1 33.43	+11 53.5	1.819	2.727	10.1	20.6
11 27	1 27.94	+11 14.0	1.901	2.728	13.6	20.9

512094 2015 OO_{12} 10 23.9 117°.32 3°.7/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.68	+ 3 12.0	2.002	2.847	13.1	21.7
9 28	2 15.34	+ 2 22.8	1.944	2.861	9.8	21.6
10 8	2 8.10	+ 1 31.1	1.910	2.874	6.4	21.4
10 18	1 59.64	+ 0 42.1	1.903	2.887	3.9	21.3
10 28	1 50.85	+ 0 1.3	1.925	2.900	4.7	21.3
11 7	1 42.66	− 0 26.6	1.976	2.912	7.8	21.6
11 17	1 35.85	− 0 39.0	2.052	2.924	10.9	21.8
11 27	1 31.00	− 0 34.8	2.152	2.935	13.7	22.0

199796 2006 UN_{217} 10 23.9 341°.09 0°.3/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 10.42	+14 51.6	3.940	4.752	7.8	19.7
9 28	2 6.97	+14 34.9	3.851	4.749	6.0	19.6
10 8	2 2.57	+14 12.4	3.788	4.746	3.9	19.4
10 18	1 57.53	+13 45.3	3.753	4.742	1.6	19.3
10 28	1 52.25	+13 15.6	3.748	4.739	0.9	19.2
11 7	1 47.17	+12 45.6	3.774	4.736	3.2	19.4
11 17	1 42.67	+12 17.8	3.829	4.734	5.4	19.5
11 27	1 39.12	+11 54.3	3.911	4.731	7.3	19.7

452977 2007 EW_{152} 10 23.9 29°.92 3°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.32	+18 35.8	1.809	2.622	15.6	20.4
9 28	2 17.86	+19 18.7	1.740	2.631	12.3	20.2
10 8	2 10.00	+19 49.4	1.692	2.641	8.5	20.0
10 18	2 0.45	+20 6.8	1.669	2.651	4.7	19.8
10 28	1 50.27	+20 12.0	1.674	2.661	3.2	19.8
11 7	1 40.67	+20 8.1	1.707	2.672	6.1	20.0
11 17	1 32.68	+19 59.8	1.767	2.683	9.8	20.2
11 27	1 27.09	+19 52.5	1.852	2.695	13.2	20.5

189940 2003 SV_{291} 10 23.9 51°.82 4°.1/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.86	+26 18.3	2.247	3.024	14.0	19.6
9 28	2 13.40	+26 23.8	2.167	3.029	11.4	19.4
10 8	2 7.01	+26 12.3	2.108	3.034	8.5	19.2
10 18	1 59.28	+25 43.5	2.074	3.040	5.6	19.1
10 28	1 51.08	+24 59.4	2.068	3.045	4.1	19.0
11 7	1 43.33	+24 4.4	2.090	3.051	5.5	19.1
11 17	1 36.86	+23 4.4	2.140	3.056	8.3	19.3
11 27	1 32.31	+22 5.9	2.216	3.062	11.2	19.5

103536 2000 BD_{17} 10 23.9 165°.63 4°.3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.33	+24 24.3	1.710	2.506	17.1	19.9
9 28	2 18.14	+24 35.5	1.632	2.508	13.8	19.7
10 8	2 10.32	+24 26.9	1.574	2.510	10.0	19.4
10 18	2 0.61	+23 57.4	1.539	2.512	6.2	19.2
10 28	1 50.18	+23 9.3	1.531	2.514	4.4	19.1
11 7	1 40.34	+22 8.4	1.551	2.515	6.7	19.3
11 17	1 32.28	+21 3.0	1.598	2.516	10.5	19.5
11 27	1 26.82	+20 1.6	1.668	2.516	14.1	19.7

480259 2015 HW_{62} 10 23.9 117°.21 5°.9/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 24.62	− 3 2.6	1.780	2.627	14.4	21.3
9 28	2 18.49	− 3 45.5	1.727	2.640	11.1	21.1
10 8	2 10.17	− 4 25.1	1.697	2.652	7.9	20.9
10 18	2 0.44	− 4 55.3	1.693	2.664	6.0	20.8
10 28	1 50.35	− 5 10.4	1.717	2.676	6.9	20.9
11 7	1 41.00	− 5 7.0	1.768	2.687	9.7	21.1
11 17	1 33.29	− 4 44.3	1.844	2.698	12.8	21.3
11 27	1 27.86	− 4 3.5	1.942	2.709	15.6	21.6

124788 2001 SP_{256} 10 23.9 198°.55 0°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 23.58	+11 53.2	1.736	2.569	15.3	20.0
9 28	2 18.11	+11 48.9	1.658	2.568	11.7	19.8
10 8	2 10.21	+11 35.3	1.603	2.567	7.5	19.5
10 18	2 0.55	+11 14.4	1.574	2.565	2.8	19.2
10 28	1 50.22	+10 50.3	1.572	2.563	2.1	19.2
11 7	1 40.44	+10 27.8	1.599	2.561	6.7	19.5
11 17	1 32.27	+10 11.7	1.653	2.559	11.0	19.7
11 27	1 26.51	+10 6.3	1.730	2.556	14.7	20.0

