320073 2007 EF_{51} 11 4.9 173°.58 0°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.86	+18 4.9	2.448	3.243	12.4	21.5
10 8	3 1.44	+17 47.7	2.362	3.245	9.7	21.4
10 18	2 55.19	+17 21.9	2.299	3.246	6.5	21.2
10 28	2 47.62	+16 48.9	2.263	3.246	3.0	20.9
11 7	2 39.48	+16 11.6	2.256	3.247	0.7	20.7
11 17	2 31.57	+15 33.4	2.280	3.247	4.3	21.0
11 27	2 24.67	+14 58.4	2.333	3.247	7.7	21.2
12 7	2 19.40	+14 30.5	2.411	3.247	10.7	21.4

362385 2010 NW_{113} 11 4.9 95°.73 2°.7/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.41	+26 50.6	2.097	2.873	14.8	20.4
10 8	3 2.28	+26 30.9	2.014	2.878	12.0	20.2
10 18	2 55.92	+25 54.8	1.952	2.882	8.6	20.0
10 28	2 47.99	+25 2.5	1.915	2.886	5.1	19.8
11 7	2 39.39	+23 56.8	1.906	2.890	2.7	19.7
11 17	2 31.14	+22 42.9	1.926	2.895	4.8	19.8
11 27	2 24.19	+21 27.6	1.975	2.899	8.3	20.1
12 7	2 19.24	+20 17.5	2.049	2.903	11.6	20.3

97691 2000 GL_{31} 11 4.9 250°.20 1°.5/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.79	+12 58.6	2.538	3.348	11.6	20.1
10 8	2 59.79	+12 22.1	2.447	3.340	9.0	19.9
10 18	2 54.08	+11 39.4	2.379	3.332	6.0	19.7
10 28	2 47.13	+10 53.1	2.339	3.323	2.8	19.4
11 7	2 39.62	+10 7.1	2.328	3.315	2.0	19.4
11 17	2 32.27	+ 9 25.1	2.347	3.306	5.0	19.6
11 27	2 25.83	+ 8 51.0	2.395	3.297	8.2	19.8
12 7	2 20.88	+ 8 27.6	2.469	3.288	11.0	19.9

211617 2003 UO_{59} 11 4.9 44°.25 7°.7/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.87	+35 0.0	1.482	2.244	20.6	19.9
10 8	3 6.87	+35 39.5	1.422	2.262	17.4	19.8
10 18	2 59.52	+35 53.7	1.379	2.280	13.8	19.6
10 28	2 49.73	+35 38.4	1.357	2.299	10.2	19.4
11 7	2 38.98	+34 53.7	1.359	2.319	7.9	19.4
11 17	2 28.91	+33 44.5	1.385	2.339	8.3	19.4
11 27	2 20.99	+32 21.0	1.438	2.359	11.0	19.6
12 7	2 16.12	+30 54.6	1.513	2.380	14.2	19.9

154002 2002 AD_{193} 11 4.9 82°.37 3°.8/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.39	+28 18.2	2.132	2.897	15.0	20.1
10 8	3 3.84	+28 30.3	2.053	2.906	12.2	19.9
10 18	2 56.99	+28 27.1	1.995	2.915	9.1	19.7
10 28	2 48.49	+28 7.4	1.962	2.925	5.9	19.6
11 7	2 39.29	+27 32.5	1.956	2.934	3.9	19.5
11 17	2 30.43	+26 45.9	1.979	2.943	5.2	19.6
11 27	2 22.90	+25 53.3	2.030	2.952	8.2	19.8
12 7	2 17.44	+25 1.1	2.107	2.961	11.3	20.0

510311 2011 QN_{63} 11 4.9 95°.55 5°.8/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.48	+31 48.6	1.996	2.738	16.6	21.1
10 8	3 9.56	+32 34.2	1.927	2.759	13.8	20.9
10 18	3 0.92	+33 2.4	1.878	2.779	10.7	20.8
10 28	2 50.29	+33 10.0	1.853	2.799	7.7	20.6
11 7	2 38.85	+32 56.4	1.855	2.819	5.8	20.6
11 17	2 27.86	+32 24.3	1.886	2.838	6.6	20.6
11 27	2 18.54	+31 39.7	1.944	2.857	9.1	20.8
12 7	2 11.72	+30 50.3	2.028	2.875	12.0	21.1

318860 2005 TO_{56} 11 4.9 356°.76 0°.0/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.22	+16 43.7	1.817	2.634	15.3	21.3
10 8	3 2.40	+16 35.9	1.737	2.632	11.9	21.1
10 18	2 56.18	+16 18.8	1.679	2.631	8.0	20.9
10 28	2 48.18	+15 53.9	1.645	2.630	3.6	20.6
11 7	2 39.38	+15 24.7	1.639	2.629	0.9	20.4
11 17	2 30.86	+14 55.2	1.661	2.629	5.5	20.7
11 27	2 23.68	+14 30.6	1.710	2.630	9.7	21.0
12 7	2 18.63	+14 14.9	1.783	2.630	13.3	21.2

78004 2002 JK_{51} 11 4.9 155°.33 0°.3/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.27	+18 14.2	1.806	2.606	16.0	20.2
10 8	3 7.80	+18 0.9	1.729	2.614	12.5	20.0
10 18	2 59.73	+17 36.4	1.674	2.621	8.5	19.8
10 28	2 49.76	+17 2.2	1.644	2.627	3.9	19.5
11 7	2 39.00	+16 21.5	1.643	2.633	0.9	19.3
11 17	2 28.64	+15 39.4	1.671	2.638	5.6	19.7
11 27	2 19.84	+15 1.7	1.727	2.643	9.8	19.9
12 7	2 13.40	+14 33.3	1.807	2.647	13.6	20.2

99033 2001 DQ_{101} 11 4.9 117°.03 2°.6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.23	+23 28.0	2.128	2.902	14.7	19.9
10 8	3 7.43	+23 47.2	2.054	2.918	11.8	19.7
10 18	2 59.30	+23 54.7	2.003	2.934	8.3	19.5
10 28	2 49.53	+23 49.5	1.977	2.950	4.8	19.3
11 7	2 39.07	+23 32.9	1.980	2.965	2.6	19.2
11 17	2 28.99	+23 7.7	2.013	2.980	4.9	19.4
11 27	2 20.31	+22 38.8	2.075	2.994	8.3	19.6
12 7	2 13.75	+22 11.4	2.164	3.008	11.4	19.9

318536 2005 EX_{322} 11 4.9 300°.39 5°.1/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.40	+ 3 18.9	1.686	2.514	15.8	20.0
10 8	3 5.84	+ 3 0.5	1.602	2.501	12.5	19.8
10 18	2 58.62	+ 2 43.8	1.539	2.488	8.9	19.5
10 28	2 49.36	+ 2 33.5	1.501	2.476	5.7	19.3
11 7	2 39.08	+ 2 34.6	1.490	2.463	5.5	19.3
11 17	2 29.01	+ 2 50.4	1.506	2.451	8.7	19.4
11 27	2 20.35	+ 3 22.9	1.548	2.439	12.5	19.6
12 7	2 14.02	+ 4 11.8	1.612	2.427	16.1	19.8

391936 2008 UQ_{354} 11 5.0 111°.29 2°.1/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.49	+11 0.5	1.850	2.665	15.1	20.8
10 8	3 6.19	+10 45.1	1.782	2.677	11.7	20.6
10 18	2 58.51	+10 25.0	1.737	2.689	7.8	20.4
10 28	2 49.18	+10 3.3	1.718	2.701	3.7	20.2
11 7	2 39.18	+ 9 43.5	1.727	2.713	2.5	20.1
11 17	2 29.61	+ 9 29.5	1.765	2.724	6.2	20.4
11 27	2 21.50	+ 9 24.7	1.830	2.735	10.1	20.6
12 7	2 15.56	+ 9 31.2	1.920	2.746	13.4	20.9

370490 2003 RR_{20} 11 5.0 16°.37 3°.6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.83	+20 16.4	0.982	1.829	23.0	20.0
10 8	3 7.11	+21 16.7	0.927	1.834	18.5	19.7
10 18	3 0.30	+22 2.9	0.888	1.841	13.0	19.4
10 28	2 50.32	+22 31.7	0.869	1.849	7.2	19.2
11 7	2 38.88	+22 42.8	0.871	1.859	3.7	19.0
11 17	2 28.09	+22 39.7	0.897	1.870	7.8	19.3
11 27	2 19.87	+22 30.0	0.945	1.883	13.3	19.6
12 7	2 15.39	+22 22.1	1.013	1.896	18.1	20.0

297185 2010 WO_{69} 11 5.0 49°.65 3°.1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.05	+ 7 17.0	1.915	2.737	14.4	20.1
10 8	3 4.20	+ 7 7.4	1.850	2.748	11.2	19.9
10 18	2 57.15	+ 6 56.7	1.807	2.760	7.5	19.7
10 28	2 48.55	+ 6 48.1	1.791	2.772	4.1	19.5
11 7	2 39.35	+ 6 45.0	1.802	2.784	3.5	19.5
11 17	2 30.54	+ 6 50.2	1.842	2.796	6.6	19.8
11 27	2 23.07	+ 7 5.7	1.910	2.809	10.0	20.0
12 7	2 17.62	+ 7 32.4	2.001	2.822	13.2	20.2

449466 2013 ME_{2} 11 5.0 198°.94 3°.9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.21	+ 6 23.3	2.305	3.127	12.3	21.4
10 8	3 0.19	+ 5 24.1	2.228	3.126	9.5	21.2
10 18	2 54.37	+ 4 22.1	2.175	3.125	6.6	21.1
10 28	2 47.29	+ 3 22.1	2.149	3.124	4.2	20.9
11 7	2 39.66	+ 2 29.1	2.152	3.123	4.4	20.9
11 17	2 32.28	+ 1 47.6	2.183	3.121	6.9	21.1
11 27	2 25.90	+ 1 21.1	2.242	3.120	9.8	21.3
12 7	2 21.13	+ 1 10.9	2.325	3.118	12.5	21.4

7501 Farra 11 5.0 8°.35 0°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.65	+16 25.7	2.148	2.960	13.4	17.5
10 8	3 0.00	+16 3.8	2.068	2.961	10.4	17.3
10 18	2 54.37	+15 33.4	2.011	2.963	6.9	17.1
10 28	2 47.32	+14 56.6	1.979	2.964	3.1	16.9
11 7	2 39.66	+14 16.8	1.976	2.966	1.0	16.7
11 17	2 32.26	+13 38.3	2.002	2.969	4.9	17.0
11 27	2 25.97	+13 5.5	2.056	2.972	8.5	17.2
12 7	2 21.43	+12 41.9	2.134	2.975	11.7	17.4

521962 2015 VJ_{159} 11 5.0 337°.59 5°.5/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.84	+ 1 53.4	2.044	2.872	13.4	21.4
10 8	3 0.91	+ 1 0.3	1.972	2.869	10.6	21.2
10 18	2 54.97	+ 0 8.1	1.922	2.867	7.7	21.1
10 28	2 47.60	− 0 37.7	1.898	2.864	5.7	20.9
11 7	2 39.61	− 1 11.5	1.902	2.862	6.0	21.0
11 17	2 31.88	− 1 29.4	1.933	2.860	8.4	21.1
11 27	2 25.29	− 1 28.8	1.990	2.858	11.3	21.3
12 7	2 20.49	− 1 9.9	2.069	2.857	14.0	21.5

42474 1981 EJ_{27} 11 5.0 147°.69 0°.4/ 5.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.90	+18 56.2	1.850	2.647	15.8	20.7
10 8	3 7.42	+18 36.4	1.774	2.657	12.4	20.5
10 18	2 59.43	+18 4.6	1.721	2.667	8.3	20.3
10 28	2 49.63	+17 22.6	1.693	2.676	3.9	20.0
11 7	2 39.11	+16 34.0	1.694	2.685	0.9	19.8
11 17	2 29.01	+15 44.1	1.725	2.692	5.4	20.2
11 27	2 20.45	+14 58.8	1.783	2.699	9.6	20.4
12 7	2 14.19	+14 23.3	1.867	2.705	13.2	20.7

179731 2002 RW_{99} 11 5.0 60°.54 2°.5/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.32	+13 44.3	1.312	2.151	18.8	19.4
10 8	3 5.25	+12 52.2	1.260	2.168	14.5	19.2
10 18	2 58.19	+11 49.4	1.228	2.186	9.5	19.0
10 28	2 49.08	+10 41.7	1.219	2.204	4.4	18.7
11 7	2 39.27	+ 9 36.9	1.236	2.222	3.1	18.7
11 17	2 30.16	+ 8 42.5	1.279	2.241	7.7	19.0
11 27	2 23.00	+ 8 5.1	1.347	2.259	12.3	19.4
12 7	2 18.56	+ 7 47.4	1.436	2.278	16.3	19.7

44179 1998 KJ_{33} 11 5.0 53°.16 1°.9/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.46	+23 8.8	1.268	2.089	20.4	18.5
10 8	3 5.71	+22 47.9	1.212	2.105	16.1	18.3
10 18	2 58.69	+22 6.8	1.174	2.122	11.1	18.1
10 28	2 49.36	+21 7.1	1.158	2.139	5.7	17.8
11 7	2 39.20	+19 54.4	1.168	2.157	2.0	17.6
11 17	2 29.78	+18 37.5	1.203	2.175	6.4	18.0
11 27	2 22.49	+17 26.3	1.264	2.193	11.4	18.3
12 7	2 18.15	+16 28.9	1.346	2.212	15.7	18.6

325571 2009 SF_{127} 11 5.0 15°.99 2°.7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.57	+23 52.5	1.945	2.736	15.3	20.1
10 8	3 2.64	+24 4.7	1.865	2.739	12.3	19.9
10 18	2 56.34	+24 3.8	1.805	2.742	8.8	19.7
10 28	2 48.29	+23 49.2	1.771	2.746	5.0	19.5
11 7	2 39.45	+23 22.6	1.764	2.750	2.7	19.3
11 17	2 30.89	+22 47.6	1.785	2.754	5.1	19.5
11 27	2 23.68	+22 9.5	1.833	2.759	8.7	19.7
12 7	2 18.58	+21 34.0	1.907	2.764	12.1	19.9

179347 2001 XV_{116} 11 5.0 66°.73 3°.6/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.06	+ 5 44.4	2.035	2.853	13.8	19.5
10 8	3 4.18	+ 5 28.7	1.960	2.856	10.7	19.3
10 18	2 57.15	+ 5 12.8	1.909	2.859	7.4	19.1
10 28	2 48.60	+ 5 0.2	1.883	2.861	4.3	18.9
11 7	2 39.38	+ 4 54.4	1.886	2.864	4.0	18.9
11 17	2 30.47	+ 4 58.5	1.918	2.867	6.8	19.1
11 27	2 22.78	+ 5 14.3	1.978	2.870	10.2	19.3
12 7	2 17.01	+ 5 42.4	2.061	2.872	13.2	19.5

517294 2014 HA_{14} 11 5.0 254°.30 0°.9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.82	+15 51.6	1.941	2.752	14.6	22.6
10 8	3 3.61	+15 18.9	1.845	2.738	11.5	22.3
10 18	2 57.02	+14 35.8	1.771	2.724	7.7	22.1
10 28	2 48.64	+13 44.7	1.724	2.709	3.5	21.8
11 7	2 39.35	+12 50.1	1.705	2.694	1.5	21.6
11 17	2 30.23	+11 57.3	1.714	2.679	5.8	21.9
11 27	2 22.35	+11 12.2	1.751	2.663	10.0	22.1
12 7	2 16.52	+10 39.6	1.813	2.647	13.7	22.3

437 Rhodia 11 5.0 50°.07 3°.9/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.83	+27 47.2	1.225	2.033	21.7	13.4
10 8	3 6.81	+27 32.7	1.178	2.059	17.4	13.3
10 18	2 59.37	+26 53.1	1.149	2.086	12.5	13.1
10 28	2 49.62	+25 48.9	1.140	2.114	7.3	12.9
11 7	2 39.18	+24 25.6	1.157	2.142	3.9	12.7
11 17	2 29.69	+22 53.0	1.199	2.170	6.6	13.0
11 27	2 22.53	+21 22.7	1.266	2.198	11.1	13.3
12 7	2 18.45	+20 4.6	1.356	2.227	15.2	13.7

523202 2016 VE_{20} 11 5.0 10°.09 2°.9/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.73	+10 14.1	1.594	2.427	16.3	21.0
10 8	3 3.78	+ 9 46.2	1.522	2.427	12.7	20.8
10 18	2 57.20	+ 9 12.9	1.472	2.428	8.5	20.5
10 28	2 48.70	+ 8 38.4	1.446	2.429	4.3	20.3
11 7	2 39.36	+ 8 7.8	1.446	2.431	3.4	20.3
11 17	2 30.38	+ 7 46.3	1.474	2.433	7.3	20.5
11 27	2 22.94	+ 7 37.9	1.527	2.435	11.5	20.8
12 7	2 17.84	+ 7 44.9	1.603	2.437	15.2	21.0

254418 2004 VG_{32} 11 5.0 260°.70 1°.5/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.59	+12 31.0	2.427	3.236	12.1	21.0
10 8	3 1.33	+12 7.9	2.331	3.224	9.4	20.8
10 18	2 55.22	+11 39.3	2.259	3.211	6.3	20.6
10 28	2 47.74	+11 7.5	2.214	3.198	2.9	20.4
11 7	2 39.59	+10 35.8	2.198	3.185	1.9	20.3
11 17	2 31.58	+10 7.7	2.212	3.172	5.1	20.5
11 27	2 24.52	+ 9 46.9	2.255	3.159	8.5	20.6
12 7	2 19.04	+ 9 35.8	2.323	3.146	11.5	20.8

265488 2005 EQ_{195} 11 5.0 63°.78 1°.8/ 6.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.05	+21 7.9	1.292	2.111	20.2	20.5
10 8	3 8.39	+21 9.5	1.239	2.131	15.9	20.3
10 18	3 0.42	+20 54.8	1.204	2.152	10.9	20.1
10 28	2 50.14	+20 24.4	1.192	2.173	5.5	19.8
11 7	2 39.04	+19 42.3	1.205	2.195	1.9	19.6
11 17	2 28.71	+18 55.1	1.245	2.216	6.4	20.0
11 27	2 20.57	+18 10.8	1.310	2.237	11.3	20.3
12 7	2 15.45	+17 36.4	1.397	2.259	15.5	20.6

387614 2002 EC_{118} 11 5.0 158°.90 3°.4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.09	+26 3.6	1.930	2.706	15.9	21.8
10 8	3 6.23	+26 17.1	1.846	2.709	12.9	21.6
10 18	2 58.79	+26 15.5	1.783	2.712	9.4	21.3
10 28	2 49.42	+25 57.6	1.745	2.714	5.7	21.1
11 7	2 39.18	+25 24.6	1.734	2.717	3.4	21.0
11 17	2 29.25	+24 40.3	1.752	2.719	5.5	21.1
11 27	2 20.78	+23 50.7	1.798	2.721	9.1	21.4
12 7	2 14.62	+23 2.8	1.869	2.722	12.5	21.6

113056 2002 RL_{55} 11 5.0 3°.86 0°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 4.66	+19 33.3	1.574	2.397	17.0	19.6
10 8	3 1.56	+19 0.9	1.499	2.396	13.3	19.3
10 18	2 55.80	+18 13.4	1.444	2.396	9.0	19.1
10 28	2 48.09	+17 13.3	1.413	2.397	4.2	18.8
11 7	2 39.52	+16 6.0	1.408	2.398	1.0	18.6
11 17	2 31.33	+14 58.4	1.430	2.400	5.9	18.9
11 27	2 24.69	+13 58.3	1.479	2.402	10.6	19.2
12 7	2 20.42	+13 11.7	1.550	2.405	14.6	19.5

117516 2005 CJ_{49} 11 5.0 230°.22 1°.7/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.49	+22 3.5	1.912	2.707	15.4	20.2
10 8	3 4.18	+21 57.4	1.825	2.704	12.3	20.0
10 18	2 57.41	+21 37.9	1.759	2.700	8.6	19.8
10 28	2 48.81	+21 5.5	1.717	2.697	4.5	19.5
11 7	2 39.34	+20 22.6	1.704	2.693	1.7	19.3
11 17	2 30.13	+19 33.7	1.719	2.689	5.1	19.6
11 27	2 22.28	+18 45.1	1.762	2.685	9.2	19.8
12 7	2 16.61	+18 2.5	1.830	2.681	12.9	20.0

294719 2008 BB_{32} 11 5.0 342°.47 2°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.46	+10 22.1	1.808	2.637	14.8	20.7
10 8	3 1.74	+ 9 40.2	1.731	2.634	11.5	20.5
10 18	2 55.71	+ 8 52.2	1.676	2.632	7.7	20.3
10 28	2 48.00	+ 8 2.7	1.647	2.630	4.0	20.0
11 7	2 39.55	+ 7 17.1	1.645	2.628	3.5	20.0
11 17	2 31.38	+ 6 40.5	1.670	2.626	7.0	20.2
11 27	2 24.53	+ 6 17.6	1.722	2.624	10.8	20.5
12 7	2 19.71	+ 6 10.7	1.798	2.623	14.2	20.7

434291 2004 BN_{78} 11 5.0 219°.29 3°.2/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.13	+24 50.3	1.745	2.531	17.0	21.8
10 8	3 7.41	+25 2.0	1.655	2.526	13.8	21.6
10 18	2 59.81	+24 58.2	1.586	2.520	10.0	21.4
10 28	2 49.98	+24 37.5	1.541	2.514	5.8	21.1
11 7	2 39.04	+24 1.0	1.522	2.507	3.2	20.9
11 17	2 28.33	+23 12.9	1.532	2.500	5.9	21.1
11 27	2 19.21	+22 20.1	1.569	2.493	10.0	21.3
12 7	2 12.64	+21 30.5	1.630	2.485	14.0	21.5

45949 2001 AS_{23} 11 5.0 145°.72 8°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.82	− 4 39.0	1.919	2.740	14.4	18.8
10 8	3 3.25	− 5 55.2	1.859	2.744	11.8	18.7
10 18	2 56.53	− 7 5.2	1.822	2.748	9.4	18.5
10 28	2 48.31	− 8 1.7	1.810	2.751	8.2	18.5
11 7	2 39.48	− 8 38.1	1.825	2.755	8.7	18.5
11 17	2 31.04	− 8 50.6	1.865	2.758	10.8	18.6
11 27	2 23.89	− 8 38.1	1.930	2.761	13.2	18.8
12 7	2 18.70	− 8 2.4	2.015	2.763	15.6	19.0

482331 2011 UX_{327} 11 5.0 334°.20 2°.4/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.85	+ 8 45.5	1.813	2.632	15.2	20.4
10 8	3 5.97	+ 8 49.6	1.732	2.629	11.8	20.2
10 18	2 58.59	+ 8 52.1	1.673	2.626	8.0	20.0
10 28	2 49.34	+ 8 55.5	1.640	2.623	4.0	19.7
11 7	2 39.21	+ 9 2.4	1.635	2.620	2.9	19.7
11 17	2 29.34	+ 9 15.6	1.658	2.618	6.5	19.9
11 27	2 20.85	+ 9 37.5	1.709	2.616	10.6	20.1
12 7	2 14.56	+10 9.2	1.783	2.614	14.1	20.3

281887 2010 LR_{1} 11 5.0 173°.88 3°.9/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.86	+ 8 58.6	2.057	2.880	13.5	20.8
10 8	3 1.68	+ 7 37.8	1.982	2.881	10.5	20.6
10 18	2 55.46	+ 6 10.9	1.930	2.882	7.1	20.4
10 28	2 47.83	+ 4 43.5	1.905	2.883	4.3	20.3
11 7	2 39.60	+ 3 22.5	1.910	2.884	4.5	20.3
11 17	2 31.69	+ 2 14.2	1.944	2.884	7.4	20.5
11 27	2 24.94	+ 1 23.3	2.004	2.884	10.6	20.7
12 7	2 20.02	+ 0 52.3	2.089	2.884	13.6	20.9

511742 2015 DK_{118} 11 5.0 169°.97 0°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.66	+15 47.6	1.673	2.483	16.7	22.1
10 8	3 8.41	+15 51.1	1.595	2.485	13.1	21.9
10 18	3 0.35	+15 46.0	1.537	2.487	8.8	21.6
10 28	2 50.17	+15 33.6	1.504	2.489	4.0	21.3
11 7	2 39.02	+15 16.5	1.499	2.490	1.0	21.1
11 17	2 28.21	+14 58.7	1.523	2.491	6.0	21.5
11 27	2 19.02	+14 45.0	1.574	2.491	10.6	21.7
12 7	2 12.35	+14 39.6	1.649	2.491	14.5	22.0

75193 1999 VN_{171} 11 5.0 38°.34 0°.3/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.85	+14 34.1	1.061	1.907	21.7	18.2
10 8	3 8.68	+14 53.8	1.016	1.926	16.9	18.0
10 18	3 0.83	+15 4.1	0.988	1.947	11.2	17.7
10 28	2 50.38	+15 6.4	0.982	1.968	5.0	17.5
11 7	2 39.01	+15 4.1	1.000	1.990	1.4	17.3
11 17	2 28.54	+15 1.8	1.042	2.013	7.4	17.7
11 27	2 20.53	+15 4.8	1.108	2.037	12.7	18.1
12 7	2 15.87	+15 17.1	1.195	2.061	17.2	18.5

292299 2006 SD_{144} 11 5.0 254.°74 1.°2/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.34	+16 29.0	1.541	2.365	17.2	20.8
10 8	3 4.55	+15 44.2	1.457	2.357	13.5	20.6
10 18	2 57.91	+14 45.4	1.394	2.349	9.0	20.3
10 28	2 49.11	+13 36.1	1.356	2.341	4.0	20.0
11 7	2 39.28	+12 22.6	1.344	2.333	1.9	19.8
11 17	2 29.76	+11 12.7	1.360	2.325	6.9	20.1
11 27	2 21.84	+10 14.5	1.401	2.316	11.8	20.4
12 7	2 16.44	+ 9 33.6	1.465	2.308	16.0	20.6

353907 2012 XP_{104} 11 5.0 92.°73 6.°7/31.7 18

9 28	3 8.79	− 1 18.2	1.877	2.700	14.6	20.8
10 8	3 4.03	− 2 9.1	1.817	2.708	11.7	20.7
10 18	2 57.05	− 2 55.5	1.778	2.716	8.8	20.5
10 28	2 48.56	− 3 31.3	1.766	2.724	6.9	20.4
11 7	2 39.47	− 3 51.0	1.780	2.732	7.2	20.5
11 17	2 30.79	− 3 51.3	1.821	2.739	9.4	20.6
11 27	2 23.46	− 3 31.1	1.888	2.747	12.3	20.8
12 7	2 18.14	− 2 51.6	1.977	2.754	14.9	21.0

318313 2004 TH_{132} 11 5.0 13.°45 2.°6/ 2.9 18

9 28	3 2.58	+12 49.6	1.771	2.604	14.9	19.6
10 8	2 59.50	+11 48.1	1.701	2.607	11.5	19.3
10 18	2 54.19	+10 37.5	1.653	2.610	7.6	19.1
10 28	2 47.31	+ 9 23.1	1.630	2.615	3.7	18.9
11 7	2 39.78	+ 8 11.3	1.635	2.620	3.2	18.9
11 17	2 32.60	+ 7 8.9	1.668	2.625	6.8	19.1
11 27	2 26.73	+ 6 21.3	1.727	2.631	10.6	19.4
12 7	2 22.84	+ 5 51.7	1.809	2.638	14.0	19.6

42059 2000 YG_{115} 11 5.0 1.°10 3.°4/ 3.3 18

9 28	3 5.90	+ 9 51.7	1.323	2.172	18.1	18.2
10 8	3 2.89	+ 9 25.8	1.256	2.170	14.1	18.0
10 18	2 56.88	+ 8 54.3	1.209	2.169	9.5	17.7
10 28	2 48.66	+ 8 22.2	1.185	2.169	4.8	17.5
11 7	2 39.44	+ 7 55.3	1.185	2.170	3.9	17.4
11 17	2 30.62	+ 7 39.4	1.211	2.172	8.2	17.7
11 27	2 23.56	+ 7 38.9	1.260	2.174	12.9	17.9
12 7	2 19.17	+ 7 55.7	1.331	2.178	17.0	18.2

288467 2004 EF_{103} 11 5.0 176.°58 0.°6/ 4.6 18

9 28	3 7.55	+15 30.5	1.990	2.801	14.3	21.6
10 8	3 3.20	+15 12.2	1.909	2.801	11.2	21.4
10 18	2 56.62	+14 45.4	1.850	2.802	7.4	21.2
10 28	2 48.43	+14 12.5	1.817	2.802	3.3	21.0
11 7	2 39.50	+13 37.0	1.812	2.802	1.2	20.8
11 17	2 30.85	+13 3.1	1.836	2.802	5.4	21.1
11 27	2 23.46	+12 35.5	1.888	2.802	9.3	21.3
12 7	2 18.04	+12 17.7	1.964	2.802	12.7	21.6

149065 2002 CV_{68} 11 5.0 62.°34 1.°7/ 3.8 18

9 28	3 6.35	+12 40.3	2.041	2.858	13.8	20.1
10 8	3 2.13	+12 13.9	1.965	2.862	10.7	19.9
10 18	2 55.83	+11 41.2	1.912	2.866	7.1	19.7
10 28	2 48.03	+11 5.3	1.886	2.870	3.3	19.5
11 7	2 39.61	+10 30.1	1.887	2.874	2.1	19.4
11 17	2 31.48	+ 9 59.9	1.918	2.879	5.7	19.7
11 27	2 24.56	+ 9 38.5	1.976	2.883	9.3	19.9
12 7	2 19.50	+ 9 28.7	2.058	2.887	12.5	20.1

116482 2004 BX_{6} 11 5.0 129.°65 1.°2/ 4.3 18

9 28	3 8.69	+13 43.1	1.930	2.743	14.6	20.1
10 8	3 4.13	+13 28.4	1.851	2.746	11.3	19.9
10 18	2 57.26	+13 6.9	1.795	2.748	7.5	19.7
10 28	2 48.73	+12 40.9	1.765	2.750	3.4	19.5
11 7	2 39.46	+12 13.9	1.763	2.752	1.7	19.3
11 17	2 30.48	+11 50.0	1.790	2.754	5.7	19.6
11 27	2 22.82	+11 33.3	1.844	2.756	9.6	19.9
12 7	2 17.21	+11 26.9	1.923	2.758	13.1	20.1

149606 2004 DQ_{28} 11 5.0 128.°32 5.°8/31.0 18

9 28	3 6.86	− 0 12.3	2.302	3.118	12.4	20.7
10 8	3 2.11	− 1 20.8	2.243	3.131	9.9	20.6
10 18	2 55.58	− 2 26.7	2.207	3.143	7.4	20.4
10 28	2 47.86	− 3 24.5	2.199	3.155	5.9	20.4
11 7	2 39.69	− 4 9.0	2.220	3.167	6.3	20.4
11 17	2 31.87	− 4 36.5	2.268	3.178	8.3	20.6
11 27	2 25.14	− 4 45.2	2.343	3.188	10.7	20.7
12 7	2 20.05	− 4 35.3	2.441	3.199	12.9	20.9

438326 2006 KN_{50} 11 5.0 74.°37 1.°7/ 4.0 18

9 28	3 10.08	+12 48.8	1.722	2.542	15.8	21.2
10 8	3 5.25	+12 28.6	1.661	2.559	12.2	21.0
10 18	2 57.98	+12 1.8	1.621	2.575	8.1	20.8
10 28	2 49.01	+11 31.6	1.607	2.592	3.7	20.5
11 7	2 39.42	+11 2.1	1.621	2.609	2.2	20.5
11 17	2 30.32	+10 37.9	1.663	2.626	6.2	20.8
11 27	2 22.77	+10 23.0	1.732	2.643	10.2	21.1
12 7	2 17.46	+10 20.0	1.825	2.659	13.7	21.3

326300 1998 TL_{14} 11 5.0 352.°66 1.°4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 3.60	+14 38.7	1.973	2.794	14.1	20.9
10 8	3 0.16	+14 0.0	1.892	2.791	10.9	20.7
10 18	2 54.61	+13 12.4	1.834	2.789	7.2	20.5
10 28	2 47.52	+12 19.2	1.802	2.787	3.3	20.2
11 7	2 39.76	+11 25.1	1.798	2.786	1.9	20.1
11 17	2 32.27	+10 35.4	1.822	2.785	5.7	20.4
11 27	2 25.96	+ 9 55.2	1.873	2.784	9.5	20.6
12 7	2 21.53	+ 9 28.1	1.949	2.784	12.9	20.8

231898 2000 WX_{147} 11 5.0 23.°93 2.°5/ 3.8 18

9 28	3 6.48	+11 51.5	1.143	1.998	19.9	18.5
10 8	3 3.53	+11 32.7	1.094	2.011	15.4	18.3
10 18	2 57.33	+11 6.4	1.063	2.024	10.2	18.0
10 28	2 48.83	+10 37.3	1.054	2.040	4.8	17.8
11 7	2 39.47	+10 11.4	1.069	2.056	3.1	17.7
11 17	2 30.80	+ 9 54.5	1.108	2.074	8.0	18.1
11 27	2 24.20	+ 9 51.4	1.171	2.093	12.9	18.4
12 7	2 20.49	+10 4.2	1.254	2.113	17.1	18.7

212521 2006 RK_{43} 11 5.0 150.°11 2.°2/ 6.6 18

9 28	3 10.85	+22 45.5	2.233	3.011	14.0	20.7
10 8	3 5.63	+22 59.8	2.149	3.017	11.2	20.6
10 18	2 58.19	+23 3.3	2.088	3.022	7.9	20.4
10 28	2 49.15	+22 55.3	2.052	3.027	4.4	20.2
11 7	2 39.37	+22 37.2	2.045	3.032	2.2	20.0
11 17	2 29.86	+22 11.6	2.069	3.036	4.6	20.2
11 27	2 21.58	+21 43.2	2.121	3.040	8.1	20.4
12 7	2 15.25	+21 16.6	2.199	3.044	11.2	20.6

278115 2007 CR_{1} 11 5.0 228.°84 1.°2/ 4.2 18

9 28	3 9.90	+14 42.4	1.821	2.634	15.4	21.9
10 8	3 5.34	+14 14.9	1.732	2.626	12.0	21.6
10 18	2 58.25	+13 38.0	1.665	2.618	8.0	21.4
10 28	2 49.26	+12 54.4	1.624	2.609	3.6	21.1
11 7	2 39.34	+12 8.5	1.611	2.600	1.8	20.9
11 17	2 29.64	+11 25.6	1.626	2.590	6.2	21.2
11 27	2 21.32	+10 51.3	1.669	2.580	10.5	21.4
12 7	2 15.21	+10 29.8	1.736	2.569	14.3	21.7

325982 2010 VX_{172} 11 5.0 334.°78 0.°3/ 4.8 17

9 28	3 5.48	+16 37.7	1.984	2.796	14.3	21.5
10 8	3 1.68	+16 19.7	1.899	2.792	11.2	21.3
10 18	2 55.66	+15 52.3	1.837	2.789	7.5	21.1
10 28	2 48.03	+15 17.7	1.800	2.785	3.4	20.8
11 7	2 39.65	+14 39.3	1.791	2.782	1.0	20.6
11 17	2 31.50	+14 1.5	1.811	2.778	5.2	20.9
11 27	2 24.57	+13 29.2	1.858	2.776	9.2	21.2
12 7	2 19.58	+13 6.5	1.930	2.773	12.7	21.4

273789 2007 FO_{4} 11 5.0 92.°43 6.°0/ 8.9 18

9 28	3 19.81	+31 14.0	1.886	2.627	17.4	21.2
10 8	3 13.06	+32 11.2	1.823	2.654	14.5	21.0
10 18	3 3.35	+32 50.8	1.780	2.681	11.2	20.9
10 28	2 51.51	+33 8.8	1.762	2.708	8.0	20.8
11 7	2 38.82	+33 4.0	1.771	2.734	6.1	20.7
11 17	2 26.69	+32 39.0	1.808	2.759	6.9	20.8
11 27	2 16.44	+32 0.2	1.873	2.784	9.5	21.0
12 7	2 8.93	+31 15.9	1.964	2.808	12.4	21.2

387620 2002 GC_{141} 11 5.0 222.°04 0.°8/ 4.4 18

9 28	3 8.32	+16 16.7	2.127	2.930	13.8	22.3
10 8	3 3.75	+15 41.5	2.033	2.922	10.8	22.0
10 18	2 56.99	+14 56.4	1.963	2.913	7.2	21.8
10 28	2 48.63	+14 3.7	1.919	2.903	3.2	21.5
11 7	2 39.51	+13 7.5	1.904	2.893	1.3	21.4
11 17	2 30.58	+12 13.0	1.919	2.883	5.3	21.7
11 27	2 22.82	+11 25.5	1.962	2.872	9.2	21.9
12 7	2 16.95	+10 49.3	2.030	2.860	12.7	22.1

320014 2007 DP_{54} 11 5.0 100.°05 0.°0/ 4.9 18

9 28	3 6.79	+17 40.5	2.342	3.140	12.8	21.5
10 8	3 2.17	+17 19.7	2.270	3.154	10.0	21.3
10 18	2 55.70	+16 50.2	2.221	3.168	6.7	21.1
10 28	2 47.94	+16 14.0	2.198	3.182	3.0	20.9
11 7	2 39.69	+15 34.2	2.206	3.196	0.7	20.8
11 17	2 31.77	+14 54.6	2.243	3.209	4.4	21.1
11 27	2 24.96	+14 19.3	2.308	3.223	7.8	21.3
12 7	2 19.85	+13 51.9	2.400	3.236	10.7	21.5

410620 2008 PG_{11} 11 5.0 99.°14 5.°6/10.6 18

9 28	3 10.35	+35 56.4	2.571	3.281	14.0	21.2
10 8	3 5.12	+36 20.3	2.494	3.299	11.8	21.1
10 18	2 57.77	+36 27.5	2.438	3.317	9.5	21.0
10 28	2 48.91	+36 15.7	2.406	3.335	7.2	20.8
11 7	2 39.45	+35 45.2	2.402	3.352	5.7	20.8
11 17	2 30.34	+34 58.3	2.426	3.369	6.0	20.8
11 27	2 22.51	+34 0.2	2.478	3.385	7.7	21.0
12 7	2 16.60	+32 57.2	2.557	3.402	9.9	21.1

271994 2005 CV_{31} 11 5.0 311°.87 3°.8/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 3.97	+ 6 41.6	2.110	2.936	13.1	20.5
10 8	3 0.35	+ 5 59.8	2.021	2.922	10.2	20.3
10 18	2 54.73	+ 5 15.1	1.956	2.908	7.1	20.1
10 28	2 47.61	+ 4 32.0	1.917	2.895	4.3	19.9
11 7	2 39.79	+ 3 55.3	1.906	2.882	4.3	19.9
11 17	2 32.12	+ 3 29.4	1.923	2.869	7.1	20.0
11 27	2 25.49	+ 3 17.7	1.967	2.856	10.4	20.2
12 7	2 20.60	+ 3 21.8	2.034	2.843	13.4	20.4

138459 2000 JQ_{31} 11 5.0 116°.93 0°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.66	+17 15.2	2.157	2.955	13.8	20.0
10 8	3 4.60	+17 9.6	2.083	2.966	10.8	19.8
10 18	2 57.43	+16 55.6	2.031	2.978	7.2	19.6
10 28	2 48.78	+16 34.7	2.005	2.989	3.3	19.4
11 7	2 39.52	+16 9.3	2.009	3.000	0.8	19.2
11 17	2 30.60	+15 43.0	2.043	3.010	4.7	19.5
11 27	2 22.91	+15 19.9	2.105	3.020	8.4	19.8
12 7	2 17.13	+15 3.5	2.193	3.030	11.5	20.0

149556 2003 LJ_{2} 11 5.0 168°.09 0°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.84	+15 58.7	2.556	3.353	11.9	21.5
10 8	3 2.14	+15 37.8	2.471	3.356	9.3	21.3
10 18	2 55.68	+15 9.9	2.410	3.359	6.2	21.1
10 28	2 47.97	+14 36.6	2.377	3.361	2.8	20.9
11 7	2 39.73	+14 0.9	2.374	3.363	0.9	20.8
11 17	2 31.71	+13 26.1	2.400	3.365	4.4	21.0
11 27	2 24.68	+12 55.9	2.457	3.367	7.6	21.2
12 7	2 19.20	+12 33.5	2.539	3.368	10.5	21.4

166932 2003 HT_{10} 11 5.0 116°.36 2°.0/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.80	+14 40.1	1.467	2.291	17.9	20.8
10 8	3 7.06	+13 50.5	1.403	2.304	13.8	20.5
10 18	2 59.43	+12 49.4	1.361	2.316	9.2	20.3
10 28	2 49.77	+11 41.6	1.342	2.327	4.2	20.0
11 7	2 39.32	+10 34.1	1.351	2.338	2.6	20.0
11 17	2 29.46	+ 9 34.2	1.387	2.349	7.2	20.3
11 27	2 21.43	+ 8 48.9	1.449	2.360	11.8	20.6
12 7	2 16.03	+ 8 21.9	1.534	2.369	15.7	20.9

65266 2002 GL_{20} 11 5.0 141°.17 1°.8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.58	+21 44.1	2.685	3.455	12.1	19.8
10 8	3 5.02	+22 4.7	2.600	3.463	9.6	19.6
10 18	2 57.61	+22 16.8	2.539	3.472	6.7	19.4
10 28	2 48.87	+22 20.0	2.505	3.480	3.7	19.3
11 7	2 39.53	+22 15.3	2.501	3.488	1.8	19.1
11 17	2 30.40	+22 4.4	2.528	3.495	4.0	19.3
11 27	2 22.29	+21 50.6	2.586	3.502	7.0	19.5
12 7	2 15.80	+21 37.4	2.670	3.509	9.7	19.7

64789 2001 XL_{202} 11 5.0 216°.80 3°.2/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.69	+10 42.2	1.601	2.425	16.6	19.4
10 8	3 7.01	+ 9 57.6	1.519	2.419	13.0	19.2
10 18	2 59.52	+ 9 5.3	1.458	2.413	8.8	18.9
10 28	2 49.90	+ 8 10.1	1.423	2.405	4.5	18.7
11 7	2 39.27	+ 7 18.1	1.414	2.398	3.8	18.6
11 17	2 28.93	+ 6 36.0	1.434	2.389	7.9	18.8
11 27	2 20.16	+ 6 9.4	1.479	2.380	12.3	19.1
12 7	2 13.88	+ 6 1.1	1.547	2.371	16.2	19.3

191189 2002 OP_{16} 11 5.0 45°.48 3°.1/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.27	+28 6.4	2.103	2.875	14.9	19.8
10 8	3 1.42	+27 48.7	2.027	2.887	12.1	19.7
10 18	2 55.41	+27 14.2	1.972	2.898	8.8	19.5
10 28	2 47.89	+26 22.9	1.942	2.910	5.4	19.3
11 7	2 39.78	+25 18.0	1.939	2.922	3.1	19.2
11 17	2 32.05	+24 4.2	1.966	2.934	4.8	19.3
11 27	2 25.63	+22 48.5	2.021	2.946	8.0	19.5
12 7	2 21.16	+21 37.4	2.102	2.959	11.2	19.8

167265 2003 UH_{129} 11 5.0 118°.50 5°.0/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.14	+33 14.8	2.062	2.803	16.1	20.4
10 8	3 6.12	+33 10.5	1.984	2.817	13.4	20.2
10 18	2 58.61	+32 45.9	1.926	2.830	10.3	20.0
10 28	2 49.36	+31 59.5	1.892	2.842	7.2	19.9
11 7	2 39.43	+30 53.0	1.885	2.855	5.1	19.8
11 17	2 29.98	+29 31.1	1.907	2.866	5.9	19.9
11 27	2 22.07	+28 1.7	1.957	2.878	8.6	20.0
12 7	2 16.44	+26 33.3	2.034	2.889	11.6	20.3

335347 2005 SW_{46} 11 5.0 321°.19 1°.7/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.40	+20 38.2	1.348	2.175	19.0	20.9
10 8	3 3.73	+20 40.3	1.261	2.160	15.2	20.6
10 18	2 57.82	+20 26.7	1.194	2.145	10.6	20.3
10 28	2 49.30	+19 57.4	1.148	2.131	5.4	20.0
11 7	2 39.40	+19 15.3	1.127	2.117	1.8	19.7
11 17	2 29.66	+18 26.2	1.131	2.104	6.6	20.0
11 27	2 21.67	+17 38.6	1.160	2.091	12.0	20.3
12 7	2 16.59	+17 0.5	1.211	2.080	16.8	20.5

361804 2008 CD_{25} 11 5.1 239°.20 1°.8/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.06	+12 3.7	2.217	3.029	13.0	21.4
10 8	3 2.66	+11 35.8	2.127	3.020	10.1	21.2
10 18	2 56.23	+11 2.1	2.059	3.012	6.7	21.0
10 28	2 48.31	+10 25.4	2.019	3.003	3.2	20.7
11 7	2 39.68	+ 9 49.3	2.007	2.994	2.3	20.7
11 17	2 31.23	+ 9 18.1	2.025	2.984	5.6	20.9
11 27	2 23.85	+ 8 55.5	2.071	2.975	9.2	21.1
12 7	2 18.22	+ 8 44.4	2.142	2.965	12.3	21.3

301664 2010 ET_{133} 11 5.1 96°.43 3°.5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.18	+26 1.9	1.916	2.691	16.1	21.3
10 8	3 6.99	+26 20.5	1.845	2.706	13.0	21.2
10 18	2 59.25	+26 24.2	1.794	2.721	9.4	21.0
10 28	2 49.68	+26 11.9	1.768	2.736	5.8	20.8
11 7	2 39.36	+25 44.8	1.769	2.751	3.5	20.7
11 17	2 29.46	+25 6.4	1.800	2.766	5.4	20.8
11 27	2 21.11	+24 22.9	1.858	2.780	8.9	21.1
12 7	2 15.08	+23 40.7	1.941	2.794	12.2	21.3

236563 2006 HL_{78} 11 5.1 19°.00 1°.2/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.45	+15 49.1	1.534	2.363	17.0	20.1
10 8	3 2.97	+15 13.0	1.463	2.365	13.2	19.9
10 18	2 56.78	+14 25.1	1.412	2.368	8.8	19.6
10 28	2 48.62	+13 29.2	1.385	2.371	3.9	19.3
11 7	2 39.62	+12 30.8	1.385	2.374	1.8	19.2
11 17	2 31.01	+11 36.9	1.412	2.378	6.6	19.5
11 27	2 24.01	+10 54.0	1.464	2.382	11.1	19.8
12 7	2 19.42	+10 26.7	1.540	2.387	15.1	20.1

99000 2001 DU_{48} 11 5.1 145°.33 2°.4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.13	+23 32.5	2.378	3.152	13.3	19.7
10 8	3 4.23	+23 51.5	2.291	3.155	10.7	19.6
10 18	2 57.26	+23 59.9	2.226	3.158	7.6	19.4
10 28	2 48.77	+23 57.2	2.188	3.160	4.4	19.2
11 7	2 39.57	+23 44.3	2.178	3.163	2.4	19.1
11 17	2 30.58	+23 23.4	2.198	3.165	4.5	19.2
11 27	2 22.70	+22 58.6	2.247	3.167	7.7	19.4
12 7	2 16.64	+22 34.5	2.322	3.169	10.6	19.6

356120 2009 FX_{31} 11 5.1 288°.79 5°.2/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.73	+ 6 57.3	1.808	2.642	14.6	21.0
10 8	3 1.37	+ 5 31.0	1.715	2.620	11.5	20.8
10 18	2 55.66	+ 3 57.1	1.646	2.598	8.1	20.5
10 28	2 48.14	+ 2 22.6	1.602	2.576	5.5	20.3
11 7	2 39.71	+ 0 55.8	1.586	2.554	6.0	20.3
11 17	2 31.41	− 0 15.3	1.597	2.532	9.1	20.4
11 27	2 24.31	− 1 4.6	1.633	2.510	12.8	20.6
12 7	2 19.24	− 1 29.4	1.692	2.488	16.2	20.8

100703 1998 AL_{3} 11 5.1 329°.74 6°.3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.46	+ 2 48.5	1.552	2.397	16.1	19.1
10 8	3 1.48	+ 1 57.6	1.471	2.379	12.8	18.9
10 18	2 55.89	+ 1 6.4	1.412	2.363	9.3	18.6
10 28	2 48.28	+ 0 21.8	1.376	2.347	6.7	18.4
11 7	2 39.68	− 0 8.9	1.365	2.332	7.0	18.4
11 17	2 31.28	− 0 20.0	1.380	2.318	10.0	18.6
11 27	2 24.27	− 0 8.4	1.419	2.305	13.8	18.8
12 7	2 19.56	+ 0 26.0	1.478	2.293	17.3	19.0

262002 2006 QE_{57} 11 5.1 306°.38 0°.2/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.85	+15 30.3	4.231	5.023	7.6	20.7
10 8	2 55.39	+15 19.5	4.136	5.019	5.9	20.6
10 18	2 50.93	+15 4.7	4.067	5.014	3.9	20.4
10 28	2 45.78	+14 47.2	4.026	5.010	1.8	20.2
11 7	2 40.32	+14 28.3	4.015	5.005	0.5	20.1
11 17	2 34.95	+14 9.8	4.035	5.000	2.7	20.3
11 27	2 30.08	+13 53.5	4.086	4.996	4.8	20.5
12 7	2 26.05	+13 41.1	4.164	4.992	6.7	20.6

360960 2005 UY_{115} 11 5.1 68°.84 0°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.46	+18 2.4	1.971	2.778	14.6	21.3
10 8	3 2.29	+17 31.1	1.901	2.791	11.3	21.1
10 18	2 55.97	+16 49.0	1.854	2.804	7.5	20.9
10 28	2 48.15	+15 58.7	1.832	2.817	3.4	20.7
11 7	2 39.76	+15 4.5	1.839	2.830	0.9	20.5
11 17	2 31.76	+14 11.4	1.875	2.843	5.1	20.9
11 27	2 25.06	+13 24.9	1.939	2.856	8.9	21.1
12 7	2 20.32	+12 49.3	2.028	2.869	12.2	21.4

211801 2004 CW_{122} 11 5.1 45°.21 3°.8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.22	+ 8 23.6	1.771	2.602	15.0	20.4
10 8	3 2.31	+ 7 32.0	1.703	2.607	11.6	20.1
10 18	2 56.10	+ 6 35.9	1.657	2.612	7.9	19.9
10 28	2 48.26	+ 5 40.8	1.637	2.617	4.5	19.8
11 7	2 39.75	+ 4 52.6	1.644	2.622	4.4	19.8
11 17	2 31.61	+ 4 16.5	1.678	2.628	7.6	20.0
11 27	2 24.82	+ 3 56.7	1.739	2.633	11.2	20.2
12 7	2 20.11	+ 3 54.7	1.822	2.639	14.4	20.4

360442 2002 KR_8 11 5.1 75°.11 1°.3/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.64	+16 37.7	2.256	3.061	13.0	20.1
10 8	3 1.22	+15 19.6	2.194	3.084	10.0	19.9
10 18	2 55.01	+13 51.7	2.156	3.108	6.5	19.7
10 28	2 47.64	+12 18.5	2.147	3.131	2.9	19.5
11 7	2 39.91	+10 45.7	2.167	3.154	1.9	19.5
11 17	2 32.61	+ 9 19.5	2.218	3.177	5.2	19.8
11 27	2 26.48	+ 8 5.5	2.299	3.200	8.5	20.0
12 7	2 22.03	+ 7 6.9	2.405	3.223	11.3	20.2

174104 2002 JP_{45} 11 5.1 83°.37 0°.9/ 5.6 15

9 28	3 12.40	+21 30.2	1.433	2.243	18.9	20.5
10 8	3 7.56	+20 54.1	1.376	2.265	14.8	20.3
10 18	2 59.74	+20 0.4	1.339	2.287	10.1	20.1
10 28	2 49.90	+18 52.1	1.327	2.309	4.8	19.8
11 7	2 39.38	+17 35.0	1.341	2.331	1.1	19.6
11 17	2 29.61	+16 17.5	1.382	2.352	6.1	20.0
11 27	2 21.83	+15 8.2	1.450	2.373	10.8	20.4
12 7	2 16.78	+14 13.8	1.542	2.394	14.8	20.7

21420 1998 FL_{74} 11 5.1 92°.96 3°.3/ 7.0 18

9 28	3 15.82	+24 32.5	1.528	2.319	18.8	19.2
10 8	3 10.31	+24 50.3	1.467	2.339	15.1	19.0
10 18	3 1.68	+24 51.3	1.424	2.359	10.8	18.8
10 28	2 50.84	+24 34.4	1.406	2.379	6.2	18.6
11 7	2 39.15	+24 1.2	1.414	2.399	3.3	18.5
11 17	2 28.11	+23 17.0	1.449	2.418	6.1	18.7
11 27	2 19.09	+22 29.4	1.512	2.436	10.3	19.0
12 7	2 12.92	+21 46.1	1.598	2.455	14.1	19.3

400336 2007 UZ_{52} 11 5.1 139°.09 0°.6/ 5.4 18

9 28	3 12.84	+16 53.7	2.006	2.803	14.7	21.2
10 8	3 7.36	+17 11.5	1.926	2.808	11.6	21.0
10 18	2 59.48	+17 22.0	1.868	2.814	7.8	20.8
10 28	2 49.83	+17 25.4	1.836	2.819	3.7	20.5
11 7	2 39.37	+17 23.3	1.833	2.823	0.9	20.3
11 17	2 29.20	+17 18.1	1.860	2.828	5.0	20.6
11 27	2 20.37	+17 13.5	1.915	2.832	9.0	20.9
12 7	2 13.67	+17 13.2	1.996	2.836	12.4	21.1

45079 1999 XZ_{41} 11 5.1 7°.59 2°.5/ 7.0 18

9 28	3 5.13	+26 27.4	1.558	2.359	18.0	17.5
10 8	3 2.11	+25 48.5	1.480	2.360	14.5	17.2
10 18	2 56.30	+24 47.0	1.421	2.361	10.3	17.0
10 28	2 48.44	+23 24.1	1.385	2.362	5.7	16.7
11 7	2 39.72	+21 44.9	1.376	2.364	2.5	16.5
11 17	2 31.44	+19 58.1	1.394	2.366	5.7	16.7
11 27	2 24.82	+18 14.4	1.439	2.369	10.3	17.0
12 7	2 20.70	+16 43.3	1.509	2.372	14.4	17.3

116026 2003 WP_{88} 11 5.1 159°.15 1°.7/ 6.1 18

9 28	3 12.91	+21 48.6	1.723	2.518	16.9	20.2
10 8	3 7.84	+21 42.3	1.644	2.523	13.4	20.0
10 18	3 0.00	+21 21.6	1.586	2.528	9.3	19.7
10 28	2 50.11	+20 46.9	1.553	2.532	4.8	19.5
11 7	2 39.32	+20 1.1	1.547	2.536	1.7	19.3
11 17	2 28.92	+19 9.3	1.570	2.539	5.6	19.6
11 27	2 20.16	+18 18.5	1.620	2.542	9.9	19.8
12 7	2 13.89	+17 35.2	1.695	2.544	13.8	20.1

471531 2012 HM_{27} 11 5.1 155°.93 1°.1/ 4.4 16

9 28	3 14.28	+13 52.1	1.897	2.700	15.2	22.5
10 8	3 8.48	+13 39.0	1.821	2.709	11.8	22.3
10 18	3 0.20	+13 19.0	1.767	2.717	7.9	22.1
10 28	2 50.14	+12 54.0	1.739	2.724	3.6	21.8
11 7	2 39.33	+12 27.5	1.741	2.730	1.6	21.7
11 17	2 28.89	+12 3.6	1.772	2.735	5.8	22.0
11 27	2 19.92	+11 46.6	1.831	2.740	9.8	22.2
12 7	2 13.18	+11 39.6	1.916	2.744	13.4	22.5

516040 2015 TS_{106} 11 5.1 100°.16 2°.7/ 3.0 18

9 28	3 6.83	+ 8 49.4	2.220	3.036	12.9	21.2
10 8	3 2.32	+ 8 21.6	2.147	3.042	9.9	21.0
10 18	2 55.90	+ 7 50.9	2.097	3.049	6.7	20.8
10 28	2 48.13	+ 7 20.6	2.074	3.055	3.6	20.7
11 7	2 39.81	+ 6 54.3	2.080	3.062	3.1	20.6
11 17	2 31.78	+ 6 35.7	2.115	3.068	6.0	20.8
11 27	2 24.86	+ 6 27.6	2.178	3.074	9.2	21.0
12 7	2 19.65	+ 6 31.5	2.266	3.080	12.0	21.2

404059 2012 DD_{27} 11 5.1 334°.45 6°.7/ 9.9 17

9 28	3 8.38	+33 58.4	1.911	2.659	17.0	21.0
10 8	3 4.62	+34 39.9	1.820	2.652	14.5	20.8
10 18	2 58.07	+35 2.7	1.749	2.646	11.6	20.6
10 28	2 49.34	+35 2.9	1.700	2.640	8.7	20.5
11 7	2 39.49	+34 39.3	1.676	2.634	6.9	20.3
11 17	2 29.84	+33 54.1	1.678	2.629	7.4	20.4
11 27	2 21.68	+32 53.5	1.707	2.624	9.9	20.5
12 7	2 15.99	+31 46.1	1.761	2.620	12.9	20.7

365527 2010 RM_{142} 11 5.1 238°.69 0°.2/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.01	+19 15.6	2.141	2.942	13.8	21.4
10 8	3 1.97	+18 46.1	2.053	2.938	10.8	21.2
10 18	2 55.83	+18 5.1	1.986	2.934	7.3	21.0
10 28	2 48.16	+17 14.4	1.946	2.930	3.4	20.7
11 7	2 39.80	+16 17.8	1.935	2.926	0.8	20.5
11 17	2 31.68	+15 20.1	1.953	2.921	4.8	20.8
11 27	2 24.71	+14 26.9	1.999	2.917	8.6	21.0
12 7	2 19.58	+13 43.0	2.071	2.912	12.0	21.2

405133 2002 LB_{15} 11 5.1 118°.83 4°.7/10.3 17

9 28	3 7.80	+35 25.2	2.531	3.251	14.0	20.5
10 8	3 3.14	+35 6.0	2.444	3.260	11.7	20.3
10 18	2 56.45	+34 27.8	2.377	3.268	9.2	20.2
10 28	2 48.38	+33 29.7	2.335	3.276	6.6	20.0
11 7	2 39.77	+32 13.5	2.321	3.284	4.8	19.9
11 17	2 31.55	+30 43.5	2.336	3.292	5.2	20.0
11 27	2 24.57	+29 6.1	2.382	3.300	7.4	20.1
12 7	2 19.44	+27 28.7	2.455	3.307	9.9	20.3

197226 2003 WW_{39} 11 5.1 55°.79 2°.5/ 7.2 18

9 28	3 5.67	+25 24.8	2.326	3.101	13.6	20.1
10 8	3 1.60	+25 18.3	2.241	3.105	10.9	19.9
10 18	2 55.51	+24 58.5	2.177	3.108	7.8	19.7
10 28	2 48.00	+24 25.5	2.140	3.112	4.6	19.5
11 7	2 39.86	+23 41.5	2.131	3.116	2.5	19.4
11 17	2 31.98	+22 50.0	2.151	3.119	4.4	19.5
11 27	2 25.23	+21 56.5	2.200	3.123	7.6	19.7
12 7	2 20.25	+21 6.1	2.275	3.127	10.6	19.9

394284 2006 UF_{284} 11 5.1 23°.84 0°.4/ 5.4 15

9 28	3 3.48	+20 36.7	1.353	2.185	18.7	20.5
10 8	3 0.92	+19 55.9	1.296	2.198	14.6	20.3
10 18	2 55.49	+18 57.5	1.258	2.212	9.8	20.1
10 28	2 48.07	+17 45.0	1.242	2.227	4.6	19.8
11 7	2 39.89	+16 25.5	1.253	2.243	1.0	19.6
11 17	2 32.30	+15 7.5	1.289	2.260	6.2	20.0
11 27	2 26.48	+13 59.7	1.351	2.279	11.0	20.3
12 7	2 23.20	+13 8.4	1.435	2.298	15.0	20.6

236419 2006 DH_{94} 11 5.1 236°.18 0°.8/ 4.5 18

9 28	3 8.52	+15 45.6	1.837	2.650	15.2	21.4
10 8	3 4.27	+15 20.3	1.752	2.645	11.9	21.2
10 18	2 57.56	+14 45.1	1.688	2.640	8.0	20.9
10 28	2 49.03	+14 2.6	1.650	2.635	3.6	20.6
11 7	2 39.64	+13 16.8	1.640	2.629	1.4	20.5
11 17	2 30.50	+12 33.0	1.658	2.623	5.8	20.8
11 27	2 22.71	+11 56.7	1.703	2.618	10.1	21.0
12 7	2 17.07	+11 32.3	1.773	2.612	13.8	21.2

256619 2007 VC_{157} 11 5.1 293°.91 2°.8/ 3.6 18

9 28	3 10.06	+11 32.3	1.337	2.176	18.5	21.2
10 8	3 6.34	+11 4.4	1.260	2.168	14.5	20.9
10 18	2 59.41	+10 28.4	1.203	2.161	9.8	20.6
10 28	2 50.01	+ 9 48.5	1.169	2.154	4.8	20.3
11 7	2 39.40	+ 9 11.0	1.160	2.147	3.4	20.2
11 17	2 29.09	+ 8 42.2	1.177	2.140	8.2	20.5
11 27	2 20.59	+ 8 28.1	1.219	2.133	13.2	20.7
12 7	2 14.94	+ 8 31.9	1.281	2.126	17.7	21.0

266615 2008 OD_{12} 11 5.1 62°.86 0°.4/ 4.8 18

9 28	3 6.34	+16 37.0	2.114	2.921	13.7	20.8
10 8	3 2.02	+16 12.3	2.049	2.939	10.6	20.7
10 18	2 55.71	+15 39.0	2.007	2.958	7.0	20.5
10 28	2 48.06	+14 59.5	1.991	2.976	3.1	20.3
11 7	2 39.90	+14 17.6	2.004	2.994	1.0	20.1
11 17	2 32.13	+13 37.4	2.046	3.013	4.8	20.5
11 27	2 25.58	+13 3.4	2.117	3.031	8.4	20.7
12 7	2 20.85	+12 38.9	2.212	3.050	11.5	21.0

219531 2001 QN_{173} 11 5.1 93°.98 0°.3/ 4.8 17

9 28	3 10.71	+18 30.2	1.629	2.440	17.0	21.1
10 8	3 5.95	+17 47.3	1.567	2.458	13.2	20.9
10 18	2 58.57	+16 51.0	1.526	2.477	8.8	20.7
10 28	2 49.40	+15 44.5	1.510	2.495	3.9	20.4
11 7	2 39.59	+14 33.7	1.522	2.512	1.1	20.3
11 17	2 30.37	+13 25.6	1.562	2.529	5.9	20.7
11 27	2 22.83	+12 27.3	1.630	2.546	10.3	20.9
12 7	2 17.70	+11 43.8	1.721	2.563	14.0	21.2

283920 2004 HL_{25} 11 5.1 200°.40 1°.1/ 4.3 18

9 28	3 10.63	+14 54.7	1.856	2.666	15.2	21.7
10 8	3 5.85	+14 26.6	1.771	2.664	11.9	21.5
10 18	2 58.59	+13 49.3	1.709	2.660	7.9	21.2
10 28	2 49.49	+13 5.3	1.672	2.657	3.6	21.0
11 7	2 39.55	+12 19.1	1.663	2.652	1.7	20.8
11 17	2 29.87	+11 35.9	1.684	2.648	6.0	21.1
11 27	2 21.58	+11 1.0	1.732	2.642	10.2	21.4
12 7	2 15.47	+10 38.6	1.804	2.637	13.9	21.6

376592 2013 PX_{27} 11 5.1 50°.27 4°.0/ 2.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.37	+11 27.9	1.180	2.031	19.7	20.7
10 8	3 4.89	+10 18.9	1.130	2.044	15.2	20.5
10 18	2 58.22	+ 9 0.1	1.098	2.059	10.1	20.2
10 28	2 49.32	+ 7 39.7	1.090	2.074	5.3	20.0
11 7	2 39.62	+ 6 27.1	1.106	2.089	4.8	20.0
11 17	2 30.65	+ 5 31.1	1.147	2.104	9.1	20.3
11 27	2 23.74	+ 4 57.9	1.212	2.120	13.8	20.6
12 7	2 19.68	+ 4 49.0	1.297	2.137	17.8	20.9

519148 2010 NN_{23} 11 5.1 143°.51 5°.4/31.2 18

9 28	3 7.04	+ 3 41.4	2.124	2.945	13.2	22.4
10 8	3 2.49	+ 2 12.3	2.059	2.954	10.3	22.3
10 18	2 56.01	+ 0 41.7	2.018	2.962	7.5	22.1
10 28	2 48.20	− 0 43.6	2.005	2.970	5.5	22.0
11 7	2 39.88	− 1 57.1	2.021	2.978	6.0	22.1
11 17	2 31.91	− 2 53.3	2.065	2.985	8.4	22.2
11 27	2 25.10	− 3 28.9	2.136	2.992	11.2	22.4
12 7	2 20.05	− 3 43.2	2.229	2.998	13.7	22.6

228664 2002 GM_{76} 11 5.1 208°.64 2°.1/ 3.5 18

9 28	3 9.82	+10 56.7	2.248	3.054	13.0	21.5
10 8	3 4.77	+10 28.9	2.157	3.048	10.1	21.3
10 18	2 57.65	+ 9 56.1	2.091	3.041	6.8	21.1
10 28	2 49.02	+ 9 21.2	2.051	3.034	3.4	20.9
11 7	2 39.67	+ 8 47.9	2.041	3.026	2.6	20.8
11 17	2 30.52	+ 8 20.1	2.061	3.018	5.8	21.0
11 27	2 22.46	+ 8 1.6	2.110	3.009	9.3	21.2
12 7	2 16.19	+ 7 54.7	2.184	2.999	12.4	21.4

300672 2007 VH_{11} 11 5.1 346°.74 2°.5/ 3.3 18

9 28	3 1.85	+14 50.9	1.414	2.258	17.4	19.9
10 8	2 59.70	+13 43.6	1.338	2.250	13.5	19.7
10 18	2 54.80	+12 21.7	1.282	2.243	9.0	19.4
10 28	2 47.85	+10 51.0	1.251	2.236	4.2	19.1
11 7	2 39.95	+ 9 20.0	1.245	2.231	3.2	19.0
11 17	2 32.39	+ 7 58.4	1.265	2.227	7.8	19.3
11 27	2 26.39	+ 6 54.5	1.309	2.223	12.5	19.6
12 7	2 22.82	+ 6 13.4	1.375	2.221	16.6	19.8

231225 2005 WS_{171} 11 5.1 246°.82 0°.9/ 4.5 18

9 28	3 9.18	+15 36.5	1.805	2.618	15.5	21.5
10 8	3 4.90	+15 10.4	1.714	2.608	12.1	21.3
10 18	2 58.07	+14 34.2	1.646	2.598	8.1	21.0
10 28	2 49.32	+13 50.2	1.603	2.587	3.7	20.7
11 7	2 39.61	+13 2.8	1.587	2.577	1.5	20.6
11 17	2 30.11	+12 17.3	1.600	2.566	6.0	20.8
11 27	2 21.96	+11 39.6	1.640	2.554	10.4	21.1
12 7	2 16.03	+11 14.4	1.704	2.543	14.3	21.3

514950 2008 YO_{122} 11 5.1 210°.57 6°.8/30.8 18

9 28	3 8.34	− 2 20.0	2.142	2.957	13.3	22.2
10 8	3 3.61	− 3 22.6	2.067	2.953	10.8	22.0
10 18	2 56.86	− 4 21.7	2.016	2.948	8.3	21.8
10 28	2 48.65	− 5 11.1	1.991	2.942	6.8	21.7
11 7	2 39.80	− 5 45.1	1.994	2.936	7.3	21.8
11 17	2 31.19	− 5 59.7	2.024	2.929	9.4	21.9
11 27	2 23.72	− 5 53.2	2.080	2.923	12.0	22.0
12 7	2 18.04	− 5 26.2	2.158	2.915	14.4	22.2

457647 2009 CZ 11 5.1 122°.54 0°.7/ 4.5 16

9 28	3 19.32	+14 30.5	2.765	3.533	11.8	23.6
10 8	3 11.31	+14 16.0	2.697	3.565	9.2	23.4
10 18	3 1.54	+13 55.7	2.655	3.597	6.0	23.3
10 28	2 50.63	+13 31.2	2.644	3.626	2.7	23.1
11 7	2 39.36	+13 4.8	2.665	3.655	1.1	23.0
11 17	2 28.54	+12 39.5	2.721	3.681	4.3	23.3
11 27	2 18.93	+12 18.3	2.808	3.706	7.3	23.5
12 7	2 11.06	+12 3.8	2.925	3.730	9.9	23.7

305994 2009 KG_{7} 11 5.1 253°.40 2°.9/ 3.2 18

9 28	3 10.13	+ 7 57.8	2.135	2.947	13.4	20.9
10 8	3 5.19	+ 7 43.0	2.041	2.934	10.5	20.7
10 18	2 58.06	+ 7 26.0	1.970	2.920	7.2	20.4
10 28	2 49.27	+ 7 9.9	1.925	2.906	3.9	20.2
11 7	2 39.64	+ 6 58.1	1.910	2.892	3.3	20.1
11 17	2 30.13	+ 6 53.7	1.924	2.877	6.4	20.3
11 27	2 21.73	+ 6 59.8	1.966	2.862	10.0	20.5
12 7	2 15.20	+ 7 17.7	2.032	2.847	13.2	20.7

28711 Emmaburnett 11 5.1 212°.75 0°.4/ 5.3 18

9 28	3 9.90	+19 26.1	1.817	2.620	15.8	19.6
10 8	3 5.43	+19 0.4	1.730	2.616	12.5	19.4
10 18	2 58.40	+18 21.4	1.663	2.611	8.5	19.2
10 28	2 49.45	+17 30.8	1.622	2.605	4.0	18.9
11 7	2 39.60	+16 32.4	1.609	2.600	0.9	18.6
11 17	2 30.02	+15 32.2	1.625	2.594	5.5	19.0
11 27	2 21.87	+14 36.8	1.668	2.587	9.9	19.2
12 7	2 15.98	+13 52.1	1.736	2.580	13.8	19.4

166039 2002 CZ_{2} 11 5.1 230°.12 1°.9/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.39	+20 26.7	1.473	2.282	18.6	20.1
10 8	3 8.88	+20 42.4	1.391	2.278	14.8	19.8
10 18	3 1.13	+20 45.1	1.329	2.275	10.3	19.6
10 28	2 50.83	+20 33.9	1.290	2.271	5.4	19.3
11 7	2 39.27	+20 10.6	1.277	2.267	2.0	19.0
11 17	2 27.99	+19 39.4	1.292	2.262	6.3	19.3
11 27	2 18.52	+19 7.4	1.332	2.258	11.3	19.6
12 7	2 11.95	+18 41.4	1.395	2.253	15.7	19.8

324841 2007 JC_{43} 11 5.1 147°.98 4°.1/ 1.7 18

9 28	3 6.26	+ 3 21.3	2.437	3.252	11.9	20.5
10 8	3 1.72	+ 2 45.5	2.363	3.255	9.3	20.3
10 18	2 55.45	+ 2 10.3	2.313	3.258	6.6	20.2
10 28	2 47.97	+ 1 39.6	2.290	3.261	4.5	20.1
11 7	2 39.98	+ 1 17.2	2.297	3.263	4.5	20.1
11 17	2 32.24	+ 1 6.2	2.332	3.266	6.7	20.2
11 27	2 25.48	+ 1 8.6	2.394	3.268	9.4	20.4
12 7	2 20.26	+ 1 24.8	2.481	3.270	11.9	20.6

137455 1999 TE_{285} 11 5.1 320°.63 4°.1/ 3.2 18

9 28	3 9.83	+ 7 52.2	1.317	2.161	18.5	19.3
10 8	3 6.21	+ 7 31.7	1.241	2.151	14.5	19.0
10 18	2 59.38	+ 7 7.8	1.184	2.141	9.9	18.8
10 28	2 50.05	+ 6 45.7	1.150	2.132	5.4	18.5
11 7	2 39.47	+ 6 31.1	1.141	2.124	4.7	18.4
11 17	2 29.16	+ 6 29.3	1.157	2.116	8.9	18.6
11 27	2 20.65	+ 6 44.1	1.198	2.108	13.7	18.9
12 7	2 14.98	+ 7 16.7	1.259	2.101	18.1	19.1

501568 2014 OC 11 5.1 212°.39 14°.0/14.5 17

9 28	3 19.83	+46 5.2	1.379	2.079	24.4	21.1
10 8	3 15.81	+47 26.9	1.299	2.076	22.1	20.9
10 18	3 6.89	+48 18.0	1.233	2.072	19.3	20.7
10 28	2 53.82	+48 26.5	1.183	2.068	16.6	20.5
11 7	2 38.56	+47 44.1	1.152	2.063	14.6	20.4
11 17	2 23.74	+46 10.8	1.143	2.057	14.1	20.4
11 27	2 11.96	+43 57.7	1.157	2.052	15.5	20.4
12 7	2 4.76	+41 23.8	1.192	2.046	18.1	20.6

269907 2000 HC_{19} 11 5.1 170°.40 0°.4/ 5.3 18

9 28	3 11.67	+18 18.8	1.912	2.710	15.3	21.7
10 8	3 6.60	+18 7.4	1.830	2.714	12.0	21.5
10 18	2 59.07	+17 45.3	1.770	2.716	8.1	21.3
10 28	2 49.73	+17 13.9	1.735	2.718	3.8	21.0
11 7	2 39.58	+16 36.3	1.730	2.720	0.8	20.8
11 17	2 29.75	+15 56.8	1.753	2.721	5.3	21.1
11 27	2 21.32	+15 21.0	1.805	2.722	9.4	21.4
12 7	2 15.08	+14 53.5	1.881	2.722	13.0	21.6

473649 2015 XN_{332} 11 5.1 3°.85 1°.8/ 6.4 18

9 28	3 4.67	+22 34.6	1.831	2.635	15.7	20.9
10 8	3 1.36	+22 24.1	1.751	2.634	12.5	20.7
10 18	2 55.66	+21 59.4	1.691	2.635	8.7	20.4
10 28	2 48.20	+21 21.0	1.656	2.636	4.6	20.2
11 7	2 39.95	+20 32.2	1.648	2.637	1.8	20.0
11 17	2 31.99	+19 37.8	1.668	2.639	5.1	20.2
11 27	2 25.40	+18 44.5	1.715	2.642	9.1	20.5
12 7	2 20.92	+17 58.1	1.786	2.645	12.8	20.7

203227 2001 FW_{122} 11 5.1 291°.39 0°.7/ 4.6 18

9 28	3 7.25	+16 7.6	1.741	2.559	15.7	20.8
10 8	3 3.58	+15 45.3	1.647	2.543	12.4	20.5
10 18	2 57.32	+15 12.2	1.575	2.528	8.3	20.3
10 28	2 49.04	+14 30.5	1.527	2.512	3.8	20.0
11 7	2 39.74	+13 44.4	1.506	2.496	1.3	19.8
11 17	2 30.57	+12 59.4	1.514	2.481	6.1	20.0
11 27	2 22.75	+12 21.6	1.548	2.465	10.6	20.3
12 7	2 17.17	+11 55.9	1.605	2.450	14.7	20.5

86493 2000 DD_{17} 11 5.1 92°.37 2°.4/ 6.5 18

9 28	3 14.94	+23 2.2	1.346	2.153	20.1	19.5
10 8	3 9.97	+23 1.1	1.286	2.170	16.0	19.3
10 18	3 1.66	+22 41.8	1.244	2.187	11.2	19.1
10 28	2 50.96	+22 4.4	1.226	2.204	5.9	18.8
11 7	2 39.34	+21 12.5	1.233	2.221	2.4	18.7
11 17	2 28.43	+20 13.1	1.267	2.238	6.4	19.0
11 27	2 19.71	+19 15.2	1.326	2.254	11.2	19.3
12 7	2 14.04	+18 26.8	1.409	2.269	15.4	19.6

177021 2003 BT_{65} 11 5.1 314°.14 6°.4/ 1.3 18

9 28	3 7.61	+ 0 33.0	1.736	2.568	15.2	19.8
10 8	3 3.69	− 0 6.6	1.654	2.552	12.2	19.6
10 18	2 57.28	− 0 43.5	1.593	2.537	9.1	19.3
10 28	2 48.99	− 1 11.7	1.556	2.523	6.7	19.2
11 7	2 39.77	− 1 25.2	1.546	2.508	6.9	19.2
11 17	2 30.74	− 1 19.7	1.563	2.494	9.6	19.3
11 27	2 23.01	− 0 53.3	1.604	2.481	13.0	19.5
12 7	2 17.44	− 0 6.6	1.667	2.468	16.3	19.6

226392 2003 QL_4 11 5.1 57.°63 2.°9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.00	+ 9 47.9	1.956	2.778	14.1	20.6
10 8	3 2.52	+ 9 1.7	1.906	2.805	10.8	20.4
10 18	2 56.03	+ 8 11.5	1.878	2.831	7.2	20.3
10 28	2 48.22	+ 7 21.9	1.877	2.858	3.8	20.1
11 7	2 40.00	+ 6 37.7	1.904	2.885	3.4	20.1
11 17	2 32.27	+ 6 3.4	1.960	2.912	6.4	20.4
11 27	2 25.85	+ 5 42.1	2.043	2.939	9.6	20.6
12 7	2 21.31	+ 5 35.4	2.150	2.966	12.5	20.9

399677 2004 SN_{44} 11 5.1 37.°31 0.°9/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.25	+20 18.3	1.720	2.531	16.2	20.8
10 8	3 2.50	+20 2.4	1.657	2.547	12.7	20.6
10 18	2 56.33	+19 33.5	1.616	2.564	8.6	20.4
10 28	2 48.46	+18 53.4	1.598	2.581	4.2	20.2
11 7	2 39.94	+18 6.0	1.608	2.598	1.1	20.0
11 17	2 31.90	+17 16.7	1.646	2.617	5.2	20.3
11 27	2 25.35	+16 31.7	1.710	2.635	9.3	20.6
12 7	2 20.99	+15 55.9	1.799	2.654	12.9	20.9

478911 2012 WF_{35} 11 5.1 5.°20 1.°3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.55	+19 24.3	1.398	2.224	18.5	20.3
10 8	3 4.32	+19 30.4	1.325	2.223	14.7	20.1
10 18	2 58.02	+19 23.2	1.272	2.224	10.1	19.8
10 28	2 49.40	+19 3.2	1.242	2.225	5.0	19.5
11 7	2 39.70	+18 33.5	1.237	2.227	1.4	19.3
11 17	2 30.38	+17 59.4	1.258	2.230	6.2	19.6
11 27	2 22.84	+17 27.6	1.304	2.233	11.1	19.9
12 7	2 18.03	+17 4.5	1.372	2.238	15.5	20.2

96581 1998 VJ_{16} 11 5.1 35.°71 2.°5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.09	+ 8 7.0	1.755	2.577	15.5	18.4
10 8	3 6.06	+ 8 17.2	1.696	2.594	12.0	18.2
10 18	2 58.61	+ 8 26.4	1.658	2.611	8.0	18.0
10 28	2 49.49	+ 8 37.0	1.646	2.628	4.0	17.8
11 7	2 39.73	+ 8 51.5	1.661	2.647	2.9	17.8
11 17	2 30.43	+ 9 11.9	1.705	2.665	6.4	18.1
11 27	2 22.64	+ 9 40.0	1.776	2.684	10.1	18.3
12 7	2 17.05	+10 16.6	1.872	2.704	13.5	18.6

351112 2003 UG_{378} 11 5.1 302.°45 11.°7/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 25.74	+38 53.2	1.803	2.501	19.5	20.7
10 8	3 19.68	+41 19.6	1.710	2.493	17.3	20.5
10 18	3 9.35	+43 32.1	1.637	2.484	14.9	20.3
10 28	2 55.12	+45 19.7	1.586	2.475	12.8	20.1
11 7	2 38.26	+46 32.6	1.561	2.467	11.7	20.0
11 17	2 20.83	+47 5.6	1.561	2.459	12.1	20.0
11 27	2 5.20	+47 2.3	1.586	2.451	13.8	20.1
12 7	1 53.27	+46 33.0	1.633	2.443	16.1	20.3

196050 2002 SG_{63} 11 5.1 58.°48 0.°2/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.62	+17 19.2	2.263	3.064	13.1	20.5
10 8	3 2.27	+17 13.9	2.186	3.072	10.2	20.3
10 18	2 55.97	+17 0.6	2.132	3.080	6.9	20.1
10 28	2 48.29	+16 40.8	2.105	3.088	3.2	19.9
11 7	2 40.01	+16 16.8	2.106	3.096	0.7	19.7
11 17	2 32.01	+15 52.0	2.137	3.105	4.5	20.0
11 27	2 25.12	+15 30.1	2.196	3.113	8.0	20.2
12 7	2 19.97	+15 14.6	2.280	3.122	11.0	20.4

66500 1999 RK_{73} 11 5.1 113.°04 1.°4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.22	+22 2.2	1.828	2.624	16.0	19.9
10 8	3 4.81	+21 45.1	1.751	2.631	12.6	19.7
10 18	2 57.92	+21 13.5	1.695	2.638	8.7	19.4
10 28	2 49.24	+20 28.7	1.665	2.645	4.5	19.2
11 7	2 39.79	+19 34.0	1.662	2.651	1.5	19.0
11 17	2 30.73	+18 34.9	1.688	2.658	5.2	19.3
11 27	2 23.15	+17 38.1	1.741	2.664	9.3	19.5
12 7	2 17.79	+16 49.7	1.819	2.670	12.9	19.8

271513 2004 GX_{13} 11 5.1 233.°39 1.°7/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.35	+22 23.3	1.757	2.553	16.5	21.5
10 8	3 6.03	+22 10.1	1.666	2.545	13.2	21.3
10 18	2 58.96	+21 41.6	1.595	2.537	9.2	21.1
10 28	2 49.81	+20 58.0	1.549	2.529	4.8	20.8
11 7	2 39.64	+20 2.2	1.530	2.520	1.7	20.5
11 17	2 29.69	+18 59.7	1.540	2.510	5.5	20.8
11 27	2 21.23	+17 58.1	1.577	2.501	10.0	21.0
12 7	2 15.18	+17 4.4	1.639	2.491	14.1	21.3

453493 2009 SB_{342} 11 5.1 287.°73 0.°9/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.28	+16 15.5	2.237	3.046	13.0	21.3
10 8	3 0.54	+15 32.6	2.150	3.041	10.1	21.1
10 18	2 54.87	+14 40.2	2.085	3.037	6.7	20.9
10 28	2 47.81	+13 41.0	2.047	3.032	3.0	20.7
11 7	2 40.12	+12 39.3	2.038	3.027	1.4	20.5
11 17	2 32.66	+11 40.2	2.059	3.023	5.0	20.8
11 27	2 26.25	+10 48.8	2.108	3.018	8.6	21.0
12 7	2 21.52	+10 9.0	2.182	3.014	11.8	21.2

257004 2008 ES_{151} 11 5.1 37.°38 0.°7/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.40	+18 56.7	1.872	2.679	15.2	21.2
10 8	3 3.33	+18 49.2	1.796	2.684	12.0	21.0
10 18	2 56.91	+18 30.8	1.741	2.689	8.1	20.8
10 28	2 48.78	+18 2.9	1.712	2.695	3.9	20.6
11 7	2 39.90	+17 28.4	1.710	2.700	0.9	20.4
11 17	2 31.34	+16 51.8	1.736	2.706	5.1	20.7
11 27	2 24.15	+16 18.2	1.790	2.712	9.2	20.9
12 7	2 19.05	+15 52.4	1.869	2.718	12.7	21.2

517075 2013 CJ_{90} 11 5.1 256.°08 3.°7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.09	+ 8 6.7	2.049	2.871	13.5	21.7
10 8	3 2.10	+ 7 11.0	1.963	2.862	10.6	21.5
10 18	2 56.00	+ 6 10.4	1.900	2.852	7.2	21.3
10 28	2 48.36	+ 5 9.7	1.863	2.842	4.3	21.1
11 7	2 39.99	+ 4 14.7	1.855	2.831	4.3	21.1
11 17	2 31.82	+ 3 30.5	1.875	2.821	7.2	21.2
11 27	2 24.77	+ 3 1.7	1.923	2.810	10.6	21.4
12 7	2 19.55	+ 2 50.1	1.993	2.800	13.8	21.6

273191 2006 HM_{116} 11 5.1 218.°75 0.°6/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.12	+19 53.8	2.779	3.564	11.3	22.0
10 8	3 0.85	+19 34.9	2.683	3.558	8.9	21.8
10 18	2 54.92	+19 6.9	2.610	3.552	6.1	21.6
10 28	2 47.80	+18 31.2	2.565	3.546	3.0	21.4
11 7	2 40.13	+17 50.0	2.549	3.539	0.7	21.2
11 17	2 32.61	+17 6.6	2.564	3.532	3.8	21.4
11 27	2 25.96	+16 24.8	2.609	3.525	6.9	21.6
12 7	2 20.74	+15 48.5	2.680	3.518	9.7	21.8

399620 2004 FM_{115} 11 5.1 188.°92 2.°1/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.19	+21 43.6	2.314	3.090	13.6	21.4
10 8	3 6.75	+22 7.5	2.223	3.090	10.9	21.2
10 18	2 59.10	+22 22.0	2.154	3.089	7.7	21.0
10 28	2 49.78	+22 26.5	2.112	3.087	4.2	20.8
11 7	2 39.66	+22 21.5	2.099	3.086	2.1	20.6
11 17	2 29.69	+22 9.2	2.116	3.083	4.6	20.8
11 27	2 20.89	+21 53.2	2.163	3.081	8.0	21.0
12 7	2 13.98	+21 38.0	2.235	3.078	11.2	21.2

220847 2004 VE_{14} 11 5.1 351.°44 1.°5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.37	+21 40.5	1.833	2.640	15.5	19.4
10 8	3 1.18	+21 29.7	1.750	2.636	12.3	19.2
10 18	2 55.59	+21 5.2	1.687	2.632	8.6	18.9
10 28	2 48.22	+20 27.8	1.648	2.629	4.4	18.7
11 7	2 40.03	+19 40.8	1.637	2.626	1.5	18.5
11 17	2 32.10	+18 49.0	1.653	2.624	5.1	18.7
11 27	2 25.48	+17 58.7	1.696	2.623	9.2	19.0
12 7	2 20.97	+17 15.7	1.764	2.622	12.9	19.2

252871 2002 JA_{23} 11 5.1 142.°95 1.°3/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.71	+15 41.8	1.662	2.476	16.6	20.9
10 8	3 6.83	+15 0.9	1.590	2.484	12.9	20.6
10 18	2 59.30	+14 8.9	1.540	2.492	8.6	20.4
10 28	2 49.87	+13 9.2	1.515	2.500	3.9	20.1
11 7	2 39.67	+12 7.5	1.518	2.507	1.9	20.0
11 17	2 29.92	+11 10.3	1.549	2.513	6.4	20.3
11 27	2 21.78	+10 23.9	1.608	2.519	10.8	20.6
12 7	2 16.05	+ 9 52.8	1.690	2.525	14.6	20.9

473527 2015 XA_{161} 11 5.1 264.°04 2.°9/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.66	+ 7 8.8	2.562	3.370	11.6	21.3
10 8	3 2.97	+ 6 47.2	2.459	3.349	9.1	21.1
10 18	2 56.45	+ 6 23.7	2.380	3.329	6.2	20.9
10 28	2 48.56	+ 6 1.2	2.329	3.307	3.5	20.7
11 7	2 39.96	+ 5 43.0	2.307	3.286	3.2	20.6
11 17	2 31.42	+ 5 32.1	2.315	3.264	5.8	20.8
11 27	2 23.74	+ 5 31.1	2.352	3.241	8.9	20.9
12 7	2 17.57	+ 5 41.6	2.414	3.219	11.7	21.1

35383 1997 WU_{36} 11 5.1 59.°76 4.°7/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.08	+ 7 2.1	1.156	1.999	20.5	17.5
10 8	3 10.01	+ 6 35.1	1.113	2.023	15.9	17.3
10 18	3 1.58	+ 6 6.6	1.090	2.046	10.7	17.1
10 28	2 50.89	+ 5 42.5	1.089	2.070	6.0	16.9
11 7	2 39.49	+ 5 29.0	1.112	2.094	5.2	17.0
11 17	2 29.00	+ 5 30.3	1.161	2.118	9.2	17.3
11 27	2 20.82	+ 5 48.9	1.234	2.142	13.7	17.6
12 7	2 15.72	+ 6 24.3	1.328	2.166	17.6	17.9

487078 2014 OD_{106} 11 5.1 337.°60 7.°6/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.60	− 2 9.3	1.796	2.630	14.7	20.8
10 8	3 1.17	− 3 16.0	1.726	2.622	11.9	20.6
10 18	2 55.48	− 4 18.8	1.678	2.615	9.3	20.4
10 28	2 48.15	− 5 10.3	1.654	2.608	7.7	20.3
11 7	2 40.09	− 5 43.8	1.656	2.601	8.2	20.3
11 17	2 32.29	− 5 54.7	1.684	2.595	10.5	20.5
11 27	2 25.75	− 5 41.1	1.735	2.590	13.4	20.6
12 7	2 21.19	− 5 4.2	1.808	2.585	16.1	20.8

391152 2005 YZ_{93} 11 5.1 8°.68 23°.1/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 24.81	−26 26.9	0.796	1.610	29.9	19.2
10 8	3 19.25	−27 8.1	0.760	1.610	27.5	19.1
10 18	3 8.58	−27 2.9	0.735	1.611	25.2	18.9
10 28	2 54.24	−25 52.6	0.724	1.614	23.5	18.8
11 7	2 38.73	−23 28.6	0.727	1.618	23.1	18.8
11 17	2 24.67	−19 56.5	0.749	1.624	24.1	18.9
11 27	2 14.21	−15 34.4	0.788	1.631	26.1	19.1
12 7	2 8.33	−10 46.4	0.843	1.640	28.6	19.4

185677 1995 SB_{90} 11 5.1 98°.32 0°.3/ 4.9 18

9 28	3 6.89	+16 58.0	2.114	2.919	13.8	21.5
10 8	3 2.62	+16 34.5	2.036	2.925	10.7	21.4
10 18	2 56.28	+16 1.8	1.981	2.931	7.2	21.1
10 28	2 48.47	+15 22.1	1.952	2.936	3.2	20.9
11 7	2 40.03	+14 38.9	1.952	2.942	0.9	20.7
11 17	2 31.89	+13 56.6	1.981	2.948	4.9	21.0
11 27	2 24.94	+13 20.0	2.038	2.954	8.6	21.3
12 7	2 19.84	+12 52.7	2.121	2.959	11.9	21.5

3865 Lindbloom 11 5.1 149°.58 0°.6/ 4.7 18

9 28	3 9.42	+17 48.4	1.742	2.552	16.1	16.8
10 8	3 5.02	+17 5.5	1.665	2.557	12.5	16.6
10 18	2 58.10	+16 9.6	1.610	2.561	8.4	16.4
10 28	2 49.35	+15 3.8	1.581	2.565	3.8	16.1
11 7	2 39.83	+13 53.5	1.579	2.569	1.3	15.9
11 17	2 30.71	+12 45.5	1.606	2.573	5.9	16.2
11 27	2 23.08	+11 46.6	1.661	2.576	10.2	16.5
12 7	2 17.73	+11 2.1	1.739	2.579	14.0	16.8