344216 2001 RB_{54} 10 23.9 57°.82 0°.6/24.3 18

9 18	2 24.45	+14 4.2	1.339	2.183	18.3	20.3
9 28	2 19.06	+14 5.6	1.289	2.203	14.0	20.1
10 8	2 10.84	+13 53.7	1.258	2.223	9.0	19.8
10 18	2 0.74	+13 30.7	1.252	2.243	3.6	19.6
10 28	1 50.17	+13 1.5	1.272	2.263	2.1	19.5
11 7	1 40.58	+12 32.5	1.318	2.284	7.3	19.9
11 17	1 33.14	+12 10.0	1.389	2.304	12.0	20.2
11 27	1 28.57	+11 58.9	1.482	2.325	15.9	20.5

141676 2002 JV_{105} 10 23.9 145°.56 4°.7/20.8 18

9 18	2 23.42	+ 2 34.6	1.523	2.379	15.9	20.1
9 28	2 18.06	+ 1 45.6	1.461	2.383	12.1	19.8
10 8	2 10.15	+ 0 53.7	1.422	2.387	8.0	19.6
10 18	2 0.50	+ 0 5.4	1.407	2.391	4.9	19.5
10 28	1 50.29	− 0 31.9	1.420	2.395	6.0	19.5
11 7	1 40.82	− 0 52.3	1.459	2.398	9.7	19.8
11 17	1 33.15	− 0 52.9	1.522	2.401	13.6	20.0
11 27	1 28.05	− 0 32.9	1.607	2.404	17.0	20.2

39116 2000 WJ_{33} 10 23.9 194°.97 0°.5/24.5 18

9 18	2 16.34	+16 54.4	2.377	3.193	12.2	19.1
9 28	2 12.02	+16 11.3	2.293	3.191	9.4	18.9
10 8	2 6.03	+15 15.8	2.232	3.190	6.1	18.7
10 18	1 58.90	+14 10.3	2.199	3.189	2.5	18.5
10 28	1 51.36	+12 59.4	2.195	3.187	1.4	18.4
11 7	1 44.21	+11 48.6	2.222	3.185	5.0	18.7
11 17	1 38.18	+10 43.4	2.277	3.183	8.4	18.9
11 27	1 33.81	+ 9 48.7	2.357	3.180	11.4	19.1

115385 2003 SH_{275} 10 23.9 307°.19 1°.5/22.5 18

9 18	2 15.16	+10 0.4	2.136	2.978	12.5	19.8
9 28	2 11.35	+ 9 16.8	2.049	2.966	9.4	19.5
10 8	2 5.73	+ 8 24.6	1.987	2.954	5.9	19.3
10 18	1 58.83	+ 7 27.4	1.951	2.942	2.4	19.1
10 28	1 51.41	+ 6 30.4	1.944	2.931	2.7	19.1
11 7	1 44.34	+ 5 39.3	1.965	2.919	6.4	19.3
11 17	1 38.41	+ 4 58.9	2.013	2.908	9.9	19.5
11 27	1 34.25	+ 4 32.8	2.085	2.897	13.1	19.7

446608 2015 MA_{59} 10 23.9 150°.77 5°.8/28.8 18

9 18	2 21.97	+28 30.2	1.860	2.632	16.7	20.8
9 28	2 17.06	+28 55.7	1.778	2.633	13.9	20.6
10 8	2 9.63	+29 0.7	1.716	2.634	10.6	20.4
10 18	2 0.37	+28 42.8	1.678	2.635	7.5	20.3
10 28	1 50.38	+28 3.0	1.666	2.636	5.8	20.2
11 7	1 40.92	+27 5.9	1.681	2.637	7.1	20.3
11 17	1 33.12	+25 59.1	1.723	2.638	10.1	20.4
11 27	1 27.80	+24 51.4	1.789	2.639	13.3	20.6

146926 2002 CN_{272} 10 23.9 212°.78 5°.1/18.5 18

9 18	2 17.50	− 3 37.9	2.515	3.359	10.8	20.2
9 28	2 12.73	− 4 35.5	2.443	3.353	8.4	20.0
10 8	2 6.41	− 5 31.5	2.397	3.348	6.2	19.9
10 18	1 59.04	− 6 20.7	2.378	3.342	5.1	19.8
10 28	1 51.30	− 6 58.2	2.387	3.336	6.0	19.9
11 7	1 43.91	− 7 20.4	2.425	3.329	8.2	20.0
11 17	1 37.54	− 7 25.4	2.489	3.322	10.6	20.2
11 27	1 32.73	− 7 12.9	2.575	3.315	12.8	20.3

505609 2014 DH_{144} 10 23.9 117°.55 6°.1/18.7 17

9 18	2 19.76	+ 9 51.5	1.087	1.961	19.6	20.7
9 28	2 16.01	+ 6 42.0	1.033	1.967	14.6	20.5
10 8	2 9.14	+ 3 10.4	1.001	1.974	9.3	20.2
10 18	2 0.17	− 0 25.2	0.995	1.980	6.1	20.0
10 28	1 50.61	− 3 42.4	1.016	1.986	8.6	20.2
11 7	1 42.07	− 6 22.2	1.062	1.992	13.5	20.5
11 17	1 35.82	− 8 15.1	1.130	1.997	18.2	20.8
11 27	1 32.62	− 9 20.3	1.216	2.002	22.0	21.1

320201 2007 HM_{7} 10 23.9 42°.87 1°.7/22.2 18

9 18	2 15.01	+ 9 55.8	2.167	3.009	12.3	20.6
9 28	2 11.08	+ 8 58.6	2.096	3.013	9.2	20.4
10 8	2 5.45	+ 7 53.1	2.050	3.017	5.8	20.2
10 18	1 58.69	+ 6 43.6	2.030	3.021	2.4	20.0
10 28	1 51.56	+ 5 35.9	2.040	3.026	2.9	20.0
11 7	1 44.87	+ 4 35.7	2.079	3.030	6.3	20.3
11 17	1 39.34	+ 3 47.8	2.144	3.035	9.6	20.5
11 27	1 35.53	+ 3 15.2	2.234	3.040	12.5	20.7

457878 2009 SD_{288} 10 23.9 355°.57 2°.0/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 14.45	+19 29.4	1.689	2.520	15.8	21.0
9 28	2 11.33	+19 13.6	1.612	2.515	12.4	20.8
10 8	2 5.96	+18 40.4	1.555	2.512	8.4	20.5
10 18	1 58.97	+17 51.5	1.523	2.509	4.2	20.3
10 28	1 51.37	+16 51.5	1.517	2.507	2.3	20.2
11 7	1 44.27	+15 47.0	1.538	2.506	6.1	20.4
11 17	1 38.67	+14 45.7	1.584	2.506	10.3	20.7
11 27	1 35.30	+13 54.4	1.655	2.507	14.0	20.9

126421 2002 BD_{30} 10 23.9 196°.11 4°.1/20.1 18

9 18	2 18.54	+ 0 0.9	2.352	3.196	11.4	20.1
9 28	2 13.60	− 0 40.5	2.280	3.195	8.7	19.9
10 8	2 7.00	− 1 22.0	2.234	3.193	6.0	19.7
10 18	1 59.28	− 1 59.2	2.214	3.191	4.2	19.6
10 28	1 51.18	− 2 27.5	2.224	3.190	5.0	19.7
11 7	1 43.47	− 2 43.1	2.262	3.187	7.5	19.8
11 17	1 36.88	− 2 44.1	2.326	3.185	10.3	20.0
11 27	1 31.96	− 2 29.6	2.414	3.183	12.8	20.2

505010 2011 OH_{15} 10 23.9 179°.87 13°.4/ 1.9 17

9 18	2 32.35	+40 1.4	1.419	2.139	23.2	21.9
9 28	2 26.69	+41 42.8	1.345	2.140	20.7	21.7
10 8	2 16.76	+42 54.7	1.285	2.141	17.9	21.5
10 18	2 3.37	+43 26.8	1.244	2.141	15.3	21.4
10 28	1 48.32	+43 12.1	1.224	2.141	13.6	21.3
11 7	1 33.98	+42 12.7	1.226	2.140	13.6	21.3
11 17	1 22.51	+40 39.1	1.251	2.139	15.3	21.4
11 27	1 15.30	+38 47.7	1.297	2.137	17.9	21.5

24534 2001 CX_{27} 10 23.9 48°.42 0°.1/24.2 18

9 18	2 12.14	+12 58.1	4.112	4.925	7.5	18.3
9 28	2 8.19	+12 53.3	4.031	4.930	5.7	18.1
10 8	2 3.32	+12 44.1	3.976	4.935	3.6	18.0
10 18	1 57.84	+12 31.4	3.950	4.940	1.4	17.8
10 28	1 52.15	+12 16.9	3.954	4.946	0.9	17.8
11 7	1 46.66	+12 2.6	3.990	4.951	3.1	18.0
11 17	1 41.75	+11 50.3	4.055	4.956	5.2	18.1
11 27	1 37.77	+11 41.9	4.147	4.962	7.0	18.3

89091 2001 TS_{187} 10 23.9 122°.36 2°.8/26.2 18

9 18	2 23.26	+21 4.5	1.799	2.604	16.0	19.4
9 28	2 17.79	+21 4.2	1.729	2.615	12.6	19.2
10 8	2 9.93	+20 47.1	1.679	2.626	8.7	19.0
10 18	2 0.45	+20 13.6	1.655	2.636	4.8	18.8
10 28	1 50.42	+19 27.1	1.659	2.646	3.0	18.7
11 7	1 41.04	+18 33.4	1.690	2.656	6.0	18.9
11 17	1 33.34	+17 39.5	1.749	2.665	9.9	19.2
11 27	1 28.03	+16 52.2	1.833	2.674	13.4	19.4

315868 2008 HJ_{67} 10 23.9 333°.50 2°.2/22.3 18

9 18	2 19.74	+ 6 10.7	1.989	2.833	13.2	20.5
9 28	2 14.87	+ 5 54.3	1.913	2.830	10.0	20.3
10 8	2 7.98	+ 5 33.7	1.861	2.827	6.3	20.1
10 18	1 59.70	+ 5 12.4	1.835	2.825	2.9	19.9
10 28	1 50.90	+ 4 54.5	1.838	2.822	3.3	19.9
11 7	1 42.56	+ 4 44.1	1.869	2.820	6.9	20.1
11 17	1 35.53	+ 4 44.2	1.926	2.818	10.5	20.3
11 27	1 30.50	+ 4 56.8	2.007	2.816	13.6	20.5

38514 1999 TF_{238} 10 23.9 227°.83 2°.6/21.7 18

9 18	2 19.28	+ 4 39.9	2.302	3.141	11.8	18.6
9 28	2 14.25	+ 4 16.7	2.223	3.138	8.9	18.4
10 8	2 7.47	+ 3 50.7	2.169	3.134	5.7	18.2
10 18	1 59.49	+ 3 25.0	2.143	3.130	2.9	18.0
10 28	1 51.06	+ 3 3.9	2.146	3.127	3.5	18.1
11 7	1 43.02	+ 2 50.9	2.178	3.123	6.6	18.3
11 17	1 36.12	+ 2 48.6	2.237	3.119	9.7	18.5
11 27	1 30.95	+ 2 58.7	2.320	3.115	12.5	18.6