393787 2005 JU_{156} 11 5.1 102°.82 5°.7/ 1.7 18

9 28	3 12.13	− 0 52.6	2.077	2.888	13.8	21.1
10 8	3 6.41	− 1 21.0	2.019	2.904	11.0	20.9
10 18	2 58.64	− 1 44.7	1.983	2.920	8.1	20.8
10 28	2 49.48	− 1 59.0	1.974	2.935	6.0	20.7
11 7	2 39.82	− 2 0.2	1.993	2.950	6.1	20.7
11 17	2 30.59	− 1 46.0	2.041	2.965	8.2	20.9
11 27	2 22.67	− 1 15.6	2.115	2.979	10.9	21.1
12 7	2 16.67	− 0 30.5	2.214	2.993	13.4	21.3

316485 2010 VV_{70} 11 5.1 40°.14 5°.3/ 1.7 17

9 28	3 7.20	+ 2 48.7	1.840	2.669	14.6	20.5
10 8	3 2.98	+ 2 7.1	1.778	2.677	11.5	20.3
10 18	2 56.56	+ 1 26.9	1.737	2.685	8.2	20.1
10 28	2 48.60	+ 0 53.4	1.723	2.693	5.7	20.0
11 7	2 40.02	+ 0 31.7	1.735	2.702	5.8	20.0
11 17	2 31.83	+ 0 25.6	1.775	2.711	8.3	20.2
11 27	2 24.95	+ 0 37.0	1.840	2.720	11.4	20.4
12 7	2 20.07	+ 1 5.4	1.928	2.729	14.3	20.6

283111 2008 UU_{298} 11 5.1 123°.94 1°.3/ 5.9 18

9 28	3 15.15	+18 47.8	1.956	2.745	15.3	20.3
10 8	3 9.25	+19 11.1	1.880	2.757	12.1	20.1
10 18	3 0.84	+19 25.6	1.827	2.769	8.3	19.9
10 28	2 50.59	+19 31.0	1.800	2.780	4.2	19.7
11 7	2 39.55	+19 28.4	1.801	2.791	1.4	19.5
11 17	2 28.87	+19 20.3	1.833	2.801	5.0	19.8
11 27	2 19.64	+19 10.9	1.893	2.811	9.0	20.0
12 7	2 12.67	+19 4.5	1.979	2.821	12.4	20.3

394497 2007 TQ_{185} 11 5.1 357°.58 2°.2/ 5.9 18

9 28	3 13.51	+16 59.4	1.376	2.198	19.0	19.9
10 8	3 9.25	+18 6.4	1.300	2.194	15.1	19.6
10 18	3 1.59	+19 8.0	1.242	2.192	10.5	19.3
10 28	2 51.20	+20 1.6	1.209	2.190	5.4	19.1
11 7	2 39.38	+20 45.6	1.201	2.189	2.3	18.9
11 17	2 27.78	+21 20.2	1.219	2.190	6.6	19.1
11 27	2 18.04	+21 48.5	1.263	2.191	11.6	19.4
12 7	2 11.34	+22 15.0	1.330	2.194	15.9	19.7

189156 2002 JO_{117} 11 5.1 116°.56 5°.1/31.3 18

9 28	3 5.81	− 0 27.7	2.643	3.455	11.2	20.5
10 8	3 1.16	− 1 25.0	2.585	3.471	8.9	20.4
10 18	2 54.99	− 2 19.6	2.552	3.486	6.6	20.2
10 28	2 47.79	− 3 6.9	2.546	3.501	5.2	20.2
11 7	2 40.23	− 3 42.7	2.569	3.516	5.6	20.2
11 17	2 32.96	− 4 4.2	2.621	3.531	7.3	20.4
11 27	2 26.63	− 4 9.7	2.700	3.545	9.4	20.5
12 7	2 21.71	− 3 59.5	2.802	3.558	11.5	20.7

315855 2008 HP_{34} 11 5.1 140°.77 4°.3/31.9 18

9 28	3 5.76	+ 2 52.4	2.655	3.467	11.1	21.2
10 8	3 1.17	+ 1 55.0	2.588	3.478	8.7	21.1
10 18	2 55.03	+ 0 57.9	2.546	3.488	6.3	20.9
10 28	2 47.83	+ 0 5.6	2.532	3.498	4.5	20.8
11 7	2 40.22	− 0 37.9	2.547	3.507	4.7	20.9
11 17	2 32.88	− 1 9.1	2.592	3.516	6.7	21.0
11 27	2 26.45	− 1 25.7	2.664	3.524	9.1	21.2
12 7	2 21.44	− 1 27.2	2.761	3.532	11.3	21.3

453459 2009 SE_{58} 11 5.1 55°.38 1°.7/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.48	+22 56.3	2.033	2.825	14.7	21.3
10 8	3 2.40	+22 40.1	1.962	2.839	11.7	21.1
10 18	2 56.16	+22 10.6	1.913	2.853	8.1	21.0
10 28	2 48.42	+21 28.7	1.890	2.868	4.3	20.8
11 7	2 40.09	+20 37.8	1.894	2.883	1.7	20.6
11 17	2 32.14	+19 42.4	1.928	2.898	4.6	20.8
11 27	2 25.50	+18 48.5	1.989	2.913	8.3	21.1
12 7	2 20.81	+18 1.3	2.076	2.928	11.5	21.3

24561 4646 P–L 11 5.1 296°.21 3°.2/ 2.3 18

9 28	3 3.52	+ 9 54.5	2.164	2.987	12.9	17.5
10 8	3 0.05	+ 8 53.5	2.074	2.974	10.0	17.3
10 18	2 54.62	+ 7 46.1	2.008	2.961	6.8	17.1
10 28	2 47.77	+ 6 36.7	1.968	2.949	3.8	16.9
11 7	2 40.23	+ 5 31.0	1.957	2.936	3.7	16.8
11 17	2 32.87	+ 4 34.5	1.975	2.924	6.6	17.0
11 27	2 26.53	+ 3 52.0	2.020	2.912	10.0	17.2
12 7	2 21.87	+ 3 26.1	2.089	2.899	13.1	17.4

347347 2012 QV_{16} 11 5.1 82°.53 2°.9/ 3.2 18

9 28	3 8.98	+12 19.5	1.568	2.396	16.7	21.0
10 8	3 4.73	+11 20.5	1.507	2.410	12.9	20.8
10 18	2 57.89	+10 12.8	1.467	2.423	8.5	20.5
10 28	2 49.24	+ 9 2.0	1.453	2.437	4.3	20.3
11 7	2 39.92	+ 7 55.1	1.466	2.450	3.5	20.3
11 17	2 31.12	+ 6 59.1	1.506	2.463	7.4	20.6
11 27	2 23.96	+ 6 19.5	1.572	2.476	11.5	20.9
12 7	2 19.14	+ 5 59.0	1.661	2.489	15.1	21.1

45395 2000 AQ_{134} 11 5.1 132°.71 1°.8/ 6.4 18

9 28	3 9.91	+21 48.7	1.941	2.733	15.3	19.3
10 8	3 5.31	+21 50.5	1.860	2.737	12.2	19.1
10 18	2 58.28	+21 40.0	1.800	2.740	8.5	18.9
10 28	2 49.46	+21 17.4	1.766	2.744	4.5	18.6
11 7	2 39.85	+20 44.7	1.759	2.748	1.8	18.4
11 17	2 30.53	+20 6.0	1.781	2.751	5.0	18.7
11 27	2 22.59	+19 26.9	1.831	2.754	8.9	18.9
12 7	2 16.80	+18 52.7	1.906	2.757	12.4	19.1

285674 2000 ST_{133} 11 5.1 357°.91 3°.2/ 7.0 17

9 28	3 6.61	+25 23.5	1.186	2.010	21.3	20.0
10 8	3 4.25	+25 12.4	1.115	2.008	17.2	19.8
10 18	2 58.34	+24 37.0	1.061	2.006	12.3	19.5
10 28	2 49.70	+23 37.1	1.027	2.006	6.9	19.2
11 7	2 39.79	+22 17.0	1.018	2.005	3.2	19.0
11 17	2 30.35	+20 45.9	1.033	2.006	6.9	19.2
11 27	2 23.04	+19 16.2	1.072	2.007	12.2	19.5
12 7	2 18.92	+17 59.1	1.132	2.009	17.1	19.8

327106 2005 AC_{68} 11 5.1 229°.52 4°.1/ 7.5 18

9 28	3 13.07	+26 8.2	1.557	2.346	18.6	21.2
10 8	3 8.69	+26 27.9	1.471	2.341	15.2	20.9
10 18	3 1.08	+26 30.1	1.403	2.335	11.2	20.7
10 28	2 50.93	+26 12.4	1.359	2.329	6.9	20.4
11 7	2 39.50	+25 35.3	1.340	2.323	4.1	20.2
11 17	2 28.31	+24 43.1	1.349	2.317	6.5	20.4
11 27	2 18.91	+23 44.0	1.384	2.311	10.9	20.6
12 7	2 12.38	+22 47.3	1.442	2.304	15.1	20.8

431726 2008 FP_{24} 11 5.1 134°.93 5°.5/ 1.1 16

9 28	3 9.27	+ 5 50.8	1.674	2.504	15.8	20.5
10 8	3 4.81	+ 4 27.6	1.610	2.512	12.3	20.3
10 18	2 57.89	+ 3 0.8	1.569	2.519	8.7	20.1
10 28	2 49.24	+ 1 38.0	1.554	2.527	5.9	19.9
11 7	2 39.92	+ 0 27.1	1.566	2.534	6.2	20.0
11 17	2 31.05	− 0 25.1	1.606	2.540	9.2	20.2
11 27	2 23.67	− 0 54.5	1.670	2.546	12.6	20.4
12 7	2 18.51	− 1 0.5	1.757	2.552	15.8	20.6

384932 2012 TF_{91} 11 5.1 102°.90 2°.2/ 3.6 18

9 28	3 9.72	+12 51.5	1.710	2.531	15.9	21.4
10 8	3 5.15	+12 7.2	1.644	2.543	12.3	21.2
10 18	2 58.11	+11 14.7	1.601	2.555	8.1	21.0
10 28	2 49.34	+10 18.5	1.582	2.567	3.9	20.8
11 7	2 39.91	+ 9 24.2	1.592	2.578	2.8	20.8
11 17	2 30.94	+ 8 37.6	1.630	2.589	6.6	21.0
11 27	2 23.48	+ 8 4.0	1.694	2.600	10.7	21.3
12 7	2 18.26	+ 7 46.1	1.782	2.611	14.2	21.5

349651 2008 UT_{331} 11 5.1 99°.02 2°.1/ 4.1 18

9 28	3 14.65	+ 9 26.2	1.763	2.577	15.8	20.1
10 8	3 8.98	+ 9 34.8	1.692	2.585	12.3	19.9
10 18	3 0.72	+ 9 41.3	1.642	2.593	8.2	19.7
10 28	2 50.58	+ 9 47.8	1.618	2.602	4.0	19.5
11 7	2 39.62	+ 9 56.8	1.623	2.610	2.5	19.4
11 17	2 29.05	+10 10.7	1.657	2.618	6.4	19.7
11 27	2 20.01	+10 31.9	1.718	2.626	10.4	19.9
12 7	2 13.32	+11 1.9	1.803	2.633	14.0	20.2

244843 2003 UC_{123} 11 5.1 178°.75 0°.1/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.65	+19 23.6	1.954	2.756	14.9	21.3
10 8	3 3.46	+18 47.4	1.871	2.757	11.7	21.1
10 18	2 56.99	+17 58.4	1.809	2.757	7.9	20.8
10 28	2 48.87	+16 58.8	1.774	2.758	3.7	20.6
11 7	2 40.01	+15 53.0	1.767	2.758	0.8	20.4
11 17	2 31.47	+14 46.8	1.789	2.757	5.2	20.7
11 27	2 24.22	+13 46.5	1.839	2.757	9.2	20.9
12 7	2 19.01	+12 57.6	1.915	2.757	12.8	21.2

366167 2012 FH_{68} 11 5.1 25°.79 4°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.97	+ 5 54.9	1.977	2.806	13.7	20.6
10 8	3 1.18	+ 5 7.3	1.909	2.810	10.7	20.4
10 18	2 55.34	+ 4 18.0	1.863	2.815	7.4	20.2
10 28	2 48.07	+ 3 31.9	1.844	2.819	4.7	20.1
11 7	2 40.20	+ 2 54.2	1.852	2.825	4.7	20.1
11 17	2 32.65	+ 2 29.2	1.887	2.830	7.4	20.3
11 27	2 26.27	+ 2 19.9	1.950	2.836	10.6	20.5
12 7	2 21.72	+ 2 27.2	2.035	2.842	13.5	20.7

163795 2003 QN_{57} 11 5.1 81°.22 1°.2/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.59	+14 32.5	1.705	2.523	16.0	20.0
10 8	3 5.15	+14 9.9	1.636	2.532	12.4	19.8
10 18	2 58.18	+13 38.6	1.588	2.541	8.3	19.6
10 28	2 49.42	+13 1.7	1.566	2.551	3.7	19.4
11 7	2 39.91	+12 23.5	1.571	2.560	1.7	19.2
11 17	2 30.81	+11 49.0	1.604	2.569	6.1	19.5
11 27	2 23.23	+11 23.3	1.664	2.578	10.3	19.8
12 7	2 17.93	+11 9.9	1.747	2.587	13.9	20.1

260364 2004 TP_{370} 11 5.1 307°.62 3°.3/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.27	+ 6 42.3	2.017	2.837	13.8	20.1
10 8	3 3.97	+ 6 31.5	1.923	2.820	10.9	19.9
10 18	2 57.42	+ 6 19.8	1.851	2.802	7.5	19.6
10 28	2 49.13	+ 6 10.4	1.805	2.785	4.2	19.4
11 7	2 39.96	+ 6 6.8	1.787	2.768	3.7	19.3
11 17	2 30.87	+ 6 12.2	1.798	2.751	6.8	19.5
11 27	2 22.90	+ 6 29.2	1.836	2.734	10.4	19.7
12 7	2 16.84	+ 6 58.7	1.898	2.718	13.8	19.9

271777 2004 TN_{15} 11 5.1 45°.94 6°.4/ 5.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 31.51	+18 9.9	0.978	1.795	25.3	19.5
10 8	3 25.14	+20 48.6	0.914	1.802	20.6	19.2
10 18	3 13.41	+23 27.5	0.868	1.810	14.9	18.9
10 28	2 57.05	+25 54.2	0.844	1.818	9.2	18.6
11 7	2 38.09	+27 55.2	0.846	1.827	6.4	18.5
11 17	2 19.48	+29 22.8	0.873	1.836	10.1	18.8
11 27	2 4.15	+30 20.1	0.924	1.845	15.6	19.1
12 7	1 53.91	+30 58.1	0.995	1.855	20.4	19.4

336097 2008 HQ_{15} 11 5.1 111°.75 3°.7/ 2.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.11	+ 8 31.7	1.763	2.582	15.5	21.8
10 8	3 6.80	+ 7 43.7	1.704	2.600	12.0	21.7
10 18	2 59.10	+ 6 51.9	1.667	2.618	8.1	21.5
10 28	2 49.77	+ 6 1.4	1.656	2.636	4.5	21.3
11 7	2 39.86	+ 5 17.7	1.673	2.652	4.2	21.3
11 17	2 30.47	+ 4 45.8	1.719	2.669	7.4	21.5
11 27	2 22.62	+ 4 29.4	1.792	2.684	11.0	21.8
12 7	2 16.97	+ 4 29.6	1.888	2.699	14.2	22.0

378563 2008 CU_{193} 11 5.1 190°.69 1°.8/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.26	+14 22.4	1.623	2.444	16.6	21.9
10 8	3 5.92	+13 41.3	1.545	2.443	12.9	21.6
10 18	2 58.87	+12 49.7	1.488	2.442	8.6	21.4
10 28	2 49.81	+11 51.3	1.456	2.441	4.0	21.1
11 7	2 39.85	+10 51.9	1.452	2.440	2.4	21.0
11 17	2 30.23	+ 9 58.2	1.475	2.438	6.8	21.3
11 27	2 22.18	+ 9 16.6	1.525	2.436	11.3	21.5
12 7	2 16.54	+ 8 51.2	1.598	2.434	15.2	21.8

275152 2009 VW_{94} 11 5.1 101°.60 1°.5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.29	+21 56.0	1.769	2.561	16.6	21.3
10 8	3 7.90	+21 42.1	1.705	2.583	13.1	21.1
10 18	2 59.93	+21 14.0	1.663	2.604	9.0	20.9
10 28	2 50.19	+20 32.7	1.645	2.624	4.6	20.7
11 7	2 39.80	+19 41.9	1.655	2.645	1.5	20.5
11 17	2 29.98	+18 46.9	1.695	2.664	5.2	20.8
11 27	2 21.81	+17 54.5	1.762	2.683	9.3	21.1
12 7	2 16.02	+17 10.5	1.854	2.702	12.9	21.4

458419 2011 AW_{12} 11 5.1 13°.57 4°.0/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.32	+28 57.5	2.009	2.780	15.6	20.7
10 8	3 2.62	+29 2.0	1.925	2.781	12.8	20.5
10 18	2 56.54	+28 49.5	1.862	2.784	9.6	20.3
10 28	2 48.72	+28 18.9	1.823	2.786	6.2	20.1
11 7	2 40.12	+27 31.9	1.811	2.789	4.0	20.0
11 17	2 31.81	+26 32.4	1.826	2.792	5.4	20.1
11 27	2 24.84	+25 26.9	1.869	2.795	8.6	20.3
12 7	2 19.97	+24 22.8	1.938	2.799	11.8	20.5

454016 2012 DG_{45} 11 5.1 307°.24 5°.2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.82	+ 4 8.8	2.040	2.870	13.3	21.2
10 8	3 0.35	+ 2 57.1	1.960	2.861	10.5	21.0
10 18	2 54.87	+ 1 43.2	1.904	2.852	7.6	20.8
10 28	2 47.92	+ 0 33.1	1.874	2.843	5.4	20.7
11 7	2 40.31	− 0 26.8	1.871	2.834	5.8	20.7
11 17	2 32.89	− 1 11.1	1.896	2.826	8.4	20.8
11 27	2 26.57	− 1 35.9	1.947	2.818	11.4	21.0
12 7	2 21.99	− 1 40.3	2.021	2.809	14.2	21.2

185467 2007 BN_{37} 11 5.1 80°.12 1°.3/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.07	+13 53.8	2.069	2.881	13.8	20.8
10 8	3 2.76	+13 25.8	1.997	2.891	10.7	20.6
10 18	2 56.38	+12 50.8	1.948	2.901	7.1	20.4
10 28	2 48.57	+12 11.6	1.926	2.911	3.2	20.2
11 7	2 40.17	+11 32.2	1.932	2.921	1.8	20.1
11 17	2 32.10	+10 56.9	1.967	2.930	5.4	20.3
11 27	2 25.25	+10 29.8	2.031	2.940	9.0	20.6
12 7	2 20.24	+10 13.8	2.118	2.950	12.1	20.8

518718 2009 DP_{44} 11 5.1 229°.13 9°.0/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.65	− 8 10.4	2.073	2.885	13.8	21.9
10 8	3 3.24	− 9 33.8	2.006	2.878	11.6	21.7
10 18	2 56.76	−10 49.7	1.961	2.871	9.8	21.6
10 28	2 48.78	−11 50.4	1.942	2.864	9.0	21.5
11 7	2 40.14	−12 29.5	1.948	2.856	9.6	21.6
11 17	2 31.76	−12 42.8	1.980	2.849	11.4	21.7
11 27	2 24.54	−12 29.3	2.036	2.841	13.6	21.8
12 7	2 19.15	−11 51.0	2.111	2.832	15.8	21.9

207232 2005 EN_{156} 11 5.1 274°.73 0°.1/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.29	+15 27.9	1.849	2.657	15.4	20.5
10 8	3 6.69	+15 36.5	1.753	2.643	12.1	20.3
10 18	2 59.46	+15 38.2	1.679	2.629	8.2	20.0
10 28	2 50.18	+15 33.6	1.631	2.615	3.8	19.7
11 7	2 39.81	+15 24.9	1.610	2.600	0.9	19.5
11 17	2 29.53	+15 15.1	1.618	2.586	5.6	19.8
11 27	2 20.54	+15 8.5	1.653	2.571	10.1	20.0
12 7	2 13.79	+15 8.9	1.713	2.557	14.0	20.2

222418 2001 HM_{46} 11 5.2 115°.25 0°.7/ 5.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.70	+19 1.2	1.905	2.694	15.7	20.9
10 8	3 9.55	+18 54.6	1.840	2.718	12.3	20.7
10 18	3 0.95	+18 37.1	1.797	2.740	8.3	20.5
10 28	2 50.67	+18 10.0	1.780	2.762	4.0	20.3
11 7	2 39.77	+17 36.1	1.793	2.783	0.9	20.1
11 17	2 29.40	+16 59.8	1.835	2.803	5.1	20.5
11 27	2 20.61	+16 26.4	1.906	2.822	9.0	20.8
12 7	2 14.10	+16 0.3	2.002	2.840	12.5	21.0

336139 2008 QW_{12} 11 5.2 69°.16 1°.4/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.41	+14 55.6	1.491	2.315	17.7	20.7
10 8	3 6.69	+14 22.0	1.438	2.337	13.6	20.5
10 18	2 59.23	+13 38.5	1.406	2.360	9.0	20.3
10 28	2 49.91	+12 49.0	1.398	2.383	4.1	20.1
11 7	2 39.96	+11 59.2	1.417	2.406	2.0	20.0
11 17	2 30.66	+11 15.2	1.463	2.428	6.5	20.3
11 27	2 23.16	+10 42.7	1.535	2.450	10.9	20.7
12 7	2 18.18	+10 25.1	1.631	2.473	14.6	20.9

45673 2000 ES_{111} 11 5.2 85°.45 0°.7/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.40	+15 12.8	2.381	3.184	12.5	19.8
10 8	3 1.94	+14 47.6	2.311	3.199	9.7	19.7
10 18	2 55.70	+14 15.5	2.265	3.215	6.4	19.5
10 28	2 48.25	+13 38.9	2.246	3.231	2.9	19.3
11 7	2 40.32	+13 1.1	2.257	3.246	1.2	19.2
11 17	2 32.71	+12 25.6	2.297	3.262	4.6	19.5
11 27	2 26.17	+11 56.3	2.367	3.277	7.8	19.7
12 7	2 21.25	+11 35.9	2.461	3.292	10.7	19.9

454661 2014 QN_{336} 11 5.2 306°.65 8°.3/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.28	− 6 30.9	2.207	3.027	12.8	20.6
10 8	2 59.75	− 8 10.8	2.142	3.021	10.7	20.4
10 18	2 54.38	− 9 45.2	2.101	3.016	9.0	20.3
10 28	2 47.70	−11 6.6	2.085	3.010	8.3	20.3
11 7	2 40.44	−12 8.3	2.096	3.005	9.0	20.3
11 17	2 33.41	−12 45.8	2.133	3.000	10.8	20.4
11 27	2 27.39	−12 57.3	2.193	2.995	12.9	20.5
12 7	2 22.99	−12 43.9	2.273	2.990	14.9	20.7

359772 2011 UH_{133} 11 5.2 43°.04 3°.2/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.13	+21 57.0	0.990	1.828	23.6	20.2
10 8	3 9.66	+22 25.3	0.940	1.842	18.8	20.0
10 18	3 2.08	+22 34.5	0.906	1.857	13.2	19.7
10 28	2 51.45	+22 23.2	0.892	1.873	7.1	19.4
11 7	2 39.61	+21 53.9	0.901	1.889	3.2	19.3
11 17	2 28.62	+21 13.7	0.933	1.906	7.5	19.6
11 27	2 20.32	+20 32.6	0.988	1.924	13.0	20.0
12 7	2 15.72	+19 59.8	1.063	1.942	17.8	20.3

159161 2004 YW_6 11 5.2 184.°28 3.°7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.28	+ 2 45.3	2.762	3.567	10.9	20.7
10 8	3 3.16	+ 2 23.6	2.681	3.567	8.6	20.5
10 18	2 56.44	+ 2 3.1	2.625	3.567	6.1	20.3
10 28	2 48.59	+ 1 46.9	2.596	3.566	4.1	20.2
11 7	2 40.25	+ 1 38.2	2.598	3.565	4.1	20.2
11 17	2 32.09	+ 1 39.0	2.629	3.564	6.1	20.3
11 27	2 24.81	+ 1 51.0	2.689	3.562	8.5	20.5
12 7	2 18.95	+ 2 14.6	2.775	3.560	10.9	20.7

503284 2015 VF_{78} 11 5.2 151.°41 4.°6/ 1.7 18

9 28	3 6.68	+ 3 21.1	2.221	3.040	12.7	21.0
10 8	3 2.32	+ 2 39.8	2.147	3.041	10.0	20.8
10 18	2 56.06	+ 1 58.9	2.096	3.042	7.1	20.6
10 28	2 48.46	+ 1 22.8	2.073	3.043	4.9	20.5
11 7	2 40.28	+ 0 56.0	2.077	3.044	5.0	20.5
11 17	2 32.35	+ 0 42.1	2.110	3.044	7.3	20.7
11 27	2 25.49	+ 0 43.3	2.170	3.045	10.2	20.9
12 7	2 20.31	+ 1 0.0	2.253	3.046	12.8	21.0

170794 2004 DB_{12} 11 5.2 231.°05 2.°5/ 7.3 18

9 28	3 8.70	+26 4.0	2.327	3.095	13.8	20.6
10 8	3 4.17	+25 51.8	2.225	3.084	11.2	20.4
10 18	2 57.48	+25 25.2	2.145	3.073	8.1	20.2
10 28	2 49.18	+24 43.8	2.091	3.062	4.8	19.9
11 7	2 40.10	+23 49.6	2.065	3.050	2.5	19.8
11 17	2 31.18	+22 46.5	2.070	3.038	4.6	19.9
11 27	2 23.38	+21 40.3	2.103	3.025	8.0	20.1
12 7	2 17.44	+20 37.2	2.163	3.012	11.2	20.3

59176 1999 AP_7 11 5.2 283.°75 4.°2/ 2.6 18

9 28	3 8.54	+ 8 23.4	1.600	2.432	16.2	20.1
10 8	3 4.83	+ 7 36.4	1.509	2.414	12.8	19.9
10 18	2 58.36	+ 6 43.2	1.440	2.395	8.8	19.6
10 28	2 49.73	+ 5 49.2	1.396	2.376	5.1	19.3
11 7	2 39.96	+ 5 1.2	1.377	2.357	4.8	19.3
11 17	2 30.31	+ 4 25.6	1.386	2.338	8.5	19.4
11 27	2 22.07	+ 4 7.8	1.420	2.319	12.9	19.6
12 7	2 16.21	+ 4 10.5	1.475	2.299	16.9	19.8

287694 2003 QL_{31} 11 5.2 23.°73 13.°5/19.8 17

9 28	3 15.31	+54 10.2	1.975	2.584	20.3	19.8
10 8	3 11.40	+55 37.5	1.906	2.593	18.8	19.7
10 18	3 3.43	+56 37.4	1.850	2.602	17.1	19.6
10 28	2 52.21	+57 1.9	1.810	2.612	15.5	19.5
11 7	2 39.40	+56 46.1	1.789	2.622	14.2	19.5
11 17	2 27.09	+55 49.7	1.788	2.633	13.6	19.4
11 27	2 17.25	+54 19.2	1.809	2.645	13.8	19.5
12 7	2 11.12	+52 25.6	1.852	2.657	14.7	19.6

55232 2001 RR_{74} 11 5.2 271.°32 1.°2/ 6.0 18

9 28	3 7.84	+20 32.5	2.087	2.882	14.3	19.0
10 8	3 3.71	+20 26.3	1.989	2.869	11.4	18.8
10 18	2 57.30	+20 8.7	1.913	2.856	7.9	18.5
10 28	2 49.15	+19 40.4	1.863	2.843	4.0	18.3
11 7	2 40.12	+19 3.7	1.840	2.830	1.2	18.1
11 17	2 31.21	+18 22.3	1.847	2.817	4.8	18.3
11 27	2 23.46	+17 41.5	1.882	2.804	8.8	18.5
12 7	2 17.66	+17 6.6	1.942	2.790	12.4	18.7

28948 Disalvo 11 5.2 73.°25 3.°8/ 2.6 18

9 28	3 7.90	+ 9 31.5	1.645	2.476	15.9	18.7
10 8	3 3.86	+ 8 33.1	1.581	2.485	12.3	18.5
10 18	2 57.36	+ 7 28.8	1.538	2.493	8.3	18.3
10 28	2 49.11	+ 6 24.4	1.521	2.501	4.6	18.1
11 7	2 40.17	+ 5 26.5	1.530	2.510	4.3	18.1
11 17	2 31.65	+ 4 41.5	1.567	2.518	7.8	18.3
11 27	2 24.63	+ 4 13.9	1.630	2.527	11.6	18.6
12 7	2 19.84	+ 4 5.5	1.715	2.536	15.0	18.8

335015 2004 JK_{31} 11 5.2 79.°19 1.°2/ 4.3 16

9 28	3 11.17	+16 31.3	1.564	2.381	17.3	20.8
10 8	3 6.38	+15 40.9	1.509	2.405	13.3	20.6
10 18	2 58.96	+14 38.6	1.476	2.429	8.8	20.4
10 28	2 49.79	+13 28.9	1.468	2.453	3.9	20.1
11 7	2 40.03	+12 18.2	1.487	2.476	1.8	20.1
11 17	2 30.93	+11 13.7	1.534	2.499	6.3	20.4
11 27	2 23.58	+10 21.8	1.608	2.522	10.6	20.7
12 7	2 18.64	+ 9 46.5	1.706	2.544	14.3	21.0

361881 2008 FJ_{58} 11 5.2 167.°02 2.°2/ 3.2 18

9 28	3 5.89	+11 29.5	2.426	3.236	12.1	21.8
10 8	3 1.58	+10 42.0	2.346	3.239	9.3	21.6
10 18	2 55.51	+ 9 48.8	2.290	3.241	6.2	21.4
10 28	2 48.20	+ 8 53.4	2.261	3.244	3.1	21.2
11 7	2 40.37	+ 8 0.2	2.262	3.245	2.6	21.2
11 17	2 32.77	+ 7 13.4	2.293	3.247	5.4	21.4
11 27	2 26.17	+ 6 36.9	2.352	3.248	8.6	21.6
12 7	2 21.13	+ 6 13.2	2.437	3.249	11.4	21.8

225368 1999 CD_{136} 11 5.2 347.°24 0.°7/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.55	+18 58.8	1.238	2.077	19.7	20.2
10 8	3 3.26	+18 51.8	1.164	2.070	15.6	20.0
10 18	2 57.67	+18 29.3	1.107	2.063	10.7	19.7
10 28	2 49.50	+17 52.6	1.073	2.057	5.1	19.3
11 7	2 40.07	+17 6.2	1.062	2.053	1.1	19.1
11 17	2 30.95	+16 17.0	1.077	2.049	6.8	19.4
11 27	2 23.72	+15 33.6	1.115	2.047	12.3	19.7
12 7	2 19.44	+15 3.1	1.174	2.046	17.0	20.0

222398 2001 FQ_{11} 11 5.2 233.°76 0.°4/ 5.5 17

9 28	3 7.37	+17 52.9	2.512	3.303	12.2	20.7
10 8	3 2.85	+17 48.9	2.417	3.297	9.6	20.5
10 18	2 56.46	+17 37.2	2.345	3.290	6.5	20.3
10 28	2 48.70	+17 18.8	2.301	3.283	3.1	20.1
11 7	2 40.26	+16 55.6	2.286	3.276	0.7	19.9
11 17	2 31.97	+16 30.7	2.300	3.269	4.2	20.2
11 27	2 24.63	+16 7.5	2.345	3.261	7.6	20.4
12 7	2 18.89	+15 49.5	2.415	3.253	10.6	20.5

237409 1998 SA_{114} 11 5.2 55.°95 3.°2/ 6.8 18

9 28	3 17.49	+21 57.7	1.553	2.346	18.5	19.2
10 8	3 11.59	+22 48.9	1.498	2.373	14.7	19.0
10 18	3 2.65	+23 27.3	1.464	2.401	10.4	18.8
10 28	2 51.56	+23 50.8	1.455	2.429	5.9	18.6
11 7	2 39.65	+23 59.4	1.472	2.457	3.2	18.5
11 17	2 28.40	+23 55.8	1.517	2.485	6.0	18.8
11 27	2 19.12	+23 45.5	1.590	2.513	10.0	19.1
12 7	2 12.67	+23 34.9	1.686	2.541	13.6	19.3

171218 2005 JN_{89} 11 5.2 312.°56 0.°8/ 4.7 18

9 28	3 8.41	+15 17.1	1.790	2.606	15.5	20.7
10 8	3 4.33	+15 1.0	1.708	2.603	12.1	20.5
10 18	2 57.78	+14 36.0	1.648	2.600	8.1	20.2
10 28	2 49.38	+14 4.5	1.613	2.598	3.7	20.0
11 7	2 40.12	+13 30.1	1.605	2.595	1.3	19.8
11 17	2 31.11	+12 57.6	1.626	2.592	5.8	20.1
11 27	2 23.48	+12 32.0	1.673	2.590	10.1	20.3
12 7	2 18.02	+12 17.3	1.745	2.588	13.8	20.6

446107 2013 DR_4 11 5.2 155.°80 0.°7/ 5.7 18

9 28	3 9.11	+19 29.5	2.367	3.154	13.0	21.7
10 8	3 4.22	+19 20.3	2.283	3.159	10.2	21.5
10 18	2 57.36	+19 1.8	2.222	3.165	7.0	21.4
10 28	2 49.08	+18 34.8	2.188	3.170	3.4	21.1
11 7	2 40.19	+18 1.7	2.184	3.174	0.9	20.9
11 17	2 31.56	+17 26.1	2.209	3.178	4.3	21.2
11 27	2 24.02	+16 52.2	2.264	3.182	7.8	21.4
12 7	2 18.23	+16 23.9	2.345	3.185	10.8	21.6

228305 2000 GY_{128} 11 5.2 176.°86 0.°4/ 5.5 18

9 28	3 9.19	+18 42.4	2.355	3.144	13.0	22.3
10 8	3 4.32	+18 29.4	2.268	3.146	10.2	22.1
10 18	2 57.45	+18 7.2	2.203	3.147	6.9	21.9
10 28	2 49.15	+17 37.0	2.166	3.148	3.3	21.7
11 7	2 40.20	+17 1.4	2.158	3.149	0.7	21.5
11 17	2 31.47	+16 23.9	2.181	3.149	4.4	21.8
11 27	2 23.84	+15 48.9	2.232	3.148	7.9	22.0
12 7	2 17.96	+15 20.4	2.310	3.147	11.0	22.2

343613 2010 GX_{122} 11 5.2 220.°73 1.°8/ 6.5 18

9 28	3 9.03	+22 45.5	1.881	2.674	15.7	20.9
10 8	3 4.83	+22 33.5	1.794	2.671	12.5	20.6
10 18	2 58.12	+22 7.1	1.728	2.669	8.8	20.4
10 28	2 49.55	+21 26.6	1.687	2.666	4.7	20.2
11 7	2 40.10	+20 34.9	1.674	2.662	1.8	20.0
11 17	2 30.92	+19 36.9	1.689	2.659	5.1	20.2
11 27	2 23.13	+18 39.4	1.732	2.656	9.3	20.4
12 7	2 17.53	+17 48.8	1.799	2.652	13.0	20.7

172163 2002 NV_{48} 11 5.2 39.°30 0.°8/ 5.7 14 C

9 28	3 8.89	+20 8.5	1.316	2.142	19.4	20.1
10 8	3 5.12	+19 47.9	1.270	2.168	15.2	19.9
10 18	2 58.36	+19 11.5	1.243	2.195	10.2	19.7
10 28	2 49.58	+18 22.2	1.238	2.222	4.9	19.5
11 7	2 40.14	+17 25.5	1.260	2.250	1.1	19.3
11 17	2 31.47	+16 28.8	1.307	2.279	6.1	19.7
11 27	2 24.77	+15 39.7	1.380	2.308	10.8	20.1
12 7	2 20.77	+15 3.7	1.475	2.338	14.8	20.4

75470 1999 XT_{164} 11 5.2 271.°86 0.°6/ 4.8 18

9 28	3 9.51	+15 19.3	2.012	2.818	14.3	19.7
10 8	3 5.14	+15 8.5	1.908	2.798	11.3	19.4
10 18	2 58.36	+14 49.5	1.827	2.777	7.6	19.2
10 28	2 49.72	+14 24.1	1.772	2.756	3.5	18.9
11 7	2 40.06	+13 55.1	1.744	2.734	1.2	18.7
11 17	2 30.44	+13 26.5	1.746	2.713	5.5	18.9
11 27	2 21.96	+13 3.0	1.776	2.691	9.7	19.1
12 7	2 15.48	+12 48.7	1.831	2.669	13.5	19.3

175025 2004 FE_{33} 11 5.2 313°.01 7°.6/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.99	+34 0.7	1.796	2.545	17.9	20.1
10 8	3 7.16	+34 59.7	1.701	2.532	15.4	19.9
10 18	3 0.21	+35 40.9	1.625	2.520	12.4	19.7
10 28	2 50.72	+35 58.9	1.571	2.508	9.5	19.5
11 7	2 39.83	+35 50.9	1.541	2.497	7.7	19.4
11 17	2 28.98	+35 17.8	1.538	2.486	8.3	19.4
11 27	2 19.71	+34 25.7	1.560	2.475	10.8	19.5
12 7	2 13.16	+33 23.8	1.606	2.465	13.9	19.7

49727 1999 VG_{69} 11 5.2 209°.28 0°.9/ 4.6 18

9 28	3 10.75	+16 1.7	1.670	2.485	16.5	19.8
10 8	3 6.35	+15 31.2	1.587	2.482	12.9	19.5
10 18	2 59.24	+14 49.4	1.526	2.478	8.7	19.3
10 28	2 50.10	+13 59.0	1.490	2.474	3.9	19.0
11 7	2 40.00	+13 4.9	1.481	2.470	1.6	18.8
11 17	2 30.20	+12 13.3	1.500	2.466	6.3	19.1
11 27	2 21.92	+11 30.7	1.546	2.461	10.9	19.4
12 7	2 16.03	+11 1.8	1.615	2.456	14.8	19.6

208469 2001 UE_{92} 11 5.2 354°.42 0°.7/ 4.8 18

9 28	3 5.53	+16 59.5	1.028	1.884	21.5	20.0
10 8	3 3.72	+16 36.8	0.963	1.880	17.0	19.7
10 18	2 58.21	+15 57.5	0.915	1.876	11.5	19.4
10 28	2 49.82	+15 4.8	0.887	1.873	5.2	19.0
11 7	2 40.06	+14 6.0	0.882	1.872	1.6	18.8
11 17	2 30.75	+13 10.1	0.900	1.872	8.0	19.2
11 27	2 23.65	+12 27.0	0.940	1.872	14.0	19.5
12 7	2 19.86	+12 3.2	1.000	1.874	19.0	19.8

478477 2012 QJ_{33} 11 5.2 49°.47 2°.3/ 6.6 18

9 28	3 10.02	+23 25.2	1.354	2.168	19.7	20.8
10 8	3 6.17	+23 14.5	1.298	2.186	15.6	20.6
10 18	2 59.20	+22 45.0	1.260	2.205	10.9	20.4
10 28	2 50.03	+21 57.7	1.245	2.225	5.8	20.2
11 7	2 40.06	+20 57.2	1.256	2.245	2.3	20.0
11 17	2 30.77	+19 50.8	1.293	2.265	6.0	20.3
11 27	2 23.48	+18 47.7	1.355	2.285	10.7	20.6
12 7	2 19.00	+17 55.3	1.441	2.306	14.8	20.9

76035 2000 DD_{47} 11 5.2 29°.63 2°.5/ 6.7 18

9 28	3 8.77	+22 53.1	1.629	2.432	17.3	19.0
10 8	3 4.94	+23 2.0	1.556	2.438	13.8	18.8
10 18	2 58.34	+22 56.2	1.503	2.444	9.8	18.6
10 28	2 49.69	+22 35.4	1.473	2.451	5.4	18.3
11 7	2 40.13	+22 1.9	1.470	2.457	2.5	18.2
11 17	2 30.95	+21 20.3	1.494	2.465	5.6	18.4
11 27	2 23.37	+20 37.4	1.544	2.473	9.8	18.6
12 7	2 18.27	+19 59.6	1.619	2.481	13.7	18.9

395486 2011 UJ_{64} 11 5.2 26°.14 2°.3/ 3.8 18

9 28	3 7.37	+12 0.6	1.582	2.414	16.4	20.3
10 8	3 3.67	+11 33.0	1.515	2.419	12.8	20.1
10 18	2 57.37	+10 58.5	1.469	2.425	8.5	19.8
10 28	2 49.21	+10 20.9	1.447	2.432	4.1	19.6
11 7	2 40.25	+ 9 45.5	1.452	2.439	2.8	19.5
11 17	2 31.69	+ 9 17.4	1.484	2.446	6.8	19.8
11 27	2 24.66	+ 9 1.2	1.542	2.454	11.1	20.1
12 7	2 19.94	+ 8 59.6	1.622	2.463	14.8	20.3

436419 2011 AG_{62} 11 5.2 204°.74 0°.9/ 4.7 18

9 28	3 12.57	+14 43.6	1.712	2.524	16.2	22.4
10 8	3 7.73	+14 31.7	1.629	2.521	12.7	22.1
10 18	3 0.17	+14 11.3	1.567	2.518	8.6	21.9
10 28	2 50.54	+13 44.5	1.530	2.514	3.9	21.6
11 7	2 39.94	+13 15.0	1.521	2.511	1.5	21.4
11 17	2 29.59	+12 47.2	1.540	2.506	6.1	21.7
11 27	2 20.75	+12 26.4	1.587	2.502	10.6	22.0
12 7	2 14.30	+12 16.6	1.657	2.496	14.6	22.2

300508 2007 TV_{175} 11 5.2 8°.64 2°.3/ 3.8 18

9 28	3 6.83	+12 26.2	1.531	2.365	16.8	20.4
10 8	3 3.40	+11 56.3	1.460	2.366	13.0	20.2
10 18	2 57.29	+11 18.4	1.410	2.367	8.7	19.9
10 28	2 49.21	+10 36.8	1.384	2.369	4.2	19.7
11 7	2 40.25	+ 9 56.7	1.384	2.371	2.8	19.6
11 17	2 31.65	+ 9 23.9	1.411	2.374	7.0	19.8
11 27	2 24.61	+ 9 3.5	1.463	2.378	11.4	20.1
12 7	2 19.94	+ 8 58.7	1.538	2.382	15.3	20.4

520374 2014 HT_{204} 11 5.2 94°.17 2°.3/ 3.7 18

9 28	3 9.79	+10 32.9	1.863	2.682	14.9	21.1
10 8	3 5.18	+10 14.2	1.790	2.686	11.5	20.9
10 18	2 58.22	+ 9 51.0	1.738	2.691	7.7	20.7
10 28	2 49.57	+ 9 26.5	1.712	2.695	3.8	20.5
11 7	2 40.18	+ 9 4.6	1.714	2.699	2.7	20.4
11 17	2 31.12	+ 8 49.3	1.744	2.704	6.3	20.7
11 27	2 23.40	+ 8 43.9	1.802	2.708	10.1	20.9
12 7	2 17.76	+ 8 50.7	1.883	2.712	13.5	21.1

142594 2002 TZ_{109} 11 5.2 32°.38 5°.7/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 31.58	+17 9.3	1.078	1.887	23.9	17.8
10 8	3 24.47	+19 58.2	1.020	1.904	19.3	17.5
10 18	3 12.49	+22 46.2	0.982	1.922	13.8	17.3
10 28	2 56.54	+25 21.2	0.968	1.941	8.3	17.0
11 7	2 38.60	+27 30.8	0.980	1.961	5.8	17.0
11 17	2 21.27	+29 8.3	1.020	1.982	9.2	17.2
11 27	2 7.03	+30 16.6	1.086	2.005	14.0	17.6
12 7	1 57.35	+31 5.1	1.173	2.028	18.3	17.9

66503 1999 RE_{81} 11 5.2 18°.95 4°.6/ 2.5 18

9 28	3 5.43	+ 8 40.8	1.320	2.171	18.0	18.6
10 8	3 2.55	+ 7 44.5	1.262	2.176	14.0	18.4
10 18	2 56.79	+ 6 42.6	1.224	2.183	9.5	18.2
10 28	2 48.98	+ 5 42.1	1.209	2.191	5.5	18.0
11 7	2 40.32	+ 4 50.9	1.219	2.199	5.2	18.0
11 17	2 32.17	+ 4 15.8	1.254	2.208	9.0	18.2
11 27	2 25.75	+ 4 1.6	1.313	2.218	13.2	18.5
12 7	2 21.87	+ 4 9.1	1.393	2.229	17.0	18.8

174420 2002 VU_{139} 11 5.2 232°.69 1°.8/ 6.8 18

9 28	3 7.59	+24 38.7	2.266	3.043	13.8	20.4
10 8	3 3.33	+24 11.5	2.167	3.034	11.1	20.2
10 18	2 56.95	+23 29.4	2.091	3.025	7.9	20.0
10 28	2 49.00	+22 33.2	2.040	3.016	4.3	19.7
11 7	2 40.31	+21 25.5	2.018	3.006	1.8	19.5
11 17	2 31.82	+20 11.3	2.026	2.996	4.5	19.7
11 27	2 24.47	+18 56.8	2.064	2.986	8.1	19.9
12 7	2 18.97	+17 48.5	2.128	2.975	11.5	20.1

307356 2002 RV_{205} 11 5.2 91°.56 4°.0/ 7.5 18

9 28	3 14.73	+25 49.0	1.531	2.320	18.9	20.5
10 8	3 9.80	+26 14.6	1.463	2.333	15.3	20.3
10 18	3 1.70	+26 23.0	1.414	2.346	11.1	20.1
10 28	2 51.26	+26 12.1	1.388	2.359	6.8	19.9
11 7	2 39.82	+25 42.9	1.389	2.371	4.0	19.8
11 17	2 28.88	+25 0.0	1.416	2.384	6.3	19.9
11 27	2 19.89	+24 11.0	1.470	2.396	10.4	20.2
12 7	2 13.76	+23 24.4	1.547	2.408	14.3	20.5

50387 2000 CM_{91} 11 5.2 43°.49 3°.8/ 7.6 18

9 28	3 10.70	+25 49.2	1.804	2.587	16.7	18.5
10 8	3 6.34	+26 15.0	1.725	2.591	13.5	18.3
10 18	2 59.25	+26 26.1	1.665	2.594	9.9	18.1
10 28	2 50.13	+26 20.7	1.630	2.598	6.1	17.9
11 7	2 40.06	+25 59.5	1.621	2.603	3.8	17.8
11 17	2 30.28	+25 25.8	1.640	2.607	5.7	17.9
11 27	2 22.02	+24 45.6	1.686	2.611	9.4	18.1
12 7	2 16.15	+24 5.8	1.757	2.616	12.9	18.4

121890 2000 DK_{21} 11 5.2 141°.56 4°.6/ 9.9 18

9 28	3 9.63	+34 4.6	2.983	3.695	12.2	20.3
10 8	3 4.47	+34 25.1	2.896	3.705	10.3	20.2
10 18	2 57.48	+34 31.8	2.830	3.714	8.1	20.1
10 28	2 49.18	+34 23.1	2.789	3.723	6.0	20.0
11 7	2 40.29	+33 59.1	2.776	3.732	4.7	19.9
11 17	2 31.62	+33 21.7	2.793	3.740	5.0	19.9
11 27	2 23.96	+32 34.9	2.839	3.748	6.8	20.0
12 7	2 17.92	+31 43.6	2.913	3.755	8.9	20.2

332716 2009 SO_{140} 11 5.2 43°.91 1°.6/ 4.1 18

9 28	3 6.99	+18 1.8	1.217	2.057	19.9	20.3
10 8	3 3.94	+16 47.7	1.164	2.072	15.4	20.1
10 18	2 57.75	+15 15.7	1.130	2.088	10.2	19.8
10 28	2 49.39	+13 32.5	1.119	2.105	4.5	19.6
11 7	2 40.27	+11 48.2	1.133	2.122	2.3	19.5
11 17	2 31.86	+10 13.8	1.173	2.140	7.5	19.8
11 27	2 25.45	+ 8 58.8	1.238	2.158	12.5	20.2
12 7	2 21.81	+ 8 8.1	1.324	2.176	16.7	20.5

15200 1975 SU 11 5.2 241°.77 3°.0/ 2.2 18

9 28	3 4.01	+ 9 11.4	2.511	3.327	11.6	17.9
10 8	3 0.16	+ 8 11.2	2.424	3.319	9.0	17.7
10 18	2 54.62	+ 7 6.0	2.361	3.312	6.1	17.5
10 28	2 47.88	+ 6 0.1	2.326	3.305	3.5	17.4
11 7	2 40.59	+ 4 58.0	2.320	3.297	3.4	17.4
11 17	2 33.48	+ 4 4.5	2.344	3.289	6.0	17.5
11 27	2 27.25	+ 3 23.5	2.396	3.282	8.9	17.7
12 7	2 22.49	+ 2 57.2	2.473	3.274	11.6	17.9

206493 2003 UX_{80} 11 5.2 5°.68 7°.6/ 2.3 18

9 28	3 9.86	− 1 1.5	1.291	2.137	18.6	19.4
10 8	3 6.11	− 1 22.6	1.232	2.137	15.0	19.1
10 18	2 59.27	− 1 36.1	1.191	2.138	11.1	18.9
10 28	2 50.17	− 1 35.0	1.173	2.140	8.1	18.8
11 7	2 40.09	− 1 13.8	1.178	2.144	8.0	18.8
11 17	2 30.50	− 0 30.2	1.209	2.149	10.9	19.0
11 27	2 22.76	+ 0 35.5	1.262	2.155	14.7	19.2
12 7	2 17.77	+ 1 59.6	1.337	2.162	18.2	19.4

44847 1999 TA_{291} 11 5.2 139°.07 1°.6/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.87	+15 41.8	2.062	2.869	14.0	19.2
10 8	3 3.42	+14 35.4	1.986	2.877	10.8	19.0
10 18	2 56.89	+13 18.4	1.934	2.885	7.2	18.8
10 28	2 48.92	+11 55.0	1.908	2.893	3.3	18.5
11 7	2 40.38	+10 31.0	1.913	2.900	2.1	18.5
11 17	2 32.20	+ 9 12.9	1.947	2.907	5.7	18.7
11 27	2 25.26	+ 8 6.6	2.009	2.913	9.4	19.0
12 7	2 20.19	+ 7 16.2	2.097	2.919	12.6	19.2

217706 1999 TK_{189} 11 5.2 12°.44 3°.3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.86	+27 37.5	1.796	2.583	16.6	19.3
10 8	3 1.73	+27 21.2	1.717	2.586	13.5	19.1
10 18	2 56.10	+26 45.8	1.658	2.589	9.8	18.9
10 28	2 48.66	+25 51.3	1.623	2.593	5.9	18.7
11 7	2 40.44	+24 40.8	1.614	2.598	3.3	18.5
11 17	2 32.57	+23 20.4	1.632	2.603	5.3	18.7
11 27	2 26.15	+21 58.1	1.678	2.608	9.0	18.9
12 7	2 21.94	+20 42.0	1.749	2.614	12.7	19.2

22854 1999 RY_{131} 11 5.2 358°.92 7°.7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.78	+ 4 57.3	1.304	2.163	17.6	18.5
10 8	2 59.79	+ 2 56.9	1.243	2.160	13.9	18.2
10 18	2 55.01	+ 0 50.8	1.204	2.158	10.2	18.0
10 28	2 48.21	− 1 9.2	1.188	2.157	7.8	17.9
11 7	2 40.54	− 2 50.8	1.197	2.157	8.7	18.0
11 17	2 33.28	− 4 4.0	1.230	2.159	12.0	18.1
11 27	2 27.64	− 4 43.4	1.285	2.161	15.7	18.4
12 7	2 24.44	− 4 49.4	1.359	2.164	19.1	18.6

329471 2002 QL_{48} 11 5.2 107°.30 1°.9/ 6.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.14	+21 45.5	1.554	2.356	18.1	21.9
10 8	3 8.39	+21 44.9	1.484	2.367	14.4	21.6
10 18	3 0.68	+21 29.4	1.434	2.377	10.0	21.4
10 28	2 50.79	+20 59.2	1.407	2.387	5.2	21.2
11 7	2 39.98	+20 17.1	1.407	2.396	1.9	21.0
11 17	2 29.64	+19 28.8	1.435	2.406	5.8	21.3
11 27	2 21.11	+18 41.5	1.490	2.415	10.4	21.5
12 7	2 15.25	+18 2.1	1.568	2.424	14.4	21.8

295772 2008 UG_{187} 11 5.2 30°.42 1°.6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.26	+14 48.1	1.500	2.331	17.2	20.3
10 8	3 3.77	+14 9.4	1.432	2.336	13.4	20.1
10 18	2 57.54	+13 19.8	1.385	2.341	8.9	19.9
10 28	2 49.34	+12 23.5	1.362	2.347	4.1	19.6
11 7	2 40.30	+11 26.4	1.365	2.354	2.2	19.5
11 17	2 31.69	+10 35.4	1.395	2.360	6.8	19.8
11 27	2 24.70	+ 9 56.8	1.451	2.367	11.3	20.1
12 7	2 20.14	+ 9 34.5	1.529	2.375	15.2	20.3

480284 2015 HN_{125} 11 5.2 58°.22 1°.5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.42	+19 7.0	1.466	2.278	18.5	21.0
10 8	3 8.73	+19 28.4	1.401	2.291	14.6	20.8
10 18	3 0.96	+19 38.2	1.356	2.303	10.0	20.5
10 28	2 50.94	+19 36.2	1.334	2.316	5.0	20.3
11 7	2 39.95	+19 24.4	1.339	2.328	1.6	20.1
11 17	2 29.45	+19 6.7	1.371	2.341	6.0	20.4
11 27	2 20.83	+18 48.9	1.429	2.355	10.6	20.7
12 7	2 14.99	+18 36.5	1.510	2.368	14.7	21.0

233266 2005 YT_{210} 11 5.2 225°.51 3°.0/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.43	+24 56.2	2.028	2.801	15.4	20.9
10 8	3 7.51	+25 10.1	1.930	2.793	12.5	20.7
10 18	3 0.01	+25 10.6	1.854	2.784	9.1	20.5
10 28	2 50.53	+24 56.3	1.803	2.774	5.4	20.2
11 7	2 40.02	+24 27.9	1.780	2.764	3.0	20.1
11 17	2 29.65	+23 48.7	1.786	2.753	5.3	20.2
11 27	2 20.59	+23 4.2	1.820	2.742	9.0	20.4
12 7	2 13.74	+22 21.0	1.880	2.731	12.6	20.6

321561 2009 SX_{342} 11 5.2 191°.50 1°.6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.88	+12 54.0	2.257	3.069	12.8	21.4
10 8	3 1.81	+12 23.0	2.175	3.069	9.9	21.2
10 18	2 55.82	+11 45.7	2.117	3.069	6.6	21.0
10 28	2 48.47	+11 5.1	2.085	3.069	3.1	20.7
11 7	2 40.50	+10 24.9	2.082	3.069	2.0	20.7
11 17	2 32.77	+ 9 49.2	2.108	3.068	5.3	20.9
11 27	2 26.08	+ 9 21.9	2.162	3.068	8.7	21.1
12 7	2 21.06	+ 9 5.7	2.241	3.068	11.7	21.3

25377 Rolaberee 11 5.2 113°.91 3°.2/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.62	+24 51.0	1.557	2.351	18.4	19.0
10 8	3 8.15	+24 58.3	1.482	2.357	14.9	18.7
10 18	3 0.62	+24 48.2	1.427	2.363	10.7	18.5
10 28	2 50.82	+24 19.8	1.395	2.369	6.2	18.3
11 7	2 39.99	+23 35.1	1.389	2.375	3.2	18.1
11 17	2 29.59	+22 39.6	1.411	2.381	6.0	18.3
11 27	2 21.00	+21 41.2	1.459	2.386	10.4	18.6
12 7	2 15.14	+20 48.2	1.531	2.391	14.4	18.8

518428 2002 QO_{70} 11 5.2 95°.54 5°.8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.24	− 1 37.1	2.497	3.312	11.6	21.8
10 8	3 0.91	− 2 44.6	2.443	3.328	9.3	21.7
10 18	2 54.98	− 3 48.6	2.413	3.344	7.1	21.6
10 28	2 48.00	− 4 43.8	2.410	3.360	5.9	21.5
11 7	2 40.63	− 5 25.7	2.436	3.376	6.3	21.6
11 17	2 33.57	− 5 51.0	2.489	3.392	8.0	21.7
11 27	2 27.48	− 5 58.3	2.569	3.407	10.1	21.9
12 7	2 22.86	− 5 47.9	2.672	3.422	12.1	22.0

116872 2004 FJ_{108} 11 5.2 93°.97 1°.0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.32	+15 45.1	1.608	2.423	17.0	20.4
10 8	3 7.36	+15 14.7	1.548	2.442	13.2	20.2
10 18	2 59.74	+14 33.9	1.508	2.460	8.7	19.9
10 28	2 50.28	+13 46.1	1.493	2.478	3.9	19.7
11 7	2 40.13	+12 56.3	1.506	2.495	1.6	19.6
11 17	2 30.55	+12 10.4	1.547	2.513	6.1	19.9
11 27	2 22.66	+11 34.2	1.615	2.530	10.5	20.2
12 7	2 17.20	+11 11.6	1.706	2.546	14.2	20.5

311687 2006 SR_{102} 11 5.2 341°.20 1°.8/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.16	+20 9.7	1.482	2.304	17.8	21.4
10 8	3 3.38	+20 26.4	1.398	2.293	14.3	21.1
10 18	2 57.63	+20 30.6	1.332	2.281	10.0	20.9
10 28	2 49.55	+20 22.0	1.290	2.271	5.2	20.6
11 7	2 40.25	+20 2.4	1.273	2.262	1.9	20.3
11 17	2 31.11	+19 36.0	1.282	2.254	6.0	20.6
11 27	2 23.55	+19 9.0	1.316	2.247	10.9	20.8
12 7	2 18.61	+18 47.8	1.373	2.241	15.2	21.1

231500 2008 QY_{42} 11 5.2 127°.50 1°.4/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.49	+23 8.9	2.509	3.289	12.6	20.3
10 8	3 1.39	+22 46.0	2.423	3.292	10.0	20.2
10 18	2 55.48	+22 11.1	2.359	3.296	7.0	20.0
10 28	2 48.29	+21 25.5	2.322	3.299	3.7	19.8
11 7	2 40.56	+20 31.7	2.314	3.303	1.4	19.6
11 17	2 33.06	+19 33.8	2.336	3.306	4.0	19.8
11 27	2 26.58	+18 36.7	2.388	3.309	7.2	20.0
12 7	2 21.70	+17 45.0	2.466	3.312	10.1	20.2

120024 2003 AN_{50} 11 5.2 3°.49 3°.4/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.99	+ 9 9.6	1.318	2.160	18.5	19.3
10 8	3 6.32	+ 8 52.9	1.250	2.159	14.5	19.1
10 18	2 59.51	+ 8 32.1	1.202	2.159	9.8	18.8
10 28	2 50.35	+ 8 11.6	1.176	2.160	5.1	18.5
11 7	2 40.11	+ 7 56.8	1.176	2.161	3.9	18.5
11 17	2 30.26	+ 7 52.6	1.201	2.163	8.2	18.7
11 27	2 22.25	+ 8 2.7	1.251	2.165	13.0	19.0
12 7	2 17.02	+ 8 28.7	1.322	2.168	17.1	19.3

426159 2012 HX_{64} 11 5.2 93°.75 2°.5/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.60	+12 20.0	1.535	2.359	17.3	21.9
10 8	3 7.63	+11 39.0	1.478	2.377	13.3	21.7
10 18	2 59.94	+10 50.4	1.441	2.395	8.9	21.5
10 28	2 50.38	+ 9 58.6	1.429	2.413	4.3	21.3
11 7	2 40.13	+ 9 9.6	1.444	2.431	3.0	21.2
11 17	2 30.48	+ 8 29.6	1.488	2.448	7.1	21.5
11 27	2 22.58	+ 8 3.4	1.557	2.465	11.3	21.8
12 7	2 17.17	+ 7 53.6	1.649	2.481	15.0	22.1

267116 2000 CN_{122} 11 5.2 245°.99 1°.7/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.53	+13 46.0	1.763	2.579	15.7	21.2
10 8	3 6.17	+13 14.1	1.671	2.566	12.3	21.0
10 18	2 59.19	+12 33.0	1.600	2.553	8.3	20.7
10 28	2 50.17	+11 45.6	1.555	2.540	3.9	20.4
11 7	2 40.13	+10 56.8	1.538	2.526	2.3	20.3
11 17	2 30.25	+10 12.4	1.549	2.511	6.6	20.5
11 27	2 21.74	+ 9 38.1	1.587	2.497	11.0	20.8
12 7	2 15.48	+ 9 18.2	1.648	2.482	14.9	21.0

64207 2001 TO_{99} 11 5.2 275°.25 2°.3/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.71	+23 23.2	1.699	2.496	17.0	19.7
10 8	3 5.91	+23 19.7	1.601	2.480	13.7	19.5
10 18	2 59.24	+23 0.2	1.522	2.462	9.8	19.2
10 28	2 50.28	+22 24.0	1.468	2.445	5.4	18.9
11 7	2 40.11	+21 33.4	1.440	2.428	2.3	18.7
11 17	2 30.03	+20 33.1	1.439	2.410	5.8	18.9
11 27	2 21.41	+19 31.1	1.466	2.392	10.4	19.1
12 7	2 15.28	+18 35.1	1.516	2.375	14.6	19.3

372338 2009 DQ_{82} 11 5.2 146°.74 4°.1/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.44	+ 8 44.0	1.691	2.512	16.0	21.8
10 8	3 7.35	+ 7 39.9	1.624	2.522	12.4	21.6
10 18	2 59.72	+ 6 30.4	1.579	2.531	8.5	21.4
10 28	2 50.29	+ 5 21.3	1.561	2.540	4.9	21.2
11 7	2 40.16	+ 4 19.6	1.570	2.547	4.7	21.2
11 17	2 30.48	+ 3 31.7	1.608	2.555	8.0	21.4
11 27	2 22.35	+ 3 2.1	1.671	2.561	11.8	21.7
12 7	2 16.53	+ 2 52.6	1.758	2.567	15.2	21.9

242289 2003 UA_{174} 11 5.2 108°.38 2°.6/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.55	+23 51.6	2.706	3.460	12.4	20.5
10 8	3 8.26	+24 30.6	2.627	3.478	10.0	20.3
10 18	3 0.02	+25 0.6	2.572	3.495	7.2	20.2
10 28	2 50.38	+25 20.2	2.545	3.512	4.3	20.0
11 7	2 40.13	+25 29.5	2.548	3.529	2.6	20.0
11 17	2 30.11	+25 29.7	2.582	3.546	4.2	20.1
11 27	2 21.17	+25 23.9	2.647	3.562	6.9	20.3
12 7	2 13.95	+25 15.7	2.740	3.578	9.5	20.5

323272 2003 SW_{365} 11 5.2 197°.67 0°.1/ 5.1 16

9 28	3 10.45	+18 45.9	1.487	2.305	18.0	21.0
10 8	3 6.48	+18 12.4	1.409	2.304	14.2	20.8
10 18	2 59.53	+17 23.5	1.352	2.303	9.6	20.5
10 28	2 50.34	+16 21.7	1.318	2.302	4.4	20.2
11 7	2 40.13	+15 12.7	1.311	2.301	1.0	20.0
11 17	2 30.30	+14 3.8	1.331	2.300	6.4	20.3
11 27	2 22.19	+13 3.6	1.377	2.298	11.4	20.6
12 7	2 16.73	+12 18.4	1.446	2.296	15.7	20.9

129702 1998 SH_{118} 11 5.2 67°.58 3°.1/ 2.8 18

9 28	3 9.36	+12 38.1	1.669	2.492	16.1	19.5
10 8	3 4.72	+11 13.5	1.622	2.522	12.3	19.3
10 18	2 57.75	+ 9 40.8	1.597	2.552	8.1	19.1
10 28	2 49.29	+ 8 6.8	1.599	2.582	4.2	19.0
11 7	2 40.41	+ 6 39.3	1.629	2.611	3.7	19.0
11 17	2 32.16	+ 5 25.4	1.688	2.640	7.2	19.3
11 27	2 25.50	+ 4 30.4	1.773	2.669	10.9	19.6
12 7	2 21.00	+ 3 56.3	1.881	2.698	14.0	19.8

177689 2005 EX_{323} 11 5.2 156°.30 0°.0/ 5.0 18

9 28	3 12.71	+18 10.0	1.840	2.639	15.7	21.4
10 8	3 7.56	+17 44.5	1.762	2.647	12.3	21.2
10 18	2 59.89	+17 7.2	1.706	2.654	8.3	21.0
10 28	2 50.40	+16 20.3	1.676	2.660	3.8	20.7
11 7	2 40.14	+15 27.8	1.675	2.665	0.9	20.5
11 17	2 30.26	+14 35.2	1.702	2.670	5.5	20.8
11 27	2 21.86	+13 48.5	1.758	2.674	9.7	21.1
12 7	2 15.71	+13 12.7	1.838	2.677	13.4	21.3

294675 2008 AM_{104} 11 5.2 14°.88 4°.0/ 2.6 18

9 28	3 7.53	+ 7 8.6	1.743	2.573	15.2	20.3
10 8	3 3.58	+ 6 29.6	1.672	2.574	11.9	20.1
10 18	2 57.26	+ 5 47.8	1.623	2.576	8.1	19.9
10 28	2 49.21	+ 5 8.2	1.599	2.578	4.8	19.7
11 7	2 40.40	+ 4 36.2	1.602	2.580	4.5	19.7
11 17	2 31.93	+ 4 16.4	1.632	2.582	7.7	19.9
11 27	2 24.81	+ 4 12.2	1.688	2.584	11.3	20.1
12 7	2 19.81	+ 4 24.8	1.767	2.587	14.7	20.3

247303 2001 TY_{68} 11 5.2 71°.17 1°.5/ 4.1 18

9 28	3 8.40	+15 7.7	1.852	2.666	15.1	20.6
10 8	3 3.92	+14 18.8	1.794	2.689	11.6	20.4
10 18	2 57.25	+13 20.7	1.759	2.712	7.7	20.2
10 28	2 49.10	+12 17.5	1.750	2.735	3.5	20.0
11 7	2 40.45	+11 14.8	1.769	2.757	2.0	20.0
11 17	2 32.30	+10 18.2	1.817	2.780	5.8	20.3
11 27	2 25.57	+ 9 32.8	1.893	2.802	9.5	20.6
12 7	2 20.86	+ 9 2.0	1.993	2.825	12.8	20.8

384405 2009 WU_{70} 11 5.2 290°.46 0°.4/ 4.9 18

9 28	3 8.32	+17 18.9	1.547	2.369	17.2	21.5
10 8	3 4.93	+16 54.8	1.455	2.353	13.6	21.3
10 18	2 58.62	+16 17.6	1.384	2.337	9.3	21.0
10 28	2 50.02	+15 29.0	1.336	2.320	4.3	20.6
11 7	2 40.21	+14 33.8	1.314	2.304	1.2	20.4
11 17	2 30.52	+13 38.5	1.319	2.288	6.5	20.7
11 27	2 22.35	+12 50.6	1.350	2.272	11.5	20.9
12 7	2 16.71	+12 16.3	1.404	2.256	16.0	21.2

144695 2004 GY_{2} 11 5.2 23°.48 5°.4/10.8 18

9 28	3 9.32	+39 12.9	1.600	2.337	20.2	18.2
10 8	3 5.54	+37 49.2	1.517	2.344	17.1	18.0
10 18	2 58.71	+35 48.0	1.452	2.353	13.3	17.7
10 28	2 49.83	+33 8.8	1.411	2.362	9.1	17.5
11 7	2 40.32	+29 58.0	1.398	2.372	5.7	17.4
11 17	2 31.62	+26 29.2	1.414	2.382	6.3	17.4
11 27	2 24.93	+23 0.3	1.462	2.394	10.0	17.7
12 7	2 20.96	+19 47.9	1.537	2.405	13.9	17.9

487246 2014 PN_{16} 11 5.2 103°.43 4°.7/ 1.3 18

9 28	3 5.81	+ 3 52.3	2.219	3.040	12.7	21.6
10 8	3 1.67	+ 2 55.0	2.151	3.046	9.9	21.4
10 18	2 55.68	+ 1 57.2	2.106	3.052	7.1	21.3
10 28	2 48.41	+ 1 4.0	2.089	3.058	4.9	21.1
11 7	2 40.62	+ 0 20.4	2.099	3.064	5.1	21.2
11 17	2 33.11	− 0 9.4	2.138	3.070	7.4	21.3
11 27	2 26.66	− 0 22.8	2.204	3.075	10.2	21.5
12 7	2 21.86	− 0 19.3	2.293	3.081	12.8	21.7

189618 2001 BD_{41} 11 5.2 142°.94 5°.7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.65	− 4 43.7	2.995	3.797	10.2	20.5
10 8	3 1.00	− 5 45.7	2.936	3.809	8.3	20.4
10 18	2 54.97	− 6 43.1	2.901	3.820	6.7	20.3
10 28	2 48.02	− 7 31.5	2.895	3.831	5.7	20.3
11 7	2 40.72	− 8 7.1	2.917	3.841	6.1	20.3
11 17	2 33.65	− 8 27.2	2.967	3.851	7.5	20.4
11 27	2 27.40	− 8 30.7	3.044	3.860	9.3	20.6
12 7	2 22.40	− 8 18.2	3.145	3.869	11.0	20.7

210415 2007 XD_{6} 11 5.2 7°.12 3°.4/ 2.8 18

9 28	3 6.88	+ 9 34.5	1.758	2.587	15.2	20.2
10 8	3 3.10	+ 8 45.4	1.685	2.587	11.8	20.0
10 18	2 56.95	+ 7 50.6	1.633	2.587	8.0	19.8
10 28	2 49.09	+ 6 55.2	1.607	2.588	4.4	19.6
11 7	2 40.48	+ 6 5.0	1.607	2.588	4.0	19.6
11 17	2 32.17	+ 5 25.6	1.636	2.589	7.3	19.8
11 27	2 25.22	+ 5 1.7	1.691	2.590	11.1	20.0
12 7	2 20.35	+ 4 55.2	1.768	2.591	14.5	20.2

49125 1998 SB_{22} 11 5.2 140°.24 1°.7/ 4.0 18

9 28	3 9.61	+15 2.1	1.636	2.456	16.5	18.7
10 8	3 5.41	+14 12.6	1.563	2.460	12.8	18.5
10 18	2 58.58	+13 11.7	1.510	2.464	8.5	18.2
10 28	2 49.85	+12 3.6	1.483	2.468	3.9	18.0
11 7	2 40.31	+10 54.6	1.484	2.472	2.3	17.9
11 17	2 31.17	+ 9 51.8	1.512	2.475	6.6	18.2
11 27	2 23.58	+ 9 1.7	1.567	2.478	11.0	18.4
12 7	2 18.33	+ 8 28.7	1.645	2.481	14.8	18.7

471013 2009 SC_{275} 11 5.2 29°.18 1°.8/ 4.3 18

9 28	3 7.74	+14 18.7	1.083	1.936	20.9	20.5
10 8	3 4.93	+13 52.4	1.034	1.949	16.2	20.3
10 18	2 58.67	+13 14.5	1.002	1.963	10.8	20.0
10 28	2 49.96	+12 29.9	0.992	1.978	4.9	19.8
11 7	2 40.32	+11 45.7	1.005	1.994	2.5	19.7
11 17	2 31.39	+11 9.2	1.043	2.012	7.8	20.1
11 27	2 24.64	+10 47.1	1.104	2.030	13.1	20.4
12 7	2 20.93	+10 42.7	1.185	2.049	17.5	20.7

514745 2007 DD_{42} 11 5.2 239°.24 6°.2/ 9.3 18

9 28	3 14.07	+32 24.5	1.889	2.635	17.2	22.0
10 8	3 9.34	+33 0.6	1.790	2.624	14.6	21.8
10 18	3 1.59	+33 18.7	1.710	2.613	11.5	21.6
10 28	2 51.42	+33 14.6	1.654	2.601	8.3	21.3
11 7	2 39.95	+32 46.6	1.623	2.588	6.3	21.2
11 17	2 28.58	+31 57.1	1.620	2.575	7.2	21.2
11 27	2 18.74	+30 52.5	1.644	2.562	10.1	21.4
12 7	2 11.52	+29 42.2	1.693	2.548	13.5	21.6

167393 2003 WK_{95} 11 5.2 0°.69 1°.3/ 4.5 18

9 28	3 8.41	+13 57.7	1.615	2.440	16.5	19.8
10 8	3 4.62	+13 43.4	1.539	2.439	12.9	19.5
10 18	2 58.16	+13 20.9	1.484	2.439	8.6	19.3
10 28	2 49.71	+12 53.1	1.453	2.439	3.9	19.0
11 7	2 40.35	+12 24.0	1.450	2.439	1.8	18.9
11 17	2 31.30	+11 58.4	1.473	2.440	6.3	19.2
11 27	2 23.75	+11 41.4	1.523	2.441	10.8	19.4
12 7	2 18.55	+11 36.4	1.595	2.442	14.7	19.7

422353 2014 SH_{229} 11 5.2 0°.50 1°.0/ 4.4 18

9 28	3 3.78	+15 45.2	1.998	2.815	14.0	20.6
10 8	3 0.49	+15 7.2	1.918	2.814	10.9	20.3
10 18	2 55.12	+14 19.5	1.861	2.814	7.3	20.1
10 28	2 48.24	+13 25.3	1.829	2.814	3.3	19.9
11 7	2 40.69	+12 29.3	1.825	2.814	1.5	19.8
11 17	2 33.40	+11 36.5	1.850	2.815	5.4	20.0
11 27	2 27.27	+10 52.4	1.902	2.816	9.2	20.3
12 7	2 22.97	+10 20.7	1.978	2.818	12.5	20.5

221415 2005 YA_{138} 11 5.2 75°.28 1°.9/ 3.8 18

9 28	3 7.61	+11 19.3	2.151	2.964	13.3	20.1
10 8	3 3.17	+10 57.5	2.080	2.974	10.3	19.9
10 18	2 56.75	+10 31.1	2.031	2.983	6.8	19.7
10 28	2 48.94	+10 3.0	2.009	2.993	3.3	19.5
11 7	2 40.55	+ 9 36.7	2.016	3.002	2.3	19.5
11 17	2 32.47	+ 9 15.8	2.052	3.012	5.5	19.7
11 27	2 25.53	+ 9 3.6	2.116	3.021	8.9	19.9
12 7	2 20.37	+ 9 2.1	2.204	3.030	11.9	20.1

91630 1999 TQ_{59} 11 5.2 168°.09 2°.7/ 2.7 18

9 28	3 5.35	+10 38.5	2.290	3.105	12.5	20.4
10 8	3 1.34	+ 9 40.5	2.211	3.107	9.7	20.2
10 18	2 55.50	+ 8 36.6	2.156	3.108	6.5	20.0
10 28	2 48.37	+ 7 31.2	2.128	3.109	3.5	19.8
11 7	2 40.68	+ 6 29.1	2.129	3.110	3.2	19.8
11 17	2 33.23	+ 5 35.3	2.160	3.111	6.0	20.0
11 27	2 26.81	+ 4 54.0	2.218	3.111	9.2	20.2
12 7	2 22.01	+ 4 27.8	2.302	3.112	12.0	20.4

98586 2000 WX_{44} 11 5.2 159°.57 2°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.72	+ 9 29.2	2.120	2.925	13.7	19.6
10 8	3 7.18	+ 9 13.9	2.042	2.931	10.7	19.4
10 18	2 59.47	+ 8 55.4	1.988	2.937	7.2	19.2
10 28	2 50.21	+ 8 36.5	1.960	2.942	3.7	19.0
11 7	2 40.28	+ 8 20.6	1.962	2.946	2.8	18.9
11 17	2 30.63	+ 8 10.8	1.994	2.950	5.9	19.1
11 27	2 22.22	+ 8 10.2	2.054	2.954	9.4	19.3
12 7	2 15.74	+ 8 20.2	2.140	2.956	12.6	19.6

215721 2004 BU_{96} 11 5.2 216°.59 4°.1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.53	+ 5 55.0	2.188	3.006	13.0	20.9
10 8	3 3.16	+ 5 2.9	2.106	3.001	10.1	20.7
10 18	2 56.80	+ 4 8.3	2.047	2.995	7.1	20.5
10 28	2 49.00	+ 3 15.8	2.015	2.990	4.5	20.3
11 7	2 40.54	+ 2 30.8	2.012	2.983	4.6	20.3
11 17	2 32.30	+ 1 57.5	2.037	2.977	7.2	20.4
11 27	2 25.12	+ 1 39.5	2.090	2.970	10.3	20.6
12 7	2 19.66	+ 1 38.0	2.166	2.963	13.1	20.8

296811 2009 VX_{94} 11 5.2 110°.56 1°.2/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.89	+13 51.3	2.445	3.250	12.1	21.4
10 8	3 1.64	+13 22.5	2.368	3.257	9.4	21.3
10 18	2 55.65	+12 47.5	2.314	3.264	6.2	21.1
10 28	2 48.42	+12 8.8	2.287	3.271	2.9	20.9
11 7	2 40.68	+11 29.9	2.290	3.278	1.6	20.8
11 17	2 33.19	+10 54.4	2.322	3.284	4.7	21.0
11 27	2 26.68	+10 25.9	2.383	3.291	7.9	21.2
12 7	2 21.74	+10 7.0	2.470	3.297	10.8	21.4

116823 2004 FY_{12} 11 5.2 95°.97 1°.8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.49	+23 4.4	1.599	2.399	17.8	20.0
10 8	3 7.00	+22 44.7	1.531	2.411	14.1	19.8
10 18	2 59.70	+22 8.0	1.482	2.424	9.8	19.6
10 28	2 50.38	+21 15.3	1.458	2.437	5.1	19.4
11 7	2 40.26	+20 10.9	1.460	2.449	1.8	19.2
11 17	2 30.66	+19 1.4	1.490	2.462	5.6	19.5
11 27	2 22.80	+17 55.0	1.548	2.473	10.0	19.8
12 7	2 17.48	+16 58.7	1.629	2.485	13.9	20.0

131537 2001 UV_{115} 11 5.2 7°.97 1°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.32	+16 31.6	1.125	1.971	20.8	20.4
10 8	3 5.61	+16 3.9	1.060	1.971	16.3	20.1
10 18	2 59.36	+15 21.1	1.013	1.972	11.0	19.8
10 28	2 50.42	+14 26.7	0.987	1.973	5.0	19.5
11 7	2 40.25	+13 27.6	0.985	1.975	1.8	19.3
11 17	2 30.58	+12 32.6	1.008	1.978	7.7	19.6
11 27	2 23.02	+11 50.4	1.054	1.981	13.4	20.0
12 7	2 18.62	+11 26.9	1.120	1.985	18.2	20.3

386456 2008 XV_{11} 11 5.2 87°.02 2°.8/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.38	+24 56.4	1.750	2.536	16.9	20.8
10 8	3 6.76	+24 56.1	1.680	2.550	13.6	20.6
10 18	2 59.47	+24 39.6	1.630	2.564	9.7	20.4
10 28	2 50.27	+24 6.7	1.604	2.578	5.6	20.2
11 7	2 40.30	+23 20.1	1.605	2.591	2.8	20.1
11 17	2 30.78	+22 24.6	1.635	2.605	5.4	20.3
11 27	2 22.88	+21 27.6	1.692	2.618	9.3	20.6
12 7	2 17.39	+20 35.8	1.774	2.631	12.9	20.8

454427 2014 OW_{6} 11 5.2 35°.84 0°.7/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.89	+19 21.9	1.706	2.519	16.2	21.4
10 8	3 3.15	+19 8.2	1.645	2.536	12.7	21.3
10 18	2 56.97	+18 42.5	1.605	2.554	8.6	21.1
10 28	2 49.09	+18 6.5	1.589	2.572	4.1	20.8
11 7	2 40.56	+17 24.2	1.600	2.591	0.9	20.6
11 17	2 32.49	+16 40.7	1.640	2.610	5.2	21.0
11 27	2 25.92	+16 1.8	1.706	2.630	9.3	21.3
12 7	2 21.54	+15 32.2	1.796	2.651	12.9	21.5

397998 2009 BY_{166} 11 5.2 323°.14 10°.6/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.42	− 3 43.9	1.399	2.249	17.2	20.4
10 8	3 1.19	− 5 29.7	1.323	2.226	14.4	20.2
10 18	2 56.15	− 7 13.1	1.268	2.203	11.8	19.9
10 28	2 48.92	− 8 42.4	1.236	2.182	10.6	19.8
11 7	2 40.56	− 9 46.0	1.226	2.161	11.6	19.8
11 17	2 32.36	−10 15.7	1.240	2.141	14.4	19.9
11 27	2 25.63	−10 8.1	1.274	2.122	17.7	20.1
12 7	2 21.35	− 9 25.3	1.325	2.104	20.8	20.3

230752 2003 WP_{134} 11 5.2 328°.04 0°.4/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.35	+15 37.0	1.958	2.774	14.3	20.2
10 8	3 1.94	+15 28.5	1.865	2.760	11.3	20.0
10 18	2 56.26	+15 11.9	1.794	2.746	7.6	19.7
10 28	2 48.86	+14 48.9	1.748	2.733	3.5	19.4
11 7	2 40.58	+14 22.7	1.730	2.720	1.0	19.2
11 17	2 32.42	+13 57.1	1.740	2.708	5.3	19.5
11 27	2 25.41	+13 36.6	1.777	2.696	9.4	19.7
12 7	2 20.33	+13 24.9	1.838	2.685	13.0	19.9

439026 2011 ER_{20} 11 5.2 239°.41 1°.8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.73	+12 20.7	1.756	2.570	15.8	21.8
10 8	3 7.92	+12 7.3	1.666	2.559	12.4	21.6
10 18	3 0.41	+11 47.5	1.597	2.549	8.4	21.3
10 28	2 50.82	+11 23.8	1.553	2.537	4.0	21.0
11 7	2 40.16	+11 0.0	1.538	2.526	2.2	20.9
11 17	2 29.65	+10 40.5	1.550	2.513	6.5	21.1
11 27	2 20.53	+10 29.7	1.590	2.501	10.9	21.4
12 7	2 13.74	+10 30.9	1.654	2.488	14.9	21.6

516191 2016 RG_{45} 11 5.2 317°.29 5°.1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.73	+ 6 22.7	1.462	2.305	17.0	20.3
10 8	3 3.70	+ 5 38.4	1.378	2.287	13.4	20.1
10 18	2 57.82	+ 4 50.3	1.314	2.269	9.4	19.8
10 28	2 49.69	+ 4 4.5	1.273	2.252	5.8	19.6
11 7	2 40.40	+ 3 28.2	1.258	2.235	5.7	19.5
11 17	2 31.24	+ 3 7.8	1.269	2.219	9.3	19.7
11 27	2 23.57	+ 3 7.9	1.303	2.203	13.7	19.9
12 7	2 18.39	+ 3 29.7	1.358	2.189	17.7	20.1

21659 Fredholm 11 5.2 77°.24 0°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.14	+16 8.6	1.685	2.496	16.5	18.6
10 8	3 7.24	+16 4.1	1.621	2.512	12.9	18.4
10 18	2 59.73	+15 50.6	1.578	2.528	8.6	18.2
10 28	2 50.38	+15 29.8	1.560	2.544	3.9	18.0
11 7	2 40.29	+15 5.1	1.569	2.560	0.9	17.8
11 17	2 30.68	+14 40.6	1.607	2.575	5.6	18.1
11 27	2 22.68	+14 21.4	1.672	2.591	9.9	18.4
12 7	2 17.04	+14 11.2	1.761	2.607	13.5	18.7

130279 2000 DO_{87} 11 5.2 85°.02 8°.9/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.75	−11 50.4	2.371	3.172	12.6	19.5
10 8	3 1.47	−13 9.4	2.325	3.182	10.8	19.4
10 18	2 55.48	−14 18.0	2.302	3.193	9.4	19.4
10 28	2 48.34	−15 9.7	2.303	3.204	8.9	19.3
11 7	2 40.76	−15 39.8	2.331	3.214	9.4	19.4
11 17	2 33.51	−15 45.7	2.383	3.225	10.7	19.5
11 27	2 27.30	−15 27.5	2.458	3.235	12.4	19.6
12 7	2 22.66	−14 47.4	2.554	3.246	14.0	19.8

483138 2015 OA_{25} 11 5.2 133°.98 6°.2/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.63	+37 58.4	2.275	2.978	15.8	21.6
10 8	3 8.21	+38 4.5	2.193	2.991	13.5	21.5
10 18	3 0.30	+37 49.6	2.129	3.004	10.8	21.3
10 28	2 50.63	+37 11.2	2.090	3.016	8.2	21.2
11 7	2 40.26	+36 9.7	2.076	3.027	6.4	21.1
11 17	2 30.35	+34 48.8	2.092	3.037	6.6	21.1
11 27	2 21.96	+33 15.7	2.136	3.048	8.5	21.3
12 7	2 15.83	+31 38.9	2.208	3.057	11.0	21.4

66977 1999 XX_{82} 11 5.2 308°.86 2°.6/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.34	+25 47.4	2.068	2.851	14.8	18.5
10 8	3 1.97	+25 34.3	1.968	2.837	12.0	18.3
10 18	2 56.30	+25 5.3	1.889	2.822	8.7	18.0
10 28	2 48.89	+24 20.3	1.834	2.807	5.1	17.8
11 7	2 40.61	+23 21.6	1.807	2.793	2.6	17.6
11 17	2 32.48	+22 13.6	1.809	2.779	4.9	17.7
11 27	2 25.52	+21 3.0	1.838	2.765	8.6	17.9
12 7	2 20.54	+19 56.7	1.893	2.752	12.1	18.1

76550 2000 GH_{85} 11 5.2 331°.98 11°.5/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.06	− 8 12.6	1.393	2.231	17.9	18.0
10 8	3 4.04	− 9 17.9	1.321	2.211	15.2	17.8
10 18	2 58.08	−10 12.4	1.267	2.191	12.8	17.6
10 28	2 49.83	−10 45.4	1.235	2.173	11.5	17.4
11 7	2 40.43	−10 48.1	1.225	2.155	12.1	17.4
11 17	2 31.24	−10 15.6	1.239	2.139	14.4	17.5
11 27	2 23.63	− 9 7.9	1.273	2.124	17.5	17.7
12 7	2 18.60	− 7 29.8	1.325	2.110	20.5	17.8

81534 2000 HM_{15} 11 5.2 139°.21 2°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.94	+11 41.3	2.222	3.032	13.0	20.4
10 8	3 3.38	+10 57.8	2.147	3.040	10.1	20.2
10 18	2 56.89	+10 8.4	2.096	3.048	6.7	20.0
10 28	2 49.05	+ 9 16.7	2.073	3.055	3.3	19.8
11 7	2 40.65	+ 8 27.3	2.078	3.062	2.6	19.8
11 17	2 32.55	+ 7 44.5	2.113	3.069	5.7	20.0
11 27	2 25.57	+ 7 12.3	2.176	3.075	9.0	20.2
12 7	2 20.32	+ 6 53.3	2.264	3.081	12.0	20.4

334451 2002 NM_{41} 11 5.2 136°.13 6°.9/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.24	+37 33.4	2.259	2.963	15.9	21.3
10 8	3 9.65	+38 10.8	2.178	2.974	13.6	21.1
10 18	3 1.42	+38 29.2	2.115	2.985	11.1	21.0
10 28	2 51.24	+38 24.9	2.076	2.995	8.6	20.9
11 7	2 40.18	+37 56.9	2.062	3.005	7.0	20.8
11 17	2 29.46	+37 7.3	2.077	3.015	7.2	20.8
11 27	2 20.25	+36 2.3	2.120	3.024	9.0	20.9
12 7	2 13.40	+34 49.7	2.188	3.032	11.3	21.1

403179 2008 HT_{20} 11 5.2 130°.65 0°.1/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.28	+17 2.9	2.510	3.302	12.2	22.5
10 8	3 3.47	+16 46.0	2.432	3.313	9.5	22.4
10 18	2 56.87	+16 21.6	2.378	3.324	6.4	22.2
10 28	2 49.03	+15 51.2	2.351	3.334	2.9	22.0
11 7	2 40.67	+15 17.5	2.354	3.344	0.7	21.8
11 17	2 32.58	+14 43.8	2.387	3.354	4.2	22.1
11 27	2 25.51	+14 14.0	2.450	3.363	7.4	22.3
12 7	2 20.04	+13 51.1	2.539	3.372	10.3	22.5

314608 2006 BQ_{274} 11 5.2 177°.21 3°.0/ 7.9 17

9 28	3 8.85	+27 13.8	2.759	3.510	12.2	21.3
10 8	3 4.01	+27 26.4	2.666	3.512	10.0	21.1
10 18	2 57.32	+27 27.5	2.595	3.512	7.4	20.9
10 28	2 49.28	+27 16.4	2.551	3.513	4.7	20.8
11 7	2 40.61	+26 53.7	2.535	3.513	3.0	20.7
11 17	2 32.10	+26 21.8	2.550	3.513	4.2	20.7
11 27	2 24.56	+25 44.3	2.594	3.513	6.8	20.9
12 7	2 18.61	+25 6.0	2.666	3.513	9.4	21.1

304286 2006 SJ_{60} 11 5.2 81°.12 0°.0/ 5.2 18

9 28	3 12.38	+15 56.3	1.907	2.710	15.2	20.4
10 8	3 7.19	+16 4.8	1.838	2.724	11.8	20.2
10 18	2 59.63	+16 5.8	1.791	2.739	7.9	20.0
10 28	2 50.36	+16 0.5	1.770	2.753	3.7	19.8
11 7	2 40.40	+15 51.1	1.777	2.768	0.8	19.6
11 17	2 30.81	+15 40.6	1.814	2.782	5.1	19.9
11 27	2 22.65	+15 32.8	1.878	2.796	9.0	20.2
12 7	2 16.63	+15 31.2	1.968	2.810	12.5	20.5

332979 2011 FE_{17} 11 5.2 291°.94 4°.8/31.6 17

9 28	3 3.55	+ 5 21.9	2.261	3.086	12.4	20.8
10 8	3 0.15	+ 4 0.6	2.168	3.066	9.7	20.5
10 18	2 54.87	+ 2 34.9	2.099	3.046	7.0	20.3
10 28	2 48.20	+ 1 10.4	2.057	3.027	5.0	20.2
11 7	2 40.84	− 0 6.4	2.043	3.007	5.4	20.2
11 17	2 33.60	− 1 9.5	2.058	2.987	7.9	20.3
11 27	2 27.28	− 1 54.4	2.100	2.967	10.8	20.5
12 7	2 22.54	− 2 19.1	2.165	2.947	13.6	20.6

485027 2009 WA_{92} 11 5.2 114°.75 3°.4/ 8.7 18

9 28	3 7.64	+29 45.5	2.570	3.317	13.1	21.5
10 8	3 3.14	+29 40.7	2.486	3.327	10.8	21.4
10 18	2 56.74	+29 21.2	2.423	3.336	8.1	21.2
10 28	2 49.00	+28 46.7	2.387	3.345	5.3	21.0
11 7	2 40.69	+27 58.8	2.379	3.355	3.5	20.9
11 17	2 32.67	+27 0.8	2.400	3.364	4.5	21.0
11 27	2 25.74	+25 57.8	2.451	3.372	7.0	21.2
12 7	2 20.52	+24 55.4	2.529	3.381	9.7	21.4

139528 2001 QO_{5} 11 5.2 12°.11 5°.6/ 8.5 18

9 28	3 6.53	+27 44.6	1.316	2.124	20.4	18.9
10 8	3 4.09	+28 29.3	1.251	2.129	16.8	18.7
10 18	2 58.31	+28 54.0	1.204	2.135	12.6	18.5
10 28	2 49.98	+28 55.6	1.177	2.143	8.4	18.3
11 7	2 40.48	+28 34.2	1.175	2.153	5.7	18.2
11 17	2 31.41	+27 54.1	1.196	2.164	7.3	18.3
11 27	2 24.32	+27 3.8	1.242	2.176	11.1	18.6
12 7	2 20.20	+26 12.9	1.310	2.189	15.1	18.8