227504 2005 XK_{104} 10 23.9 92°.19 0°.3/24.2 18

9 18	2 18.90	+13 47.9	2.310	3.131	12.3	20.9
9 28	2 13.92	+13 37.6	2.239	3.142	9.4	20.8
10 8	2 7.22	+13 18.6	2.192	3.152	6.0	20.6
10 18	1 59.37	+12 52.9	2.172	3.162	2.4	20.3
10 28	1 51.15	+12 23.5	2.181	3.172	1.4	20.3
11 7	1 43.38	+11 54.6	2.219	3.182	5.1	20.6
11 17	1 36.80	+11 29.9	2.286	3.192	8.4	20.8
11 27	1 31.97	+11 13.0	2.378	3.202	11.3	21.0

105726 2000 SW_{81} 10 23.9 16°.33 0°.8/23.3 18

9 18	2 17.33	+11 49.3	1.944	2.783	13.7	19.9
9 28	2 13.09	+11 16.8	1.870	2.784	10.3	19.6
10 8	2 6.87	+10 34.5	1.819	2.785	6.5	19.4
10 18	1 59.28	+ 9 45.8	1.794	2.786	2.4	19.2
10 28	1 51.21	+ 8 55.8	1.798	2.788	2.2	19.2
11 7	1 43.63	+ 8 10.2	1.830	2.789	6.3	19.4
11 17	1 37.37	+ 7 33.9	1.888	2.791	10.1	19.7
11 27	1 33.09	+ 7 10.6	1.970	2.793	13.3	19.9

15671 Suzannedébarbat 10 23.9 187°.02 0°.9/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 12.50	+ 9 57.3	3.538	4.364	8.4	18.8
9 28	2 8.60	+ 9 22.3	3.455	4.363	6.3	18.7
10 8	2 3.64	+ 8 42.5	3.398	4.363	3.9	18.5
10 18	1 57.98	+ 8 0.0	3.371	4.362	1.5	18.3
10 28	1 52.08	+ 7 17.8	3.373	4.361	1.7	18.3
11 7	1 46.41	+ 6 38.9	3.407	4.360	4.1	18.5
11 17	1 41.42	+ 6 5.8	3.469	4.358	6.4	18.7
11 27	1 37.49	+ 5 40.7	3.559	4.357	8.4	18.8

208134 2000 EN_7 10 23.9 89°.24 0°.5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.40	+12 45.2	1.896	2.731	14.1	20.8
9 28	2 14.59	+12 12.9	1.832	2.743	10.7	20.6
10 8	2 7.77	+11 30.2	1.790	2.754	6.7	20.4
10 18	1 59.60	+10 40.5	1.774	2.766	2.5	20.1
10 28	1 51.02	+ 9 48.9	1.787	2.777	2.0	20.1
11 7	1 43.04	+ 9 1.3	1.828	2.788	6.2	20.4
11 17	1 36.49	+ 8 22.7	1.896	2.800	10.0	20.7
11 27	1 32.01	+ 7 57.0	1.988	2.811	13.2	20.9

291357 2006 BE_{259} 10 23.9 69°.21 2°.2/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.11	+ 8 38.1	1.616	2.467	15.4	20.7
9 28	2 15.45	+ 7 58.3	1.554	2.474	11.6	20.5
10 8	2 8.46	+ 7 10.2	1.514	2.482	7.3	20.3
10 18	1 59.89	+ 6 18.8	1.499	2.490	3.1	20.1
10 28	1 50.83	+ 5 30.4	1.512	2.498	3.5	20.1
11 7	1 42.44	+ 4 51.4	1.551	2.506	7.8	20.4
11 17	1 35.71	+ 4 26.6	1.616	2.514	11.8	20.7
11 27	1 31.31	+ 4 18.9	1.704	2.522	15.3	20.9

223731 2004 RM_{139} 10 23.9 68°.03 1°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.07	+16 38.7	2.031	2.851	13.9	21.0
9 28	2 14.26	+16 26.7	1.966	2.866	10.7	20.8
10 8	2 7.52	+16 2.7	1.923	2.880	7.0	20.6
10 18	1 59.50	+15 28.6	1.906	2.895	3.1	20.4
10 28	1 51.09	+14 48.1	1.918	2.909	1.7	20.3
11 7	1 43.24	+14 6.3	1.959	2.924	5.4	20.6
11 17	1 36.76	+13 28.2	2.027	2.938	9.0	20.9
11 27	1 32.25	+12 58.4	2.120	2.953	12.1	21.1

352969 2009 BQ_{54} 10 23.9 295°.57 2°.8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.90	+ 6 47.5	1.691	2.545	14.7	20.6
9 28	2 14.72	+ 6 9.3	1.606	2.528	11.2	20.3
10 8	2 8.17	+ 5 23.5	1.543	2.512	7.2	20.1
10 18	1 59.86	+ 4 35.2	1.506	2.495	3.4	19.8
10 28	1 50.80	+ 3 50.5	1.495	2.479	4.1	19.8
11 7	1 42.14	+ 3 16.0	1.512	2.463	8.3	20.0
11 17	1 34.94	+ 2 56.5	1.553	2.447	12.5	20.2
11 27	1 30.05	+ 2 55.2	1.617	2.431	16.2	20.4

22908 Bayefsky–Anand 10 23.9 154°.47 0°.8/24.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.11	+17 34.6	1.643	2.469	16.3	17.9
9 28	2 16.33	+16 54.8	1.570	2.474	12.6	17.7
10 8	2 9.10	+15 57.6	1.518	2.478	8.2	17.5
10 18	2 0.16	+14 45.8	1.492	2.481	3.5	17.2
10 28	1 50.65	+13 25.8	1.493	2.484	1.9	17.1
11 7	1 41.79	+12 6.0	1.522	2.487	6.6	17.4
11 17	1 34.64	+10 54.5	1.578	2.490	11.1	17.7
11 27	1 29.94	+ 9 58.0	1.657	2.492	14.9	17.9

9821 Gitakresáková 10 23.9 70°.84 2°.4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.45	+ 9 54.4	1.416	2.272	16.9	18.1
9 28	2 15.87	+ 8 54.3	1.364	2.287	12.6	17.9
10 8	2 8.77	+ 7 43.1	1.333	2.302	7.9	17.7
10 18	2 0.00	+ 6 27.5	1.326	2.317	3.3	17.5
10 28	1 50.80	+ 5 16.0	1.346	2.333	3.9	17.5
11 7	1 42.45	+ 4 16.8	1.393	2.348	8.4	17.9
11 17	1 35.98	+ 3 35.8	1.464	2.363	12.7	18.1
11 27	1 32.07	+ 3 15.9	1.557	2.378	16.4	18.4

355507 2007 YX_{49} 10 23.9 183°.65 3°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.73	+22 26.4	2.030	2.828	14.6	20.9
9 28	2 15.01	+22 27.5	1.947	2.828	11.7	20.7
10 8	2 8.17	+22 12.5	1.886	2.828	8.3	20.5
10 18	1 59.81	+21 41.6	1.850	2.828	4.8	20.3
10 28	1 50.87	+20 57.3	1.842	2.828	3.2	20.2
11 7	1 42.40	+20 4.5	1.863	2.828	5.6	20.4
11 17	1 35.32	+19 9.6	1.911	2.827	9.1	20.6
11 27	1 30.35	+18 19.0	1.983	2.827	12.4	20.8

223490 2003 YN_{180} 10 23.9 172°.05 5°.0/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 25.78	+26 46.0	1.979	2.748	15.9	20.9
9 28	2 19.76	+27 7.0	1.895	2.752	13.1	20.8
10 8	2 11.28	+27 9.2	1.833	2.755	9.8	20.6
10 18	2 1.02	+26 50.9	1.795	2.758	6.6	20.4
10 28	1 50.06	+26 13.0	1.785	2.759	5.0	20.3
11 7	1 39.64	+25 20.2	1.803	2.760	6.6	20.4
11 17	1 30.84	+24 19.5	1.849	2.761	9.7	20.6
11 27	1 24.48	+23 18.9	1.920	2.760	12.9	20.8

246014 2006 TN_{68} 10 23.9 25°.69 1°.6/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 17.04	+10 32.2	1.646	2.498	15.1	20.3
9 28	2 13.13	+ 9 48.1	1.582	2.503	11.4	20.1
10 8	2 7.00	+ 8 53.6	1.540	2.508	7.1	19.9
10 18	1 59.35	+ 7 53.7	1.522	2.514	2.8	19.6
10 28	1 51.22	+ 6 54.8	1.532	2.520	3.0	19.6
11 7	1 43.69	+ 6 4.0	1.569	2.527	7.3	19.9
11 17	1 37.71	+ 5 26.6	1.632	2.534	11.4	20.2
11 27	1 33.95	+ 5 6.3	1.717	2.542	14.9	20.4

408003 2012 DS_{92} 10 23.9 339°.58 4°.7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 14.88	+ 2 0.2	1.952	2.811	12.8	21.2
9 28	2 11.19	+ 0 40.7	1.884	2.807	9.7	21.0
10 8	2 5.65	− 0 42.3	1.840	2.804	6.6	20.8
10 18	1 58.83	− 2 2.1	1.822	2.801	4.7	20.6
10 28	1 51.56	− 3 11.4	1.833	2.798	5.9	20.7
11 7	1 44.74	− 4 3.9	1.870	2.796	8.9	20.9
11 17	1 39.17	− 4 36.0	1.932	2.793	12.0	21.1
11 27	1 35.45	− 4 46.4	2.016	2.791	14.8	21.3

14297 2124 T_{-2} 10 23.9 4°.82 1°.6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.03	+16 44.7	1.109	1.971	20.1	18.2
9 28	2 14.25	+16 40.5	1.048	1.970	15.6	17.9
10 8	2 8.28	+16 16.6	1.004	1.971	10.4	17.6
10 18	1 59.97	+15 35.2	0.982	1.972	4.6	17.3
10 28	1 50.80	+14 42.2	0.983	1.975	2.5	17.2
11 7	1 42.45	+13 47.1	1.008	1.979	8.1	17.6
11 17	1 36.33	+12 59.4	1.056	1.984	13.5	17.9
11 27	1 33.36	+12 26.9	1.123	1.990	18.1	18.2

250570 2004 TW_{314} 10 23.9 112°.24 0°.7/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 24.36	+16 25.3	1.435	2.269	17.9	21.6
9 28	2 18.96	+15 54.2	1.375	2.283	13.7	21.4
10 8	2 10.81	+15 6.0	1.335	2.297	8.9	21.1
10 18	2 0.81	+14 4.0	1.320	2.311	3.6	20.9
10 28	1 50.28	+12 54.9	1.332	2.324	2.0	20.8
11 7	1 40.64	+11 47.2	1.371	2.336	7.2	21.2
11 17	1 33.03	+10 49.2	1.436	2.348	11.9	21.5
11 27	1 28.19	+10 6.9	1.523	2.360	15.8	21.7