124075 Ketelsen 11 5.2 298°.33 0°.0/ 5.3 17

9 28	3 6.04	+17 45.0	2.142	2.947	13.7	20.6
10 8	3 2.31	+17 29.1	2.045	2.932	10.8	20.4
10 18	2 56.45	+17 3.5	1.970	2.918	7.3	20.1
10 28	2 48.98	+16 29.8	1.921	2.904	3.4	19.9
11 7	2 40.69	+15 50.9	1.900	2.890	0.7	19.6
11 17	2 32.52	+15 10.9	1.907	2.876	4.8	19.9
11 27	2 25.41	+14 34.6	1.943	2.863	8.7	20.1
12 7	2 20.11	+14 6.4	2.004	2.849	12.2	20.3

112536 2002 PS_{38} 11 5.2 285°.59 0°.4/ 4.9 17

9 28	3 5.13	+17 3.6	2.319	3.122	12.8	20.0
10 8	3 1.37	+16 35.3	2.225	3.112	10.0	19.7
10 18	2 55.67	+15 57.8	2.154	3.103	6.7	19.5
10 28	2 48.57	+15 13.1	2.109	3.093	3.1	19.3
11 7	2 40.79	+14 24.7	2.094	3.084	0.9	19.1
11 17	2 33.16	+13 36.8	2.107	3.074	4.7	19.4
11 27	2 26.52	+12 54.1	2.150	3.065	8.2	19.6
12 7	2 21.53	+12 20.6	2.218	3.055	11.4	19.8

76123 2000 EE 11 5.2 227°.86 4°.2/ 2.5 18

9 28	3 10.67	+ 4 18.4	2.103	2.917	13.6	19.2
10 8	3 5.73	+ 3 52.9	2.019	2.911	10.7	19.0
10 18	2 58.62	+ 3 27.5	1.958	2.904	7.5	18.8
10 28	2 49.94	+ 3 6.3	1.924	2.898	4.8	18.6
11 7	2 40.50	+ 2 53.4	1.918	2.891	4.6	18.6
11 17	2 31.26	+ 2 52.0	1.941	2.884	7.2	18.8
11 27	2 23.16	+ 3 4.4	1.991	2.876	10.5	19.0
12 7	2 16.94	+ 3 31.2	2.066	2.868	13.5	19.1

277033 2005 CR_{24} 11 5.3 312°.56 3°.1/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 3.47	+10 45.2	1.980	2.807	13.8	21.0
10 8	3 0.47	+ 9 47.2	1.879	2.782	10.8	20.8
10 18	2 55.31	+ 8 40.9	1.802	2.757	7.3	20.5
10 28	2 48.49	+ 7 30.8	1.750	2.732	4.0	20.3
11 7	2 40.80	+ 6 22.9	1.726	2.708	3.7	20.2
11 17	2 33.17	+ 5 23.4	1.731	2.683	7.0	20.4
11 27	2 26.60	+ 4 38.1	1.761	2.660	10.8	20.5
12 7	2 21.84	+ 4 10.7	1.815	2.636	14.3	20.7

432255 2009 RJ_{47} 11 5.3 44°.34 1°.4/ 4.4 18

9 28	3 8.63	+16 3.2	1.334	2.169	18.8	21.2
10 8	3 5.19	+15 20.5	1.272	2.177	14.6	20.9
10 18	2 58.72	+14 24.3	1.229	2.186	9.7	20.7
10 28	2 50.05	+13 19.2	1.210	2.195	4.4	20.4
11 7	2 40.50	+12 12.3	1.216	2.205	2.0	20.3
11 17	2 31.49	+11 11.4	1.248	2.215	7.1	20.6
11 27	2 24.32	+10 24.3	1.305	2.225	12.0	20.9
12 7	2 19.85	+ 9 55.4	1.384	2.236	16.2	21.2

519484 2012 DX_{101} 11 5.3 137°.38 6°.4/29.4 18

9 28	3 5.49	− 6 28.1	2.848	3.650	10.7	22.2
10 8	3 1.00	− 7 38.1	2.792	3.661	8.8	22.0
10 18	2 55.07	− 8 42.4	2.760	3.672	7.2	22.0
10 28	2 48.18	− 9 36.0	2.756	3.683	6.5	21.9
11 7	2 40.91	−10 14.8	2.780	3.693	6.9	22.0
11 17	2 33.89	−10 36.1	2.831	3.702	8.3	22.1
11 27	2 27.71	−10 38.7	2.908	3.712	10.0	22.2
12 7	2 22.85	−10 23.6	3.008	3.721	11.7	22.4

97407 2000 AU_{138} 11 5.3 318°.90 3°.7/ 2.9 18

9 28	3 5.71	+10 4.1	1.502	2.343	16.7	18.6
10 8	3 2.88	+ 9 19.9	1.416	2.325	13.1	18.4
10 18	2 57.27	+ 8 27.9	1.351	2.308	8.9	18.1
10 28	2 49.50	+ 7 33.4	1.309	2.292	4.8	17.8
11 7	2 40.60	+ 6 43.1	1.293	2.276	4.2	17.7
11 17	2 31.85	+ 6 4.0	1.303	2.260	8.2	17.9
11 27	2 24.55	+ 5 41.9	1.338	2.246	12.8	18.1
12 7	2 19.66	+ 5 39.8	1.393	2.232	16.9	18.4

195697 2002 PR_{23} 11 5.3 26°.21 4°.0/ 8.6 17

9 28	3 7.46	+28 55.7	2.181	2.943	14.7	20.5
10 8	3 3.46	+29 9.3	2.096	2.947	12.1	20.3
10 18	2 57.21	+29 7.7	2.033	2.950	9.1	20.1
10 28	2 49.32	+28 49.6	1.994	2.954	6.0	19.9
11 7	2 40.67	+28 16.1	1.982	2.958	4.0	19.8
11 17	2 32.26	+27 30.3	1.999	2.963	5.2	19.9
11 27	2 25.10	+26 37.6	2.043	2.967	8.1	20.1
12 7	2 19.90	+25 44.5	2.114	2.972	11.1	20.3

319335 2006 BA_{243} 11 5.3 73°.06 7°.3/11.8 18

9 28	3 13.54	+38 50.5	2.314	3.012	15.7	20.4
10 8	3 8.30	+39 40.7	2.242	3.030	13.5	20.2
10 18	3 0.51	+40 12.1	2.188	3.048	11.2	20.1
10 28	2 50.85	+40 21.0	2.158	3.067	8.9	20.0
11 7	2 40.35	+40 6.2	2.153	3.085	7.5	20.0
11 17	2 30.20	+39 29.4	2.175	3.103	7.5	20.0
11 27	2 21.53	+38 36.1	2.224	3.121	8.9	20.1
12 7	2 15.14	+37 33.7	2.299	3.139	11.0	20.3

446370 2014 HC_{40} 11 5.3 86°.49 3°.0/ 2.9 15

9 28	3 7.63	+10 49.7	1.942	2.762	14.3	21.8
10 8	3 3.33	+ 9 50.2	1.879	2.777	11.0	21.6
10 18	2 56.94	+ 8 44.7	1.839	2.792	7.4	21.4
10 28	2 49.11	+ 7 38.1	1.825	2.807	3.9	21.2
11 7	2 40.74	+ 6 36.2	1.840	2.822	3.5	21.2
11 17	2 32.78	+ 5 44.5	1.884	2.837	6.6	21.4
11 27	2 26.10	+ 5 7.4	1.955	2.851	10.0	21.7
12 7	2 21.33	+ 4 46.9	2.050	2.866	13.1	21.9

426058 2012 BV_{78} 11 5.3 185°.74 0°.8/ 5.8 17

9 28	3 12.08	+20 58.9	1.581	2.386	17.7	22.2
10 8	3 7.69	+20 28.9	1.500	2.386	14.0	22.0
10 18	3 0.37	+19 42.3	1.439	2.386	9.6	21.7
10 28	2 50.86	+18 40.7	1.403	2.385	4.7	21.4
11 7	2 40.36	+17 28.8	1.393	2.384	1.0	21.2
11 17	2 30.22	+16 13.9	1.412	2.382	5.9	21.5
11 27	2 21.77	+15 4.6	1.458	2.380	10.8	21.8
12 7	2 15.91	+14 8.2	1.527	2.378	15.0	22.0

37630 Thomasmore 11 5.3 75°.49 0°.9/ 4.8 18

9 28	3 14.79	+15 35.3	1.325	2.150	19.4	19.2
10 8	3 9.83	+15 18.2	1.272	2.171	15.1	18.9
10 18	3 1.72	+14 50.3	1.238	2.192	10.0	18.7
10 28	2 51.39	+14 14.6	1.228	2.213	4.5	18.5
11 7	2 40.28	+13 36.0	1.243	2.233	1.5	18.3
11 17	2 29.90	+13 0.9	1.286	2.254	6.8	18.7
11 27	2 21.59	+12 35.2	1.354	2.275	11.6	19.1
12 7	2 16.16	+12 23.2	1.445	2.295	15.7	19.4

304292 2006 SK_{77} 11 5.3 82°.93 5°.1/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.29	+36 5.4	2.289	2.996	15.6	20.2
10 8	3 10.53	+35 50.4	2.231	3.038	13.0	20.1
10 18	3 1.52	+35 14.8	2.194	3.079	10.1	20.0
10 28	2 51.11	+34 17.8	2.181	3.119	7.2	19.9
11 7	2 40.36	+33 1.5	2.197	3.159	5.2	19.8
11 17	2 30.35	+31 31.2	2.244	3.197	5.6	19.9
11 27	2 22.00	+29 54.7	2.320	3.235	7.7	20.1
12 7	2 15.88	+28 19.7	2.425	3.272	10.3	20.4

523643 2010 TY_{53} 11 5.3 327°.32 0°.8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 46.14	− 7 35.7	27.705	28.501	1.2	20.4
10 8	2 45.25	− 7 43.5	27.623	28.487	1.0	20.3
10 18	2 44.23	− 7 50.6	27.567	28.473	0.8	20.3
10 28	2 43.14	− 7 56.5	27.539	28.459	0.8	20.3
11 7	2 42.01	− 8 1.2	27.539	28.445	0.8	20.3
11 17	2 40.89	− 8 4.2	27.567	28.431	1.0	20.3
11 27	2 39.83	− 8 5.6	27.622	28.417	1.2	20.3
12 7	2 38.86	− 8 5.1	27.701	28.403	1.4	20.4

111055 2001 VK_{39} 11 5.3 335°.41 1°.3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.54	+13 49.0	1.897	2.714	14.7	19.8
10 8	3 3.61	+13 29.8	1.816	2.711	11.5	19.6
10 18	2 57.36	+13 3.2	1.756	2.708	7.7	19.3
10 28	2 49.42	+12 31.8	1.721	2.706	3.5	19.1
11 7	2 40.68	+11 59.5	1.714	2.703	1.7	18.9
11 17	2 32.17	+11 30.7	1.736	2.701	5.7	19.2
11 27	2 24.91	+11 9.8	1.785	2.699	9.7	19.4
12 7	2 19.67	+11 0.0	1.858	2.697	13.2	19.7

147029 2002 RU_{28} 11 5.3 22°.05 0°.3/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.91	+19 2.6	1.055	1.907	21.5	19.4
10 8	3 3.00	+18 22.1	1.002	1.915	16.8	19.1
10 18	2 57.59	+17 22.2	0.965	1.925	11.3	18.8
10 28	2 49.63	+16 7.6	0.950	1.936	5.2	18.6
11 7	2 40.66	+14 46.6	0.957	1.948	1.3	18.3
11 17	2 32.35	+13 30.0	0.989	1.961	7.4	18.8
11 27	2 26.20	+12 27.9	1.044	1.976	13.0	19.1
12 7	2 23.12	+11 46.7	1.119	1.992	17.6	19.5

367636 2009 VT_{108} 11 5.3 62°.95 2°.4/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.82	+ 9 22.4	2.099	2.914	13.6	20.4
10 8	3 4.11	+ 9 5.2	2.037	2.931	10.5	20.2
10 18	2 57.40	+ 8 45.2	1.997	2.948	7.0	20.1
10 28	2 49.32	+ 8 25.3	1.984	2.966	3.6	19.9
11 7	2 40.72	+ 8 9.0	1.999	2.983	2.8	19.9
11 17	2 32.49	+ 7 59.4	2.044	3.001	5.8	20.1
11 27	2 25.47	+ 7 59.0	2.116	3.018	9.1	20.3
12 7	2 20.26	+ 8 9.3	2.213	3.036	12.0	20.6

214803 2006 UK_{209} 11 5.3 61°.14 1°.0/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.63	+15 6.6	1.942	2.755	14.6	21.2
10 8	3 3.57	+14 38.9	1.864	2.757	11.3	21.0
10 18	2 57.27	+14 2.6	1.807	2.759	7.6	20.7
10 28	2 49.35	+13 20.4	1.776	2.761	3.4	20.5
11 7	2 40.71	+12 36.3	1.774	2.763	1.5	20.3
11 17	2 32.34	+11 55.3	1.800	2.765	5.5	20.6
11 27	2 25.23	+11 22.1	1.853	2.767	9.4	20.9
12 7	2 20.10	+11 0.5	1.931	2.769	12.9	21.1

400913 2010 TS_{101} 11 5.3 107°.03 1°.5/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.95	+13 10.5	2.071	2.882	13.8	21.5
10 8	3 3.65	+12 45.9	1.993	2.886	10.7	21.3
10 18	2 57.23	+12 14.7	1.937	2.889	7.1	21.1
10 28	2 49.31	+11 39.8	1.908	2.893	3.3	20.8
11 7	2 40.72	+11 5.0	1.908	2.896	1.9	20.7
11 17	2 32.40	+10 34.4	1.937	2.899	5.5	21.0
11 27	2 25.26	+10 12.0	1.993	2.902	9.1	21.2
12 7	2 19.98	+10 0.7	2.074	2.906	12.4	21.4

187377 2005 UC_{361} 11 5.3 126°.27 0°.5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.34	+16 16.4	2.177	2.981	13.5	21.3
10 8	3 3.10	+15 51.8	2.096	2.984	10.5	21.1
10 18	2 56.84	+15 18.7	2.038	2.987	7.0	20.9
10 28	2 49.12	+14 39.3	2.007	2.991	3.2	20.7
11 7	2 40.77	+13 57.0	2.004	2.994	1.0	20.5
11 17	2 32.67	+13 16.1	2.031	2.997	4.9	20.8
11 27	2 25.70	+12 41.1	2.086	3.000	8.5	21.1
12 7	2 20.52	+12 15.7	2.166	3.003	11.7	21.3

519799 2013 GQ_{140} 11 5.3 118°.22 5°.1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.14	+ 1 9.1	2.309	3.125	12.4	21.2
10 8	3 2.67	+ 0 22.5	2.241	3.131	9.8	21.1
10 18	2 56.40	− 0 22.3	2.197	3.137	7.2	20.9
10 28	2 48.87	− 1 0.4	2.180	3.143	5.3	20.8
11 7	2 40.83	− 1 27.5	2.191	3.149	5.5	20.8
11 17	2 33.07	− 1 40.2	2.230	3.155	7.6	21.0
11 27	2 26.34	− 1 36.9	2.297	3.160	10.2	21.2
12 7	2 21.23	− 1 17.4	2.386	3.166	12.6	21.3

397958 2008 YQ_{93} 11 5.3 233°.92 3°.1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.14	+ 9 7.7	1.939	2.758	14.3	21.8
10 8	3 4.77	+ 8 31.5	1.856	2.752	11.2	21.5
10 18	2 58.11	+ 7 50.9	1.794	2.746	7.6	21.3
10 28	2 49.77	+ 7 9.7	1.759	2.740	4.1	21.1
11 7	2 40.63	+ 6 32.8	1.752	2.734	3.6	21.0
11 17	2 31.70	+ 6 4.9	1.774	2.727	6.8	21.2
11 27	2 24.00	+ 5 50.0	1.822	2.720	10.5	21.4
12 7	2 18.28	+ 5 50.0	1.895	2.713	13.9	21.6

318031 2004 ES_{37} 11 5.3 286°.91 2°.9/ 7.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.80	+26 0.0	1.924	2.706	15.8	20.2
10 8	3 4.18	+25 51.8	1.820	2.688	12.9	20.0
10 18	2 58.00	+25 26.7	1.737	2.670	9.4	19.8
10 28	2 49.82	+24 44.1	1.679	2.651	5.6	19.5
11 7	2 40.60	+23 45.7	1.647	2.632	2.9	19.3
11 17	2 31.47	+22 36.2	1.644	2.614	5.3	19.4
11 27	2 23.63	+21 22.9	1.668	2.595	9.3	19.6
12 7	2 17.97	+20 13.6	1.717	2.577	13.2	19.8

98075 2000 RT_{62} 11 5.3 77°.55 2°.9/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.93	+24 17.6	1.312	2.117	20.6	18.9
10 8	3 10.25	+24 16.8	1.255	2.137	16.5	18.7
10 18	3 2.16	+23 56.3	1.216	2.157	11.6	18.5
10 28	2 51.66	+23 16.0	1.200	2.177	6.4	18.3
11 7	2 40.26	+22 19.7	1.209	2.197	2.9	18.1
11 17	2 29.61	+21 14.5	1.245	2.216	6.3	18.4
11 27	2 21.17	+20 10.3	1.306	2.235	11.1	18.7
12 7	2 15.80	+19 15.5	1.390	2.254	15.3	19.0

244036 2001 SW_{242} 11 5.3 31°.65 2°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.72	+12 52.9	1.588	2.420	16.4	20.5
10 8	3 3.20	+12 17.5	1.526	2.430	12.7	20.3
10 18	2 57.15	+11 34.2	1.484	2.440	8.4	20.1
10 28	2 49.31	+10 47.1	1.467	2.451	4.0	19.8
11 7	2 40.74	+10 1.8	1.476	2.463	2.6	19.8
11 17	2 32.61	+ 9 24.0	1.513	2.476	6.6	20.1
11 27	2 26.00	+ 8 58.7	1.575	2.488	10.8	20.3
12 7	2 21.64	+ 8 48.5	1.660	2.502	14.4	20.6

270251 2001 UV_{30} 11 5.3 58°.45 1°.9/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.91	+15 13.5	1.428	2.259	18.0	20.3
10 8	3 5.16	+14 21.4	1.368	2.271	13.9	20.1
10 18	2 58.58	+13 17.2	1.327	2.283	9.2	19.8
10 28	2 50.00	+12 5.9	1.311	2.296	4.2	19.6
11 7	2 40.65	+10 54.7	1.321	2.309	2.5	19.5
11 17	2 31.85	+ 9 51.4	1.358	2.322	7.0	19.8
11 27	2 24.79	+ 9 3.0	1.420	2.336	11.6	20.1
12 7	2 20.26	+ 8 33.4	1.505	2.349	15.5	20.4

124081 2001 GY_{4} 11 5.3 235°.00 2°.5/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.23	+ 6 45.0	2.753	3.550	11.2	20.3
10 8	3 5.73	+ 6 43.1	2.655	3.538	8.7	20.2
10 18	2 58.46	+ 6 40.8	2.581	3.526	6.0	20.0
10 28	2 49.88	+ 6 40.3	2.535	3.514	3.3	19.8
11 7	2 40.66	+ 6 43.7	2.520	3.501	2.7	19.7
11 17	2 31.52	+ 6 52.9	2.537	3.488	5.2	19.9
11 27	2 23.23	+ 7 9.8	2.583	3.475	8.1	20.0
12 7	2 16.40	+ 7 35.3	2.656	3.461	10.8	20.2

493602 2015 MP_{92} 11 5.3 86°.11 2°.7/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.89	+10 43.6	1.718	2.537	15.9	21.7
10 8	3 6.89	+10 11.3	1.660	2.556	12.3	21.5
10 18	2 59.44	+ 9 33.8	1.623	2.576	8.2	21.3
10 28	2 50.32	+ 8 55.2	1.612	2.595	4.1	21.1
11 7	2 40.59	+ 8 20.4	1.629	2.614	3.1	21.1
11 17	2 31.38	+ 7 54.0	1.674	2.633	6.7	21.3
11 27	2 23.71	+ 7 39.9	1.746	2.651	10.5	21.6
12 7	2 18.27	+ 7 39.9	1.842	2.669	13.9	21.9

471546 2012 KG_{31} 11 5.3 107°.15 1°.2/ 4.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.82	+14 28.6	1.691	2.500	16.5	21.9
10 8	3 9.24	+14 5.7	1.630	2.521	12.8	21.7
10 18	3 1.06	+13 34.3	1.590	2.541	8.5	21.5
10 28	2 51.08	+12 57.5	1.576	2.560	3.9	21.3
11 7	2 40.44	+12 19.5	1.590	2.579	1.7	21.2
11 17	2 30.35	+11 45.5	1.633	2.598	6.0	21.5
11 27	2 21.92	+11 20.3	1.703	2.615	10.2	21.8
12 7	2 15.89	+11 7.2	1.798	2.632	13.8	22.1

481873 2008 YV_{110} 11 5.3 255°.96 1°.6/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.69	+12 39.9	2.023	2.831	14.2	22.2
10 8	3 6.09	+12 21.4	1.923	2.814	11.2	22.0
10 18	2 59.12	+11 56.5	1.846	2.797	7.5	21.7
10 28	2 50.32	+11 27.5	1.795	2.779	3.6	21.4
11 7	2 40.56	+10 58.0	1.772	2.760	2.0	21.3
11 17	2 30.86	+10 32.1	1.779	2.741	5.9	21.5
11 27	2 22.30	+10 14.2	1.814	2.722	9.9	21.7
12 7	2 15.73	+10 7.6	1.873	2.702	13.6	21.9

195458 2002 GC_{95} 11 5.3 330°.22 4°.0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.93	+24 7.4	1.515	2.316	18.5	19.5
10 8	3 7.31	+24 48.6	1.430	2.308	15.1	19.2
10 18	3 0.50	+25 15.9	1.363	2.300	11.0	19.0
10 28	2 51.13	+25 26.8	1.320	2.292	6.7	18.7
11 7	2 40.38	+25 20.6	1.301	2.285	4.0	18.5
11 17	2 29.76	+25 0.0	1.309	2.278	6.5	18.7
11 27	2 20.83	+24 31.2	1.343	2.272	10.9	18.9
12 7	2 14.71	+24 1.9	1.399	2.266	15.1	19.1

41825 2000 WZ_{48} 11 5.3 257°.07 3°.9/ 8.4 18

9 28	3 10.71	+29 29.6	2.139	2.894	15.2	19.5
10 8	3 6.30	+29 26.8	2.028	2.874	12.6	19.3
10 18	2 59.36	+29 6.5	1.938	2.854	9.5	19.0
10 28	2 50.47	+28 27.0	1.872	2.833	6.2	18.8
11 7	2 40.53	+27 29.1	1.834	2.812	4.0	18.6
11 17	2 30.67	+26 16.4	1.825	2.790	5.4	18.7
11 27	2 22.04	+24 55.9	1.844	2.768	8.8	18.8
12 7	2 15.54	+23 35.5	1.890	2.745	12.4	19.0

513334 2007 HX_{39} 11 5.3 176°.53 2°.0/ 3.9 18

9 28	3 11.70	+11 55.5	1.875	2.687	15.0	22.3
10 8	3 6.82	+11 31.8	1.795	2.688	11.7	22.1
10 18	2 59.52	+11 2.0	1.738	2.689	7.8	21.9
10 28	2 50.44	+10 29.2	1.707	2.690	3.8	21.7
11 7	2 40.56	+ 9 57.5	1.704	2.691	2.4	21.6
11 17	2 30.97	+ 9 31.3	1.730	2.690	6.2	21.8
11 27	2 22.73	+ 9 14.9	1.783	2.690	10.2	22.1
12 7	2 16.62	+ 9 10.9	1.861	2.689	13.7	22.3

328104 2008 AG_{25} 11 5.3 77°.63 2°.1/ 4.2 16

9 28	3 14.03	+12 43.5	1.395	2.222	18.5	21.0
10 8	3 9.10	+12 18.7	1.341	2.241	14.3	20.8
10 18	3 1.19	+11 46.2	1.306	2.261	9.5	20.6
10 28	2 51.19	+11 9.8	1.296	2.280	4.5	20.3
11 7	2 40.44	+10 34.9	1.311	2.299	2.6	20.3
11 17	2 30.35	+10 7.2	1.354	2.318	7.1	20.6
11 27	2 22.18	+ 9 51.5	1.423	2.337	11.7	20.9
12 7	2 16.74	+ 9 50.6	1.514	2.356	15.6	21.2

366797 2004 VQ_{101} 11 5.3 134°.80 0°.1/ 5.2 18

9 28	3 6.74	+17 45.3	2.480	3.274	12.3	21.3
10 8	3 2.38	+17 18.3	2.399	3.281	9.6	21.1
10 18	2 56.23	+16 42.5	2.342	3.288	6.4	20.9
10 28	2 48.84	+16 0.1	2.312	3.295	3.0	20.7
11 7	2 40.91	+15 14.1	2.311	3.301	0.7	20.5
11 17	2 33.24	+14 28.3	2.340	3.307	4.2	20.8
11 27	2 26.56	+13 47.1	2.399	3.313	7.5	21.0
12 7	2 21.47	+13 13.9	2.483	3.319	10.4	21.2

475138 2005 UG_{342} 11 5.3 346°.74 3°.4/ 7.4 16

9 28	3 6.74	+25 32.0	1.336	2.150	19.9	21.5
10 8	3 4.25	+25 31.9	1.258	2.145	16.1	21.2
10 18	2 58.49	+25 10.7	1.198	2.140	11.7	21.0
10 28	2 50.17	+24 27.4	1.160	2.135	6.8	20.7
11 7	2 40.61	+23 24.8	1.145	2.132	3.4	20.5
11 17	2 31.38	+22 9.8	1.157	2.129	6.5	20.7
11 27	2 24.01	+20 52.8	1.192	2.127	11.4	20.9
12 7	2 19.56	+19 43.9	1.250	2.126	15.9	21.2

163312 2002 JE_{69} 11 5.3 121°.79 4°.4/ 2.3 18

9 28	3 11.38	+ 4 47.8	1.982	2.798	14.2	20.5
10 8	3 6.21	+ 4 8.2	1.918	2.811	11.1	20.3
10 18	2 58.89	+ 3 28.2	1.877	2.823	7.7	20.2
10 28	2 50.07	+ 2 52.7	1.862	2.835	5.0	20.0
11 7	2 40.67	+ 2 26.2	1.875	2.847	4.8	20.0
11 17	2 31.66	+ 2 12.5	1.917	2.858	7.4	20.2
11 27	2 23.95	+ 2 14.0	1.986	2.869	10.6	20.4
12 7	2 18.21	+ 2 31.0	2.079	2.879	13.5	20.7

367260 2007 SB_{23} 11 5.3 70°.60 3°.4/ 7.4 17

9 28	3 15.71	+26 36.4	1.248	2.049	21.7	20.8
10 8	3 10.89	+26 23.4	1.198	2.077	17.4	20.6
10 18	3 2.56	+25 47.0	1.166	2.104	12.4	20.4
10 28	2 51.83	+24 47.4	1.156	2.131	7.1	20.2
11 7	2 40.35	+23 29.6	1.171	2.158	3.4	20.0
11 17	2 29.81	+22 2.8	1.213	2.184	6.5	20.3
11 27	2 21.65	+20 38.5	1.280	2.210	11.2	20.7
12 7	2 16.67	+19 26.1	1.369	2.236	15.4	21.0

290852 2005 WZ_{33} 11 5.3 302°.84 1°.2/ 6.2 18

9 28	3 6.89	+20 39.7	2.036	2.834	14.5	21.0
10 8	3 3.18	+20 33.6	1.940	2.821	11.5	20.8
10 18	2 57.18	+20 15.9	1.865	2.809	8.0	20.6
10 28	2 49.43	+19 47.3	1.816	2.796	4.1	20.3
11 7	2 40.80	+19 10.0	1.794	2.784	1.3	20.1
11 17	2 32.29	+18 28.1	1.801	2.772	4.8	20.3
11 27	2 24.93	+17 47.0	1.836	2.760	8.8	20.5
12 7	2 19.54	+17 11.8	1.896	2.748	12.4	20.7

30206 Jasonfricker 11 5.3 116°.28 2°.5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.82	+11 23.0	2.025	2.842	13.9	19.4
10 8	3 3.54	+10 37.6	1.953	2.849	10.8	19.2
10 18	2 57.16	+ 9 46.1	1.903	2.855	7.2	19.0
10 28	2 49.31	+ 8 52.5	1.879	2.862	3.6	18.8
11 7	2 40.85	+ 8 1.7	1.885	2.869	2.9	18.8
11 17	2 32.70	+ 7 18.6	1.919	2.875	6.1	19.0
11 27	2 25.76	+ 6 47.6	1.980	2.881	9.7	19.2
12 7	2 20.69	+ 6 31.1	2.066	2.887	12.8	19.4

518059 2015 XQ_{279} 11 5.3 18°.41 0°.3/ 5.5 18

9 28	3 4.99	+20 3.4	1.839	2.649	15.4	20.7
10 8	3 1.70	+19 25.3	1.763	2.653	12.1	20.5
10 18	2 56.12	+18 33.4	1.708	2.657	8.2	20.3
10 28	2 48.88	+17 30.2	1.678	2.661	3.9	20.0
11 7	2 40.95	+16 20.6	1.676	2.666	0.7	19.8
11 17	2 33.33	+15 10.7	1.702	2.672	5.1	20.1
11 27	2 27.04	+14 7.4	1.755	2.678	9.3	20.4
12 7	2 22.77	+13 16.0	1.833	2.684	12.9	20.6

117676 2005 EZ_{219} 11 5.3 220°.07 6°.2/10.2 18

9 28	3 12.46	+34 58.7	2.175	2.901	15.8	20.2
10 8	3 7.72	+35 26.8	2.079	2.895	13.5	20.0
10 18	3 0.34	+35 36.7	2.001	2.889	10.8	19.8
10 28	2 50.93	+35 24.9	1.947	2.883	8.1	19.6
11 7	2 40.51	+34 50.6	1.919	2.876	6.3	19.5
11 17	2 30.25	+33 56.0	1.920	2.869	6.8	19.5
11 27	2 21.38	+32 47.2	1.948	2.861	9.0	19.6
12 7	2 14.79	+31 32.2	2.001	2.853	11.9	19.8

478747 2012 UN_{88} 11 5.3 38°.92 0°.9/ 5.9 16

9 28	3 6.50	+24 7.5	1.407	2.221	19.0	21.3
10 8	3 3.47	+22 59.9	1.342	2.233	15.0	21.1
10 18	2 57.53	+21 29.3	1.298	2.246	10.3	20.9
10 28	2 49.56	+19 39.6	1.276	2.259	5.1	20.6
11 7	2 40.83	+17 39.2	1.282	2.272	1.1	20.4
11 17	2 32.71	+15 39.2	1.315	2.287	6.0	20.8
11 27	2 26.39	+13 50.9	1.374	2.301	10.9	21.1
12 7	2 22.64	+12 22.7	1.457	2.316	15.1	21.4

46020 2001 DL_{11} 11 5.3 121°.45 2°.5/ 3.8 18

9 28	3 12.19	+12 17.4	1.593	2.414	16.8	19.9
10 8	3 7.48	+11 38.2	1.525	2.424	13.1	19.7
10 18	3 0.08	+10 51.1	1.479	2.433	8.7	19.5
10 28	2 50.73	+10 0.5	1.458	2.442	4.2	19.2
11 7	2 40.59	+ 9 12.0	1.464	2.450	3.0	19.2
11 17	2 30.90	+ 8 31.7	1.498	2.459	7.0	19.5
11 27	2 22.84	+ 8 4.7	1.559	2.467	11.3	19.7
12 7	2 17.21	+ 7 53.9	1.642	2.474	15.0	20.0

21844 1999 TN_{112} 11 5.3 249°.99 1°.1/ 6.2 18

9 28	3 7.33	+21 1.7	2.271	3.060	13.5	18.8
10 8	3 3.20	+20 50.8	2.179	3.055	10.7	18.6
10 18	2 57.01	+20 28.9	2.109	3.050	7.4	18.4
10 28	2 49.30	+19 56.8	2.065	3.045	3.8	18.1
11 7	2 40.87	+19 16.9	2.050	3.039	1.2	17.9
11 17	2 32.61	+18 33.0	2.064	3.034	4.4	18.2
11 27	2 25.43	+17 49.9	2.107	3.028	8.0	18.4
12 7	2 20.02	+17 12.4	2.175	3.023	11.2	18.6

479518 2014 BT_{27} 11 5.3 306°.25 0°.7/ 5.7 18

9 28	3 8.84	+18 58.6	1.479	2.300	17.9	21.7
10 8	3 5.59	+18 52.9	1.391	2.286	14.3	21.4
10 18	2 59.30	+18 33.6	1.322	2.273	9.9	21.1
10 28	2 50.58	+18 1.7	1.277	2.260	4.8	20.8
11 7	2 40.59	+17 20.4	1.257	2.247	1.0	20.5
11 17	2 30.74	+16 35.3	1.263	2.235	6.3	20.8
11 27	2 22.49	+15 53.9	1.296	2.223	11.4	21.1
12 7	2 16.91	+15 22.8	1.350	2.211	15.9	21.3

57371 2001 RB_{48} 11 5.3 354°.27 1°.7/ 4.0 18

9 28	3 6.24	+14 20.5	1.846	2.666	14.9	18.4
10 8	3 2.65	+13 36.9	1.767	2.665	11.6	18.2
10 18	2 56.76	+12 43.9	1.710	2.664	7.7	17.9
10 28	2 49.20	+11 45.1	1.679	2.664	3.6	17.7
11 7	2 40.90	+10 45.9	1.676	2.663	2.2	17.6
11 17	2 32.88	+ 9 52.0	1.700	2.663	6.1	17.9
11 27	2 26.13	+ 9 9.1	1.752	2.663	10.1	18.1
12 7	2 21.39	+ 8 41.0	1.827	2.663	13.6	18.3

193671 2001 DV_{84} 11 5.3 126°.35 0°.8/ 4.6 18

9 28	3 6.23	+15 22.5	2.647	3.444	11.5	22.0
10 8	3 1.83	+14 52.2	2.569	3.454	8.9	21.8
10 18	2 55.80	+14 15.1	2.516	3.464	5.9	21.7
10 28	2 48.65	+13 33.6	2.490	3.474	2.7	21.5
11 7	2 41.03	+12 50.8	2.494	3.483	1.1	21.4
11 17	2 33.65	+12 10.1	2.528	3.492	4.2	21.6
11 27	2 27.20	+11 35.3	2.592	3.501	7.3	21.8
12 7	2 22.21	+11 9.0	2.682	3.509	10.0	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
66069 1998 RK_{42}		11 5.3 93°.69 1°.4/ 4.0 18				
	h m	° ′			°	m
9 28	3 5.87	+14 34.7	2.273	3.081	12.9	19.2
10 8	3 1.82	+13 48.7	2.198	3.090	9.9	19.0
10 18	2 55.92	+12 55.0	2.147	3.098	6.6	18.8
10 28	2 48.73	+11 56.8	2.123	3.107	3.0	18.6
11 7	2 41.02	+10 58.4	2.128	3.116	1.8	18.5
11 17	2 33.60	+10 4.6	2.163	3.125	5.1	18.8
11 27	2 27.24	+ 9 19.9	2.226	3.133	8.4	19.0
12 7	2 22.54	+ 8 47.4	2.315	3.142	11.4	19.2
441736 2009 BO_{90}		11 5.3 218°.90 1°.7/ 6.6 18				
9 28	3 10.11	+22 27.5	2.177	2.958	14.2	21.8
10 8	3 5.51	+22 21.5	2.081	2.952	11.4	21.6
10 18	2 58.65	+22 3.1	2.008	2.945	8.0	21.4
10 28	2 50.10	+21 32.7	1.961	2.938	4.3	21.2
11 7	2 40.72	+20 52.4	1.942	2.931	1.7	21.0
11 17	2 31.51	+20 5.8	1.953	2.923	4.6	21.2
11 27	2 23.48	+19 18.5	1.993	2.914	8.4	21.4
12 7	2 17.38	+18 35.7	2.058	2.906	11.8	21.6
191199 2002 PO_{47}		11 5.3 101°.78 8°.3/13.9 17				
9 28	3 13.04	+44 36.1	2.588	3.240	15.1	19.9
10 8	3 8.04	+45 25.3	2.502	3.247	13.4	19.7
10 18	3 0.47	+45 55.0	2.435	3.254	11.6	19.6
10 28	2 50.97	+46 1.2	2.389	3.260	9.8	19.5
11 7	2 40.54	+45 41.9	2.367	3.266	8.6	19.4
11 17	2 30.37	+44 58.2	2.371	3.273	8.4	19.4
11 27	2 21.60	+43 54.6	2.402	3.279	9.2	19.5
12 7	2 15.08	+42 38.5	2.458	3.285	10.8	19.6
32345 2000 QF_{99}		11 5.3 1°.30 1°.7/ 3.8 18				
9 28	3 5.02	+11 26.5	2.501	3.311	11.8	18.9
10 8	3 1.06	+11 3.6	2.418	3.311	9.1	18.7
10 18	2 55.39	+10 36.4	2.359	3.310	6.1	18.5
10 28	2 48.50	+10 7.4	2.327	3.310	3.0	18.3
11 7	2 41.07	+ 9 39.7	2.325	3.311	2.1	18.3
11 17	2 33.81	+ 9 16.6	2.352	3.311	4.9	18.5
11 27	2 27.47	+ 9 1.2	2.407	3.311	8.0	18.7
12 7	2 22.62	+ 8 55.4	2.488	3.312	10.8	18.9
222880 2002 GQ_{64}		11 5.3 130°.39 0°.2/ 5.1 18				
9 28	3 9.84	+15 18.3	2.364	3.160	12.8	20.2
10 8	3 4.92	+15 21.5	2.281	3.164	10.0	20.0
10 18	2 58.04	+15 18.7	2.222	3.169	6.7	19.8
10 28	2 49.75	+15 11.2	2.190	3.174	3.1	19.6
11 7	2 40.81	+15 0.9	2.188	3.178	0.7	19.4
11 17	2 32.09	+14 50.3	2.215	3.182	4.4	19.7
11 27	2 24.44	+14 42.7	2.272	3.187	7.9	20.0
12 7	2 18.49	+14 40.6	2.355	3.191	10.9	20.2
199425 2006 DD_{8}		11 5.3 206°.75 0°.7/ 5.9 17				
9 28	3 7.49	+19 25.0	2.747	3.529	11.5	21.0
10 8	3 2.93	+19 20.8	2.652	3.526	9.1	20.9
10 18	2 56.64	+19 8.5	2.581	3.522	6.2	20.7
10 28	2 49.09	+18 49.0	2.537	3.517	3.1	20.5
11 7	2 40.95	+18 24.1	2.523	3.513	0.8	20.3
11 17	2 32.94	+17 56.4	2.539	3.508	3.8	20.5
11 27	2 25.81	+17 29.4	2.585	3.503	6.9	20.7
12 7	2 20.15	+17 6.4	2.658	3.497	9.7	20.9
381081 2007 BV_{35}		11 5.3 253°.75 1°.4/ 6.2 18				
9 28	3 11.31	+20 59.2	1.702	2.503	16.8	22.0
10 8	3 7.15	+20 54.1	1.609	2.492	13.4	21.8
10 18	3 0.15	+20 35.2	1.536	2.480	9.4	21.5
10 28	2 50.93	+20 2.6	1.488	2.469	4.8	21.2
11 7	2 40.57	+19 18.9	1.467	2.457	1.5	21.0
11 17	2 30.35	+18 29.1	1.474	2.444	5.6	21.2
11 27	2 21.60	+17 40.0	1.507	2.432	10.3	21.5
12 7	2 15.31	+16 58.6	1.565	2.419	14.5	21.7
97451 2000 CA		11 5.3 288°.23 4°.9/ 1.7 17				
9 28	3 7.55	+ 1 30.5	2.265	3.082	12.6	19.4
10 8	3 3.22	+ 0 57.5	2.181	3.072	10.0	19.2
10 18	2 56.96	+ 0 26.2	2.120	3.062	7.3	19.0
10 28	2 49.28	+ 0 1.0	2.085	3.052	5.3	18.9
11 7	2 40.93	− 0 13.8	2.079	3.042	5.3	18.8
11 17	2 32.74	− 0 15.1	2.101	3.032	7.6	19.0
11 27	2 25.56	− 0 1.0	2.150	3.022	10.4	19.1
12 7	2 20.02	+ 0 28.7	2.222	3.012	13.1	19.3
46990 1998 TY_{6}		11 5.3 47°.11 5°.6/ 2.4 18				
9 28	3 10.91	+ 3 55.4	1.456	2.292	17.4	17.7
10 8	3 6.40	+ 3 14.3	1.411	2.315	13.6	17.6
10 18	2 59.24	+ 2 34.7	1.387	2.338	9.5	17.4
10 28	2 50.29	+ 2 2.7	1.387	2.361	6.2	17.3
11 7	2 40.76	+ 1 44.1	1.413	2.385	6.0	17.3
11 17	2 31.88	+ 1 42.7	1.466	2.410	9.0	17.5
11 27	2 24.74	+ 2 0.0	1.543	2.434	12.5	17.8
12 7	2 20.03	+ 2 34.9	1.641	2.459	15.7	18.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
168390 1997 WF_{6}		11 5.3 202°.72 2°.3/ 4.0 18				
	h m	° ′			°	m
9 28	3 13.98	+11 40.6	1.619	2.437	16.8	20.7
10 8	3 9.09	+11 19.5	1.539	2.434	13.1	20.4
10 18	3 1.34	+10 51.9	1.479	2.431	8.8	20.2
10 28	2 51.43	+10 20.9	1.444	2.428	4.3	19.9
11 7	2 40.49	+ 9 51.2	1.437	2.424	2.8	19.8
11 17	2 29.83	+ 9 27.8	1.458	2.419	7.0	20.1
11 27	2 20.73	+ 9 15.5	1.505	2.414	11.5	20.3
12 7	2 14.14	+ 9 17.2	1.575	2.409	15.5	20.5
324690 2007 EB_{17}		11 5.3 162°.73 2°.6/ 2.7 18				
9 28	3 6.11	+ 8 33.5	2.746	3.553	10.9	22.1
10 8	3 1.67	+ 7 49.9	2.668	3.558	8.4	22.0
10 18	2 55.69	+ 7 3.2	2.613	3.562	5.7	21.8
10 28	2 48.63	+ 6 16.8	2.587	3.566	3.2	21.6
11 7	2 41.11	+ 5 34.3	2.591	3.569	3.0	21.6
11 17	2 33.79	+ 4 59.1	2.626	3.573	5.3	21.8
11 27	2 27.33	+ 4 34.3	2.688	3.575	8.0	22.0
12 7	2 22.24	+ 4 21.3	2.777	3.578	10.4	22.2
85334 1995 SY_{13}		11 5.3 233°.54 1°.7/ 4.2 18				
9 28	3 10.62	+14 33.5	1.633	2.453	16.6	21.0
10 8	3 6.49	+13 56.9	1.550	2.447	13.0	20.8
10 18	2 59.61	+13 9.7	1.487	2.440	8.7	20.5
10 28	2 50.65	+12 15.2	1.449	2.434	4.1	20.2
11 7	2 40.69	+11 18.9	1.438	2.427	2.2	20.1
11 17	2 30.97	+10 27.2	1.455	2.420	6.7	20.3
11 27	2 22.76	+ 9 46.7	1.499	2.412	11.3	20.6
12 7	2 16.94	+ 9 21.8	1.565	2.404	15.3	20.8
311803 2006 UC_{140}		11 5.3 71°.59 2°.6/ 7.5 18				
9 28	3 8.69	+26 40.4	1.905	2.685	16.0	20.6
10 8	3 4.51	+26 13.2	1.834	2.700	12.9	20.4
10 18	2 57.95	+25 28.3	1.784	2.715	9.2	20.2
10 28	2 49.74	+24 26.4	1.758	2.730	5.3	20.0
11 7	2 40.90	+23 11.4	1.760	2.746	2.6	19.9
11 17	2 32.51	+21 49.3	1.791	2.761	4.9	20.1
11 27	2 25.59	+20 27.9	1.850	2.776	8.6	20.3
12 7	2 20.80	+19 14.2	1.934	2.792	12.0	20.6
342392 2008 UK_{41}		11 5.3 13°.55 0°.3/ 5.5 18				
9 28	3 8.97	+17 56.2	1.490	2.313	17.8	20.8
10 8	3 5.42	+17 47.7	1.417	2.314	14.0	20.6
10 18	2 58.98	+17 27.0	1.364	2.316	9.5	20.3
10 28	2 50.36	+16 55.8	1.334	2.318	4.5	20.0
11 7	2 40.75	+16 17.9	1.330	2.321	0.9	19.8
11 17	2 31.50	+15 38.8	1.353	2.324	6.0	20.2
11 27	2 23.90	+15 5.1	1.402	2.328	10.8	20.4
12 7	2 18.87	+14 42.2	1.474	2.332	15.0	20.7
375101 2007 TB_{44}		11 5.3 58°.68 2°.7/ 7.6 18 R				
9 28	3 7.77	+25 14.5	2.451	3.220	13.1	20.8
10 8	3 3.35	+25 27.1	2.374	3.233	10.6	20.6
10 18	2 57.01	+25 28.1	2.318	3.245	7.7	20.4
10 28	2 49.29	+25 17.3	2.289	3.257	4.6	20.3
11 7	2 40.98	+24 55.8	2.287	3.270	2.7	20.2
11 17	2 32.92	+24 26.3	2.316	3.283	4.3	20.3
11 27	2 25.94	+23 52.9	2.373	3.296	7.2	20.5
12 7	2 20.67	+23 20.3	2.456	3.308	9.9	20.7
248414 2005 SN_{177}		11 5.3 184°.76 2°.3/ 3.1 18				
9 28	3 6.03	+13 6.5	2.283	3.093	12.7	20.6
10 8	3 1.99	+11 54.8	2.200	3.093	9.8	20.4
10 18	2 56.09	+10 34.5	2.141	3.093	6.6	20.2
10 28	2 48.87	+ 9 10.0	2.110	3.093	3.3	20.0
11 7	2 41.08	+ 7 47.1	2.109	3.092	2.8	20.0
11 17	2 33.53	+ 6 31.5	2.137	3.091	5.8	20.2
11 27	2 27.03	+ 5 28.6	2.195	3.090	9.1	20.4
12 7	2 22.17	+ 4 41.7	2.277	3.089	12.1	20.6
20852 Allilandstrom		11 5.3 129°.50 1°.3/ 4.4 18				
9 28	3 10.79	+14 14.0	1.837	2.649	15.3	19.5
10 8	3 6.15	+13 48.6	1.763	2.656	11.9	19.3
10 18	2 59.10	+13 15.1	1.711	2.662	7.9	19.1
10 28	2 50.32	+12 36.3	1.684	2.669	3.7	18.8
11 7	2 40.79	+11 56.6	1.686	2.675	1.8	18.7
11 17	2 31.61	+11 20.7	1.716	2.680	5.8	19.0
11 27	2 23.81	+10 53.4	1.774	2.686	9.9	19.2
12 7	2 18.16	+10 38.1	1.856	2.691	13.4	19.5
148969 2001 XY_{233}		11 5.3 65°.72 0°.4/ 5.6 18				
9 28	3 8.98	+18 13.9	1.945	2.748	14.9	20.3
10 8	3 4.67	+18 5.3	1.871	2.757	11.7	20.1
10 18	2 58.07	+17 46.8	1.818	2.766	7.9	19.9
10 28	2 49.84	+17 19.8	1.792	2.775	3.8	19.6
11 7	2 40.90	+16 47.3	1.793	2.784	0.7	19.4
11 17	2 32.28	+16 13.4	1.823	2.793	4.9	19.7
11 27	2 24.98	+15 43.0	1.881	2.802	8.8	20.0
12 7	2 19.70	+15 20.3	1.964	2.811	12.3	20.2

293957 2007 TN_{35} 11 5.3 40°.84 3°.1/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.71	+ 9 11.8	1.468	2.302	17.4	19.6
10 8	3 6.46	+ 8 55.0	1.412	2.317	13.5	19.4
10 18	2 59.45	+ 8 34.8	1.377	2.332	9.1	19.1
10 28	2 50.49	+ 8 15.1	1.365	2.348	4.7	18.9
11 7	2 40.79	+ 8 0.8	1.379	2.364	3.5	18.9
11 17	2 31.62	+ 7 55.8	1.421	2.381	7.3	19.2
11 27	2 24.16	+ 8 3.3	1.488	2.398	11.5	19.5
12 7	2 19.18	+ 8 24.5	1.577	2.416	15.2	19.7

225780 2001 TL_{154} 11 5.3 57°.86 3°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.11	+ 8 44.7	1.407	2.239	18.1	19.4
10 8	3 8.46	+ 8 27.8	1.349	2.253	14.1	19.2
10 18	3 0.86	+ 8 7.7	1.312	2.266	9.5	19.0
10 28	2 51.17	+ 7 48.7	1.298	2.281	5.0	18.8
11 7	2 40.65	+ 7 35.6	1.311	2.295	3.8	18.7
11 17	2 30.70	+ 7 32.7	1.350	2.309	7.7	19.0
11 27	2 22.57	+ 7 43.1	1.414	2.324	12.1	19.3
12 7	2 17.11	+ 8 7.7	1.501	2.339	15.9	19.6

305733 2009 CU_{44} 11 5.3 119°.01 0°.9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.85	+15 33.4	1.895	2.707	14.9	21.4
10 8	3 4.63	+15 6.2	1.818	2.710	11.6	21.2
10 18	2 58.09	+14 29.7	1.762	2.713	7.8	21.0
10 28	2 49.87	+13 46.7	1.731	2.716	3.6	20.7
11 7	2 40.91	+13 1.3	1.729	2.719	1.4	20.5
11 17	2 32.24	+12 18.6	1.756	2.722	5.5	20.8
11 27	2 24.88	+11 43.6	1.810	2.724	9.6	21.1
12 7	2 19.56	+11 20.3	1.888	2.727	13.1	21.3

142842 2002 VG_{18} 11 5.3 298°.12 0°.3/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.31	+17 39.6	1.451	2.277	18.0	20.4
10 8	3 5.29	+17 16.5	1.358	2.258	14.3	20.1
10 18	2 59.20	+16 39.1	1.285	2.239	9.8	19.8
10 28	2 50.64	+15 49.2	1.235	2.220	4.6	19.5
11 7	2 40.72	+14 51.4	1.210	2.201	1.1	19.2
11 17	2 30.87	+13 52.7	1.212	2.182	6.7	19.5
11 27	2 22.60	+13 1.6	1.239	2.164	12.1	19.8
12 7	2 17.00	+12 24.8	1.289	2.146	16.8	20.0

267313 2001 TR_{91} 11 5.3 90°.24 0°.8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.90	+20 21.6	1.667	2.466	17.1	20.7
10 8	3 8.67	+20 2.3	1.608	2.490	13.5	20.5
10 18	3 0.77	+19 29.3	1.569	2.514	9.1	20.3
10 28	2 51.06	+18 44.5	1.555	2.537	4.4	20.1
11 7	2 40.69	+17 52.0	1.569	2.559	1.0	19.9
11 17	2 30.93	+16 57.7	1.611	2.581	5.4	20.2
11 27	2 22.88	+16 8.2	1.681	2.603	9.7	20.5
12 7	2 17.27	+15 29.0	1.776	2.624	13.3	20.8

159207 2005 VO_{31} 11 5.3 236°.88 1°.4/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.17	+13 54.8	1.819	2.632	15.4	21.1
10 8	3 6.69	+13 33.9	1.730	2.623	12.1	20.9
10 18	2 59.66	+13 4.9	1.663	2.615	8.1	20.7
10 28	2 50.68	+12 30.3	1.621	2.606	3.8	20.4
11 7	2 40.74	+11 54.2	1.607	2.596	1.8	20.2
11 17	2 30.98	+11 21.2	1.622	2.587	6.1	20.5
11 27	2 22.55	+10 56.6	1.664	2.577	10.4	20.7
12 7	2 16.32	+10 44.1	1.730	2.566	14.2	20.9

144720 2004 GE_{32} 11 5.3 238°.78 5°.8/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.56	+34 13.1	2.268	2.996	15.2	20.5
10 8	3 6.95	+34 38.3	2.167	2.986	12.9	20.3
10 18	2 59.83	+34 46.4	2.086	2.977	10.3	20.1
10 28	2 50.78	+34 34.2	2.028	2.966	7.6	19.9
11 7	2 40.73	+34 0.9	1.997	2.956	5.9	19.8
11 17	2 30.80	+33 8.9	1.994	2.945	6.4	19.8
11 27	2 22.15	+32 3.5	2.019	2.934	8.7	20.0
12 7	2 15.64	+30 52.4	2.070	2.923	11.5	20.1

454626 2014 QT_{132} 11 5.3 63°.03 1°.1/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.85	+14 15.0	2.086	2.896	13.8	21.3
10 8	3 3.50	+13 53.7	2.020	2.911	10.7	21.1
10 18	2 57.14	+13 25.5	1.976	2.927	7.1	20.9
10 28	2 49.37	+12 53.2	1.959	2.943	3.2	20.7
11 7	2 41.05	+12 20.2	1.970	2.959	1.5	20.6
11 17	2 33.07	+11 50.6	2.010	2.975	5.1	20.9
11 27	2 26.31	+11 28.0	2.078	2.991	8.6	21.2
12 7	2 21.37	+11 15.4	2.172	3.007	11.7	21.4

112426 2002 NO_{48} 11 5.3 56°.82 0°.3/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.24	+18 34.9	1.700	2.511	16.4	19.8
10 8	3 5.20	+18 18.3	1.629	2.519	12.9	19.6
10 18	2 58.59	+17 49.9	1.579	2.528	8.7	19.4
10 28	2 50.14	+17 11.4	1.554	2.537	4.1	19.2
11 7	2 40.89	+16 26.7	1.555	2.546	0.8	18.9
11 17	2 32.03	+15 41.2	1.585	2.555	5.4	19.3
11 27	2 24.68	+15 1.0	1.641	2.564	9.8	19.6
12 7	2 19.60	+14 30.9	1.722	2.573	13.5	19.8

404874 2014 KW_{52} 11 5.3 233°.50 2°.1/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.44	+12 17.1	2.082	2.894	13.7	21.8
10 8	3 4.18	+11 36.0	1.992	2.885	10.7	21.6
10 18	2 57.76	+10 47.7	1.925	2.877	7.2	21.3
10 28	2 49.75	+ 9 55.6	1.885	2.868	3.5	21.1
11 7	2 40.96	+ 9 4.3	1.873	2.858	2.6	21.0
11 17	2 32.35	+ 8 18.9	1.890	2.849	6.0	21.2
11 27	2 24.87	+ 7 44.1	1.935	2.839	9.7	21.4
12 7	2 19.24	+ 7 23.1	2.005	2.828	13.1	21.6

114716 2003 GH_{17} 11 5.3 129°.71 2°.2/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.54	+21 41.0	1.150	1.979	21.5	19.3
10 8	3 8.03	+19 26.4	1.082	1.984	16.8	19.1
10 18	3 0.95	+16 40.2	1.033	1.989	11.2	18.8
10 28	2 51.31	+13 31.4	1.008	1.994	5.0	18.4
11 7	2 40.67	+10 16.7	1.010	1.998	3.1	18.3
11 17	2 30.76	+ 7 15.8	1.040	2.002	9.0	18.7
11 27	2 23.09	+ 4 45.6	1.095	2.006	14.7	19.0
12 7	2 18.56	+ 2 54.9	1.172	2.010	19.4	19.3

618 Elfriede 11 5.3 49°.01 7°.6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.01	− 6 44.4	2.226	3.037	13.0	13.2
10 8	3 2.69	− 7 40.5	2.167	3.042	10.8	13.1
10 18	2 56.52	− 8 29.1	2.130	3.048	8.8	13.0
10 28	2 49.08	− 9 4.3	2.120	3.053	7.7	12.9
11 7	2 41.12	− 9 21.3	2.135	3.059	8.1	12.9
11 17	2 33.46	− 9 17.5	2.177	3.064	9.7	13.1
11 27	2 26.88	− 8 52.4	2.244	3.070	11.8	13.2
12 7	2 21.97	− 8 7.7	2.333	3.076	13.9	13.4

143451 2003 BR_{80} 11 5.3 292°.62 1°.4/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.97	+13 3.5	1.943	2.757	14.5	20.4
10 8	3 4.96	+12 52.1	1.841	2.735	11.4	20.1
10 18	2 58.54	+12 34.4	1.762	2.714	7.7	19.8
10 28	2 50.21	+12 12.3	1.708	2.692	3.6	19.6
11 7	2 40.86	+11 49.3	1.682	2.671	1.8	19.4
11 17	2 31.52	+11 29.3	1.685	2.649	5.9	19.6
11 27	2 23.32	+11 16.5	1.715	2.628	10.1	19.8
12 7	2 17.12	+11 14.4	1.769	2.607	13.9	20.0

1354 Botha 11 5.3 101°.06 0°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.34	+18 58.3	2.545	3.328	12.3	16.4
10 8	3 4.33	+18 54.0	2.473	3.347	9.6	16.2
10 18	2 57.55	+18 41.6	2.424	3.366	6.5	16.1
10 28	2 49.53	+18 22.1	2.403	3.384	3.2	15.9
11 7	2 41.03	+17 57.5	2.411	3.401	0.8	15.7
11 17	2 32.83	+17 30.9	2.450	3.419	3.9	16.0
11 27	2 25.67	+17 5.7	2.519	3.436	7.1	16.2
12 7	2 20.11	+16 45.2	2.614	3.453	9.9	16.4

25936 2001 DZ_{79} 11 5.3 46°.50 8°.2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.33	+34 28.2	1.244	2.021	23.0	17.9
10 8	3 9.79	+35 11.2	1.188	2.038	19.4	17.7
10 18	3 2.35	+35 26.0	1.147	2.056	15.3	17.5
10 28	2 52.03	+35 7.5	1.127	2.074	11.2	17.3
11 7	2 40.54	+34 15.4	1.128	2.093	8.5	17.2
11 17	2 29.81	+32 56.1	1.154	2.112	8.9	17.3
11 27	2 21.57	+31 21.8	1.204	2.132	12.0	17.6
12 7	2 16.82	+29 46.4	1.276	2.152	15.6	17.8

517080 2013 CG_{102} 11 5.3 51°.04 3°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.01	+ 7 32.3	1.852	2.676	14.7	21.4
10 8	3 4.73	+ 6 59.7	1.780	2.678	11.5	21.2
10 18	2 58.16	+ 6 24.4	1.729	2.681	7.9	21.0
10 28	2 49.92	+ 5 50.8	1.705	2.684	4.5	20.8
11 7	2 40.96	+ 5 23.6	1.707	2.687	4.1	20.8
11 17	2 32.30	+ 5 7.1	1.738	2.690	7.1	21.0
11 27	2 24.94	+ 5 4.3	1.796	2.693	10.7	21.2
12 7	2 19.61	+ 5 16.6	1.876	2.696	14.0	21.4

452333 2001 JO 11 5.3 192°.27 3°.6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.58	+ 0 6.6	3.490	4.277	9.2	21.9
10 8	3 4.77	− 0 9.2	3.401	4.274	7.3	21.7
10 18	2 57.63	− 0 22.6	3.339	4.271	5.4	21.6
10 28	2 49.55	− 0 31.0	3.306	4.267	3.9	21.5
11 7	2 41.05	− 0 32.3	3.305	4.263	3.9	21.5
11 17	2 32.68	− 0 24.7	3.335	4.258	5.4	21.6
11 27	2 25.01	− 0 7.2	3.396	4.252	7.4	21.7
12 7	2 18.50	+ 0 20.2	3.483	4.246	9.3	21.9

520505 2014 LA_{31} 11 5.3 28°.68 0°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.82	+18 4.1	1.900	2.709	15.0	20.9
10 8	3 3.09	+17 44.9	1.824	2.714	11.7	20.7
10 18	2 57.08	+17 15.0	1.770	2.719	7.9	20.5
10 28	2 49.44	+16 36.5	1.741	2.725	3.7	20.2
11 7	2 41.07	+15 53.0	1.740	2.731	0.7	20.0
11 17	2 33.00	+15 9.3	1.767	2.737	5.0	20.3
11 27	2 26.23	+14 30.8	1.822	2.743	9.1	20.6
12 7	2 21.45	+14 1.7	1.901	2.750	12.6	20.8

95506 2002 EH_{48} 11 5.3 245°.81 1°.1/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.93	+20 37.3	2.212	3.003	13.7	20.8
10 8	3 3.74	+20 30.5	2.123	3.000	10.9	20.6
10 18	2 57.45	+20 13.1	2.057	2.998	7.5	20.4
10 28	2 49.61	+19 45.8	2.016	2.996	3.8	20.2
11 7	2 41.03	+19 11.0	2.004	2.994	1.2	20.0
11 17	2 32.66	+18 32.2	2.022	2.992	4.4	20.2
11 27	2 25.39	+17 54.3	2.067	2.990	8.1	20.4
12 7	2 19.95	+17 21.7	2.139	2.987	11.4	20.6

89816 2002 AN_{187} 11 5.3 6°.54 4°.1/ 6.6 18

9 28	3 11.73	+19 33.2	1.081	1.919	22.0	17.6
10 8	3 8.89	+20 58.9	1.018	1.919	17.7	17.4
10 18	3 2.10	+22 15.4	0.972	1.921	12.7	17.1
10 28	2 52.12	+23 18.2	0.946	1.925	7.3	16.8
11 7	2 40.51	+24 4.1	0.944	1.930	4.1	16.7
11 17	2 29.24	+24 33.3	0.966	1.938	7.6	16.9
11 27	2 20.29	+24 50.7	1.011	1.947	12.8	17.2
12 7	2 14.93	+25 3.5	1.076	1.957	17.5	17.5

450161 2000 YE_{29} 11 5.3 300°.28 6°.8/30.6 16

9 28	3 10.71	− 2 5.1	2.303	3.110	12.8	22.0
10 8	3 6.08	− 3 6.8	2.180	3.060	10.5	21.8
10 18	2 59.24	− 4 8.1	2.080	3.009	8.3	21.6
10 28	2 50.58	− 5 3.0	2.007	2.957	6.8	21.4
11 7	2 40.81	− 5 44.9	1.962	2.904	7.4	21.3
11 17	2 30.82	− 6 8.6	1.945	2.851	9.7	21.4
11 27	2 21.62	− 6 10.1	1.955	2.796	12.7	21.4
12 7	2 14.07	− 5 48.8	1.987	2.741	15.6	21.5

454151 2013 EV_{68} 11 5.3 152°.97 5°.2/31.5 18

9 28	3 6.41	+ 2 36.4	2.314	3.132	12.3	21.9
10 8	3 2.19	+ 1 20.3	2.245	3.137	9.7	21.8
10 18	2 56.19	+ 0 3.8	2.200	3.141	7.1	21.6
10 28	2 48.95	− 1 7.3	2.183	3.146	5.4	21.5
11 7	2 41.19	− 2 7.4	2.194	3.150	5.7	21.6
11 17	2 33.69	− 2 51.9	2.234	3.153	7.9	21.7
11 27	2 27.21	− 3 18.0	2.300	3.157	10.4	21.9
12 7	2 22.31	− 3 25.0	2.390	3.160	12.8	22.0

102966 1999 XO_{67} 11 5.3 271°.54 1°.2/ 4.6 18

9 28	3 9.92	+15 39.5	1.552	2.375	17.2	20.1
10 8	3 6.22	+15 8.5	1.465	2.363	13.5	19.9
10 18	2 59.63	+14 25.5	1.398	2.351	9.1	19.6
10 28	2 50.79	+13 33.4	1.354	2.339	4.2	19.3
11 7	2 40.80	+12 37.3	1.338	2.327	1.8	19.1
11 17	2 30.99	+11 44.1	1.349	2.315	6.7	19.4
11 27	2 22.71	+11 0.8	1.385	2.303	11.6	19.6
12 7	2 16.94	+10 32.8	1.444	2.291	15.9	19.9

337271 2000 UY_{63} 11 5.3 2°.99 3°.2/ 7.7 18

9 28	2 59.38	+28 4.6	1.103	1.935	22.0	19.7
10 8	2 59.00	+27 22.7	1.036	1.933	17.9	19.4
10 18	2 55.18	+26 8.7	0.986	1.933	12.9	19.2
10 28	2 48.78	+24 24.1	0.956	1.934	7.4	18.9
11 7	2 41.23	+22 16.5	0.949	1.937	3.2	18.6
11 17	2 34.19	+19 59.3	0.966	1.942	6.6	18.9
11 27	2 29.18	+17 48.5	1.007	1.949	12.1	19.2
12 7	2 27.14	+15 57.4	1.069	1.957	17.0	19.5

258847 2002 PC_{93} 11 5.3 355°.64 20°.3/20.5 17

9 28	3 13.39	+51 47.1	0.992	1.712	31.0	20.0
10 8	3 13.27	+53 58.2	0.933	1.709	28.9	19.8
10 18	3 6.98	+55 29.6	0.883	1.707	26.4	19.6
10 28	2 55.03	+56 4.5	0.844	1.706	23.8	19.4
11 7	2 39.91	+55 29.5	0.818	1.705	21.6	19.3
11 17	2 25.43	+53 41.0	0.808	1.705	20.4	19.2
11 27	2 15.25	+50 51.6	0.814	1.707	20.6	19.2
12 7	2 11.15	+47 26.3	0.838	1.709	22.2	19.3

411894 2012 FC_{40} 11 5.3 189°.43 4°.2/ 9.2 17

9 28	3 9.71	+31 1.2	2.612	3.348	13.2	21.6
10 8	3 5.00	+31 19.9	2.518	3.348	11.0	21.4
10 18	2 58.25	+31 24.7	2.444	3.347	8.5	21.2
10 28	2 49.98	+31 14.1	2.396	3.346	5.9	21.1
11 7	2 40.99	+30 48.3	2.376	3.344	4.3	21.0
11 17	2 32.16	+30 9.5	2.386	3.343	5.0	21.0
11 27	2 24.38	+29 22.0	2.424	3.341	7.3	21.2
12 7	2 18.36	+28 31.4	2.489	3.339	9.9	21.3

104326 2000 FU_6 11 5.3 12°.99 2°.4/ 3.6 18

9 28	3 4.35	+12 13.3	1.771	2.601	15.0	19.2
10 8	3 1.25	+11 31.1	1.701	2.604	11.6	18.9
10 18	2 55.88	+10 41.7	1.653	2.609	7.8	18.7
10 28	2 48.90	+ 9 49.2	1.630	2.614	3.8	18.5
11 7	2 41.22	+ 8 59.1	1.634	2.620	2.8	18.5
11 17	2 33.85	+ 8 16.8	1.666	2.626	6.4	18.7
11 27	2 27.78	+ 7 47.3	1.724	2.633	10.3	18.9
12 7	2 23.69	+ 7 33.1	1.805	2.641	13.7	19.2

48653 1995 VD 11 5.3 314°.02 1°.4/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.03	+19 36.1	1.394	2.215	18.8	18.4
10 8	3 6.78	+19 43.6	1.310	2.204	15.0	18.1
10 18	3 0.28	+19 37.7	1.244	2.194	10.5	17.8
10 28	2 51.19	+19 18.4	1.201	2.184	5.3	17.5
11 7	2 40.73	+18 48.0	1.183	2.174	1.5	17.2
11 17	2 30.43	+18 11.7	1.192	2.164	6.4	17.5
11 27	2 21.86	+17 36.8	1.225	2.155	11.6	17.8
12 7	2 16.15	+17 10.2	1.280	2.146	16.3	18.1

288426 2004 EM_8 11 5.3 195°.51 0°.5/ 5.7 18

9 28	3 12.60	+19 3.4	1.855	2.652	15.7	21.8
10 8	3 7.78	+18 50.7	1.768	2.650	12.4	21.6
10 18	3 0.38	+18 26.3	1.703	2.648	8.5	21.4
10 28	2 51.05	+17 51.3	1.663	2.645	4.1	21.1
11 7	2 40.79	+17 8.9	1.651	2.642	0.8	20.8
11 17	2 30.77	+16 23.7	1.669	2.638	5.3	21.2
11 27	2 22.15	+15 41.7	1.714	2.634	9.6	21.4
12 7	2 15.79	+15 8.4	1.784	2.629	13.4	21.6

421170 2013 RO_{45} 11 5.3 14°.70 3°.9/ 8.6 17

9 28	3 7.54	+28 40.0	2.395	3.152	13.7	20.5
10 8	3 3.44	+29 5.1	2.308	3.154	11.3	20.3
10 18	2 57.27	+29 17.0	2.243	3.157	8.5	20.1
10 28	2 49.55	+29 14.4	2.202	3.160	5.7	20.0
11 7	2 41.09	+28 57.7	2.189	3.163	4.0	19.9
11 17	2 32.82	+28 29.0	2.205	3.167	5.0	19.9
11 27	2 25.64	+27 52.7	2.249	3.171	7.6	20.1
12 7	2 20.25	+27 14.0	2.319	3.175	10.3	20.3

453497 2009 SU_{350} 11 5.3 324°.84 0°.1/ 5.4 17

9 28	3 12.04	+14 1.6	1.838	2.647	15.4	20.8
10 8	3 7.61	+14 38.1	1.738	2.628	12.2	20.5
10 18	3 0.50	+15 11.5	1.661	2.610	8.3	20.3
10 28	2 51.23	+15 41.7	1.608	2.592	3.9	20.0
11 7	2 40.74	+16 9.3	1.584	2.575	0.8	19.7
11 17	2 30.20	+16 35.3	1.588	2.558	5.5	20.0
11 27	2 20.88	+17 2.0	1.620	2.542	10.0	20.2
12 7	2 13.79	+17 32.1	1.677	2.526	13.9	20.4

479690 2014 DE_{97} 11 5.3 1°.01 1°.4/ 4.4 18

9 28	3 8.49	+14 53.8	1.640	2.462	16.4	21.4
10 8	3 4.76	+14 20.1	1.563	2.462	12.8	21.2
10 18	2 58.42	+13 36.2	1.508	2.462	8.6	20.9
10 28	2 50.15	+12 45.3	1.477	2.462	3.9	20.7
11 7	2 40.99	+11 52.9	1.473	2.462	1.9	20.5
11 17	2 32.14	+11 4.9	1.497	2.462	6.4	20.8
11 27	2 24.77	+10 27.5	1.547	2.463	10.8	21.1
12 7	2 19.70	+10 4.7	1.620	2.463	14.6	21.3

348298 2004 XR_{191} 11 5.3 237°.01 9°.0/15.4 18

9 28	3 16.87	+50 34.7	3.087	3.673	13.9	21.0
10 8	3 11.20	+51 33.6	2.979	3.661	12.7	20.8
10 18	3 2.82	+52 14.9	2.889	3.648	11.4	20.7
10 28	2 52.27	+52 33.6	2.820	3.634	10.2	20.6
11 7	2 40.54	+52 26.6	2.773	3.620	9.3	20.5
11 17	2 28.82	+51 53.2	2.751	3.606	9.1	20.5
11 27	2 18.39	+50 56.6	2.755	3.591	9.6	20.5
12 7	2 10.23	+49 42.9	2.784	3.576	10.6	20.6

211277 2002 RC_{127} 11 5.3 210°.28 1°.3/ 6.5 18

9 28	3 7.87	+23 49.8	1.910	2.700	15.6	20.2
10 8	3 4.01	+23 7.2	1.824	2.700	12.4	20.0
10 18	2 57.77	+22 7.4	1.759	2.699	8.7	19.8
10 28	2 49.80	+20 51.8	1.719	2.698	4.5	19.5
11 7	2 41.06	+19 25.1	1.707	2.697	1.4	19.3
11 17	2 32.64	+17 54.0	1.725	2.696	4.9	19.6
11 27	2 25.56	+16 26.6	1.771	2.695	9.1	19.8
12 7	2 20.58	+15 10.1	1.842	2.694	12.8	20.0

30530 2001 NS_{18} 11 5.3 86°.79 0°.5/ 5.0 18

9 28	3 13.20	+17 17.6	1.579	2.390	17.4	19.9
10 8	3 8.26	+16 48.3	1.520	2.411	13.5	19.7
10 18	3 0.60	+16 7.2	1.482	2.432	9.0	19.5
10 28	2 51.07	+15 17.4	1.469	2.453	4.1	19.3
11 7	2 40.87	+14 23.8	1.483	2.474	1.1	19.1
11 17	2 31.25	+13 32.7	1.526	2.494	5.9	19.5
11 27	2 23.38	+12 50.3	1.595	2.514	10.3	19.8
12 7	2 17.98	+12 21.1	1.688	2.533	14.1	20.1

108505 2001 KJ_{68} 11 5.3 169°.83 3°.8/ 2.2 18

9 28	3 8.15	+ 7 32.2	2.159	2.975	13.2	20.4
10 8	3 3.74	+ 6 31.6	2.084	2.978	10.3	20.2
10 18	2 57.35	+ 5 27.2	2.031	2.980	7.1	20.0
10 28	2 49.56	+ 4 23.9	2.006	2.982	4.3	19.9
11 7	2 41.16	+ 3 27.1	2.010	2.984	4.3	19.9
11 17	2 33.03	+ 2 41.8	2.043	2.985	6.9	20.0
11 27	2 26.01	+ 2 11.8	2.103	2.986	10.1	20.2
12 7	2 20.73	+ 1 58.8	2.187	2.986	12.9	20.4

397948 2008 YQ_{19} 11 5.3 176°.86 6°.3/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.61	− 0 48.9	2.082	2.898	13.6	21.2
10 8	3 4.92	− 1 46.7	2.012	2.899	10.9	21.0
10 18	2 58.16	− 2 41.6	1.965	2.900	8.3	20.9
10 28	2 49.94	− 3 27.6	1.944	2.901	6.5	20.8
11 7	2 41.09	− 3 59.2	1.951	2.901	6.8	20.8
11 17	2 32.51	− 4 12.6	1.986	2.901	8.9	20.9
11 27	2 25.10	− 4 6.0	2.046	2.900	11.6	21.1
12 7	2 19.51	− 3 39.9	2.129	2.900	14.2	21.3

501557 2014 LX_{26} 11 5.3 322°.69 22°.7/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.09	−25 6.8	1.048	1.861	24.2	20.5
10 8	3 7.35	−28 23.2	1.024	1.856	23.1	20.4
10 18	3 0.77	−31 4.4	1.015	1.852	22.7	20.4
10 28	2 51.36	−32 51.8	1.022	1.848	23.2	20.4
11 7	2 40.81	−33 34.3	1.043	1.845	24.3	20.5
11 17	2 30.96	−33 9.8	1.077	1.841	25.7	20.6
11 27	2 23.49	−31 44.3	1.123	1.839	27.4	20.7
12 7	2 19.36	−29 29.7	1.178	1.836	28.9	20.8

112446 2002 OV_{6} 11 5.3 136°.90 4°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.08	+ 6 25.7	2.293	3.104	12.7	20.6
10 8	3 4.22	+ 5 18.5	2.226	3.118	9.8	20.4
10 18	2 57.53	+ 4 8.8	2.184	3.131	6.8	20.3
10 28	2 49.59	+ 3 1.6	2.170	3.143	4.4	20.2
11 7	2 41.17	+ 2 2.2	2.185	3.155	4.5	20.2
11 17	2 33.07	+ 1 15.2	2.230	3.166	6.9	20.4
11 27	2 26.07	+ 0 43.9	2.302	3.176	9.7	20.6
12 7	2 20.73	+ 0 29.5	2.399	3.186	12.3	20.8

327056 2004 TA_{89} 11 5.4 321°.02 2°.4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.93	+12 5.1	1.910	2.735	14.3	20.7
10 8	3 1.71	+11 23.2	1.822	2.722	11.2	20.5
10 18	2 56.27	+10 33.5	1.755	2.710	7.5	20.2
10 28	2 49.17	+ 9 40.0	1.715	2.698	3.7	20.0
11 7	2 41.24	+ 8 47.8	1.702	2.687	2.8	19.9
11 17	2 33.47	+ 8 2.4	1.716	2.676	6.4	20.1
11 27	2 26.85	+ 7 29.0	1.758	2.665	10.3	20.3
12 7	2 22.14	+ 7 10.6	1.823	2.655	13.8	20.5

394253 2006 TU_{124} 11 5.4 71°.68 1°.0/ 6.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.17	+22 51.6	1.870	2.665	15.7	21.3
10 8	3 4.10	+22 5.5	1.800	2.680	12.4	21.2
10 18	2 57.72	+21 3.5	1.752	2.695	8.5	21.0
10 28	2 49.74	+19 48.0	1.729	2.710	4.3	20.7
11 7	2 41.15	+18 24.0	1.735	2.725	1.0	20.5
11 17	2 33.02	+16 58.4	1.769	2.740	4.9	20.8
11 27	2 26.30	+15 38.8	1.832	2.755	8.9	21.1
12 7	2 21.67	+14 31.2	1.920	2.770	12.4	21.4

26166 1995 QN_{3} 11 5.4 93°.02 2°.4/ 2.4 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.65	+ 7 26.2	3.573	4.365	8.9	23.4
10 8	3 2.31	+ 6 36.6	3.523	4.405	6.8	23.3
10 18	2 55.86	+ 5 45.8	3.500	4.443	4.6	23.2
10 28	2 48.71	+ 4 56.6	3.506	4.481	2.8	23.1
11 7	2 41.37	+ 4 11.8	3.545	4.518	2.7	23.1
11 17	2 34.31	+ 3 34.0	3.615	4.554	4.4	23.3
11 27	2 28.01	+ 3 5.2	3.716	4.590	6.4	23.4
12 7	2 22.82	+ 2 46.5	3.844	4.624	8.2	23.6

158821 2003 UC_{202} 11 5.4 37°.01 4°.2/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.35	+ 4 44.2	1.735	2.561	15.5	18.3
10 8	3 5.68	+ 4 29.9	1.684	2.583	12.0	18.1
10 18	2 58.70	+ 4 16.7	1.656	2.606	8.3	18.0
10 28	2 50.16	+ 4 8.8	1.652	2.629	5.0	17.8
11 7	2 41.08	+ 4 9.6	1.676	2.653	4.5	17.8
11 17	2 32.51	+ 4 22.0	1.728	2.678	7.3	18.1
11 27	2 25.41	+ 4 47.0	1.806	2.702	10.7	18.3
12 7	2 20.43	+ 5 24.6	1.907	2.728	13.7	18.6

482581 2012 XO_{43} 11 5.4 262°.86 4°.3/ 8.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.61	+30 31.1	1.913	2.675	16.5	21.7
10 8	3 5.72	+30 23.3	1.815	2.664	13.7	21.5
10 18	2 59.17	+29 55.4	1.737	2.654	10.4	21.3
10 28	2 50.57	+29 5.5	1.682	2.643	6.9	21.1
11 7	2 40.97	+27 55.0	1.654	2.631	4.4	20.9
11 17	2 31.57	+26 28.9	1.654	2.620	5.7	20.9
11 27	2 23.59	+24 55.5	1.682	2.609	9.3	21.1
12 7	2 17.94	+23 24.0	1.735	2.597	12.9	21.3

376826 2001 FF_{64} 11 5.4 229°.18 2°.8/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.93	+11 2.8	1.675	2.495	16.2	21.1
10 8	3 7.48	+10 27.7	1.591	2.488	12.7	20.8
10 18	3 0.32	+ 9 45.6	1.528	2.481	8.6	20.6
10 28	2 51.11	+ 9 0.5	1.490	2.473	4.4	20.3
11 7	2 40.88	+ 8 17.8	1.480	2.465	3.3	20.2
11 17	2 30.87	+ 7 43.2	1.497	2.456	7.2	20.5
11 27	2 22.31	+ 7 21.8	1.541	2.447	11.6	20.7
12 7	2 16.09	+ 7 16.7	1.608	2.438	15.4	20.9

378116 2006 UC_{259} 11 5.4 221°.43 1°.4/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.76	+19 31.8	1.691	2.489	17.0	21.6
10 8	3 9.89	+19 45.3	1.603	2.484	13.6	21.4
10 18	3 2.08	+19 47.8	1.535	2.478	9.4	21.1
10 28	2 51.99	+19 39.0	1.492	2.472	4.8	20.8
11 7	2 40.70	+19 20.5	1.476	2.465	1.5	20.6
11 17	2 29.59	+18 55.8	1.488	2.458	5.7	20.9
11 27	2 20.02	+18 30.6	1.528	2.451	10.3	21.1
12 7	2 12.99	+18 10.6	1.591	2.443	14.4	21.4

279407 2010 EA_{105} 11 5.4 246°.12 7°.1/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.31	+ 0 13.2	1.799	2.627	14.9	20.3
10 8	3 4.31	− 1 3.4	1.728	2.622	12.0	20.1
10 18	2 57.98	− 2 18.8	1.678	2.618	9.1	19.9
10 28	2 49.95	− 3 25.5	1.654	2.613	7.2	19.8
11 7	2 41.14	− 4 16.2	1.657	2.608	7.7	19.8
11 17	2 32.60	− 4 45.3	1.686	2.603	10.1	20.0
11 27	2 25.34	− 4 50.0	1.739	2.597	13.2	20.1
12 7	2 20.13	− 4 30.9	1.814	2.592	16.0	20.3

365385 2009 VL_{42} 11 5.4 51°.66 4°.7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.94	+ 2 59.1	2.083	2.904	13.4	20.4
10 8	3 3.58	+ 2 24.1	2.018	2.912	10.6	20.2
10 18	2 57.24	+ 1 50.3	1.976	2.921	7.5	20.0
10 28	2 49.52	+ 1 22.4	1.961	2.931	5.1	19.9
11 7	2 41.24	+ 1 4.5	1.973	2.940	5.1	19.9
11 17	2 33.27	+ 0 59.9	2.013	2.950	7.4	20.1
11 27	2 26.46	+ 1 10.4	2.079	2.959	10.3	20.3
12 7	2 21.42	+ 1 35.9	2.170	2.969	13.0	20.5

486873 2014 KP_{44} 11 5.4 201°.43 12°.0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.48	−23 7.9	2.382	3.132	14.0	21.8
10 8	3 6.23	−24 35.4	2.333	3.129	12.9	21.7
10 18	2 58.98	−25 46.2	2.305	3.124	12.1	21.6
10 28	2 50.32	−26 32.7	2.300	3.120	12.0	21.6
11 7	2 41.09	−26 49.8	2.317	3.114	12.6	21.6
11 17	2 32.18	−26 35.4	2.356	3.109	13.6	21.7
11 27	2 24.43	−25 50.6	2.415	3.102	14.9	21.8
12 7	2 18.47	−24 39.3	2.491	3.096	16.1	21.9

517531 2014 RL_{65} 11 5.4 74°.31 3°.7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.58	+ 7 3.1	2.226	3.046	12.7	21.1
10 8	3 1.68	+ 6 7.2	2.156	3.052	9.9	20.9
10 18	2 55.94	+ 5 8.5	2.108	3.058	6.8	20.8
10 28	2 48.92	+ 4 11.7	2.088	3.064	4.2	20.6
11 7	2 41.37	+ 3 21.7	2.097	3.070	4.2	20.6
11 17	2 34.08	+ 2 42.9	2.134	3.076	6.7	20.8
11 27	2 27.83	+ 2 18.7	2.198	3.083	9.6	21.0
12 7	2 23.20	+ 2 10.4	2.286	3.089	12.3	21.2

365256 2009 OT_{25} 11 5.4 78°.41 0°.2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.38	+19 34.4	2.146	2.943	13.9	21.1
10 8	3 3.19	+18 59.4	2.075	2.958	10.9	20.9
10 18	2 56.99	+18 13.2	2.027	2.973	7.3	20.7
10 28	2 49.40	+17 18.0	2.005	2.987	3.4	20.5
11 7	2 41.28	+16 18.0	2.012	3.002	0.6	20.3
11 17	2 33.51	+15 18.0	2.048	3.017	4.5	20.7
11 27	2 26.94	+14 23.5	2.113	3.032	8.2	20.9
12 7	2 22.17	+13 38.9	2.204	3.047	11.3	21.1

25425 Chelsealynn 11 5.4 115°.95 1°.5/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.19	+21 58.0	1.962	2.750	15.3	19.5
10 8	3 6.47	+21 50.0	1.886	2.761	12.2	19.3
10 18	2 59.37	+21 29.1	1.832	2.771	8.5	19.1
10 28	2 50.58	+20 56.0	1.803	2.781	4.4	18.9
11 7	2 41.05	+20 13.5	1.802	2.791	1.6	18.7
11 17	2 31.88	+19 26.0	1.830	2.800	4.8	19.0
11 27	2 24.08	+18 39.3	1.886	2.809	8.7	19.2
12 7	2 18.40	+17 58.8	1.968	2.818	12.1	19.4

90774 1993 UA_{5} 11 5.4 95°.89 1°.9/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.32	+10 4.3	2.325	3.129	12.7	19.3
10 8	3 5.24	+ 9 56.3	2.254	3.142	9.8	19.1
10 18	2 58.28	+ 9 45.4	2.206	3.155	6.6	18.9
10 28	2 50.00	+ 9 34.0	2.186	3.168	3.3	18.7
11 7	2 41.17	+ 9 24.6	2.195	3.181	2.2	18.7
11 17	2 32.63	+ 9 20.0	2.234	3.193	5.2	18.9
11 27	2 25.19	+ 9 22.5	2.302	3.206	8.4	19.1
12 7	2 19.44	+ 9 33.7	2.396	3.218	11.2	19.3

73528 2003 NU_{8} 11 5.4 34°.70 8°.2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.17	+44 33.1	2.093	2.770	17.6	18.1
10 8	3 6.14	+44 31.8	2.010	2.779	15.5	18.0
10 18	2 59.33	+44 3.7	1.944	2.787	13.1	17.8
10 28	2 50.57	+43 5.3	1.899	2.796	10.6	17.7
11 7	2 41.06	+41 36.5	1.878	2.806	8.7	17.6
11 17	2 32.11	+39 41.8	1.884	2.816	8.3	17.6
11 27	2 24.89	+37 30.1	1.918	2.826	9.5	17.7
12 7	2 20.14	+35 12.4	1.979	2.836	11.8	17.9

13106 1993 FV_{48} 11 5.4 141°.37 2°.7/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.51	+12 25.4	1.696	2.516	16.0	18.4
10 8	3 6.14	+11 29.1	1.624	2.522	12.4	18.2
10 18	2 59.25	+10 24.0	1.574	2.528	8.3	18.0
10 28	2 50.54	+ 9 15.0	1.550	2.533	4.2	17.7
11 7	2 41.07	+ 8 8.5	1.553	2.538	3.3	17.7
11 17	2 31.98	+ 7 11.4	1.585	2.543	7.0	17.9
11 27	2 24.37	+ 6 29.2	1.643	2.547	11.1	18.2
12 7	2 19.00	+ 6 5.2	1.725	2.551	14.7	18.4

242642 2005 NE_{6} 11 5.4 57°.59 1°.6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.20	+23 16.7	1.761	2.557	16.5	20.6
10 8	3 5.02	+22 51.2	1.700	2.578	13.1	20.4
10 18	2 58.39	+22 10.0	1.659	2.600	9.1	20.2
10 28	2 50.08	+21 14.7	1.644	2.622	4.7	20.0
11 7	2 41.17	+20 9.8	1.656	2.645	1.6	19.8
11 17	2 32.77	+19 1.4	1.696	2.667	5.0	20.1
11 27	2 25.92	+17 56.5	1.764	2.690	9.0	20.4
12 7	2 21.28	+17 1.2	1.856	2.712	12.5	20.7

102115 1999 RZ_{168} 11 5.4 30°.27 2°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.32	+21 11.4	1.144	1.976	21.4	18.2
10 8	3 7.30	+21 20.8	1.085	1.985	17.0	18.0
10 18	3 0.68	+21 12.8	1.044	1.995	11.9	17.7
10 28	2 51.37	+20 47.6	1.024	2.006	6.2	17.4
11 7	2 40.90	+20 8.7	1.028	2.018	2.1	17.2
11 17	2 31.03	+19 22.9	1.056	2.030	6.7	17.6
11 27	2 23.38	+18 39.2	1.108	2.043	12.0	17.9
12 7	2 18.92	+18 5.4	1.182	2.057	16.7	18.2

166352 2002 KN_{9} 11 5.4 55°.36 9°.7/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.04	− 7 19.1	1.527	2.347	17.5	18.8
10 8	3 8.61	− 8 15.9	1.495	2.375	14.4	18.7
10 18	3 0.64	− 9 0.0	1.483	2.404	11.5	18.6
10 28	2 51.04	− 9 23.7	1.494	2.433	9.8	18.5
11 7	2 41.00	− 9 22.0	1.531	2.461	10.1	18.6
11 17	2 31.73	− 8 53.2	1.592	2.490	11.9	18.8
11 27	2 24.23	− 7 59.3	1.677	2.519	14.4	19.0
12 7	2 19.12	− 6 44.9	1.782	2.548	16.7	19.3

160358 2003 WE_{159} 11 5.4 321°.23 7°.7/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.63	− 7 38.8	2.158	2.959	13.7	19.3
10 8	3 6.52	− 8 2.9	2.080	2.950	11.4	19.1
10 18	2 59.29	− 8 17.7	2.024	2.940	9.2	19.0
10 28	2 50.53	− 8 17.9	1.994	2.931	7.8	18.9
11 7	2 41.07	− 7 59.4	1.991	2.922	8.0	18.9
11 17	2 31.83	− 7 20.0	2.015	2.914	9.7	19.0
11 27	2 23.72	− 6 20.2	2.065	2.906	12.1	19.1
12 7	2 17.45	− 5 2.5	2.139	2.898	14.5	19.3

486833 2014 JW_{39} 11 5.4 192°.06 0°.2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.80	+20 4.1	2.210	3.000	13.7	21.6
10 8	3 4.38	+19 22.6	2.120	2.999	10.8	21.4
10 18	2 57.88	+18 28.5	2.053	2.997	7.4	21.2
10 28	2 49.88	+17 23.9	2.013	2.995	3.5	20.9
11 7	2 41.20	+16 13.0	2.002	2.993	0.6	20.7
11 17	2 32.76	+15 1.1	2.021	2.990	4.7	21.0
11 27	2 25.47	+13 54.3	2.070	2.986	8.4	21.2
12 7	2 20.00	+12 57.6	2.144	2.983	11.7	21.4

127004 2002 GW_{1} 11 5.4 77°.15 6°.2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.35	+ 0 55.3	1.759	2.578	15.6	19.3
10 8	3 7.82	+ 0 1.2	1.717	2.608	12.3	19.2
10 18	3 0.02	− 0 49.2	1.698	2.638	8.9	19.1
10 28	2 50.76	− 1 29.7	1.704	2.667	6.5	19.0
11 7	2 41.06	− 1 54.9	1.737	2.696	6.6	19.1
11 17	2 31.99	− 2 1.7	1.798	2.725	8.9	19.3
11 27	2 24.46	− 1 49.0	1.885	2.753	11.8	19.5
12 7	2 19.07	− 1 18.2	1.994	2.780	14.5	19.7

500090 2011 YQ_{74} 11 5.4 136°.03 5°.7/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.72	+38 3.3	2.886	3.573	13.0	20.8
10 8	3 6.47	+38 27.9	2.799	3.584	11.2	20.7
10 18	2 59.20	+38 36.7	2.733	3.595	9.1	20.6
10 28	2 50.47	+38 27.3	2.691	3.605	7.2	20.5
11 7	2 41.10	+37 59.4	2.676	3.615	5.8	20.4
11 17	2 31.98	+37 14.7	2.690	3.625	5.9	20.4
11 27	2 23.97	+36 17.7	2.733	3.634	7.3	20.5
12 7	2 17.74	+35 14.2	2.802	3.642	9.2	20.7

483191 2015 PZ_{175} 11 5.4 105°.03 3°.4/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.30	+25 21.4	1.932	2.706	16.0	21.6
10 8	3 8.32	+25 45.3	1.855	2.716	13.0	21.4
10 18	3 0.75	+25 55.4	1.798	2.726	9.4	21.2
10 28	2 51.28	+25 50.3	1.766	2.735	5.8	21.0
11 7	2 40.94	+25 30.9	1.762	2.744	3.4	20.9
11 17	2 30.92	+25 0.0	1.786	2.753	5.3	21.0
11 27	2 22.35	+24 23.5	1.838	2.762	8.8	21.2
12 7	2 16.07	+23 47.3	1.916	2.771	12.2	21.5