219302 2000 DW_{79} 10 23.9 308°.45 4°.2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.54	+20 33.1	1.362	2.192	18.9	20.1
9 28	2 17.71	+21 7.5	1.272	2.172	15.2	19.8
10 8	2 10.66	+21 24.6	1.201	2.152	10.9	19.5
10 18	2 1.00	+21 22.1	1.152	2.133	6.4	19.2
10 28	1 50.02	+21 0.6	1.128	2.114	4.3	19.1
11 7	1 39.38	+20 25.0	1.128	2.096	8.0	19.2
11 17	1 30.68	+19 43.5	1.153	2.078	12.9	19.5
11 27	1 25.13	+19 5.7	1.199	2.061	17.6	19.7

322156 2010 WC_{58} 10 23.9 4°.48 0°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.93	+13 56.1	1.720	2.563	15.0	20.2
9 28	2 12.31	+13 28.3	1.648	2.563	11.4	19.9
10 8	2 6.52	+12 48.0	1.598	2.564	7.3	19.7
10 18	1 59.20	+11 58.4	1.573	2.565	2.8	19.4
10 28	1 51.34	+11 4.9	1.575	2.567	1.9	19.4
11 7	1 44.02	+10 14.0	1.605	2.569	6.5	19.7
11 17	1 38.15	+ 9 31.6	1.660	2.572	10.6	19.9
11 27	1 34.46	+ 9 2.6	1.738	2.576	14.2	20.2

74575 1999 NV_{18} 10 23.9 53°.35 6°.6/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 23.63	− 0 21.2	1.191	2.063	18.4	18.7
9 28	2 18.57	− 1 14.2	1.150	2.078	14.0	18.5
10 8	2 10.59	− 2 5.6	1.128	2.093	9.6	18.3
10 18	2 0.72	− 2 47.0	1.129	2.109	6.7	18.2
10 28	1 50.41	− 3 10.0	1.155	2.125	7.8	18.3
11 7	1 41.19	− 3 9.8	1.205	2.142	11.6	18.6
11 17	1 34.20	− 2 45.5	1.277	2.158	15.5	18.9
11 27	1 30.16	− 1 58.9	1.369	2.175	19.0	19.1

105358 2000 QO_{110} 10 23.9 334°.88 0°.9/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.29	+11 37.9	1.946	2.785	13.6	19.6
9 28	2 13.10	+11 2.5	1.869	2.783	10.3	19.3
10 8	2 6.91	+10 17.2	1.815	2.782	6.5	19.1
10 18	1 59.35	+ 9 25.6	1.788	2.780	2.4	18.8
10 28	1 51.27	+ 8 32.8	1.789	2.778	2.3	18.8
11 7	1 43.66	+ 7 44.6	1.818	2.777	6.4	19.1
11 17	1 37.36	+ 7 6.2	1.873	2.775	10.2	19.3
11 27	1 33.04	+ 6 41.4	1.953	2.774	13.5	19.5

38443 1999 SM_7 10 23.9 348°.06 6°.3/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 16.09	− 2 48.8	1.813	2.674	13.5	18.0
9 28	2 12.24	− 3 59.3	1.750	2.671	10.5	17.8
10 8	2 6.38	− 5 8.4	1.710	2.667	7.7	17.6
10 18	1 59.14	− 6 9.0	1.696	2.664	6.3	17.6
10 28	1 51.42	− 6 53.9	1.708	2.662	7.5	17.6
11 7	1 44.21	− 7 17.9	1.746	2.659	10.2	17.8
11 17	1 38.36	− 7 19.0	1.808	2.658	13.2	18.0
11 27	1 34.52	− 6 57.4	1.891	2.656	16.0	18.2

36045 1999 RZ_{12} 10 23.9 9°.10 2°.6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 15.23	+ 8 18.8	1.887	2.739	13.5	18.1
9 28	2 11.52	+ 7 14.3	1.817	2.739	10.1	17.9
10 8	2 5.89	+ 6 1.5	1.771	2.740	6.4	17.7
10 18	1 58.95	+ 4 45.7	1.752	2.742	3.0	17.5
10 28	1 51.56	+ 3 33.9	1.760	2.743	3.8	17.6
11 7	1 44.66	+ 2 32.7	1.797	2.745	7.4	17.8
11 17	1 39.07	+ 1 47.3	1.859	2.747	11.0	18.0
11 27	1 35.41	+ 1 20.5	1.944	2.750	14.1	18.2

23672 Swiggum 10 23.9 83°.31 0°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.76	+16 5.6	1.814	2.643	14.9	18.6
9 28	2 14.14	+15 3.3	1.754	2.662	11.3	18.4
10 8	2 7.49	+13 46.2	1.717	2.680	7.2	18.2
10 18	1 59.52	+12 19.0	1.707	2.698	2.7	18.0
10 28	1 51.22	+10 48.8	1.725	2.716	1.9	18.0
11 7	1 43.61	+ 9 23.3	1.772	2.734	6.2	18.3
11 17	1 37.52	+ 8 9.7	1.846	2.751	10.1	18.6
11 27	1 33.53	+ 7 12.8	1.945	2.769	13.4	18.8

52983 1998 UX_{16} 10 23.9 16°.65 23°.9/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 30.04	−37 5.9	0.970	1.774	26.6	16.7
9 28	2 23.99	−38 1.7	0.961	1.783	25.3	16.6
10 8	2 14.02	−38 8.0	0.963	1.795	24.3	16.6
10 18	2 1.90	−37 13.9	0.978	1.808	23.9	16.7
10 28	1 49.85	−35 16.2	1.008	1.824	24.1	16.7
11 7	1 39.86	−32 22.3	1.052	1.842	24.9	16.9
11 17	1 33.12	−28 45.7	1.113	1.861	25.9	17.1
11 27	1 30.09	−24 42.2	1.188	1.882	27.1	17.3

337052 1996 VL_{29} 10 23.9 347°.45 7°.0/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.29	− 0 8.7	1.178	2.064	17.5	19.5
9 28	2 12.66	− 1 13.4	1.117	2.053	13.6	19.3
10 8	2 7.16	− 2 19.6	1.075	2.044	9.5	19.0
10 18	1 59.56	− 3 17.7	1.056	2.035	7.1	18.9
10 28	1 51.16	− 3 57.4	1.060	2.029	8.6	18.9
11 7	1 43.44	− 4 11.2	1.086	2.024	12.4	19.2
11 17	1 37.67	− 3 56.1	1.134	2.020	16.7	19.4
11 27	1 34.73	− 3 13.1	1.199	2.017	20.4	19.6

412502 2014 KY_{36} 10 24.0 248°.02 7°.4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.81	− 6 57.4	2.018	2.866	12.9	21.6
9 28	2 14.96	− 8 14.9	1.945	2.852	10.4	21.4
10 8	2 8.10	− 9 29.0	1.895	2.838	8.2	21.2
10 18	1 59.82	−10 32.0	1.872	2.823	7.4	21.1
10 28	1 50.98	−11 16.9	1.875	2.808	8.5	21.2
11 7	1 42.55	−11 38.8	1.905	2.793	11.0	21.3
11 17	1 35.40	−11 36.0	1.959	2.777	13.7	21.5
11 27	1 30.23	−11 9.0	2.033	2.761	16.2	21.6

389205 2009 DV_{6} 10 24.0 102°.73 5°.2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 25.28	+28 14.7	2.170	2.926	15.1	21.5
9 28	2 19.06	+28 44.0	2.102	2.947	12.4	21.3
10 8	2 10.65	+28 55.4	2.055	2.968	9.5	21.2
10 18	2 0.76	+28 47.2	2.034	2.988	6.7	21.0
10 28	1 50.41	+28 20.3	2.040	3.008	5.2	21.0
11 7	1 40.67	+27 38.9	2.075	3.027	6.3	21.1
11 17	1 32.48	+26 48.9	2.138	3.046	8.8	21.3
11 27	1 26.51	+25 57.3	2.226	3.064	11.4	21.5

381408 2008 HU_{40} 10 24.0 232°.80 0°.0/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.43	+15 55.3	1.759	2.587	15.3	22.1
9 28	2 15.83	+15 3.6	1.670	2.577	11.8	21.9
10 8	2 8.86	+13 54.9	1.604	2.566	7.6	21.6
10 18	2 0.17	+12 32.8	1.564	2.555	2.9	21.3
10 28	1 50.77	+11 3.6	1.552	2.543	2.0	21.2
11 7	1 41.84	+ 9 36.0	1.569	2.531	6.8	21.5
11 17	1 34.43	+ 8 18.3	1.612	2.518	11.3	21.7
11 27	1 29.35	+ 7 17.2	1.679	2.504	15.2	22.0

127159 2002 GA_{140} 10 24.0 265°.57 0°.6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.13	+11 30.8	2.238	3.069	12.4	20.3
9 28	2 13.55	+11 11.4	2.152	3.062	9.4	20.1
10 8	2 7.14	+10 44.0	2.090	3.054	6.0	19.9
10 18	1 59.46	+10 11.0	2.055	3.047	2.2	19.6
10 28	1 51.26	+ 9 36.1	2.049	3.039	1.9	19.6
11 7	1 43.41	+ 9 3.9	2.072	3.032	5.7	19.8
11 17	1 36.72	+ 8 38.4	2.123	3.024	9.2	20.1
11 27	1 31.80	+ 8 23.0	2.198	3.017	12.3	20.2

131019 2000 XC_{31} 10 24.0 248°.14 2°.7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 24.85	+ 4 29.3	1.926	2.764	13.8	19.9
9 28	2 18.95	+ 4 21.0	1.839	2.752	10.5	19.7
10 8	2 10.75	+ 4 10.2	1.776	2.741	6.8	19.4
10 18	2 0.88	+ 4 0.1	1.740	2.729	3.3	19.2
10 28	1 50.30	+ 3 54.8	1.733	2.716	3.8	19.2
11 7	1 40.13	+ 3 58.0	1.755	2.704	7.5	19.4
11 17	1 31.38	+ 4 12.4	1.803	2.691	11.4	19.6
11 27	1 24.83	+ 4 39.5	1.876	2.677	14.8	19.8

217171 2002 QR_{71} 10 24.0 111°.20 4°.0/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 18	2 24.75	+22 47.7	1.566	2.372	17.9	21.2
9 28	2 19.37	+23 3.3	1.496	2.381	14.3	21.0
10 8	2 11.20	+22 59.4	1.447	2.390	10.2	20.8
10 18	2 1.06	+22 35.1	1.421	2.398	6.1	20.5
10 28	1 50.22	+21 52.9	1.422	2.407	4.1	20.4
11 7	1 40.13	+20 59.3	1.450	2.415	6.9	20.6
11 17	1 31.97	+20 2.4	1.504	2.423	11.0	20.9
11 27	1 26.61	+19 10.7	1.582	2.431	14.7	21.1