480135 2015 FR_{153} 11 5.4 62°.32 0°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.96	+16 44.3	1.433	2.253	18.4	20.8
10 8	3 8.39	+16 33.1	1.377	2.273	14.4	20.6
10 18	3 0.89	+16 10.7	1.341	2.293	9.6	20.4
10 28	2 51.31	+15 39.5	1.329	2.313	4.4	20.1
11 7	2 40.97	+15 4.0	1.343	2.333	1.0	19.9
11 17	2 31.23	+14 29.5	1.384	2.354	6.1	20.3
11 27	2 23.37	+14 2.2	1.451	2.374	10.8	20.7
12 7	2 18.16	+13 46.4	1.541	2.394	14.7	21.0

440842 2006 SE_{84} 11 5.4 9°.91 3°.2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.24	+21 45.2	1.502	2.310	18.3	20.3
10 8	3 7.47	+22 32.4	1.429	2.312	14.7	20.1
10 18	3 0.61	+23 7.9	1.374	2.315	10.5	19.9
10 28	2 51.36	+23 29.7	1.343	2.319	6.1	19.6
11 7	2 40.93	+23 37.5	1.338	2.324	3.2	19.5
11 17	2 30.78	+23 33.7	1.359	2.329	6.1	19.7
11 27	2 22.34	+23 23.4	1.405	2.335	10.4	19.9
12 7	2 16.63	+23 12.9	1.475	2.343	14.4	20.2

51493 2001 FE_{79} 11 5.4 157°.89 2°.0/ 3.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.14	+13 29.4	1.925	2.732	14.9	20.1
10 8	3 7.12	+12 42.2	1.849	2.740	11.6	19.9
10 18	2 59.77	+11 46.6	1.796	2.747	7.7	19.7
10 28	2 50.77	+10 46.2	1.769	2.753	3.7	19.5
11 7	2 41.07	+ 9 46.4	1.772	2.758	2.4	19.4
11 17	2 31.72	+ 8 52.8	1.803	2.763	6.1	19.7
11 27	2 23.72	+ 8 10.7	1.863	2.767	10.0	19.9
12 7	2 17.79	+ 7 43.5	1.947	2.770	13.4	20.1

42762 1998 SB_{116} 11 5.4 6°.36 0°.4/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.19	+18 1.9	1.597	2.424	16.5	18.0
10 8	3 0.75	+17 27.0	1.525	2.426	12.9	17.8
10 18	2 55.79	+16 38.9	1.474	2.428	8.7	17.6
10 28	2 49.00	+15 40.7	1.446	2.431	4.0	17.3
11 7	2 41.41	+14 37.8	1.445	2.436	1.0	17.1
11 17	2 34.14	+13 36.8	1.471	2.441	5.8	17.4
11 27	2 28.30	+12 44.7	1.523	2.448	10.2	17.7
12 7	2 24.65	+12 6.6	1.598	2.455	14.1	18.0

54033 2000 GV_{106} 11 5.4 228°.95 0°.7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.36	+15 31.2	1.871	2.676	15.3	20.3
10 8	3 7.66	+15 15.0	1.779	2.667	12.1	20.1
10 18	3 0.40	+14 49.7	1.708	2.657	8.2	19.9
10 28	2 51.18	+14 17.4	1.663	2.647	3.8	19.6
11 7	2 40.97	+13 41.4	1.647	2.637	1.2	19.4
11 17	2 30.91	+13 6.4	1.659	2.626	5.7	19.7
11 27	2 22.16	+12 37.5	1.699	2.614	10.0	19.9
12 7	2 15.60	+12 19.1	1.763	2.602	13.9	20.1

329538 2002 TH_{93} 11 5.4 148°.41 1°.0/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.60	+22 56.4	2.537	3.317	12.5	20.3
10 8	3 1.64	+22 15.5	2.448	3.318	9.9	20.1
10 18	2 55.91	+21 22.0	2.382	3.320	6.8	19.9
10 28	2 48.94	+20 17.5	2.343	3.322	3.5	19.7
11 7	2 41.43	+19 5.5	2.334	3.324	1.0	19.5
11 17	2 34.16	+17 50.6	2.355	3.325	3.9	19.7
11 27	2 27.88	+16 38.2	2.406	3.327	7.2	19.9
12 7	2 23.15	+15 33.4	2.484	3.328	10.1	20.1

226321 2003 EP_{3} 11 5.4 308°.37 4°.6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.86	+ 8 25.3	1.416	2.257	17.5	19.8
10 8	3 4.87	+ 7 37.1	1.331	2.240	13.8	19.6
10 18	2 58.92	+ 6 42.2	1.267	2.224	9.6	19.3
10 28	2 50.62	+ 5 46.6	1.226	2.207	5.6	19.0
11 7	2 41.08	+ 4 58.0	1.211	2.191	5.2	18.9
11 17	2 31.68	+ 4 23.5	1.221	2.175	9.1	19.1
11 27	2 23.83	+ 4 9.1	1.255	2.160	13.7	19.4
12 7	2 18.55	+ 4 16.9	1.310	2.146	17.9	19.6

239098 2006 HC_{48} 11 5.4 122°.31 2°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.70	+11 41.8	1.867	2.684	14.9	20.7
10 8	3 5.30	+11 2.0	1.794	2.690	11.6	20.5
10 18	2 58.60	+10 15.6	1.744	2.696	7.7	20.3
10 28	2 50.24	+ 9 26.7	1.720	2.703	3.9	20.1
11 7	2 41.19	+ 8 40.1	1.723	2.709	2.9	20.0
11 17	2 32.47	+ 8 1.0	1.756	2.714	6.4	20.3
11 27	2 25.08	+ 7 34.0	1.815	2.720	10.2	20.5
12 7	2 19.73	+ 7 21.6	1.899	2.725	13.5	20.8

226517 2003 UA_{47} 11 5.4 37°.94 3°.5/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.06	+ 6 7.3	2.144	2.962	13.2	19.7
10 8	3 3.71	+ 5 44.8	2.072	2.967	10.3	19.5
10 18	2 57.38	+ 5 21.6	2.023	2.972	7.1	19.3
10 28	2 49.65	+ 5 1.2	2.000	2.977	4.2	19.2
11 7	2 41.31	+ 4 47.2	2.005	2.983	3.8	19.1
11 17	2 33.23	+ 4 42.9	2.039	2.988	6.4	19.3
11 27	2 26.26	+ 4 50.3	2.101	2.994	9.6	19.5
12 7	2 21.03	+ 5 10.2	2.186	3.000	12.5	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
360507 2003 *MK* 11 5.4 93°.27 1°.9/ 3.7 15						
	h m	° ′			°	m
9 28	3 8.14	+12 24.2	2.363	3.168	12.5	21.7
10 8	3 3.46	+11 39.9	2.301	3.190	9.6	21.6
10 18	2 57.02	+10 50.1	2.262	3.213	6.4	21.4
10 28	2 49.41	+ 9 58.3	2.252	3.235	3.1	21.2
11 7	2 41.38	+ 9 8.4	2.271	3.256	2.2	21.2
11 17	2 33.71	+ 8 24.8	2.320	3.277	5.1	21.4
11 27	2 27.12	+ 7 50.9	2.397	3.298	8.2	21.7
12 7	2 22.15	+ 7 29.0	2.501	3.318	10.9	21.9
89368 2001 VZ_{85} 11 5.4 112°.99 1°.2/ 6.2 18						
9 28	3 9.08	+20 31.3	2.046	2.840	14.6	19.8
10 8	3 4.85	+20 26.4	1.962	2.841	11.6	19.6
10 18	2 58.35	+20 10.3	1.900	2.842	8.0	19.4
10 28	2 50.17	+19 43.9	1.863	2.843	4.1	19.2
11 7	2 41.22	+19 9.4	1.854	2.843	1.2	19.0
11 17	2 32.51	+18 30.8	1.874	2.844	4.7	19.2
11 27	2 25.01	+17 53.3	1.922	2.845	8.5	19.5
12 7	2 19.49	+17 21.6	1.995	2.846	12.0	19.7
136209 2003 WF_{20} 11 5.4 33°.40 8°.2/10.1 18						
9 28	3 11.77	+31 55.1	0.954	1.769	25.9	18.3
10 8	3 9.23	+32 48.0	0.914	1.791	21.6	18.1
10 18	3 2.30	+33 9.8	0.888	1.814	16.6	17.9
10 28	2 52.17	+32 55.2	0.880	1.839	11.7	17.8
11 7	2 40.87	+32 5.5	0.892	1.865	8.4	17.7
11 17	2 30.61	+30 49.0	0.927	1.892	9.2	17.8
11 27	2 23.26	+29 20.3	0.983	1.920	12.9	18.1
12 7	2 19.75	+27 54.3	1.061	1.949	17.0	18.5
119289 2001 RW_{125} 11 5.4 78°.05 2°.0/ 4.3 18						
9 28	3 11.99	+12 49.4	1.528	2.352	17.3	20.2
10 8	3 7.58	+12 25.8	1.463	2.362	13.5	20.0
10 18	3 0.37	+11 54.5	1.417	2.371	9.0	19.7
10 28	2 51.14	+11 19.1	1.397	2.381	4.3	19.5
11 7	2 41.06	+10 44.5	1.403	2.390	2.4	19.4
11 17	2 31.42	+10 16.0	1.436	2.400	6.7	19.7
11 27	2 23.46	+ 9 58.7	1.495	2.410	11.2	20.0
12 7	2 17.99	+ 9 55.3	1.577	2.419	15.1	20.2
53909 2000 GC_4 11 5.4 151°.39 0°.7/ 5.9 18						
9 28	3 13.21	+19 41.5	1.971	2.762	15.2	19.3
10 8	3 8.04	+19 28.7	1.892	2.770	12.0	19.1
10 18	3 0.46	+19 4.4	1.835	2.777	8.2	18.9
10 28	2 51.14	+18 29.8	1.803	2.784	4.0	18.7
11 7	2 41.06	+17 47.9	1.801	2.791	0.9	18.4
11 17	2 31.30	+17 3.2	1.827	2.797	4.9	18.8
11 27	2 22.93	+16 21.2	1.883	2.802	8.9	19.0
12 7	2 16.69	+15 46.9	1.963	2.807	12.5	19.2
166336 2002 JN_{121} 11 5.4 71°.43 8°.2/31.3 18						
9 28	3 10.83	− 2 59.7	1.661	2.487	16.1	20.1
10 8	3 6.14	− 4 12.9	1.617	2.507	13.0	19.9
10 18	2 59.08	− 5 19.4	1.595	2.526	10.1	19.8
10 28	2 50.42	− 6 11.1	1.597	2.546	8.3	19.7
11 7	2 41.23	− 6 41.8	1.625	2.566	8.7	19.8
11 17	2 32.59	− 6 47.9	1.678	2.586	10.8	20.0
11 27	2 25.49	− 6 28.9	1.756	2.605	13.5	20.2
12 7	2 20.56	− 5 47.4	1.854	2.625	16.0	20.4
220724 2004 SL_{47} 11 5.4 79°.54 4°.5/ 8.9 18						
9 28	3 10.84	+30 0.0	2.213	2.963	14.9	20.2
10 8	3 6.20	+30 24.9	2.133	2.973	12.3	20.0
10 18	2 59.24	+30 34.5	2.074	2.983	9.4	19.9
10 28	2 50.59	+30 27.2	2.039	2.993	6.4	19.7
11 7	2 41.18	+30 3.4	2.032	3.003	4.6	19.6
11 17	2 32.03	+29 25.6	2.053	3.013	5.4	19.7
11 27	2 24.18	+28 39.2	2.103	3.024	8.1	19.9
12 7	2 18.36	+27 50.4	2.178	3.033	10.9	20.1
52623 1997 VY_6 11 5.4 356°.38 0°.4/ 5.6 18						
9 28	3 3.36	+18 28.9	1.300	2.140	18.8	18.4
10 8	3 1.59	+18 20.5	1.227	2.134	14.9	18.1
10 18	2 56.78	+17 57.7	1.173	2.129	10.2	17.8
10 28	2 49.63	+17 22.5	1.141	2.126	4.9	17.5
11 7	2 41.35	+16 39.2	1.133	2.124	0.9	17.2
11 17	2 33.36	+15 54.5	1.150	2.123	6.4	17.6
11 27	2 27.07	+15 15.9	1.191	2.125	11.5	17.9
12 7	2 23.46	+14 49.7	1.254	2.127	16.0	18.2
311858 2006 WD_{19} 11 5.4 296°.14 1°.1/ 4.7 18						
9 28	3 9.09	+13 53.8	1.949	2.761	14.5	21.2
10 8	3 4.95	+13 42.3	1.862	2.755	11.4	21.0
10 18	2 58.49	+13 24.0	1.798	2.749	7.7	20.7
10 28	2 50.28	+13 1.0	1.759	2.743	3.5	20.5
11 7	2 41.23	+12 36.6	1.748	2.737	1.5	20.3
11 17	2 32.35	+12 14.6	1.765	2.731	5.5	20.6
11 27	2 24.68	+11 59.3	1.810	2.726	9.5	20.8
12 7	2 19.01	+11 53.8	1.880	2.720	13.1	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
296312 2009 DW_{133} 11 5.4 82°.14 1°.5/ 4.3 18						
	h m	° ′			°	m
9 28	3 9.05	+13 44.1	1.868	2.683	15.0	20.6
10 8	3 4.85	+13 15.0	1.795	2.689	11.6	20.4
10 18	2 58.33	+12 38.3	1.743	2.695	7.8	20.2
10 28	2 50.16	+11 56.9	1.717	2.701	3.6	20.0
11 7	2 41.27	+11 15.4	1.719	2.707	2.0	19.9
11 17	2 32.70	+10 38.5	1.750	2.714	5.8	20.1
11 27	2 25.45	+10 11.0	1.808	2.720	9.7	20.4
12 7	2 20.23	+ 9 56.0	1.889	2.726	13.2	20.6
228843 2003 ES_{46} 11 5.4 220°.72 1°.8/ 4.3 18						
9 28	3 12.57	+12 23.1	1.917	2.725	14.9	21.2
10 8	3 7.71	+12 4.9	1.828	2.718	11.7	21.0
10 18	3 0.39	+11 40.5	1.761	2.711	7.9	20.8
10 28	2 51.20	+11 12.4	1.720	2.703	3.8	20.5
11 7	2 41.09	+10 44.3	1.707	2.695	2.2	20.4
11 17	2 31.14	+10 20.5	1.723	2.686	6.0	20.6
11 27	2 22.47	+10 5.3	1.767	2.676	10.1	20.8
12 7	2 15.90	+10 1.7	1.836	2.666	13.8	21.0
218471 2004 SG_{17} 11 5.4 356°.56 7°.1/31.5 18						
9 28	3 5.73	− 0 40.8	1.766	2.599	14.9	19.3
10 8	3 2.36	− 1 42.2	1.699	2.597	12.0	19.1
10 18	2 56.72	− 2 40.5	1.655	2.595	9.1	19.0
10 28	2 49.44	− 3 28.5	1.634	2.593	7.3	18.9
11 7	2 41.44	− 3 59.8	1.640	2.592	7.6	18.9
11 17	2 33.72	− 4 10.1	1.672	2.592	10.0	19.0
11 27	2 27.28	− 3 57.3	1.728	2.593	12.9	19.2
12 7	2 22.81	− 3 22.6	1.805	2.594	15.7	19.4
326216 2012 CC_{42} 11 5.4 271°.09 2°.2/ 7.0 17						
9 28	3 9.00	+23 15.6	2.177	2.958	14.2	21.9
10 8	3 4.82	+23 21.2	2.081	2.950	11.4	21.6
10 18	2 58.40	+23 14.9	2.007	2.941	8.2	21.4
10 28	2 50.26	+22 56.4	1.958	2.933	4.6	21.2
11 7	2 41.27	+22 27.1	1.937	2.924	2.2	21.0
11 17	2 32.40	+21 50.2	1.946	2.915	4.6	21.2
11 27	2 24.66	+21 10.7	1.982	2.907	8.2	21.4
12 7	2 18.83	+20 33.9	2.045	2.898	11.6	21.6
222926 2002 LZ_{44} 11 5.4 61°.19 3°.2/ 2.5 18						
9 28	3 6.48	+10 34.5	2.056	2.875	13.6	19.8
10 8	3 2.39	+ 9 16.4	2.002	2.899	10.5	19.7
10 18	2 56.40	+ 7 52.9	1.972	2.924	7.0	19.5
10 28	2 49.17	+ 6 29.6	1.969	2.949	3.9	19.4
11 7	2 41.52	+ 5 12.7	1.996	2.974	3.7	19.4
11 17	2 34.29	+ 4 7.8	2.051	2.999	6.5	19.6
11 27	2 28.26	+ 3 19.0	2.134	3.024	9.6	19.9
12 7	2 23.98	+ 2 48.3	2.241	3.048	12.4	20.1
208353 2001 RY_{36} 11 5.4 71°.09 1°.6/ 4.1 18						
9 28	3 7.95	+14 48.8	1.843	2.659	15.1	20.5
10 8	3 3.93	+13 58.8	1.776	2.672	11.7	20.3
10 18	2 57.67	+12 59.3	1.732	2.685	7.7	20.1
10 28	2 49.83	+11 54.4	1.713	2.698	3.6	19.9
11 7	2 41.38	+10 49.7	1.723	2.711	2.1	19.8
11 17	2 33.32	+ 9 51.2	1.761	2.724	5.9	20.1
11 27	2 26.62	+ 9 4.3	1.826	2.737	9.8	20.3
12 7	2 21.93	+ 8 32.5	1.916	2.750	13.1	20.6
523301 2017 BA_{104} 11 5.4 179°.30 2°.3/ 3.2 18						
9 28	3 7.72	+ 8 8.5	2.943	3.744	10.4	22.1
10 8	3 2.94	+ 7 44.1	2.859	3.745	8.1	21.9
10 18	2 56.65	+ 7 17.6	2.799	3.746	5.5	21.7
10 28	2 49.30	+ 6 51.7	2.767	3.746	3.0	21.6
11 7	2 41.48	+ 6 29.0	2.766	3.746	2.6	21.6
11 17	2 33.81	+ 6 12.3	2.795	3.746	4.8	21.7
11 27	2 26.94	+ 6 3.7	2.854	3.745	7.5	21.9
12 7	2 21.37	+ 6 4.7	2.939	3.743	9.9	22.0
473488 2015 XQ_{87} 11 5.4 300°.30 1°.6/ 4.5 17						
9 28	3 11.25	+10 23.7	2.171	2.978	13.4	21.2
10 8	3 6.54	+10 33.8	2.068	2.958	10.6	21.0
10 18	2 59.57	+10 41.9	1.988	2.938	7.2	20.8
10 28	2 50.85	+10 49.4	1.935	2.918	3.5	20.5
11 7	2 41.16	+10 58.5	1.910	2.898	1.9	20.3
11 17	2 31.46	+11 11.2	1.915	2.878	5.5	20.6
11 27	2 22.78	+11 29.9	1.949	2.859	9.3	20.7
12 7	2 15.93	+11 56.3	2.008	2.839	12.7	20.9
486409 2013 EP_{92} 11 5.4 291°.97 0°.5/ 4.9 17						
9 28	3 7.01	+19 2.1	1.859	2.667	15.3	21.2
10 8	3 3.70	+18 8.2	1.749	2.639	12.1	21.0
10 18	2 57.91	+16 58.0	1.661	2.611	8.3	20.7
10 28	2 50.14	+15 33.7	1.599	2.583	3.9	20.3
11 7	2 41.29	+14 0.7	1.565	2.555	1.1	20.1
11 17	2 32.47	+12 26.4	1.559	2.526	5.9	20.3
11 27	2 24.83	+10 59.6	1.581	2.498	10.5	20.6
12 7	2 19.28	+ 9 47.7	1.627	2.469	14.7	20.7

351403 2005 ES_{253} 11 5.4 250°.41 4°.2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.96	+28 2.9	2.032	2.795	15.7	21.3
10 8	3 7.49	+28 23.9	1.933	2.784	13.0	21.1
10 18	3 0.41	+28 29.9	1.854	2.773	9.7	20.9
10 28	2 51.28	+28 18.8	1.799	2.761	6.4	20.7
11 7	2 41.07	+27 50.5	1.771	2.749	4.2	20.5
11 17	2 30.95	+27 7.8	1.772	2.737	5.6	20.6
11 27	2 22.12	+26 16.4	1.801	2.725	9.0	20.8
12 7	2 15.51	+25 23.4	1.855	2.712	12.5	21.0

223147 2002 WU_{13} 11 5.4 321°.22 1°.6/ 4.4 18

9 28	3 4.79	+16 16.9	1.255	2.100	19.1	19.9
10 8	3 2.99	+15 35.0	1.169	2.080	15.1	19.6
10 18	2 57.96	+14 36.5	1.101	2.060	10.3	19.2
10 28	2 50.32	+13 24.9	1.055	2.041	4.8	18.9
11 7	2 41.25	+12 7.6	1.034	2.023	2.2	18.7
11 17	2 32.29	+10 54.0	1.037	2.006	7.8	18.9
11 27	2 25.03	+ 9 54.4	1.064	1.990	13.5	19.2
12 7	2 20.62	+ 9 15.7	1.111	1.975	18.4	19.5

381740 2009 SJ_{24} 11 5.4 40°.72 2°.9/ 7.1 18

9 28	3 11.23	+23 56.3	1.403	2.210	19.4	20.6
10 8	3 7.60	+24 1.0	1.332	2.215	15.6	20.4
10 18	3 0.74	+23 47.6	1.279	2.220	11.1	20.2
10 28	2 51.46	+23 15.5	1.249	2.225	6.3	19.9
11 7	2 41.07	+22 27.6	1.244	2.231	2.9	19.7
11 17	2 31.10	+21 29.7	1.265	2.237	6.1	19.9
11 27	2 23.03	+20 30.7	1.312	2.243	10.9	20.2
12 7	2 17.81	+19 39.1	1.382	2.250	15.2	20.5

86629 2000 EJ_{128} 11 5.4 188°.58 2°.1/ 4.0 18

9 28	3 11.84	+12 32.4	1.830	2.643	15.3	20.2
10 8	3 7.15	+11 59.0	1.750	2.643	12.0	19.9
10 18	2 59.99	+11 18.0	1.690	2.642	8.0	19.7
10 28	2 51.00	+10 33.1	1.657	2.641	3.9	19.5
11 7	2 41.17	+ 9 48.9	1.652	2.639	2.5	19.4
11 17	2 31.60	+ 9 10.6	1.676	2.637	6.4	19.6
11 27	2 23.40	+ 8 43.2	1.727	2.634	10.4	19.9
12 7	2 17.36	+ 8 29.8	1.802	2.631	14.0	20.1

410975 2009 TL_{41} 11 5.4 327°.97 2°.4/ 3.1 18

9 28	3 4.89	+13 11.9	2.260	3.073	12.8	20.4
10 8	3 1.25	+11 57.8	2.177	3.072	9.9	20.2
10 18	2 55.75	+10 35.1	2.119	3.072	6.6	20.0
10 28	2 48.95	+ 9 8.1	2.089	3.071	3.3	19.8
11 7	2 41.58	+ 7 42.7	2.088	3.071	2.8	19.7
11 17	2 34.44	+ 6 24.9	2.116	3.070	5.8	19.9
11 27	2 28.32	+ 5 20.1	2.173	3.070	9.1	20.1
12 7	2 23.82	+ 4 31.7	2.255	3.070	12.1	20.3

86717 2000 GG_{11} 11 5.4 100°.70 0°.9/ 4.8 18

9 28	3 13.20	+16 6.2	1.726	2.534	16.3	20.4
10 8	3 8.10	+15 32.2	1.664	2.554	12.7	20.2
10 18	3 0.49	+14 47.9	1.624	2.574	8.4	20.0
10 28	2 51.15	+13 56.7	1.609	2.593	3.8	19.8
11 7	2 41.17	+13 3.4	1.623	2.612	1.4	19.6
11 17	2 31.71	+12 13.7	1.665	2.631	5.8	20.0
11 27	2 23.84	+11 33.3	1.734	2.649	9.9	20.3
12 7	2 18.25	+11 6.1	1.828	2.666	13.5	20.5

389947 2012 TY_{163} 11 5.4 347°.22 4°.1/ 7.0 18

9 28	3 16.70	+22 13.2	1.537	2.332	18.5	20.1
10 8	3 11.97	+23 24.1	1.454	2.328	15.1	19.9
10 18	3 3.88	+24 25.8	1.391	2.325	11.0	19.6
10 28	2 53.06	+25 14.1	1.351	2.323	6.7	19.4
11 7	2 40.75	+25 46.7	1.338	2.321	4.1	19.2
11 17	2 28.53	+26 3.7	1.352	2.319	6.7	19.4
11 27	2 18.04	+26 9.3	1.392	2.318	10.9	19.6
12 7	2 10.48	+26 10.0	1.456	2.317	15.0	19.9

171444 2007 RL_{141} 11 5.4 66°.73 4°.4/ 2.1 18

9 28	3 8.42	+ 9 20.0	1.624	2.455	16.1	19.8
10 8	3 4.43	+ 7 56.3	1.570	2.473	12.4	19.6
10 18	2 58.04	+ 6 26.8	1.538	2.491	8.5	19.4
10 28	2 50.01	+ 4 58.6	1.531	2.510	5.0	19.2
11 7	2 41.39	+ 3 39.7	1.552	2.528	5.0	19.3
11 17	2 33.29	+ 2 37.1	1.601	2.547	8.1	19.5
11 27	2 26.70	+ 1 55.5	1.675	2.565	11.8	19.8
12 7	2 22.28	+ 1 36.2	1.771	2.584	15.0	20.0

38459 1999 TX_{12} 11 5.4 329°.56 1°.3/ 4.5 18

9 28	3 8.09	+13 6.5	2.026	2.839	14.0	17.9
10 8	3 4.06	+12 54.5	1.941	2.835	11.0	17.7
10 18	2 57.84	+12 36.5	1.879	2.831	7.3	17.5
10 28	2 50.00	+12 14.9	1.842	2.826	3.4	17.2
11 7	2 41.37	+11 52.8	1.834	2.823	1.7	17.1
11 17	2 32.93	+11 33.9	1.854	2.819	5.4	17.3
11 27	2 25.64	+11 21.9	1.902	2.816	9.2	17.6
12 7	2 20.23	+11 19.8	1.974	2.813	12.6	17.8

53044 1998 WA_{22} 11 5.4 68°.52 1°.5/ 4.6 18

9 28	3 14.76	+13 54.2	1.405	2.229	18.6	18.4
10 8	3 9.74	+13 34.9	1.355	2.253	14.4	18.2
10 18	3 1.76	+13 7.0	1.324	2.277	9.6	18.0
10 28	2 51.77	+12 34.0	1.317	2.302	4.4	17.8
11 7	2 41.07	+12 0.9	1.337	2.326	2.0	17.7
11 17	2 31.08	+11 32.9	1.384	2.351	6.6	18.1
11 27	2 23.02	+11 15.2	1.457	2.375	11.2	18.4
12 7	2 17.65	+11 10.9	1.553	2.399	15.0	18.7

105599 2000 RL_{91} 11 5.4 57°.06 1°.0/ 5.9 18

9 28	3 12.81	+20 53.0	1.173	2.000	21.3	18.9
10 8	3 8.93	+20 31.4	1.122	2.020	16.8	18.7
10 18	3 1.58	+19 51.4	1.089	2.040	11.4	18.4
10 28	2 51.77	+18 55.2	1.077	2.060	5.6	18.2
11 7	2 41.08	+17 49.1	1.090	2.081	1.2	18.0
11 17	2 31.18	+16 41.8	1.129	2.102	6.6	18.4
11 27	2 23.54	+15 42.7	1.193	2.123	11.8	18.7
12 7	2 18.99	+14 58.9	1.278	2.144	16.3	19.1

72511 2001 DW_{73} 11 5.4 185°.18 3°.8/ 1.4 18

9 28	3 5.77	+ 4 13.3	2.868	3.677	10.5	20.2
10 8	3 1.47	+ 3 17.6	2.788	3.677	8.2	20.0
10 18	2 55.70	+ 2 20.9	2.733	3.676	5.8	19.9
10 28	2 48.89	+ 1 27.3	2.707	3.675	4.0	19.8
11 7	2 41.62	+ 0 40.6	2.710	3.674	4.2	19.8
11 17	2 34.52	+ 0 4.4	2.743	3.672	6.1	19.9
11 27	2 28.21	− 0 18.9	2.804	3.669	8.5	20.0
12 7	2 23.19	− 0 28.0	2.889	3.667	10.7	20.2

445928 2012 XY_{138} 11 5.4 289°.36 4°.1/ 2.3 18

9 28	3 6.82	+ 9 35.7	1.713	2.543	15.4	21.0
10 8	3 3.48	+ 8 25.4	1.627	2.531	12.1	20.8
10 18	2 57.68	+ 7 6.8	1.564	2.518	8.3	20.6
10 28	2 50.00	+ 5 45.8	1.526	2.506	4.9	20.3
11 7	2 41.41	+ 4 30.1	1.515	2.493	4.7	20.3
11 17	2 33.00	+ 3 27.1	1.532	2.481	8.1	20.5
11 27	2 25.88	+ 2 42.9	1.574	2.469	12.1	20.7
12 7	2 20.90	+ 2 20.5	1.639	2.457	15.7	20.9

436468 2011 DK_{18} 11 5.4 119°.51 0°.1/ 5.3 18

9 28	3 13.43	+17 17.6	1.818	2.619	15.9	22.3
10 8	3 8.32	+17 2.3	1.748	2.633	12.4	22.1
10 18	3 0.71	+16 36.8	1.699	2.646	8.4	21.8
10 28	2 51.31	+16 3.0	1.675	2.659	3.9	21.6
11 7	2 41.18	+15 24.6	1.680	2.671	0.8	21.4
11 17	2 31.46	+14 46.2	1.714	2.683	5.3	21.8
11 27	2 23.24	+14 13.1	1.776	2.694	9.5	22.0
12 7	2 17.25	+13 49.6	1.863	2.705	13.1	22.3

449829 2014 QR_{1} 11 5.4 63°.39 4°.3/ 1.5 18

9 28	3 6.15	+ 7 17.4	2.058	2.881	13.5	20.9
10 8	3 2.16	+ 5 53.1	2.004	2.902	10.4	20.8
10 18	2 56.29	+ 4 25.7	1.974	2.923	7.2	20.6
10 28	2 49.17	+ 3 1.4	1.971	2.945	4.7	20.5
11 7	2 41.60	+ 1 46.7	1.997	2.966	4.8	20.6
11 17	2 34.43	+ 0 46.8	2.051	2.988	7.3	20.8
11 27	2 28.44	+ 0 5.5	2.132	3.009	10.2	21.0
12 7	2 24.17	− 0 16.4	2.237	3.031	12.9	21.2

241366 2008 AY_{5} 11 5.4 93°.00 2°.8/ 3.7 18

9 28	3 12.37	+ 8 57.5	1.888	2.702	14.9	20.6
10 8	3 7.28	+ 8 37.8	1.823	2.717	11.5	20.4
10 18	2 59.89	+ 8 15.2	1.781	2.731	7.8	20.2
10 28	2 50.90	+ 7 53.1	1.765	2.746	4.1	20.0
11 7	2 41.27	+ 7 35.4	1.777	2.761	3.2	20.0
11 17	2 32.05	+ 7 25.5	1.818	2.775	6.4	20.2
11 27	2 24.20	+ 7 26.4	1.887	2.789	10.0	20.5
12 7	2 18.43	+ 7 39.4	1.979	2.803	13.2	20.7

514487 2016 WS_{4} 11 5.4 57°.96 2°.3/ 4.3 18

9 28	3 13.54	+10 17.1	1.570	2.392	17.0	20.1
10 8	3 8.70	+10 14.7	1.506	2.404	13.2	19.9
10 18	3 1.11	+10 8.5	1.464	2.417	8.9	19.6
10 28	2 51.54	+10 1.5	1.446	2.430	4.3	19.4
11 7	2 41.15	+ 9 57.1	1.456	2.443	2.7	19.3
11 17	2 31.22	+ 9 58.7	1.493	2.456	6.7	19.6
11 27	2 22.94	+10 9.5	1.556	2.469	10.9	19.9
12 7	2 17.13	+10 31.1	1.643	2.483	14.6	20.2

20713 1999 XA_{32} 11 5.4 191°.60 4°.4/ 9.9 18

9 28	3 9.00	+33 16.7	2.759	3.481	12.9	17.6
10 8	3 4.44	+33 24.9	2.662	3.480	10.8	17.4
10 18	2 57.93	+33 18.3	2.586	3.479	8.5	17.3
10 28	2 50.01	+32 55.3	2.535	3.477	6.1	17.1
11 7	2 41.43	+32 16.3	2.513	3.476	4.5	17.0
11 17	2 33.02	+31 24.0	2.519	3.473	5.0	17.0
11 27	2 25.64	+30 22.7	2.555	3.471	7.0	17.2
12 7	2 19.92	+29 18.3	2.618	3.468	9.5	17.3

395297 2011 HA_{54} 11 5.4 29°.60 5°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.73	− 0 2.9	2.251	3.067	12.7	19.8
10 8	3 3.35	− 0 31.2	2.185	3.073	10.1	19.7
10 18	2 57.11	− 0 55.9	2.141	3.079	7.5	19.5
10 28	2 49.59	− 1 12.8	2.123	3.086	5.5	19.4
11 7	2 41.52	− 1 18.2	2.134	3.093	5.6	19.4
11 17	2 33.73	− 1 9.5	2.172	3.100	7.6	19.6
11 27	2 26.99	− 0 45.7	2.238	3.107	10.1	19.8
12 7	2 21.89	− 0 7.3	2.327	3.115	12.6	19.9

523366 2017 CO_{34} 11 5.4 355°.30 1°.5/ 6.7 18

9 28	3 6.07	+23 4.4	2.148	2.936	14.1	21.1
10 8	3 2.45	+22 40.4	2.061	2.935	11.3	20.9
10 18	2 56.73	+22 2.7	1.996	2.935	7.9	20.7
10 28	2 49.49	+21 12.5	1.956	2.934	4.2	20.5
11 7	2 41.55	+20 12.8	1.944	2.934	1.5	20.3
11 17	2 33.84	+19 8.4	1.962	2.933	4.4	20.5
11 27	2 27.28	+18 5.4	2.008	2.933	8.1	20.7
12 7	2 22.54	+17 9.4	2.080	2.933	11.4	20.9

268232 2005 EH_{136} 11 5.4 100°.53 3°.9/ 1.3 18

9 28	3 4.55	+ 4 55.1	2.715	3.528	10.9	20.4
10 8	3 0.55	+ 3 50.1	2.650	3.542	8.4	20.2
10 18	2 55.07	+ 2 44.2	2.610	3.555	6.0	20.1
10 28	2 48.60	+ 1 41.5	2.599	3.568	4.1	20.0
11 7	2 41.73	+ 0 46.6	2.616	3.581	4.3	20.0
11 17	2 35.11	+ 0 3.0	2.664	3.593	6.2	20.2
11 27	2 29.34	− 0 26.5	2.739	3.606	8.6	20.4
12 7	2 24.90	− 0 41.0	2.838	3.618	10.8	20.5

95082 2002 AS_{83} 11 5.4 232°.42 4°.0/ 2.5 18

9 28	3 9.19	+ 8 37.1	1.803	2.627	15.1	19.7
10 8	3 5.14	+ 7 38.7	1.722	2.621	11.8	19.5
10 18	2 58.69	+ 6 34.4	1.664	2.615	8.1	19.3
10 28	2 50.45	+ 5 29.7	1.631	2.609	4.8	19.1
11 7	2 41.37	+ 4 31.1	1.625	2.603	4.5	19.0
11 17	2 32.53	+ 3 44.7	1.648	2.597	7.7	19.2
11 27	2 24.99	+ 3 15.3	1.697	2.590	11.5	19.4
12 7	2 19.53	+ 3 5.1	1.769	2.583	14.9	19.6

131420 2001 OO_{45} 11 5.4 132°.72 17°.7/23.8 17

9 28	3 14.42	−17 29.4	1.225	2.040	21.2	20.0
10 8	3 9.98	−20 32.8	1.198	2.050	19.2	19.9
10 18	3 2.20	−23 11.6	1.190	2.059	17.9	19.9
10 28	2 52.07	−25 9.2	1.202	2.067	17.8	19.9
11 7	2 41.10	−26 14.5	1.234	2.075	18.8	20.0
11 17	2 30.87	−26 24.5	1.284	2.083	20.5	20.2
11 27	2 22.80	−25 43.4	1.349	2.089	22.4	20.3
12 7	2 17.71	−24 20.9	1.427	2.096	24.2	20.5

165636 2001 FL_{180} 11 5.4 73°.36 6°.7/30.9 18

9 28	3 7.09	+ 3 2.4	1.736	2.569	15.2	19.9
10 8	3 3.33	+ 1 15.3	1.680	2.580	12.0	19.7
10 18	2 57.31	− 0 32.9	1.646	2.591	8.8	19.5
10 28	2 49.72	− 2 13.3	1.639	2.601	6.9	19.5
11 7	2 41.53	− 3 37.4	1.659	2.612	7.4	19.5
11 17	2 33.75	− 4 38.6	1.705	2.623	10.0	19.7
11 27	2 27.33	− 5 13.4	1.777	2.634	13.0	19.9
12 7	2 22.92	− 5 22.0	1.869	2.645	15.7	20.1

104099 2000 EW_{37} 11 5.4 163°.64 2°.8/ 7.1 18

9 28	3 14.68	+23 31.6	1.799	2.582	16.7	19.5
10 8	3 9.69	+23 48.7	1.717	2.585	13.5	19.3
10 18	3 1.90	+23 52.2	1.654	2.588	9.6	19.1
10 28	2 52.01	+23 41.1	1.617	2.591	5.5	18.9
11 7	2 41.10	+23 16.4	1.607	2.593	2.8	18.7
11 17	2 30.46	+22 41.7	1.625	2.595	5.4	18.9
11 27	2 21.35	+22 3.0	1.671	2.596	9.5	19.1
12 7	2 14.68	+21 26.9	1.742	2.597	13.2	19.3

324196 2006 AN_{70} 11 5.4 203°.57 4°.4/ 9.5 17

9 28	3 9.42	+32 3.3	2.578	3.311	13.4	21.3
10 8	3 4.92	+32 14.8	2.482	3.308	11.2	21.2
10 18	2 58.36	+32 11.4	2.406	3.306	8.7	21.0
10 28	2 50.27	+31 51.5	2.356	3.303	6.2	20.8
11 7	2 41.44	+31 15.4	2.333	3.300	4.5	20.7
11 17	2 32.79	+30 25.7	2.339	3.297	5.1	20.8
11 27	2 25.21	+29 27.2	2.375	3.293	7.4	20.9
12 7	2 19.40	+28 25.8	2.437	3.290	10.0	21.1

242335 2003 YB_{74} 11 5.4 0°.55 4°.8/ 3.2 18

9 28	3 11.47	+ 4 21.0	1.518	2.350	17.0	19.8
10 8	3 7.31	+ 4 8.3	1.447	2.349	13.4	19.5
10 18	3 0.34	+ 3 57.1	1.397	2.348	9.4	19.3
10 28	2 51.28	+ 3 52.1	1.371	2.348	5.8	19.1
11 7	2 41.26	+ 3 57.8	1.371	2.348	5.2	19.1
11 17	2 31.55	+ 4 17.5	1.397	2.349	8.4	19.3
11 27	2 23.42	+ 4 52.7	1.449	2.351	12.4	19.5
12 7	2 17.75	+ 5 43.1	1.523	2.353	16.1	19.7

219278 2000 CD_{43} 11 5.4 312°.51 1°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.74	+16 40.4	1.382	2.214	18.4	20.2
10 8	3 4.96	+16 4.3	1.299	2.202	14.5	19.9
10 18	2 59.10	+15 13.5	1.235	2.191	9.8	19.6
10 28	2 50.83	+14 11.2	1.194	2.179	4.5	19.3
11 7	2 41.33	+13 3.6	1.179	2.168	1.7	19.1
11 17	2 32.03	+11 58.7	1.189	2.158	7.1	19.4
11 27	2 24.38	+11 5.1	1.225	2.148	12.3	19.6
12 7	2 19.43	+10 29.2	1.282	2.139	16.9	19.9

298140 2002 SL_{1} 11 5.4 113°.58 2°.0/ 3.7 18

9 28	3 9.50	+14 0.3	2.076	2.883	13.9	21.2
10 8	3 4.86	+12 59.4	2.008	2.899	10.8	21.0
10 18	2 58.17	+11 50.1	1.964	2.915	7.1	20.8
10 28	2 50.10	+10 36.6	1.947	2.930	3.4	20.6
11 7	2 41.50	+ 9 24.5	1.959	2.945	2.4	20.6
11 17	2 33.29	+ 8 19.5	2.001	2.960	5.7	20.8
11 27	2 26.32	+ 7 26.7	2.072	2.974	9.2	21.1
12 7	2 21.19	+ 6 49.1	2.167	2.987	12.3	21.3

22068 2000 AG_{103} 11 5.4 148°.63 5°.2/ 1.3 18

9 28	3 8.75	− 0 28.2	2.454	3.262	12.0	18.1
10 8	3 4.00	− 1 5.6	2.383	3.266	9.6	18.0
10 18	2 57.51	− 1 39.9	2.335	3.270	7.2	17.8
10 28	2 49.79	− 2 6.9	2.315	3.274	5.4	17.7
11 7	2 41.56	− 2 22.5	2.323	3.277	5.6	17.8
11 17	2 33.56	− 2 24.1	2.360	3.281	7.4	17.9
11 27	2 26.54	− 2 10.3	2.424	3.284	9.9	18.0
12 7	2 21.07	− 1 41.4	2.513	3.287	12.2	18.2

108675 2001 OZ_{4} 11 5.4 101°.08 1°.7/ 6.7 18

9 28	3 11.39	+23 59.7	1.640	2.434	17.6	19.0
10 8	3 7.12	+23 25.9	1.568	2.446	14.0	18.8
10 18	3 0.10	+22 33.6	1.517	2.457	9.8	18.6
10 28	2 51.11	+21 24.4	1.489	2.468	5.1	18.4
11 7	2 41.33	+20 3.1	1.489	2.479	1.7	18.1
11 17	2 32.03	+18 37.1	1.518	2.489	5.4	18.4
11 27	2 24.40	+17 15.4	1.573	2.500	9.8	18.7
12 7	2 19.22	+16 5.4	1.654	2.510	13.7	19.0

212083 2005 ES_{101} 11 5.4 191°.67 5°.4/ 8.7 18

9 28	3 15.45	+29 13.9	1.964	2.718	16.4	20.1
10 8	3 10.39	+30 8.4	1.876	2.718	13.7	19.9
10 18	3 2.49	+30 48.8	1.808	2.718	10.5	19.7
10 28	2 52.36	+31 11.6	1.764	2.717	7.4	19.5
11 7	2 41.07	+31 14.9	1.748	2.717	5.5	19.4
11 17	2 29.89	+31 0.1	1.759	2.716	6.5	19.5
11 27	2 20.16	+30 32.0	1.798	2.716	9.4	19.7
12 7	2 12.86	+29 57.7	1.862	2.715	12.6	19.9

276557 2003 SN_{179} 11 5.4 16°.24 3°.5/ 3.0 18

9 28	3 6.52	+ 7 50.9	1.910	2.736	14.2	20.3
10 8	3 2.84	+ 7 17.6	1.839	2.739	11.1	20.1
10 18	2 57.01	+ 6 41.6	1.791	2.743	7.6	19.9
10 28	2 49.64	+ 6 7.0	1.768	2.748	4.3	19.7
11 7	2 41.60	+ 5 38.5	1.773	2.753	3.9	19.7
11 17	2 33.84	+ 5 20.1	1.805	2.758	6.8	19.9
11 27	2 27.29	+ 5 15.1	1.864	2.764	10.3	20.1
12 7	2 22.62	+ 5 24.7	1.947	2.770	13.4	20.3

162842 2001 DQ_{7} 11 5.4 164°.78 4°.5/ 8.3 18

9 28	3 15.73	+27 57.2	2.104	2.857	15.5	20.3
10 8	3 10.30	+28 39.9	2.016	2.860	12.8	20.2
10 18	3 2.25	+29 9.3	1.949	2.863	9.7	20.0
10 28	2 52.19	+29 22.6	1.908	2.865	6.5	19.8
11 7	2 41.12	+29 19.1	1.894	2.867	4.5	19.7
11 17	2 30.22	+29 0.5	1.909	2.869	5.7	19.8
11 27	2 20.68	+28 31.4	1.952	2.871	8.7	19.9
12 7	2 13.38	+27 58.3	2.021	2.872	11.9	20.1

304362 2006 SA_{336} 11 5.4 191°.93 2°.0/ 4.0 18

9 28	3 9.45	+11 39.2	2.042	2.854	14.0	21.3
10 8	3 5.07	+11 14.4	1.961	2.853	10.9	21.1
10 18	2 58.51	+10 44.1	1.902	2.853	7.3	20.9
10 28	2 50.37	+10 11.2	1.869	2.852	3.6	20.7
11 7	2 41.49	+ 9 39.8	1.865	2.852	2.4	20.6
11 17	2 32.84	+ 9 13.8	1.890	2.851	5.8	20.8
11 27	2 25.37	+ 8 57.2	1.943	2.850	9.5	21.0
12 7	2 19.77	+ 8 52.4	2.020	2.848	12.8	21.3

87151 2000 NZ_{18} 11 5.4 44°.07 2°.3/ 3.9 18

9 28	3 8.55	+11 47.2	1.715	2.539	15.7	19.1
10 8	3 4.60	+11 17.3	1.653	2.552	12.1	18.9
10 18	2 58.25	+10 41.3	1.612	2.566	8.1	18.7
10 28	2 50.23	+10 3.1	1.596	2.580	4.0	18.4
11 7	2 41.53	+ 9 27.3	1.608	2.594	2.7	18.4
11 17	2 33.24	+ 8 58.9	1.647	2.608	6.3	18.7
11 27	2 26.38	+ 8 41.9	1.712	2.623	10.3	18.9
12 7	2 21.65	+ 8 38.6	1.801	2.638	13.7	19.2

69775 1998 QK_{46} 11 5.4 34°.39 7°.8/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.26	− 0 54.0	1.672	2.509	15.4	18.2
10 8	3 1.93	− 2 27.0	1.628	2.527	12.4	18.0
10 18	2 56.37	− 3 55.6	1.607	2.545	9.5	17.9
10 28	2 49.31	− 5 11.2	1.610	2.564	7.9	17.8
11 7	2 41.71	− 6 6.5	1.639	2.583	8.4	17.9
11 17	2 34.58	− 6 37.0	1.694	2.603	10.6	18.1
11 27	2 28.83	− 6 41.0	1.772	2.624	13.3	18.3
12 7	2 25.05	− 6 20.5	1.870	2.645	15.7	18.5

117418 2005 AE_{16} 11 5.4 277°.39 3°.3/ 8.2 17

9 28	3 8.18	+27 19.4	2.432	3.192	13.4	20.2
10 8	3 4.10	+27 29.0	2.329	3.180	11.0	20.0
10 18	2 57.92	+27 25.6	2.247	3.167	8.2	19.8
10 28	2 50.14	+27 8.2	2.191	3.155	5.3	19.6
11 7	2 41.54	+26 37.5	2.162	3.142	3.3	19.5
11 17	2 33.02	+25 56.1	2.163	3.129	4.6	19.6
11 27	2 25.51	+25 8.7	2.192	3.116	7.6	19.7
12 7	2 19.75	+24 20.7	2.248	3.103	10.6	19.9

79209 1994 AT_{12} 11 5.4 68°.66 2°.5/ 3.7 18

9 28	3 9.45	+10 24.6	1.892	2.710	14.7	20.0
10 8	3 5.15	+ 9 57.6	1.821	2.717	11.4	19.8
10 18	2 58.58	+ 9 26.0	1.772	2.724	7.7	19.6
10 28	2 50.40	+ 8 53.3	1.748	2.730	3.9	19.4
11 7	2 41.51	+ 8 23.7	1.753	2.737	2.9	19.3
11 17	2 32.94	+ 8 1.6	1.785	2.744	6.3	19.5
11 27	2 25.66	+ 7 50.4	1.845	2.751	10.0	19.8
12 7	2 20.37	+ 7 52.3	1.929	2.758	13.3	20.0

361421 2006 WL_{183} 11 5.4 33°.54 1°.2/ 6.2 18

9 28	3 11.19	+19 6.3	1.910	2.708	15.3	20.3
10 8	3 6.72	+19 20.6	1.829	2.710	12.1	20.1
10 18	2 59.79	+19 25.4	1.769	2.713	8.4	19.9
10 28	2 51.03	+19 21.0	1.735	2.716	4.2	19.6
11 7	2 41.39	+19 8.9	1.728	2.718	1.2	19.4
11 17	2 31.97	+18 52.1	1.751	2.721	4.9	19.7
11 27	2 23.89	+18 35.3	1.800	2.724	9.0	20.0
12 7	2 17.94	+18 22.6	1.875	2.728	12.5	20.2

380374 2002 TE_{310} 11 5.4 312°.94 2°.7/ 4.2 18

9 28	3 12.18	+10 7.2	1.376	2.211	18.3	20.6
10 8	3 8.46	+10 2.7	1.295	2.199	14.5	20.3
10 18	3 1.53	+ 9 54.0	1.232	2.188	9.9	20.0
10 28	2 52.04	+ 9 44.3	1.193	2.177	4.9	19.7
11 7	2 41.19	+ 9 37.9	1.179	2.166	3.2	19.6
11 17	2 30.49	+ 9 39.3	1.191	2.156	7.8	19.8
11 27	2 21.47	+ 9 52.3	1.228	2.146	12.8	20.1
12 7	2 15.26	+10 19.4	1.287	2.137	17.3	20.3

212398 2006 JF_{27} 11 5.4 122°.13 1°.5/ 4.5 17

9 28	3 11.82	+16 3.0	1.414	2.239	18.4	21.4
10 8	3 7.82	+15 16.1	1.345	2.244	14.4	21.1
10 18	3 0.79	+14 15.7	1.295	2.249	9.7	20.9
10 28	2 51.54	+13 5.9	1.269	2.254	4.5	20.6
11 7	2 41.31	+11 53.6	1.269	2.258	2.1	20.4
11 17	2 31.54	+10 47.1	1.296	2.263	7.0	20.8
11 27	2 23.55	+ 9 54.1	1.349	2.267	11.9	21.0
12 7	2 18.25	+ 9 19.6	1.425	2.271	16.1	21.3

81486 2000 GA_{154} 11 5.4 66°.31 6°.1/ 9.7 18

9 28	3 13.81	+32 4.6	1.869	2.618	17.3	18.7
10 8	3 9.13	+32 49.5	1.794	2.629	14.5	18.5
10 18	3 1.60	+33 16.6	1.738	2.640	11.3	18.3
10 28	2 51.92	+33 22.3	1.705	2.651	8.2	18.1
11 7	2 41.24	+33 5.7	1.698	2.662	6.2	18.1
11 17	2 30.88	+32 29.3	1.719	2.673	6.9	18.1
11 27	2 22.14	+31 39.6	1.766	2.685	9.5	18.3
12 7	2 15.91	+30 44.7	1.838	2.696	12.5	18.5

515674 2014 OV_{374} 11 5.4 80°.57 1°.8/ 4.1 18

9 28	3 8.49	+12 10.1	2.122	2.933	13.6	21.8
10 8	3 4.12	+11 42.3	2.052	2.945	10.5	21.6
10 18	2 57.75	+11 9.1	2.006	2.957	7.0	21.4
10 28	2 49.97	+10 33.3	1.985	2.969	3.4	21.2
11 7	2 41.61	+ 9 59.0	1.994	2.980	2.2	21.1
11 17	2 33.57	+ 9 30.0	2.031	2.992	5.4	21.4
11 27	2 26.69	+ 9 10.0	2.097	3.004	8.9	21.6
12 7	2 21.59	+ 9 1.3	2.187	3.016	11.9	21.8

53631 2000 CD_{119} 11 5.4 206°.11 1°.9/ 6.8 18

9 28	3 11.67	+23 29.8	1.771	2.561	16.6	19.7
10 8	3 7.38	+23 11.3	1.683	2.558	13.4	19.4
10 18	3 0.39	+22 36.3	1.616	2.555	9.4	19.2
10 28	2 51.35	+21 45.3	1.574	2.551	5.1	18.9
11 7	2 41.34	+20 41.4	1.558	2.547	1.9	18.7
11 17	2 31.60	+19 30.5	1.572	2.543	5.3	18.9
11 27	2 23.34	+18 20.4	1.613	2.538	9.7	19.2
12 7	2 17.44	+17 18.5	1.679	2.534	13.6	19.4

411574 2011 DH_{51} 11 5.4 262°.33 2°.6/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.02	+23 29.5	2.587	3.350	12.7	21.0
10 8	3 6.97	+24 0.8	2.479	3.336	10.3	20.8
10 18	2 59.83	+24 23.6	2.394	3.320	7.5	20.6
10 28	2 51.06	+24 36.5	2.336	3.305	4.5	20.4
11 7	2 41.39	+24 39.4	2.306	3.290	2.6	20.3
11 17	2 31.70	+24 33.6	2.307	3.274	4.4	20.4
11 27	2 22.93	+24 22.2	2.338	3.258	7.4	20.5
12 7	2 15.82	+24 9.1	2.396	3.242	10.4	20.7

259909 2004 ES_{16} 11 5.4 172°.61 1°.4/ 6.5 18

9 28	3 12.34	+20 49.2	2.564	3.336	12.5	21.6
10 8	3 6.97	+20 58.3	2.474	3.339	10.0	21.4
10 18	2 59.64	+20 58.7	2.407	3.342	7.0	21.2
10 28	2 50.89	+20 50.5	2.367	3.344	3.7	21.0
11 7	2 41.45	+20 34.8	2.357	3.345	1.4	20.9
11 17	2 32.18	+20 14.1	2.377	3.346	4.0	21.1
11 27	2 23.93	+19 51.9	2.428	3.347	7.2	21.3
12 7	2 17.34	+19 32.0	2.506	3.347	10.2	21.5

140392 2001 TS_{57} 11 5.4 94°.42 1°.5/ 6.5 18

9 28	3 10.40	+21 18.8	2.022	2.811	14.9	20.4
10 8	3 5.91	+21 17.3	1.944	2.820	11.8	20.2
10 18	2 59.13	+21 4.2	1.888	2.828	8.2	20.0
10 28	2 50.68	+20 39.9	1.857	2.836	4.3	19.8
11 7	2 41.49	+20 7.0	1.855	2.844	1.5	19.6
11 17	2 32.60	+19 29.1	1.881	2.852	4.6	19.8
11 27	2 25.00	+18 51.6	1.936	2.860	8.4	20.1
12 7	2 19.42	+18 19.2	2.016	2.868	11.8	20.3

45502 2000 BZ_{8} 11 5.4 163°.07 5°.1/ 1.5 18

9 28	3 8.91	− 0 40.0	2.497	3.304	11.9	17.8
10 8	3 4.14	− 1 11.6	2.423	3.306	9.5	17.6
10 18	2 57.63	− 1 39.8	2.373	3.307	7.1	17.5
10 28	2 49.90	− 2 0.5	2.350	3.309	5.3	17.4
11 7	2 41.64	− 2 10.2	2.355	3.310	5.5	17.4
11 17	2 33.60	− 2 6.4	2.390	3.311	7.3	17.5
11 27	2 26.51	− 1 47.7	2.451	3.312	9.7	17.7
12 7	2 20.94	− 1 14.6	2.537	3.313	12.0	17.8

19885 4283 $T\text{-}_{1}$ 11 5.4 332°.11 2°.1/ 6.2 18

9 28	3 13.27	+18 32.5	1.245	2.071	20.3	17.4
10 8	3 9.88	+19 12.8	1.166	2.063	16.3	17.1
10 18	3 2.82	+19 43.2	1.105	2.055	11.5	16.8
10 28	2 52.76	+20 2.1	1.066	2.048	6.0	16.5
11 7	2 41.07	+20 9.5	1.051	2.041	2.1	16.2
11 17	2 29.51	+20 8.1	1.062	2.035	6.9	16.5
11 27	2 19.91	+20 3.8	1.097	2.030	12.4	16.8
12 7	2 13.57	+20 3.0	1.153	2.025	17.3	17.1

98459 2000 UZ_{72} 11 5.4 154°.11 1°.4/ 6.4 18

9 28	3 13.96	+20 37.3	2.116	2.897	14.6	19.4
10 8	3 8.60	+20 42.5	2.034	2.904	11.6	19.2
10 18	3 0.91	+20 37.2	1.973	2.911	8.0	19.0
10 28	2 51.51	+20 21.7	1.939	2.917	4.2	18.7
11 7	2 41.34	+19 57.7	1.934	2.923	1.4	18.6
11 17	2 31.44	+19 28.5	1.958	2.928	4.6	18.8
11 27	2 22.82	+18 58.8	2.012	2.933	8.4	19.0
12 7	2 16.23	+18 33.3	2.092	2.937	11.7	19.3

220699 2004 RL_{322} 11 5.4 292°.00 0°.5/ 5.9 18

9 28	3 6.52	+20 25.2	2.169	2.964	13.8	20.1
10 8	3 2.81	+19 54.7	2.079	2.959	10.9	19.9
10 18	2 57.02	+19 11.9	2.011	2.955	7.5	19.7
10 28	2 49.71	+18 18.6	1.969	2.951	3.7	19.5
11 7	2 41.69	+17 18.3	1.956	2.946	0.7	19.2
11 17	2 33.87	+16 16.0	1.972	2.942	4.5	19.5
11 27	2 27.15	+15 17.4	2.016	2.938	8.3	19.7
12 7	2 22.22	+14 27.6	2.086	2.933	11.7	19.9

63466 2001 OM_{21} 11 5.4 59°.23 3°.1/ 7.7 18

9 28	3 10.20	+25 42.4	1.914	2.693	15.9	19.3
10 8	3 6.05	+25 50.8	1.833	2.698	12.9	19.1
10 18	2 59.38	+25 44.2	1.773	2.703	9.4	18.9
10 28	2 50.85	+25 21.9	1.738	2.708	5.7	18.7
11 7	2 41.48	+24 45.4	1.729	2.713	3.2	18.6
11 17	2 32.38	+23 58.6	1.749	2.718	5.1	18.7
11 27	2 24.68	+23 7.8	1.796	2.723	8.8	18.9
12 7	2 19.17	+22 19.5	1.868	2.728	12.2	19.2

239602 2008 UE_{148} 11 5.4 340°.27 0°.3/ 5.6 18

9 28	3 8.77	+17 40.6	1.456	2.280	18.0	20.2
10 8	3 5.64	+17 37.9	1.376	2.274	14.2	20.0
10 18	2 59.51	+17 23.4	1.315	2.267	9.7	19.7
10 28	2 51.06	+16 58.3	1.278	2.262	4.7	19.4
11 7	2 41.44	+16 26.2	1.266	2.257	0.8	19.1
11 17	2 32.04	+15 52.2	1.281	2.253	6.1	19.5
11 27	2 24.27	+15 22.8	1.321	2.249	11.1	19.8
12 7	2 19.11	+15 3.8	1.383	2.246	15.5	20.0

515525 2014 FC_{57} 11 5.4 199.°75 5.°8/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.69	+ 4 38.7	1.859	2.686	14.5	21.6
10 8	3 3.84	+ 3 7.6	1.786	2.685	11.5	21.4
10 18	2 57.75	+ 1 33.1	1.737	2.684	8.3	21.2
10 28	2 50.05	+ 0 2.6	1.714	2.682	6.0	21.1
11 7	2 41.64	− 1 16.0	1.719	2.680	6.4	21.1
11 17	2 33.51	− 2 16.1	1.752	2.679	9.1	21.3
11 27	2 26.63	− 2 53.3	1.809	2.677	12.3	21.5
12 7	2 21.69	− 3 6.6	1.889	2.675	15.2	21.7

267135 2000 EL_{64} 11 5.4 183.°87 1.°0/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.10	+20 25.7	1.952	2.741	15.3	21.8
10 8	3 8.18	+20 14.2	1.865	2.742	12.2	21.6
10 18	3 0.77	+19 50.5	1.800	2.742	8.4	21.3
10 28	2 51.51	+19 15.4	1.761	2.741	4.2	21.1
11 7	2 41.37	+18 31.7	1.750	2.740	1.1	20.9
11 17	2 31.49	+17 44.0	1.768	2.738	5.0	21.1
11 27	2 22.95	+16 58.1	1.815	2.736	9.1	21.4
12 7	2 16.58	+16 19.6	1.887	2.733	12.8	21.6

101674 1999 CU_{106} 11 5.5 314.°63 11.°9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.20	−18 13.8	2.216	3.004	13.8	19.3
10 8	3 0.93	−20 30.8	2.165	2.995	12.6	19.2
10 18	2 55.72	−22 34.4	2.138	2.985	11.9	19.1
10 28	2 49.10	−24 15.6	2.134	2.976	12.0	19.1
11 7	2 41.82	−25 27.2	2.154	2.967	12.8	19.2
11 17	2 34.73	−26 5.4	2.194	2.958	14.1	19.3
11 27	2 28.66	−26 9.9	2.254	2.950	15.6	19.4
12 7	2 24.26	−25 43.6	2.330	2.942	17.0	19.5

493967 2016 AD_{64} 11 5.5 205.°14 4.°8/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.41	+34 17.6	2.600	3.323	13.6	20.9
10 8	3 4.17	+34 24.1	2.505	3.322	11.5	20.7
10 18	2 57.89	+34 14.4	2.430	3.321	9.0	20.5
10 28	2 50.11	+33 46.7	2.380	3.319	6.6	20.4
11 7	2 41.64	+33 1.5	2.357	3.318	5.0	20.3
11 17	2 33.37	+32 1.6	2.363	3.317	5.3	20.3
11 27	2 26.19	+30 52.1	2.398	3.316	7.4	20.4
12 7	2 20.78	+29 39.3	2.460	3.314	9.9	20.6

13239 Kana 11 5.5 58.°24 2.°1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.16	+13 15.6	1.232	2.065	20.1	17.8
10 8	3 10.33	+12 46.5	1.190	2.094	15.5	17.6
10 18	3 2.31	+12 8.6	1.167	2.123	10.3	17.4
10 28	2 52.14	+11 26.7	1.167	2.152	4.8	17.2
11 7	2 41.31	+10 46.8	1.193	2.181	2.6	17.2
11 17	2 31.35	+10 15.2	1.244	2.210	7.3	17.5
11 27	2 23.54	+ 9 57.2	1.321	2.239	12.1	17.9
12 7	2 18.64	+ 9 55.1	1.419	2.268	16.0	18.2

224286 2005 TW_{94} 11 5.5 316.°47 0.°8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.63	+17 56.3	1.457	2.283	17.9	20.3
10 8	3 4.70	+17 11.1	1.375	2.275	14.1	20.1
10 18	2 58.83	+16 10.0	1.313	2.267	9.5	19.8
10 28	2 50.73	+14 56.1	1.275	2.260	4.4	19.5
11 7	2 41.54	+13 36.1	1.263	2.253	1.4	19.3
11 17	2 32.61	+12 18.4	1.277	2.246	6.7	19.6
11 27	2 25.28	+11 11.8	1.318	2.240	11.7	19.9
12 7	2 20.51	+10 23.0	1.380	2.234	16.1	20.1

204482 2005 AM_{67} 11 5.5 214.°99 1.°5/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.32	+13 22.2	1.997	2.806	14.4	21.0
10 8	3 5.88	+12 56.4	1.912	2.802	11.2	20.7
10 18	2 59.17	+12 23.3	1.848	2.798	7.5	20.5
10 28	2 50.76	+11 45.8	1.810	2.794	3.6	20.3
11 7	2 41.55	+11 7.8	1.801	2.789	1.9	20.1
11 17	2 32.53	+10 33.7	1.821	2.784	5.7	20.4
11 27	2 24.72	+10 8.2	1.869	2.779	9.6	20.6
12 7	2 18.86	+ 9 54.4	1.941	2.773	13.0	20.8

356156 2009 HV_{13} 11 5.5 224.°05 5.°6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.46	+ 0 48.9	2.074	2.889	13.7	20.9
10 8	3 5.79	+ 0 8.2	1.996	2.885	10.9	20.7
10 18	2 58.99	− 0 30.3	1.941	2.881	8.1	20.5
10 28	2 50.64	− 1 1.5	1.912	2.876	5.9	20.4
11 7	2 41.57	− 1 20.5	1.911	2.871	6.0	20.4
11 17	2 32.73	− 1 23.7	1.938	2.866	8.3	20.5
11 27	2 25.02	− 1 9.3	1.992	2.861	11.2	20.7
12 7	2 19.16	− 0 37.5	2.068	2.856	14.0	20.9

229760 2007 RM_{225} 11 5.5 354.°71 0.°9/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.89	+21 9.0	4.030	4.803	8.3	20.5
10 8	2 57.48	+21 1.5	3.936	4.802	6.6	20.4
10 18	2 52.98	+20 47.9	3.866	4.801	4.6	20.2
10 28	2 47.72	+20 28.7	3.824	4.801	2.4	20.1
11 7	2 42.11	+20 5.4	3.811	4.800	0.9	20.0
11 17	2 36.60	+19 39.6	3.830	4.800	2.6	20.1
11 27	2 31.61	+19 13.6	3.879	4.799	4.7	20.3
12 7	2 27.54	+18 49.7	3.956	4.799	6.7	20.4

399742 2005 EV_{227} 11 5.5 264.°82 7.°4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.48	− 1 32.3	1.993	2.814	14.0	21.4
10 8	3 4.47	− 2 52.5	1.908	2.796	11.4	21.2
10 18	2 58.26	− 4 11.6	1.845	2.777	8.9	21.1
10 28	2 50.36	− 5 22.2	1.808	2.759	7.4	20.9
11 7	2 41.62	− 6 16.9	1.798	2.740	8.0	20.9
11 17	2 32.99	− 6 50.3	1.815	2.720	10.3	21.0
11 27	2 25.46	− 6 59.0	1.856	2.700	13.1	21.2
12 7	2 19.79	− 6 43.2	1.919	2.680	15.8	21.3

3420 Standish 11 5.5 238.°51 5.°9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.79	− 0 56.5	2.450	3.265	11.8	17.1
10 8	3 1.85	− 2 3.0	2.374	3.260	9.5	17.0
10 18	2 56.18	− 3 7.7	2.321	3.254	7.3	16.8
10 28	2 49.29	− 4 5.0	2.295	3.248	5.9	16.7
11 7	2 41.84	− 4 49.9	2.297	3.241	6.3	16.7
11 17	2 34.55	− 5 18.3	2.328	3.235	8.2	16.9
11 27	2 28.17	− 5 28.2	2.384	3.229	10.5	17.0
12 7	2 23.27	− 5 19.2	2.463	3.222	12.8	17.2

226538 2003 UZ_{195} 11 5.5 8.°88 1.°6/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.44	+12 5.9	1.949	2.767	14.3	19.8
10 8	3 3.64	+11 53.9	1.873	2.769	11.1	19.6
10 18	2 57.64	+11 36.9	1.818	2.771	7.5	19.4
10 28	2 50.04	+11 17.2	1.789	2.773	3.6	19.1
11 7	2 41.70	+10 58.4	1.788	2.776	2.0	19.0
11 17	2 33.60	+10 43.9	1.815	2.779	5.6	19.3
11 27	2 26.70	+10 37.4	1.869	2.783	9.4	19.5
12 7	2 21.70	+10 41.1	1.948	2.787	12.7	19.7

347791 2002 GV_{2} 11 5.5 129.°84 3.°0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.27	+ 6 56.6	2.202	3.002	13.5	21.6
10 8	3 9.23	+ 6 44.6	2.132	3.017	10.5	21.4
10 18	3 1.13	+ 6 31.6	2.086	3.032	7.2	21.2
10 28	2 51.57	+ 6 20.6	2.068	3.046	4.0	21.1
11 7	2 41.44	+ 6 14.7	2.079	3.059	3.3	21.0
11 17	2 31.65	+ 6 16.3	2.121	3.072	6.0	21.2
11 27	2 23.09	+ 6 27.5	2.191	3.085	9.2	21.5
12 7	2 16.41	+ 6 49.1	2.287	3.096	12.1	21.7

443747 2015 LF_{38} 11 5.5 70.°14 8.°3/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.35	− 3 8.2	1.621	2.447	16.4	19.9
10 8	3 6.80	− 4 13.5	1.570	2.460	13.3	19.7
10 18	2 59.75	− 5 12.2	1.540	2.473	10.3	19.6
10 28	2 50.98	− 5 56.3	1.535	2.486	8.5	19.5
11 7	2 41.56	− 6 19.3	1.555	2.498	8.8	19.5
11 17	2 32.63	− 6 17.6	1.600	2.511	11.0	19.7
11 27	2 25.25	− 5 50.8	1.669	2.524	13.8	19.9
12 7	2 20.12	− 5 1.5	1.760	2.537	16.5	20.1

223887 2004 VY_{9} 11 5.5 25.°11 2.°8/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.68	+11 38.5	1.572	2.408	16.3	19.6
10 8	3 2.58	+10 55.6	1.515	2.421	12.6	19.4
10 18	2 57.02	+10 5.9	1.479	2.436	8.4	19.2
10 28	2 49.74	+ 9 14.3	1.467	2.451	4.2	19.0
11 7	2 41.78	+ 8 26.7	1.482	2.467	3.2	18.9
11 17	2 34.26	+ 7 48.9	1.523	2.484	6.9	19.2
11 27	2 28.22	+ 7 25.4	1.590	2.502	10.9	19.5
12 7	2 24.34	+ 7 18.3	1.680	2.521	14.3	19.7

444027 2004 KK_{14} 11 5.5 151.°43 1.°1/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.49	+16 42.7	2.275	3.075	13.1	20.8
10 8	3 3.31	+15 45.1	2.193	3.079	10.2	20.6
10 18	2 57.22	+14 37.2	2.135	3.084	6.8	20.4
10 28	2 49.78	+13 22.3	2.104	3.088	3.1	20.2
11 7	2 41.77	+12 5.4	2.103	3.092	1.5	20.1
11 17	2 34.03	+10 52.1	2.132	3.095	5.0	20.3
11 27	2 27.37	+ 9 47.8	2.190	3.098	8.5	20.5
12 7	2 22.39	+ 8 56.5	2.273	3.101	11.5	20.7

151636 2002 XO_{27} 11 5.5 333.°46 0.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.47	+19 46.1	1.297	2.128	19.4	20.2
10 8	3 5.04	+19 32.6	1.218	2.118	15.5	19.9
10 18	2 59.35	+19 2.7	1.156	2.109	10.7	19.6
10 28	2 51.09	+18 17.4	1.117	2.101	5.3	19.3
11 7	2 41.51	+17 21.2	1.103	2.093	1.0	19.0
11 17	2 32.15	+16 21.6	1.113	2.086	6.6	19.3
11 27	2 24.58	+15 27.4	1.148	2.080	12.0	19.6
12 7	2 19.89	+14 46.4	1.204	2.075	16.8	19.9

346569 2008 VF_{19} 11 5.5 69.°86 1.°8/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.13	+14 51.7	1.562	2.383	17.1	21.4
10 8	3 6.76	+14 4.3	1.507	2.404	13.2	21.2
10 18	2 59.78	+13 6.7	1.472	2.425	8.8	21.0
10 28	2 50.99	+12 3.5	1.462	2.446	4.1	20.7
11 7	2 41.57	+11 1.0	1.479	2.467	2.2	20.7
11 17	2 32.71	+10 5.8	1.524	2.488	6.4	21.0
11 27	2 25.51	+ 9 23.6	1.595	2.509	10.7	21.3
12 7	2 20.67	+ 8 57.9	1.690	2.530	14.3	21.6

44128 1998 HU_{50} 11 5.5 112°35 0°9/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.71	+20 52.6	1.676	2.471	17.2	19.7
10 8	3 9.57	+20 30.7	1.609	2.489	13.6	19.5
10 18	3 1.71	+19 54.5	1.563	2.506	9.3	19.3
10 28	2 51.93	+19 5.5	1.542	2.522	4.6	19.0
11 7	2 41.39	+18 7.8	1.548	2.538	1.0	18.8
11 17	2 31.37	+17 7.5	1.583	2.554	5.4	19.2
11 27	2 23.04	+16 11.8	1.646	2.569	9.8	19.5
12 7	2 17.18	+15 26.6	1.734	2.583	13.5	19.7

94572 2001 VQ_{42} 11 5.5 49°75 2°1/ 6.5 18

9 28	3 13.97	+21 46.0	1.062	1.893	22.8	19.2
10 8	3 10.28	+21 47.6	1.015	1.913	18.1	19.0
10 18	3 2.78	+21 29.9	0.984	1.934	12.5	18.7
10 28	2 52.54	+20 53.3	0.974	1.955	6.5	18.5
11 7	2 41.30	+20 2.8	0.988	1.977	2.1	18.3
11 17	2 30.93	+19 6.5	1.026	1.999	6.8	18.7
11 27	2 23.05	+18 14.5	1.087	2.022	12.2	19.0
12 7	2 18.55	+17 34.7	1.170	2.045	16.8	19.4

235155 2003 RL_{6} 11 5.5 82°97 2°3/ 3.9 18

9 28	3 10.27	+12 14.8	1.721	2.541	15.8	20.3
10 8	3 6.05	+11 41.2	1.650	2.548	12.3	20.1
10 18	2 59.35	+11 0.4	1.601	2.554	8.2	19.8
10 28	2 50.86	+10 16.4	1.578	2.561	4.0	19.6
11 7	2 41.60	+ 9 34.2	1.582	2.568	2.7	19.5
11 17	2 32.69	+ 8 59.0	1.613	2.575	6.5	19.8
11 27	2 25.21	+ 8 35.5	1.672	2.582	10.5	20.0
12 7	2 19.93	+ 8 26.5	1.754	2.589	14.1	20.3

191264 2003 BA_{61} 11 5.5 254°91 0°4/ 5.7 18

9 28	3 11.27	+19 0.2	1.751	2.555	16.3	20.8
10 8	3 7.19	+18 44.8	1.657	2.543	12.9	20.6
10 18	3 0.39	+18 16.7	1.584	2.531	8.9	20.3
10 28	2 51.48	+17 37.1	1.536	2.518	4.3	20.0
11 7	2 41.46	+16 49.4	1.515	2.506	0.8	19.7
11 17	2 31.57	+15 58.7	1.522	2.493	5.6	20.0
11 27	2 23.07	+15 11.8	1.557	2.479	10.2	20.3
12 7	2 16.88	+14 34.6	1.615	2.466	14.3	20.5

182481 2001 SG_{136} 11 5.5 309°42 2°8/ 3.2 18

9 28	3 5.30	+12 47.8	1.782	2.609	15.1	20.1
10 8	3 2.33	+11 43.5	1.691	2.593	11.8	19.8
10 18	2 56.98	+10 28.4	1.623	2.578	8.0	19.6
10 28	2 49.83	+ 9 7.2	1.580	2.563	4.1	19.3
11 7	2 41.77	+ 7 46.9	1.564	2.548	3.4	19.2
11 17	2 33.86	+ 6 34.9	1.576	2.533	7.1	19.4
11 27	2 27.16	+ 5 38.0	1.614	2.519	11.2	19.6
12 7	2 22.50	+ 5 0.4	1.676	2.506	14.9	19.8

154457 2003 CK_{19} 11 5.5 268°13 1°3/ 6.3 18

9 28	3 11.71	+20 29.9	1.701	2.502	16.8	21.3
10 8	3 7.72	+20 28.4	1.605	2.488	13.4	21.1
10 18	3 0.87	+20 13.9	1.529	2.473	9.4	20.8
10 28	2 51.75	+19 46.4	1.478	2.458	4.8	20.5
11 7	2 41.41	+19 8.2	1.453	2.443	1.4	20.2
11 17	2 31.14	+18 23.9	1.457	2.428	5.6	20.5
11 27	2 22.29	+17 40.1	1.487	2.413	10.3	20.7
12 7	2 15.88	+17 3.5	1.541	2.398	14.6	21.0

325512 2009 RG_{56} 11 5.5 136°26 3°4/ 2.0 18

9 28	3 5.41	+ 9 9.7	2.377	3.192	12.1	21.4
10 8	3 1.57	+ 7 52.6	2.301	3.196	9.4	21.3
10 18	2 56.00	+ 6 30.2	2.249	3.199	6.4	21.1
10 28	2 49.21	+ 5 7.5	2.225	3.202	3.9	20.9
11 7	2 41.91	+ 3 50.0	2.230	3.205	3.9	20.9
11 17	2 34.84	+ 2 43.2	2.266	3.208	6.4	21.1
11 27	2 28.73	+ 1 51.4	2.329	3.211	9.3	21.3
12 7	2 24.15	+ 1 16.6	2.416	3.213	11.9	21.5

290118 2005 QP_{128} 11 5.5 58°65 0°6/ 5.0 18

9 28	3 9.35	+15 27.8	1.940	2.748	14.7	20.9
10 8	3 5.14	+15 14.1	1.864	2.755	11.5	20.7
10 18	2 58.66	+14 52.3	1.811	2.761	7.7	20.4
10 28	2 50.53	+14 24.7	1.783	2.767	3.6	20.2
11 7	2 41.68	+13 54.4	1.783	2.774	1.1	20.0
11 17	2 33.11	+13 25.7	1.812	2.780	5.2	20.3
11 27	2 25.81	+13 2.9	1.869	2.787	9.1	20.6
12 7	2 20.50	+12 49.4	1.950	2.793	12.5	20.8

30137 2000 FB_{63} 11 5.5 85°81 1°6/ 6.4 18

9 28	3 15.35	+21 25.6	1.312	2.124	20.2	19.0
10 8	3 10.86	+21 19.9	1.251	2.139	16.1	18.8
10 18	3 2.99	+20 57.2	1.208	2.154	11.1	18.6
10 28	2 52.65	+20 18.4	1.188	2.169	5.7	18.3
11 7	2 41.31	+19 27.3	1.193	2.183	1.7	18.1
11 17	2 30.59	+18 31.0	1.225	2.198	6.3	18.4
11 27	2 21.98	+17 38.2	1.283	2.212	11.3	18.8
12 7	2 16.40	+16 56.2	1.363	2.226	15.7	19.1

35231 1995 GH_{7} 11 5.5 175°46 4°0/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.81	+ 7 15.0	2.011	2.826	14.1	18.5
10 8	3 6.11	+ 6 21.6	1.935	2.828	11.0	18.3
10 18	2 59.23	+ 5 24.6	1.882	2.830	7.6	18.1
10 28	2 50.78	+ 4 29.1	1.855	2.831	4.6	17.9
11 7	2 41.64	+ 3 40.4	1.857	2.832	4.4	17.9
11 17	2 32.77	+ 3 3.6	1.887	2.832	7.2	18.1
11 27	2 25.11	+ 2 42.4	1.945	2.832	10.6	18.3
12 7	2 19.36	+ 2 38.2	2.027	2.831	13.6	18.5

25731 2000 AL_{193} 11 5.5 126°93 2°6/ 8.1 18

9 28	3 7.74	+27 43.9	2.538	3.295	13.0	18.4
10 8	3 3.47	+27 23.2	2.452	3.302	10.6	18.2
10 18	2 57.32	+26 48.1	2.387	3.309	7.7	18.0
10 28	2 49.85	+25 59.0	2.348	3.315	4.7	17.9
11 7	2 41.82	+24 58.1	2.339	3.321	2.6	17.7
11 17	2 34.05	+23 49.4	2.359	3.327	4.1	17.8
11 27	2 27.33	+22 38.4	2.409	3.333	7.0	18.0
12 7	2 22.27	+21 30.7	2.486	3.339	9.8	18.2

35533 1998 FO_{72} 11 5.5 175°60 1°4/ 6.5 18

9 28	3 10.28	+21 2.1	2.318	3.100	13.4	19.5
10 8	3 5.63	+21 5.3	2.230	3.101	10.7	19.3
10 18	2 58.90	+20 58.5	2.164	3.102	7.5	19.1
10 28	2 50.65	+20 42.2	2.124	3.102	3.9	18.9
11 7	2 41.67	+20 17.9	2.114	3.103	1.4	18.7
11 17	2 32.86	+19 48.6	2.133	3.103	4.3	18.9
11 27	2 25.15	+19 18.7	2.181	3.103	7.7	19.1
12 7	2 19.22	+18 52.4	2.255	3.102	10.9	19.3

281148 2007 DX_{56} 11 5.5 283°25 1°0/ 6.0 18

9 28	3 12.60	+18 41.3	1.603	2.412	17.3	20.9
10 8	3 8.68	+18 51.3	1.505	2.393	13.9	20.7
10 18	3 1.71	+18 50.4	1.427	2.373	9.7	20.4
10 28	2 52.24	+18 38.7	1.372	2.354	4.9	20.1
11 7	2 41.35	+18 17.7	1.344	2.334	1.2	19.8
11 17	2 30.42	+17 51.3	1.343	2.315	6.0	20.0
11 27	2 20.94	+17 25.5	1.369	2.295	11.0	20.3
12 7	2 14.04	+17 6.4	1.418	2.276	15.5	20.5

248879 2006 UK_{153} 11 5.5 34°34 1°8/ 6.7 18

9 28	3 9.16	+22 24.8	1.822	2.617	16.0	20.9
10 8	3 5.31	+22 17.1	1.742	2.620	12.8	20.7
10 18	2 58.94	+21 55.4	1.683	2.623	9.0	20.4
10 28	2 50.73	+21 20.2	1.648	2.626	4.8	20.2
11 7	2 41.66	+20 34.3	1.641	2.630	1.8	20.0
11 17	2 32.88	+19 42.6	1.662	2.633	5.0	20.2
11 27	2 25.49	+18 51.5	1.710	2.637	9.1	20.5
12 7	2 20.30	+18 7.1	1.783	2.641	12.8	20.7

490592 2009 WO_{167} 11 5.5 273°99 2°6/ 3.5 17

9 28	3 9.38	+ 7 43.1	2.565	3.368	11.7	21.7
10 8	3 4.76	+ 7 28.5	2.459	3.346	9.2	21.5
10 18	2 58.28	+ 7 12.2	2.377	3.324	6.3	21.3
10 28	2 50.37	+ 6 56.7	2.323	3.302	3.5	21.1
11 7	2 41.71	+ 6 44.8	2.298	3.279	2.9	21.0
11 17	2 33.07	+ 6 39.5	2.303	3.256	5.5	21.1
11 27	2 25.25	+ 6 43.1	2.337	3.232	8.7	21.3
12 7	2 18.92	+ 6 57.1	2.397	3.209	11.5	21.4

398796 2013 AR_{144} 11 5.5 15°22 0°4/ 5.2 16

9 28	3 7.05	+19 35.4	1.711	2.523	16.2	21.5
10 8	3 3.70	+18 38.7	1.632	2.524	12.8	21.2
10 18	2 57.86	+17 26.2	1.575	2.525	8.6	21.0
10 28	2 50.21	+16 1.3	1.542	2.526	4.0	20.7
11 7	2 41.77	+14 30.4	1.538	2.528	1.0	20.5
11 17	2 33.65	+13 1.3	1.561	2.530	5.7	20.8
11 27	2 26.95	+11 42.3	1.612	2.532	10.1	21.1
12 7	2 22.44	+10 39.5	1.687	2.535	13.9	21.4

296724 2009 SL_{353} 11 5.5 47°37 2°5/ 4.0 18

9 28	3 11.76	+ 7 53.5	2.115	2.924	13.6	20.4
10 8	3 6.72	+ 7 57.2	2.042	2.933	10.6	20.3
10 18	2 59.58	+ 8 0.0	1.993	2.942	7.2	20.1
10 28	2 50.94	+ 8 4.2	1.970	2.951	3.8	19.9
11 7	2 41.64	+ 8 12.3	1.976	2.960	2.8	19.8
11 17	2 32.62	+ 8 26.3	2.011	2.969	5.7	20.0
11 27	2 24.78	+ 8 48.0	2.075	2.979	9.1	20.3
12 7	2 18.80	+ 9 18.4	2.164	2.989	12.2	20.5

43244 2000 AR_{253} 11 5.5 65°97 1°2/ 4.6 18

9 28	3 8.42	+14 5.0	2.135	2.943	13.6	19.1
10 8	3 4.05	+13 40.2	2.071	2.961	10.5	18.9
10 18	2 57.72	+13 8.7	2.029	2.979	7.0	18.7
10 28	2 50.03	+12 33.4	2.014	2.998	3.2	18.5
11 7	2 41.82	+11 57.8	2.027	3.016	1.5	18.4
11 17	2 33.95	+11 25.9	2.070	3.035	5.0	18.7
11 27	2 27.26	+11 1.5	2.141	3.053	8.4	19.0
12 7	2 22.34	+10 47.3	2.237	3.072	11.5	19.2

422946 2002 TQ_{378} 11 5.5 111°.35 4°.4/ 7.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 19.95	+26 11.1	1.711	2.479	18.0	21.2
10 8	3 13.98	+26 56.3	1.641	2.496	14.7	21.0
10 18	3 4.93	+27 26.8	1.590	2.512	10.8	20.8
10 28	2 53.57	+27 39.3	1.564	2.528	6.9	20.6
11 7	2 41.17	+27 33.2	1.565	2.544	4.4	20.5
11 17	2 29.19	+27 11.3	1.594	2.558	6.2	20.6
11 27	2 19.04	+26 39.8	1.651	2.573	9.8	20.9
12 7	2 11.64	+26 6.3	1.733	2.586	13.3	21.1

213850 2003 SZ_{55} 11 5.5 120°.29 0°.5/ 5.1 17

9 28	3 14.10	+18 3.8	1.599	2.407	17.4	20.8
10 8	3 9.20	+17 22.5	1.533	2.421	13.6	20.6
10 18	3 1.53	+16 27.8	1.486	2.435	9.2	20.4
10 28	2 51.89	+15 22.8	1.465	2.449	4.2	20.2
11 7	2 41.49	+14 13.2	1.472	2.462	1.1	20.0
11 17	2 31.60	+13 6.2	1.507	2.475	6.0	20.3
11 27	2 23.41	+12 8.9	1.569	2.487	10.5	20.6
12 7	2 17.71	+11 26.7	1.655	2.498	14.4	20.9

216790 2006 SD_{15} 11 5.5 319°.78 0°.1/ 5.6 18

9 28	3 7.74	+18 49.7	1.836	2.644	15.5	20.7
10 8	3 4.18	+18 23.6	1.751	2.639	12.2	20.5
10 18	2 58.19	+17 45.1	1.686	2.635	8.3	20.2
10 28	2 50.40	+16 56.2	1.647	2.630	3.9	19.9
11 7	2 41.74	+16 0.8	1.635	2.626	0.7	19.7
11 17	2 33.30	+15 4.4	1.652	2.622	5.3	20.0
11 27	2 26.16	+14 13.6	1.696	2.618	9.5	20.3
12 7	2 21.11	+13 33.4	1.764	2.615	13.3	20.5

305258 2007 YM_{12} 11 5.5 291°.72 5°.6/ 2.1 18

9 28	3 11.26	+ 1 7.5	1.904	2.722	14.6	21.0
10 8	3 6.64	+ 0 37.2	1.827	2.718	11.6	20.8
10 18	2 59.71	+ 0 9.7	1.771	2.713	8.5	20.6
10 28	2 51.07	− 0 9.9	1.742	2.708	6.1	20.4
11 7	2 41.63	− 0 17.0	1.740	2.704	6.0	20.4
11 17	2 32.41	− 0 8.2	1.765	2.700	8.5	20.6
11 27	2 24.45	+ 0 18.1	1.817	2.695	11.6	20.8
12 7	2 18.49	+ 1 1.2	1.891	2.691	14.7	21.0

213461 2002 CM_{197} 11 5.5 113°.80 2°.6/ 4.0 18

9 28	3 13.89	+12 18.3	1.465	2.289	17.9	20.9
10 8	3 9.27	+11 41.8	1.400	2.299	14.0	20.6
10 18	3 1.72	+10 57.0	1.355	2.309	9.4	20.4
10 28	2 52.04	+10 8.4	1.335	2.318	4.6	20.2
11 7	2 41.47	+ 9 22.1	1.341	2.327	3.0	20.1
11 17	2 31.37	+ 8 44.3	1.374	2.336	7.3	20.4
11 27	2 23.04	+ 8 20.3	1.433	2.344	11.8	20.7
12 7	2 17.33	+ 8 13.2	1.515	2.353	15.8	20.9

48280 2002 EK_{85} 11 5.5 79°.39 2°.1/ 3.8 18

9 28	3 7.87	+12 2.9	2.160	2.972	13.3	19.5
10 8	3 3.60	+11 22.1	2.095	2.987	10.3	19.3
10 18	2 57.41	+10 35.5	2.052	3.003	6.9	19.2
10 28	2 49.89	+ 9 46.9	2.036	3.019	3.4	19.0
11 7	2 41.86	+ 9 0.5	2.049	3.034	2.4	18.9
11 17	2 34.16	+ 8 20.6	2.091	3.050	5.5	19.2
11 27	2 27.60	+ 7 51.2	2.161	3.065	8.8	19.4
12 7	2 22.76	+ 7 34.4	2.256	3.080	11.8	19.6

268202 2005 AS_{59} 11 5.5 0°.41 4°.1/ 8.8 17

9 28	3 8.32	+29 0.1	2.176	2.937	14.8	20.9
10 8	3 4.45	+29 14.9	2.088	2.937	12.2	20.7
10 18	2 58.29	+29 14.7	2.020	2.936	9.2	20.5
10 28	2 50.43	+28 57.9	1.977	2.936	6.1	20.3
11 7	2 41.75	+28 25.3	1.961	2.937	4.1	20.2
11 17	2 33.26	+27 40.0	1.973	2.937	5.2	20.2
11 27	2 25.98	+26 47.4	2.013	2.938	8.1	20.4
12 7	2 20.67	+25 53.9	2.078	2.939	11.2	20.6

328020 2007 JH_{10} 11 5.5 114°.91 1°.1/ 6.5 18

9 28	3 6.61	+23 16.7	2.362	3.142	13.2	21.0
10 8	3 2.68	+22 33.7	2.275	3.145	10.5	20.8
10 18	2 56.84	+21 37.0	2.211	3.149	7.3	20.6
10 28	2 49.66	+20 28.2	2.173	3.152	3.8	20.4
11 7	2 41.91	+19 11.2	2.165	3.155	1.1	20.2
11 17	2 34.41	+17 51.1	2.187	3.158	4.1	20.5
11 27	2 27.98	+16 33.9	2.238	3.161	7.6	20.7
12 7	2 23.23	+15 25.3	2.317	3.163	10.7	20.9

523377 2017 DN_{2} 11 5.5 72°.78 0°.4/ 5.2 18

9 28	3 8.43	+16 4.6	2.184	2.986	13.5	21.3
10 8	3 4.24	+15 51.0	2.101	2.987	10.6	21.1
10 18	2 57.99	+15 29.6	2.041	2.989	7.1	20.8
10 28	2 50.24	+15 2.2	2.007	2.990	3.3	20.6
11 7	2 41.81	+14 31.7	2.001	2.992	0.8	20.4
11 17	2 33.58	+14 1.9	2.025	2.993	4.7	20.7
11 27	2 26.45	+13 36.8	2.077	2.995	8.4	20.9
12 7	2 21.10	+13 19.8	2.155	2.996	11.6	21.2

367223 2007 EF_{170} 11 5.5 171°.15 4°.1/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.23	+ 6 5.5	2.698	3.507	11.0	21.1
10 8	3 1.98	+ 4 29.1	2.620	3.510	8.6	20.9
10 18	2 56.19	+ 2 49.0	2.568	3.512	6.1	20.8
10 28	2 49.31	+ 1 10.6	2.546	3.514	4.3	20.6
11 7	2 41.98	− 0 20.1	2.554	3.515	4.6	20.7
11 17	2 34.85	− 1 38.2	2.593	3.516	6.7	20.8
11 27	2 28.57	− 2 39.5	2.661	3.517	9.2	21.0
12 7	2 23.66	− 3 22.5	2.753	3.518	11.5	21.1