149755 2004 PE_{18} 10 24.0 62°.25 4°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 20.36	+25 5.2	2.019	2.805	15.1	19.6
9 28	2 15.47	+25 20.3	1.949	2.818	12.2	19.4
10 8	2 8.43	+25 18.2	1.900	2.831	9.0	19.3
10 18	1 59.94	+24 58.3	1.876	2.845	5.8	19.1
10 28	1 50.97	+24 22.6	1.879	2.858	4.2	19.0
11 7	1 42.55	+23 35.7	1.910	2.872	5.9	19.2
11 17	1 35.61	+22 43.9	1.969	2.885	8.9	19.4
11 27	1 30.82	+21 53.9	2.052	2.899	11.9	19.6

63508 2001 OQ_{81} 10 24.0 329°.25 6°.2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 17.38	+27 30.6	1.583	2.381	18.1	18.3
9 28	2 14.15	+28 0.2	1.493	2.365	15.1	18.1
10 8	2 8.16	+28 7.7	1.421	2.350	11.6	17.8
10 18	2 0.01	+27 50.2	1.372	2.335	8.2	17.6
10 28	1 50.86	+27 7.8	1.347	2.321	6.2	17.5
11 7	1 42.11	+26 5.7	1.347	2.308	7.8	17.5
11 17	1 35.08	+24 52.4	1.372	2.296	11.4	17.7
11 27	1 30.78	+23 38.4	1.419	2.285	15.1	17.9

485888 2012 FJ_{42} 10 24.0 209°.48 1°.2/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 19.08	+ 8 21.4	2.737	3.563	10.5	21.8
9 28	2 13.90	+ 8 7.3	2.651	3.558	7.9	21.6
10 8	2 7.20	+ 7 48.8	2.589	3.553	5.0	21.4
10 18	1 59.45	+ 7 28.0	2.557	3.547	2.0	21.2
10 28	1 51.29	+ 7 7.8	2.554	3.542	2.1	21.2
11 7	1 43.44	+ 6 51.5	2.582	3.535	5.1	21.4
11 17	1 36.54	+ 6 41.7	2.639	3.529	8.1	21.6
11 27	1 31.13	+ 6 40.5	2.721	3.522	10.7	21.8

120610 1995 WF_{15} 10 24.0 117°.39 0°.4/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 24.74	+15 36.9	1.406	2.243	18.0	21.2
9 28	2 19.35	+15 9.0	1.345	2.255	13.8	21.0
10 8	2 11.14	+14 24.7	1.304	2.267	8.9	20.8
10 18	2 1.01	+13 27.2	1.288	2.278	3.5	20.5
10 28	1 50.30	+12 23.1	1.298	2.289	2.1	20.4
11 7	1 40.46	+11 20.8	1.335	2.300	7.4	20.8
11 17	1 32.68	+10 28.4	1.398	2.310	12.2	21.1
11 27	1 27.75	+ 9 51.7	1.482	2.319	16.2	21.4

281555 2008 UU_{59} 10 24.0 59°.48 2°.5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 21.36	+20 37.5	1.473	2.297	18.0	20.2
9 28	2 16.62	+20 20.4	1.419	2.318	14.0	20.0
10 8	2 9.30	+19 43.4	1.386	2.339	9.5	19.8
10 18	2 0.27	+18 48.7	1.376	2.361	4.8	19.6
10 28	1 50.82	+17 41.8	1.393	2.383	2.7	19.5
11 7	1 42.27	+16 31.1	1.436	2.404	6.5	19.8
11 17	1 35.66	+15 25.1	1.506	2.426	10.8	20.1
11 27	1 31.67	+14 30.9	1.598	2.448	14.6	20.4

390567 2001 FP_{6} 10 24.0 259°.33 5°.9/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.46	+11 11.3	1.082	1.955	19.7	19.9
9 28	2 15.43	+ 8 5.8	1.010	1.945	14.8	19.6
10 8	2 9.12	+ 4 28.6	0.960	1.934	9.5	19.3
10 18	2 0.39	+ 0 36.4	0.936	1.922	5.9	19.0
10 28	1 50.69	− 3 6.5	0.938	1.911	8.7	19.2
11 7	1 41.77	− 6 16.6	0.966	1.899	14.2	19.4
11 17	1 35.06	− 8 38.6	1.016	1.887	19.5	19.7
11 27	1 31.55	−10 8.3	1.083	1.874	23.9	20.0

202967 1999 TH_{69} 10 24.0 24°.35 1°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 18.99	+16 5.2	1.315	2.164	18.3	19.6
9 28	2 15.20	+16 2.2	1.257	2.173	14.1	19.4
10 8	2 8.61	+15 43.1	1.219	2.183	9.3	19.1
10 18	2 0.08	+15 10.1	1.204	2.193	4.0	18.9
10 28	1 50.94	+14 28.4	1.213	2.205	2.2	18.8
11 7	1 42.60	+13 45.3	1.249	2.218	7.2	19.1
11 17	1 36.25	+13 8.3	1.308	2.231	12.0	19.4
11 27	1 32.68	+12 43.5	1.390	2.245	16.0	19.7

408015 2012 ES_{5} 10 24.0 176°.12 5°.1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 18	2 15.19	− 2 11.9	2.545	3.393	10.5	21.1
9 28	2 11.00	− 3 44.1	2.481	3.394	8.1	21.0
10 8	2 5.36	− 5 16.4	2.442	3.395	6.0	20.9
10 18	1 58.74	− 6 42.7	2.433	3.396	5.1	20.8
10 28	1 51.81	− 7 56.8	2.452	3.396	6.2	20.9
11 7	1 45.23	− 8 54.1	2.500	3.396	8.3	21.0
11 17	1 39.64	− 9 32.0	2.573	3.396	10.6	21.2
11 27	1 35.51	− 9 49.8	2.669	3.396	12.7	21.3