75263 1999 XO_{11} 11 5.5 304°.18 4°.1/ 7.7 18

9 28	3 9.42	+25 53.9	1.385	2.191	19.7	18.6
10 8	3 6.88	+26 10.1	1.288	2.168	16.3	18.3
10 18	3 0.90	+26 7.1	1.209	2.146	12.1	18.0
10 28	2 52.02	+25 41.9	1.151	2.123	7.4	17.7
11 7	2 41.44	+24 54.9	1.117	2.101	4.2	17.4
11 17	2 30.79	+23 50.5	1.108	2.080	6.9	17.5
11 27	2 21.84	+22 38.3	1.124	2.059	11.9	17.7
12 7	2 15.92	+21 29.3	1.162	2.038	16.8	18.0

56964 2000 SY_{79} 11 5.5 145°.82 1°.6/ 4.1 18

9 28	3 8.50	+12 51.8	2.339	3.143	12.7	19.7
10 8	3 4.04	+12 17.3	2.260	3.149	9.8	19.5
10 18	2 57.72	+11 36.7	2.205	3.155	6.6	19.3
10 28	2 50.07	+10 53.0	2.177	3.160	3.2	19.1
11 7	2 41.85	+10 9.9	2.179	3.166	2.0	19.0
11 17	2 33.87	+ 9 31.4	2.210	3.171	5.1	19.3
11 27	2 26.92	+ 9 1.5	2.270	3.175	8.4	19.5
12 7	2 21.62	+ 8 42.6	2.356	3.180	11.3	19.7

430991 2005 XO_{12} 11 5.5 82°.38 1°.1/ 4.8 18

9 28	3 14.00	+15 3.7	1.575	2.390	17.3	21.4
10 8	3 9.05	+14 41.1	1.517	2.410	13.4	21.2
10 18	3 1.38	+14 9.3	1.480	2.431	9.0	21.0
10 28	2 51.82	+13 31.1	1.467	2.451	4.1	20.8
11 7	2 41.55	+12 51.4	1.482	2.471	1.5	20.6
11 17	2 31.84	+12 15.6	1.524	2.491	6.1	21.0
11 27	2 23.84	+11 48.7	1.594	2.511	10.4	21.3
12 7	2 18.31	+11 34.5	1.687	2.530	14.2	21.6

388089 2005 UM_{207} 11 5.5 317°.85 1°.7/ 4.5 18

9 28	3 6.39	+15 38.1	1.360	2.198	18.3	21.3
10 8	3 4.06	+14 57.6	1.274	2.181	14.5	21.0
10 18	2 58.67	+14 2.5	1.207	2.164	9.8	20.7
10 28	2 50.83	+12 56.7	1.163	2.148	4.6	20.4
11 7	2 41.69	+11 46.8	1.144	2.133	2.2	20.2
11 17	2 32.68	+10 41.2	1.150	2.118	7.4	20.5
11 27	2 25.27	+ 9 48.8	1.181	2.104	12.7	20.7
12 7	2 20.54	+ 9 15.6	1.233	2.091	17.4	21.0

451156 2009 SL_{85} 11 5.5 307°.75 1°.3/ 4.5 18

9 28	3 6.99	+14 18.5	2.125	2.936	13.6	21.8
10 8	3 3.19	+13 48.8	2.040	2.932	10.6	21.6
10 18	2 57.33	+13 11.5	1.977	2.928	7.1	21.3
10 28	2 49.95	+12 29.2	1.940	2.924	3.3	21.1
11 7	2 41.87	+11 45.8	1.931	2.920	1.6	21.0
11 17	2 33.97	+11 5.8	1.952	2.916	5.2	21.2
11 27	2 27.15	+10 33.6	2.000	2.913	8.9	21.4
12 7	2 22.10	+10 12.7	2.073	2.909	12.2	21.6

139931 2001 RL_{131} 11 5.5 87°.03 3°.6/ 2.8 18

9 28	3 8.07	+ 8 33.3	1.948	2.769	14.2	20.0
10 8	3 4.06	+ 7 41.8	1.876	2.774	11.0	19.8
10 18	2 57.90	+ 6 46.1	1.827	2.778	7.5	19.6
10 28	2 50.20	+ 5 50.9	1.804	2.783	4.4	19.4
11 7	2 41.85	+ 5 1.7	1.809	2.788	4.0	19.4
11 17	2 33.79	+ 4 23.5	1.843	2.792	7.0	19.6
11 27	2 26.94	+ 4 0.2	1.903	2.797	10.4	19.8
12 7	2 21.97	+ 3 53.5	1.986	2.801	13.5	20.0

212244 2005 JU_{57} 11 5.5 212°.96 0°.5/ 5.8 18

9 28	3 9.68	+18 55.8	1.927	2.727	15.1	21.4
10 8	3 5.56	+18 41.9	1.843	2.727	11.9	21.2
10 18	2 59.07	+18 16.9	1.780	2.726	8.2	21.0
10 28	2 50.82	+17 42.2	1.744	2.726	3.9	20.7
11 7	2 41.74	+17 0.9	1.734	2.725	0.7	20.5
11 17	2 32.89	+16 17.6	1.754	2.724	5.0	20.8
11 27	2 25.32	+15 37.8	1.801	2.724	9.1	21.1
12 7	2 19.80	+15 6.3	1.874	2.723	12.7	21.3

519752 2013 CY_{227} 11 5.5 245°.41 0°.6/ 5.9 18

9 28	3 8.85	+19 43.5	2.014	2.811	14.7	21.5
10 8	3 4.85	+19 24.0	1.926	2.808	11.6	21.3
10 18	2 58.56	+18 52.7	1.860	2.804	8.0	21.0
10 28	2 50.57	+18 11.1	1.819	2.801	3.9	20.8
11 7	2 41.78	+17 22.3	1.807	2.797	0.7	20.5
11 17	2 33.20	+16 31.2	1.823	2.794	4.8	20.8
11 27	2 25.82	+15 43.4	1.868	2.790	8.8	21.1
12 7	2 20.41	+15 3.9	1.938	2.786	12.4	21.3

513022 2017 VD_1 11 5.5 47°.59 4°.7/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 18.76	+23 39.7	0.953	1.782	25.0	20.4
10 8	3 14.52	+24 33.6	0.913	1.806	20.1	20.2
10 18	3 5.92	+25 7.0	0.887	1.831	14.4	20.0
10 28	2 54.13	+25 16.1	0.882	1.857	8.5	19.8
11 7	2 41.19	+25 1.7	0.898	1.884	4.7	19.6
11 17	2 29.32	+24 30.0	0.939	1.911	7.7	19.9
11 27	2 20.39	+23 51.7	1.002	1.938	12.8	20.3
12 7	2 15.39	+23 17.2	1.085	1.966	17.4	20.7

68506 2001 UW_{121} 11 5.5 316°.29 2°.6/ 4.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.72	+11 56.1	1.408	2.245	17.8	19.3
10 8	3 5.77	+11 32.4	1.323	2.229	14.1	19.0
10 18	2 59.77	+11 0.5	1.257	2.214	9.6	18.8
10 28	2 51.35	+10 24.2	1.214	2.199	4.7	18.4
11 7	2 41.63	+ 9 49.1	1.197	2.184	3.0	18.3
11 17	2 32.02	+ 9 21.4	1.205	2.170	7.6	18.5
11 27	2 23.97	+ 9 6.8	1.238	2.157	12.7	18.8
12 7	2 18.55	+ 9 9.2	1.293	2.144	17.1	19.0

192631 1999 LG_{29} 11 5.5 78°.39 4°.8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.33	+ 5 43.1	1.650	2.473	16.3	19.9
10 8	3 8.21	+ 4 54.0	1.601	2.498	12.7	19.8
10 18	3 0.64	+ 4 4.0	1.574	2.523	8.8	19.6
10 28	2 51.43	+ 3 19.0	1.572	2.547	5.5	19.5
11 7	2 41.67	+ 2 44.7	1.598	2.571	5.2	19.5
11 17	2 32.49	+ 2 25.5	1.651	2.595	8.1	19.7
11 27	2 24.91	+ 2 23.9	1.730	2.619	11.5	20.0
12 7	2 19.59	+ 2 39.8	1.832	2.642	14.6	20.2

59252 1999 CE_{25} 11 5.5 275°.79 2°.0/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.83	+12 26.6	1.684	2.502	16.2	19.7
10 8	3 7.77	+12 8.3	1.588	2.484	12.8	19.4
10 18	3 0.92	+11 42.6	1.513	2.465	8.7	19.2
10 28	2 51.85	+11 12.5	1.462	2.446	4.2	18.8
11 7	2 41.55	+10 42.2	1.439	2.427	2.4	18.7
11 17	2 31.29	+10 16.5	1.444	2.408	6.7	18.9
11 27	2 22.36	+10 0.7	1.475	2.388	11.4	19.1
12 7	2 15.78	+ 9 58.5	1.529	2.369	15.5	19.3

30536 2001 OJ_7 11 5.5 6°.48 5°.8/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.02	+30 12.8	1.527	2.312	19.1	17.4
10 8	3 5.24	+30 43.1	1.451	2.312	15.9	17.2
10 18	2 59.36	+30 52.8	1.393	2.314	12.2	17.0
10 28	2 51.11	+30 39.0	1.357	2.316	8.4	16.8
11 7	2 41.70	+30 1.8	1.345	2.319	5.9	16.6
11 17	2 32.60	+29 5.5	1.358	2.323	6.9	16.7
11 27	2 25.23	+27 58.4	1.397	2.328	10.4	16.9
12 7	2 20.58	+26 50.2	1.459	2.334	14.1	17.2

68832 2002 GW_{91} 11 5.5 19°.21 0°.1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.59	+24 16.8	1.153	1.989	21.0	17.6
10 8	3 1.22	+22 43.2	1.095	1.998	16.6	17.4
10 18	2 56.62	+20 40.9	1.055	2.009	11.3	17.1
10 28	2 49.73	+18 16.3	1.037	2.021	5.3	16.8
11 7	2 41.97	+15 42.0	1.044	2.035	0.9	16.6
11 17	2 34.85	+13 13.3	1.078	2.050	6.9	17.0
11 27	2 29.68	+11 4.8	1.136	2.067	12.3	17.4
12 7	2 27.23	+ 9 25.4	1.216	2.084	16.8	17.7

108761 2001 OK_{46} 11 5.5 49°.39 1°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.29	+16 11.1	1.270	2.103	19.6	19.3
10 8	3 7.53	+15 38.3	1.218	2.122	15.3	19.1
10 18	3 0.64	+14 52.9	1.186	2.141	10.2	18.9
10 28	2 51.55	+13 59.0	1.176	2.161	4.7	18.6
11 7	2 41.66	+13 3.3	1.192	2.182	1.7	18.5
11 17	2 32.44	+12 13.0	1.234	2.203	6.8	18.9
11 27	2 25.20	+11 35.0	1.300	2.224	11.7	19.2
12 7	2 20.75	+11 13.6	1.389	2.245	15.8	19.5

103802 2000 DH_{14} 11 5.5 322°.88 0°.4/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.68	+18 31.5	2.020	2.824	14.4	20.6
10 8	3 3.23	+18 21.7	1.927	2.813	11.4	20.4
10 18	2 57.54	+18 1.8	1.855	2.802	7.8	20.1
10 28	2 50.14	+17 32.9	1.809	2.791	3.8	19.9
11 7	2 41.88	+16 57.9	1.790	2.781	0.7	19.6
11 17	2 33.74	+16 20.7	1.800	2.771	4.8	19.9
11 27	2 26.73	+15 46.5	1.838	2.762	8.8	20.1
12 7	2 21.61	+15 19.6	1.900	2.752	12.4	20.3

220761 2004 TR_{109} 11 5.5 31°.20 1°.8/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.97	+12 24.7	1.753	2.577	15.4	19.8
10 8	3 4.22	+12 3.9	1.689	2.588	12.0	19.6
10 18	2 58.12	+11 36.9	1.645	2.599	8.0	19.4
10 28	2 50.35	+11 7.0	1.627	2.611	3.8	19.2
11 7	2 41.88	+10 38.4	1.636	2.624	2.2	19.1
11 17	2 33.77	+10 15.4	1.673	2.637	6.0	19.4
11 27	2 27.04	+10 2.0	1.736	2.651	9.9	19.7
12 7	2 22.38	+10 0.8	1.824	2.665	13.3	19.9

324210 2006 BN_{10} 11 5.5 164°.89 4°.7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.12	+ 2 7.5	2.484	3.296	11.8	20.8
10 8	3 2.85	+ 1 18.7	2.410	3.299	9.3	20.6
10 18	2 56.88	+ 0 30.8	2.360	3.300	6.8	20.5
10 28	2 49.70	− 0 11.9	2.338	3.302	4.9	20.4
11 7	2 42.01	− 0 45.0	2.343	3.304	5.1	20.4
11 17	2 34.52	− 1 5.2	2.378	3.305	7.0	20.5
11 27	2 27.96	− 1 10.3	2.440	3.306	9.6	20.7
12 7	2 22.88	− 0 59.9	2.526	3.307	11.9	20.8

112141 2002 JT_{59} 11 5.5 77°.35 2°.2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.01	+10 12.2	1.395	2.213	18.9	19.3
10 8	3 13.99	+10 19.2	1.342	2.237	14.7	19.1
10 18	3 4.84	+10 22.6	1.310	2.261	9.9	18.9
10 28	2 53.50	+10 25.0	1.301	2.284	4.8	18.7
11 7	2 41.37	+10 29.3	1.320	2.308	2.6	18.6
11 17	2 29.95	+10 38.8	1.366	2.331	7.0	18.9
11 27	2 20.57	+10 56.4	1.439	2.353	11.6	19.3
12 7	2 14.07	+11 23.8	1.535	2.376	15.4	19.6

177564 2004 FN_{109} 11 5.5 233°.96 1°.2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.25	+15 11.5	2.067	2.875	14.0	20.5
10 8	3 4.26	+14 35.5	1.981	2.871	10.9	20.3
10 18	2 58.11	+13 50.5	1.916	2.867	7.3	20.0
10 28	2 50.38	+12 59.3	1.879	2.863	3.4	19.8
11 7	2 41.90	+12 6.1	1.869	2.858	1.6	19.6
11 17	2 33.62	+11 16.0	1.889	2.854	5.3	19.9
11 27	2 26.48	+10 34.2	1.937	2.849	9.2	20.1
12 7	2 21.19	+10 4.4	2.009	2.844	12.5	20.3

385700 2005 TL_{153} 11 5.5 328°.85 3°.2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.87	+21 35.3	1.288	2.111	20.0	20.7
10 8	3 7.30	+22 12.8	1.203	2.096	16.2	20.4
10 18	3 1.22	+22 37.2	1.135	2.081	11.7	20.1
10 28	2 52.22	+22 46.3	1.089	2.067	6.7	19.8
11 7	2 41.54	+22 40.0	1.066	2.054	3.2	19.5
11 17	2 30.86	+22 21.1	1.069	2.042	6.8	19.7
11 27	2 22.00	+21 56.7	1.095	2.031	12.1	20.0
12 7	2 16.24	+21 34.7	1.143	2.021	16.9	20.2

183690 2003 YQ_{22} 11 5.5 236°.80 3°.1/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.44	+24 28.8	1.616	2.406	18.0	20.5
10 8	3 9.26	+24 40.4	1.529	2.401	14.6	20.2
10 18	3 2.02	+24 36.1	1.461	2.396	10.6	20.0
10 28	2 52.39	+24 14.3	1.417	2.390	6.2	19.7
11 7	2 41.53	+23 36.3	1.399	2.385	3.1	19.5
11 17	2 30.86	+22 46.5	1.408	2.379	5.9	19.7
11 27	2 21.83	+21 52.4	1.444	2.373	10.3	19.9
12 7	2 15.46	+21 2.2	1.504	2.367	14.5	20.2

332752 2009 TO_{47} 11 5.5 277°.81 1°.1/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.89	+21 39.2	2.348	3.134	13.2	21.2
10 8	3 3.10	+21 20.1	2.247	3.121	10.5	21.0
10 18	2 57.30	+20 49.3	2.169	3.108	7.3	20.8
10 28	2 50.01	+20 7.6	2.117	3.096	3.8	20.5
11 7	2 41.97	+19 17.6	2.093	3.083	1.1	20.3
11 17	2 34.03	+18 23.4	2.099	3.070	4.2	20.5
11 27	2 27.09	+17 30.0	2.134	3.057	7.8	20.7
12 7	2 21.82	+16 42.5	2.196	3.045	11.1	20.9

285406 1999 UV_{20} 11 5.5 106°.16 0°.9/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.21	+15 7.1	1.882	2.687	15.2	21.5
10 8	3 7.37	+14 46.1	1.813	2.701	11.9	21.3
10 18	3 0.17	+14 16.9	1.766	2.715	7.9	21.1
10 28	2 51.31	+13 42.0	1.744	2.728	3.7	20.8
11 7	2 41.76	+13 5.2	1.751	2.741	1.3	20.7
11 17	2 32.59	+12 31.0	1.787	2.754	5.4	21.0
11 27	2 24.81	+12 4.1	1.851	2.766	9.4	21.3
12 7	2 19.13	+11 47.8	1.940	2.778	12.8	21.5

437213 2012 WB_{15} 11 5.5 27°.33 3°.9/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.40	+ 9 3.7	1.211	2.060	19.4	20.1
10 8	3 6.19	+ 8 36.8	1.161	2.073	15.1	19.8
10 18	2 59.84	+ 8 5.6	1.129	2.087	10.2	19.6
10 28	2 51.25	+ 7 35.8	1.119	2.102	5.4	19.4
11 7	2 41.77	+ 7 13.4	1.134	2.118	4.3	19.4
11 17	2 32.90	+ 7 3.7	1.174	2.135	8.3	19.7
11 27	2 25.96	+ 7 10.3	1.237	2.153	12.9	20.0
12 7	2 21.78	+ 7 33.9	1.321	2.172	16.9	20.3

69677 1998 HC_{14} 11 5.5 158°.63 4°.5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.77	+ 4 45.4	2.184	2.995	13.2	20.2
10 8	3 5.88	+ 3 50.6	2.112	3.002	10.4	20.1
10 18	2 59.00	+ 2 54.6	2.064	3.008	7.3	19.9
10 28	2 50.73	+ 2 2.4	2.043	3.014	4.9	19.8
11 7	2 41.86	+ 1 18.9	2.051	3.018	4.9	19.8
11 17	2 33.28	+ 0 48.5	2.087	3.023	7.3	19.9
11 27	2 25.82	+ 0 34.1	2.151	3.027	10.2	20.1
12 7	2 20.12	+ 0 36.4	2.239	3.030	13.0	20.3

320234 2007 JS_{19} 11 5.5 91°.04 0°.5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.31	+18 30.6	2.356	3.146	13.0	20.6
10 8	3 4.74	+18 26.6	2.280	3.157	10.2	20.4
10 18	2 58.24	+18 14.2	2.226	3.169	7.0	20.3
10 28	2 50.38	+17 54.5	2.199	3.180	3.4	20.1
11 7	2 41.93	+17 29.7	2.201	3.191	0.7	19.9
11 17	2 33.73	+17 3.1	2.232	3.202	4.1	20.1
11 27	2 26.61	+16 38.3	2.293	3.213	7.5	20.4
12 7	2 21.18	+16 18.9	2.380	3.224	10.5	20.6

182248 2001 FJ_{71} 11 5.5 208°.96 1°.4/ 4.7 18

9 28	3 14.46	+13 35.5	1.860	2.664	15.4	21.2
10 8	3 9.41	+13 18.8	1.771	2.659	12.1	21.0
10 18	3 1.78	+12 54.7	1.704	2.653	8.2	20.7
10 28	2 52.18	+12 25.7	1.663	2.647	3.9	20.5
11 7	2 41.60	+11 55.2	1.651	2.640	1.8	20.3
11 17	2 31.20	+11 27.7	1.667	2.632	5.9	20.6
11 27	2 22.14	+11 7.9	1.712	2.624	10.2	20.8
12 7	2 15.29	+10 59.3	1.781	2.615	14.0	21.0

482894 2014 GD_{5} 11 5.5 99°.90 4°.7/ 8.4 18

9 28	3 15.47	+27 46.6	1.875	2.639	16.8	21.5
10 8	3 10.43	+28 30.6	1.796	2.646	13.8	21.3
10 18	3 2.58	+29 0.1	1.736	2.653	10.4	21.1
10 28	2 52.59	+29 12.1	1.701	2.661	7.0	20.9
11 7	2 41.54	+29 5.9	1.693	2.668	4.8	20.8
11 17	2 30.74	+28 43.6	1.712	2.675	6.1	20.9
11 27	2 21.47	+28 10.8	1.759	2.681	9.3	21.1
12 7	2 14.66	+27 34.6	1.832	2.688	12.6	21.3

402519 2006 DG_{158} 11 5.5 298°.89 7°.5/29.3 18

9 28	3 4.85	− 2 38.3	2.119	2.942	13.1	20.3
10 8	3 1.55	− 4 11.2	2.038	2.926	10.8	20.2
10 18	2 56.28	− 5 42.5	1.980	2.909	8.6	20.0
10 28	2 49.54	− 7 4.6	1.949	2.892	7.5	19.9
11 7	2 42.08	− 8 10.5	1.944	2.876	8.2	19.9
11 17	2 34.73	− 8 54.5	1.966	2.859	10.3	20.0
11 27	2 28.38	− 9 13.6	2.012	2.843	12.8	20.1
12 7	2 23.68	− 9 7.8	2.079	2.827	15.2	20.3

377519 2005 GP_{17} 11 5.5 127°.36 3°.4/ 7.6 16

9 28	3 17.84	+25 1.7	1.729	2.504	17.6	22.5
10 8	3 12.28	+25 22.2	1.656	2.518	14.2	22.3
10 18	3 3.78	+25 27.7	1.602	2.531	10.3	22.1
10 28	2 53.11	+25 16.3	1.573	2.544	6.1	21.9
11 7	2 41.47	+24 49.1	1.572	2.556	3.4	21.7
11 17	2 30.25	+24 10.0	1.599	2.567	5.6	21.9
11 27	2 20.75	+23 25.6	1.653	2.578	9.6	22.2
12 7	2 13.88	+22 43.4	1.733	2.588	13.3	22.4

35492 1998 FA_{29} 11 5.5 152°.87 0°.5/ 5.8 18

9 28	3 11.90	+18 34.6	1.829	2.630	15.8	19.6
10 8	3 7.43	+18 26.6	1.748	2.632	12.5	19.4
10 18	3 0.42	+18 7.7	1.689	2.635	8.5	19.1
10 28	2 51.52	+17 39.1	1.655	2.637	4.1	18.9
11 7	2 41.75	+17 3.8	1.648	2.639	0.7	18.6
11 17	2 32.24	+16 26.2	1.670	2.641	5.2	19.0
11 27	2 24.12	+15 51.9	1.720	2.642	9.4	19.2
12 7	2 18.22	+15 25.8	1.794	2.644	13.2	19.4

245376 2005 GC_{79} 11 5.5 235°.68 7°.9/29.6 18

9 28	3 8.94	− 5 22.4	2.207	3.016	13.1	20.8
10 8	3 4.60	− 6 43.5	2.130	3.005	10.9	20.6
10 18	2 58.27	− 8 0.2	2.076	2.993	8.9	20.5
10 28	2 50.46	− 9 5.4	2.048	2.981	7.9	20.4
11 7	2 41.94	− 9 52.6	2.047	2.969	8.5	20.4
11 17	2 33.59	−10 17.4	2.073	2.956	10.3	20.5
11 27	2 26.27	−10 17.8	2.123	2.942	12.6	20.6
12 7	2 20.64	− 9 54.7	2.195	2.928	14.9	20.8

362846 2012 BS_{25} 11 5.5 289°.50 7°.0/31.9 18

9 28	3 10.18	− 2 6.9	1.961	2.779	14.3	20.4
10 8	3 5.92	− 2 52.9	1.874	2.760	11.6	20.2
10 18	2 59.36	− 3 35.1	1.808	2.741	9.0	20.0
10 28	2 51.05	− 4 7.2	1.768	2.723	7.2	19.8
11 7	2 41.83	− 4 23.4	1.754	2.704	7.5	19.8
11 17	2 32.71	− 4 19.7	1.767	2.685	9.7	19.9
11 27	2 24.72	− 3 54.2	1.806	2.666	12.6	20.1
12 7	2 18.66	− 3 7.9	1.867	2.648	15.5	20.2

301189 2008 YS_{152} 11 5.5 290°.28 0°.0/ 5.4 18

9 28	3 8.78	+18 12.6	1.753	2.564	16.0	20.7
10 8	3 5.24	+17 48.7	1.662	2.552	12.6	20.5
10 18	2 59.11	+17 12.2	1.592	2.541	8.6	20.2
10 28	2 50.99	+16 25.2	1.546	2.530	4.1	19.9
11 7	2 41.85	+15 31.5	1.528	2.518	0.7	19.7
11 17	2 32.85	+14 36.8	1.537	2.507	5.6	20.0
11 27	2 25.19	+13 47.8	1.573	2.496	10.1	20.2
12 7	2 19.74	+13 10.2	1.634	2.485	14.1	20.4

41449 2000 LN_{12} 11 5.5 92°.90 3°.5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.79	+ 9 30.4	1.659	2.480	16.3	19.0
10 8	3 7.97	+ 8 45.9	1.600	2.498	12.6	18.9
10 18	3 0.63	+ 7 56.6	1.563	2.515	8.5	18.7
10 28	2 51.54	+ 7 7.6	1.551	2.532	4.6	18.5
11 7	2 41.79	+ 6 24.6	1.567	2.549	3.9	18.5
11 17	2 32.53	+ 5 52.7	1.610	2.565	7.3	18.7
11 27	2 24.83	+ 5 36.0	1.680	2.581	11.1	19.0
12 7	2 19.41	+ 5 35.9	1.773	2.597	14.5	19.2

137954 2000 CK_{13} 11 5.5 354°.81 1°.4/ 3.6 18

9 28	3 0.01	+10 14.1	4.165	4.966	7.6	19.7
10 8	2 56.77	+ 9 49.2	4.078	4.965	5.9	19.6
10 18	2 52.55	+ 9 22.1	4.016	4.965	3.9	19.5
10 28	2 47.65	+ 8 54.5	3.983	4.964	2.0	19.3
11 7	2 42.46	+ 8 28.3	3.981	4.964	1.6	19.3
11 17	2 37.35	+ 8 5.5	4.009	4.964	3.3	19.4
11 27	2 32.73	+ 7 47.8	4.067	4.964	5.2	19.6
12 7	2 28.92	+ 7 36.6	4.152	4.963	7.0	19.7

109620 2001 QF_{294} 11 5.5 111°.32 1°.3/ 4.7 17

9 28	3 13.95	+14 44.7	1.725	2.534	16.3	20.7
10 8	3 8.89	+14 16.1	1.660	2.550	12.7	20.5
10 18	3 1.28	+13 38.7	1.616	2.566	8.5	20.3
10 28	2 51.86	+12 55.4	1.597	2.581	3.9	20.0
11 7	2 41.73	+12 11.0	1.607	2.596	1.7	19.9
11 17	2 32.06	+11 30.8	1.645	2.610	5.9	20.2
11 27	2 23.94	+10 59.8	1.710	2.624	10.1	20.5
12 7	2 18.11	+10 41.6	1.800	2.637	13.7	20.8

273218 2006 JS_{37} 11 5.5 304°.94 1°.8/ 3.9 18

9 28	3 5.31	+13 38.6	2.360	3.169	12.4	20.9
10 8	3 1.66	+12 47.4	2.275	3.167	9.6	20.7
10 18	2 56.21	+11 48.7	2.214	3.165	6.4	20.5
10 28	2 49.47	+10 45.7	2.180	3.163	3.1	20.3
11 7	2 42.15	+ 9 43.0	2.176	3.162	2.1	20.2
11 17	2 35.02	+ 8 45.5	2.201	3.160	5.2	20.4
11 27	2 28.85	+ 7 57.7	2.254	3.159	8.5	20.6
12 7	2 24.23	+ 7 22.8	2.333	3.157	11.4	20.8

343853 2011 HP_{45} 11 5.5 57°.99 8°.3/ 1.7 18

9 28	3 14.39	− 2 59.5	1.470	2.296	17.7	20.4
10 8	3 9.38	− 3 44.7	1.424	2.315	14.3	20.2
10 18	3 1.62	− 4 21.7	1.398	2.333	10.9	20.1
10 28	2 52.00	− 4 43.1	1.396	2.352	8.6	20.0
11 7	2 41.73	− 4 43.2	1.419	2.371	8.6	20.0
11 17	2 32.10	− 4 19.5	1.468	2.390	10.9	20.2
11 27	2 24.23	− 3 32.6	1.541	2.409	14.0	20.4
12 7	2 18.86	− 2 25.9	1.635	2.428	16.8	20.7

336620 2009 VA_{41} 11 5.5 113°.64 0°.3/ 5.3 18

9 28	3 10.27	+19 16.8	1.615	2.426	17.1	20.8
10 8	3 6.39	+18 28.8	1.540	2.431	13.4	20.5
10 18	2 59.81	+17 25.2	1.486	2.435	9.1	20.3
10 28	2 51.26	+16 9.4	1.456	2.440	4.2	20.0
11 7	2 41.85	+14 47.2	1.453	2.444	0.9	19.8
11 17	2 32.82	+13 26.6	1.479	2.448	5.9	20.2
11 27	2 25.36	+12 15.7	1.531	2.452	10.5	20.4
12 7	2 20.28	+11 20.6	1.608	2.456	14.5	20.7

60395 2000 AJ_{237} 11 5.5 283°.89 4°.1/ 9.1 18

9 28	3 8.63	+30 6.4	2.379	3.128	14.0	18.2
10 8	3 4.61	+30 18.3	2.280	3.120	11.6	18.0
10 18	2 58.43	+30 15.4	2.203	3.113	8.9	17.8
10 28	2 50.60	+29 56.2	2.150	3.105	6.1	17.6
11 7	2 41.95	+29 21.2	2.124	3.097	4.2	17.5
11 17	2 33.43	+28 33.1	2.128	3.090	5.1	17.5
11 27	2 25.99	+27 36.9	2.159	3.082	7.7	17.7
12 7	2 20.40	+26 38.8	2.218	3.075	10.7	17.8

520771 2014 SU_{145} 11 5.5 95°.19 4°.8/ 1.6 18

9 28	3 7.09	+ 2 43.9	2.284	3.101	12.5	21.7
10 8	3 3.01	+ 1 54.6	2.212	3.103	9.9	21.5
10 18	2 57.10	+ 1 5.8	2.163	3.105	7.2	21.4
10 28	2 49.90	+ 0 22.3	2.141	3.107	5.1	21.2
11 7	2 42.12	− 0 11.4	2.147	3.110	5.2	21.3
11 17	2 34.58	− 0 31.5	2.181	3.112	7.4	21.4
11 27	2 28.03	− 0 35.7	2.242	3.114	10.0	21.6
12 7	2 23.08	− 0 23.7	2.327	3.116	12.6	21.7

19921 1978 VV_{3} 11 5.5 265°.03 2°.1/ 4.1 18

9 28	3 10.09	+ 9 41.7	2.314	3.120	12.7	18.0
10 8	3 5.50	+ 9 32.9	2.221	3.110	10.0	17.8
10 18	2 58.90	+ 9 21.3	2.152	3.101	6.8	17.6
10 28	2 50.81	+ 9 9.3	2.109	3.091	3.4	17.4
11 7	2 41.96	+ 8 59.6	2.096	3.081	2.4	17.3
11 17	2 33.21	+ 8 55.1	2.112	3.071	5.4	17.5
11 27	2 25.45	+ 8 58.4	2.157	3.061	8.8	17.7
12 7	2 19.36	+ 9 11.2	2.227	3.052	11.9	17.9

112957 2002 RP_{13} 11 5.5 0.°36 2.°0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.66	+12 21.0	2.155	2.971	13.2	19.4
10 8	3 2.12	+11 43.8	2.075	2.970	10.3	19.2
10 18	2 56.63	+11 0.3	2.018	2.970	6.9	19.0
10 28	2 49.72	+10 13.8	1.987	2.970	3.4	18.8
11 7	2 42.17	+ 9 28.5	1.984	2.970	2.3	18.7
11 17	2 34.83	+ 8 49.0	2.010	2.970	5.5	18.9
11 27	2 28.53	+ 8 19.3	2.064	2.971	9.0	19.1
12 7	2 23.92	+ 8 2.2	2.142	2.972	12.1	19.3

408601 2013 MV_{11} 11 5.5 30.°71 8.°1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.32	− 1 46.9	1.980	2.809	13.7	20.0
10 8	3 1.09	− 4 2.6	1.925	2.816	11.2	19.9
10 18	2 55.90	− 6 16.0	1.896	2.824	9.0	19.7
10 28	2 49.35	− 8 17.7	1.893	2.832	8.1	19.7
11 7	2 42.25	− 9 58.9	1.917	2.840	8.9	19.8
11 17	2 35.45	−11 13.6	1.968	2.849	10.9	19.9
11 27	2 29.76	−11 58.8	2.043	2.858	13.2	20.1
12 7	2 25.79	−12 15.6	2.138	2.867	15.4	20.3

173546 2000 XZ_{18} 11 5.5 279.°55 4.°9/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.04	+26 40.3	1.482	2.272	19.4	19.8
10 8	3 10.37	+27 16.2	1.389	2.257	16.1	19.6
10 18	3 3.23	+27 35.6	1.313	2.242	12.1	19.3
10 28	2 53.21	+27 34.5	1.260	2.227	7.8	19.0
11 7	2 41.54	+27 11.9	1.232	2.213	4.9	18.8
11 17	2 29.85	+26 30.4	1.230	2.198	7.0	18.9
11 27	2 19.89	+25 37.8	1.253	2.183	11.4	19.1
12 7	2 12.94	+24 43.9	1.299	2.168	15.9	19.3

266983 Josepbosch 11 5.5 82.°08 4.°4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.01	+ 3 21.5	2.167	2.981	13.2	19.9
10 8	3 5.33	+ 2 53.5	2.099	2.989	10.4	19.7
10 18	2 58.69	+ 2 26.7	2.053	2.997	7.4	19.6
10 28	2 50.65	+ 2 5.0	2.034	3.005	4.9	19.4
11 7	2 42.03	+ 1 52.4	2.043	3.013	4.7	19.5
11 17	2 33.70	+ 1 51.8	2.081	3.020	7.0	19.6
11 27	2 26.48	+ 2 4.9	2.146	3.028	9.9	19.8
12 7	2 21.00	+ 2 31.8	2.235	3.036	12.6	20.0

400076 2006 SQ_{232} 11 5.5 85.°13 2.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.63	+22 54.4	1.938	2.725	15.5	21.8
10 8	3 6.36	+22 53.8	1.858	2.731	12.4	21.6
10 18	2 59.67	+22 39.9	1.799	2.736	8.8	21.4
10 28	2 51.21	+22 13.0	1.766	2.742	4.8	21.1
11 7	2 41.93	+21 35.2	1.760	2.748	2.0	21.0
11 17	2 32.94	+20 50.7	1.782	2.754	4.8	21.2
11 27	2 25.28	+20 5.3	1.833	2.759	8.7	21.4
12 7	2 19.75	+19 24.8	1.909	2.765	12.2	21.6

363686 2004 TV_{132} 11 5.5 56.°08 2.°2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.61	+26 31.0	2.041	2.818	15.2	20.3
10 8	3 3.81	+25 52.3	1.965	2.830	12.2	20.2
10 18	2 57.80	+24 56.3	1.910	2.842	8.7	20.0
10 28	2 50.26	+23 44.3	1.881	2.854	4.9	19.8
11 7	2 42.11	+22 20.3	1.879	2.866	2.2	19.6
11 17	2 34.34	+20 50.5	1.907	2.879	4.5	19.8
11 27	2 27.87	+19 22.3	1.964	2.891	8.1	20.0
12 7	2 23.35	+18 2.6	2.047	2.904	11.4	20.3

236147 2005 UG_{151} 11 5.5 212.°65 0.°2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.59	+16 59.9	1.737	2.541	16.3	20.8
10 8	3 8.98	+17 0.9	1.652	2.539	12.9	20.6
10 18	3 1.65	+16 52.5	1.589	2.536	8.8	20.3
10 28	2 52.22	+16 35.8	1.551	2.533	4.2	20.0
11 7	2 41.76	+16 13.2	1.540	2.530	0.7	19.8
11 17	2 31.50	+15 48.8	1.557	2.527	5.5	20.1
11 27	2 22.69	+15 27.8	1.602	2.524	10.0	20.4
12 7	2 16.24	+15 14.6	1.671	2.520	14.0	20.6

8562 1995 SK_{53} 11 5.5 45.°44 1.°6/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.74	+19 26.6	1.849	2.645	15.8	18.0
10 8	3 8.06	+19 52.8	1.777	2.656	12.5	17.8
10 18	3 0.85	+20 9.7	1.725	2.667	8.7	17.6
10 28	2 51.77	+20 16.8	1.699	2.678	4.5	17.4
11 7	2 41.85	+20 15.3	1.701	2.690	1.6	17.2
11 17	2 32.23	+20 7.8	1.731	2.702	4.9	17.5
11 27	2 24.02	+19 58.5	1.788	2.714	8.9	17.7
12 7	2 18.04	+19 51.9	1.871	2.726	12.4	18.0

209934 2006 BH_{157} 11 5.5 104.°13 4.°0/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.78	+ 8 54.7	1.519	2.339	17.6	21.0
10 8	3 11.20	+ 8 2.9	1.466	2.362	13.6	20.8
10 18	3 2.86	+ 7 6.5	1.434	2.385	9.3	20.6
10 28	2 52.62	+ 6 11.4	1.427	2.407	5.2	20.4
11 7	2 41.73	+ 5 24.1	1.448	2.428	4.5	20.4
11 17	2 31.49	+ 4 50.4	1.496	2.448	8.0	20.7
11 27	2 23.05	+ 4 34.2	1.570	2.468	11.9	21.0
12 7	2 17.15	+ 4 36.5	1.668	2.487	15.4	21.2

403482 2009 UP_{30} 11 5.5 28.°37 0.°1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.85	+16 43.3	1.848	2.660	15.2	21.0
10 8	3 4.15	+16 33.1	1.778	2.669	11.9	20.8
10 18	2 58.14	+16 13.8	1.729	2.679	8.0	20.6
10 28	2 50.48	+15 47.4	1.706	2.689	3.7	20.4
11 7	2 42.09	+15 17.1	1.710	2.700	0.7	20.1
11 17	2 34.02	+14 47.3	1.741	2.711	5.1	20.5
11 27	2 27.26	+14 22.5	1.801	2.723	9.1	20.8
12 7	2 22.52	+14 6.6	1.884	2.735	12.5	21.0

128149 2003 QX_{71} 11 5.5 173.°78 2.°5/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.70	+27 22.6	2.549	3.307	13.0	19.8
10 8	3 3.54	+26 59.2	2.456	3.308	10.5	19.6
10 18	2 57.51	+26 21.4	2.386	3.309	7.7	19.4
10 28	2 50.13	+25 29.6	2.342	3.310	4.6	19.2
11 7	2 42.15	+24 26.1	2.326	3.310	2.5	19.1
11 17	2 34.40	+23 14.9	2.341	3.310	4.0	19.2
11 27	2 27.67	+22 1.5	2.386	3.311	7.0	19.4
12 7	2 22.57	+20 51.6	2.458	3.311	9.9	19.6

45639 2000 EP_{20} 11 5.5 252.°26 4.°9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.07	+ 4 44.2	2.441	3.258	11.8	18.6
10 8	3 1.40	+ 3 8.0	2.359	3.252	9.3	18.4
10 18	2 56.03	+ 1 28.3	2.302	3.245	6.7	18.3
10 28	2 49.44	− 0 9.0	2.273	3.238	5.0	18.2
11 7	2 42.27	− 1 37.5	2.274	3.231	5.4	18.2
11 17	2 35.28	− 2 51.3	2.304	3.224	7.6	18.3
11 27	2 29.16	− 3 46.3	2.361	3.216	10.2	18.5
12 7	2 24.51	− 4 21.0	2.441	3.209	12.7	18.6

487807 2015 SO_{13} 11 5.5 336.°19 0.°1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.96	+19 4.0	1.882	2.687	15.2	21.4
10 8	3 4.32	+18 33.2	1.798	2.686	12.0	21.1
10 18	2 58.34	+17 49.8	1.736	2.684	8.2	20.9
10 28	2 50.61	+16 56.0	1.699	2.682	3.9	20.7
11 7	2 42.07	+15 55.9	1.690	2.681	0.6	20.4
11 17	2 33.78	+14 55.3	1.709	2.680	5.1	20.7
11 27	2 26.76	+14 0.4	1.756	2.678	9.3	21.0
12 7	2 21.77	+13 16.5	1.828	2.677	12.9	21.2

333994 2000 SR_{295} 11 5.5 18.°96 4.°5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.17	+22 45.0	1.101	1.931	22.2	18.6
10 8	3 8.45	+23 48.5	1.047	1.941	17.9	18.4
10 18	3 1.94	+24 36.1	1.009	1.953	13.0	18.1
10 28	2 52.51	+25 4.3	0.992	1.967	7.8	17.9
11 7	2 41.75	+25 12.3	0.997	1.982	4.5	17.8
11 17	2 31.54	+25 3.7	1.027	1.999	7.3	18.0
11 27	2 23.63	+24 45.8	1.079	2.017	12.0	18.3
12 7	2 19.11	+24 27.3	1.153	2.036	16.4	18.6

443842 2001 FA_{24} 11 5.5 139.°60 2.°9/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.21	+27 15.5	2.883	3.618	12.1	22.6
10 8	3 9.05	+27 27.9	2.801	3.636	9.8	22.5
10 18	3 1.05	+27 29.0	2.741	3.653	7.3	22.3
10 28	2 51.75	+27 17.9	2.709	3.669	4.6	22.2
11 7	2 41.89	+26 55.4	2.706	3.685	2.9	22.1
11 17	2 32.29	+26 23.8	2.736	3.699	4.0	22.2
11 27	2 23.72	+25 46.8	2.796	3.712	6.5	22.4
12 7	2 16.79	+25 9.0	2.884	3.725	9.0	22.6

349963 2010 DV_{31} 11 5.5 180.°54 9.°1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.20	−14 24.2	2.432	3.199	13.3	20.7
10 8	3 10.67	−15 7.3	2.367	3.200	11.5	20.6
10 18	3 2.16	−15 38.2	2.324	3.201	9.9	20.5
10 28	2 52.27	−15 51.0	2.307	3.201	9.1	20.5
11 7	2 41.82	−15 41.3	2.317	3.201	9.4	20.5
11 17	2 31.69	−15 7.7	2.354	3.200	10.7	20.6
11 27	2 22.74	−14 10.8	2.417	3.198	12.4	20.7
12 7	2 15.58	−12 54.0	2.502	3.196	14.2	20.8

180217 2003 UL_{23} 11 5.5 40.°74 1.°1/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.53	+18 33.0	1.102	1.938	21.8	19.8
10 8	3 9.97	+18 44.5	1.051	1.953	17.2	19.6
10 18	3 2.72	+18 41.7	1.017	1.970	11.8	19.3
10 28	2 52.78	+18 25.4	1.004	1.987	5.8	19.1
11 7	2 41.75	+17 59.3	1.015	2.006	1.2	18.8
11 17	2 31.44	+17 29.5	1.051	2.024	6.8	19.2
11 27	2 23.44	+17 3.6	1.110	2.044	12.2	19.6
12 7	2 18.72	+16 48.0	1.191	2.064	16.8	19.9

509423 2007 ED_{51} 11 5.6 215.°08 0.°3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.16	+17 20.8	1.919	2.719	15.2	22.8
10 8	3 7.62	+16 58.6	1.829	2.714	12.0	22.6
10 18	3 0.61	+16 25.8	1.761	2.707	8.1	22.4
10 28	2 51.73	+15 44.2	1.718	2.701	3.8	22.1
11 7	2 41.93	+14 57.3	1.703	2.694	0.8	21.8
11 17	2 32.30	+14 10.1	1.718	2.686	5.3	22.2
11 27	2 23.96	+13 28.4	1.760	2.678	9.6	22.4
12 7	2 17.73	+12 56.9	1.828	2.670	13.3	22.6

75758 2000 AK_{166} 11 5.6 350°.98 8°.2/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.43	− 0 21.2	1.592	2.431	16.0	19.1
10 8	3 3.34	− 1 57.1	1.528	2.428	13.0	18.9
10 18	2 57.76	− 3 31.6	1.486	2.425	10.0	18.7
10 28	2 50.37	− 4 55.2	1.468	2.424	8.3	18.6
11 7	2 42.18	− 5 59.1	1.476	2.422	8.9	18.7
11 17	2 34.29	− 6 36.7	1.508	2.421	11.4	18.8
11 27	2 27.78	− 6 45.3	1.564	2.420	14.5	19.0
12 7	2 23.43	− 6 26.0	1.639	2.420	17.3	19.2

234690 2002 GG_{110} 11 5.6 8°.37 7°.9/30.6 18

9 28	3 2.24	+ 6 15.7	1.209	2.072	18.5	18.2
10 8	3 0.72	+ 3 59.2	1.154	2.073	14.5	18.0
10 18	2 56.28	+ 1 35.2	1.120	2.076	10.6	17.8
10 28	2 49.73	− 0 43.2	1.109	2.080	8.0	17.7
11 7	2 42.29	− 2 41.6	1.123	2.085	8.9	17.7
11 17	2 35.30	− 4 8.9	1.160	2.091	12.3	18.0
11 27	2 29.99	− 4 59.3	1.219	2.099	16.1	18.2
12 7	2 27.17	− 5 13.3	1.297	2.107	19.5	18.5

451973 2014 NF_{29} 11 5.6 21°.52 2°.9/ 3.6 17

9 28	3 7.02	+10 23.4	1.782	2.609	15.1	21.4
10 8	3 3.55	+ 9 45.7	1.713	2.614	11.7	21.2
10 18	2 57.77	+ 9 2.6	1.666	2.620	7.9	21.0
10 28	2 50.35	+ 8 18.5	1.644	2.626	4.2	20.8
11 7	2 42.20	+ 7 38.5	1.649	2.633	3.3	20.7
11 17	2 34.37	+ 7 7.5	1.682	2.640	6.6	20.9
11 27	2 27.82	+ 6 49.5	1.741	2.648	10.4	21.2
12 7	2 23.29	+ 6 46.7	1.823	2.656	13.7	21.4

296580 2009 RT_{7} 11 5.6 74°.48 0°.3/ 5.3 18

9 28	3 9.26	+18 4.7	2.131	2.929	14.0	21.1
10 8	3 4.77	+17 25.9	2.070	2.953	10.8	20.9
10 18	2 58.29	+16 37.2	2.031	2.977	7.3	20.7
10 28	2 50.48	+15 41.2	2.018	3.001	3.3	20.5
11 7	2 42.19	+14 42.4	2.035	3.025	0.7	20.4
11 17	2 34.31	+13 45.5	2.081	3.049	4.6	20.7
11 27	2 27.66	+12 55.6	2.156	3.073	8.1	21.0
12 7	2 22.81	+12 16.5	2.257	3.096	11.2	21.2

187494 2006 SP_{290} 11 5.6 278°.22 0°.3/ 5.4 18

9 28	3 10.15	+18 33.0	1.501	2.319	17.8	20.4
10 8	3 6.82	+17 58.9	1.413	2.307	14.2	20.2
10 18	3 0.50	+17 9.3	1.345	2.296	9.7	19.9
10 28	2 51.83	+16 6.2	1.300	2.284	4.6	19.6
11 7	2 41.95	+14 55.1	1.282	2.272	1.0	19.3
11 17	2 32.25	+13 43.5	1.290	2.260	6.4	19.6
11 27	2 24.11	+12 40.2	1.325	2.249	11.5	19.9
12 7	2 18.56	+11 52.2	1.382	2.237	16.0	20.1

231229 2005 WE_{196} 11 5.6 112°.47 3°.9/ 3.2 18

9 28	3 13.34	+ 7 6.6	1.758	2.576	15.6	20.7
10 8	3 8.41	+ 6 33.8	1.692	2.587	12.2	20.5
10 18	3 1.01	+ 5 58.8	1.648	2.597	8.4	20.3
10 28	2 51.87	+ 5 26.2	1.630	2.608	4.9	20.2
11 7	2 41.99	+ 5 0.8	1.639	2.617	4.3	20.1
11 17	2 32.50	+ 4 47.0	1.676	2.627	7.4	20.4
11 27	2 24.45	+ 4 47.6	1.740	2.636	11.0	20.6
12 7	2 18.60	+ 5 3.5	1.827	2.645	14.3	20.8

316964 2001 FD_{71} 11 5.6 174°.62 1°.4/ 4.2 18

9 28	3 7.62	+12 8.7	2.982	3.777	10.4	21.3
10 8	3 3.06	+11 43.2	2.896	3.779	8.1	21.2
10 18	2 57.00	+11 13.4	2.834	3.781	5.4	21.0
10 28	2 49.90	+10 41.5	2.800	3.783	2.6	20.8
11 7	2 42.32	+10 10.2	2.797	3.784	1.7	20.7
11 17	2 34.89	+ 9 42.3	2.825	3.784	4.2	20.9
11 27	2 28.23	+ 9 20.6	2.882	3.785	6.9	21.1
12 7	2 22.86	+ 9 7.1	2.967	3.784	9.4	21.3

396361 2014 DD_{89} 11 5.6 101°.86 2°.2/ 6.9 18

9 28	3 15.60	+21 57.4	2.031	2.808	15.2	20.8
10 8	3 10.08	+22 22.2	1.958	2.823	12.2	20.6
10 18	3 2.13	+22 36.2	1.906	2.839	8.6	20.5
10 28	2 52.40	+22 38.7	1.880	2.855	4.8	20.3
11 7	2 41.90	+22 30.6	1.883	2.870	2.2	20.1
11 17	2 31.72	+22 14.5	1.915	2.884	4.7	20.3
11 27	2 22.93	+21 54.8	1.976	2.899	8.4	20.6
12 7	2 16.30	+21 36.5	2.063	2.913	11.7	20.8

485885 2012 FW_{40} 11 5.6 202°.97 3°.5/ 8.5 17

9 28	3 11.29	+27 59.3	2.608	3.355	13.0	22.4
10 8	3 6.47	+28 20.9	2.511	3.352	10.7	22.2
10 18	2 59.62	+28 30.6	2.436	3.349	8.0	22.0
10 28	2 51.24	+28 27.0	2.387	3.345	5.3	21.8
11 7	2 42.09	+28 10.4	2.366	3.342	3.5	21.7
11 17	2 33.04	+27 42.7	2.375	3.338	4.6	21.8
11 27	2 24.99	+27 7.7	2.414	3.334	7.2	22.0
12 7	2 18.64	+26 30.5	2.479	3.329	9.9	22.1

41199 Wakanaootaki 11 5.6 7°.86 13°.8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.65	− 4 19.2	0.994	1.874	20.2	16.6
10 8	2 57.59	− 7 9.0	0.959	1.876	17.0	16.4
10 18	2 54.37	− 9 49.1	0.943	1.881	14.5	16.3
10 28	2 48.89	−12 1.2	0.947	1.888	13.8	16.3
11 7	2 42.50	−13 30.9	0.972	1.897	15.1	16.4
11 17	2 36.63	−14 10.8	1.015	1.908	17.6	16.6
11 27	2 32.57	−14 1.4	1.076	1.921	20.4	16.8
12 7	2 31.11	−13 9.8	1.152	1.937	23.0	17.0

388612 2007 RM_{308} 11 5.6 57°.94 0°.9/ 4.9 16

9 28	3 10.14	+16 1.1	1.646	2.463	16.6	21.7
10 8	3 6.21	+15 33.2	1.578	2.472	12.9	21.5
10 18	2 59.68	+14 54.8	1.530	2.482	8.7	21.3
10 28	2 51.29	+14 9.0	1.508	2.492	4.0	21.0
11 7	2 42.10	+13 20.6	1.512	2.502	1.3	20.9
11 17	2 33.30	+12 35.2	1.544	2.512	5.8	21.2
11 27	2 26.01	+11 58.8	1.603	2.523	10.2	21.5
12 7	2 21.00	+11 35.3	1.685	2.533	13.9	21.7

349967 2010 ET_{7} 11 5.6 208°.68 0°.6/ 6.1 18

9 28	3 10.28	+21 24.3	2.305	3.086	13.5	21.6
10 8	3 5.75	+20 44.7	2.208	3.080	10.7	21.4
10 18	2 59.13	+19 52.0	2.134	3.074	7.4	21.2
10 28	2 51.00	+18 47.7	2.087	3.067	3.7	21.0
11 7	2 42.15	+17 35.5	2.069	3.059	0.7	20.7
11 17	2 33.48	+16 20.4	2.082	3.051	4.4	21.0
11 27	2 25.90	+15 8.8	2.124	3.043	8.1	21.2
12 7	2 20.10	+14 6.0	2.193	3.033	11.4	21.4

490549 2009 VP_{84} 11 5.6 348°.45 2°.5/ 7.8 18

9 28	3 7.04	+25 56.4	2.218	2.993	14.2	21.1
10 8	3 3.40	+25 46.1	2.129	2.991	11.5	20.9
10 18	2 57.63	+25 21.4	2.060	2.989	8.3	20.7
10 28	2 50.31	+24 42.3	2.017	2.988	4.9	20.5
11 7	2 42.26	+23 51.1	2.002	2.987	2.6	20.4
11 17	2 34.41	+22 51.6	2.015	2.986	4.4	20.5
11 27	2 27.67	+21 49.8	2.057	2.985	7.8	20.7
12 7	2 22.76	+20 51.6	2.125	2.984	11.0	20.9

23080 1999 XH_{100} 11 5.6 135°.13 4°.2/ 2.8 18

9 28	3 12.97	+ 4 11.8	2.174	2.981	13.4	17.7
10 8	3 7.63	+ 3 42.4	2.105	2.992	10.5	17.6
10 18	3 0.26	+ 3 13.4	2.059	3.002	7.4	17.4
10 28	2 51.47	+ 2 48.8	2.040	3.012	4.8	17.3
11 7	2 42.08	+ 2 32.6	2.050	3.022	4.5	17.3
11 17	2 33.01	+ 2 27.7	2.090	3.031	6.9	17.4
11 27	2 25.11	+ 2 36.2	2.157	3.040	9.9	17.6
12 7	2 19.01	+ 2 58.4	2.249	3.048	12.6	17.8

213335 2001 SJ_{166} 11 5.6 85°.25 0°.9/ 4.9 18

9 28	3 10.45	+15 46.7	1.967	2.772	14.7	21.0
10 8	3 5.93	+15 15.8	1.901	2.789	11.4	20.8
10 18	2 59.23	+14 36.2	1.858	2.807	7.6	20.6
10 28	2 51.01	+13 50.7	1.840	2.824	3.5	20.4
11 7	2 42.19	+13 3.4	1.851	2.841	1.3	20.3
11 17	2 33.76	+12 19.3	1.891	2.858	5.1	20.6
11 27	2 26.63	+11 43.0	1.959	2.874	8.9	20.9
12 7	2 21.46	+11 18.0	2.052	2.891	12.2	21.1

415568 2014 QX_{244} 11 5.6 130°.05 1°.1/ 4.8 18

9 28	3 10.40	+12 44.6	2.333	3.133	12.8	20.7
10 8	3 5.68	+12 40.3	2.251	3.136	10.0	20.5
10 18	2 59.02	+12 31.4	2.192	3.140	6.7	20.3
10 28	2 50.94	+12 19.7	2.160	3.143	3.2	20.1
11 7	2 42.20	+12 7.7	2.157	3.146	1.4	19.9
11 17	2 33.65	+11 58.1	2.184	3.149	4.7	20.2
11 27	2 26.14	+11 53.8	2.240	3.152	8.1	20.4
12 7	2 20.30	+11 57.0	2.322	3.154	11.2	20.6

109538 2001 QV_{250} 11 5.6 75°.73 3°.3/ 3.5 18

9 28	3 13.23	+ 8 1.4	1.889	2.702	14.9	19.5
10 8	3 7.97	+ 7 33.6	1.836	2.728	11.5	19.3
10 18	3 0.51	+ 7 3.6	1.805	2.754	7.8	19.1
10 28	2 51.57	+ 6 35.4	1.801	2.780	4.3	19.0
11 7	2 42.12	+ 6 13.1	1.825	2.806	3.6	19.0
11 17	2 33.15	+ 6 0.2	1.878	2.831	6.5	19.2
11 27	2 25.60	+ 5 59.3	1.958	2.856	9.9	19.5
12 7	2 20.07	+ 6 11.4	2.062	2.881	12.9	19.7

401659 2013 GM_{111} 11 5.6 52°.66 5°.8/31.9 18

9 28	3 6.82	+ 1 26.2	2.048	2.871	13.5	20.1
10 8	3 3.00	+ 0 19.8	1.986	2.880	10.7	20.0
10 18	2 57.23	− 0 45.1	1.948	2.888	8.0	19.8
10 28	2 50.08	− 1 42.7	1.935	2.897	6.0	19.7
11 7	2 42.37	− 2 27.1	1.950	2.906	6.3	19.8
11 17	2 34.95	− 2 54.2	1.992	2.915	8.5	19.9
11 27	2 28.67	− 3 1.7	2.060	2.924	11.1	20.1
12 7	2 24.11	− 2 49.7	2.150	2.933	13.7	20.3

429773 2012 FU_4 11 5.6 305°.01 2°.6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.95	+22 34.5	1.336	2.148	20.0	22.0
10 8	3 9.50	+22 45.0	1.257	2.143	16.1	21.7
10 18	3 2.59	+22 38.8	1.195	2.139	11.5	21.4
10 28	2 52.94	+22 14.7	1.156	2.135	6.3	21.1
11 7	2 41.87	+21 34.7	1.142	2.130	2.6	20.9
11 17	2 31.04	+20 44.4	1.153	2.126	6.4	21.1
11 27	2 22.11	+19 52.5	1.190	2.123	11.6	21.4
12 7	2 16.23	+19 7.8	1.249	2.119	16.3	21.7

199811 2007 DD_{13} 11 5.6 201°.42 0°.4/ 5.3 18

9 28	3 12.37	+17 7.5	1.909	2.709	15.2	21.2
10 8	3 7.79	+16 41.6	1.822	2.707	12.0	21.0
10 18	3 0.74	+16 5.1	1.756	2.703	8.1	20.8
10 28	2 51.85	+15 19.8	1.716	2.699	3.8	20.5
11 7	2 42.06	+14 29.8	1.704	2.695	0.9	20.3
11 17	2 32.49	+13 40.1	1.722	2.690	5.4	20.6
11 27	2 24.23	+12 56.7	1.767	2.684	9.6	20.8
12 7	2 18.08	+12 24.1	1.838	2.678	13.3	21.0

268915 2007 CF_{23} 11 5.6 324°.41 4°.0/ 3.2 18

9 28	3 8.74	+10 15.2	1.374	2.214	18.0	20.4
10 8	3 5.76	+ 9 22.5	1.299	2.207	14.1	20.1
10 18	2 59.79	+ 8 21.3	1.243	2.200	9.7	19.8
10 28	2 51.52	+ 7 17.6	1.211	2.193	5.3	19.6
11 7	2 42.12	+ 6 19.4	1.204	2.187	4.6	19.5
11 17	2 32.97	+ 5 34.2	1.223	2.181	8.6	19.7
11 27	2 25.46	+ 5 8.3	1.266	2.175	13.2	20.0
12 7	2 20.55	+ 5 4.4	1.330	2.170	17.4	20.2

237578 2001 DX_{61} 11 5.6 141°.34 1°.7/ 6.9 18

9 28	3 13.01	+23 0.3	2.345	3.114	13.7	21.2
10 8	3 7.75	+22 54.5	2.264	3.126	10.9	21.0
10 18	3 0.41	+22 37.0	2.206	3.138	7.7	20.8
10 28	2 51.59	+22 8.2	2.174	3.149	4.2	20.7
11 7	2 42.13	+21 30.2	2.171	3.159	1.7	20.5
11 17	2 32.95	+20 46.5	2.199	3.169	4.2	20.7
11 27	2 24.94	+20 2.0	2.256	3.178	7.5	20.9
12 7	2 18.77	+19 21.4	2.341	3.187	10.6	21.1

487426 2014 QV_{423} 11 5.6 61°.52 0°.9/ 4.7 18

9 28	3 6.30	+16 18.6	2.255	3.059	13.1	21.0
10 8	3 2.57	+15 33.2	2.174	3.062	10.2	20.8
10 18	2 56.95	+14 38.4	2.116	3.066	6.8	20.6
10 28	2 49.97	+13 37.3	2.086	3.069	3.1	20.3
11 7	2 42.40	+12 34.3	2.084	3.073	1.3	20.2
11 17	2 35.06	+11 34.2	2.111	3.077	4.8	20.5
11 27	2 28.76	+10 42.1	2.167	3.080	8.3	20.7
12 7	2 24.12	+10 1.7	2.249	3.084	11.4	20.9

362506 2010 TQ_{77} 11 5.6 79°.52 0°.5/ 5.9 18

9 28	3 10.70	+18 12.6	2.036	2.833	14.5	21.6
10 8	3 6.25	+18 10.6	1.958	2.840	11.4	21.4
10 18	2 59.56	+17 59.4	1.903	2.847	7.8	21.2
10 28	2 51.24	+17 40.0	1.873	2.855	3.8	21.0
11 7	2 42.19	+17 15.1	1.872	2.862	0.7	20.8
11 17	2 33.39	+16 48.1	1.899	2.870	4.6	21.1
11 27	2 25.84	+16 23.4	1.955	2.877	8.5	21.3
12 7	2 20.24	+16 5.0	2.036	2.885	11.9	21.6

67390 2000 OU_{47} 11 5.6 41°.80 5°.9/ 2.7 18

9 28	3 10.85	+ 7 33.9	1.068	1.925	20.9	18.0
10 8	3 7.67	+ 6 28.4	1.024	1.939	16.3	17.8
10 18	3 1.05	+ 5 18.7	0.997	1.955	11.3	17.5
10 28	2 52.01	+ 4 13.8	0.992	1.972	6.8	17.4
11 7	2 42.08	+ 3 23.1	1.011	1.989	6.4	17.4
11 17	2 32.89	+ 2 54.1	1.053	2.007	10.3	17.7
11 27	2 25.87	+ 2 50.4	1.118	2.025	14.8	18.0
12 7	2 21.85	+ 3 11.6	1.202	2.044	18.8	18.3

37142 2000 VK_{41} 11 5.6 159°.80 1°.4/ 6.3 18 R

9 28	3 17.18	+19 39.4	1.621	2.418	17.7	19.4
10 8	3 12.05	+19 53.3	1.543	2.422	14.1	19.2
10 18	3 3.89	+19 55.7	1.484	2.426	9.8	18.9
10 28	2 53.41	+19 46.4	1.450	2.429	5.0	18.7
11 7	2 41.82	+19 27.0	1.443	2.432	1.5	18.4
11 17	2 30.53	+19 1.4	1.464	2.435	5.6	18.7
11 27	2 20.90	+18 35.4	1.512	2.437	10.3	19.0
12 7	2 13.93	+18 15.0	1.585	2.438	14.4	19.2

28064 1998 QX_{10} 11 5.6 345°.07 6°.0/ 1.2 18

9 28	3 6.79	+ 1 29.4	1.930	2.757	14.1	17.0
10 8	3 3.24	+ 0 33.3	1.858	2.753	11.2	16.8
10 18	2 57.55	− 0 21.6	1.807	2.750	8.3	16.7
10 28	2 50.31	− 1 9.4	1.782	2.746	6.2	16.5
11 7	2 42.35	− 1 44.2	1.784	2.743	6.4	16.5
11 17	2 34.62	− 2 1.5	1.813	2.741	8.8	16.7
11 27	2 28.04	− 1 59.0	1.867	2.739	11.7	16.9
12 7	2 23.29	− 1 36.7	1.943	2.737	14.5	17.0

66133 1998 SR_{127} 11 5.6 315°.15 4°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.53	+ 6 41.7	2.129	2.952	13.1	18.6
10 8	3 2.10	+ 5 37.4	2.048	2.946	10.3	18.4
10 18	2 56.71	+ 4 29.5	1.991	2.940	7.2	18.2
10 28	2 49.90	+ 3 23.0	1.960	2.934	4.7	18.0
11 7	2 42.43	+ 2 23.8	1.957	2.928	4.7	18.0
11 17	2 35.14	+ 1 37.0	1.982	2.923	7.3	18.1
11 27	2 28.87	+ 1 6.7	2.034	2.918	10.4	18.3
12 7	2 24.26	+ 0 54.4	2.110	2.912	13.2	18.5

246120 2007 JJ_3 11 5.6 105°.73 0°.2/ 5.5 18

9 28	3 12.88	+14 41.5	2.424	3.213	12.7	20.3
10 8	3 7.53	+14 55.8	2.344	3.223	9.9	20.1
10 18	3 0.23	+15 5.1	2.288	3.232	6.7	19.9
10 28	2 51.52	+15 10.4	2.260	3.242	3.1	19.7
11 7	2 42.18	+15 13.0	2.261	3.252	0.6	19.5
11 17	2 33.04	+15 14.9	2.293	3.261	4.2	19.8
11 27	2 24.96	+15 18.6	2.355	3.270	7.6	20.1
12 7	2 18.57	+15 26.6	2.443	3.279	10.6	20.3

33391 1999 CN_{51} 11 5.6 10°.03 6°.4/ 2.7 18

9 28	3 8.53	+ 6 8.1	1.011	1.876	21.2	17.0
10 8	3 6.31	+ 5 15.9	0.956	1.877	16.7	16.8
10 18	3 0.47	+ 4 20.5	0.919	1.879	11.8	16.5
10 28	2 51.91	+ 3 31.1	0.903	1.882	7.4	16.3
11 7	2 42.13	+ 2 56.9	0.908	1.886	7.0	16.3
11 17	2 32.88	+ 2 45.3	0.937	1.892	11.0	16.5
11 27	2 25.77	+ 2 59.8	0.986	1.899	15.8	16.8
12 7	2 21.82	+ 3 39.4	1.054	1.907	20.1	17.1

91693 1999 TN_{130} 11 5.6 298°.76 4°.2/ 8.5 18

9 28	3 11.88	+27 40.2	2.146	2.906	15.0	19.2
10 8	3 7.50	+28 15.8	2.051	2.900	12.4	19.0
10 18	3 0.66	+28 38.5	1.977	2.893	9.4	18.8
10 28	2 51.90	+28 46.1	1.928	2.887	6.3	18.6
11 7	2 42.13	+28 38.0	1.905	2.881	4.3	18.5
11 17	2 32.43	+28 16.1	1.912	2.875	5.5	18.5
11 27	2 23.92	+27 44.9	1.946	2.869	8.5	18.7
12 7	2 17.47	+27 10.3	2.006	2.863	11.6	18.9

156599 2002 GY_{76} 11 5.6 281°.63 2°.0/ 4.2 18

9 28	3 10.25	+10 19.1	2.186	2.994	13.3	19.6
10 8	3 5.74	+10 8.7	2.102	2.992	10.4	19.4
10 18	2 59.18	+ 9 54.9	2.042	2.991	7.0	19.1
10 28	2 51.09	+ 9 40.2	2.007	2.989	3.5	18.9
11 7	2 42.28	+ 9 27.6	2.002	2.988	2.3	18.8
11 17	2 33.65	+ 9 20.0	2.026	2.987	5.4	19.1
11 27	2 26.09	+ 9 20.3	2.078	2.985	8.9	19.3
12 7	2 20.29	+ 9 30.4	2.156	2.984	12.1	19.5

153394 2001 QQ_{100} 11 5.6 27°.06 3°.3/ 3.8 18

9 28	3 7.72	+12 24.2	1.150	2.002	20.0	19.3
10 8	3 5.18	+11 33.1	1.098	2.013	15.6	19.1
10 18	2 59.41	+10 31.9	1.065	2.025	10.4	18.8
10 28	2 51.30	+ 9 27.2	1.053	2.038	5.2	18.6
11 7	2 42.26	+ 8 27.5	1.066	2.052	3.8	18.6
11 17	2 33.81	+ 7 41.0	1.103	2.067	8.3	18.9
11 27	2 27.33	+ 7 13.9	1.163	2.083	13.2	19.2
12 7	2 23.66	+ 7 8.5	1.244	2.100	17.4	19.5

302677 2002 SH_{74} 11 5.6 9°.19 9°.3/30.2 18

9 28	3 4.95	− 1 16.6	1.404	2.253	17.2	20.3
10 8	3 2.47	− 2 59.2	1.350	2.254	14.0	20.1
10 18	2 57.34	− 4 38.2	1.317	2.257	11.0	20.0
10 28	2 50.29	− 6 3.1	1.307	2.261	9.3	19.9
11 7	2 42.42	− 7 4.0	1.321	2.265	10.0	19.9
11 17	2 34.95	− 7 34.7	1.359	2.271	12.5	20.1
11 27	2 29.01	− 7 33.0	1.418	2.277	15.5	20.3
12 7	2 25.37	− 7 1.4	1.497	2.284	18.4	20.5

508117 2015 DS_{218} 11 5.6 241°.13 4°.1/ 8.2 18

9 28	3 13.22	+27 18.5	1.565	2.349	18.7	21.1
10 8	3 9.35	+27 27.9	1.479	2.345	15.4	20.8
10 18	3 2.30	+27 18.0	1.412	2.341	11.4	20.6
10 28	2 52.78	+26 46.7	1.368	2.336	7.1	20.3
11 7	2 42.00	+25 55.3	1.349	2.332	4.1	20.2
11 17	2 31.45	+24 48.6	1.358	2.327	6.2	20.3
11 27	2 22.62	+23 35.6	1.392	2.323	10.5	20.5
12 7	2 16.56	+22 25.9	1.451	2.318	14.6	20.8

177625 2004 JD 11 5.6 317°.05 0°.2/ 5.4 18

9 28	3 7.03	+17 52.8	1.701	2.518	16.1	20.0
10 8	3 4.08	+17 28.5	1.608	2.502	12.8	19.8
10 18	2 58.53	+16 51.6	1.536	2.487	8.7	19.5
10 28	2 50.94	+16 4.0	1.488	2.472	4.1	19.2
11 7	2 42.30	+15 10.0	1.467	2.458	0.8	18.9
11 17	2 33.75	+14 15.4	1.473	2.444	5.7	19.2
11 27	2 26.51	+13 27.0	1.506	2.430	10.3	19.5
12 7	2 21.49	+12 50.6	1.562	2.417	14.4	19.7

114499 2003 AN_{70} 11 5.6 26°.71 5°.4/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.60	+24 50.6	1.251	2.058	21.3	19.0
10 8	3 11.83	+26 0.3	1.187	2.066	17.5	18.8
10 18	3 4.30	+26 54.7	1.140	2.074	13.0	18.5
10 28	2 53.80	+27 28.9	1.115	2.083	8.3	18.3
11 7	2 41.84	+27 40.9	1.113	2.094	5.4	18.2
11 17	2 30.27	+27 32.8	1.137	2.105	7.5	18.3
11 27	2 20.89	+27 11.8	1.185	2.116	11.8	18.6
12 7	2 14.87	+26 47.1	1.254	2.129	16.0	18.9

104228 2000 EG_{127} 11 5.6 77°.98 3°.3/ 3.3 18

9 28	3 10.13	+ 8 56.7	1.849	2.669	14.9	19.4
10 8	3 5.84	+ 8 16.7	1.783	2.679	11.6	19.2
10 18	2 59.29	+ 7 32.7	1.739	2.690	7.9	19.0
10 28	2 51.13	+ 6 49.3	1.721	2.701	4.4	18.8
11 7	2 42.30	+ 6 11.4	1.730	2.711	3.7	18.8
11 17	2 33.82	+ 5 43.7	1.768	2.722	6.8	19.0
11 27	2 26.66	+ 5 29.6	1.832	2.733	10.4	19.3
12 7	2 21.51	+ 5 30.9	1.921	2.743	13.6	19.5

171660 2000 JH_{13} 11 5.6 104°.50 0°.4/ 5.9 18

9 28	3 10.86	+18 23.2	2.010	2.807	14.7	20.4
10 8	3 6.42	+18 13.6	1.932	2.814	11.6	20.2
10 18	2 59.71	+17 54.2	1.876	2.821	7.9	20.0
10 28	2 51.36	+17 26.2	1.846	2.828	3.8	19.7
11 7	2 42.26	+16 52.6	1.844	2.834	0.6	19.5
11 17	2 33.43	+16 17.4	1.871	2.841	4.7	19.8
11 27	2 25.86	+15 45.4	1.926	2.847	8.6	20.1
12 7	2 20.27	+15 20.8	2.006	2.854	12.0	20.3

484944 2009 SM_{220} 11 5.6 45°.65 4°.2/ 2.3 18

9 28	3 6.83	+ 6 51.0	1.980	2.804	13.9	20.7
10 8	3 3.12	+ 5 54.1	1.915	2.813	10.8	20.5
10 18	2 57.38	+ 4 54.4	1.873	2.822	7.5	20.4
10 28	2 50.22	+ 3 57.2	1.857	2.832	4.7	20.2
11 7	2 42.46	+ 3 8.2	1.868	2.842	4.6	20.2
11 17	2 35.00	+ 2 31.9	1.908	2.852	7.2	20.4
11 27	2 28.72	+ 2 11.9	1.974	2.863	10.4	20.6
12 7	2 24.22	+ 2 9.1	2.064	2.873	13.2	20.8

296389 2009 FD_{68} 11 5.6 161°.99 0°.5/ 5.2 18

9 28	3 10.39	+15 50.8	1.952	2.758	14.8	21.1
10 8	3 6.16	+15 36.2	1.870	2.758	11.6	20.9
10 18	2 59.61	+15 13.2	1.810	2.758	7.8	20.6
10 28	2 51.34	+14 43.6	1.775	2.759	3.7	20.4
11 7	2 42.27	+14 10.9	1.769	2.759	1.0	20.2
11 17	2 33.41	+13 39.1	1.791	2.759	5.2	20.5
11 27	2 25.80	+13 12.9	1.841	2.759	9.2	20.7
12 7	2 20.18	+12 56.2	1.916	2.760	12.7	21.0

248178 2005 AH_{3} 11 5.6 9°.84 7°.2/ 2.2 17

9 28	3 6.67	+ 5 36.2	0.974	1.844	21.4	19.3
10 8	3 4.93	+ 4 29.2	0.922	1.845	16.9	19.1
10 18	2 59.57	+ 3 18.9	0.888	1.848	12.0	18.8
10 28	2 51.50	+ 2 15.9	0.874	1.852	8.0	18.6
11 7	2 42.25	+ 1 30.8	0.882	1.857	7.9	18.6
11 17	2 33.55	+ 1 11.8	0.911	1.864	11.7	18.9
11 27	2 26.99	+ 1 22.5	0.962	1.871	16.4	19.2
12 7	2 23.56	+ 2 1.2	1.030	1.880	20.6	19.5

112873 2002 QQ_{38} 11 5.6 348°.47 0°.5/ 5.9 18

9 28	3 10.14	+18 35.5	1.760	2.567	16.1	20.1
10 8	3 6.31	+18 29.6	1.678	2.565	12.7	19.9
10 18	2 59.89	+18 12.5	1.617	2.564	8.7	19.7
10 28	2 51.54	+17 45.6	1.580	2.562	4.3	19.4
11 7	2 42.24	+17 11.7	1.571	2.562	0.7	19.2
11 17	2 33.16	+16 35.4	1.589	2.561	5.2	19.5
11 27	2 25.46	+16 2.3	1.635	2.560	9.6	19.7
12 7	2 19.99	+15 37.4	1.705	2.560	13.5	20.0

334908 2003 XC_{7} 11 5.6 266°.40 14°.2/15.9 18

9 28	3 23.34	+52 5.4	1.925	2.540	20.6	20.5
10 8	3 18.91	+53 31.3	1.817	2.517	19.2	20.3
10 18	3 9.95	+54 33.2	1.723	2.492	17.6	20.1
10 28	2 56.91	+55 0.6	1.645	2.467	15.9	19.9
11 7	2 41.31	+54 44.4	1.587	2.442	14.6	19.8
11 17	2 25.50	+53 40.7	1.550	2.415	14.2	19.7
11 27	2 12.02	+51 53.9	1.536	2.388	14.9	19.7
12 7	2 2.67	+49 36.6	1.544	2.361	16.6	19.7

328009 2007 HK_{66} 11 5.6 158°.18 1°.6/ 4.0 18

9 28	3 6.61	+13 29.2	2.508	3.312	11.9	21.3
10 8	3 2.61	+12 42.3	2.426	3.314	9.3	21.1
10 18	2 56.90	+11 48.5	2.367	3.317	6.2	21.0
10 28	2 49.98	+10 51.1	2.336	3.319	3.0	20.8
11 7	2 42.53	+ 9 54.1	2.335	3.321	2.0	20.7
11 17	2 35.27	+ 9 1.9	2.363	3.323	4.9	20.9
11 27	2 28.93	+ 8 18.4	2.421	3.325	8.0	21.1
12 7	2 24.08	+ 7 46.7	2.504	3.326	10.8	21.3

317801 2003 ST_{206} 11 5.6 77°.77 3°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.69	+ 7 55.3	2.228	3.045	12.8	20.5
10 8	3 2.76	+ 6 49.9	2.163	3.058	9.9	20.3
10 18	2 57.01	+ 5 41.1	2.122	3.071	6.8	20.2
10 28	2 50.02	+ 4 33.8	2.108	3.084	4.2	20.0
11 7	2 42.53	+ 3 33.2	2.124	3.098	4.1	20.1
11 17	2 35.34	+ 2 44.2	2.168	3.111	6.5	20.2
11 27	2 29.19	+ 2 10.2	2.239	3.124	9.5	20.4
12 7	2 24.66	+ 1 52.8	2.335	3.137	12.1	20.7

409210 2003 WO_{50} 11 5.6 67°.42 3°.0/ 8.8 16

9 28	3 9.83	+30 49.5	2.245	2.992	14.8	20.7
10 8	3 5.32	+30 0.6	2.172	3.015	12.1	20.5
10 18	2 58.75	+28 52.6	2.121	3.037	8.9	20.3
10 28	2 50.81	+27 26.6	2.096	3.059	5.5	20.2
11 7	2 42.41	+25 46.6	2.099	3.081	3.1	20.1
11 17	2 34.49	+23 59.0	2.134	3.103	4.4	20.2
11 27	2 27.88	+22 11.5	2.198	3.125	7.4	20.4
12 7	2 23.16	+20 31.4	2.291	3.147	10.4	20.7

11116 1996 EK 11 5.6 168°.78 4°.2/ 2.7 18

9 28	3 14.70	+ 7 40.9	1.863	2.674	15.2	18.5
10 8	3 9.44	+ 6 40.6	1.789	2.679	11.9	18.3
10 18	3 1.76	+ 5 35.8	1.737	2.684	8.2	18.1
10 28	2 52.34	+ 4 32.0	1.712	2.688	5.0	17.9
11 7	2 42.15	+ 3 35.6	1.716	2.691	4.7	17.9
11 17	2 32.30	+ 2 52.1	1.748	2.693	7.7	18.1
11 27	2 23.82	+ 2 25.9	1.808	2.694	11.3	18.3
12 7	2 17.47	+ 2 18.5	1.891	2.694	14.5	18.6

184206 2004 PS_{83} 11 5.6 45°.32 5°.8/ 1.1 18

9 28	3 6.84	+ 2 31.4	1.955	2.782	14.0	19.3
10 8	3 3.15	+ 1 21.7	1.893	2.789	11.0	19.1
10 18	2 57.43	+ 0 12.2	1.854	2.797	8.1	18.9
10 28	2 50.26	− 0 50.4	1.841	2.805	6.0	18.8
11 7	2 42.50	− 1 40.3	1.855	2.814	6.3	18.9
11 17	2 35.05	− 2 12.6	1.896	2.822	8.5	19.0
11 27	2 28.77	− 2 24.7	1.962	2.831	11.4	19.2
12 7	2 24.28	− 2 16.7	2.051	2.840	14.0	19.4

518461 2005 JR_{4} 11 5.6 212°.02 6°.7/31.3 18

9 28	3 11.78	− 4 38.6	2.429	3.228	12.4	22.2
10 8	3 6.67	− 5 29.4	2.350	3.221	10.2	22.1
10 18	2 59.68	− 6 15.3	2.294	3.213	8.1	21.9
10 28	2 51.32	− 6 50.8	2.264	3.205	6.8	21.8
11 7	2 42.33	− 7 11.2	2.263	3.196	7.1	21.8
11 17	2 33.50	− 7 13.4	2.290	3.187	8.8	21.9
11 27	2 25.65	− 6 56.1	2.343	3.177	11.1	22.0
12 7	2 19.40	− 6 20.2	2.420	3.167	13.3	22.2

67500 2000 RM_{43} 11 5.6 76°.52 4°.3/ 8.3 18

9 28	3 14.97	+27 59.2	1.353	2.144	20.8	19.2
10 8	3 10.84	+28 2.0	1.290	2.159	17.0	19.0
10 18	3 3.27	+27 42.1	1.244	2.174	12.5	18.8
10 28	2 53.17	+26 58.0	1.221	2.190	7.7	18.6
11 7	2 42.04	+25 52.5	1.222	2.205	4.4	18.4
11 17	2 31.53	+24 32.9	1.249	2.220	6.5	18.6
11 27	2 23.15	+23 10.0	1.303	2.235	10.8	18.9
12 7	2 17.83	+21 54.2	1.379	2.250	15.0	19.2

486620 2013 LD_{8} 11 5.6 137°.62 1°.8/ 4.1 18

9 28	3 8.97	+11 24.8	2.527	3.328	11.9	21.8
10 8	3 4.39	+10 59.7	2.449	3.336	9.2	21.7
10 18	2 58.08	+10 30.4	2.395	3.343	6.2	21.5
10 28	2 50.54	+ 9 59.3	2.369	3.351	3.1	21.3
11 7	2 42.47	+ 9 29.7	2.372	3.358	2.0	21.2
11 17	2 34.61	+ 9 4.7	2.405	3.364	4.8	21.5
11 27	2 27.70	+ 8 47.4	2.467	3.371	7.9	21.7
12 7	2 22.30	+ 8 39.9	2.555	3.377	10.6	21.9

127150 2002 GH_{126} 11 5.6 64°.06 1°.4/ 4.4 18

9 28	3 6.95	+15 31.0	2.099	2.908	13.8	19.6
10 8	3 3.16	+14 36.6	2.029	2.920	10.7	19.4
10 18	2 57.38	+13 33.0	1.982	2.933	7.1	19.2
10 28	2 50.23	+12 24.0	1.961	2.945	3.3	19.0
11 7	2 42.52	+11 14.5	1.969	2.958	1.8	18.9
11 17	2 35.13	+10 10.2	2.007	2.970	5.2	19.2
11 27	2 28.89	+ 9 16.3	2.073	2.983	8.8	19.5
12 7	2 24.40	+ 8 36.1	2.163	2.996	11.9	19.7

308250 2005 GC_{60} 11 5.6 111°.06 9°.4/10.7 18

9 28	3 29.29	+36 26.8	1.741	2.448	19.8	20.0
10 8	3 22.24	+38 13.9	1.671	2.468	17.1	19.9
10 18	3 11.28	+39 42.0	1.620	2.486	14.1	19.7
10 28	2 57.15	+40 42.6	1.591	2.504	11.3	19.6
11 7	2 41.37	+41 9.9	1.588	2.522	9.5	19.5
11 17	2 25.87	+41 3.5	1.612	2.538	9.8	19.6
11 27	2 12.57	+40 30.1	1.663	2.555	11.8	19.8
12 7	2 2.75	+39 40.8	1.737	2.570	14.3	20.0

268734 2006 KR_{37} 11 5.6 244°.01 5°.1/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 7.23	− 0 24.8	2.727	3.534	11.0	21.5
10 8	3 3.00	− 1 14.7	2.639	3.521	8.8	21.3
10 18	2 57.15	− 2 2.9	2.575	3.508	6.7	21.2
10 28	2 50.13	− 2 45.1	2.539	3.495	5.2	21.1
11 7	2 42.53	− 3 17.0	2.531	3.481	5.5	21.1
11 17	2 35.03	− 3 35.3	2.553	3.467	7.3	21.2
11 27	2 28.32	− 3 38.0	2.601	3.453	9.5	21.3
12 7	2 22.95	− 3 24.8	2.673	3.438	11.8	21.4

197314 2003 WQ_{143} 11 5.6 324°.71 3°.9/ 8.7 17

9 28	3 9.23	+28 18.3	2.260	3.019	14.4	20.1
10 8	3 5.26	+28 37.0	2.167	3.015	11.9	19.9
10 18	2 59.04	+28 41.9	2.094	3.010	8.9	19.7
10 28	2 51.13	+28 31.5	2.046	3.006	5.9	19.5
11 7	2 42.36	+28 6.2	2.026	3.002	3.9	19.4
11 17	2 33.71	+27 28.6	2.034	2.998	5.0	19.4
11 27	2 26.20	+26 43.6	2.070	2.995	7.9	19.6
12 7	2 20.57	+25 57.0	2.132	2.991	11.0	19.8

91969 1999 VC_{92} 11 5.6 313°.39 2°.6/ 3.4 18

9 28	3 5.45	+12 34.3	1.945	2.766	14.2	18.7
10 8	3 2.38	+11 35.5	1.854	2.753	11.1	18.4
10 18	2 57.12	+10 27.4	1.786	2.740	7.5	18.2
10 28	2 50.23	+ 9 14.4	1.744	2.727	3.9	17.9
11 7	2 42.52	+ 8 2.4	1.730	2.714	3.0	17.9
11 17	2 34.94	+ 6 57.9	1.744	2.702	6.5	18.1
11 27	2 28.47	+ 6 6.7	1.785	2.690	10.3	18.3
12 7	2 23.84	+ 5 32.7	1.849	2.678	13.8	18.5

69347 1993 TM_{41} 11 5.6 319°.53 3°.4/ 2.6 18

9 28	3 5.10	+10 15.7	2.025	2.849	13.7	19.2
10 8	3 1.94	+ 9 6.3	1.940	2.840	10.6	19.0
10 18	2 56.73	+ 7 49.6	1.879	2.831	7.3	18.8
10 28	2 50.00	+ 6 30.7	1.843	2.823	4.2	18.6
11 7	2 42.56	+ 5 15.8	1.836	2.815	3.9	18.5
11 17	2 35.28	+ 4 11.3	1.857	2.807	6.9	18.7
11 27	2 29.07	+ 3 22.3	1.905	2.799	10.3	18.9
12 7	2 24.61	+ 2 51.8	1.977	2.792	13.5	19.1

378663 2008 GU_{106} 11 5.6 229°.20 2°.0/ 4.5 18

9 28	3 13.75	+12 35.7	1.645	2.461	16.6	21.1
10 8	3 9.30	+12 13.5	1.560	2.454	13.1	20.9
10 18	3 2.05	+11 43.8	1.496	2.448	8.9	20.6
10 28	2 52.63	+11 9.6	1.457	2.441	4.3	20.3
11 7	2 42.13	+10 35.4	1.446	2.434	2.4	20.2
11 17	2 31.80	+10 6.6	1.462	2.426	6.7	20.5
11 27	2 22.95	+ 9 48.1	1.505	2.418	11.2	20.7
12 7	2 16.51	+ 9 43.5	1.571	2.410	15.2	20.9

316778 1999 TT_{139} 11 5.6 343°.13 2°.4/ 7.1 17

9 28	3 11.36	+21 54.1	1.981	2.768	15.2	20.3
10 8	3 7.14	+22 23.0	1.893	2.765	12.2	20.1
10 18	3 0.44	+22 41.7	1.826	2.761	8.7	19.9
10 28	2 51.84	+22 49.3	1.783	2.758	5.0	19.7
11 7	2 42.26	+22 46.3	1.769	2.755	2.4	19.5
11 17	2 32.79	+22 34.8	1.783	2.753	4.9	19.7
11 27	2 24.56	+22 19.1	1.824	2.751	8.7	19.9
12 7	2 18.43	+22 4.0	1.891	2.749	12.2	20.1

155949 2001 QC_{75} 11 5.6 347°.17 1°.7/ 4.5 18

9 28	3 6.59	+16 4.5	1.324	2.162	18.7	18.8
10 8	3 4.27	+15 16.6	1.250	2.157	14.7	18.6
10 18	2 58.90	+14 13.6	1.195	2.152	9.9	18.3
10 28	2 51.21	+13 0.3	1.162	2.148	4.6	18.0
11 7	2 42.39	+11 43.9	1.155	2.144	2.2	17.8
11 17	2 33.87	+10 33.4	1.173	2.141	7.3	18.1
11 27	2 27.03	+ 9 37.5	1.216	2.139	12.4	18.4
12 7	2 22.84	+ 9 1.8	1.280	2.138	16.8	18.7

286787 2002 JL_{91} 11 5.6 145°.02 0°.1/ 5.7 18

9 28	3 7.35	+19 17.9	2.343	3.135	13.0	20.5
10 8	3 3.40	+18 42.0	2.258	3.137	10.2	20.3
10 18	2 57.56	+17 55.4	2.195	3.140	6.9	20.1
10 28	2 50.35	+17 0.2	2.159	3.142	3.3	19.9
11 7	2 42.54	+15 59.9	2.153	3.143	0.5	19.7
11 17	2 34.94	+14 59.2	2.176	3.145	4.3	20.0
11 27	2 28.37	+14 3.2	2.228	3.147	7.8	20.2
12 7	2 23.45	+13 16.4	2.307	3.149	10.9	20.4

37956 1998 HO_{53} 11 5.6 218°.28 0°.9/ 4.9 18

9 28	3 10.96	+15 53.6	1.935	2.739	14.9	19.8
10 8	3 6.69	+15 25.3	1.847	2.735	11.7	19.5
10 18	3 0.04	+14 47.3	1.781	2.730	7.9	19.3
10 28	2 51.62	+14 2.1	1.742	2.725	3.7	19.0
11 7	2 42.33	+13 13.6	1.730	2.720	1.3	18.8
11 17	2 33.23	+12 26.9	1.747	2.714	5.4	19.1
11 27	2 25.37	+11 47.5	1.792	2.708	9.6	19.4
12 7	2 19.54	+11 19.7	1.862	2.702	13.2	19.6

509895 2009 BT_{178} 11 5.6 206°.21 8°.9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 24.35	+51 18.1	3.217	3.782	13.6	23.1
10 8	3 17.35	+52 19.4	3.110	3.774	12.5	23.0
10 18	3 7.45	+53 3.3	3.020	3.765	11.3	22.9
10 28	2 55.24	+53 24.4	2.951	3.755	10.1	22.8
11 7	2 41.74	+53 19.2	2.906	3.745	9.2	22.7
11 17	2 28.24	+52 46.9	2.887	3.733	8.9	22.7
11 27	2 16.10	+51 50.6	2.894	3.721	9.4	22.7
12 7	2 6.35	+50 36.6	2.926	3.708	10.4	22.7

298221 2002 UD_{7} 11 5.6 353°.18 5°.4/ 2.8 18

9 28	3 11.38	+ 3 3.4	1.641	2.469	16.1	19.7
10 8	3 7.27	+ 2 39.1	1.569	2.466	12.8	19.5
10 18	3 0.55	+ 2 16.5	1.517	2.464	9.2	19.3
10 28	2 51.88	+ 2 1.0	1.490	2.463	6.1	19.1
11 7	2 42.31	+ 1 57.5	1.489	2.461	5.7	19.1
11 17	2 33.00	+ 2 9.5	1.515	2.461	8.6	19.2
11 27	2 25.11	+ 2 38.8	1.567	2.460	12.2	19.5
12 7	2 19.49	+ 3 24.8	1.640	2.460	15.6	19.7

77184 2001 FD_{9} 11 5.6 210°.00 1°.6/ 6.6 18

9 28	3 14.76	+20 18.5	2.153	2.932	14.4	19.8
10 8	3 9.57	+20 38.6	2.059	2.928	11.5	19.6
10 18	3 1.99	+20 49.9	1.987	2.924	8.1	19.4
10 28	2 52.57	+20 51.7	1.941	2.919	4.3	19.2
11 7	2 42.19	+20 44.8	1.924	2.913	1.6	19.0
11 17	2 31.91	+20 31.5	1.937	2.907	4.6	19.2
11 27	2 22.81	+20 15.8	1.979	2.901	8.4	19.4
12 7	2 15.70	+20 2.1	2.047	2.894	11.8	19.6

203224 2001 FU_{91} 11 5.6 276°.55 2°.3/ 6.9 18

9 28	3 13.99	+21 9.4	1.837	2.627	16.1	20.5
10 8	3 9.54	+21 37.3	1.741	2.614	13.0	20.3
10 18	3 2.30	+21 55.2	1.664	2.602	9.3	20.0
10 28	2 52.84	+22 1.7	1.613	2.589	5.2	19.7
11 7	2 42.14	+21 57.2	1.589	2.577	2.3	19.5
11 17	2 31.44	+21 43.8	1.593	2.564	5.3	19.7
11 27	2 22.06	+21 26.4	1.625	2.551	9.6	19.9
12 7	2 15.00	+21 10.3	1.682	2.538	13.5	20.1

509363 2007 BJ_{7} 11 5.6 224°.27 0°.9/ 6.2 18

9 28	3 13.63	+19 43.4	1.890	2.682	15.7	21.8
10 8	3 9.01	+19 38.1	1.797	2.675	12.5	21.6
10 18	3 1.76	+19 21.4	1.724	2.667	8.7	21.3
10 28	2 52.51	+18 53.6	1.677	2.658	4.4	21.0
11 7	2 42.21	+18 17.1	1.658	2.649	1.0	20.8
11 17	2 32.03	+17 36.3	1.668	2.639	5.1	21.0
11 27	2 23.17	+16 56.9	1.706	2.629	9.5	21.3
12 7	2 16.53	+16 24.4	1.769	2.618	13.3	21.5

408554 2013 KR_{9} 11 5.6 272°.32 0°.8/ 4.9 18

9 28	3 7.15	+17 9.8	2.145	2.949	13.7	21.2
10 8	3 3.49	+16 25.0	2.054	2.941	10.7	21.0
10 18	2 57.77	+15 29.3	1.985	2.934	7.2	20.8
10 28	2 50.52	+14 25.3	1.943	2.926	3.4	20.5
11 7	2 42.54	+13 17.7	1.929	2.919	1.1	20.3
11 17	2 34.72	+12 11.8	1.945	2.911	5.0	20.6
11 27	2 27.98	+11 13.4	1.989	2.904	8.8	20.8
12 7	2 22.99	+10 27.1	2.058	2.896	12.2	21.0

393788 2005 JG_{185} 11 5.6 67°.20 4°.2/ 3.2 18

9 28	3 12.63	+ 5 33.2	1.797	2.616	15.3	20.9
10 8	3 7.78	+ 5 7.5	1.739	2.633	12.0	20.7
10 18	3 0.59	+ 4 41.7	1.702	2.650	8.3	20.5
10 28	2 51.79	+ 4 20.0	1.692	2.668	5.0	20.4
11 7	2 42.35	+ 4 6.8	1.708	2.685	4.5	20.4
11 17	2 33.35	+ 4 5.4	1.753	2.702	7.3	20.6
11 27	2 25.76	+ 4 17.8	1.824	2.720	10.7	20.9
12 7	2 20.26	+ 4 44.3	1.919	2.737	13.8	21.1

487259 2014 PR_{34} 11 5.6 107°.42 2°.6/ 7.6 18

9 28	3 11.91	+24 23.2	2.340	3.107	13.7	21.7
10 8	3 7.05	+24 39.9	2.259	3.117	11.1	21.5
10 18	3 0.09	+24 45.3	2.200	3.127	8.0	21.4
10 28	2 51.59	+24 38.8	2.167	3.136	4.8	21.2
11 7	2 42.38	+24 21.4	2.162	3.146	2.6	21.0
11 17	2 33.39	+23 55.6	2.187	3.155	4.4	21.2
11 27	2 25.53	+23 25.7	2.240	3.164	7.5	21.4
12 7	2 19.51	+22 56.4	2.321	3.173	10.5	21.6

202169 2004 VD_{60} 11 5.6 73°.08 1°.3/ 6.4 18

9 28	3 15.30	+19 56.7	1.621	2.420	17.5	19.6
10 8	3 10.30	+20 3.2	1.560	2.442	13.9	19.4
10 18	3 2.52	+19 57.5	1.520	2.463	9.5	19.2
10 28	2 52.76	+19 40.1	1.504	2.484	4.8	19.0
11 7	2 42.21	+19 13.6	1.515	2.505	1.3	18.8
11 17	2 32.18	+18 42.7	1.555	2.526	5.3	19.1
11 27	2 23.86	+18 13.0	1.621	2.547	9.6	19.4
12 7	2 18.05	+17 49.9	1.712	2.568	13.4	19.7

304447 2006 UR_6 11 5.6 295.°45 0.°8/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.39	+13 4.3	1.901	2.707	15.1	20.2
10 8	3 8.85	+13 19.7	1.802	2.690	11.9	20.0
10 18	3 1.73	+13 31.0	1.725	2.674	8.1	19.7
10 28	2 52.54	+13 39.1	1.674	2.657	3.9	19.4
11 7	2 42.21	+13 45.9	1.650	2.640	1.1	19.2
11 17	2 31.86	+13 53.6	1.656	2.624	5.5	19.4
11 27	2 22.69	+14 5.3	1.689	2.607	9.9	19.7
12 7	2 15.64	+14 23.8	1.747	2.591	13.7	19.9

47604 2000 AF_{236} 11 5.6 223.°36 3.°9/ 8.8 18

9 28	3 10.59	+29 28.9	1.952	2.715	16.2	19.1
10 8	3 6.64	+29 23.1	1.863	2.713	13.4	18.9
10 18	3 0.12	+28 58.7	1.793	2.712	10.0	18.7
10 28	2 51.70	+28 14.5	1.748	2.710	6.5	18.5
11 7	2 42.37	+27 12.2	1.730	2.709	4.0	18.3
11 17	2 33.29	+25 56.6	1.740	2.707	5.3	18.4
11 27	2 25.60	+24 35.3	1.778	2.706	8.8	18.6
12 7	2 20.12	+23 16.3	1.841	2.704	12.2	18.8

46668 1996 HM_{10} 11 5.6 310.°98 1.°3/ 4.6 18

9 28	3 5.61	+18 2.8	1.613	2.435	16.6	18.4
10 8	3 3.19	+16 58.6	1.513	2.412	13.1	18.1
10 18	2 58.09	+15 36.3	1.435	2.388	8.9	17.8
10 28	2 50.86	+13 59.6	1.381	2.365	4.2	17.4
11 7	2 42.50	+12 15.2	1.353	2.343	1.8	17.2
11 17	2 34.19	+10 32.7	1.353	2.320	6.7	17.5
11 27	2 27.20	+ 9 2.1	1.380	2.298	11.6	17.7
12 7	2 22.50	+ 7 50.9	1.429	2.277	16.0	17.9

388435 2007 BP_{69} 11 5.6 276.°01 2.°2/ 4.3 18

9 28	3 11.13	+13 0.9	1.616	2.438	16.6	21.5
10 8	3 7.44	+12 27.8	1.524	2.422	13.1	21.2
10 18	3 0.94	+11 45.3	1.452	2.405	8.9	20.9
10 28	2 52.21	+10 56.9	1.405	2.389	4.4	20.6
11 7	2 42.28	+10 7.9	1.384	2.372	2.6	20.5
11 17	2 32.42	+ 9 24.5	1.391	2.355	7.0	20.7
11 27	2 23.94	+ 8 53.1	1.424	2.338	11.7	20.9
12 7	2 17.85	+ 8 37.9	1.479	2.321	15.9	21.1

130271 2000 DJ_{60} 11 5.6 228.°31 0.°5/ 5.2 17

9 28	3 7.62	+15 49.8	2.512	3.308	12.1	20.6
10 8	3 3.53	+15 29.0	2.421	3.304	9.5	20.4
10 18	2 57.64	+15 1.0	2.353	3.300	6.4	20.2
10 28	2 50.44	+14 27.8	2.313	3.296	3.0	20.0
11 7	2 42.61	+13 52.0	2.302	3.292	0.9	19.8
11 17	2 34.92	+13 17.2	2.321	3.288	4.3	20.1
11 27	2 28.13	+12 47.2	2.369	3.283	7.6	20.3
12 7	2 22.87	+12 25.0	2.443	3.279	10.6	20.5

26568 2000 ET_{49} 11 5.6 342.°21 3.°9/ 2.3 18

9 28	3 2.64	+11 16.7	1.744	2.580	15.0	17.1
10 8	3 0.41	+ 9 49.3	1.661	2.568	11.7	16.9
10 18	2 55.91	+ 8 11.1	1.601	2.557	8.0	16.6
10 28	2 49.72	+ 6 28.9	1.567	2.547	4.6	16.4
11 7	2 42.72	+ 4 51.0	1.560	2.538	4.5	16.4
11 17	2 35.91	+ 3 25.6	1.580	2.530	7.8	16.6
11 27	2 30.28	+ 2 19.8	1.626	2.523	11.6	16.8
12 7	2 26.59	+ 1 37.3	1.694	2.516	15.1	17.0

104045 2000 EC_{11} 11 5.6 134.°41 4.°5/ 2.3 18

9 28	3 10.00	+ 5 18.4	2.060	2.876	13.7	20.2
10 8	3 5.57	+ 4 26.3	1.990	2.883	10.8	20.0
10 18	2 59.07	+ 3 32.7	1.943	2.889	7.6	19.8
10 28	2 51.11	+ 2 42.6	1.923	2.895	4.9	19.6
11 7	2 42.53	+ 2 1.3	1.931	2.901	4.8	19.7
11 17	2 34.22	+ 1 33.1	1.967	2.907	7.4	19.8
11 27	2 27.08	+ 1 21.0	2.030	2.912	10.4	20.0
12 7	2 21.75	+ 1 25.7	2.117	2.917	13.3	20.2

375154 2008 CO_{43} 11 5.6 11.°48 4.°3/ 3.9 18

9 28	3 7.68	+ 8 56.7	0.946	1.815	22.0	19.5
10 8	3 5.92	+ 8 37.5	0.895	1.818	17.2	19.3
10 18	3 0.39	+ 8 13.7	0.860	1.822	11.8	19.0
10 28	2 52.02	+ 7 51.5	0.845	1.829	6.3	18.7
11 7	2 42.38	+ 7 37.9	0.851	1.837	4.7	18.7
11 17	2 33.31	+ 7 38.9	0.880	1.847	9.4	19.0
11 27	2 26.48	+ 7 58.3	0.931	1.858	14.7	19.3
12 7	2 22.93	+ 8 36.4	1.000	1.871	19.4	19.6

319020 2005 UN_{530} 11 5.6 80.°72 0.°7/ 6.3 18

9 28	3 8.38	+21 3.3	2.097	2.889	14.3	20.6
10 8	3 4.47	+20 34.4	2.016	2.894	11.3	20.4
10 18	2 58.42	+19 52.9	1.957	2.899	7.8	20.2
10 28	2 50.84	+19 0.4	1.924	2.905	3.9	20.0
11 7	2 42.58	+18 0.8	1.919	2.910	0.8	19.8
11 17	2 34.58	+16 58.8	1.944	2.915	4.5	20.1
11 27	2 27.77	+16 0.4	1.997	2.920	8.3	20.3
12 7	2 22.81	+15 10.8	2.076	2.926	11.6	20.5

394189 2006 SM_{10} 11 5.6 105.°40 1.°1/ 4.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.50	+16 30.8	2.080	2.880	14.2	21.5
10 8	3 5.90	+15 36.4	2.013	2.898	11.0	21.3
10 18	2 59.24	+14 32.0	1.968	2.916	7.3	21.1
10 28	2 51.16	+13 21.2	1.949	2.933	3.4	20.9
11 7	2 42.55	+12 9.1	1.961	2.950	1.5	20.8
11 17	2 34.31	+11 1.5	2.002	2.966	5.1	21.1
11 27	2 27.32	+10 3.7	2.072	2.982	8.8	21.4
12 7	2 22.19	+ 9 19.6	2.167	2.998	11.9	21.6

481709 2008 CU_{149} 11 5.6 241.°71 3.°8/ 2.4 18

9 28	3 7.93	+ 7 41.4	2.161	2.977	13.2	21.9
10 8	3 4.01	+ 6 42.1	2.076	2.970	10.3	21.7
10 18	2 58.10	+ 5 38.4	2.014	2.962	7.2	21.5
10 28	2 50.70	+ 4 35.0	1.979	2.955	4.4	21.3
11 7	2 42.61	+ 3 37.5	1.972	2.947	4.3	21.3
11 17	2 34.67	+ 2 51.0	1.994	2.938	6.9	21.5
11 27	2 27.76	+ 2 19.7	2.043	2.930	10.1	21.6
12 7	2 22.56	+ 2 5.5	2.117	2.922	13.1	21.8

311795 2006 UJ_{86} 11 5.6 319.°42 0.°5/ 5.9 18

9 28	3 10.20	+18 8.1	1.880	2.684	15.3	21.1
10 8	3 6.28	+18 7.9	1.793	2.678	12.1	20.8
10 18	2 59.90	+17 58.1	1.727	2.673	8.4	20.6
10 28	2 51.65	+17 39.4	1.686	2.668	4.1	20.3
11 7	2 42.45	+17 14.4	1.673	2.663	0.7	20.1
11 17	2 33.41	+16 46.8	1.688	2.659	5.0	20.4
11 27	2 25.63	+16 21.5	1.730	2.655	9.2	20.6
12 7	2 19.94	+16 3.2	1.797	2.650	12.9	20.8

81019 2000 EO_{40} 11 5.6 125.°16 4.°3/ 1.9 18

9 28	3 8.87	+ 6 35.0	2.134	2.949	13.3	19.3
10 8	3 4.58	+ 5 21.9	2.066	2.960	10.4	19.1
10 18	2 58.35	+ 4 5.6	2.023	2.970	7.3	18.9
10 28	2 50.76	+ 2 51.9	2.006	2.979	4.8	18.8
11 7	2 42.62	+ 1 46.5	2.019	2.988	4.8	18.8
11 17	2 34.77	+ 0 54.8	2.060	2.997	7.3	19.0
11 27	2 28.05	+ 0 20.3	2.128	3.006	10.2	19.2
12 7	2 23.05	+ 0 4.3	2.221	3.014	12.9	19.4

360558 2003 SV_{399} 11 5.6 83.°76 3.°1/ 3.4 14 C

9 28	3 12.41	+ 5 52.2	2.414	3.215	12.4	21.1
10 8	3 6.97	+ 5 37.4	2.355	3.240	9.6	20.9
10 18	2 59.76	+ 5 22.4	2.320	3.264	6.6	20.8
10 28	2 51.37	+ 5 10.3	2.313	3.288	3.9	20.7
11 7	2 42.54	+ 5 3.8	2.335	3.312	3.4	20.7
11 17	2 34.05	+ 5 5.2	2.387	3.336	5.7	20.9
11 27	2 26.65	+ 5 16.2	2.468	3.359	8.5	21.1
12 7	2 20.88	+ 5 37.2	2.575	3.382	11.0	21.3

50479 2000 DR_{74} 11 5.6 28.°96 0.°9/ 6.2 18

9 28	3 9.57	+20 2.0	1.647	2.456	16.9	18.1
10 8	3 6.01	+19 51.7	1.574	2.462	13.4	17.9
10 18	2 59.78	+19 28.1	1.521	2.467	9.2	17.7
10 28	2 51.58	+18 52.7	1.492	2.473	4.6	17.4
11 7	2 42.49	+18 9.0	1.489	2.480	1.0	17.2
11 17	2 33.72	+17 22.2	1.514	2.487	5.3	17.5
11 27	2 26.45	+16 38.8	1.566	2.494	9.7	17.8
12 7	2 21.50	+16 4.4	1.641	2.501	13.6	18.1

196444 2003 HQ_{37} 11 5.6 229.°03 1.°4/ 6.7 18 R

9 28	3 13.09	+21 58.9	2.110	2.889	14.7	21.3
10 8	3 8.38	+21 46.8	2.008	2.877	11.8	21.1
10 18	3 1.27	+21 21.8	1.928	2.865	8.3	20.9
10 28	2 52.31	+20 44.4	1.874	2.851	4.4	20.6
11 7	2 42.37	+19 56.6	1.848	2.837	1.4	20.4
11 17	2 32.53	+19 2.7	1.852	2.823	4.7	20.6
11 27	2 23.85	+18 8.6	1.885	2.807	8.7	20.8
12 7	2 17.18	+17 20.2	1.944	2.792	12.4	21.0

394527 2007 TT_{383} 11 5.6 321.°09 1.°1/ 4.7 18

9 28	3 7.07	+18 44.5	1.732	2.545	16.0	21.0
10 8	3 3.93	+17 31.2	1.647	2.540	12.6	20.8
10 18	2 58.33	+16 1.1	1.583	2.535	8.5	20.5
10 28	2 50.89	+14 18.7	1.546	2.530	3.9	20.2
11 7	2 42.61	+12 31.0	1.536	2.525	1.6	20.0
11 17	2 34.59	+10 47.0	1.554	2.521	6.1	20.3
11 27	2 27.92	+ 9 15.6	1.600	2.516	10.5	20.6
12 7	2 23.37	+ 8 3.2	1.671	2.512	14.4	20.8

489007 2005 VG_{31} 11 5.6 22.°24 1.°3/ 5.0 16

9 28	3 9.46	+14 5.9	1.081	1.932	21.1	20.7
10 8	3 6.91	+14 0.6	1.029	1.942	16.5	20.5
10 18	3 0.84	+13 45.4	0.995	1.954	11.1	20.2
10 28	2 52.17	+13 23.7	0.981	1.967	5.2	20.0
11 7	2 42.42	+13 0.5	0.991	1.981	1.8	19.8
11 17	2 33.26	+12 42.0	1.025	1.997	7.3	20.2
11 27	2 26.23	+12 34.0	1.082	2.014	12.7	20.5
12 7	2 22.27	+12 40.0	1.160	2.031	17.2	20.9

263080 2007 RU_{226} 11 5.6 318°.96 1°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.31	+11 6.2	4.406	5.202	7.3	21.3
10 8	2 57.08	+10 43.0	4.317	5.202	5.6	21.2
10 18	2 52.93	+10 17.5	4.254	5.201	3.8	21.1
10 28	2 48.14	+ 9 51.0	4.219	5.201	1.9	20.9
11 7	2 43.05	+ 9 25.6	4.215	5.200	1.3	20.9
11 17	2 38.05	+ 9 2.8	4.242	5.200	3.0	21.0
11 27	2 33.49	+ 8 44.5	4.299	5.199	4.9	21.2
12 7	2 29.71	+ 8 32.0	4.383	5.199	6.6	21.3

123976 2001 FV_{33} 11 5.6 166°.60 4°.4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.07	+32 24.6	2.675	3.400	13.2	19.9
10 8	3 6.37	+32 40.7	2.583	3.403	11.0	19.7
10 18	2 59.65	+32 42.5	2.511	3.406	8.6	19.5
10 28	2 51.44	+32 28.2	2.464	3.408	6.2	19.4
11 7	2 42.53	+31 58.2	2.445	3.410	4.5	19.3
11 17	2 33.78	+31 14.6	2.456	3.411	5.0	19.3
11 27	2 26.08	+30 22.0	2.495	3.413	7.1	19.5
12 7	2 20.10	+29 25.8	2.562	3.414	9.6	19.6

262588 2006 VZ_{95} 11 5.6 280°.80 0°.1/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.91	+19 18.5	2.106	2.902	14.2	21.3
10 8	3 5.18	+18 46.6	1.995	2.877	11.3	21.1
10 18	2 59.15	+18 1.9	1.906	2.851	7.8	20.8
10 28	2 51.34	+17 6.0	1.844	2.826	3.8	20.5
11 7	2 42.54	+16 2.3	1.809	2.800	0.6	20.2
11 17	2 33.73	+14 55.9	1.804	2.774	4.9	20.5
11 27	2 25.97	+13 53.4	1.827	2.747	9.1	20.7
12 7	2 20.07	+13 0.5	1.876	2.721	12.9	20.9

509854 2008 YF_{111} 11 5.7 97°.81 5°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.00	+ 2 4.2	1.811	2.623	15.5	21.0
10 8	3 10.43	+ 1 43.5	1.749	2.636	12.3	20.9
10 18	3 2.44	+ 1 25.7	1.708	2.650	8.8	20.7
10 28	2 52.74	+ 1 15.5	1.694	2.663	5.9	20.5
11 7	2 42.36	+ 1 16.9	1.707	2.676	5.5	20.5
11 17	2 32.40	+ 1 32.5	1.748	2.689	8.1	20.7
11 27	2 23.89	+ 2 3.5	1.817	2.702	11.3	21.0
12 7	2 17.57	+ 2 48.8	1.909	2.714	14.3	21.2

365435 2010 LA_{104} 11 5.7 78°.35 7°.1/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 18.70	+ 2 41.1	1.275	2.107	19.7	20.8
10 8	3 13.07	+ 1 37.9	1.238	2.136	15.5	20.7
10 18	3 4.35	+ 0 37.6	1.219	2.165	11.1	20.5
10 28	2 53.60	− 0 11.6	1.224	2.193	7.7	20.4
11 7	2 42.25	− 0 42.2	1.255	2.222	7.5	20.5
11 17	2 31.79	− 0 49.9	1.312	2.249	10.5	20.7
11 27	2 23.43	− 0 33.6	1.392	2.276	14.1	21.0
12 7	2 17.92	+ 0 4.4	1.493	2.303	17.4	21.3

372361 2009 HC_{47} 11 5.7 71°.83 1°.2/ 6.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 20.17	+18 35.5	1.310	2.120	20.4	21.2
10 8	3 14.63	+18 54.0	1.259	2.147	16.0	21.0
10 18	3 5.69	+19 0.2	1.227	2.173	11.0	20.8
10 28	2 54.35	+18 54.1	1.218	2.199	5.5	20.6
11 7	2 42.13	+18 38.1	1.235	2.225	1.3	20.4
11 17	2 30.66	+18 17.1	1.279	2.251	6.1	20.8
11 27	2 21.41	+17 57.4	1.349	2.276	11.0	21.1
12 7	2 15.24	+17 44.7	1.441	2.301	15.2	21.4

71799 2000 SE_{260} 11 5.7 262°.86 4°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.84	+ 8 11.2	1.405	2.237	18.2	19.7
10 8	3 9.72	+ 7 38.6	1.333	2.235	14.3	19.5
10 18	3 2.52	+ 7 1.8	1.281	2.234	9.9	19.2
10 28	2 52.98	+ 6 26.2	1.252	2.232	5.5	19.0
11 7	2 42.31	+ 5 57.8	1.249	2.231	4.6	18.9
11 17	2 31.96	+ 5 42.2	1.272	2.229	8.5	19.1
11 27	2 23.32	+ 5 43.7	1.320	2.228	13.0	19.4
12 7	2 17.36	+ 6 3.6	1.390	2.226	17.0	19.7

311763 2006 TV_{103} 11 5.7 314°.42 0°.7/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.38	+16 28.3	1.879	2.690	15.1	21.3
10 8	3 4.80	+15 59.8	1.794	2.685	11.8	21.0
10 18	2 58.86	+15 21.0	1.729	2.679	8.0	20.8
10 28	2 51.16	+14 34.3	1.691	2.674	3.7	20.5
11 7	2 42.60	+13 44.0	1.679	2.670	1.1	20.3
11 17	2 34.23	+12 55.2	1.697	2.665	5.4	20.6
11 27	2 27.09	+12 13.7	1.741	2.660	9.5	20.9
12 7	2 21.96	+11 43.9	1.810	2.656	13.2	21.1

485935 2012 HN_{9} 11 5.7 203°.97 3°.9/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.52	+ 2 50.5	2.949	3.752	10.3	22.2
10 8	3 3.09	+ 2 8.9	2.864	3.747	8.2	22.0
10 18	2 57.19	+ 1 27.4	2.803	3.742	5.9	21.9
10 28	2 50.22	+ 0 49.8	2.771	3.737	4.2	21.8
11 7	2 42.76	+ 0 19.3	2.768	3.731	4.2	21.7
11 17	2 35.42	− 0 1.0	2.795	3.724	6.0	21.9
11 27	2 28.83	− 0 9.0	2.851	3.718	8.3	22.0
12 7	2 23.49	− 0 4.0	2.931	3.711	10.5	22.1

368454 2003 QU_{23} 11 5.7 56°.78 2°.6/ 7.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.02	+23 59.0	1.205	2.020	21.5	20.7
10 8	3 10.29	+23 52.6	1.150	2.038	17.2	20.5
10 18	3 3.00	+23 25.6	1.113	2.056	12.2	20.2
10 28	2 53.16	+22 38.1	1.097	2.075	6.7	20.0
11 7	2 42.31	+21 34.8	1.106	2.094	2.6	19.8
11 17	2 32.18	+20 23.9	1.140	2.114	6.3	20.1
11 27	2 24.29	+19 15.7	1.199	2.134	11.4	20.4
12 7	2 19.53	+18 19.0	1.281	2.153	15.8	20.8

21172 1994 CK_{10} 11 5.7 320°.12 2°.5/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.01	+12 15.0	1.313	2.150	18.9	18.4
10 8	3 7.90	+11 53.5	1.235	2.141	14.9	18.1
10 18	3 1.54	+11 23.5	1.176	2.132	10.1	17.8
10 28	2 52.62	+10 48.9	1.140	2.124	5.0	17.5
11 7	2 42.37	+10 15.3	1.128	2.116	2.9	17.4
11 17	2 32.31	+ 9 49.0	1.142	2.108	7.7	17.7
11 27	2 23.99	+ 9 36.0	1.180	2.101	12.9	17.9
12 7	2 18.48	+ 9 39.8	1.240	2.095	17.5	18.2

75898 2000 CM_{45} 11 5.7 237°.47 5°.8/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.03	+34 9.7	2.179	2.908	15.7	19.9
10 8	3 8.60	+34 31.9	2.079	2.899	13.4	19.7
10 18	3 1.56	+34 36.2	1.999	2.890	10.6	19.5
10 28	2 52.50	+34 19.5	1.941	2.881	7.8	19.3
11 7	2 42.40	+33 41.0	1.910	2.871	6.0	19.2
11 17	2 32.41	+32 43.2	1.907	2.861	6.4	19.2
11 27	2 23.72	+31 32.0	1.933	2.851	8.8	19.3
12 7	2 17.23	+30 15.5	1.984	2.840	11.8	19.5

273597 2007 CC_{59} 11 5.7 305°.75 0°.2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.22	+19 10.0	1.482	2.301	18.0	20.5
10 8	3 6.17	+18 31.4	1.398	2.293	14.3	20.2
10 18	3 0.17	+17 36.1	1.335	2.286	9.8	20.0
10 28	2 51.90	+16 26.9	1.295	2.279	4.6	19.7
11 7	2 42.50	+15 9.5	1.281	2.271	0.8	19.4
11 17	2 33.32	+13 52.0	1.294	2.264	6.3	19.7
11 27	2 25.74	+12 43.2	1.332	2.258	11.3	20.0
12 7	2 20.70	+11 50.4	1.394	2.251	15.7	20.2

243547 2010 JU_{71} 11 5.7 122°.17 0°.0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.69	+17 19.6	1.878	2.680	15.4	21.1
10 8	3 7.32	+17 6.8	1.799	2.684	12.1	20.8
10 18	3 0.53	+16 44.2	1.741	2.688	8.2	20.6
10 28	2 51.94	+16 13.5	1.709	2.692	3.9	20.4
11 7	2 42.53	+15 37.8	1.705	2.696	0.6	20.1
11 17	2 33.38	+15 1.7	1.730	2.700	5.1	20.5
11 27	2 25.56	+14 30.3	1.782	2.704	9.2	20.7
12 7	2 19.85	+14 7.8	1.860	2.707	12.9	21.0

98890 2001 BH_{40} 11 5.7 199°.71 6°.9/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.31	− 2 33.5	1.997	2.806	14.3	19.3
10 8	3 8.29	− 3 17.0	1.923	2.804	11.7	19.1
10 18	3 1.03	− 3 55.6	1.872	2.802	9.0	18.9
10 28	2 52.14	− 4 23.3	1.847	2.800	7.1	18.8
11 7	2 42.50	− 4 35.0	1.849	2.797	7.3	18.8
11 17	2 33.11	− 4 27.4	1.878	2.794	9.3	18.9
11 27	2 24.94	− 3 59.4	1.934	2.791	12.1	19.1
12 7	2 18.72	− 3 12.4	2.012	2.787	14.7	19.3

45632 2000 DS_{106} 11 5.7 25°.12 6°.3/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.44	− 0 29.2	2.121	2.942	13.2	18.2
10 8	3 2.78	− 1 34.4	2.056	2.946	10.6	18.1
10 18	2 57.21	− 2 37.0	2.014	2.949	8.1	17.9
10 28	2 50.30	− 3 31.1	1.998	2.953	6.4	17.8
11 7	2 42.79	− 4 11.0	2.009	2.957	6.7	17.9
11 17	2 35.54	− 4 32.8	2.047	2.962	8.7	18.0
11 27	2 29.34	− 4 34.4	2.110	2.966	11.3	18.2
12 7	2 24.80	− 4 16.4	2.196	2.971	13.7	18.4

103956 2000 DR_{75} 11 5.7 159°.44 2°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.45	+11 18.9	2.360	3.162	12.6	20.7
10 8	3 5.73	+10 41.5	2.281	3.168	9.8	20.5
10 18	2 59.13	+ 9 59.0	2.225	3.174	6.6	20.3
10 28	2 51.19	+ 9 14.4	2.197	3.179	3.4	20.1
11 7	2 42.66	+ 8 31.9	2.198	3.183	2.4	20.1
11 17	2 34.36	+ 7 55.2	2.230	3.187	5.3	20.3
11 27	2 27.08	+ 7 28.2	2.290	3.190	8.6	20.5
12 7	2 21.45	+ 7 13.0	2.375	3.193	11.4	20.7

69308 1992 PK_{1} 11 5.7 16°.18 6°.7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.78	+29 26.1	1.146	1.954	22.9	18.0
10 8	3 8.52	+30 11.5	1.082	1.957	19.0	17.8
10 18	3 2.35	+30 33.2	1.033	1.962	14.6	17.6
10 28	2 53.10	+30 26.4	1.004	1.968	9.9	17.3
11 7	2 42.34	+29 50.6	0.998	1.974	6.8	17.2
11 17	2 32.03	+28 51.1	1.014	1.982	8.1	17.3
11 27	2 24.02	+27 38.9	1.054	1.991	12.3	17.5
12 7	2 19.48	+26 26.8	1.115	2.001	16.6	17.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
218168 2002 SF_7		11 5.7 51°.69 2°.0/ 6.6 18				
	h m	° ′			°	m
9 28	3 14.82	+20 36.8	1.295	2.111	20.3	20.4
10 8	3 10.76	+20 52.7	1.235	2.125	16.1	20.2
10 18	3 3.31	+20 54.0	1.194	2.140	11.2	19.9
10 28	2 53.35	+20 40.5	1.175	2.155	5.9	19.7
11 7	2 42.33	+20 14.7	1.182	2.171	2.0	19.5
11 17	2 31.86	+19 41.8	1.214	2.187	6.1	19.8
11 27	2 23.45	+19 9.3	1.272	2.203	11.1	20.1
12 7	2 18.04	+18 44.0	1.351	2.220	15.4	20.4
86231 1999 TU_{109}		11 5.7 134°.41 3°.7/ 8.7 18				
9 28	3 11.46	+28 20.5	2.340	3.092	14.1	19.0
10 8	3 6.89	+28 36.5	2.253	3.097	11.6	18.8
10 18	3 0.12	+28 38.8	2.187	3.101	8.7	18.7
10 28	2 51.73	+28 26.1	2.146	3.106	5.7	18.5
11 7	2 42.57	+27 59.1	2.133	3.110	3.7	18.4
11 17	2 33.61	+27 20.4	2.150	3.114	4.8	18.4
11 27	2 25.79	+26 34.8	2.195	3.118	7.6	18.6
12 7	2 19.85	+25 48.1	2.266	3.121	10.5	18.8
485295 2011 AZ_{31}		11 5.7 221°.98 4°.2/ 2.3 18				
9 28	3 8.83	+ 3 15.5	2.486	3.295	11.9	21.3
10 8	3 4.42	+ 2 42.4	2.404	3.291	9.4	21.1
10 18	2 58.23	+ 2 9.8	2.345	3.287	6.7	20.9
10 28	2 50.78	+ 1 41.5	2.314	3.283	4.6	20.8
11 7	2 42.73	+ 1 21.3	2.311	3.279	4.5	20.8
11 17	2 34.83	+ 1 12.2	2.338	3.274	6.6	20.9
11 27	2 27.83	+ 1 16.3	2.392	3.270	9.3	21.1
12 7	2 22.34	+ 1 34.1	2.471	3.265	11.8	21.3
105324 2000 QM_{81}		11 5.7 337°.86 1°.2/ 4.8 18				
9 28	3 8.42	+14 49.5	1.926	2.738	14.7	19.8
10 8	3 4.73	+14 22.1	1.843	2.735	11.5	19.6
10 18	2 58.77	+13 46.1	1.782	2.733	7.7	19.4
10 28	2 51.13	+13 4.3	1.747	2.731	3.6	19.1
11 7	2 42.68	+12 20.9	1.739	2.729	1.5	19.0
11 17	2 34.43	+11 40.5	1.760	2.727	5.5	19.3
11 27	2 27.38	+11 8.3	1.809	2.725	9.4	19.5
12 7	2 22.28	+10 47.8	1.881	2.724	13.0	19.7
83738 2001 TA_{126}		11 5.7 336°.55 6°.4/30.5 18				
9 28	3 3.58	+ 0 39.0	2.147	2.975	12.8	19.0
10 8	3 0.65	− 0 50.2	2.072	2.966	10.3	18.8
10 18	2 55.86	− 2 19.6	2.020	2.958	7.9	18.6
10 28	2 49.70	− 3 42.2	1.995	2.950	6.5	18.5
11 7	2 42.91	− 4 51.3	1.997	2.943	7.0	18.6
11 17	2 36.27	− 5 41.5	2.026	2.936	9.1	18.7
11 27	2 30.60	− 6 9.5	2.080	2.930	11.7	18.8
12 7	2 26.51	− 6 14.8	2.156	2.924	14.1	19.0
181521 2006 US_{101}		11 5.7 178°.95 2°.0/ 4.1 18				
9 28	3 9.31	+12 21.8	2.109	2.918	13.7	21.2
10 8	3 5.15	+11 45.2	2.028	2.919	10.7	21.0
10 18	2 58.91	+11 2.1	1.969	2.919	7.2	20.8
10 28	2 51.16	+10 15.8	1.937	2.919	3.6	20.6
11 7	2 42.70	+ 9 30.6	1.933	2.919	2.3	20.5
11 17	2 34.46	+ 8 51.1	1.959	2.919	5.6	20.7
11 27	2 27.33	+ 8 21.5	2.012	2.919	9.2	21.0
12 7	2 21.98	+ 8 4.6	2.090	2.918	12.4	21.2
23889 Hermanngrassmann		11 5.7 62°.84 0°.3/ 5.4 18				
9 28	3 9.10	+16 44.7	2.096	2.898	14.0	19.5
10 8	3 4.92	+16 24.1	2.028	2.914	10.9	19.3
10 18	2 58.68	+15 55.0	1.982	2.929	7.3	19.2
10 28	2 51.01	+15 19.6	1.961	2.945	3.4	18.9
11 7	2 42.74	+14 41.1	1.970	2.960	0.7	18.8
11 17	2 34.79	+14 3.8	2.007	2.976	4.6	19.1
11 27	2 28.02	+13 32.0	2.073	2.992	8.3	19.3
12 7	2 23.07	+13 9.2	2.164	3.008	11.4	19.6
97876 2000 QG_{41}		11 5.7 354°.62 1°.7/ 6.5 18				
9 28	3 8.16	+21 2.0	1.089	1.929	21.7	18.6
10 8	3 6.37	+21 0.7	1.020	1.924	17.4	18.3
10 18	3 0.87	+20 40.4	0.968	1.921	12.2	18.0
10 28	2 52.43	+20 1.4	0.936	1.918	6.3	17.7
11 7	2 42.50	+19 8.1	0.927	1.917	1.7	17.4
11 17	2 32.91	+18 8.4	0.941	1.917	6.9	17.7
11 27	2 25.43	+17 12.6	0.979	1.918	12.8	18.0
12 7	2 21.22	+16 29.8	1.037	1.919	17.8	18.3
288876 2004 RS_{238}		11 5.7 72°.93 4°.1/ 2.1 18				
9 28	3 7.13	+ 7 22.9	2.085	2.905	13.4	20.9
10 8	3 3.33	+ 6 13.1	2.019	2.915	10.4	20.7
10 18	2 57.59	+ 4 59.8	1.976	2.924	7.3	20.5
10 28	2 50.49	+ 3 48.3	1.959	2.934	4.6	20.4
11 7	2 42.83	+ 2 44.6	1.971	2.944	4.5	20.4
11 17	2 35.45	+ 1 53.9	2.012	2.953	7.1	20.6
11 27	2 29.18	+ 1 19.9	2.079	2.963	10.1	20.8
12 7	2 24.63	+ 1 4.1	2.170	2.972	12.9	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
329480 2002 QP_{94}		11 5.7 49°.96 0°.8/ 6.2 17				
	h m	° ′			°	m
9 28	3 11.00	+21 31.7	1.282	2.104	20.1	21.0
10 8	3 7.72	+20 56.9	1.222	2.116	15.9	20.7
10 18	3 1.21	+20 2.8	1.180	2.130	10.9	20.5
10 28	2 52.35	+18 52.3	1.161	2.143	5.4	20.2
11 7	2 42.55	+17 31.7	1.167	2.158	0.9	20.0
11 17	2 33.33	+16 10.2	1.199	2.172	6.2	20.4
11 27	2 26.07	+14 57.6	1.256	2.187	11.3	20.7
12 7	2 21.66	+14 1.4	1.336	2.202	15.7	21.0
414329 2008 SD_{90}		11 5.7 64°.61 4°.1/ 8.8 18				
9 28	3 12.23	+28 36.0	2.359	3.108	14.1	21.0
10 8	3 7.50	+29 11.5	2.276	3.116	11.7	20.9
10 18	3 0.56	+29 34.2	2.214	3.125	8.8	20.7
10 28	2 51.98	+29 42.4	2.178	3.133	6.0	20.5
11 7	2 42.59	+29 35.7	2.169	3.142	4.2	20.4
11 17	2 33.38	+29 16.1	2.189	3.150	5.1	20.5
11 27	2 25.32	+28 47.6	2.238	3.159	7.7	20.7
12 7	2 19.15	+28 15.5	2.313	3.167	10.4	20.9
305813 2009 DM_{105}		11 5.7 39°.86 0°.2/ 5.5 18				
9 28	3 9.58	+17 34.1	1.717	2.529	16.2	21.2
10 8	3 5.87	+17 11.9	1.644	2.535	12.7	21.0
10 18	2 59.64	+16 38.4	1.592	2.541	8.6	20.7
10 28	2 51.56	+15 56.0	1.565	2.548	4.1	20.5
11 7	2 42.66	+15 8.9	1.564	2.555	0.7	20.2
11 17	2 34.08	+14 22.4	1.592	2.562	5.4	20.6
11 27	2 26.92	+13 42.6	1.646	2.569	9.7	20.9
12 7	2 21.95	+13 13.9	1.725	2.577	13.5	21.1
383023 2005 NJ_{43}		11 5.7 103°.01 2°.1/ 7.1 18				
9 28	3 14.30	+23 55.3	1.621	2.411	17.9	21.2
10 8	3 9.74	+23 40.6	1.551	2.425	14.4	21.0
10 18	3 2.33	+23 8.8	1.501	2.438	10.1	20.8
10 28	2 52.84	+22 20.4	1.475	2.451	5.5	20.5
11 7	2 42.48	+21 19.0	1.476	2.464	2.1	20.4
11 17	2 32.59	+20 10.8	1.505	2.477	5.4	20.6
11 27	2 24.41	+19 3.9	1.561	2.489	9.7	20.9
12 7	2 18.77	+18 5.9	1.642	2.501	13.7	21.2
183846 2004 BZ_{122}		11 5.7 86°.75 0°.3/ 5.9 18				
9 28	3 15.32	+18 50.1	1.572	2.377	17.8	20.9
10 8	3 10.41	+18 33.9	1.512	2.397	14.0	20.7
10 18	3 2.68	+18 5.1	1.471	2.418	9.5	20.5
10 28	2 52.97	+17 25.5	1.455	2.438	4.6	20.2
11 7	2 42.49	+16 39.4	1.467	2.457	0.7	20.0
11 17	2 32.55	+15 52.5	1.506	2.477	5.5	20.4
11 27	2 24.36	+15 11.3	1.572	2.496	10.0	20.7
12 7	2 18.69	+14 40.8	1.663	2.515	13.9	21.0
151456 2002 GH_{106}		11 5.7 172°.96 5°.1/ 1.1 18				
9 28	3 8.07	+ 0 37.7	2.534	3.343	11.7	20.5
10 8	3 3.75	− 0 16.7	2.461	3.345	9.3	20.3
10 18	2 57.75	− 1 9.6	2.411	3.347	6.9	20.1
10 28	2 50.56	− 1 56.2	2.389	3.348	5.3	20.1
11 7	2 42.85	− 2 32.2	2.396	3.349	5.5	20.1
11 17	2 35.33	− 2 54.2	2.431	3.349	7.3	20.2
11 27	2 28.71	− 3 0.0	2.493	3.350	9.7	20.3
12 7	2 23.53	− 2 49.4	2.579	3.350	12.0	20.5
225695 2001 QX_{162}		11 5.7 21°.39 0°.0/ 5.6 18				
9 28	3 8.84	+18 46.6	1.249	2.083	19.9	19.8
10 8	3 6.20	+18 22.6	1.186	2.088	15.7	19.5
10 18	3 0.32	+17 42.7	1.140	2.094	10.7	19.3
10 28	2 52.01	+16 49.5	1.117	2.101	5.1	19.0
11 7	2 42.63	+15 49.0	1.118	2.109	0.8	18.7
11 17	2 33.70	+14 49.1	1.144	2.117	6.5	19.1
11 27	2 26.66	+13 58.4	1.195	2.127	11.7	19.4
12 7	2 22.45	+13 23.0	1.268	2.137	16.2	19.7
99990 1981 EM_{35}		11 5.7 120°.30 2°.8/ 7.3 16				
9 28	3 18.08	+23 28.0	1.664	2.447	17.8	19.9
10 8	3 12.72	+23 44.2	1.593	2.461	14.4	19.7
10 18	3 4.40	+23 45.9	1.541	2.474	10.3	19.5
10 28	2 53.87	+23 31.9	1.513	2.487	5.8	19.2
11 7	2 42.36	+23 3.8	1.513	2.500	2.8	19.1
11 17	2 31.26	+22 25.8	1.541	2.512	5.5	19.3
11 27	2 21.90	+21 44.4	1.597	2.523	9.7	19.6
12 7	2 15.18	+21 6.6	1.677	2.534	13.5	19.8
295505 2008 RD_{60}		11 5.7 52°.65 4°.1/ 2.0 18				
9 28	3 6.05	+ 7 5.8	2.181	3.001	12.9	20.3
10 8	3 2.46	+ 5 56.2	2.111	3.007	10.1	20.2
10 18	2 57.00	+ 4 43.1	2.065	3.013	7.0	20.0
10 28	2 50.24	+ 3 31.9	2.045	3.019	4.5	19.8
11 7	2 42.91	+ 2 28.2	2.054	3.025	4.5	19.9
11 17	2 35.83	+ 1 37.1	2.091	3.032	7.0	20.0
11 27	2 29.79	+ 1 2.3	2.156	3.038	9.9	20.2
12 7	2 25.36	+ 0 45.3	2.244	3.044	12.6	20.4

401741 2013 JZ_{42} 11 5.7 74.°56 0.°2/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.87	+15 17.2	2.151	2.949	13.8	20.5
10 8	3 7.13	+15 23.0	2.074	2.957	10.8	20.3
10 18	3 0.25	+15 22.6	2.019	2.965	7.3	20.1
10 28	2 51.81	+15 17.2	1.991	2.974	3.5	19.9
11 7	2 42.67	+15 8.8	1.991	2.982	0.6	19.7
11 17	2 33.76	+15 0.1	2.021	2.990	4.6	20.0
11 27	2 26.01	+14 54.3	2.080	2.999	8.3	20.2
12 7	2 20.10	+14 54.4	2.164	3.007	11.5	20.5

409679 2006 AU_{30} 11 5.7 172.°77 4.°8/ 1.8 18

9 28	3 8.42	+ 2 1.4	2.356	3.168	12.3	21.3
10 8	3 4.17	+ 1 17.1	2.281	3.169	9.8	21.1
10 18	2 58.12	+ 0 33.9	2.230	3.170	7.1	21.0
10 28	2 50.77	− 0 3.7	2.205	3.170	5.1	20.9
11 7	2 42.84	− 0 31.4	2.209	3.170	5.2	20.9
11 17	2 35.11	− 0 45.7	2.241	3.171	7.2	21.0
11 27	2 28.34	− 0 44.6	2.300	3.171	9.9	21.2
12 7	2 23.13	− 0 27.8	2.383	3.171	12.4	21.3

430865 2005 PW_{2} 11 5.7 93.°31 1.°3/ 6.5 16

9 28	3 16.19	+21 1.1	1.615	2.410	17.8	21.5
10 8	3 11.07	+20 51.3	1.553	2.431	14.1	21.3
10 18	3 3.13	+20 27.4	1.511	2.452	9.7	21.1
10 28	2 53.20	+19 50.4	1.493	2.473	4.9	20.9
11 7	2 42.49	+19 4.0	1.503	2.493	1.3	20.6
11 17	2 32.32	+18 13.7	1.541	2.513	5.3	21.0
11 27	2 23.90	+17 26.4	1.607	2.532	9.7	21.3
12 7	2 18.02	+16 48.0	1.697	2.551	13.5	21.6

14212 1999 NW_{39} 11 5.7 17.°01 11.°0/31.5 18

9 28	3 10.28	− 6 38.4	1.289	2.129	19.0	17.4
10 8	3 6.91	− 7 45.4	1.241	2.134	15.8	17.2
10 18	3 0.54	− 8 40.5	1.212	2.141	12.9	17.0
10 28	2 52.04	− 9 13.6	1.205	2.148	11.1	17.0
11 7	2 42.67	− 9 17.0	1.220	2.156	11.5	17.0
11 17	2 33.83	− 8 47.5	1.257	2.166	13.6	17.2
11 27	2 26.78	− 7 46.5	1.317	2.176	16.5	17.4
12 7	2 22.34	− 6 19.5	1.395	2.187	19.3	17.6

310580 2001 TX_{134} 11 5.7 333.°73 4.°7/ 8.6 17

9 28	3 6.24	+27 50.2	1.522	2.318	18.6	19.8
10 8	3 4.22	+28 9.1	1.428	2.300	15.5	19.5
10 18	2 59.16	+28 8.9	1.353	2.283	11.7	19.3
10 28	2 51.62	+27 46.8	1.299	2.266	7.6	19.0
11 7	2 42.70	+27 3.3	1.270	2.251	4.8	18.8
11 17	2 33.82	+26 2.5	1.266	2.236	6.5	18.9
11 27	2 26.47	+24 52.7	1.287	2.223	10.6	19.1
12 7	2 21.77	+23 43.7	1.331	2.211	14.9	19.3

24416 2000 BF_{2} 11 5.7 133.°03 0.°4/ 5.3 18

9 28	3 8.66	+16 8.4	2.705	3.494	11.5	19.3
10 8	3 4.17	+15 50.5	2.624	3.503	9.0	19.1
10 18	2 58.02	+15 26.1	2.567	3.512	6.1	18.9
10 28	2 50.71	+14 56.7	2.538	3.520	2.8	18.8
11 7	2 42.88	+14 25.0	2.538	3.528	0.7	18.6
11 17	2 35.25	+13 53.9	2.569	3.536	3.9	18.9
11 27	2 28.51	+13 26.9	2.630	3.544	7.0	19.1
12 7	2 23.21	+13 6.6	2.717	3.551	9.7	19.3

177491 2004 ED_{37} 11 5.7 275.°33 4.°0/ 2.3 18

9 28	3 7.65	+ 8 50.6	1.988	2.808	14.0	20.0
10 8	3 4.12	+ 7 40.3	1.896	2.793	11.0	19.8
10 18	2 58.40	+ 6 23.1	1.828	2.778	7.6	19.6
10 28	2 51.03	+ 5 4.2	1.786	2.763	4.6	19.4
11 7	2 42.82	+ 3 50.4	1.772	2.748	4.5	19.3
11 17	2 34.73	+ 2 48.0	1.786	2.732	7.5	19.5
11 27	2 27.71	+ 2 2.6	1.828	2.717	11.0	19.7
12 7	2 22.53	+ 1 37.0	1.892	2.701	14.3	19.9

330334 2006 UV_{219} 11 5.7 102.°13 2.°6/ 3.5 17

9 28	3 14.60	+17 14.8	1.633	2.440	17.1	20.4
10 8	3 9.53	+15 16.8	1.572	2.462	13.2	20.2
10 18	3 1.89	+13 2.9	1.534	2.485	8.8	20.0
10 28	2 52.53	+10 41.0	1.523	2.506	4.2	19.8
11 7	2 42.63	+ 8 21.6	1.542	2.527	3.2	19.8
11 17	2 33.36	+ 6 15.7	1.591	2.548	7.2	20.1
11 27	2 25.76	+ 4 31.9	1.669	2.568	11.3	20.4
12 7	2 20.51	+ 3 14.7	1.770	2.587	14.8	20.6

240425 2003 WC_{54} 11 5.7 40.°76 1.°0/ 6.1 18

9 28	3 17.28	+16 14.5	1.391	2.206	19.1	19.6
10 8	3 12.38	+16 56.9	1.334	2.225	15.1	19.4
10 18	3 4.28	+17 31.4	1.297	2.245	10.3	19.2
10 28	2 53.84	+17 57.3	1.284	2.266	5.1	18.9
11 7	2 42.42	+18 15.3	1.297	2.287	1.1	18.7
11 17	2 31.54	+18 27.6	1.336	2.309	5.9	19.1
11 27	2 22.61	+18 38.5	1.402	2.331	10.6	19.4
12 7	2 16.55	+18 52.1	1.492	2.353	14.6	19.7

2158 Tietjen 11 5.7 92.°83 0.°4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.55	+16 37.0	2.348	3.142	12.9	16.7
10 8	3 5.04	+16 12.7	2.278	3.159	10.1	16.5
10 18	2 58.67	+15 40.7	2.230	3.176	6.8	16.4
10 28	2 51.02	+15 2.8	2.210	3.193	3.1	16.2
11 7	2 42.85	+14 22.5	2.219	3.209	0.7	16.0
11 17	2 34.96	+13 43.4	2.258	3.226	4.3	16.3
11 27	2 28.16	+13 9.6	2.326	3.242	7.7	16.5
12 7	2 23.00	+12 44.2	2.420	3.258	10.6	16.8

475065 2005 UW_{126} 11 5.7 324.°17 0.°0/ 5.5 18

9 28	3 13.14	+16 30.1	1.550	2.365	17.5	21.5
10 8	3 9.13	+16 31.3	1.470	2.362	13.9	21.3
10 18	3 2.17	+16 22.8	1.411	2.360	9.5	21.0
10 28	2 52.92	+16 5.9	1.375	2.358	4.5	20.7
11 7	2 42.54	+15 43.4	1.365	2.356	0.7	20.5
11 17	2 32.38	+15 19.9	1.383	2.354	5.9	20.8
11 27	2 23.79	+15 0.7	1.427	2.352	10.7	21.1
12 7	2 17.75	+14 50.8	1.494	2.350	14.9	21.4

41205 1999 WZ_{8} 11 5.7 54.°07 4.°5/ 3.3 18

9 28	3 13.54	+ 6 56.5	1.458	2.288	17.7	18.1
10 8	3 8.91	+ 6 16.3	1.414	2.315	13.7	18.0
10 18	3 1.57	+ 5 34.5	1.390	2.341	9.4	17.8
10 28	2 52.42	+ 4 56.8	1.390	2.368	5.5	17.6
11 7	2 42.66	+ 4 29.1	1.417	2.395	4.9	17.7
11 17	2 33.54	+ 4 15.6	1.470	2.422	8.1	17.9
11 27	2 26.18	+ 4 19.1	1.549	2.450	11.9	18.2
12 7	2 21.25	+ 4 39.5	1.650	2.477	15.2	18.5

194902 2002 AG_{99} 11 5.7 326.°42 1.°7/ 6.6 18

9 28	3 11.99	+20 32.8	1.558	2.365	17.8	20.0
10 8	3 8.34	+20 42.5	1.475	2.360	14.3	19.7
10 18	3 1.71	+20 39.5	1.412	2.356	10.0	19.5
10 28	2 52.74	+20 23.3	1.372	2.351	5.3	19.2
11 7	2 42.57	+19 56.2	1.358	2.347	1.7	18.9
11 17	2 32.58	+19 22.4	1.371	2.344	5.7	19.2
11 27	2 24.16	+18 48.3	1.410	2.340	10.4	19.5
12 7	2 18.32	+18 20.4	1.473	2.337	14.6	19.7

324733 2007 EX_{179} 11 5.7 216.°17 1.°6/ 4.2 18

9 28	3 6.91	+14 41.6	2.306	3.111	12.8	21.0
10 8	3 3.15	+13 48.3	2.221	3.110	10.0	20.8
10 18	2 57.52	+12 46.2	2.158	3.108	6.7	20.6
10 28	2 50.53	+11 38.8	2.123	3.106	3.2	20.4
11 7	2 42.92	+10 30.9	2.117	3.105	1.9	20.3
11 17	2 35.51	+ 9 27.4	2.141	3.103	5.1	20.5
11 27	2 29.09	+ 8 33.5	2.194	3.101	8.5	20.7
12 7	2 24.27	+ 7 52.6	2.272	3.100	11.6	20.9

98966 2001 CW_{47} 11 5.7 6.°37 1.°9/ 6.6 18

9 28	3 7.72	+20 16.1	1.207	2.041	20.4	18.4
10 8	3 5.62	+20 32.1	1.140	2.041	16.3	18.1
10 18	3 0.15	+20 33.2	1.092	2.043	11.4	17.8
10 28	2 52.05	+20 19.2	1.065	2.046	6.0	17.6
11 7	2 42.69	+19 53.1	1.061	2.051	1.9	17.3
11 17	2 33.67	+19 20.1	1.081	2.056	6.3	17.6
11 27	2 26.57	+18 48.0	1.126	2.064	11.6	17.9
12 7	2 22.43	+18 23.9	1.192	2.072	16.2	18.2

137355 1999 TS_{106} 11 5.7 42.°90 2.°0/ 6.9 18

9 28	3 10.78	+23 52.3	1.187	2.009	21.4	19.0
10 8	3 7.86	+23 26.4	1.130	2.023	17.1	18.8
10 18	3 1.47	+22 38.0	1.091	2.037	12.0	18.6
10 28	2 52.56	+21 29.0	1.072	2.052	6.3	18.3
11 7	2 42.64	+20 5.5	1.078	2.068	2.0	18.1
11 17	2 33.36	+18 37.3	1.110	2.084	6.3	18.4
11 27	2 26.22	+17 15.7	1.166	2.101	11.5	18.8
12 7	2 22.09	+16 9.5	1.243	2.118	16.1	19.1

447997 2008 CR_{201} 11 5.7 275.°10 0.°1/ 5.8 17

9 28	3 9.64	+18 12.0	1.989	2.790	14.7	21.9
10 8	3 5.73	+17 54.7	1.902	2.786	11.6	21.7
10 18	2 59.51	+17 26.9	1.835	2.781	7.9	21.5
10 28	2 51.56	+16 50.1	1.795	2.777	3.8	21.2
11 7	2 42.77	+16 7.8	1.782	2.773	0.5	21.0
11 17	2 34.16	+15 24.2	1.798	2.768	4.9	21.3
11 27	2 26.72	+14 44.8	1.842	2.764	8.9	21.5
12 7	2 21.25	+14 14.2	1.911	2.760	12.5	21.8

450452 2005 UX_{470} 11 5.7 344.°22 1.°6/ 6.7 17

9 28	3 10.08	+20 53.9	1.946	2.740	15.2	21.5
10 8	3 6.20	+21 1.5	1.860	2.737	12.2	21.3
10 18	2 59.90	+20 58.0	1.794	2.734	8.5	21.0
10 28	2 51.78	+20 43.6	1.754	2.732	4.5	20.8
11 7	2 42.75	+20 20.1	1.741	2.730	1.6	20.6
11 17	2 33.87	+19 50.9	1.756	2.728	4.8	20.8
11 27	2 26.23	+19 20.9	1.800	2.727	8.7	21.0
12 7	2 20.65	+18 55.3	1.868	2.726	12.3	21.3

225111 2008 *ED* 11 5.7 59°.00 15°.1/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 31.75	+36 50.2	1.084	1.839	27.0	20.3
10 8	3 27.03	+39 58.1	1.026	1.849	23.8	20.1
10 18	3 16.49	+42 46.1	0.984	1.859	20.3	19.9
10 28	3 0.58	+44 56.4	0.960	1.870	17.1	19.8
11 7	2 41.35	+46 13.7	0.956	1.881	15.3	19.7
11 17	2 22.11	+46 32.6	0.974	1.892	15.6	19.8
11 27	2 6.37	+46 2.4	1.013	1.903	17.6	19.9
12 7	1 56.26	+45 2.7	1.070	1.915	20.4	20.2

360114 2013 CY_{16} 11 5.7 187°.81 0°.9/ 4.9 18

9 28	3 9.95	+15 17.1	2.311	3.108	13.0	21.7
10 8	3 5.54	+14 47.9	2.224	3.108	10.2	21.6
10 18	2 59.15	+14 11.0	2.160	3.107	6.8	21.3
10 28	2 51.33	+13 28.5	2.123	3.106	3.2	21.1
11 7	2 42.83	+12 44.1	2.115	3.104	1.2	21.0
11 17	2 34.51	+12 1.7	2.137	3.102	4.7	21.2
11 27	2 27.23	+11 25.9	2.188	3.100	8.3	21.4
12 7	2 21.62	+10 59.9	2.264	3.098	11.4	21.6

45926 2000 YT_{112} 11 5.7 154°.13 3°.6/ 3.7 18

9 28	3 15.21	+ 8 36.1	1.636	2.454	16.6	19.4
10 8	3 10.33	+ 8 3.5	1.564	2.459	13.0	19.2
10 18	3 2.72	+ 7 27.0	1.513	2.463	8.9	19.0
10 28	2 53.10	+ 6 51.0	1.488	2.467	4.9	18.7
11 7	2 42.57	+ 6 20.8	1.489	2.471	4.0	18.7
11 17	2 32.37	+ 6 1.4	1.519	2.474	7.5	18.9
11 27	2 23.71	+ 5 56.5	1.575	2.477	11.6	19.2
12 7	2 17.44	+ 6 7.7	1.653	2.480	15.2	19.4

490602 2009 WU_{178} 11 5.7 33°.99 0°.6/ 6.1 18

9 28	3 10.85	+17 35.6	2.307	3.097	13.2	21.2
10 8	3 6.31	+17 46.3	2.221	3.098	10.5	21.1
10 18	2 59.73	+17 49.9	2.157	3.100	7.2	20.9
10 28	2 51.63	+17 46.9	2.120	3.101	3.5	20.6
11 7	2 42.80	+17 39.0	2.112	3.103	0.7	20.4
11 17	2 34.11	+17 28.5	2.134	3.104	4.2	20.7
11 27	2 26.46	+17 18.7	2.184	3.106	7.8	20.9
12 7	2 20.55	+17 12.9	2.261	3.108	10.9	21.1

167199 2003 TT_{14} 11 5.7 23°.67 6°.2/ 2.3 18

9 28	3 6.64	+ 6 23.3	1.180	2.037	19.3	19.3
10 8	3 4.26	+ 5 13.2	1.134	2.050	15.1	19.1
10 18	2 58.83	+ 4 0.3	1.108	2.065	10.6	18.9
10 28	2 51.26	+ 2 53.7	1.103	2.080	6.8	18.7
11 7	2 42.87	+ 2 2.3	1.123	2.097	6.7	18.8
11 17	2 35.06	+ 1 32.9	1.166	2.115	10.1	19.0
11 27	2 29.09	+ 1 28.8	1.232	2.135	14.1	19.3
12 7	2 25.72	+ 1 49.2	1.318	2.155	17.7	19.6

367425 2008 RW_{143} 11 5.7 60°.25 1°.7/ 4.3 18

9 28	3 7.54	+13 9.7	2.204	3.013	13.2	20.9
10 8	3 3.61	+12 33.0	2.135	3.026	10.2	20.7
10 18	2 57.79	+11 50.0	2.089	3.039	6.8	20.5
10 28	2 50.65	+11 3.9	2.069	3.052	3.3	20.3
11 7	2 42.96	+10 18.8	2.078	3.065	2.0	20.3
11 17	2 35.55	+ 9 38.9	2.116	3.079	5.1	20.5
11 27	2 29.21	+ 9 8.0	2.183	3.092	8.5	20.7
12 7	2 24.54	+ 8 48.9	2.274	3.106	11.4	20.9

470251 2006 *YQ* 11 5.7 1°.63 3°.3/ 7.6 18

9 28	3 6.90	+24 50.9	1.135	1.963	21.7	21.1
10 8	3 5.33	+24 53.1	1.066	1.961	17.7	20.8
10 18	3 0.14	+24 32.6	1.014	1.960	12.8	20.5
10 28	2 52.12	+23 48.5	0.983	1.960	7.4	20.3
11 7	2 42.72	+22 44.4	0.974	1.961	3.4	20.0
11 17	2 33.68	+21 28.3	0.989	1.964	6.7	20.2
11 27	2 26.71	+20 11.9	1.027	1.968	12.0	20.6
12 7	2 22.92	+19 6.0	1.086	1.973	16.9	20.9

121020 1999 BV_8 11 5.7 291°.83 3°.1/ 3.8 18

9 28	3 9.91	+11 34.2	1.562	2.390	16.8	20.0
10 8	3 6.68	+10 50.8	1.469	2.370	13.3	19.7
10 18	3 0.62	+ 9 58.2	1.396	2.350	9.1	19.4
10 28	2 52.28	+ 9 0.6	1.348	2.330	4.7	19.1
11 7	2 42.69	+ 8 4.5	1.326	2.311	3.6	19.0
11 17	2 33.13	+ 7 16.9	1.330	2.291	7.7	19.2
11 27	2 24.94	+ 6 44.4	1.360	2.271	12.4	19.4
12 7	2 19.15	+ 6 31.0	1.412	2.251	16.6	19.6

238995 2006 BK_{266} 11 5.7 116°.79 0°.4/ 5.4 18

9 28	3 14.28	+15 34.7	2.054	2.849	14.5	21.0
10 8	3 9.03	+15 26.9	1.982	2.864	11.3	20.8
10 18	3 1.54	+15 11.7	1.933	2.878	7.6	20.6
10 28	2 52.46	+14 50.7	1.910	2.893	3.6	20.4
11 7	2 42.70	+14 26.8	1.916	2.906	0.8	20.2
11 17	2 33.27	+14 3.6	1.952	2.920	4.8	20.5
11 27	2 25.12	+13 44.9	2.016	2.933	8.6	20.7
12 7	2 18.96	+13 34.1	2.106	2.945	11.9	21.0

27493 Derikesibill 11 5.7 343°.44 1°.1/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.53	+21 16.8	1.852	2.649	15.7	18.7
10 8	3 5.84	+21 0.2	1.768	2.648	12.5	18.5
10 18	2 59.69	+20 30.0	1.705	2.647	8.7	18.3
10 28	2 51.69	+19 47.3	1.666	2.646	4.5	18.0
11 7	2 42.81	+18 55.3	1.655	2.645	1.1	17.8
11 17	2 34.15	+17 59.2	1.672	2.644	4.9	18.0
11 27	2 26.81	+17 5.4	1.717	2.643	9.1	18.3
12 7	2 21.59	+16 19.8	1.786	2.643	12.8	18.5

64055 2001 SR_{255} 11 5.7 305°.42 0°.3/ 5.5 18

9 28	3 10.75	+16 33.3	1.485	2.307	17.8	19.8
10 8	3 7.57	+16 25.5	1.395	2.292	14.2	19.5
10 18	3 1.35	+16 6.7	1.325	2.277	9.7	19.2
10 28	2 52.68	+15 38.3	1.278	2.262	4.7	18.9
11 7	2 42.65	+15 4.0	1.256	2.247	0.9	18.6
11 17	2 32.68	+14 29.0	1.261	2.232	6.3	18.9
11 27	2 24.21	+13 59.9	1.292	2.218	11.5	19.2
12 7	2 18.35	+13 42.4	1.345	2.205	16.0	19.4

362414 2010 PU_{55} 11 5.7 39°.75 3°.9/ 8.0 18

9 28	3 14.06	+25 19.3	1.853	2.629	16.5	20.7
10 8	3 9.50	+26 3.5	1.777	2.638	13.5	20.5
10 18	3 2.24	+26 34.9	1.722	2.647	9.9	20.3
10 28	2 52.94	+26 51.3	1.691	2.657	6.3	20.1
11 7	2 42.64	+26 52.2	1.687	2.667	4.0	20.0
11 17	2 32.59	+26 39.8	1.711	2.678	5.6	20.2
11 27	2 23.99	+26 19.0	1.762	2.688	9.0	20.4
12 7	2 17.73	+25 55.8	1.839	2.699	12.4	20.6

387503 1997 SC_6 11 5.7 102°.81 4°.9/ 9.3 18

9 28	3 17.12	+30 17.2	2.126	2.866	15.7	21.2
10 8	3 11.56	+30 56.3	2.052	2.884	13.1	21.0
10 18	3 3.44	+31 20.0	1.998	2.902	10.0	20.9
10 28	2 53.44	+31 25.9	1.969	2.919	7.0	20.7
11 7	2 42.58	+31 13.4	1.967	2.935	5.0	20.6
11 17	2 32.04	+30 44.8	1.994	2.952	5.8	20.7
11 27	2 22.93	+30 5.5	2.050	2.968	8.4	20.9
12 7	2 16.07	+29 22.0	2.131	2.984	11.2	21.1

298230 2002 UU_{63} 11 5.7 120°.83 4°.0/ 8.2 18

9 28	3 15.42	+26 26.1	1.984	2.748	16.0	20.7
10 8	3 10.47	+27 3.4	1.900	2.753	13.1	20.6
10 18	3 2.87	+27 27.5	1.837	2.757	9.7	20.4
10 28	2 53.25	+27 36.2	1.799	2.762	6.3	20.2
11 7	2 42.62	+27 29.2	1.788	2.767	4.0	20.0
11 17	2 32.17	+27 8.6	1.806	2.771	5.5	20.1
11 27	2 23.10	+26 39.2	1.852	2.775	8.8	20.4
12 7	2 16.31	+26 7.6	1.923	2.779	12.1	20.6

385821 2006 FZ_{50} 11 5.7 170°.22 7°.3/30.1 18

9 28	3 11.13	− 5 49.2	2.419	3.218	12.4	21.6
10 8	3 6.20	− 7 5.5	2.354	3.222	10.3	21.5
10 18	2 59.46	− 8 16.4	2.314	3.226	8.4	21.3
10 28	2 51.45	− 9 15.6	2.300	3.230	7.4	21.3
11 7	2 42.90	− 9 57.7	2.314	3.232	7.8	21.3
11 17	2 34.59	−10 19.3	2.355	3.234	9.4	21.4
11 27	2 27.28	−10 19.1	2.422	3.235	11.4	21.6
12 7	2 21.56	− 9 58.1	2.510	3.236	13.4	21.7

47469 1999 YT_{20} 11 5.7 124°.02 1°.3/ 4.8 18

9 28	3 11.01	+14 9.9	1.890	2.700	15.0	19.9
10 8	3 6.80	+13 46.9	1.811	2.702	11.8	19.7
10 18	3 0.24	+13 16.2	1.754	2.704	7.9	19.4
10 28	2 51.94	+12 40.3	1.723	2.706	3.7	19.2
11 7	2 42.84	+12 3.4	1.719	2.708	1.6	19.0
11 17	2 33.97	+11 29.8	1.744	2.710	5.6	19.3
11 27	2 26.38	+11 4.4	1.797	2.712	9.6	19.6
12 7	2 20.83	+10 50.5	1.874	2.714	13.1	19.8

298681 2004 DL_{27} 11 5.7 348°.64 2°.1/ 4.4 18

9 28	3 9.65	+12 5.7	1.670	2.494	16.1	20.5
10 8	3 6.10	+11 44.0	1.592	2.491	12.6	20.2
10 18	2 59.96	+11 15.6	1.535	2.488	8.5	20.0
10 28	2 51.87	+10 44.0	1.502	2.486	4.2	19.7
11 7	2 42.85	+10 13.5	1.496	2.484	2.5	19.6
11 17	2 34.04	+ 9 49.0	1.518	2.482	6.4	19.9
11 27	2 26.60	+ 9 35.2	1.565	2.481	10.7	20.1
12 7	2 21.38	+ 9 34.8	1.636	2.480	14.5	20.4

223840 2004 TY_{155} 11 5.7 61°.36 1°.8/ 4.3 18

9 28	3 8.30	+13 27.3	2.020	2.833	14.1	20.9
10 8	3 4.39	+12 44.9	1.953	2.846	10.9	20.7
10 18	2 58.42	+11 55.2	1.908	2.859	7.3	20.5
10 28	2 51.01	+11 1.9	1.890	2.873	3.5	20.3
11 7	2 43.00	+10 9.7	1.899	2.886	2.2	20.2
11 17	2 35.31	+ 9 23.4	1.938	2.900	5.5	20.5
11 27	2 28.81	+ 8 47.6	2.004	2.914	9.1	20.7
12 7	2 24.12	+ 8 25.1	2.095	2.928	12.2	21.0

85636 1998 MF_5 11 5.7 8.°57 3.°6/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.93	+26 58.1	1.892	2.670	16.1	18.4
10 8	3 5.48	+27 9.6	1.809	2.671	13.2	18.2
10 18	2 59.51	+27 5.3	1.747	2.673	9.8	18.0
10 28	2 51.66	+26 44.1	1.708	2.675	6.2	17.8
11 7	2 42.89	+26 7.5	1.696	2.677	3.7	17.6
11 17	2 34.34	+25 19.0	1.711	2.680	5.2	17.7
11 27	2 27.13	+24 25.1	1.754	2.684	8.7	18.0
12 7	2 22.09	+23 32.6	1.821	2.688	12.2	18.2

324491 2006 UK_{210} 11 5.7 81.°10 2.°8/ 7.2 17

9 28	3 17.64	+22 48.1	1.460	2.256	19.3	21.1
10 8	3 12.74	+23 9.9	1.397	2.273	15.5	20.9
10 18	3 4.61	+23 16.7	1.353	2.290	11.0	20.6
10 28	2 54.09	+23 7.2	1.332	2.307	6.2	20.4
11 7	2 42.56	+22 42.9	1.337	2.324	2.8	20.3
11 17	2 31.54	+22 8.5	1.369	2.340	5.9	20.5
11 27	2 22.47	+21 31.1	1.427	2.357	10.4	20.8
12 7	2 16.27	+20 58.0	1.510	2.373	14.4	21.1

253196 2002 XW_{55} 11 5.7 267.°16 9.°6/15.1 18

9 28	3 15.08	+46 47.3	2.236	2.884	17.3	20.0
10 8	3 10.77	+47 18.3	2.133	2.873	15.6	19.8
10 18	3 3.38	+47 25.5	2.046	2.861	13.6	19.6
10 28	2 53.60	+47 3.1	1.978	2.849	11.6	19.5
11 7	2 42.61	+46 8.1	1.934	2.837	10.0	19.3
11 17	2 31.85	+44 41.5	1.915	2.824	9.6	19.3
11 27	2 22.74	+42 49.9	1.923	2.812	10.6	19.3
12 7	2 16.29	+40 43.4	1.956	2.799	12.5	19.4

401839 1999 UE_{54} 11 5.7 6.°87 0.°4/ 5.4 16

9 28	3 5.40	+17 53.5	1.606	2.429	16.6	20.9
10 8	3 2.88	+17 21.4	1.533	2.430	13.1	20.7
10 18	2 57.80	+16 36.3	1.480	2.433	8.8	20.5
10 28	2 50.85	+15 41.3	1.452	2.436	4.2	20.2
11 7	2 43.03	+14 41.6	1.449	2.440	0.9	20.0
11 17	2 35.51	+13 43.5	1.474	2.445	5.6	20.3
11 27	2 29.38	+12 53.9	1.525	2.451	10.1	20.6
12 7	2 25.45	+12 17.8	1.599	2.458	14.0	20.9

171517 1998 SQ_{155} 11 5.7 21.°56 3.°3/ 3.8 18

9 28	3 9.72	+ 9 46.1	1.525	2.358	16.9	19.3
10 8	3 6.24	+ 9 14.1	1.459	2.362	13.2	19.1
10 18	3 0.07	+ 8 36.9	1.413	2.367	9.0	18.8
10 28	2 51.91	+ 7 59.3	1.391	2.373	4.8	18.6
11 7	2 42.88	+ 7 26.9	1.395	2.379	3.7	18.6
11 17	2 34.19	+ 7 4.9	1.426	2.386	7.4	18.8
11 27	2 27.02	+ 6 57.3	1.482	2.393	11.5	19.1
12 7	2 22.20	+ 7 6.0	1.560	2.401	15.3	19.3

322952 2002 HE_{18} 11 5.7 183.°15 4.°1/ 8.4 18

9 28	3 14.02	+27 58.4	1.516	2.299	19.3	20.8
10 8	3 10.16	+27 58.4	1.435	2.299	15.9	20.6
10 18	3 3.05	+27 37.3	1.372	2.299	11.8	20.3
10 28	2 53.46	+26 53.2	1.331	2.299	7.3	20.1
11 7	2 42.65	+25 48.0	1.316	2.299	4.1	19.9
11 17	2 32.15	+24 27.7	1.328	2.298	6.2	20.0
11 27	2 23.47	+23 2.4	1.366	2.298	10.5	20.3
12 7	2 17.62	+21 42.4	1.428	2.297	14.7	20.5

12873 Clausewitz 11 5.7 64.°27 3.°9/ 8.1 18

9 28	3 14.29	+26 36.8	1.416	2.209	19.9	17.8
10 8	3 10.32	+26 46.7	1.351	2.222	16.2	17.6
10 18	3 3.07	+26 36.6	1.304	2.236	11.9	17.3
10 28	2 53.40	+26 5.1	1.279	2.250	7.2	17.1
11 7	2 42.67	+25 14.4	1.280	2.264	4.0	17.0
11 17	2 32.45	+24 10.7	1.306	2.278	6.2	17.1
11 27	2 24.20	+23 3.2	1.359	2.292	10.5	17.4
12 7	2 18.84	+22 1.2	1.435	2.306	14.6	17.7

25543 Fruen 11 5.7 352.°16 2.°7/ 7.9 18

9 28	3 7.85	+26 11.3	2.087	2.863	14.9	18.7
10 8	3 4.36	+25 59.3	1.999	2.861	12.1	18.5
10 18	2 58.61	+25 31.8	1.931	2.860	8.8	18.3
10 28	2 51.19	+24 48.8	1.888	2.859	5.2	18.1
11 7	2 42.99	+23 52.7	1.873	2.858	2.7	17.9
11 17	2 34.98	+22 47.9	1.886	2.857	4.6	18.1
11 27	2 28.17	+21 40.8	1.927	2.856	8.1	18.3
12 7	2 23.28	+20 37.9	1.995	2.856	11.5	18.5

139922 2001 RV_{123} 11 5.7 297.°95 0.°4/ 5.4 18

9 28	3 10.16	+16 20.0	1.948	2.753	14.8	19.5
10 8	3 6.17	+16 4.4	1.863	2.751	11.6	19.3
10 18	2 59.86	+15 39.8	1.800	2.748	7.9	19.0
10 28	2 51.80	+15 8.1	1.763	2.746	3.7	18.8
11 7	2 42.90	+14 32.7	1.753	2.744	0.8	18.5
11 17	2 34.18	+13 57.8	1.772	2.741	5.1	18.9
11 27	2 26.67	+13 28.4	1.819	2.739	9.2	19.1
12 7	2 21.15	+13 8.4	1.890	2.737	12.7	19.3

253818 2003 YQ_{48} 11 5.7 281.°39 2.°5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.83	+23 52.7	1.493	2.294	18.7	20.3
10 8	3 8.55	+23 47.5	1.403	2.283	15.2	20.1
10 18	3 2.08	+23 24.1	1.331	2.271	10.9	19.8
10 28	2 53.07	+22 41.7	1.282	2.259	6.1	19.5
11 7	2 42.70	+21 42.8	1.259	2.247	2.5	19.2
11 17	2 32.43	+20 33.3	1.262	2.235	6.0	19.4
11 27	2 23.81	+19 22.4	1.291	2.223	11.0	19.7
12 7	2 17.94	+18 19.4	1.344	2.212	15.5	19.9

482684 2013 CD_{68} 11 5.7 303.°24 7.°4/30.9 17

9 28	3 7.01	+ 1 38.1	1.689	2.523	15.4	21.6
10 8	3 4.05	+ 0 6.6	1.606	2.505	12.5	21.4
10 18	2 58.61	− 1 27.3	1.545	2.487	9.5	21.1
10 28	2 51.28	− 2 55.1	1.509	2.470	7.5	21.0
11 7	2 42.97	− 4 7.7	1.499	2.452	8.1	21.0
11 17	2 34.77	− 4 57.5	1.515	2.435	10.8	21.1
11 27	2 27.79	− 5 20.1	1.555	2.418	14.1	21.3
12 7	2 22.89	− 5 14.8	1.615	2.402	17.3	21.5

260249 2004 RB_{332} 11 5.7 40.°58 2.°8/ 3.9 18

9 28	3 10.71	+ 8 34.2	2.021	2.835	14.0	20.4
10 8	3 6.34	+ 8 19.2	1.947	2.839	11.0	20.2
10 18	2 59.81	+ 8 1.8	1.895	2.844	7.5	20.0
10 28	2 51.72	+ 7 45.2	1.869	2.849	4.0	19.8
11 7	2 42.93	+ 7 32.8	1.871	2.855	3.1	19.7
11 17	2 34.37	+ 7 27.7	1.902	2.860	6.0	20.0
11 27	2 26.98	+ 7 32.8	1.961	2.866	9.5	20.2
12 7	2 21.46	+ 7 49.2	2.044	2.871	12.7	20.4

453152 2008 CR_8 11 5.7 283.°43 2.°7/ 3.8 18

9 28	3 9.21	+10 44.1	1.955	2.771	14.3	21.3
10 8	3 5.36	+10 7.3	1.871	2.766	11.2	21.1
10 18	2 59.27	+ 9 24.6	1.810	2.761	7.6	20.8
10 28	2 51.51	+ 8 40.0	1.774	2.756	4.0	20.6
11 7	2 42.95	+ 7 58.0	1.766	2.750	3.0	20.5
11 17	2 34.56	+ 7 23.6	1.787	2.745	6.3	20.7
11 27	2 27.33	+ 7 1.1	1.835	2.740	10.0	21.0
12 7	2 21.99	+ 6 52.9	1.906	2.735	13.4	21.2

328804 2009 VC_{43} 11 5.7 359.°40 6.°4/ 3.2 18

9 28	3 18.37	− 4 5.4	1.934	2.733	15.1	19.6
10 8	3 12.39	− 3 55.6	1.857	2.732	12.3	19.4
10 18	3 3.96	− 3 36.4	1.802	2.731	9.4	19.2
10 28	2 53.72	− 3 3.6	1.773	2.730	7.0	19.0
11 7	2 42.65	− 2 14.5	1.773	2.730	6.6	19.0
11 17	2 31.85	− 1 8.6	1.801	2.731	8.7	19.2
11 27	2 22.40	+ 0 12.8	1.857	2.732	11.6	19.3
12 7	2 15.09	+ 1 46.6	1.939	2.734	14.5	19.5

179645 2002 PH_{135} 11 5.7 109.°98 2.°8/ 7.5 17

9 28	3 16.95	+24 32.5	1.645	2.427	18.0	20.9
10 8	3 11.89	+24 37.4	1.575	2.443	14.5	20.7
10 18	3 3.89	+24 26.0	1.526	2.458	10.4	20.5
10 28	2 53.74	+23 57.7	1.500	2.473	6.0	20.3
11 7	2 42.66	+23 14.7	1.501	2.487	2.8	20.2
11 17	2 32.05	+22 21.9	1.530	2.501	5.5	20.4
11 27	2 23.19	+21 27.0	1.587	2.515	9.6	20.6
12 7	2 16.95	+20 37.4	1.669	2.528	13.5	20.9

41239 1999 XD_{26} 11 5.7 45.°05 1.°0/ 5.1 18

9 28	3 11.83	+12 52.3	2.060	2.865	14.1	18.4
10 8	3 7.25	+12 55.4	1.982	2.870	11.0	18.2
10 18	3 0.46	+12 53.8	1.927	2.875	7.4	18.0
10 28	2 52.06	+12 49.1	1.897	2.880	3.5	17.7
11 7	2 42.91	+12 43.8	1.896	2.885	1.3	17.6
11 17	2 33.97	+12 40.5	1.924	2.891	5.0	17.8
11 27	2 26.20	+12 42.3	1.981	2.897	8.8	18.1
12 7	2 20.34	+12 51.5	2.062	2.903	12.1	18.3

124459 2001 QE_{284} 11 5.7 37.°72 0.°3/ 5.9 18

9 28	3 12.26	+17 57.0	1.172	2.006	20.9	19.4
10 8	3 8.92	+17 51.6	1.122	2.024	16.4	19.2
10 18	3 2.17	+17 32.3	1.089	2.043	11.1	18.9
10 28	2 52.97	+17 1.3	1.078	2.062	5.3	18.7
11 7	2 42.80	+16 23.5	1.092	2.082	0.7	18.4
11 17	2 33.29	+15 45.4	1.130	2.104	6.5	18.9
11 27	2 25.90	+15 14.5	1.193	2.125	11.7	19.2
12 7	2 21.50	+14 56.0	1.278	2.148	16.0	19.6

182090 2000 JH_{10} 11 5.7 252.°55 7.°3/ 4.8 17

9 28	3 34.01	− 3 6.9	1.205	2.009	22.2	19.8
10 8	3 26.64	− 2 29.3	1.123	2.002	18.2	19.5
10 18	3 14.83	− 1 35.0	1.060	1.996	13.5	19.2
10 28	2 59.34	− 0 17.9	1.021	1.989	9.0	18.9
11 7	2 41.82	+ 1 23.9	1.008	1.982	7.4	18.8
11 17	2 24.49	+ 3 27.4	1.024	1.975	10.9	19.0
11 27	2 9.58	+ 5 46.1	1.067	1.968	16.0	19.3
12 7	1 58.56	+ 8 12.6	1.134	1.961	20.7	19.6

37700 1996 AL_3 11 5.7 136°.43 1°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.18	+14 18.1	2.267	3.069	13.1	19.3
10 8	3 4.99	+13 55.1	2.185	3.072	10.2	19.1
10 18	2 58.84	+13 25.3	2.126	3.074	6.9	18.9
10 28	2 51.27	+12 51.2	2.094	3.077	3.2	18.7
11 7	2 43.04	+12 16.0	2.090	3.079	1.4	18.5
11 17	2 35.01	+11 43.5	2.116	3.082	4.8	18.8
11 27	2 28.01	+11 17.6	2.170	3.084	8.3	19.0
12 7	2 22.69	+11 1.3	2.250	3.086	11.4	19.2

228933 2003 SY_{320} 11 5.7 177°.76 0°.3/ 5.5 18

9 28	3 10.30	+15 18.0	2.418	3.212	12.6	20.2
10 8	3 5.79	+15 16.2	2.331	3.212	9.9	20.0
10 18	2 59.36	+15 8.4	2.267	3.213	6.7	19.8
10 28	2 51.52	+14 56.0	2.230	3.213	3.2	19.6
11 7	2 43.00	+14 40.9	2.222	3.213	0.7	19.4
11 17	2 34.62	+14 26.1	2.244	3.213	4.3	19.7
11 27	2 27.22	+14 14.5	2.295	3.213	7.7	19.9
12 7	2 21.43	+14 9.0	2.373	3.212	10.7	20.1

374784 2006 TN_{28} 11 5.7 71°.92 0°.1/ 5.8 16

9 28	3 18.37	+16 25.6	1.366	2.180	19.5	21.3
10 8	3 13.23	+16 33.8	1.311	2.202	15.3	21.0
10 18	3 4.87	+16 31.9	1.275	2.224	10.4	20.8
10 28	2 54.20	+16 21.1	1.262	2.245	4.9	20.6
11 7	2 42.63	+16 4.3	1.276	2.267	0.7	20.3
11 17	2 31.69	+15 46.3	1.317	2.288	6.1	20.8
11 27	2 22.77	+15 32.5	1.384	2.310	11.0	21.1
12 7	2 16.75	+15 27.4	1.474	2.331	15.1	21.4

92098 1999 XS_{40} 11 5.7 295°.20 1°.8/ 7.3 18

9 28	3 7.56	+24 27.1	2.161	2.941	14.3	19.6
10 8	3 4.09	+24 0.1	2.062	2.930	11.5	19.4
10 18	2 58.44	+23 17.8	1.985	2.919	8.2	19.2
10 28	2 51.15	+22 21.0	1.933	2.908	4.6	18.9
11 7	2 43.05	+21 12.6	1.909	2.897	1.8	18.7
11 17	2 35.09	+19 57.6	1.914	2.887	4.4	18.9
11 27	2 28.22	+18 42.6	1.949	2.876	8.2	19.1
12 7	2 23.19	+17 34.0	2.009	2.865	11.6	19.3

167946 2005 EC_{202} 11 5.7 216°.24 5°.6/ 2.0 18

9 28	3 12.67	+ 1 9.7	2.045	2.856	14.0	20.3
10 8	3 7.88	+ 0 29.9	1.965	2.851	11.2	20.1
10 18	3 0.89	− 0 8.1	1.908	2.847	8.2	19.9
10 28	2 52.28	− 0 39.0	1.878	2.842	6.0	19.8
11 7	2 42.89	− 0 57.9	1.875	2.836	6.0	19.8
11 17	2 33.70	− 1 1.1	1.900	2.830	8.3	19.9
11 27	2 25.65	− 0 46.7	1.952	2.824	11.3	20.1
12 7	2 19.48	− 0 14.9	2.027	2.818	14.1	20.3

433889 2015 BC_{401} 11 5.7 294°.94 1°.7/ 4.9 18

9 28	3 13.02	+13 39.2	1.319	2.151	19.1	21.7
10 8	3 9.68	+13 25.7	1.237	2.139	15.2	21.5
10 18	3 2.98	+13 2.7	1.173	2.127	10.4	21.1
10 28	2 53.58	+12 33.2	1.132	2.116	5.0	20.8
11 7	2 42.70	+12 1.9	1.115	2.105	2.1	20.6
11 17	2 31.93	+11 34.8	1.125	2.094	7.4	20.9
11 27	2 22.89	+11 18.4	1.159	2.083	12.8	21.2
12 7	2 16.76	+11 17.1	1.214	2.072	17.6	21.4

267981 2004 GF_4 11 5.7 277°.60 1°.4/ 4.9 18

9 28	3 12.19	+14 32.3	1.541	2.361	17.3	20.9
10 8	3 8.49	+14 10.4	1.456	2.352	13.7	20.7
10 18	3 1.85	+13 38.6	1.391	2.343	9.3	20.4
10 28	2 52.92	+12 59.7	1.350	2.334	4.4	20.1
11 7	2 42.80	+12 18.3	1.335	2.325	1.8	19.9
11 17	2 32.83	+11 40.3	1.348	2.315	6.6	20.2
11 27	2 24.36	+11 11.8	1.386	2.306	11.4	20.4
12 7	2 18.40	+10 57.3	1.447	2.297	15.7	20.7

509429 2007 EE_{99} 11 5.7 228°.71 0°.2/ 5.9 18

9 28	3 13.93	+17 45.5	1.847	2.645	15.8	22.0
10 8	3 9.40	+17 38.2	1.755	2.637	12.5	21.8
10 18	3 2.24	+17 20.6	1.684	2.629	8.6	21.5
10 28	2 53.04	+16 53.9	1.639	2.621	4.2	21.2
11 7	2 42.79	+16 20.8	1.621	2.612	0.6	20.9
11 17	2 32.65	+15 45.5	1.632	2.602	5.3	21.3
11 27	2 23.83	+15 13.6	1.671	2.593	9.7	21.5
12 7	2 17.23	+14 50.0	1.734	2.583	13.6	21.7

154405 2003 AK_{57} 11 5.7 271°.07 2°.6/ 7.2 18

9 28	3 13.96	+22 38.2	1.677	2.469	17.3	20.4
10 8	3 9.96	+22 54.9	1.581	2.455	14.1	20.1
10 18	3 2.96	+22 58.3	1.504	2.441	10.1	19.9
10 28	2 53.52	+22 47.1	1.452	2.427	5.8	19.6
11 7	2 42.73	+22 22.1	1.425	2.413	2.6	19.4
11 17	2 31.94	+21 46.7	1.427	2.398	5.7	19.5
11 27	2 22.59	+21 7.2	1.455	2.384	10.2	19.8
12 7	2 15.78	+20 30.9	1.507	2.369	14.5	20.0

347576 2001 AP_{28} 11 5.7 353°.61 7°.7/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.75	+30 35.4	1.460	2.235	20.2	19.4
10 8	3 11.32	+31 56.1	1.380	2.231	17.1	19.1
10 18	3 4.30	+33 0.1	1.318	2.228	13.6	18.9
10 28	2 54.29	+33 41.1	1.277	2.226	10.0	18.7
11 7	2 42.61	+33 55.0	1.260	2.224	7.8	18.6
11 17	2 30.98	+33 42.4	1.268	2.224	8.6	18.6
11 27	2 21.22	+33 9.4	1.300	2.223	11.7	18.8
12 7	2 14.62	+32 26.1	1.355	2.224	15.3	19.0

5020 Asimov 11 5.7 49°.52 0°.5/ 5.5 18

9 28	3 14.71	+17 38.1	1.015	1.857	22.8	17.1
10 8	3 11.13	+17 13.6	0.972	1.879	17.8	16.8
10 18	3 3.76	+16 33.2	0.946	1.902	12.0	16.6
10 28	2 53.73	+15 41.0	0.941	1.926	5.6	16.3
11 7	2 42.77	+14 43.9	0.960	1.950	1.1	16.1
11 17	2 32.71	+13 51.0	1.003	1.975	7.3	16.6
11 27	2 25.11	+13 10.5	1.069	2.000	12.8	17.0
12 7	2 20.83	+12 47.7	1.156	2.026	17.4	17.4

395929 2013 AM_{100} 11 5.7 305°.90 0°.6/ 5.3 18

9 28	3 10.58	+15 56.4	1.738	2.550	16.0	21.2
10 8	3 6.87	+15 41.3	1.652	2.544	12.6	21.0
10 18	3 0.56	+15 16.6	1.587	2.537	8.6	20.7
10 28	2 52.26	+14 44.4	1.547	2.531	4.1	20.4
11 7	2 42.95	+14 8.3	1.534	2.524	1.0	20.2
11 17	2 33.80	+13 33.2	1.549	2.518	5.6	20.5
11 27	2 25.98	+13 4.5	1.591	2.513	10.1	20.8
12 7	2 20.38	+12 46.6	1.656	2.507	14.0	21.0

377126 2003 BU_{66} 11 5.7 325°.38 2°.5/ 7.1 18

9 28	3 7.47	+22 32.0	1.271	2.096	20.1	20.3
10 8	3 5.71	+22 38.2	1.182	2.077	16.3	20.0
10 18	3 0.54	+22 26.4	1.112	2.059	11.7	19.7
10 28	2 52.53	+21 55.6	1.062	2.041	6.5	19.4
11 7	2 42.89	+21 7.9	1.036	2.025	2.5	19.1
11 17	2 33.26	+20 9.2	1.034	2.009	6.5	19.3
11 27	2 25.36	+19 9.2	1.057	1.995	12.1	19.5
12 7	2 20.47	+18 17.6	1.100	1.981	17.2	19.8

70539 1999 TR_{122} 11 5.7 336°.90 2°.3/ 4.4 18

9 28	3 8.47	+12 47.4	1.477	2.310	17.3	18.8
10 8	3 5.61	+12 18.1	1.397	2.301	13.6	18.5
10 18	2 59.91	+11 40.0	1.338	2.293	9.3	18.3
10 28	2 52.01	+10 56.9	1.302	2.286	4.6	18.0
11 7	2 42.99	+10 14.4	1.292	2.279	2.7	17.8
11 17	2 34.16	+ 9 38.7	1.307	2.273	7.0	18.1
11 27	2 26.82	+ 9 15.6	1.348	2.268	11.8	18.3
12 7	2 21.93	+ 9 8.8	1.411	2.263	15.9	18.6

137588 1999 VN_{147} 11 5.7 359°.50 0°.8/ 5.3 18

9 28	3 4.10	+16 42.7	0.981	1.844	21.9	19.3
10 8	3 3.40	+16 24.1	0.920	1.839	17.3	19.1
10 18	2 59.01	+15 49.4	0.874	1.836	11.8	18.7
10 28	2 51.73	+15 2.0	0.849	1.835	5.6	18.4
11 7	2 43.03	+14 9.0	0.845	1.835	1.4	18.1
11 17	2 34.70	+13 19.4	0.863	1.838	7.7	18.6
11 27	2 28.47	+12 42.6	0.904	1.842	13.6	18.9
12 7	2 25.45	+12 24.5	0.963	1.848	18.7	19.2

411950 2012 HY_{14} 11 5.7 254°.19 5°.0/ 1.6 18

9 28	3 8.05	+ 2 3.0	2.327	3.141	12.4	20.4
10 8	3 4.03	+ 1 13.3	2.248	3.136	9.9	20.2
10 18	2 58.17	+ 0 24.3	2.192	3.131	7.2	20.0
10 28	2 50.98	− 0 19.4	2.162	3.126	5.3	19.9
11 7	2 43.15	− 0 52.9	2.161	3.122	5.4	19.9
11 17	2 35.49	− 1 12.5	2.188	3.116	7.5	20.0
11 27	2 28.77	− 1 15.9	2.242	3.111	10.1	20.2
12 7	2 23.61	− 1 2.6	2.320	3.106	12.7	20.3

484015 2006 DN_{75} 11 5.7 95°.59 6°.1/10.9 17

9 28	3 13.62	+35 19.6	2.395	3.108	14.8	22.0
10 8	3 8.89	+36 3.2	2.307	3.113	12.7	21.8
10 18	3 1.76	+36 30.9	2.240	3.118	10.2	21.7
10 28	2 52.78	+36 39.4	2.196	3.122	7.9	21.5
11 7	2 42.89	+36 27.7	2.178	3.127	6.3	21.5
11 17	2 33.14	+35 57.1	2.189	3.132	6.5	21.5
11 27	2 24.62	+35 12.1	2.227	3.136	8.3	21.6
12 7	2 18.14	+34 19.3	2.291	3.141	10.7	21.8

364118 2006 AV_{61} 11 5.7 67°.41 4°.8/ 1.8 18

9 28	3 7.83	+ 3 33.6	2.228	3.044	12.8	20.7
10 8	3 3.91	+ 2 40.5	2.153	3.045	10.1	20.5
10 18	2 58.10	+ 1 47.1	2.102	3.045	7.3	20.4
10 28	2 50.94	+ 0 58.2	2.078	3.046	5.1	20.2
11 7	2 43.17	+ 0 18.8	2.081	3.046	5.1	20.2
11 17	2 35.60	− 0 7.0	2.113	3.047	7.4	20.4
11 27	2 29.03	− 0 16.6	2.172	3.047	10.2	20.6
12 7	2 24.08	− 0 9.4	2.254	3.048	12.8	20.7

358238 2006 SD_{335} 11 5.7 347°.64 0°.7/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.26	+17 10.7	1.598	2.412	17.1	20.7
10 8	3 7.71	+17 30.2	1.516	2.407	13.6	20.5
10 18	3 1.31	+17 41.1	1.453	2.402	9.4	20.2
10 28	2 52.69	+17 43.7	1.415	2.397	4.7	20.0
11 7	2 42.91	+17 39.8	1.403	2.393	0.8	19.7
11 17	2 33.26	+17 32.3	1.418	2.390	5.5	20.0
11 27	2 25.08	+17 25.9	1.459	2.388	10.2	20.3
12 7	2 19.34	+17 25.1	1.524	2.386	14.3	20.5

284529 2007 RM_{139} 11 5.8 10°.08 10°.4/ 9.9 18

9 28	3 11.36	+30 28.0	1.049	1.860	24.3	19.1
10 8	3 9.67	+32 39.3	0.994	1.865	20.7	18.9
10 18	3 3.70	+34 30.6	0.954	1.873	16.7	18.7
10 28	2 54.15	+35 51.9	0.934	1.882	12.8	18.5
11 7	2 42.69	+36 36.4	0.934	1.894	10.5	18.4
11 17	2 31.55	+36 43.6	0.955	1.909	11.1	18.5
11 27	2 22.94	+36 21.7	0.998	1.925	14.0	18.7
12 7	2 18.27	+35 43.5	1.060	1.944	17.5	19.0

356773 2011 UR_{280} 11 5.8 59°.76 2°.8/ 7.5 18

9 28	3 13.01	+23 37.2	1.832	2.617	16.4	21.0
10 8	3 8.69	+23 55.9	1.754	2.623	13.2	20.8
10 18	3 1.73	+24 1.4	1.696	2.629	9.5	20.6
10 28	2 52.79	+23 53.0	1.662	2.635	5.5	20.4
11 7	2 42.91	+23 31.6	1.656	2.642	2.8	20.2
11 17	2 33.28	+23 0.8	1.677	2.648	5.1	20.4
11 27	2 25.07	+22 26.0	1.727	2.655	9.0	20.6
12 7	2 19.15	+21 53.3	1.801	2.661	12.6	20.8

136367 Gierlinger 11 5.8 139°.90 3°.3/ 2.5 18

9 28	3 6.60	+ 5 22.1	2.832	3.639	10.6	20.3
10 8	3 2.52	+ 4 43.2	2.756	3.643	8.3	20.2
10 18	2 56.95	+ 4 3.5	2.704	3.648	5.8	20.0
10 28	2 50.34	+ 3 26.3	2.680	3.652	3.7	19.9
11 7	2 43.27	+ 2 54.9	2.685	3.656	3.6	19.9
11 17	2 36.37	+ 2 32.5	2.720	3.660	5.6	20.0
11 27	2 30.25	+ 2 21.1	2.783	3.664	8.0	20.2
12 7	2 25.40	+ 2 21.8	2.871	3.667	10.3	20.4

104204 2000 EA_{111} 11 5.8 248°.20 3°.5/ 8.4 17

9 28	3 13.55	+27 4.2	2.712	3.455	12.6	20.1
10 8	3 8.49	+27 39.9	2.604	3.443	10.4	19.9
10 18	3 1.35	+28 5.7	2.519	3.430	7.8	19.7
10 28	2 52.59	+28 19.8	2.460	3.418	5.2	19.6
11 7	2 42.94	+28 21.5	2.429	3.405	3.5	19.4
11 17	2 33.24	+28 12.0	2.429	3.391	4.6	19.5
11 27	2 24.43	+27 54.2	2.459	3.378	7.2	19.6
12 7	2 17.26	+27 32.5	2.516	3.364	9.9	19.8

225496 2000 KX_2 11 5.8 284°.68 6°.2/ 3.4 18

9 28	3 21.50	+ 0 10.5	1.658	2.464	16.9	19.6
10 8	3 15.92	+ 0 6.5	1.553	2.435	13.8	19.3
10 18	3 7.13	+ 0 8.3	1.467	2.405	10.3	19.0
10 28	2 55.64	+ 0 21.4	1.407	2.375	7.0	18.7
11 7	2 42.49	+ 0 50.7	1.374	2.344	6.5	18.6
11 17	2 29.08	+ 1 39.1	1.370	2.313	9.5	18.7
11 27	2 16.99	+ 2 47.1	1.393	2.282	13.8	18.9
12 7	2 7.46	+ 4 12.7	1.439	2.250	17.9	19.1

421601 2014 OS_{229} 11 5.8 79°.02 3°.8/ 8.7 18

9 28	3 12.08	+27 51.2	2.325	3.079	14.2	20.9
10 8	3 7.48	+28 17.9	2.242	3.086	11.6	20.7
10 18	3 0.68	+28 31.7	2.179	3.094	8.7	20.5
10 28	2 52.24	+28 31.1	2.142	3.101	5.8	20.4
11 7	2 43.01	+28 16.4	2.133	3.109	3.8	20.3
11 17	2 33.97	+27 49.8	2.152	3.116	4.9	20.3
11 27	2 26.07	+27 15.6	2.201	3.124	7.6	20.5
12 7	2 20.06	+26 39.3	2.275	3.131	10.5	20.7

209965 2006 GN_{50} 11 5.8 150°.57 2°.6/ 7.4 17

9 28	3 16.64	+24 11.9	1.589	2.376	18.4	21.1
10 8	3 11.92	+24 11.1	1.512	2.382	14.8	20.9
10 18	3 4.12	+23 53.4	1.454	2.388	10.6	20.7
10 28	2 53.99	+23 18.2	1.419	2.394	6.0	20.4
11 7	2 42.77	+22 27.7	1.411	2.399	2.6	20.2
11 17	2 31.91	+21 27.6	1.431	2.403	5.6	20.4
11 27	2 22.79	+20 25.9	1.478	2.407	10.2	20.7
12 7	2 16.38	+19 30.7	1.550	2.410	14.3	21.0

239060 2006 FV_{24} 11 5.8 147°.27 1°.4/ 4.8 18

9 28	3 11.10	+14 55.1	1.843	2.652	15.3	21.0
10 8	3 6.98	+14 20.7	1.764	2.655	12.0	20.8
10 18	3 0.45	+13 36.9	1.708	2.658	8.1	20.6
10 28	2 52.16	+12 47.0	1.676	2.660	3.8	20.3
11 7	2 43.05	+11 55.5	1.673	2.662	1.7	20.2
11 17	2 34.20	+11 8.0	1.698	2.664	5.7	20.4
11 27	2 26.66	+10 29.7	1.751	2.666	9.8	20.7
12 7	2 21.20	+10 4.6	1.828	2.667	13.4	20.9

421553 2014 OS_{187} 11 5.8 356°.44 6°.1/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.63	+32 25.3	1.956	2.705	16.6	20.6
10 8	3 7.07	+33 9.2	1.869	2.703	14.1	20.4
10 18	3 0.81	+33 36.4	1.801	2.701	11.1	20.2
10 28	2 52.45	+33 43.2	1.756	2.699	8.2	20.1
11 7	2 42.99	+33 28.7	1.736	2.699	6.3	19.9
11 17	2 33.66	+32 54.7	1.743	2.698	6.8	20.0
11 27	2 25.69	+32 6.7	1.777	2.699	9.2	20.1
12 7	2 20.02	+31 12.4	1.836	2.699	12.2	20.3

520769 2014 SQ_{118} 11 5.8 311°.72 1°.2/ 4.8 18

9 28	3 7.55	+14 20.7	2.263	3.068	13.0	21.7
10 8	3 3.81	+13 52.3	2.175	3.064	10.2	21.5
10 18	2 58.12	+13 16.6	2.111	3.060	6.8	21.3
10 28	2 51.01	+12 36.3	2.073	3.057	3.2	21.0
11 7	2 43.21	+11 54.9	2.064	3.053	1.5	20.9
11 17	2 35.57	+11 16.6	2.084	3.050	4.9	21.1
11 27	2 28.91	+10 45.4	2.133	3.046	8.4	21.3
12 7	2 23.89	+10 24.5	2.207	3.043	11.5	21.5

520641 2014 PQ_{76} 11 5.8 138°.30 3°.7/ 2.3 18

9 28	3 8.60	+ 5 17.1	2.620	3.426	11.4	22.0
10 8	3 4.15	+ 4 27.3	2.549	3.436	8.9	21.8
10 18	2 58.08	+ 3 36.5	2.502	3.445	6.3	21.7
10 28	2 50.90	+ 2 48.4	2.484	3.455	4.1	21.5
11 7	2 43.24	+ 2 7.3	2.494	3.463	4.0	21.5
11 17	2 35.80	+ 1 36.6	2.534	3.472	6.1	21.7
11 27	2 29.25	+ 1 18.8	2.603	3.480	8.6	21.9
12 7	2 24.12	+ 1 14.8	2.696	3.487	11.0	22.1

337103 1999 JA_5 11 5.8 70°.72 1°.4/ 6.9 17

9 28	3 17.18	+26 4.2	1.677	2.453	18.0	20.5
10 8	3 11.46	+24 55.1	1.627	2.493	14.2	20.3
10 18	3 3.15	+23 26.2	1.598	2.533	9.9	20.2
10 28	2 53.24	+21 40.9	1.595	2.572	5.1	20.0
11 7	2 42.94	+19 46.2	1.621	2.610	1.4	19.8
11 17	2 33.46	+17 51.6	1.677	2.648	5.0	20.2
11 27	2 25.83	+16 6.3	1.762	2.686	9.1	20.5
12 7	2 20.62	+14 37.5	1.872	2.722	12.7	20.8

123618 2000 YS_{25} 11 5.8 44°.54 9°.1/13.2 18

9 28	3 14.13	+39 56.7	1.425	2.162	22.3	18.0
10 8	3 10.65	+40 24.5	1.368	2.183	19.2	17.9
10 18	3 3.50	+40 21.7	1.325	2.205	15.7	17.7
10 28	2 53.69	+39 43.4	1.302	2.227	12.2	17.5
11 7	2 42.85	+38 29.6	1.301	2.250	9.6	17.5
11 17	2 32.76	+36 46.6	1.325	2.273	9.3	17.5
11 27	2 24.98	+34 46.6	1.374	2.297	11.3	17.7
12 7	2 20.41	+32 43.7	1.447	2.321	14.3	17.9

346886 Middelburg 11 5.8 46°.31 5°.3/ 9.9 14 C

9 28	3 11.40	+36 57.9	0.956	1.753	27.1	20.4
10 8	3 9.56	+35 35.7	0.894	1.762	22.7	20.2
10 18	3 3.23	+33 22.9	0.845	1.772	17.2	19.9
10 28	2 53.64	+30 17.9	0.816	1.782	11.0	19.6
11 7	2 42.87	+26 31.7	0.809	1.793	5.7	19.4
11 17	2 33.14	+22 27.6	0.828	1.804	7.5	19.5
11 27	2 26.26	+18 34.9	0.873	1.816	13.2	19.9
12 7	2 23.13	+15 16.5	0.940	1.828	18.7	20.2

253266 2003 AQ_{66} 11 5.8 309°.56 10°.3/12.4 17

9 28	3 14.74	+40 53.3	1.870	2.573	18.7	20.5
10 8	3 11.20	+42 11.6	1.770	2.556	16.7	20.3
10 18	3 4.24	+43 10.4	1.687	2.539	14.3	20.1
10 28	2 54.36	+43 42.3	1.625	2.523	12.1	19.9
11 7	2 42.71	+43 42.2	1.585	2.507	10.5	19.8
11 17	2 30.89	+43 9.1	1.570	2.491	10.4	19.7
11 27	2 20.68	+42 7.8	1.579	2.475	12.0	19.8
12 7	2 13.41	+40 48.4	1.611	2.460	14.4	19.9

15876 1996 VO_{38} 11 5.8 85°.15 1°.5/ 4.6 18

9 28	3 9.93	+13 37.1	2.018	2.826	14.2	18.4
10 8	3 5.81	+13 8.5	1.942	2.833	11.1	18.2
10 18	2 59.52	+12 32.8	1.889	2.839	7.5	18.0
10 28	2 51.68	+11 52.9	1.862	2.845	3.6	17.8
11 7	2 43.14	+11 13.0	1.863	2.852	1.8	17.7
11 17	2 34.86	+10 37.4	1.893	2.858	5.4	17.9
11 27	2 27.76	+10 10.4	1.951	2.864	9.1	18.1
12 7	2 22.53	+ 9 55.0	2.034	2.870	12.4	18.4

405312 2003 UP_{69} 11 5.8 156°.15 1°.9/ 7.2 18

9 28	3 11.65	+22 7.9	2.445	3.217	13.1	21.3
10 8	3 6.97	+22 24.5	2.355	3.218	10.5	21.2
10 18	3 0.26	+22 31.9	2.288	3.220	7.5	21.0
10 28	2 52.05	+22 29.7	2.247	3.221	4.2	20.8
11 7	2 43.08	+22 18.7	2.235	3.222	1.9	20.6
11 17	2 34.25	+22 1.2	2.253	3.224	4.1	20.8
11 27	2 26.42	+21 40.7	2.301	3.225	7.3	21.0
12 7	2 20.30	+21 21.4	2.375	3.226	10.3	21.2

393729 2004 XC_{169} 11 5.8 333°.58 4°.2/ 4.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.98	+ 5 42.5	1.390	2.223	18.2	21.1
10 8	3 10.21	+ 5 48.9	1.309	2.211	14.5	20.8
10 18	3 3.25	+ 5 56.9	1.247	2.199	10.2	20.5
10 28	2 53.73	+ 6 10.7	1.208	2.188	5.8	20.3
11 7	2 42.83	+ 6 34.0	1.195	2.178	4.4	20.2
11 17	2 32.03	+ 7 9.3	1.208	2.169	8.3	20.4
11 27	2 22.84	+ 7 58.2	1.246	2.161	13.0	20.6
12 7	2 16.39	+ 9 0.4	1.306	2.153	17.2	20.9

185400 2006 WK_{94} 11 5.8 263°.80 1°.1/ 4.9 18

9 28	3 9.53	+15 3.2	2.019	2.826	14.3	20.9
10 8	3 5.60	+14 35.8	1.935	2.824	11.2	20.7
10 18	2 59.46	+13 59.9	1.874	2.823	7.6	20.5
10 28	2 51.69	+13 18.1	1.838	2.821	3.6	20.2
11 7	2 43.14	+12 34.5	1.830	2.820	1.4	20.1
11 17	2 34.78	+11 53.5	1.851	2.818	5.2	20.3
11 27	2 27.58	+11 20.1	1.901	2.817	9.1	20.6
12 7	2 22.25	+10 57.8	1.974	2.815	12.5	20.8

17400 1985 PL_{1} 11 5.8 60°.45 3°.2/ 3.1 18

9 28	3 7.60	+11 4.9	1.974	2.792	14.1	18.8
10 8	3 3.99	+ 9 56.3	1.901	2.797	11.0	18.6
10 18	2 58.28	+ 8 40.6	1.851	2.803	7.4	18.4
10 28	2 51.08	+ 7 22.9	1.828	2.808	4.1	18.2
11 7	2 43.24	+ 6 9.4	1.833	2.813	3.6	18.2
11 17	2 35.67	+ 5 6.2	1.866	2.819	6.6	18.4
11 27	2 29.26	+ 4 18.4	1.927	2.825	10.1	18.6
12 7	2 24.66	+ 3 48.5	2.011	2.830	13.2	18.8

261740 2006 AG_{98} 11 5.8 219°.97 8°.1/28.2 18

9 28	3 9.99	−15 28.6	3.064	3.830	10.8	20.8
10 8	3 5.09	−16 25.0	2.994	3.821	9.5	20.7
10 18	2 58.68	−17 11.7	2.946	3.811	8.5	20.6
10 28	2 51.20	−17 43.7	2.925	3.801	8.1	20.6
11 7	2 43.23	−17 57.3	2.930	3.790	8.5	20.6
11 17	2 35.39	−17 50.4	2.960	3.779	9.5	20.7
11 27	2 28.34	−17 22.5	3.015	3.767	10.9	20.8
12 7	2 22.57	−16 35.5	3.092	3.755	12.3	20.9

441646 2008 WO_{31} 11 5.8 62°.77 1°.1/ 6.5 18

9 28	3 12.89	+20 31.9	1.586	2.390	17.7	20.8
10 8	3 8.73	+20 23.9	1.521	2.405	14.0	20.6
10 18	3 1.78	+20 2.1	1.476	2.420	9.7	20.4
10 28	2 52.81	+19 27.7	1.455	2.436	4.9	20.2
11 7	2 43.00	+18 44.4	1.461	2.451	1.2	19.9
11 17	2 33.63	+17 57.6	1.494	2.467	5.3	20.3
11 27	2 25.91	+17 13.8	1.554	2.483	9.8	20.6
12 7	2 20.65	+16 39.0	1.639	2.498	13.6	20.8

143028 2002 VK_{115} 11 5.8 214°.57 3°.4/ 8.0 18

9 28	3 13.42	+25 39.3	2.057	2.825	15.3	20.6
10 8	3 8.89	+26 2.4	1.966	2.823	12.5	20.4
10 18	3 1.86	+26 12.6	1.897	2.821	9.2	20.2
10 28	2 52.91	+26 8.3	1.852	2.819	5.7	19.9
11 7	2 42.97	+25 50.0	1.835	2.817	3.4	19.8
11 17	2 33.16	+25 20.1	1.846	2.814	5.1	19.9
11 27	2 24.61	+24 43.7	1.886	2.812	8.5	20.1
12 7	2 18.17	+24 6.9	1.951	2.809	11.9	20.3

367824 2011 BF_{11} 11 5.8 246°.45 7°.3/29.4 17

9 28	3 7.06	− 7 0.2	2.574	3.377	11.7	21.0
10 8	3 3.12	− 8 13.6	2.500	3.368	9.8	20.9
10 18	2 57.51	− 9 21.6	2.450	3.359	8.1	20.7
10 28	2 50.69	−10 18.4	2.426	3.350	7.3	20.7
11 7	2 43.29	−10 58.8	2.429	3.340	7.8	20.7
11 17	2 36.04	−11 19.3	2.458	3.331	9.3	20.8
11 27	2 29.62	−11 18.5	2.513	3.321	11.2	20.9
12 7	2 24.61	−10 56.9	2.589	3.311	13.1	21.0

635 Vundtia 11 5.8 350°.75 3°.5/ 2.7 18

9 28	3 5.92	+ 9 16.1	2.085	2.906	13.4	13.7
10 8	3 2.63	+ 8 12.4	2.007	2.904	10.4	13.5
10 18	2 57.37	+ 7 3.2	1.951	2.902	7.2	13.3
10 28	2 50.67	+ 5 53.4	1.922	2.901	4.2	13.1
11 7	2 43.32	+ 4 48.7	1.922	2.899	3.9	13.1
11 17	2 36.16	+ 3 54.7	1.949	2.898	6.7	13.3
11 27	2 30.04	+ 3 15.8	2.004	2.898	10.0	13.5
12 7	2 25.61	+ 2 54.2	2.082	2.897	12.9	13.7

218541 2004 VW_{74} 11 5.8 38°.38 15°.5/ 5.5 17

9 28	3 35.10	−17 7.3	0.954	1.757	26.7	18.7
10 8	3 27.53	−17 0.7	0.905	1.765	23.2	18.5
10 18	3 15.18	−16 20.4	0.870	1.774	19.5	18.3
10 28	2 59.31	−14 53.6	0.855	1.783	16.5	18.2
11 7	2 42.13	−12 35.5	0.860	1.793	15.5	18.2
11 17	2 26.15	− 9 32.7	0.890	1.804	17.1	18.3
11 27	2 13.46	− 6 0.4	0.943	1.815	20.3	18.6
12 7	2 5.14	− 2 15.6	1.017	1.827	23.7	18.9

222383 2001 DZ_{47} 11 5.8 119°.61 3°.5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.07	+27 50.1	2.433	3.184	13.7	20.7
10 8	3 7.38	+28 10.7	2.347	3.190	11.2	20.6
10 18	3 0.58	+28 18.5	2.283	3.197	8.4	20.4
10 28	2 52.22	+28 12.5	2.244	3.203	5.5	20.2
11 7	2 43.11	+27 52.9	2.233	3.209	3.6	20.1
11 17	2 34.17	+27 22.2	2.251	3.215	4.6	20.2
11 27	2 26.33	+26 44.7	2.299	3.221	7.4	20.4
12 7	2 20.29	+26 5.6	2.373	3.227	10.2	20.6

71162 1999 XX_{197} 11 5.8 324°.43 0°.9/ 5.2 18

9 28	3 11.58	+12 58.0	2.083	2.887	14.0	18.3
10 8	3 7.21	+13 5.4	1.994	2.881	11.0	18.1
10 18	3 0.60	+13 8.4	1.927	2.875	7.5	17.9
10 28	2 52.28	+13 8.4	1.886	2.869	3.6	17.6
11 7	2 43.10	+13 7.4	1.874	2.864	1.2	17.4
11 17	2 34.02	+13 8.1	1.891	2.859	5.0	17.7
11 27	2 26.03	+13 13.3	1.936	2.854	8.9	17.9
12 7	2 19.92	+13 25.5	2.006	2.849	12.3	18.1

72095 2000 YY_{47} 11 5.8 128°.74 2°.8/ 8.1 18

9 28	3 13.30	+26 36.2	2.050	2.815	15.5	19.7
10 8	3 8.58	+26 26.4	1.970	2.826	12.6	19.5
10 18	3 1.48	+26 0.7	1.911	2.836	9.1	19.3
10 28	2 52.65	+25 19.1	1.878	2.846	5.5	19.1
11 7	2 43.07	+24 23.7	1.872	2.856	2.9	18.9
11 17	2 33.81	+23 19.3	1.895	2.865	4.7	19.1
11 27	2 25.90	+22 12.3	1.947	2.874	8.2	19.3
12 7	2 20.09	+21 9.5	2.026	2.882	11.6	19.5

326605 2002 RW_{31} 11 5.8 99°.85 8°.4/14.1 17

9 28	3 18.14	+44 36.1	2.669	3.310	14.9	20.7
10 8	3 12.59	+45 41.2	2.588	3.323	13.3	20.5
10 18	3 4.38	+46 28.2	2.526	3.335	11.5	20.4
10 28	2 54.13	+46 52.5	2.485	3.348	9.8	20.3
11 7	2 42.84	+46 51.5	2.469	3.360	8.6	20.3
11 17	2 31.71	+46 25.8	2.479	3.372	8.4	20.3
11 27	2 21.94	+45 39.3	2.516	3.384	9.2	20.4
12 7	2 14.43	+44 38.8	2.577	3.396	10.6	20.5

421852 2014 QP_{134} 11 5.8 86°.13 0°.3/ 5.5 17

9 28	3 10.24	+16 36.7	2.279	3.073	13.2	21.8
10 8	3 5.76	+16 20.6	2.207	3.089	10.3	21.6
10 18	2 59.34	+15 56.7	2.159	3.104	7.0	21.4
10 28	2 51.57	+15 26.9	2.137	3.119	3.3	21.2
11 7	2 43.22	+14 54.2	2.143	3.134	0.6	21.1
11 17	2 35.15	+14 22.1	2.180	3.149	4.3	21.4
11 27	2 28.18	+13 54.5	2.245	3.163	7.8	21.6
12 7	2 22.91	+13 34.6	2.337	3.178	10.8	21.8

487320 2014 QQ_{133} 11 5.8 262°.13 4°.8/ 1.6 18

9 28	3 7.26	+ 3 48.7	2.272	3.089	12.6	21.3
10 8	3 3.51	+ 2 47.0	2.192	3.084	9.9	21.1
10 18	2 57.89	+ 1 44.1	2.135	3.078	7.2	20.9
10 28	2 50.92	+ 0 45.0	2.105	3.072	5.1	20.8
11 7	2 43.31	− 0 4.9	2.103	3.067	5.2	20.8
11 17	2 35.85	− 0 41.1	2.130	3.061	7.5	20.9
11 27	2 29.35	− 1 0.4	2.183	3.055	10.2	21.1
12 7	2 24.42	− 1 1.9	2.260	3.050	12.9	21.2

515624 2014 KE_{105} 11 5.8 195°.84 3°.5/ 2.7 18

9 28	3 9.96	+ 7 49.6	2.344	3.151	12.5	22.3
10 8	3 5.54	+ 6 53.3	2.260	3.149	9.8	22.1
10 18	2 59.22	+ 5 53.1	2.200	3.146	6.8	21.9
10 28	2 51.54	+ 4 53.3	2.167	3.143	4.1	21.7
11 7	2 43.22	+ 3 58.7	2.164	3.139	3.9	21.7
11 17	2 35.07	+ 3 14.1	2.190	3.135	6.4	21.9
11 27	2 27.90	+ 2 43.2	2.244	3.130	9.4	22.1
12 7	2 22.33	+ 2 27.8	2.323	3.124	12.2	22.2

440870 2006 TB_{12} 11 5.8 59°.69 1°.5/ 6.6 15

9 28	3 15.69	+19 38.4	1.708	2.503	16.9	21.3
10 8	3 10.66	+19 57.1	1.648	2.527	13.4	21.1
10 18	3 2.95	+20 5.1	1.609	2.551	9.3	20.9
10 28	2 53.35	+20 2.3	1.595	2.574	4.8	20.7
11 7	2 42.99	+19 50.6	1.609	2.598	1.5	20.5
11 17	2 33.10	+19 33.4	1.650	2.622	5.0	20.8
11 27	2 24.82	+19 15.6	1.720	2.646	9.1	21.1
12 7	2 18.93	+19 2.1	1.813	2.670	12.7	21.4

509588 2008 DF_{21} 11 5.8 281°.42 0°.6/ 6.0 18

9 28	3 14.20	+17 48.8	1.460	2.274	18.4	22.2
10 8	3 10.44	+17 54.5	1.373	2.264	14.7	21.9
10 18	3 3.46	+17 49.0	1.305	2.253	10.2	21.6
10 28	2 53.88	+17 32.9	1.260	2.243	5.1	21.3
11 7	2 42.88	+17 8.6	1.242	2.233	0.8	20.9
11 17	2 31.97	+16 40.5	1.250	2.222	6.2	21.3
11 27	2 22.68	+16 15.2	1.284	2.212	11.4	21.6
12 7	2 16.15	+15 58.6	1.340	2.202	16.0	21.8

209594 2004 XZ_{148} 11 5.8 316.°87 4.°4/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.98	+26 15.3	1.474	2.274	19.0	20.2
10 8	3 6.73	+26 40.2	1.372	2.247	15.8	19.9
10 18	3 1.23	+26 48.0	1.288	2.221	11.8	19.6
10 28	2 52.95	+26 35.3	1.226	2.196	7.5	19.3
11 7	2 42.99	+26 1.7	1.188	2.171	4.5	19.1
11 17	2 32.86	+25 10.4	1.175	2.147	6.7	19.1
11 27	2 24.24	+24 9.4	1.188	2.123	11.3	19.3
12 7	2 18.42	+23 8.6	1.222	2.101	16.0	19.5

514590 2001 YQ_{48} 11 5.8 327.°47 4.°9/ 9.1 18

9 28	3 10.88	+29 41.1	1.547	2.328	19.1	21.5
10 8	3 7.83	+29 49.6	1.462	2.322	15.9	21.2
10 18	3 1.63	+29 36.6	1.394	2.317	12.0	21.0
10 28	2 52.96	+28 59.4	1.349	2.312	8.0	20.7
11 7	2 43.03	+27 59.2	1.328	2.307	5.0	20.6
11 17	2 33.33	+26 41.0	1.334	2.303	6.4	20.6
11 27	2 25.31	+25 14.5	1.366	2.299	10.4	20.8
12 7	2 20.03	+23 50.2	1.421	2.295	14.4	21.1

100834 1998 HS_{12} 11 5.8 331.°92 3.°7/ 3.9 18

9 28	3 10.28	+10 29.0	1.250	2.094	19.2	19.7
10 8	3 7.55	+ 9 52.5	1.176	2.086	15.2	19.4
10 18	3 1.54	+ 9 8.1	1.121	2.078	10.4	19.1
10 28	2 52.96	+ 8 21.3	1.088	2.071	5.5	18.8
11 7	2 43.06	+ 7 39.1	1.080	2.065	4.2	18.7
11 17	2 33.38	+ 7 8.8	1.096	2.059	8.6	19.0
11 27	2 25.47	+ 6 56.4	1.136	2.054	13.6	19.2
12 7	2 20.40	+ 7 4.7	1.196	2.049	18.1	19.5

40842 1999 TX_{98} 11 5.8 57.°58 4.°3/ 3.2 18

9 28	3 11.90	+ 8 12.8	1.512	2.342	17.2	18.9
10 8	3 7.77	+ 7 19.8	1.461	2.362	13.3	18.7
10 18	3 1.00	+ 6 23.2	1.430	2.382	9.1	18.5
10 28	2 52.42	+ 5 29.0	1.424	2.402	5.3	18.3
11 7	2 43.16	+ 4 43.7	1.444	2.423	4.7	18.3
11 17	2 34.44	+ 4 12.8	1.491	2.444	8.0	18.6
11 27	2 27.33	+ 4 0.0	1.564	2.465	11.8	18.8
12 7	2 22.56	+ 4 6.1	1.658	2.485	15.1	19.1

74902 1999 TS_{124} 11 5.8 60.°58 3.°2/ 7.7 18

9 28	3 13.65	+24 55.6	1.432	2.231	19.5	19.2
10 8	3 9.97	+25 0.1	1.358	2.235	15.8	19.0
10 18	3 3.03	+24 46.0	1.303	2.239	11.4	18.7
10 28	2 53.60	+24 12.3	1.269	2.243	6.7	18.5
11 7	2 42.98	+23 21.2	1.261	2.248	3.2	18.3
11 17	2 32.72	+22 18.8	1.280	2.252	6.0	18.5
11 27	2 24.30	+21 14.0	1.324	2.257	10.7	18.8
12 7	2 18.73	+20 15.8	1.391	2.261	15.0	19.0

121640 1999 VK_{221} 11 5.8 40.°71 1.°0/ 6.4 18

9 28	3 12.39	+18 30.9	2.042	2.834	14.6	19.8
10 8	3 7.88	+18 48.4	1.962	2.839	11.6	19.6
10 18	3 1.05	+18 57.6	1.903	2.845	8.0	19.4
10 28	2 52.51	+18 58.8	1.870	2.850	4.1	19.2
11 7	2 43.14	+18 53.4	1.866	2.856	1.0	19.0
11 17	2 33.96	+18 43.8	1.890	2.862	4.5	19.3
11 27	2 26.00	+18 33.9	1.943	2.868	8.4	19.5
12 7	2 20.01	+18 27.5	2.022	2.874	11.7	19.7

239228 2006 SC_{56} 11 5.8 14.°55 1.°6/ 6.5 18

9 28	3 12.07	+17 45.7	1.326	2.151	19.4	19.1
10 8	3 8.79	+18 28.2	1.261	2.157	15.4	18.8
10 18	3 2.26	+19 1.4	1.216	2.165	10.7	18.6
10 28	2 53.24	+19 24.5	1.193	2.174	5.5	18.3
11 7	2 43.04	+19 38.1	1.195	2.185	1.7	18.1
11 17	2 33.19	+19 44.7	1.222	2.196	6.0	18.4
11 27	2 25.17	+19 49.1	1.275	2.209	10.9	18.7
12 7	2 19.99	+19 56.1	1.350	2.223	15.1	19.0

509945 2009 RX_{15} 11 5.8 55.°95 0.°9/ 5.3 18

9 28	3 13.89	+16 31.5	1.286	2.113	19.8	21.6
10 8	3 9.89	+16 4.6	1.234	2.133	15.4	21.3
10 18	3 2.72	+15 25.2	1.201	2.154	10.4	21.1
10 28	2 53.31	+14 36.9	1.190	2.175	4.8	20.9
11 7	2 43.06	+13 45.7	1.206	2.196	1.3	20.7
11 17	2 33.45	+12 58.5	1.247	2.217	6.5	21.1
11 27	2 25.83	+12 22.2	1.314	2.239	11.5	21.4
12 7	2 21.01	+12 1.3	1.403	2.261	15.6	21.8

421749 2014 PY_{52} 11 5.8 104.°58 0.°1/ 5.7 18

9 28	3 9.90	+17 28.6	2.352	3.143	13.0	21.7
10 8	3 5.49	+17 9.0	2.276	3.155	10.2	21.5
10 18	2 59.18	+16 41.1	2.223	3.167	6.9	21.4
10 28	2 51.53	+16 6.6	2.196	3.178	3.3	21.1
11 7	2 43.30	+15 28.5	2.199	3.189	0.5	20.9
11 17	2 35.31	+14 50.5	2.231	3.201	4.2	21.2
11 27	2 28.38	+14 16.6	2.293	3.211	7.6	21.5
12 7	2 23.10	+13 50.4	2.381	3.222	10.6	21.7

62960 2000 VP_{40} 11 5.8 75.°58 0.°3/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.70	+18 34.9	2.040	2.835	14.5	20.1
10 8	3 6.45	+18 22.4	1.966	2.846	11.4	19.9
10 18	3 0.00	+17 59.9	1.913	2.857	7.8	19.7
10 28	2 51.96	+17 29.0	1.887	2.868	3.8	19.5
11 7	2 43.24	+16 52.8	1.889	2.879	0.5	19.3
11 17	2 34.80	+16 15.2	1.919	2.890	4.5	19.6
11 27	2 27.58	+15 41.0	1.978	2.901	8.4	19.9
12 7	2 22.28	+15 14.4	2.063	2.912	11.7	20.1

187534 2006 UU_{86} 11 5.8 231.°82 0.°4/ 6.0 18

9 28	3 16.00	+17 26.6	1.694	2.494	16.9	20.8
10 8	3 11.37	+17 33.0	1.604	2.487	13.4	20.6
10 18	3 3.83	+17 30.0	1.535	2.480	9.3	20.3
10 28	2 54.00	+17 17.9	1.490	2.472	4.6	20.0
11 7	2 42.95	+16 58.9	1.473	2.464	0.7	19.7
11 17	2 32.00	+16 36.7	1.484	2.455	5.6	20.1
11 27	2 22.51	+16 16.6	1.523	2.447	10.3	20.3
12 7	2 15.47	+16 3.6	1.585	2.438	14.4	20.5

294113 2007 TL_{237} 11 5.8 173.°25 1.°0/ 5.1 18

9 28	3 12.48	+14 29.3	2.108	2.907	14.0	21.5
10 8	3 7.80	+14 11.3	2.024	2.909	11.0	21.3
10 18	3 0.93	+13 46.1	1.963	2.910	7.4	21.1
10 28	2 52.44	+13 15.9	1.929	2.912	3.5	20.9
11 7	2 43.19	+12 44.1	1.923	2.912	1.3	20.7
11 17	2 34.13	+12 14.4	1.947	2.913	5.0	21.0
11 27	2 26.23	+11 51.1	1.999	2.913	8.8	21.2
12 7	2 20.21	+11 37.4	2.076	2.913	12.1	21.4

121220 1999 RK_{13} 11 5.8 38.°33 4.°1/ 8.0 18

9 28	3 15.07	+25 0.4	1.225	2.034	21.6	18.8
10 8	3 11.17	+25 32.1	1.180	2.061	17.4	18.6
10 18	3 3.76	+25 44.2	1.152	2.088	12.6	18.5
10 28	2 53.85	+25 35.3	1.145	2.117	7.5	18.3
11 7	2 43.01	+25 7.3	1.162	2.146	4.1	18.2
11 17	2 32.94	+24 26.1	1.205	2.176	6.4	18.4
11 27	2 25.11	+23 40.3	1.272	2.207	10.8	18.7
12 7	2 20.38	+22 58.7	1.362	2.238	14.8	19.0

222419 2001 JF_{11} 11 5.8 132.°12 2.°5/ 3.9 16

9 28	3 14.95	+11 50.9	1.917	2.721	15.0	21.9
10 8	3 9.70	+11 2.9	1.849	2.737	11.7	21.7
10 18	3 2.15	+10 8.2	1.804	2.752	7.9	21.5
10 28	2 52.97	+ 9 11.0	1.786	2.767	4.0	21.3
11 7	2 43.14	+ 8 16.5	1.796	2.780	2.9	21.3
11 17	2 33.70	+ 7 30.1	1.835	2.793	6.2	21.5
11 27	2 25.63	+ 6 56.2	1.903	2.805	9.9	21.8
12 7	2 19.63	+ 6 37.5	1.995	2.817	13.2	22.0

325369 Shishilov 11 5.8 55.°10 2.°5/ 3.6 18

9 28	3 6.97	+11 25.1	2.208	3.021	13.0	20.6
10 8	3 3.31	+10 32.6	2.134	3.027	10.1	20.4
10 18	2 57.76	+ 9 34.1	2.083	3.034	6.8	20.2
10 28	2 50.89	+ 8 33.7	2.059	3.040	3.6	20.0
11 7	2 43.43	+ 7 36.1	2.064	3.047	2.8	20.0
11 17	2 36.20	+ 6 46.3	2.098	3.054	5.7	20.2
11 27	2 30.01	+ 6 8.3	2.159	3.061	8.9	20.4
12 7	2 25.44	+ 5 44.7	2.245	3.068	11.9	20.6

285472 2000 AD_{208} 11 5.8 34.°65 3.°1/ 3.7 18

9 28	3 10.67	+ 7 20.2	2.162	2.973	13.3	20.0
10 8	3 6.27	+ 7 1.7	2.084	2.974	10.4	19.8
10 18	2 59.83	+ 6 41.6	2.028	2.976	7.2	19.6
10 28	2 51.91	+ 6 23.2	1.999	2.977	4.1	19.4
11 7	2 43.29	+ 6 10.0	1.998	2.979	3.4	19.4
11 17	2 34.87	+ 6 5.0	2.027	2.980	6.1	19.6
11 27	2 27.52	+ 6 10.7	2.083	2.982	9.3	19.8
12 7	2 21.91	+ 6 28.1	2.163	2.984	12.3	20.0

442332 2011 SK_{166} 11 5.8 44.°12 0.°2/ 5.6 18

9 28	3 9.72	+18 16.5	1.640	2.453	16.8	21.1
10 8	3 6.19	+17 44.8	1.572	2.463	13.2	20.9
10 18	3 0.06	+17 0.3	1.525	2.474	8.9	20.7
10 28	2 52.07	+16 6.0	1.501	2.485	4.2	20.4
11 7	2 43.28	+15 6.7	1.505	2.496	0.7	20.2
11 17	2 34.86	+14 8.8	1.536	2.507	5.5	20.6
11 27	2 27.92	+13 18.8	1.595	2.519	9.9	20.9
12 7	2 23.24	+12 41.7	1.676	2.531	13.7	21.1

460307 2014 QW_{377} 11 5.8 36.°11 8.°7/12.3 17

9 28	3 16.23	+38 34.5	1.940	2.650	17.9	20.8
10 8	3 11.72	+39 52.1	1.870	2.665	15.6	20.6
10 18	3 4.13	+40 49.8	1.819	2.680	13.0	20.5
10 28	2 54.15	+41 22.2	1.789	2.696	10.6	20.4
11 7	2 42.99	+41 26.3	1.783	2.713	9.0	20.3
11 17	2 32.07	+41 3.3	1.803	2.730	8.9	20.4
11 27	2 22.83	+40 18.7	1.849	2.748	10.4	20.5
12 7	2 16.27	+39 21.4	1.918	2.765	12.5	20.7

82900 2001 QX_{94} 11 5.8 26°.77 1°.5/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.96	+20 42.7	1.727	2.528	16.6	19.0
10 8	3 7.21	+20 47.8	1.651	2.533	13.2	18.8
10 18	3 0.83	+20 40.8	1.596	2.538	9.2	18.6
10 28	2 52.49	+20 22.0	1.565	2.544	4.9	18.3
11 7	2 43.22	+19 53.6	1.560	2.550	1.5	18.1
11 17	2 34.22	+19 19.9	1.584	2.557	5.0	18.4
11 27	2 26.65	+18 46.5	1.634	2.563	9.3	18.6
12 7	2 21.34	+18 18.9	1.709	2.571	13.1	18.9

487177 2014 OR_{307} 11 5.8 260°.56 1°.6/ 4.6 18

9 28	3 9.65	+13 16.6	2.079	2.886	13.9	21.8
10 8	3 5.65	+12 49.8	1.995	2.885	10.9	21.6
10 18	2 59.51	+12 16.2	1.933	2.883	7.3	21.4
10 28	2 51.79	+11 38.6	1.898	2.881	3.5	21.1
11 7	2 43.32	+11 0.9	1.891	2.879	1.9	21.0
11 17	2 35.03	+10 27.2	1.913	2.878	5.3	21.2
11 27	2 27.84	+10 1.9	1.963	2.876	9.1	21.5
12 7	2 22.47	+ 9 48.0	2.038	2.874	12.4	21.7

492646 2014 OH_{358} 11 5.8 8°.14 14°.4/22.5 18

9 28	3 3.98	−18 26.4	1.674	2.481	16.8	19.3
10 8	3 1.64	−20 53.9	1.641	2.483	15.3	19.2
10 18	2 56.93	−23 2.0	1.630	2.486	14.5	19.2
10 28	2 50.56	−24 39.4	1.639	2.491	14.6	19.2
11 7	2 43.50	−25 38.5	1.670	2.496	15.4	19.2
11 17	2 36.77	−25 56.1	1.719	2.503	16.7	19.4
11 27	2 31.37	−25 33.6	1.786	2.510	18.2	19.5
12 7	2 27.98	−24 36.4	1.867	2.519	19.6	19.6

324112 2005 XF_{84} 11 5.8 245°.70 1°.5/ 4.8 17

9 28	3 12.48	+11 0.3	2.548	3.341	12.0	20.9
10 8	3 7.52	+11 0.7	2.449	3.330	9.5	20.7
10 18	3 0.65	+10 58.2	2.373	3.318	6.4	20.5
10 28	2 52.33	+10 54.5	2.325	3.306	3.2	20.2
11 7	2 43.25	+10 51.5	2.306	3.294	1.7	20.1
11 17	2 34.21	+10 51.5	2.319	3.282	4.7	20.3
11 27	2 26.05	+10 57.0	2.361	3.269	8.0	20.5
12 7	2 19.43	+11 9.7	2.429	3.256	10.9	20.7

30083 2000 EG_{110} 11 5.8 119°.91 2°.5/ 4.4 18

9 28	3 15.76	+10 38.6	1.681	2.494	16.5	19.3
10 8	3 10.80	+10 21.5	1.611	2.503	12.9	19.1
10 18	3 3.16	+ 9 59.7	1.562	2.512	8.7	18.9
10 28	2 53.57	+ 9 36.4	1.539	2.521	4.4	18.6
11 7	2 43.10	+ 9 15.8	1.542	2.529	2.8	18.5
11 17	2 32.99	+ 9 2.0	1.575	2.537	6.5	18.8
11 27	2 24.39	+ 8 58.7	1.634	2.544	10.7	19.1
12 7	2 18.13	+ 9 8.1	1.716	2.552	14.3	19.3

327580 2006 DW_{131} 11 5.8 230°.23 0°.2/ 5.6 17

9 28	3 9.47	+16 22.3	2.671	3.458	11.7	22.2
10 8	3 5.10	+16 10.4	2.573	3.450	9.2	22.1
10 18	2 58.96	+15 51.8	2.498	3.441	6.3	21.9
10 28	2 51.51	+15 27.7	2.450	3.432	3.0	21.6
11 7	2 43.39	+15 0.5	2.432	3.423	0.5	21.4
11 17	2 35.35	+14 33.0	2.445	3.414	4.0	21.7
11 27	2 28.15	+14 8.7	2.487	3.404	7.2	21.9
12 7	2 22.40	+13 50.5	2.556	3.394	10.1	22.0

517091 2013 CN_{175} 11 5.8 70°.75 3°.1/ 3.5 18

9 28	3 9.26	+10 22.4	1.903	2.722	14.6	21.5
10 8	3 5.42	+ 9 31.8	1.831	2.727	11.4	21.3
10 18	2 59.37	+ 8 35.2	1.781	2.732	7.7	21.1
10 28	2 51.72	+ 7 37.4	1.757	2.737	4.2	20.9
11 7	2 43.37	+ 6 43.9	1.760	2.742	3.5	20.9
11 17	2 35.29	+ 5 59.9	1.792	2.748	6.6	21.1
11 27	2 28.43	+ 5 29.9	1.851	2.753	10.2	21.3
12 7	2 23.49	+ 5 16.2	1.934	2.758	13.4	21.5

285015 2011 BD_{114} 11 5.8 135°.54 1°.6/ 4.6 18

9 28	3 9.30	+12 4.8	2.371	3.173	12.5	20.9
10 8	3 5.07	+11 46.7	2.287	3.174	9.8	20.7
10 18	2 58.97	+11 23.8	2.227	3.175	6.6	20.5
10 28	2 51.51	+10 58.6	2.194	3.176	3.2	20.3
11 7	2 43.40	+10 34.1	2.190	3.177	1.8	20.2
11 17	2 35.46	+10 13.5	2.215	3.178	4.9	20.5
11 27	2 28.48	+10 0.0	2.269	3.179	8.2	20.7
12 7	2 23.10	+ 9 55.9	2.349	3.180	11.1	20.9

360046 2013 AG_{59} 11 5.8 173°.94 3°.4/ 8.7 18

9 28	3 12.49	+28 32.7	2.369	3.118	14.1	21.4
10 8	3 7.81	+28 32.3	2.277	3.120	11.6	21.3
10 18	3 0.95	+28 17.1	2.207	3.122	8.6	21.1
10 28	2 52.49	+27 46.5	2.162	3.123	5.6	20.9
11 7	2 43.27	+27 1.4	2.145	3.124	3.4	20.8
11 17	2 34.24	+26 5.4	2.158	3.124	4.6	20.8
11 27	2 26.36	+25 3.9	2.200	3.125	7.5	21.0
12 7	2 20.33	+24 3.0	2.269	3.124	10.5	21.2

71195 1999 XO_{231} 11 5.8 153°.57 2°.4/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.36	+ 7 58.2	2.781	3.578	11.0	18.8
10 8	3 5.52	+ 7 40.4	2.701	3.584	8.6	18.6
10 18	2 59.09	+ 7 21.0	2.645	3.590	5.9	18.5
10 28	2 51.51	+ 7 2.3	2.617	3.595	3.3	18.3
11 7	2 43.42	+ 6 47.2	2.619	3.600	2.6	18.3
11 17	2 35.50	+ 6 38.0	2.651	3.604	4.9	18.4
11 27	2 28.42	+ 6 36.9	2.713	3.609	7.6	18.6
12 7	2 22.72	+ 6 45.0	2.801	3.613	10.1	18.8

47564 2000 AD_{150} 11 5.8 169°.91 1°.4/ 7.1 18

9 28	3 11.39	+23 58.5	2.249	3.021	14.1	19.3
10 8	3 6.90	+23 23.6	2.160	3.024	11.3	19.1
10 18	3 0.30	+22 34.1	2.093	3.027	7.9	18.9
10 28	2 52.16	+21 31.4	2.053	3.029	4.3	18.6
11 7	2 43.34	+20 18.6	2.041	3.031	1.4	18.4
11 17	2 34.77	+19 1.1	2.060	3.032	4.2	18.7
11 27	2 27.35	+17 45.1	2.109	3.033	7.9	18.9
12 7	2 21.77	+16 36.8	2.184	3.033	11.1	19.1

392545 2011 SM_{10} 11 5.8 116°.83 2°.3/ 7.6 18

9 28	3 14.56	+24 39.4	2.116	2.883	15.0	22.0
10 8	3 9.45	+24 36.8	2.041	2.900	12.1	21.8
10 18	3 2.04	+24 20.6	1.988	2.916	8.6	21.6
10 28	2 52.99	+23 50.8	1.960	2.932	5.0	21.4
11 7	2 43.24	+23 9.5	1.961	2.947	2.4	21.3
11 17	2 33.83	+22 20.6	1.991	2.962	4.5	21.4
11 27	2 25.74	+21 29.8	2.051	2.976	8.0	21.7
12 7	2 19.69	+20 42.8	2.136	2.990	11.2	21.9

33600 Davidlu 11 5.8 271°.72 3°.1/ 4.1 18

9 28	3 13.02	+ 9 37.0	1.702	2.521	16.0	18.8
10 8	3 8.90	+ 9 14.2	1.615	2.510	12.7	18.6
10 18	3 2.09	+ 8 46.7	1.549	2.499	8.7	18.3
10 28	2 53.19	+ 8 18.4	1.507	2.488	4.6	18.1
11 7	2 43.20	+ 7 53.7	1.493	2.477	3.4	18.0
11 17	2 33.32	+ 7 37.3	1.506	2.466	7.0	18.2
11 27	2 24.77	+ 7 33.5	1.546	2.455	11.3	18.4
12 7	2 18.47	+ 7 44.5	1.609	2.444	15.2	18.6

75822 2000 BH_{15} 11 5.8 250°.59 5°.6/ 2.2 18

9 28	3 12.33	+ 1 31.5	1.974	2.788	14.3	19.2
10 8	3 7.83	+ 0 52.9	1.893	2.781	11.5	19.0
10 18	3 1.06	+ 0 15.9	1.834	2.774	8.4	18.8
10 28	2 52.60	− 0 14.2	1.801	2.766	6.0	18.7
11 7	2 43.30	− 0 32.2	1.796	2.759	6.0	18.6
11 17	2 34.17	− 0 34.5	1.818	2.751	8.4	18.8
11 27	2 26.19	− 0 18.8	1.866	2.744	11.5	19.0
12 7	2 20.14	+ 0 14.6	1.938	2.736	14.4	19.1

54208 2000 HX_{85} 11 5.8 224°.11 3°.1/ 3.5 18

9 28	3 9.96	+ 9 39.6	2.053	2.866	13.9	19.9
10 8	3 5.90	+ 8 56.6	1.970	2.863	10.8	19.7
10 18	2 59.70	+ 8 8.6	1.910	2.860	7.4	19.5
10 28	2 51.93	+ 7 19.6	1.876	2.856	4.1	19.3
11 7	2 43.40	+ 6 34.5	1.871	2.852	3.4	19.3
11 17	2 35.04	+ 5 57.9	1.894	2.848	6.4	19.4
11 27	2 27.79	+ 5 34.1	1.944	2.844	9.9	19.7
12 7	2 22.35	+ 5 25.2	2.019	2.840	13.1	19.9

445997 2013 CG_{19} 11 5.8 288°.34 4°.8/ 8.7 18

9 28	3 13.83	+28 11.4	1.909	2.673	16.5	21.0
10 8	3 9.73	+28 51.0	1.811	2.661	13.8	20.8
10 18	3 2.82	+29 16.6	1.733	2.649	10.5	20.6
10 28	2 53.62	+29 25.0	1.678	2.636	7.1	20.4
11 7	2 43.15	+29 15.0	1.649	2.624	4.9	20.2
11 17	2 32.65	+28 48.4	1.648	2.612	6.1	20.2
11 27	2 23.47	+28 10.4	1.675	2.600	9.4	20.4
12 7	2 16.63	+27 28.1	1.726	2.588	13.0	20.6

382868 2004 GK_{14} 11 5.8 192°.01 2°.2/ 4.5 18

9 28	3 15.68	+11 10.4	1.909	2.713	15.1	21.5
10 8	3 10.58	+10 52.2	1.825	2.712	11.9	21.3
10 18	3 3.00	+10 28.8	1.762	2.710	8.1	21.1
10 28	2 53.55	+10 3.1	1.726	2.708	4.1	20.8
11 7	2 43.18	+ 9 38.8	1.718	2.705	2.5	20.7
11 17	2 33.00	+ 9 20.1	1.740	2.701	6.1	20.9
11 27	2 24.11	+ 9 10.7	1.789	2.697	10.1	21.2
12 7	2 17.33	+ 9 13.2	1.863	2.693	13.6	21.4

351097 2003 UM_{246} 11 5.8 6°.27 1°.8/ 4.9 18

9 28	3 8.04	+12 51.4	1.218	2.064	19.5	19.5
10 8	3 5.80	+12 45.5	1.154	2.065	15.3	19.2
10 18	3 0.34	+12 31.8	1.108	2.067	10.4	19.0
10 28	2 52.43	+12 13.6	1.085	2.070	5.0	18.7
11 7	2 43.35	+11 55.8	1.085	2.075	2.2	18.5
11 17	2 34.61	+11 43.4	1.110	2.081	7.1	18.8
11 27	2 27.68	+11 41.7	1.159	2.088	12.2	19.2
12 7	2 23.54	+11 53.6	1.229	2.097	16.7	19.4

357880 2005 UL_{437} 11 5.8 82°.72 0°.6/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.30	+15 17.9	2.071	2.870	14.3	21.5
10 8	3 7.58	+15 5.4	2.004	2.888	11.1	21.3
10 18	3 0.72	+14 45.7	1.959	2.905	7.5	21.1
10 28	2 52.36	+14 20.8	1.940	2.923	3.5	20.9
11 7	2 43.37	+13 53.8	1.950	2.940	0.9	20.7
11 17	2 34.72	+13 28.3	1.989	2.957	4.7	21.1
11 27	2 27.30	+13 8.1	2.056	2.974	8.4	21.3
12 7	2 21.76	+12 56.4	2.150	2.991	11.6	21.6

99337 2001 XR_{21} 11 5.8 59°.40 1°.7/ 6.6 18

9 28	3 17.03	+19 28.8	1.240	2.059	20.8	18.5
10 8	3 12.92	+19 49.5	1.177	2.069	16.6	18.2
10 18	3 5.21	+19 56.9	1.133	2.080	11.6	18.0
10 28	2 54.76	+19 50.3	1.110	2.090	6.0	17.7
11 7	2 43.05	+19 32.0	1.112	2.102	1.7	17.5
11 17	2 31.82	+19 6.8	1.139	2.113	6.4	17.8
11 27	2 22.71	+18 41.9	1.192	2.124	11.6	18.1
12 7	2 16.79	+18 24.0	1.267	2.136	16.2	18.4

46022 2001 DE_{16} 11 5.8 248°.23 0°.4/ 6.1 18

9 28	3 13.82	+17 45.5	2.101	2.891	14.4	19.8
10 8	3 9.17	+17 45.7	1.999	2.876	11.5	19.6
10 18	3 2.13	+17 37.3	1.919	2.861	7.9	19.4
10 28	2 53.20	+17 20.8	1.864	2.845	3.9	19.1
11 7	2 43.24	+16 58.4	1.838	2.829	0.6	18.8
11 17	2 33.29	+16 33.1	1.842	2.813	4.8	19.1
11 27	2 24.43	+16 9.4	1.875	2.796	8.9	19.3
12 7	2 17.53	+15 51.7	1.933	2.778	12.5	19.5

520604 2014 OH_{408} 11 5.8 89°.97 2°.8/ 3.7 18

9 28	3 10.15	+ 8 52.7	2.233	3.042	13.0	21.6
10 8	3 5.73	+ 8 22.7	2.164	3.054	10.1	21.5
10 18	2 59.40	+ 7 49.8	2.117	3.065	6.9	21.3
10 28	2 51.72	+ 7 17.3	2.097	3.077	3.8	21.1
11 7	2 43.47	+ 6 49.0	2.106	3.088	3.1	21.1
11 17	2 35.48	+ 6 28.5	2.145	3.099	5.7	21.3
11 27	2 28.56	+ 6 18.5	2.211	3.111	8.9	21.5
12 7	2 23.31	+ 6 20.6	2.302	3.122	11.7	21.7

399564 2003 SA_{117} 11 5.8 33°.12 1°.5/ 4.5 14 C

9 28	3 6.82	+17 35.6	1.604	2.426	16.7	19.7
10 8	3 3.76	+16 17.7	1.551	2.449	12.9	19.6
10 18	2 58.30	+14 46.5	1.520	2.473	8.6	19.4
10 28	2 51.21	+13 7.8	1.514	2.498	4.0	19.2
11 7	2 43.55	+11 29.5	1.535	2.524	1.9	19.1
11 17	2 36.39	+ 9 59.9	1.584	2.550	6.0	19.4
11 27	2 30.71	+ 8 46.2	1.660	2.577	10.1	19.7
12 7	2 27.13	+ 7 52.3	1.760	2.604	13.6	20.0

395288 2011 AV_{75} 11 5.8 269°.33 20°.6/27.4 17

9 28	3 21.24	−23 13.2	1.115	1.910	24.1	20.6
10 8	3 16.58	−25 9.6	1.071	1.903	22.3	20.4
10 18	3 7.85	−26 36.6	1.042	1.896	21.0	20.3
10 28	2 56.05	−27 17.1	1.029	1.889	20.6	20.3
11 7	2 42.89	−26 59.6	1.033	1.882	21.2	20.3
11 17	2 30.36	−25 41.0	1.055	1.875	22.7	20.4
11 27	2 20.29	−23 27.2	1.092	1.867	24.7	20.5
12 7	2 13.78	−20 31.3	1.144	1.860	26.8	20.6

229861 2009 TL_{17} 11 5.8 333°.79 3°.2/ 3.4 18

9 28	3 7.27	+ 9 7.3	1.994	2.815	13.9	20.1
10 8	3 3.92	+ 8 28.4	1.911	2.808	10.9	19.9
10 18	2 58.43	+ 7 45.0	1.850	2.801	7.5	19.7
10 28	2 51.36	+ 7 1.2	1.814	2.794	4.2	19.5
11 7	2 43.52	+ 6 21.8	1.807	2.788	3.5	19.4
11 17	2 35.82	+ 5 51.4	1.827	2.782	6.5	19.6
11 27	2 29.19	+ 5 34.0	1.874	2.777	10.0	19.8
12 7	2 24.36	+ 5 31.7	1.945	2.772	13.3	20.0

124673 2001 SZ_{106} 11 5.8 91°.14 3°.5/ 7.8 18

9 28	3 16.11	+25 10.0	1.334	2.133	20.6	20.2
10 8	3 12.15	+25 19.3	1.265	2.141	16.8	20.0
10 18	3 4.68	+25 9.2	1.213	2.149	12.1	19.7
10 28	2 54.51	+24 37.9	1.183	2.157	7.1	19.5
11 7	2 43.10	+23 47.9	1.178	2.164	3.5	19.3
11 17	2 32.12	+22 45.1	1.199	2.172	6.3	19.5
11 27	2 23.19	+21 39.5	1.246	2.179	11.1	19.8
12 7	2 17.35	+20 40.6	1.315	2.187	15.6	20.0

166424 2002 PX_{7} 11 5.8 184°.41 0°.7/ 5.3 18

9 28	3 11.50	+16 32.6	2.137	2.933	14.0	20.9
10 8	3 7.07	+16 1.4	2.051	2.933	11.0	20.7
10 18	3 0.49	+15 20.8	1.987	2.933	7.4	20.5
10 28	2 52.32	+14 33.0	1.950	2.932	3.5	20.2
11 7	2 43.40	+13 41.9	1.941	2.931	1.0	20.0
11 17	2 34.67	+12 52.2	1.962	2.930	4.9	20.3
11 27	2 27.08	+12 8.9	2.012	2.928	8.7	20.5
12 7	2 21.33	+11 36.1	2.088	2.926	12.0	20.8

41361 2000 AO_{76} 11 5.8 10°.61 7°.0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 8.40	− 0 49.3	1.760	2.589	15.2	17.5
10 8	3 4.90	− 1 41.2	1.697	2.591	12.2	17.4
10 18	2 59.11	− 2 29.1	1.656	2.594	9.3	17.2
10 28	2 51.67	− 3 6.3	1.639	2.598	7.2	17.1
11 7	2 43.50	− 3 27.1	1.648	2.602	7.4	17.1
11 17	2 35.62	− 3 27.7	1.682	2.607	9.6	17.2
11 27	2 29.00	− 3 6.5	1.742	2.612	12.5	17.4
12 7	2 24.37	− 2 24.9	1.823	2.619	15.3	17.6

426481 2013 RY_{16} 11 5.8 13°.40 25°.6/21.4 18

9 28	3 30.01	+49 58.0	0.948	1.665	32.3	18.7
10 8	3 29.67	+55 7.8	0.913	1.672	30.5	18.5
10 18	3 21.82	+59 44.4	0.892	1.682	28.7	18.4
10 28	3 5.25	+63 23.8	0.884	1.694	27.2	18.4
11 7	2 41.42	+65 44.4	0.890	1.709	26.2	18.4
11 17	2 15.70	+66 36.5	0.909	1.726	25.7	18.5
11 27	1 55.45	+66 10.7	0.940	1.746	25.7	18.5
12 7	1 45.10	+64 52.6	0.983	1.767	26.1	18.7

347536 1999 XB_{258} 11 5.8 115°.22 6°.0/ 1.9 18

9 28	3 11.79	+ 1 31.7	1.868	2.687	14.8	20.7
10 8	3 7.43	+ 0 43.1	1.799	2.689	11.8	20.5
10 18	3 0.78	− 0 3.8	1.752	2.692	8.7	20.4
10 28	2 52.47	− 0 43.2	1.730	2.694	6.3	20.2
11 7	2 43.41	− 1 9.3	1.735	2.697	6.3	20.2
11 17	2 34.63	− 1 18.3	1.767	2.699	8.7	20.4
11 27	2 27.10	− 1 7.9	1.826	2.701	11.8	20.6
12 7	2 21.55	− 0 38.7	1.907	2.704	14.7	20.8

215950 2005 NO_{6} 11 5.8 17°.71 4°.4/ 2.8 18

9 28	3 9.14	+ 6 49.8	1.809	2.634	15.0	20.6
10 8	3 5.49	+ 6 0.5	1.737	2.636	11.7	20.4
10 18	2 59.53	+ 5 8.2	1.688	2.637	8.2	20.2
10 28	2 51.90	+ 4 18.1	1.663	2.639	5.1	20.0
11 7	2 43.49	+ 3 36.2	1.666	2.642	4.7	20.0
11 17	2 35.35	+ 3 7.4	1.696	2.644	7.6	20.2
11 27	2 28.45	+ 2 55.2	1.753	2.647	11.1	20.4
12 7	2 23.53	+ 3 1.0	1.832	2.650	14.3	20.6

445930 2013 AR_{4} 11 5.8 305°.20 0°.3/ 6.0 18

9 28	3 10.23	+18 51.7	1.725	2.532	16.3	21.8
10 8	3 6.78	+18 34.9	1.637	2.524	13.0	21.5
10 18	3 0.69	+18 5.7	1.569	2.516	9.0	21.3
10 28	2 52.57	+17 25.5	1.526	2.508	4.4	21.0
11 7	2 43.40	+16 37.8	1.510	2.500	0.6	20.7
11 17	2 34.37	+15 48.0	1.521	2.493	5.4	21.0
11 27	2 26.68	+15 2.6	1.559	2.485	9.9	21.3
12 7	2 21.23	+14 27.1	1.621	2.478	13.9	21.5

164320 2005 AS_{41} 11 5.8 98°.78 2°.3/ 4.2 18

9 28	3 11.55	+12 39.2	1.838	2.651	15.3	20.5
10 8	3 7.27	+11 54.5	1.769	2.662	11.9	20.3
10 18	3 0.67	+11 2.2	1.723	2.673	8.0	20.1
10 28	2 52.41	+10 6.6	1.702	2.685	4.0	19.9
11 7	2 43.44	+ 9 13.0	1.710	2.696	2.6	19.8
11 17	2 34.82	+ 8 26.7	1.745	2.706	6.1	20.0
11 27	2 27.54	+ 7 52.5	1.809	2.717	10.0	20.3
12 7	2 22.29	+ 7 33.5	1.896	2.728	13.3	20.5

509414 2007 EF_{13} 11 5.8 212°.11 1°.6/ 4.7 18

9 28	3 13.31	+14 7.5	1.884	2.689	15.2	22.5
10 8	3 8.85	+13 34.4	1.796	2.684	12.0	22.2
10 18	3 1.91	+12 52.5	1.729	2.678	8.1	22.0
10 28	2 53.10	+12 4.6	1.689	2.672	3.9	21.7
11 7	2 43.36	+11 15.5	1.677	2.665	1.9	21.6
11 17	2 33.79	+10 30.3	1.694	2.658	5.9	21.8
11 27	2 25.47	+ 9 54.4	1.738	2.651	10.0	22.1
12 7	2 19.25	+ 9 31.7	1.807	2.643	13.7	22.3

180678 2004 GZ_{81} 11 5.8 327°.12 5°.2/ 2.1 18

9 28	3 8.22	+ 5 22.8	1.791	2.619	15.0	19.9
10 8	3 4.87	+ 4 20.9	1.715	2.614	11.8	19.7
10 18	2 59.19	+ 3 16.0	1.660	2.608	8.4	19.5
10 28	2 51.78	+ 2 14.5	1.631	2.603	5.7	19.3
11 7	2 43.54	+ 1 22.9	1.628	2.598	5.6	19.3
11 17	2 35.50	+ 0 47.0	1.652	2.593	8.4	19.4
11 27	2 28.67	+ 0 30.6	1.702	2.589	11.8	19.6
12 7	2 23.81	+ 0 34.9	1.774	2.585	15.0	19.8

352216 2007 TJ_{20} 11 5.8 8°.63 3°.5/ 7.5 17

9 28	3 9.82	+22 36.7	1.268	2.089	20.3	20.3
10 8	3 7.41	+23 15.0	1.201	2.091	16.4	20.1
10 18	3 1.60	+23 38.2	1.151	2.094	11.9	19.8
10 28	2 53.14	+23 44.3	1.123	2.099	6.9	19.6
11 7	2 43.36	+23 34.2	1.118	2.105	3.5	19.4
11 17	2 33.87	+23 11.5	1.139	2.112	6.4	19.6
11 27	2 26.28	+22 43.5	1.183	2.121	11.1	19.9
12 7	2 21.66	+22 17.9	1.250	2.131	15.5	20.2

60673 2000 GH_{10} 11 5.8 308°.24 3°.0/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.01	+11 16.2	1.811	2.632	15.1	19.4
10 8	3 5.51	+10 26.2	1.730	2.627	11.8	19.2
10 18	2 59.64	+ 9 28.7	1.670	2.622	8.1	19.0
10 28	2 52.00	+ 8 28.3	1.636	2.618	4.3	18.7
11 7	2 43.51	+ 7 30.7	1.630	2.613	3.3	18.7
11 17	2 35.22	+ 6 42.0	1.651	2.609	6.8	18.9
11 27	2 28.15	+ 6 7.3	1.699	2.605	10.7	19.1
12 7	2 23.10	+ 5 49.7	1.770	2.601	14.2	19.3

330180 2006 DA_{25} 11 5.8 215°.22 0°.1/ 5.9 17

9 28	3 9.14	+17 46.3	2.842	3.624	11.2	22.8
10 8	3 4.76	+17 31.0	2.744	3.617	8.8	22.6
10 18	2 58.72	+17 8.4	2.669	3.610	6.0	22.4
10 28	2 51.46	+16 39.7	2.622	3.603	2.9	22.2
11 7	2 43.59	+16 7.0	2.604	3.595	0.4	21.9
11 17	2 35.81	+15 33.3	2.617	3.587	3.6	22.2
11 27	2 28.82	+15 1.9	2.661	3.578	6.7	22.4
12 7	2 23.20	+14 36.1	2.731	3.569	9.5	22.6

217734 1999 XF_{187} 11 5.8 1°.95 5°.6/ 8.6 18

9 28	3 12.64	+26 52.4	1.245	2.051	21.5	19.1
10 8	3 9.97	+27 40.9	1.173	2.049	17.8	18.8
10 18	3 3.59	+28 10.7	1.117	2.049	13.4	18.6
10 28	2 54.19	+28 17.5	1.082	2.049	8.8	18.3
11 7	2 43.22	+28 0.2	1.070	2.050	5.7	18.2
11 17	2 32.47	+27 22.5	1.082	2.052	7.5	18.3
11 27	2 23.78	+26 33.0	1.118	2.054	11.8	18.5
12 7	2 18.37	+25 42.4	1.176	2.058	16.2	18.8

329771 2004 JA_{11} 11 5.8 36°.77 7°.6/ 2.3 18

9 28	3 11.70	+ 3 15.0	1.086	1.941	20.7	18.9
10 8	3 8.36	+ 2 4.8	1.053	1.965	16.3	18.8
10 18	3 1.76	+ 0 57.2	1.038	1.990	11.7	18.6
10 28	2 52.95	+ 0 2.0	1.044	2.016	8.2	18.5
11 7	2 43.43	− 0 32.2	1.074	2.042	8.1	18.6
11 17	2 34.72	− 0 40.6	1.127	2.070	11.1	18.8
11 27	2 28.11	− 0 22.0	1.202	2.098	14.9	19.1
12 7	2 24.33	+ 0 20.4	1.297	2.127	18.4	19.5

460339 2014 RJ_{10} 11 5.8 131°.70 1°.4/ 7.1 18

9 28	3 9.92	+22 25.9	2.563	3.335	12.6	21.3
10 8	3 5.52	+22 16.5	2.478	3.342	10.0	21.1
10 18	2 59.28	+21 56.7	2.416	3.350	7.0	21.0
10 28	2 51.72	+21 27.2	2.381	3.357	3.8	20.8
11 7	2 43.57	+20 50.0	2.375	3.364	1.4	20.6
11 17	2 35.61	+20 8.2	2.399	3.370	3.7	20.8
11 27	2 28.62	+19 26.1	2.453	3.377	6.9	21.0
12 7	2 23.21	+18 48.0	2.533	3.383	9.8	21.2

26465 2000 AF_{140} 11 5.8 249°.30 2°.7/ 4.4 18

9 28	3 14.83	+ 8 57.5	1.907	2.715	15.0	17.9
10 8	3 10.02	+ 8 50.8	1.818	2.707	11.8	17.7
10 18	3 2.73	+ 8 41.5	1.751	2.699	8.1	17.4
10 28	2 53.52	+ 8 32.6	1.710	2.691	4.3	17.2
11 7	2 43.32	+ 8 27.2	1.697	2.682	2.9	17.1
11 17	2 33.23	+ 8 28.5	1.713	2.674	6.3	17.3
11 27	2 24.35	+ 8 39.5	1.757	2.665	10.3	17.5
12 7	2 17.56	+ 9 1.7	1.825	2.656	13.8	17.7

100362 1995 UJ_{14} 11 5.8 71°.68 1°.0/ 6.5 18

9 28	3 16.32	+21 15.6	1.399	2.205	19.5	19.2
10 8	3 11.65	+20 53.5	1.346	2.231	15.4	19.0
10 18	3 3.89	+20 15.1	1.312	2.256	10.6	18.8
10 28	2 53.99	+19 22.2	1.301	2.282	5.3	18.6
11 7	2 43.31	+18 20.1	1.316	2.307	1.1	18.4
11 17	2 33.31	+17 15.9	1.359	2.332	5.7	18.8
11 27	2 25.29	+16 18.0	1.428	2.357	10.4	19.1
12 7	2 20.02	+15 32.5	1.521	2.381	14.5	19.4

63578 2001 QD_{28} 11 5.8 351°.92 1°.7/ 4.9 18 R

9 28	3 7.09	+14 53.9	1.196	2.043	19.7	17.8
10 8	3 5.27	+14 27.7	1.125	2.036	15.6	17.6
10 18	3 0.15	+13 48.8	1.073	2.031	10.6	17.3
10 28	2 52.46	+13 1.3	1.041	2.027	5.1	16.9
11 7	2 43.48	+12 11.6	1.034	2.023	2.1	16.7
11 17	2 34.75	+11 27.3	1.051	2.021	7.4	17.1
11 27	2 27.81	+10 56.1	1.091	2.021	12.8	17.4
12 7	2 23.72	+10 42.8	1.152	2.021	17.5	17.7

443954 2003 EU_{13} 11 5.8 292°.56 4°.4/ 2.3 17

9 28	3 8.06	+ 7 52.3	1.940	2.763	14.2	21.8
10 8	3 4.77	+ 6 45.9	1.842	2.739	11.2	21.5
10 18	2 59.21	+ 5 32.9	1.766	2.715	7.9	21.3
10 28	2 51.87	+ 4 18.6	1.715	2.691	5.0	21.0
11 7	2 43.56	+ 3 9.7	1.693	2.667	4.9	21.0
11 17	2 35.27	+ 2 12.8	1.698	2.643	7.9	21.1
11 27	2 28.02	+ 1 33.6	1.730	2.619	11.5	21.3
12 7	2 22.62	+ 1 14.8	1.784	2.595	14.9	21.5

308959 2006 TA_{46} 11 5.8 292°.76 0°.2/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 12.06	+15 54.8	1.985	2.786	14.7	21.0
10 8	3 7.77	+15 53.0	1.900	2.784	11.6	20.8
10 18	3 1.14	+15 43.7	1.836	2.783	7.9	20.6
10 28	2 52.74	+15 28.1	1.798	2.781	3.8	20.3
11 7	2 43.46	+15 8.8	1.789	2.779	0.6	20.1
11 17	2 34.34	+14 49.3	1.808	2.778	4.9	20.4
11 27	2 26.41	+14 33.5	1.855	2.776	8.9	20.7
12 7	2 20.47	+14 25.1	1.927	2.775	12.5	20.9

415603 2014 QN_{348} 11 5.8 192°.71 3°.4/ 8.7 17

9 28	3 12.30	+27 42.0	2.516	3.264	13.4	21.2
10 8	3 7.65	+28 2.2	2.422	3.263	11.0	21.1
10 18	3 0.91	+28 10.2	2.349	3.262	8.2	20.9
10 28	2 52.59	+28 4.8	2.301	3.261	5.4	20.7
11 7	2 43.48	+27 46.2	2.282	3.259	3.5	20.6
11 17	2 34.48	+27 16.6	2.293	3.258	4.6	20.7
11 27	2 26.49	+26 40.0	2.333	3.256	7.3	20.8
12 7	2 20.23	+26 1.5	2.399	3.253	10.1	21.0

176386 2001 UM_{32} 11 5.8 352°.21 6°.2/ 1.6 18

9 28	3 6.48	+ 4 29.2	1.576	2.415	16.1	19.6
10 8	3 3.81	+ 3 16.9	1.506	2.411	12.8	19.4
10 18	2 58.62	+ 2 2.1	1.457	2.407	9.3	19.1
10 28	2 51.56	+ 0 52.3	1.433	2.403	6.5	19.0
11 7	2 43.63	− 0 4.5	1.434	2.401	6.7	19.0
11 17	2 35.93	− 0 41.9	1.461	2.399	9.5	19.2
11 27	2 29.58	− 0 55.7	1.512	2.398	13.1	19.4
12 7	2 25.37	− 0 45.5	1.584	2.398	16.4	19.6

443325 2014 FB_{65} 11 5.9 125°.34 0°.0/ 5.7 18

9 28	3 11.95	+18 37.7	2.069	2.861	14.5	21.7
10 8	3 7.44	+18 8.4	1.993	2.872	11.4	21.5
10 18	3 0.74	+17 28.3	1.938	2.882	7.8	21.3
10 28	2 52.47	+16 39.5	1.910	2.892	3.7	21.1
11 7	2 43.52	+15 45.8	1.911	2.901	0.5	20.8
11 17	2 34.86	+14 51.9	1.941	2.910	4.6	21.2
11 27	2 27.43	+14 3.4	1.999	2.919	8.5	21.4
12 7	2 21.91	+13 24.6	2.084	2.928	11.8	21.6

6066 Hendricks 11 5.9 26°.51 7°.1/ 2.9 18 R

9 28	3 9.20	+ 5 5.0	0.894	1.766	22.6	15.7
10 8	3 7.05	+ 4 8.1	0.863	1.786	17.7	15.5
10 18	3 1.19	+ 3 12.0	0.848	1.807	12.5	15.3
10 28	2 52.78	+ 2 26.6	0.852	1.830	8.1	15.1
11 7	2 43.51	+ 2 1.0	0.879	1.855	7.6	15.2
11 17	2 35.11	+ 2 0.4	0.927	1.882	11.2	15.5
11 27	2 29.04	+ 2 25.9	0.996	1.909	15.5	15.8
12 7	2 26.09	+ 3 14.5	1.084	1.938	19.4	16.2

71264 2000 AT_{27} 11 5.9 275°.21 3°.3/ 8.5 17

9 28	3 10.41	+27 13.9	2.362	3.120	13.9	19.7
10 8	3 6.39	+27 25.2	2.260	3.109	11.4	19.5
10 18	3 0.18	+27 23.4	2.179	3.098	8.5	19.3
10 28	2 52.30	+27 7.4	2.123	3.087	5.5	19.1
11 7	2 43.54	+26 37.9	2.096	3.075	3.4	19.0
11 17	2 34.82	+25 57.3	2.097	3.064	4.6	19.0
11 27	2 27.13	+25 10.4	2.127	3.053	7.7	19.2
12 7	2 21.23	+24 22.9	2.183	3.041	10.8	19.4

396908 2005 AO_{82} 11 5.9 267°.53 3°.1/ 3.8 18

9 28	3 11.66	+ 9 41.3	1.905	2.720	14.7	21.9
10 8	3 7.63	+ 9 6.9	1.811	2.704	11.6	21.7
10 18	3 1.17	+ 8 27.2	1.738	2.687	8.0	21.4
10 28	2 52.82	+ 7 45.8	1.690	2.671	4.4	21.2
11 7	2 43.48	+ 7 7.8	1.671	2.654	3.4	21.1
11 17	2 34.17	+ 6 37.9	1.680	2.637	6.8	21.2
11 27	2 26.01	+ 6 20.8	1.716	2.620	10.7	21.4
12 7	2 19.84	+ 6 18.9	1.775	2.602	14.3	21.6

74376 1998 XT_{7} 11 5.9 216°.90 1°.1/ 5.2 18

9 28	3 15.36	+12 32.0	2.196	2.990	13.7	20.0
10 8	3 10.14	+12 36.8	2.103	2.984	10.8	19.8
10 18	3 2.66	+12 37.5	2.033	2.978	7.3	19.5
10 28	2 53.48	+12 35.4	1.990	2.972	3.5	19.3
11 7	2 43.41	+12 32.6	1.976	2.965	1.3	19.1
11 17	2 33.42	+12 31.6	1.992	2.958	5.0	19.4
11 27	2 24.52	+12 35.2	2.037	2.951	8.7	19.6
12 7	2 17.47	+12 45.9	2.109	2.943	12.1	19.8

445722 2011 UO_{287} 11 5.9 217°.10 3°.7/ 8.1 18

9 28	3 15.42	+25 25.0	1.964	2.733	16.0	21.5
10 8	3 10.72	+26 2.9	1.876	2.732	13.1	21.3
10 18	3 3.35	+26 28.5	1.808	2.731	9.7	21.1
10 28	2 53.90	+26 39.7	1.765	2.731	6.1	20.9
11 7	2 43.35	+26 36.0	1.749	2.730	3.8	20.7
11 17	2 32.91	+26 19.4	1.762	2.729	5.4	20.9
11 27	2 23.79	+25 54.5	1.803	2.728	8.9	21.1
12 7	2 16.92	+25 27.3	1.869	2.728	12.3	21.3

66735 1999 TX_{115} 11 5.9 67°.22 1°.4/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.20	+21 26.2	1.617	2.415	17.6	19.7
10 8	3 9.73	+21 16.6	1.557	2.436	14.0	19.5
10 18	3 2.52	+20 52.8	1.517	2.458	9.7	19.3
10 28	2 53.37	+20 15.8	1.500	2.479	5.0	19.1
11 7	2 43.45	+19 29.3	1.511	2.501	1.4	18.9
11 17	2 34.03	+18 38.8	1.550	2.522	5.1	19.2
11 27	2 26.28	+17 51.1	1.616	2.544	9.5	19.5
12 7	2 20.96	+17 11.9	1.706	2.565	13.2	19.8

257269 2009 FP_{76} 11 5.9 156°.95 3°.1/ 3.8 17

9 28	3 14.39	+11 58.2	1.591	2.409	17.0	21.8
10 8	3 9.96	+11 2.2	1.519	2.414	13.3	21.6
10 18	3 2.78	+ 9 57.3	1.467	2.418	9.0	21.4
10 28	2 53.56	+ 8 48.5	1.441	2.423	4.7	21.1
11 7	2 43.42	+ 7 42.8	1.442	2.426	3.5	21.1
11 17	2 33.63	+ 6 47.3	1.471	2.429	7.3	21.3
11 27	2 25.39	+ 6 7.8	1.526	2.432	11.6	21.6
12 7	2 19.56	+ 5 47.6	1.604	2.434	15.4	21.8

211952 2004 XA_{145} 11 5.9 315°.41 8°.4/ 1.5 18

9 28	3 14.12	− 3 47.9	1.630	2.450	16.6	19.7
10 8	3 9.72	− 4 32.0	1.559	2.444	13.6	19.5
10 18	3 2.62	− 5 9.1	1.509	2.439	10.7	19.3
10 28	2 53.51	− 5 31.7	1.482	2.434	8.6	19.2
11 7	2 43.43	− 5 33.6	1.480	2.428	8.7	19.2
11 17	2 33.59	− 5 11.2	1.505	2.423	11.0	19.3
11 27	2 25.20	− 4 23.9	1.554	2.419	14.1	19.5
12 7	2 19.12	− 3 14.5	1.624	2.414	17.1	19.7

347588 2001 FN_{145} 11 5.9 202°.99 4°.6/ 1.7 18

9 28	3 10.31	+ 5 14.8	2.287	3.096	12.7	21.7
10 8	3 5.96	+ 4 3.1	2.204	3.092	10.1	21.5
10 18	2 59.67	+ 2 48.4	2.145	3.087	7.2	21.3
10 28	2 51.99	+ 1 36.0	2.113	3.082	4.9	21.2
11 7	2 43.64	+ 0 31.8	2.111	3.076	5.0	21.2
11 17	2 35.45	− 0 19.2	2.137	3.070	7.4	21.3
11 27	2 28.24	− 0 53.0	2.192	3.063	10.3	21.5
12 7	2 22.66	− 1 8.3	2.270	3.055	13.0	21.7

314287 2005 SG_{63} 11 5.9 347°.04 1°.2/ 4.9 18

9 28	3 8.21	+15 48.1	1.898	2.710	14.9	20.6
10 8	3 4.83	+15 8.8	1.816	2.708	11.7	20.4
10 18	2 59.16	+14 19.2	1.755	2.706	7.9	20.1
10 28	2 51.81	+13 22.4	1.720	2.704	3.7	19.9
11 7	2 43.66	+12 23.4	1.713	2.702	1.5	19.7
11 17	2 35.70	+11 27.8	1.734	2.701	5.5	20.0
11 27	2 28.95	+10 41.1	1.783	2.700	9.5	20.2
12 7	2 24.13	+10 7.8	1.855	2.699	13.0	20.5

60546 2000 EE_{85} 11 5.9 302°.55 6°.4/10.6 18

9 28	3 11.56	+34 3.5	1.823	2.570	17.8	19.0
10 8	3 8.21	+34 24.9	1.727	2.559	15.1	18.8
10 18	3 1.93	+34 25.4	1.649	2.548	12.1	18.5
10 28	2 53.31	+34 1.3	1.593	2.537	8.8	18.3
11 7	2 43.45	+33 11.9	1.562	2.527	6.6	18.2
11 17	2 33.69	+32 0.2	1.558	2.516	7.0	18.2
11 27	2 25.43	+30 33.9	1.580	2.506	9.8	18.3
12 7	2 19.67	+29 3.2	1.627	2.496	13.2	18.5

34976 1115 T-3 11 5.9 182°.96 3°.5/ 8.3 18

9 28	3 14.59	+26 49.1	1.916	2.683	16.4	19.4
10 8	3 10.07	+26 56.9	1.828	2.683	13.4	19.2
10 18	3 2.88	+26 48.9	1.760	2.683	9.9	19.0
10 28	2 53.65	+26 23.6	1.717	2.683	6.1	18.8
11 7	2 43.42	+25 42.4	1.700	2.683	3.5	18.6
11 17	2 33.39	+24 48.9	1.712	2.682	5.2	18.7
11 27	2 24.75	+23 49.9	1.753	2.680	8.9	19.0
12 7	2 18.40	+22 52.6	1.818	2.679	12.5	19.2

72524 2001 DB_{92} 11 5.9 127°.33 3°.0/ 3.3 18

9 28	3 9.44	+12 44.1	1.841	2.658	15.1	19.4
10 8	3 5.72	+11 26.4	1.765	2.661	11.7	19.2
10 18	2 59.71	+ 9 58.9	1.712	2.663	7.9	19.0
10 28	2 52.04	+ 8 27.0	1.685	2.666	4.2	18.7
11 7	2 43.64	+ 6 57.9	1.686	2.669	3.5	18.7
11 17	2 35.51	+ 5 39.1	1.716	2.671	6.8	18.9
11 27	2 28.65	+ 4 36.8	1.773	2.674	10.6	19.2
12 7	2 23.77	+ 3 54.6	1.854	2.676	14.0	19.4

355109 2006 UG_{35} 11 5.9 156°.85 0°.3/ 6.1 18

9 28	3 12.26	+17 48.5	2.025	2.820	14.7	21.2
10 8	3 7.89	+17 47.1	1.941	2.821	11.6	21.0
10 18	3 1.21	+17 36.9	1.878	2.822	8.0	20.8
10 28	2 52.80	+17 18.8	1.841	2.822	3.9	20.5
11 7	2 43.54	+16 55.1	1.832	2.823	0.5	20.3
11 17	2 34.45	+16 29.4	1.852	2.823	4.7	20.6
11 27	2 26.55	+16 6.1	1.901	2.824	8.6	20.8
12 7	2 20.63	+15 49.2	1.975	2.824	12.1	21.1

402388 2005 YT_{72} 11 5.9 86°.73 3°.9/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.25	+ 5 2.3	2.212	3.022	13.1	21.0
10 8	3 6.61	+ 4 33.2	2.146	3.034	10.3	20.8
10 18	3 0.05	+ 4 4.0	2.102	3.047	7.2	20.7
10 28	2 52.13	+ 3 38.6	2.086	3.059	4.5	20.5
11 7	2 43.64	+ 3 20.6	2.098	3.071	4.2	20.5
11 17	2 35.43	+ 3 13.3	2.138	3.084	6.5	20.7
11 27	2 28.31	+ 3 18.5	2.207	3.096	9.4	20.9
12 7	2 22.88	+ 3 36.9	2.300	3.108	12.1	21.1

36794 2000 SA_{32} 11 5.9 102°.14 0°.4/ 5.6 18

9 28	3 10.38	+16 50.3	2.105	2.904	14.1	19.6
10 8	3 6.23	+16 27.7	2.026	2.910	11.0	19.4
10 18	2 59.96	+15 56.2	1.970	2.916	7.5	19.2
10 28	2 52.15	+15 17.8	1.939	2.921	3.5	19.0
11 7	2 43.64	+14 35.9	1.937	2.927	0.7	18.8
11 17	2 35.35	+13 54.9	1.964	2.933	4.7	19.1
11 27	2 28.22	+13 19.3	2.019	2.938	8.4	19.3
12 7	2 22.90	+12 53.0	2.100	2.944	11.7	19.6

220087 2002 SG_{10} 11 5.9 348°.60 0°.9/ 5.4 18

9 28	3 5.62	+16 48.7	1.089	1.941	20.9	20.1
10 8	3 4.51	+16 26.8	1.018	1.932	16.6	19.8
10 18	2 59.89	+15 49.0	0.964	1.923	11.4	19.4
10 28	2 52.46	+14 58.6	0.931	1.916	5.4	19.1
11 7	2 43.58	+14 2.2	0.920	1.911	1.3	18.8
11 17	2 34.92	+13 8.2	0.933	1.907	7.4	19.2
11 27	2 28.18	+12 26.2	0.969	1.905	13.2	19.5
12 7	2 24.49	+12 2.4	1.024	1.904	18.3	19.8

44508 1998 XH_{45} 11 5.9 5°.81 2°.0/ 7.2 18

9 28	3 9.16	+22 10.4	1.912	2.706	15.5	18.1
10 8	3 5.70	+22 19.5	1.831	2.706	12.4	17.9
10 18	2 59.84	+22 16.6	1.769	2.707	8.8	17.7
10 28	2 52.18	+22 1.5	1.733	2.709	4.9	17.5
11 7	2 43.63	+21 36.2	1.723	2.711	2.0	17.3
11 17	2 35.25	+21 4.1	1.741	2.714	4.7	17.5
11 27	2 28.13	+20 30.4	1.787	2.717	8.6	17.7
12 7	2 23.04	+20 0.4	1.858	2.721	12.1	17.9

127443 2002 PX_{69} 11 5.9 181°.43 4°.0/10.3 18

9 28	3 10.78	+33 16.5	3.014	3.728	12.1	20.5
10 8	3 6.14	+33 15.2	2.916	3.728	10.1	20.3
10 18	2 59.71	+32 59.7	2.839	3.729	7.9	20.2
10 28	2 51.99	+32 29.1	2.787	3.728	5.6	20.0
11 7	2 43.67	+31 43.9	2.764	3.728	4.1	19.9
11 17	2 35.51	+30 46.7	2.770	3.727	4.5	20.0
11 27	2 28.27	+29 41.7	2.807	3.726	6.4	20.1
12 7	2 22.54	+28 34.3	2.872	3.724	8.7	20.2

509441 2007 EQ_{219} 11 5.9 193°.53 1°.3/ 4.9 18

9 28	3 13.58	+14 36.9	2.013	2.812	14.6	22.4
10 8	3 8.89	+14 5.2	1.926	2.811	11.5	22.2
10 18	3 1.87	+13 25.1	1.862	2.809	7.8	21.9
10 28	2 53.12	+12 39.1	1.823	2.806	3.7	21.7
11 7	2 43.53	+11 51.4	1.814	2.802	1.6	21.5
11 17	2 34.12	+11 6.8	1.833	2.798	5.4	21.8
11 27	2 25.91	+10 30.4	1.882	2.794	9.4	22.0
12 7	2 19.68	+10 6.0	1.955	2.789	12.9	22.2

177710 2005 GM_{125} 11 5.9 135°.18 0°.2/ 5.8 18

9 28	3 16.82	+16 57.3	1.697	2.497	16.9	21.0
10 8	3 11.79	+16 47.1	1.623	2.507	13.3	20.8
10 18	3 3.99	+16 26.7	1.571	2.516	9.1	20.6
10 28	2 54.16	+15 57.9	1.543	2.525	4.3	20.3
11 7	2 43.40	+15 23.9	1.543	2.534	0.6	20.1
11 17	2 32.99	+14 49.5	1.571	2.542	5.5	20.5
11 27	2 24.14	+14 20.3	1.628	2.549	9.9	20.7
12 7	2 17.70	+14 0.7	1.708	2.556	13.8	21.0

278143 2007 CN_{62} 11 5.9 256°.40 0°.5/ 6.2 18

9 28	3 13.38	+18 59.2	1.714	2.515	16.7	21.5
10 8	3 9.41	+18 47.8	1.620	2.504	13.3	21.2
10 18	3 2.63	+18 24.1	1.547	2.492	9.2	20.9
10 28	2 53.64	+17 48.8	1.498	2.479	4.6	20.6
11 7	2 43.46	+17 5.2	1.476	2.467	0.6	20.3
11 17	2 33.34	+16 18.2	1.482	2.454	5.5	20.6
11 27	2 24.60	+15 34.4	1.515	2.441	10.2	20.9
12 7	2 18.22	+14 59.9	1.573	2.428	14.4	21.1

45566 2000 CK_{58} 11 5.9 284°.00 9°.8/25.9 18 R

9 28	3 6.68	−12 56.6	2.367	3.163	12.8	17.9
10 8	3 3.18	−14 42.4	2.300	3.149	11.2	17.8
10 18	2 57.85	−16 19.6	2.255	3.135	10.1	17.7
10 28	2 51.15	−17 40.3	2.236	3.120	9.8	17.7
11 7	2 43.80	−18 38.0	2.242	3.106	10.5	17.7
11 17	2 36.55	−19 8.7	2.271	3.092	11.9	17.8
11 27	2 30.21	−19 11.0	2.323	3.078	13.6	17.9
12 7	2 25.39	−18 46.7	2.393	3.064	15.3	18.0

324311 2006 DR_{187} 11 5.9 155°.29 0°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.93	+19 27.0	2.872	3.646	11.3	21.8
10 8	3 5.33	+19 21.2	2.784	3.652	8.9	21.6
10 18	2 59.10	+19 7.8	2.720	3.657	6.1	21.5
10 28	2 51.69	+18 47.6	2.683	3.662	3.1	21.3
11 7	2 43.74	+18 22.3	2.676	3.667	0.7	21.1
11 17	2 35.92	+17 54.6	2.700	3.671	3.4	21.3
11 27	2 28.94	+17 27.7	2.755	3.675	6.4	21.5
12 7	2 23.35	+17 4.6	2.836	3.679	9.1	21.7

352177 2007 RM_{118} 11 5.9 54°.09 4°.5/ 8.2 18

9 28	3 18.46	+25 23.9	1.572	2.353	18.8	19.9
10 8	3 13.49	+26 18.5	1.509	2.372	15.3	19.7
10 18	3 5.37	+26 58.5	1.466	2.391	11.3	19.5
10 28	2 54.88	+27 20.7	1.446	2.411	7.2	19.3
11 7	2 43.33	+27 24.3	1.452	2.431	4.6	19.2
11 17	2 32.19	+27 11.8	1.485	2.452	6.2	19.4
11 27	2 22.90	+26 49.2	1.545	2.472	9.9	19.7
12 7	2 16.39	+26 24.0	1.629	2.493	13.5	19.9

306793 2001 MH_{17} 11 5.9 81°.99 8°.5/31.8 18

9 28	3 14.47	− 7 18.2	1.919	2.723	15.0	20.1
10 8	3 9.25	− 8 12.3	1.872	2.742	12.5	20.0
10 18	3 1.86	− 8 56.7	1.847	2.760	10.1	19.9
10 28	2 52.99	− 9 24.8	1.846	2.779	8.7	19.8
11 7	2 43.58	− 9 31.8	1.872	2.797	8.9	19.9
11 17	2 34.63	− 9 15.3	1.924	2.815	10.5	20.0
11 27	2 27.04	− 8 35.9	2.000	2.833	12.7	20.2
12 7	2 21.44	− 7 36.5	2.099	2.851	14.9	20.4

401628 2013 GT_{70} 11 5.9 121°.72 0°.5/ 6.3 18

9 28	3 11.00	+19 19.1	2.463	3.244	12.7	21.7
10 8	3 6.38	+19 5.5	2.384	3.256	10.0	21.5
10 18	2 59.90	+18 42.9	2.328	3.267	6.9	21.3
10 28	2 52.08	+18 12.7	2.299	3.279	3.4	21.1
11 7	2 43.69	+17 37.1	2.299	3.290	0.6	20.9
11 17	2 35.52	+16 59.7	2.330	3.300	3.9	21.2
11 27	2 28.37	+16 24.5	2.390	3.311	7.2	21.4
12 7	2 22.84	+15 55.1	2.476	3.321	10.2	21.6

21524 1998 MB_{16} 11 5.9 242°.20 1°.0/ 5.1 18

9 28	3 10.34	+14 20.3	2.196	2.997	13.5	19.2
10 8	3 6.19	+14 2.8	2.108	2.994	10.6	19.0
10 18	2 59.97	+13 38.7	2.043	2.990	7.2	18.8
10 28	2 52.20	+13 9.8	2.004	2.987	3.4	18.5
11 7	2 43.67	+12 39.5	1.994	2.983	1.3	18.4
11 17	2 35.28	+12 11.4	2.013	2.979	4.9	18.6
11 27	2 27.94	+11 49.3	2.060	2.976	8.5	18.8
12 7	2 22.33	+11 36.5	2.133	2.972	11.8	19.0

30853 1991 UH_{3} 11 5.9 333°.98 2°.7/ 6.9 18

9 28	3 9.82	+19 57.8	1.441	2.260	18.4	17.5
10 8	3 7.44	+20 44.7	1.344	2.235	15.0	17.2
10 18	3 1.85	+21 23.1	1.266	2.211	10.8	16.9
10 28	2 53.51	+21 50.9	1.210	2.188	6.1	16.6
11 7	2 43.47	+22 7.5	1.178	2.166	2.7	16.3
11 17	2 33.20	+22 13.9	1.172	2.146	6.2	16.5
11 27	2 24.36	+22 14.6	1.191	2.127	11.3	16.7
12 7	2 18.26	+22 15.5	1.232	2.110	16.0	16.9

263688 2008 GQ_{133} 11 5.9 85°.60 4°.5/ 2.7 18

9 28	3 11.21	+ 3 36.3	2.145	2.957	13.4	20.8
10 8	3 6.67	+ 3 2.5	2.078	2.967	10.6	20.6
10 18	3 0.14	+ 2 29.4	2.034	2.977	7.5	20.5
10 28	2 52.21	+ 2 1.5	2.016	2.986	5.0	20.3
11 7	2 43.69	+ 1 42.7	2.027	2.996	4.8	20.3
11 17	2 35.43	+ 1 36.3	2.066	3.006	7.0	20.5
11 27	2 28.28	+ 1 44.2	2.132	3.016	9.9	20.7
12 7	2 22.87	+ 2 6.5	2.222	3.025	12.6	20.9

411937 2012 GH_{19} 11 5.9 51°.67 2°.4/ 3.7 18

9 28	3 7.22	+11 42.3	2.209	3.021	13.1	20.7
10 8	3 3.61	+10 50.0	2.134	3.027	10.1	20.5
10 18	2 58.10	+ 9 51.5	2.083	3.033	6.8	20.3
10 28	2 51.25	+ 8 50.7	2.058	3.039	3.6	20.1
11 7	2 43.81	+ 7 52.5	2.062	3.045	2.8	20.1
11 17	2 36.59	+ 7 1.7	2.095	3.052	5.6	20.3
11 27	2 30.40	+ 6 22.7	2.155	3.058	8.9	20.5
12 7	2 25.83	+ 5 57.8	2.241	3.065	11.8	20.7

305076 2007 UZ_{106} 11 5.9 66°.37 0°.1/ 5.8 18

9 28	3 15.54	+15 6.3	1.768	2.571	16.2	20.7
10 8	3 10.71	+15 21.1	1.694	2.579	12.7	20.5
10 18	3 3.25	+15 29.4	1.642	2.588	8.7	20.2
10 28	2 53.82	+15 32.0	1.614	2.597	4.2	20.0
11 7	2 43.48	+15 30.7	1.615	2.605	0.6	19.7
11 17	2 33.41	+15 28.4	1.644	2.614	5.2	20.1
11 27	2 24.78	+15 28.8	1.700	2.623	9.5	20.4
12 7	2 18.42	+15 35.2	1.782	2.632	13.2	20.6

259059 2002 UV_{2} 11 5.9 359°.19 18°.7/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.41	+48 26.2	0.910	1.663	31.2	18.8
10 8	3 11.26	+50 25.8	0.853	1.659	28.7	18.6
10 18	3 6.35	+51 44.5	0.804	1.657	25.8	18.4
10 28	2 56.20	+52 6.3	0.768	1.656	22.7	18.2
11 7	2 43.13	+51 19.4	0.745	1.657	20.1	18.1
11 17	2 30.54	+49 21.8	0.738	1.658	18.8	18.0
11 27	2 21.76	+46 28.0	0.748	1.661	19.3	18.0
12 7	2 18.50	+43 4.4	0.776	1.665	21.5	18.2

272522 2005 UY_{262} 11 5.9 342°.40 3°.0/ 3.5 18

9 28	3 7.22	+11 46.2	1.864	2.686	14.7	20.8
10 8	3 4.06	+10 45.6	1.785	2.683	11.5	20.6
10 18	2 58.66	+ 9 36.7	1.727	2.679	7.8	20.4
10 28	2 51.60	+ 8 24.4	1.695	2.676	4.2	20.2
11 7	2 43.77	+ 7 15.0	1.690	2.673	3.4	20.1
11 17	2 36.13	+ 6 14.7	1.714	2.671	6.7	20.3
11 27	2 29.67	+ 5 29.1	1.764	2.669	10.4	20.5
12 7	2 25.11	+ 5 1.3	1.838	2.667	13.8	20.7

58055 2003 AH_{6} 11 5.9 14°.98 7°.1/10.1 18

9 28	3 7.36	+30 54.2	1.056	1.871	23.9	17.9
10 8	3 6.29	+31 31.8	0.998	1.877	20.0	17.7
10 18	3 1.25	+31 41.3	0.956	1.884	15.5	17.4
10 28	2 53.13	+31 18.4	0.931	1.893	10.7	17.2
11 7	2 43.57	+30 24.1	0.928	1.904	7.3	17.1
11 17	2 34.52	+29 5.2	0.947	1.917	8.3	17.2
11 27	2 27.82	+27 34.8	0.989	1.931	12.2	17.4
12 7	2 24.56	+26 6.9	1.052	1.946	16.6	17.7

395439 2011 SO_{226} 11 5.9 7°.64 3°.2/ 8.1 18

9 28	3 11.67	+25 44.1	1.786	2.568	16.8	21.0
10 8	3 7.96	+25 52.2	1.702	2.568	13.7	20.8
10 18	3 1.54	+25 44.5	1.639	2.568	10.0	20.6
10 28	2 53.07	+25 20.0	1.599	2.569	6.1	20.3
11 7	2 43.58	+24 40.2	1.585	2.569	3.3	20.2
11 17	2 34.30	+23 49.2	1.599	2.570	5.3	20.3
11 27	2 26.45	+22 53.8	1.641	2.572	9.1	20.5
12 7	2 20.91	+22 1.4	1.707	2.573	12.9	20.8

440379 2005 CS_{47} 11 5.9 248°.14 8°.2/11.8 18

9 28	3 16.56	+38 16.6	1.996	2.704	17.5	21.2
10 8	3 12.18	+39 11.1	1.902	2.698	15.3	21.0
10 18	3 4.70	+39 46.2	1.825	2.692	12.7	20.8
10 28	2 54.72	+39 56.6	1.770	2.685	10.2	20.6
11 7	2 43.37	+39 39.1	1.740	2.678	8.5	20.5
11 17	2 32.06	+38 54.7	1.736	2.672	8.5	20.5
11 27	2 22.28	+37 49.0	1.758	2.665	10.3	20.6
12 7	2 15.12	+36 31.5	1.805	2.658	12.9	20.8

509179 2006 HL_{152} 11 5.9 125°.19 13°.3/25.9 18

9 28	3 17.25	−28 15.3	2.334	3.050	15.1	21.7
10 8	3 11.18	−29 42.3	2.310	3.067	14.1	21.7
10 18	3 3.03	−30 47.9	2.307	3.084	13.4	21.6
10 28	2 53.52	−31 24.9	2.324	3.100	13.3	21.7
11 7	2 43.57	−31 29.2	2.362	3.115	13.6	21.7
11 17	2 34.11	−31 0.1	2.420	3.130	14.4	21.8
11 27	2 26.03	−30 0.1	2.497	3.144	15.3	21.9
12 7	2 19.89	−28 34.3	2.591	3.158	16.2	22.0

169772 2002 PD_{90} 11 5.9 58°.19 0°.4/ 5.5 18

9 28	3 9.57	+19 40.5	1.716	2.523	16.4	19.7
10 8	3 6.05	+18 41.9	1.644	2.532	12.9	19.5
10 18	3 0.04	+17 28.0	1.593	2.541	8.7	19.2
10 28	2 52.26	+16 2.5	1.567	2.550	4.1	19.0
11 7	2 43.72	+14 31.8	1.569	2.560	0.8	18.8
11 17	2 35.55	+13 3.5	1.600	2.569	5.5	19.1
11 27	2 28.80	+11 45.7	1.658	2.579	9.8	19.4
12 7	2 24.21	+10 43.9	1.740	2.589	13.5	19.6

518357 2017 DP_{50} 11 5.9 70°.55 4°.6/ 2.2 18

9 28	3 8.69	+ 3 16.8	2.286	3.100	12.6	21.0
10 8	3 4.65	+ 2 32.1	2.215	3.104	10.0	20.8
10 18	2 58.77	+ 1 47.7	2.167	3.108	7.2	20.7
10 28	2 51.58	+ 1 8.3	2.145	3.113	5.0	20.5
11 7	2 43.80	+ 0 38.0	2.152	3.117	4.9	20.5
11 17	2 36.24	+ 0 20.6	2.187	3.122	7.0	20.7
11 27	2 29.66	+ 0 18.3	2.249	3.126	9.8	20.9
12 7	2 24.66	+ 0 31.4	2.335	3.131	12.3	21.1

521472 2015 OT_{92} 11 5.9 28°.79 3°.2/ 3.9 18

9 28	3 11.65	+ 8 41.7	1.788	2.607	15.4	20.9
10 8	3 7.57	+ 8 17.4	1.714	2.610	12.0	20.7
10 18	3 1.06	+ 7 49.8	1.662	2.612	8.3	20.5
10 28	2 52.77	+ 7 22.9	1.635	2.615	4.5	20.3
11 7	2 43.65	+ 7 0.9	1.636	2.619	3.5	20.2
11 17	2 34.77	+ 6 48.1	1.664	2.622	6.7	20.4
11 27	2 27.20	+ 6 47.6	1.719	2.625	10.5	20.6
12 7	2 21.71	+ 7 1.1	1.797	2.629	13.9	20.9

172093 2002 EM_{28} 11 5.9 134.°95 1.°1/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.20	+20 10.1	1.607	2.403	17.8	20.8
10 8	3 12.34	+20 5.4	1.533	2.412	14.2	20.5
10 18	3 4.51	+19 47.5	1.479	2.421	9.9	20.3
10 28	2 54.48	+19 17.0	1.450	2.429	5.0	20.1
11 7	2 43.44	+18 36.9	1.447	2.437	1.1	19.8
11 17	2 32.75	+17 52.3	1.473	2.445	5.4	20.1
11 27	2 23.73	+17 10.0	1.525	2.452	10.1	20.4
12 7	2 17.30	+16 36.1	1.602	2.458	14.1	20.7

519321 2011 ED_{90} 11 5.9 297.°90 5.°1/ 8.4 18

9 28	3 15.14	+26 32.8	1.512	2.298	19.2	21.3
10 8	3 11.58	+27 18.9	1.420	2.286	15.9	21.0
10 18	3 4.61	+27 49.8	1.347	2.274	12.0	20.8
10 28	2 54.81	+28 1.8	1.297	2.262	7.9	20.5
11 7	2 43.37	+27 53.0	1.271	2.250	5.1	20.3
11 17	2 31.87	+27 25.4	1.271	2.238	6.9	20.4
11 27	2 22.03	+26 45.6	1.296	2.227	11.1	20.6
12 7	2 15.10	+26 2.6	1.345	2.216	15.3	20.8

34576 2000 SA_{329} 11 5.9 168.°43 0.°9/ 5.2 18

9 28	3 11.74	+14 0.8	2.354	3.149	12.9	19.4
10 8	3 7.10	+13 49.6	2.269	3.151	10.1	19.2
10 18	3 0.49	+13 32.7	2.207	3.153	6.8	19.0
10 28	2 52.44	+13 11.8	2.172	3.154	3.2	18.8
11 7	2 43.70	+12 49.7	2.166	3.156	1.2	18.6
11 17	2 35.13	+12 29.3	2.191	3.157	4.5	18.9
11 27	2 27.56	+12 14.2	2.244	3.158	8.0	19.1
12 7	2 21.65	+12 6.9	2.323	3.158	11.1	19.3

332449 2008 AC_{62} 11 5.9 189.°46 1.°7/ 6.9 16

9 28	3 15.85	+22 11.6	1.731	2.518	17.1	21.7
10 8	3 11.26	+22 6.9	1.645	2.518	13.7	21.5
10 18	3 3.82	+21 47.9	1.579	2.517	9.7	21.2
10 28	2 54.20	+21 14.5	1.538	2.515	5.2	21.0
11 7	2 43.48	+20 29.0	1.524	2.513	1.7	20.7
11 17	2 32.98	+19 36.5	1.539	2.511	5.2	21.0
11 27	2 23.98	+18 43.8	1.581	2.508	9.7	21.2
12 7	2 17.42	+17 57.9	1.648	2.505	13.7	21.5

457244 2008 OT_{21} 11 5.9 359.°56 4.°5/ 9.1 17

9 28	3 11.08	+28 55.1	2.079	2.839	15.5	21.5
10 8	3 7.26	+29 27.4	1.992	2.838	12.8	21.3
10 18	3 0.98	+29 45.4	1.924	2.837	9.8	21.1
10 28	2 52.81	+29 46.8	1.880	2.837	6.7	20.9
11 7	2 43.68	+29 31.5	1.863	2.837	4.6	20.8
11 17	2 34.66	+29 1.7	1.874	2.837	5.5	20.9
11 27	2 26.87	+28 22.3	1.912	2.838	8.4	21.1
12 7	2 21.14	+27 39.7	1.976	2.839	11.5	21.3

184293 2005 EB_{2} 11 5.9 302.°99 9.°6/29.1 17

9 28	3 7.46	+ 9 12.6	1.048	1.910	20.8	18.9
10 8	3 5.89	+ 5 49.3	0.979	1.899	16.5	18.6
10 18	3 0.78	+ 2 2.0	0.931	1.888	12.1	18.4
10 28	2 52.91	− 1 50.1	0.908	1.877	9.6	18.2
11 7	2 43.68	− 5 22.7	0.910	1.867	11.3	18.2
11 17	2 34.75	− 8 13.9	0.936	1.857	15.6	18.5
11 27	2 27.76	−10 11.1	0.982	1.848	20.3	18.7
12 7	2 23.81	−11 13.3	1.045	1.839	24.3	19.0

203208 2001 DE_{75} 11 5.9 341.°71 3.°5/ 7.6 18

9 28	3 8.19	+23 17.3	1.301	2.121	20.0	19.7
10 8	3 6.34	+23 44.9	1.218	2.108	16.3	19.4
10 18	3 1.13	+23 56.4	1.153	2.096	11.9	19.1
10 28	2 53.15	+23 50.0	1.109	2.085	7.0	18.8
11 7	2 43.63	+23 26.4	1.088	2.075	3.5	18.6
11 17	2 34.16	+22 49.6	1.093	2.067	6.4	18.8
11 27	2 26.42	+22 7.4	1.121	2.060	11.5	19.0
12 7	2 21.62	+21 28.8	1.171	2.054	16.2	19.3

4569 Baerbel 11 5.9 160.°61 2.°3/ 3.9 18

9 28	3 10.24	+14 25.2	1.923	2.732	14.8	16.5
10 8	3 6.30	+13 12.0	1.844	2.735	11.5	16.3
10 18	3 0.12	+11 47.8	1.787	2.737	7.8	16.1
10 28	2 52.31	+10 17.6	1.757	2.740	3.9	15.9
11 7	2 43.77	+ 8 47.9	1.756	2.741	2.7	15.8
11 17	2 35.49	+ 7 26.0	1.784	2.743	6.2	16.0
11 27	2 28.45	+ 6 18.3	1.840	2.744	10.1	16.3
12 7	2 23.35	+ 5 28.9	1.920	2.746	13.4	16.5

412947 2014 QV_{229} 11 5.9 298.°92 7.°5/29.6 18

9 28	3 6.29	− 2 2.5	2.121	2.942	13.2	20.6
10 8	3 3.07	− 3 44.1	2.044	2.930	10.8	20.5
10 18	2 57.89	− 5 24.6	1.991	2.919	8.7	20.3
10 28	2 51.26	− 6 56.2	1.965	2.907	7.5	20.2
11 7	2 43.91	− 8 11.5	1.965	2.896	8.2	20.2
11 17	2 36.69	− 9 4.8	1.992	2.885	10.2	20.4
11 27	2 30.45	− 9 32.8	2.043	2.874	12.6	20.5
12 7	2 25.84	− 9 35.5	2.116	2.863	15.0	20.6

225119 2008 EV_{77} 11 5.9 118.°93 1.°7/ 4.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 15.89	+14 2.8	1.798	2.602	15.9	21.7
10 8	3 10.73	+13 26.7	1.732	2.619	12.4	21.5
10 18	3 3.10	+12 42.4	1.688	2.636	8.3	21.3
10 28	2 53.72	+11 53.2	1.670	2.652	4.0	21.1
11 7	2 43.62	+11 4.0	1.680	2.668	2.0	21.0
11 17	2 33.95	+10 20.1	1.719	2.683	5.8	21.3
11 27	2 25.75	+ 9 46.5	1.785	2.697	9.9	21.6
12 7	2 19.75	+ 9 26.5	1.877	2.711	13.3	21.8

438513 2007 RD_{154} 11 5.9 12.°33 2.°7/ 4.0 16

9 28	3 9.08	+12 55.7	1.585	2.412	16.6	21.7
10 8	3 5.91	+12 1.7	1.513	2.413	13.0	21.5
10 18	3 0.12	+10 58.0	1.461	2.415	8.8	21.2
10 28	2 52.40	+ 9 49.5	1.434	2.417	4.5	21.0
11 7	2 43.78	+ 8 42.9	1.433	2.419	3.1	20.9
11 17	2 35.44	+ 7 45.4	1.459	2.421	7.0	21.2
11 27	2 28.54	+ 7 3.2	1.512	2.424	11.3	21.4
12 7	2 23.88	+ 6 39.6	1.586	2.427	15.0	21.7

372743 2010 AG_{60} 11 5.9 314.°11 4.°5/ 9.6 17

9 28	3 10.35	+30 46.4	2.331	3.076	14.4	20.8
10 8	3 6.49	+31 7.8	2.235	3.069	12.0	20.6
10 18	3 0.36	+31 14.4	2.158	3.063	9.3	20.4
10 28	2 52.51	+31 4.5	2.106	3.057	6.5	20.2
11 7	2 43.77	+30 37.9	2.081	3.051	4.6	20.1
11 17	2 35.10	+29 56.9	2.084	3.045	5.3	20.1
11 27	2 27.53	+29 6.3	2.115	3.039	7.8	20.3
12 7	2 21.82	+28 12.3	2.173	3.033	10.7	20.5

430032 2013 RE_{60} 11 5.9 11.°94 4.°5/ 8.2 18

9 28	3 14.17	+25 42.2	1.297	2.101	20.9	20.7
10 8	3 11.00	+26 13.5	1.224	2.101	17.1	20.5
10 18	3 4.23	+26 26.3	1.168	2.102	12.7	20.2
10 28	2 54.60	+26 17.8	1.133	2.104	7.9	19.9
11 7	2 43.51	+25 48.1	1.123	2.106	4.5	19.8
11 17	2 32.69	+25 1.9	1.137	2.109	6.8	19.9
11 27	2 23.86	+24 8.0	1.176	2.112	11.4	20.2
12 7	2 18.19	+23 16.5	1.238	2.115	15.9	20.5

400690 2009 QM_{43} 11 5.9 31.°05 0.°2/ 6.0 14 C

9 28	3 10.59	+17 42.6	1.540	2.358	17.5	20.6
10 8	3 7.03	+17 38.7	1.486	2.379	13.7	20.4
10 18	3 0.79	+17 24.1	1.451	2.401	9.3	20.2
10 28	2 52.66	+17 0.4	1.441	2.423	4.5	20.0
11 7	2 43.78	+16 31.4	1.456	2.447	0.5	19.8
11 17	2 35.38	+16 1.9	1.499	2.472	5.3	20.2
11 27	2 28.58	+15 37.2	1.568	2.497	9.6	20.5
12 7	2 24.11	+15 21.5	1.661	2.523	13.4	20.8

192572 1998 WS_{40} 11 5.9 163.°49 1.°4/ 7.4 18

9 28	3 8.89	+24 34.8	2.690	3.453	12.2	20.7
10 8	3 4.70	+23 58.0	2.598	3.456	9.8	20.5
10 18	2 58.78	+23 8.5	2.529	3.459	6.9	20.3
10 28	2 51.62	+22 7.5	2.487	3.462	3.8	20.1
11 7	2 43.91	+20 57.8	2.475	3.464	1.4	20.0
11 17	2 36.40	+19 43.6	2.494	3.466	3.6	20.1
11 27	2 29.82	+18 30.3	2.544	3.468	6.7	20.3
12 7	2 24.74	+17 22.8	2.621	3.469	9.5	20.5

149108 2002 CO_{209} 11 5.9 128.°28 5.°5/ 1.5 18

9 28	3 8.90	+ 1 53.7	2.176	2.992	13.1	20.3
10 8	3 4.95	+ 0 53.7	2.105	2.994	10.4	20.2
10 18	2 59.06	− 0 5.5	2.056	2.995	7.7	20.0
10 28	2 51.79	− 0 58.7	2.034	2.997	5.7	19.9
11 7	2 43.89	− 1 40.4	2.040	2.998	5.9	19.9
11 17	2 36.20	− 2 6.4	2.074	3.000	8.0	20.0
11 27	2 29.53	− 2 14.3	2.134	3.001	10.7	20.2
12 7	2 24.52	− 2 3.9	2.217	3.003	13.2	20.4

290044 2005 QG_{44} 11 5.9 59.°09 1.°6/ 5.0 18

9 28	3 14.80	+14 39.8	1.330	2.156	19.3	20.7
10 8	3 10.61	+14 11.4	1.278	2.176	15.0	20.5
10 18	3 3.35	+13 32.9	1.245	2.198	10.1	20.2
10 28	2 53.91	+12 48.2	1.235	2.219	4.8	20.0
11 7	2 43.64	+12 3.1	1.252	2.241	2.0	19.9
11 17	2 33.99	+11 24.0	1.294	2.263	6.7	20.2
11 27	2 26.26	+10 56.8	1.362	2.285	11.4	20.6
12 7	2 21.24	+10 45.0	1.453	2.307	15.4	20.9

323575 2004 TX_{147} 11 5.9 24.°37 3.°5/ 8.3 18

9 28	3 13.06	+25 42.2	2.123	2.889	15.0	20.6
10 8	3 8.67	+26 13.2	2.036	2.891	12.2	20.4
10 18	3 1.88	+26 32.0	1.970	2.893	9.1	20.2
10 28	2 53.26	+26 37.2	1.929	2.894	5.7	20.0
11 7	2 43.70	+26 28.8	1.916	2.897	3.5	19.9
11 17	2 34.27	+26 8.8	1.931	2.899	5.0	20.0
11 27	2 26.04	+25 41.8	1.975	2.901	8.2	20.2
12 7	2 19.83	+25 13.2	2.044	2.904	11.4	20.4

356062 2009 DV_{41} 11 5.9 299°.57 0°.7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.17	+16 30.7	1.758	2.569	15.9	21.0
10 8	3 6.73	+16 4.5	1.670	2.560	12.6	20.8
10 18	3 0.72	+15 27.5	1.602	2.551	8.6	20.5
10 28	2 52.75	+14 41.8	1.559	2.543	4.1	20.3
11 7	2 43.76	+13 51.9	1.544	2.534	1.1	20.0
11 17	2 34.91	+13 3.2	1.556	2.525	5.6	20.3
11 27	2 27.34	+12 21.8	1.595	2.517	10.1	20.6
12 7	2 21.92	+11 52.6	1.658	2.509	14.0	20.8

278589 2008 NO 11 5.9 11°.10 8°.6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.57	+ 1 2.2	1.195	2.049	19.3	19.5
10 8	3 6.13	− 0 11.1	1.141	2.051	15.5	19.3
10 18	3 0.57	− 1 21.8	1.106	2.054	11.7	19.1
10 28	2 52.69	− 2 19.9	1.093	2.059	8.9	19.0
11 7	2 43.80	− 2 56.0	1.103	2.064	9.1	19.0
11 17	2 35.34	− 3 4.1	1.136	2.071	12.0	19.2
11 27	2 28.67	− 2 42.2	1.190	2.079	15.7	19.4
12 7	2 24.68	− 1 53.0	1.264	2.087	19.2	19.7

21025 1989 SL_{2} 11 5.9 18°.25 3°.9/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 10.52	+10 10.8	1.055	1.911	21.2	17.8
10 8	3 8.14	+ 9 42.0	1.000	1.916	16.6	17.5
10 18	3 2.20	+ 9 6.7	0.963	1.922	11.3	17.2
10 28	2 53.55	+ 8 30.7	0.946	1.930	6.0	17.0
11 7	2 43.71	+ 8 1.2	0.953	1.939	4.3	16.9
11 17	2 34.36	+ 7 45.0	0.983	1.948	8.8	17.2
11 27	2 27.11	+ 7 46.8	1.035	1.959	13.9	17.5
12 7	2 22.95	+ 8 8.2	1.107	1.971	18.4	17.8

24652 1986 QY_{1} 11 5.9 25°.09 0°.7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.47	+15 51.1	1.962	2.771	14.6	18.2
10 8	3 4.95	+15 28.6	1.887	2.777	11.4	18.0
10 18	2 59.24	+14 57.5	1.834	2.783	7.7	17.8
10 28	2 51.94	+14 20.3	1.806	2.789	3.6	17.6
11 7	2 43.91	+13 40.6	1.806	2.796	1.0	17.4
11 17	2 36.12	+13 3.0	1.834	2.803	5.0	17.7
11 27	2 29.51	+12 32.1	1.890	2.811	8.8	17.9
12 7	2 24.77	+12 11.5	1.971	2.819	12.2	18.2

132310 2002 GP_{13} 11 5.9 100°.67 0°.0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.82	+17 34.5	1.897	2.691	15.5	20.8
10 8	3 9.89	+17 23.1	1.828	2.708	12.2	20.6
10 18	3 2.55	+17 2.2	1.781	2.725	8.3	20.4
10 28	2 53.51	+16 33.2	1.759	2.741	4.0	20.2
11 7	2 43.74	+15 59.4	1.766	2.757	0.5	19.9
11 17	2 34.33	+15 25.0	1.802	2.773	4.8	20.3
11 27	2 26.31	+14 54.9	1.867	2.788	8.9	20.6
12 7	2 20.41	+14 33.2	1.956	2.803	12.3	20.8

45345 2000 AD_{91} 11 5.9 251°.19 0°.8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.84	+15 18.9	2.373	3.171	12.7	19.5
10 8	3 4.90	+14 55.4	2.284	3.167	9.9	19.3
10 18	2 59.07	+14 24.5	2.217	3.164	6.7	19.1
10 28	2 51.84	+13 48.5	2.177	3.160	3.2	18.9
11 7	2 43.94	+13 10.4	2.167	3.156	1.0	18.7
11 17	2 36.16	+12 33.9	2.186	3.153	4.5	19.0
11 27	2 29.32	+12 3.1	2.233	3.149	7.9	19.2
12 7	2 24.07	+11 41.2	2.306	3.145	11.0	19.4

516263 2016 UO_{148} 11 5.9 296°.69 0°.3/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.95	+15 6.4	1.703	2.506	16.7	21.0
10 8	3 12.40	+15 39.3	1.606	2.491	13.3	20.8
10 18	3 4.87	+16 7.6	1.530	2.476	9.3	20.5
10 28	2 54.91	+16 31.0	1.479	2.461	4.6	20.2
11 7	2 43.54	+16 50.0	1.455	2.446	0.6	19.9
11 17	2 32.08	+17 6.1	1.460	2.431	5.6	20.2
11 27	2 21.94	+17 22.5	1.492	2.417	10.4	20.4
12 7	2 14.25	+17 42.5	1.548	2.403	14.6	20.7

511453 2014 JZ_{68} 11 5.9 199°.55 0°.7/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.75	+19 15.8	2.342	3.121	13.4	22.7
10 8	3 8.85	+19 10.5	2.247	3.117	10.7	22.5
10 18	3 1.82	+18 56.0	2.175	3.113	7.4	22.3
10 28	2 53.20	+18 33.1	2.129	3.109	3.7	22.1
11 7	2 43.78	+18 3.8	2.113	3.104	0.7	21.8
11 17	2 34.46	+17 31.1	2.127	3.098	4.2	22.1
11 27	2 26.19	+16 59.5	2.171	3.092	7.8	22.3
12 7	2 19.67	+16 33.0	2.241	3.085	11.1	22.5

328205 2008 EE_{56} 11 5.9 129°.29 4°.1/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.57	+ 9 35.4	1.570	2.393	17.0	21.1
10 8	3 9.37	+ 8 35.7	1.502	2.399	13.3	20.9
10 18	3 2.44	+ 7 29.4	1.455	2.406	9.1	20.6
10 28	2 53.53	+ 6 22.5	1.433	2.412	5.2	20.4
11 7	2 43.74	+ 5 22.1	1.438	2.418	4.5	20.4
11 17	2 34.32	+ 4 34.9	1.470	2.423	7.9	20.6
11 27	2 26.43	+ 4 6.1	1.528	2.429	12.0	20.9
12 7	2 20.91	+ 3 57.7	1.608	2.434	15.6	21.1

116004 2003 WB_{76} 11 5.9 32°.55 4°.1/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 10.88	+29 18.5	2.204	2.958	14.9	20.0
10 8	3 6.90	+29 37.6	2.119	2.962	12.3	19.8
10 18	3 0.64	+29 41.9	2.055	2.967	9.3	19.6
10 28	2 52.66	+29 29.9	2.015	2.971	6.3	19.5
11 7	2 43.85	+29 2.1	2.001	2.976	4.2	19.4
11 17	2 35.21	+28 21.3	2.017	2.981	5.1	19.4
11 27	2 27.77	+27 32.6	2.060	2.986	7.9	19.6
12 7	2 22.26	+26 42.2	2.129	2.991	10.8	19.8

115647 2003 UF_{133} 11 5.9 187°.08 6°.4/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.39	+34 23.0	1.903	2.639	17.5	20.1
10 8	3 10.28	+34 50.1	1.815	2.639	14.8	19.9
10 18	3 3.28	+34 57.3	1.746	2.639	11.8	19.7
10 28	2 54.04	+34 40.9	1.699	2.638	8.7	19.6
11 7	2 43.68	+34 0.2	1.677	2.638	6.6	19.4
11 17	2 33.51	+32 58.1	1.683	2.638	6.9	19.5
11 27	2 24.87	+31 41.8	1.715	2.638	9.5	19.6
12 7	2 18.72	+30 20.6	1.773	2.637	12.6	19.8

509627 2008 FC_{58} 11 5.9 206°.21 0°.8/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.27	+15 47.2	1.832	2.632	15.8	22.5
10 8	3 10.59	+15 25.6	1.744	2.628	12.5	22.2
10 18	3 3.29	+14 54.3	1.677	2.623	8.5	22.0
10 28	2 54.00	+14 15.5	1.635	2.618	4.1	21.7
11 7	2 43.68	+13 32.9	1.621	2.612	1.1	21.5
11 17	2 33.53	+12 51.6	1.637	2.605	5.6	21.8
11 27	2 24.70	+12 17.1	1.680	2.598	10.0	22.0
12 7	2 18.08	+11 53.9	1.748	2.590	13.8	22.3

137731 1999 XW_{121} 11 5.9 18°.66 5°.3/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.12	+27 31.2	1.150	1.963	22.5	18.9
10 8	3 8.95	+28 0.5	1.086	1.968	18.5	18.7
10 18	3 2.98	+28 7.0	1.039	1.974	13.9	18.5
10 28	2 54.05	+27 47.5	1.012	1.981	8.9	18.2
11 7	2 43.69	+27 3.1	1.006	1.989	5.4	18.0
11 17	2 33.76	+25 59.9	1.025	1.997	7.2	18.2
11 27	2 26.03	+24 49.0	1.068	2.007	11.8	18.5
12 7	2 21.61	+23 42.1	1.132	2.018	16.3	18.8

451344 2010 VS_{209} 11 5.9 9°.97 4°.4/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.46	+26 53.6	1.962	2.727	16.1	21.4
10 8	3 10.09	+27 38.7	1.876	2.728	13.3	21.2
10 18	3 3.04	+28 11.0	1.810	2.729	10.0	21.0
10 28	2 53.92	+28 27.9	1.769	2.730	6.6	20.8
11 7	2 43.71	+28 28.4	1.755	2.731	4.4	20.7
11 17	2 33.60	+28 14.3	1.768	2.733	5.7	20.8
11 27	2 24.81	+27 50.1	1.809	2.735	8.8	21.0
12 7	2 18.26	+27 22.2	1.876	2.737	12.1	21.2

90572 2004 GN_{17} 11 5.9 86°.73 4°.7/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.69	− 1 5.6	2.996	3.797	10.3	19.7
10 8	3 3.34	− 1 49.9	2.941	3.818	8.2	19.6
10 18	2 57.64	− 2 31.1	2.911	3.840	6.2	19.5
10 28	2 51.04	− 3 5.5	2.909	3.861	4.8	19.5
11 7	2 44.10	− 3 29.8	2.935	3.882	5.0	19.5
11 17	2 37.38	− 3 41.9	2.991	3.903	6.4	19.6
11 27	2 31.44	− 3 40.4	3.074	3.924	8.3	19.8
12 7	2 26.72	− 3 25.6	3.182	3.944	10.1	19.9

362541 2010 UU_{43} 11 5.9 144°.03 1°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 11.12	+14 21.1	2.220	3.019	13.4	21.5
10 8	3 6.77	+14 3.4	2.138	3.022	10.5	21.3
10 18	3 0.38	+13 39.2	2.079	3.025	7.1	21.1
10 28	2 52.50	+13 10.5	2.046	3.028	3.4	20.9
11 7	2 43.91	+12 40.4	2.042	3.031	1.2	20.7
11 17	2 35.52	+12 12.7	2.067	3.034	4.7	21.0
11 27	2 28.18	+11 51.0	2.121	3.036	8.3	21.2
12 7	2 22.57	+11 38.3	2.201	3.039	11.5	21.4

42945 1999 TW_{94} 11 5.9 178°.85 2°.6/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.84	+10 7.2	1.858	2.669	15.2	18.8
10 8	3 9.30	+ 9 49.0	1.778	2.669	11.9	18.6
10 18	3 2.31	+ 9 26.6	1.721	2.669	8.1	18.4
10 28	2 53.49	+ 9 3.1	1.688	2.669	4.2	18.1
11 7	2 43.80	+ 8 42.6	1.684	2.669	2.8	18.1
11 17	2 34.30	+ 8 28.9	1.708	2.669	6.2	18.3
11 27	2 26.09	+ 8 25.5	1.760	2.669	10.2	18.5
12 7	2 19.96	+ 8 34.5	1.836	2.669	13.7	18.7

480668 2015 ON_{68} 11 5.9 121°.26 1°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.23	+15 47.0	1.902	2.705	15.2	21.5
10 8	3 7.93	+15 14.3	1.826	2.713	11.9	21.3
10 18	3 1.30	+14 32.1	1.773	2.720	8.0	21.1
10 28	2 52.96	+13 43.2	1.745	2.728	3.8	20.8
11 7	2 43.87	+12 52.1	1.745	2.735	1.3	20.7
11 17	2 35.06	+12 3.9	1.774	2.742	5.3	21.0
11 27	2 27.54	+11 24.0	1.831	2.748	9.3	21.2
12 7	2 22.04	+10 56.2	1.913	2.755	12.8	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
68683 2002 CX_{141}		11 5.9 144°.64 1°.1/ 5.0 18				
	h m	° ′			°	m
9 28	3 13.14	+15 49.0	2.222	3.013	13.6	20.4
10 8	3 8.23	+15 7.9	2.145	3.025	10.7	20.2
10 18	3 1.29	+14 18.0	2.090	3.036	7.2	20.0
10 28	2 52.89	+13 22.2	2.063	3.046	3.4	19.8
11 7	2 43.88	+12 24.6	2.066	3.055	1.3	19.7
11 17	2 35.15	+11 30.0	2.099	3.064	4.8	20.0
11 27	2 27.55	+10 43.4	2.161	3.072	8.4	20.2
12 7	2 21.75	+10 8.1	2.249	3.080	11.5	20.4
464281 2015 YJ_{9}		11 5.9 320°.25 1°.1/ 5.1 17				
9 28	3 7.83	+14 46.0	2.070	2.880	13.9	21.0
10 8	3 4.52	+14 24.3	1.977	2.867	10.9	20.8
10 18	2 59.05	+13 54.7	1.905	2.854	7.4	20.5
10 28	2 51.94	+13 19.6	1.859	2.842	3.6	20.3
11 7	2 43.98	+12 42.4	1.841	2.830	1.3	20.1
11 17	2 36.10	+12 7.4	1.851	2.819	5.1	20.3
11 27	2 29.23	+11 39.2	1.889	2.808	9.0	20.5
12 7	2 24.15	+11 21.3	1.952	2.797	12.4	20.7
242867 2006 HO_{15}		11 5.9 172°.67 1°.3/ 7.1 17				
9 28	3 10.00	+21 47.1	2.601	3.373	12.4	20.9
10 8	3 5.71	+21 43.3	2.510	3.374	9.9	20.7
10 18	2 59.58	+21 29.9	2.442	3.375	7.0	20.5
10 28	2 52.10	+21 7.3	2.400	3.376	3.8	20.3
11 7	2 43.98	+20 37.3	2.388	3.377	1.3	20.1
11 17	2 35.99	+20 2.7	2.406	3.377	3.7	20.3
11 27	2 28.91	+19 27.5	2.453	3.378	6.9	20.5
12 7	2 23.37	+18 55.6	2.527	3.378	9.8	20.7
97190 1999 WY_{14}		11 5.9 27°.33 0°.4/ 6.2 18				
9 28	3 10.97	+18 40.1	1.452	2.271	18.3	20.0
10 8	3 7.75	+18 29.5	1.384	2.278	14.5	19.8
10 18	3 1.58	+18 5.8	1.336	2.285	10.0	19.6
10 28	2 53.21	+17 30.8	1.311	2.293	4.9	19.3
11 7	2 43.85	+16 48.6	1.311	2.302	0.6	19.0
11 17	2 34.84	+16 4.9	1.338	2.311	5.7	19.4
11 27	2 27.48	+15 26.7	1.391	2.321	10.5	19.7
12 7	2 22.66	+14 59.3	1.466	2.331	14.6	20.0
389415 2010 AA_{136}		11 5.9 160°.79 1°.5/ 7.2 18				
9 28	3 12.91	+23 18.3	2.200	2.973	14.3	21.8
10 8	3 8.27	+22 54.8	2.114	2.978	11.5	21.6
10 18	3 1.45	+22 17.9	2.050	2.983	8.1	21.4
10 28	2 53.03	+21 28.4	2.012	2.987	4.4	21.2
11 7	2 43.88	+20 29.0	2.002	2.991	1.5	21.0
11 17	2 34.97	+19 24.6	2.023	2.995	4.2	21.2
11 27	2 27.25	+18 21.1	2.073	2.997	7.9	21.4
12 7	2 21.41	+17 24.1	2.149	3.000	11.2	21.6
151708 2003 BV_{34}		11 5.9 226°.49 1°.4/ 5.0 18				
9 28	3 14.32	+14 6.3	1.882	2.685	15.3	20.9
10 8	3 9.81	+13 44.6	1.791	2.677	12.1	20.6
10 18	3 2.78	+13 14.8	1.721	2.668	8.2	20.4
10 28	2 53.79	+12 39.4	1.677	2.659	4.0	20.1
11 7	2 43.78	+12 2.2	1.661	2.650	1.7	19.9
11 17	2 33.88	+11 27.7	1.674	2.640	5.7	20.2
11 27	2 25.23	+11 1.2	1.714	2.629	10.0	20.4
12 7	2 18.68	+10 46.3	1.779	2.618	13.7	20.6
480764 2016 NB_{52}		11 5.9 129°.81 1°.3/ 5.1 16				
9 28	3 16.28	+15 32.7	1.648	2.454	17.0	22.2
10 8	3 11.41	+14 59.4	1.578	2.466	13.4	22.0
10 18	3 3.81	+14 15.7	1.529	2.478	9.0	21.8
10 28	2 54.21	+13 24.8	1.506	2.489	4.3	21.6
11 7	2 43.76	+12 31.7	1.509	2.499	1.6	21.4
11 17	2 33.70	+11 42.4	1.542	2.509	6.0	21.7
11 27	2 25.23	+11 3.0	1.601	2.518	10.4	22.0
12 7	2 19.16	+10 37.5	1.685	2.527	14.2	22.3
46796 Mamigasakigawa		11 5.9 143°.53 4°.4/ 3.5 18				
9 28	3 15.94	+ 6 44.2	1.627	2.445	16.7	18.4
10 8	3 11.16	+ 6 7.1	1.557	2.451	13.1	18.2
10 18	3 3.67	+ 5 27.7	1.509	2.456	9.2	18.0
10 28	2 54.17	+ 4 50.9	1.485	2.461	5.5	17.8
11 7	2 43.77	+ 4 22.6	1.488	2.466	4.8	17.7
11 17	2 33.68	+ 4 7.4	1.519	2.470	7.9	17.9
11 27	2 25.12	+ 4 8.6	1.576	2.474	11.8	18.2
12 7	2 18.92	+ 4 27.1	1.655	2.478	15.4	18.4
414689 2009 WS_{153}		11 5.9 255°.75 0°.7/ 6.3 17				
9 28	3 15.55	+16 42.4	2.424	3.203	13.0	20.7
10 8	3 10.24	+17 12.9	2.329	3.199	10.3	20.5
10 18	3 2.80	+17 38.5	2.257	3.195	7.1	20.3
10 28	2 53.74	+17 58.8	2.212	3.191	3.6	20.1
11 7	2 43.81	+18 14.3	2.197	3.187	0.7	19.9
11 17	2 33.93	+18 26.4	2.213	3.183	4.1	20.1
11 27	2 25.01	+18 37.2	2.258	3.179	7.6	20.3
12 7	2 17.82	+18 49.5	2.331	3.175	10.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
27787 1992 UO_{6}		11 5.9 14°.80 6°.0/ 3.2 18				
	h m	° ′			°	m
9 28	3 9.55	+ 3 40.7	1.290	2.137	18.6	17.0
10 8	3 6.68	+ 3 10.8	1.236	2.144	14.7	16.7
10 18	3 0.85	+ 2 42.7	1.200	2.152	10.5	16.5
10 28	2 52.86	+ 2 22.9	1.188	2.162	6.9	16.4
11 7	2 43.93	+ 2 17.4	1.199	2.174	6.3	16.4
11 17	2 35.44	+ 2 30.0	1.235	2.186	9.4	16.6
11 27	2 28.66	+ 3 2.4	1.294	2.200	13.3	16.8
12 7	2 24.44	+ 3 53.2	1.375	2.215	16.9	17.1
331082 2009 WZ_{103}		11 5.9 259°.41 0°.0/ 5.9 18				
9 28	3 7.87	+18 56.7	2.388	3.179	12.8	21.3
10 8	3 4.17	+18 20.0	2.298	3.177	10.1	21.1
10 18	2 58.60	+17 32.9	2.231	3.174	6.9	20.9
10 28	2 51.66	+16 37.4	2.190	3.172	3.3	20.6
11 7	2 44.07	+15 37.0	2.179	3.170	0.4	20.4
11 17	2 36.64	+14 36.4	2.197	3.167	4.2	20.7
11 27	2 30.17	+13 40.4	2.245	3.165	7.7	20.9
12 7	2 25.28	+12 53.6	2.318	3.162	10.8	21.1
337297 2000 YO		11 5.9 296°.96 3°.8/ 7.3 18				
9 28	3 20.10	+21 33.9	1.690	2.473	17.6	19.3
10 8	3 15.40	+22 44.1	1.583	2.450	14.5	19.1
10 18	3 7.35	+23 48.4	1.495	2.426	10.7	18.8
10 28	2 56.37	+24 43.0	1.432	2.403	6.5	18.5
11 7	2 43.47	+25 24.8	1.396	2.380	3.8	18.3
11 17	2 30.15	+25 52.3	1.389	2.357	6.4	18.4
11 27	2 18.11	+26 8.3	1.409	2.334	10.9	18.6
12 7	2 8.76	+26 18.2	1.453	2.311	15.2	18.8
12047 Hideomitani		11 5.9 72°.35 1°.8/ 7.1 18				
9 28	3 13.22	+21 4.6	2.172	2.952	14.3	18.4
10 8	3 8.63	+21 24.0	2.087	2.955	11.4	18.3
10 18	3 1.79	+21 34.0	2.024	2.959	8.1	18.1
10 28	2 53.26	+21 34.2	1.987	2.963	4.4	17.8
11 7	2 43.89	+21 25.7	1.978	2.967	1.8	17.7
11 17	2 34.67	+21 10.7	1.999	2.970	4.3	17.9
11 27	2 26.58	+20 53.3	2.048	2.974	7.9	18.1
12 7	2 20.40	+20 37.6	2.123	2.978	11.2	18.3
123850 2001 CV_{36}		11 5.9 159°.21 8°.9/27.9 18				
9 28	3 7.91	−10 23.9	2.376	3.175	12.6	20.0
10 8	3 4.06	−11 59.4	2.319	3.177	10.8	19.9
10 18	2 58.43	−13 26.6	2.286	3.178	9.4	19.8
10 28	2 51.55	−14 38.4	2.277	3.179	8.9	19.8
11 7	2 44.11	−15 29.1	2.295	3.181	9.4	19.8
11 17	2 36.87	−15 55.1	2.338	3.182	10.8	19.9
11 27	2 30.58	−15 55.4	2.404	3.183	12.6	20.1
12 7	2 25.81	−15 31.8	2.490	3.183	14.3	20.2
144212 2004 CS_{13}		11 5.9 250°.17 1°.8/ 7.2 18				
9 28	3 12.20	+22 11.1	2.013	2.796	15.1	20.5
10 8	3 8.11	+22 11.6	1.921	2.791	12.2	20.3
10 18	3 1.59	+21 59.9	1.850	2.786	8.6	20.1
10 28	2 53.23	+21 36.0	1.804	2.780	4.7	19.8
11 7	2 43.91	+21 1.8	1.786	2.775	1.8	19.6
11 17	2 34.71	+20 20.9	1.797	2.769	4.6	19.8
11 27	2 26.71	+19 38.8	1.836	2.764	8.6	20.0
12 7	2 20.73	+19 1.1	1.901	2.758	12.2	20.2
378658 2008 GV_{82}		11 5.9 66°.50 2°.0/ 4.9 18				
9 28	3 16.74	+12 17.2	1.400	2.222	18.7	20.5
10 8	3 12.13	+12 7.9	1.342	2.239	14.6	20.3
10 18	3 4.47	+11 52.2	1.303	2.255	9.9	20.1
10 28	2 54.58	+11 33.1	1.288	2.271	4.8	19.8
11 7	2 43.77	+11 14.8	1.299	2.288	2.2	19.7
11 17	2 33.47	+11 2.0	1.337	2.305	6.7	20.0
11 27	2 25.00	+10 58.9	1.401	2.321	11.3	20.4
12 7	2 19.23	+11 8.1	1.488	2.338	15.3	20.7
321952 2010 TP_{180}		11 5.9 159°.77 2°.8/ 7.6 16				
9 28	3 17.68	+24 20.0	1.622	2.405	18.2	21.7
10 8	3 12.96	+24 26.3	1.542	2.410	14.8	21.5
10 18	3 5.17	+24 16.5	1.482	2.414	10.7	21.2
10 28	2 55.01	+23 49.4	1.445	2.418	6.2	21.0
11 7	2 43.70	+23 6.8	1.434	2.421	2.8	20.8
11 17	2 32.68	+22 13.5	1.452	2.424	5.6	21.0
11 27	2 23.34	+21 17.2	1.497	2.426	10.0	21.2
12 7	2 16.67	+20 25.7	1.566	2.428	14.1	21.5
84567 2002 VX_{9}		11 5.9 301°.02 2°.9/ 7.9 18				
9 28	3 11.08	+25 19.7	1.873	2.654	16.2	20.0
10 8	3 7.50	+25 20.9	1.781	2.647	13.2	19.7
10 18	3 1.33	+25 6.7	1.709	2.640	9.6	19.5
10 28	2 53.15	+24 36.3	1.661	2.633	5.7	19.3
11 7	2 43.93	+23 51.3	1.640	2.626	2.9	19.1
11 17	2 34.83	+22 56.1	1.647	2.619	5.0	19.2
11 27	2 27.03	+21 57.1	1.681	2.612	9.0	19.4
12 7	2 21.41	+21 1.6	1.741	2.606	12.7	19.6

443649 2014 ON_{343} 11 5.9 1.°26 5.°7/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 9.39	+ 2 23.3	1.847	2.671	14.7	19.9
10 8	3 5.76	+ 1 38.8	1.776	2.670	11.7	19.7
10 18	2 59.88	+ 0 55.5	1.727	2.670	8.6	19.5
10 28	2 52.35	+ 0 19.0	1.703	2.670	6.1	19.4
11 7	2 44.04	− 0 5.3	1.705	2.670	6.0	19.4
11 17	2 35.96	− 0 13.4	1.735	2.671	8.4	19.5
11 27	2 29.08	− 0 2.8	1.790	2.673	11.5	19.7
12 7	2 24.12	+ 0 26.0	1.867	2.675	14.5	19.9

383598 2007 HU_{14} 11 5.9 182.°65 1.°5/ 4.9 18

9 28	3 15.15	+13 2.1	2.020	2.818	14.6	22.1
10 8	3 10.17	+12 43.7	1.935	2.819	11.4	21.9
10 18	3 2.86	+12 19.1	1.873	2.819	7.8	21.7
10 28	2 53.80	+11 50.5	1.837	2.819	3.8	21.4
11 7	2 43.88	+11 21.6	1.830	2.818	1.8	21.3
11 17	2 34.15	+10 56.1	1.852	2.817	5.4	21.5
11 27	2 25.63	+10 38.2	1.903	2.815	9.3	21.8
12 7	2 19.09	+10 30.9	1.979	2.812	12.8	22.0

148174 2000 AC_{36} 11 5.9 336.°86 4.°9/ 8.9 18

9 28	3 11.47	+28 14.5	1.360	2.156	20.5	19.8
10 8	3 8.90	+28 30.2	1.279	2.150	17.0	19.5
10 18	3 2.87	+28 24.1	1.215	2.145	12.8	19.2
10 28	2 54.08	+27 53.4	1.173	2.140	8.3	19.0
11 7	2 43.83	+26 58.9	1.154	2.135	5.0	18.8
11 17	2 33.78	+25 46.0	1.160	2.131	6.7	18.9
11 27	2 25.58	+24 25.0	1.191	2.128	11.2	19.1
12 7	2 20.38	+23 7.2	1.245	2.125	15.6	19.4

375170 2008 CV_{214} 11 5.9 231.°38 0.°0/ 5.8 18

9 28	3 13.62	+18 58.3	1.643	2.447	17.2	21.6
10 8	3 9.70	+18 29.6	1.555	2.441	13.7	21.4
10 18	3 2.93	+17 46.8	1.488	2.434	9.4	21.1
10 28	2 53.96	+16 51.5	1.445	2.427	4.6	20.8
11 7	2 43.86	+15 48.3	1.429	2.420	0.6	20.5
11 17	2 33.92	+14 43.7	1.441	2.412	5.7	20.9
11 27	2 25.45	+13 45.3	1.480	2.404	10.5	21.1
12 7	2 19.40	+12 59.5	1.542	2.396	14.7	21.4

96559 1998 SF_{129} 11 5.9 329.°35 6.°8/ 7.9 17

9 28	3 18.41	+26 37.7	1.709	2.478	17.9	18.7
10 8	3 14.36	+28 23.6	1.600	2.451	15.2	18.4
10 18	3 6.88	+30 3.6	1.511	2.424	11.9	18.1
10 28	2 56.29	+31 31.6	1.445	2.398	8.7	17.9
11 7	2 43.55	+32 41.3	1.406	2.373	6.8	17.7
11 17	2 30.16	+33 28.8	1.395	2.349	8.2	17.7
11 27	2 17.96	+33 55.4	1.409	2.326	11.6	17.9
12 7	2 8.51	+34 7.1	1.448	2.305	15.3	18.1

514033 2014 KQ_{96} 11 5.9 141.°66 2.°9/ 3.8 18

9 28	3 11.74	+ 9 20.6	2.185	2.991	13.4	22.2
10 8	3 7.20	+ 8 42.9	2.110	2.998	10.4	22.0
10 18	3 0.66	+ 8 1.3	2.058	3.005	7.1	21.8
10 28	2 52.67	+ 7 19.5	2.032	3.011	3.9	21.6
11 7	2 44.05	+ 6 41.7	2.036	3.017	3.2	21.6
11 17	2 35.65	+ 6 11.9	2.068	3.023	5.9	21.7
11 27	2 28.34	+ 5 53.6	2.129	3.028	9.2	22.0
12 7	2 22.76	+ 5 48.6	2.215	3.034	12.1	22.2

448593 2010 TU_{96} 11 5.9 40.°40 0.°7/ 5.5 18

9 28	3 11.19	+15 27.8	1.882	2.689	15.2	21.1
10 8	3 7.23	+15 15.4	1.806	2.694	11.9	20.9
10 18	3 0.92	+14 54.9	1.752	2.700	8.1	20.6
10 28	2 52.88	+14 28.4	1.723	2.706	3.8	20.4
11 7	2 44.03	+13 59.2	1.721	2.711	0.9	20.2
11 17	2 35.41	+13 31.5	1.748	2.717	5.1	20.5
11 27	2 28.05	+13 9.6	1.802	2.724	9.1	20.8
12 7	2 22.71	+12 57.2	1.881	2.730	12.7	21.0

141879 2002 PG_{48} 11 5.9 63.°59 2.°7/ 7.7 18

9 28	3 14.14	+25 15.0	1.376	2.176	20.1	19.8
10 8	3 10.46	+25 1.6	1.312	2.190	16.2	19.6
10 18	3 3.52	+24 27.6	1.267	2.204	11.6	19.3
10 28	2 54.21	+23 33.3	1.244	2.219	6.6	19.1
11 7	2 43.89	+22 22.7	1.246	2.234	2.8	18.9
11 17	2 34.10	+21 3.7	1.275	2.249	5.8	19.1
11 27	2 26.24	+19 46.0	1.330	2.264	10.5	19.5
12 7	2 21.23	+18 38.8	1.408	2.279	14.8	19.8

352866 2008 WK_{121} 11 5.9 32.°88 3.°3/ 4.2 18

9 28	3 12.60	+ 9 31.5	1.478	2.307	17.5	20.7
10 8	3 8.83	+ 9 9.5	1.414	2.315	13.7	20.5
10 18	3 2.24	+ 8 43.2	1.370	2.323	9.4	20.2
10 28	2 53.57	+ 8 16.9	1.350	2.331	5.0	20.0
11 7	2 43.96	+ 7 55.7	1.356	2.340	3.6	19.9
11 17	2 34.72	+ 7 44.2	1.388	2.350	7.3	20.2
11 27	2 27.08	+ 7 46.0	1.446	2.360	11.5	20.5
12 7	2 21.88	+ 8 2.8	1.526	2.370	15.3	20.7

239035 2006 DZ_{145} 11 5.9 50.°40 1.°5/ 6.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.30	+20 37.8	1.469	2.276	18.7	19.8
10 8	3 10.28	+20 43.2	1.408	2.293	14.9	19.6
10 18	3 3.26	+20 34.8	1.366	2.310	10.3	19.4
10 28	2 54.06	+20 13.2	1.348	2.327	5.4	19.1
11 7	2 43.91	+19 41.2	1.355	2.345	1.5	18.9
11 17	2 34.24	+19 4.0	1.390	2.363	5.5	19.2
11 27	2 26.33	+18 28.3	1.450	2.381	10.1	19.5
12 7	2 21.05	+18 0.0	1.534	2.400	14.1	19.8

102183 1999 RL_{242} 11 5.9 33.°83 5.°8/ 3.4 18

9 28	3 12.05	+ 7 1.5	1.034	1.891	21.4	18.8
10 8	3 9.17	+ 6 11.5	0.991	1.906	16.8	18.6
10 18	3 2.76	+ 5 18.7	0.966	1.923	11.6	18.4
10 28	2 53.83	+ 4 31.4	0.961	1.941	7.0	18.2
11 7	2 43.95	+ 3 58.2	0.980	1.960	6.2	18.2
11 17	2 34.77	+ 3 45.1	1.022	1.979	10.0	18.5
11 27	2 27.76	+ 3 55.2	1.086	2.000	14.5	18.8
12 7	2 23.78	+ 4 27.6	1.170	2.021	18.6	19.1

369736 2012 FS_1 11 5.9 213.°40 5.°8/30.1 18

9 28	3 8.14	− 4 57.9	3.135	3.929	10.0	22.0
10 8	3 3.85	− 6 7.1	3.054	3.920	8.3	21.9
10 18	2 58.15	− 7 13.0	2.998	3.910	6.7	21.8
10 28	2 51.43	− 8 10.8	2.970	3.901	5.9	21.7
11 7	2 44.22	− 8 56.5	2.971	3.890	6.2	21.7
11 17	2 37.10	− 9 26.8	3.000	3.879	7.6	21.8
11 27	2 30.66	− 9 40.0	3.055	3.867	9.4	21.9
12 7	2 25.37	− 9 36.0	3.134	3.855	11.1	22.0

468882 2013 TO_{74} 11 5.9 98.°58 0.°1/ 6.0 18

9 28	3 18.95	+16 18.7	1.505	2.311	18.4	21.4
10 8	3 13.89	+16 29.5	1.437	2.324	14.5	21.1
10 18	3 5.74	+16 31.3	1.390	2.336	9.9	20.9
10 28	2 55.29	+16 24.8	1.366	2.348	4.8	20.6
11 7	2 43.78	+16 12.5	1.369	2.360	0.5	20.4
11 17	2 32.67	+15 58.3	1.400	2.372	5.8	20.8
11 27	2 23.33	+15 47.2	1.458	2.383	10.6	21.1
12 7	2 16.71	+15 43.7	1.539	2.394	14.6	21.4

180044 2003 AJ_{88} 11 5.9 312.°69 5.°9/ 1.1 18

9 28	3 6.38	+ 6 18.0	1.695	2.529	15.4	19.5
10 8	3 3.85	+ 4 44.3	1.606	2.509	12.2	19.3
10 18	2 58.89	+ 3 2.9	1.539	2.489	8.8	19.0
10 28	2 52.02	+ 1 21.7	1.498	2.469	6.3	18.8
11 7	2 44.15	− 0 10.2	1.483	2.449	6.6	18.8
11 17	2 36.33	− 1 24.1	1.495	2.430	9.6	18.9
11 27	2 29.69	− 2 13.6	1.531	2.412	13.3	19.1
12 7	2 25.08	− 2 36.0	1.589	2.394	16.7	19.3

367858 2011 CK_{48} 11 5.9 306.°90 3.°7/ 3.3 18

9 28	3 10.44	+ 5 22.1	2.264	3.074	12.8	20.4
10 8	3 6.21	+ 4 57.0	2.182	3.071	10.1	20.2
10 18	3 0.03	+ 4 31.3	2.124	3.068	7.1	20.0
10 28	2 52.41	+ 4 8.7	2.092	3.066	4.4	19.8
11 7	2 44.11	+ 3 53.0	2.088	3.063	4.0	19.8
11 17	2 35.96	+ 3 47.2	2.113	3.060	6.4	19.9
11 27	2 28.78	+ 3 53.5	2.166	3.058	9.4	20.1
12 7	2 23.24	+ 4 12.9	2.243	3.055	12.2	20.3

509947 2009 RY_{74} 11 5.9 50.°55 4.°9/ 8.1 18

9 28	3 22.53	+24 14.1	1.197	1.997	22.5	20.8
10 8	3 17.44	+25 20.8	1.150	2.025	18.2	20.6
10 18	3 8.47	+26 10.5	1.120	2.053	13.3	20.4
10 28	2 56.64	+26 38.8	1.112	2.081	8.2	20.2
11 7	2 43.65	+26 44.7	1.128	2.110	4.9	20.1
11 17	2 31.43	+26 31.8	1.170	2.139	7.1	20.3
11 27	2 21.70	+26 8.1	1.236	2.168	11.4	20.6
12 7	2 15.45	+25 42.7	1.326	2.198	15.4	21.0

304149 2006 KM_{143} 11 5.9 11.°74 5.°8/ 4.4 18

9 28	3 12.64	+ 2 3.9	1.089	1.943	20.8	18.2
10 8	3 9.66	+ 2 20.9	1.038	1.950	16.6	17.9
10 18	3 3.18	+ 2 45.1	1.005	1.959	11.8	17.7
10 28	2 54.12	+ 3 21.3	0.993	1.970	7.3	17.5
11 7	2 43.93	+ 4 12.4	1.004	1.984	6.0	17.5
11 17	2 34.28	+ 5 18.9	1.039	1.999	9.4	17.7
11 27	2 26.70	+ 6 39.2	1.098	2.017	13.8	18.0
12 7	2 22.15	+ 8 10.2	1.177	2.036	17.9	18.3

271359 2003 XW_9 11 5.9 313.°22 7.°6/11.9 17

9 28	3 13.87	+38 35.2	2.331	3.028	15.6	20.0
10 8	3 9.74	+39 32.0	2.232	3.019	13.6	19.8
10 18	3 2.96	+40 12.1	2.151	3.010	11.4	19.7
10 28	2 54.05	+40 31.1	2.094	3.001	9.3	19.5
11 7	2 43.94	+40 26.4	2.061	2.992	7.8	19.4
11 17	2 33.80	+39 58.5	2.054	2.984	7.8	19.4
11 27	2 24.86	+39 11.3	2.075	2.975	9.3	19.5
12 7	2 18.11	+38 12.0	2.120	2.967	11.5	19.6

191633 2004 OB_{12} 11 5.9 92°.94 2°.6/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.71	+23 32.1	1.705	2.486	17.5	20.9
10 8	3 12.64	+23 45.7	1.638	2.504	14.1	20.7
10 18	3 4.73	+23 45.0	1.590	2.523	10.1	20.5
10 28	2 54.76	+23 29.3	1.567	2.541	5.8	20.3
11 7	2 43.89	+23 0.2	1.572	2.558	2.7	20.1
11 17	2 33.44	+22 21.9	1.604	2.576	5.2	20.3
11 27	2 24.65	+21 40.9	1.664	2.593	9.2	20.6
12 7	2 18.36	+21 3.6	1.750	2.609	12.9	20.9

219921 2002 GX_{65} 11 5.9 308°.52 2°.6/ 3.7 18

9 28	3 7.67	+12 0.4	2.073	2.887	13.7	20.2
10 8	3 4.30	+11 3.3	1.987	2.881	10.7	20.0
10 18	2 58.87	+ 9 58.3	1.924	2.875	7.3	19.7
10 28	2 51.91	+ 8 49.8	1.888	2.869	3.8	19.5
11 7	2 44.22	+ 7 43.2	1.880	2.863	3.0	19.5
11 17	2 36.67	+ 6 44.2	1.900	2.858	6.1	19.6
11 27	2 30.17	+ 5 58.0	1.949	2.853	9.6	19.9
12 7	2 25.40	+ 5 27.7	2.021	2.847	12.8	20.1

436612 2011 KH_{32} 11 5.9 100°.48 4°.2/ 3.8 18

9 28	3 17.68	+ 5 11.8	1.795	2.603	15.7	21.8
10 8	3 12.15	+ 4 54.0	1.732	2.619	12.4	21.6
10 18	3 4.16	+ 4 36.5	1.691	2.635	8.6	21.4
10 28	2 54.41	+ 4 23.5	1.676	2.651	5.2	21.3
11 7	2 43.94	+ 4 18.8	1.689	2.666	4.4	21.3
11 17	2 33.87	+ 4 25.4	1.730	2.681	7.2	21.5
11 27	2 25.26	+ 4 45.1	1.799	2.695	10.7	21.7
12 7	2 18.84	+ 5 18.0	1.892	2.710	13.9	21.9

515790 2015 LK_{20} 11 5.9 96°.87 1°.8/ 7.4 18

9 28	3 11.82	+25 20.1	1.863	2.643	16.3	20.9
10 8	3 7.82	+24 38.6	1.785	2.653	13.1	20.7
10 18	3 1.34	+23 39.0	1.728	2.662	9.3	20.5
10 28	2 53.09	+22 22.6	1.696	2.671	5.1	20.3
11 7	2 44.09	+20 54.0	1.692	2.680	1.8	20.1
11 17	2 35.45	+19 20.1	1.716	2.689	4.7	20.3
11 27	2 28.22	+17 49.3	1.770	2.698	8.8	20.6
12 7	2 23.13	+16 28.9	1.849	2.707	12.4	20.8

109786 2001 RB_{89} 11 5.9 215°.42 1°.8/ 4.7 18

9 28	3 14.18	+13 16.2	1.926	2.730	15.0	19.8
10 8	3 9.64	+12 45.9	1.837	2.724	11.8	19.6
10 18	3 2.65	+12 7.7	1.769	2.717	8.0	19.4
10 28	2 53.80	+11 24.7	1.727	2.709	4.0	19.1
11 7	2 44.00	+10 41.1	1.714	2.702	2.1	19.0
11 17	2 34.33	+10 1.9	1.729	2.693	5.8	19.2
11 27	2 25.88	+ 9 32.1	1.773	2.684	9.9	19.4
12 7	2 19.47	+ 9 15.1	1.841	2.675	13.6	19.6

276764 2004 GN_{42} 11 5.9 171°.88 2°.0/ 4.6 18

9 28	3 13.82	+13 39.4	1.798	2.606	15.7	21.5
10 8	3 9.40	+12 58.0	1.719	2.609	12.3	21.3
10 18	3 2.48	+12 7.7	1.662	2.611	8.4	21.1
10 28	2 53.69	+11 12.1	1.630	2.612	4.1	20.8
11 7	2 44.03	+10 16.5	1.626	2.613	2.3	20.7
11 17	2 34.61	+ 9 26.6	1.650	2.614	6.1	21.0
11 27	2 26.55	+ 8 48.1	1.703	2.614	10.3	21.2
12 7	2 20.63	+ 8 24.5	1.779	2.614	13.9	21.4

317211 2002 CT_{36} 11 5.9 313°.98 5°.0/ 8.8 17

9 28	3 11.16	+28 2.6	1.782	2.557	17.1	21.2
10 8	3 8.19	+28 38.2	1.672	2.528	14.4	20.9
10 18	3 2.28	+28 59.2	1.580	2.500	11.0	20.7
10 28	2 53.90	+29 2.1	1.511	2.472	7.5	20.4
11 7	2 43.97	+28 45.5	1.467	2.444	5.1	20.2
11 17	2 33.81	+28 10.9	1.450	2.417	6.4	20.2
11 27	2 24.87	+27 23.8	1.460	2.390	10.1	20.4
12 7	2 18.35	+26 32.5	1.493	2.364	14.1	20.5

285898 2001 QV_{64} 11 5.9 40°.09 10°.7/12.5 18

9 28	3 22.51	+39 5.3	1.630	2.344	20.7	19.7
10 8	3 17.67	+40 59.2	1.568	2.362	18.1	19.6
10 18	3 8.96	+42 31.5	1.524	2.381	15.3	19.4
10 28	2 57.11	+43 33.7	1.500	2.400	12.7	19.3
11 7	2 43.62	+44 0.4	1.499	2.420	11.0	19.3
11 17	2 30.37	+43 51.3	1.523	2.441	10.9	19.3
11 27	2 19.28	+43 13.3	1.570	2.462	12.3	19.5
12 7	2 11.60	+42 17.4	1.641	2.483	14.5	19.7

224143 2005 QU_{44} 11 5.9 69°.24 0°.5/ 6.2 18

9 28	3 16.46	+18 13.7	1.439	2.250	18.9	20.5
10 8	3 12.01	+18 13.8	1.378	2.266	14.9	20.3
10 18	3 4.47	+18 2.1	1.336	2.283	10.2	20.1
10 28	2 54.69	+17 39.6	1.318	2.299	5.0	19.8
11 7	2 43.94	+17 9.7	1.325	2.316	0.7	19.6
11 17	2 33.68	+16 37.6	1.360	2.333	5.7	20.0
11 27	2 25.25	+16 9.4	1.421	2.350	10.5	20.3
12 7	2 19.52	+15 50.5	1.506	2.366	14.6	20.6

426535 2013 RT_{70} 11 5.9 35°.23 2°.4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.34	+19 3.8	1.112	1.940	22.2	20.2
10 8	3 13.69	+19 49.9	1.057	1.953	17.7	20.0
10 18	3 6.16	+20 23.8	1.018	1.966	12.4	19.7
10 28	2 55.67	+20 43.7	1.001	1.981	6.6	19.5
11 7	2 43.82	+20 49.9	1.007	1.996	2.4	19.3
11 17	2 32.51	+20 46.0	1.038	2.012	6.6	19.6
11 27	2 23.51	+20 38.6	1.093	2.029	12.0	20.0
12 7	2 17.92	+20 34.4	1.169	2.046	16.6	20.3

269413 2009 SK_{20} 11 5.9 92°.36 0°.2/ 6.1 16

9 28	3 16.88	+18 56.6	1.565	2.366	18.0	21.6
10 8	3 12.01	+18 36.5	1.503	2.387	14.2	21.4
10 18	3 4.29	+18 3.5	1.462	2.407	9.7	21.2
10 28	2 54.54	+17 19.6	1.445	2.426	4.7	20.9
11 7	2 43.97	+16 29.1	1.455	2.446	0.5	20.7
11 17	2 33.91	+15 38.0	1.493	2.464	5.5	21.1
11 27	2 25.59	+14 53.1	1.558	2.483	10.0	21.4
12 7	2 19.80	+14 19.6	1.647	2.501	13.9	21.7

91631 1999 TF_{65} 11 5.9 136°.84 0°.5/ 6.4 18

9 28	3 11.19	+19 11.4	2.376	3.159	13.1	20.2
10 8	3 6.78	+18 58.9	2.292	3.166	10.3	20.1
10 18	3 0.41	+18 37.2	2.232	3.172	7.1	19.9
10 28	2 52.62	+18 7.6	2.197	3.177	3.6	19.7
11 7	2 44.18	+17 32.4	2.192	3.183	0.5	19.4
11 17	2 35.93	+16 55.2	2.217	3.188	4.0	19.7
11 27	2 28.69	+16 20.1	2.271	3.193	7.5	19.9
12 7	2 23.12	+15 51.1	2.351	3.198	10.5	20.1

318338 2004 TY_{215} 11 5.9 91°.17 2°.2/ 4.0 18

9 28	3 8.89	+12 30.1	2.218	3.025	13.2	20.9
10 8	3 4.98	+11 37.2	2.145	3.035	10.2	20.7
10 18	2 59.16	+10 37.6	2.096	3.045	6.9	20.5
10 28	2 52.00	+ 9 35.2	2.073	3.054	3.5	20.3
11 7	2 44.26	+ 8 34.7	2.079	3.064	2.5	20.3
11 17	2 36.76	+ 7 41.2	2.115	3.073	5.4	20.5
11 27	2 30.32	+ 6 59.0	2.178	3.083	8.7	20.7
12 7	2 25.51	+ 6 30.6	2.267	3.092	11.7	20.9

351372 2005 EU_{11} 11 5.9 275°.21 3°.3/ 3.7 18

9 28	3 11.67	+ 9 37.5	1.920	2.733	14.7	21.5
10 8	3 7.82	+ 8 55.2	1.819	2.711	11.6	21.3
10 18	3 1.54	+ 8 6.7	1.740	2.689	8.0	21.0
10 28	2 53.35	+ 7 16.0	1.687	2.666	4.5	20.8
11 7	2 44.08	+ 6 28.4	1.661	2.643	3.7	20.7
11 17	2 34.79	+ 5 49.4	1.664	2.620	7.0	20.8
11 27	2 26.58	+ 5 24.1	1.694	2.596	10.9	21.0
12 7	2 20.34	+ 5 15.5	1.748	2.572	14.6	21.2

458538 2011 DQ_{49} 11 5.9 274°.54 8°.9/26.5 17

9 28	3 6.79	− 9 7.8	2.414	3.217	12.4	21.3
10 8	3 3.33	−11 6.7	2.343	3.204	10.6	21.1
10 18	2 58.08	−13 0.3	2.297	3.192	9.3	21.0
10 28	2 51.52	−14 40.5	2.278	3.179	8.9	21.0
11 7	2 44.31	−16 0.4	2.285	3.167	9.6	21.0
11 17	2 37.20	−16 55.0	2.317	3.154	11.2	21.1
11 27	2 30.94	−17 22.1	2.372	3.142	13.0	21.2
12 7	2 26.15	−17 22.7	2.447	3.129	14.8	21.3

191510 2003 UK_{85} 11 5.9 269°.50 1°.0/ 5.1 17

9 28	3 8.77	+14 30.1	2.483	3.280	12.2	20.7
10 8	3 4.91	+14 5.0	2.383	3.266	9.6	20.5
10 18	2 59.19	+13 33.1	2.306	3.253	6.5	20.3
10 28	2 52.08	+12 56.5	2.257	3.239	3.1	20.0
11 7	2 44.25	+12 18.2	2.236	3.225	1.3	19.9
11 17	2 36.47	+11 42.0	2.245	3.211	4.5	20.1
11 27	2 29.54	+11 11.7	2.284	3.197	7.9	20.3
12 7	2 24.12	+10 50.4	2.348	3.183	11.0	20.5

485288 2011 AK 11 5.9 333°.72 6°.3/ 1.2 18

9 28	3 9.23	− 0 57.9	2.128	2.943	13.4	20.8
10 8	3 5.37	− 1 50.8	2.055	2.940	10.8	20.6
10 18	2 59.52	− 2 40.8	2.004	2.937	8.3	20.4
10 28	2 52.22	− 3 22.0	1.980	2.935	6.5	20.3
11 7	2 44.24	− 3 49.4	1.982	2.932	6.7	20.3
11 17	2 36.44	− 3 59.2	2.012	2.930	8.6	20.4
11 27	2 29.67	− 3 49.6	2.067	2.928	11.2	20.6
12 7	2 24.58	− 3 21.0	2.145	2.926	13.8	20.8

258797 2002 LQ_{5} 11 5.9 73°.67 4°.9/ 2.5 18

9 28	3 11.13	+ 2 0.3	2.204	3.014	13.1	20.2
10 8	3 6.67	+ 1 26.0	2.137	3.023	10.4	20.0
10 18	3 0.29	+ 0 53.5	2.093	3.032	7.6	19.9
10 28	2 52.55	+ 0 27.4	2.076	3.042	5.3	19.7
11 7	2 44.22	+ 0 11.5	2.087	3.051	5.2	19.7
11 17	2 36.14	+ 0 8.9	2.126	3.061	7.2	19.9
11 27	2 29.13	+ 0 21.3	2.192	3.070	10.0	20.1
12 7	2 23.79	+ 0 48.4	2.282	3.079	12.5	20.3

77252 2001 FZ_{45} 11 5.9 167°.13 2°.9/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 11.02	+10 54.6	2.214	3.019	13.3	19.7
10 8	3 6.68	+ 9 52.9	2.134	3.023	10.3	19.5
10 18	3 0.35	+ 8 44.7	2.078	3.026	7.0	19.3
10 28	2 52.61	+ 7 34.5	2.050	3.029	3.9	19.1
11 7	2 44.21	+ 6 27.6	2.050	3.031	3.2	19.1
11 17	2 36.04	+ 5 29.2	2.080	3.033	6.0	19.3
11 27	2 28.92	+ 4 44.0	2.139	3.035	9.3	19.5
12 7	2 23.50	+ 4 14.6	2.222	3.036	12.3	19.7

220186 2002 UH_{71} 11 5.9 38°.80 1°.8/ 6.9 18

9 28	3 14.13	+21 20.0	1.064	1.896	22.7	19.9
10 8	3 10.97	+21 21.2	1.020	1.919	18.0	19.7
10 18	3 4.09	+21 3.8	0.993	1.943	12.5	19.5
10 28	2 54.55	+20 28.9	0.987	1.967	6.5	19.2
11 7	2 44.01	+19 41.5	1.003	1.993	1.8	19.0
11 17	2 34.27	+18 49.3	1.045	2.020	6.4	19.4
11 27	2 26.88	+18 1.8	1.110	2.047	11.7	19.8
12 7	2 22.72	+17 26.1	1.196	2.075	16.2	20.1

448716 2011 AN_{65} 11 5.9 286°.67 7°.7/30.4 17

9 28	3 9.07	− 6 3.7	2.264	3.071	12.9	21.5
10 8	3 5.21	− 7 9.0	2.184	3.057	10.8	21.3
10 18	2 59.42	− 8 8.9	2.128	3.043	8.9	21.2
10 28	2 52.20	− 8 56.9	2.097	3.030	7.8	21.1
11 7	2 44.26	− 9 27.5	2.093	3.016	8.2	21.1
11 17	2 36.43	− 9 36.8	2.114	3.002	9.9	21.2
11 27	2 29.54	− 9 23.2	2.161	2.989	12.1	21.3
12 7	2 24.24	− 8 47.8	2.229	2.975	14.4	21.4

54666 2000 WJ_{6} 11 5.9 41°.98 1°.4/ 6.8 18

9 28	3 12.70	+22 26.2	1.053	1.886	22.8	17.9
10 8	3 9.92	+22 0.2	1.006	1.905	18.1	17.7
10 18	3 3.41	+21 12.4	0.976	1.926	12.6	17.4
10 28	2 54.23	+20 5.3	0.966	1.948	6.4	17.2
11 7	2 44.05	+18 46.1	0.980	1.970	1.4	16.9
11 17	2 34.65	+17 25.1	1.018	1.993	6.5	17.3
11 27	2 27.57	+16 13.5	1.080	2.017	12.0	17.7
12 7	2 23.69	+15 19.1	1.163	2.041	16.7	18.1

367268 2007 TN_{93} 11 5.9 341°.22 1°.1/ 5.5 18

9 28	3 13.64	+14 14.5	1.184	2.022	20.5	20.5
10 8	3 10.74	+14 15.4	1.111	2.016	16.3	20.2
10 18	3 4.24	+14 7.3	1.056	2.011	11.2	19.9
10 28	2 54.86	+13 52.1	1.023	2.007	5.4	19.6
11 7	2 43.95	+13 34.0	1.013	2.003	1.5	19.3
11 17	2 33.24	+13 18.3	1.028	2.000	7.2	19.7
11 27	2 24.45	+13 11.0	1.067	1.998	12.9	20.0
12 7	2 18.78	+13 16.8	1.126	1.996	17.8	20.3

145065 2005 GX_{23} 11 5.9 109°.67 3°.7/ 8.3 16

9 28	3 19.65	+26 17.2	1.624	2.396	18.6	20.9
10 8	3 14.43	+26 34.6	1.555	2.414	15.2	20.7
10 18	3 6.12	+26 35.0	1.505	2.430	11.1	20.5
10 28	2 55.51	+26 16.5	1.479	2.446	6.8	20.3
11 7	2 43.90	+25 40.2	1.479	2.462	3.8	20.2
11 17	2 32.73	+24 50.9	1.508	2.477	5.7	20.3
11 27	2 23.37	+23 56.0	1.563	2.492	9.7	20.6
12 7	2 16.75	+23 3.8	1.644	2.506	13.5	20.9

73089 2002 GT_{18} 11 5.9 113°.44 0°.9/ 5.4 18

9 28	3 14.60	+17 38.3	1.515	2.326	18.0	19.8
10 8	3 10.43	+16 52.5	1.446	2.336	14.2	19.5
10 18	3 3.36	+15 52.6	1.397	2.346	9.6	19.3
10 28	2 54.17	+14 42.3	1.373	2.356	4.6	19.0
11 7	2 44.06	+13 27.8	1.375	2.365	1.3	18.8
11 17	2 34.38	+12 16.9	1.405	2.374	6.2	19.2
11 27	2 26.37	+11 17.2	1.462	2.383	10.9	19.5
12 7	2 20.88	+10 34.3	1.542	2.391	14.9	19.8

385553 2004 TS_{32} 11 5.9 351°.12 3°.9/ 8.4 15

9 28	3 9.11	+25 39.4	2.100	2.875	14.8	20.4
10 8	3 5.84	+26 24.4	2.006	2.865	12.2	20.2
10 18	3 0.21	+26 58.5	1.933	2.856	9.2	20.0
10 28	2 52.72	+27 19.7	1.884	2.848	6.0	19.8
11 7	2 44.21	+27 27.5	1.863	2.841	3.9	19.7
11 17	2 35.69	+27 23.1	1.869	2.835	5.2	19.8
11 27	2 28.25	+27 10.1	1.902	2.830	8.3	19.9
12 7	2 22.74	+26 53.5	1.960	2.826	11.5	20.1

151575 2002 TD_{239} 11 5.9 352°.51 2°.0/ 7.0 18

9 28	3 2.52	+21 37.2	0.976	1.831	22.5	19.0
10 8	3 2.68	+21 40.0	0.907	1.820	18.2	18.7
10 18	2 59.11	+21 21.6	0.855	1.811	13.0	18.4
10 28	2 52.49	+20 42.1	0.822	1.804	7.0	18.1
11 7	2 44.24	+19 45.9	0.809	1.800	2.0	17.8
11 17	2 36.19	+18 41.5	0.819	1.797	6.9	18.1
11 27	2 30.20	+17 40.7	0.850	1.796	13.0	18.4
12 7	2 27.50	+16 53.5	0.900	1.798	18.4	18.7

176653 2002 NM_{59} 11 5.9 128°.11 4°.3/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 17.26	+28 25.8	1.654	2.422	18.5	20.4
10 8	3 12.69	+28 38.1	1.577	2.431	15.2	20.2
10 18	3 5.03	+28 31.4	1.519	2.440	11.4	19.9
10 28	2 55.05	+28 3.7	1.484	2.448	7.3	19.7
11 7	2 43.97	+27 16.0	1.475	2.455	4.4	19.6
11 17	2 33.24	+26 13.1	1.494	2.463	5.9	19.7
11 27	2 24.23	+25 3.2	1.540	2.470	9.7	19.9
12 7	2 17.90	+23 55.4	1.611	2.476	13.5	20.2

313131 2001 BT_{6} 11 5.9 182°.45 7°.2/13.4 17

9 28	3 15.47	+42 12.9	2.711	3.371	14.3	20.8
10 8	3 10.55	+42 47.2	2.615	3.371	12.6	20.7
10 18	3 3.24	+43 3.6	2.538	3.371	10.7	20.5
10 28	2 54.11	+42 58.5	2.483	3.371	8.8	20.4
11 7	2 44.08	+42 30.5	2.453	3.370	7.5	20.3
11 17	2 34.18	+41 40.6	2.451	3.370	7.3	20.3
11 27	2 25.50	+40 33.4	2.476	3.368	8.4	20.4
12 7	2 18.82	+39 15.6	2.528	3.367	10.2	20.5

279989 2001 UH_{37} 11 5.9 57°.92 7°.7/31.9 18

9 28	3 11.97	+ 3 56.3	1.332	2.173	18.5	19.5
10 8	3 8.25	+ 2 0.2	1.293	2.196	14.5	19.3
10 18	3 1.71	+ 0 3.9	1.274	2.220	10.6	19.1
10 28	2 53.28	− 1 41.4	1.279	2.244	8.0	19.1
11 7	2 44.20	− 3 5.5	1.310	2.268	8.3	19.1
11 17	2 35.77	− 4 1.1	1.365	2.293	11.1	19.4
11 27	2 29.09	− 4 25.5	1.444	2.317	14.4	19.6
12 7	2 24.87	− 4 20.5	1.543	2.341	17.5	19.9

85938 1999 DJ_{4} 11 5.9 195°.72 2°.2/ 7.3 17

9 28	3 27.07	+23 4.2	1.997	2.748	16.3	23.2
10 8	3 19.99	+23 13.2	1.896	2.745	13.2	23.0
10 18	3 9.91	+23 9.4	1.815	2.740	9.5	22.7
10 28	2 57.45	+22 51.1	1.762	2.734	5.4	22.5
11 7	2 43.71	+22 18.9	1.738	2.725	2.2	22.2
11 17	2 30.04	+21 36.0	1.745	2.715	5.1	22.4
11 27	2 17.84	+20 48.7	1.783	2.702	9.4	22.6
12 7	2 8.13	+20 4.0	1.849	2.688	13.3	22.9

83577 2001 SD_{230} 11 5.9 196°.28 2°.8/ 7.9 18

9 28	3 15.92	+24 23.6	2.418	3.174	13.6	20.2
10 8	3 10.71	+24 50.6	2.322	3.172	11.1	20.0
10 18	3 3.28	+25 7.5	2.248	3.170	8.1	19.8
10 28	2 54.13	+25 12.8	2.200	3.167	5.0	19.6
11 7	2 44.08	+25 6.9	2.181	3.163	2.8	19.5
11 17	2 34.09	+24 51.3	2.192	3.160	4.4	19.6
11 27	2 25.14	+24 29.8	2.232	3.155	7.5	19.8
12 7	2 18.01	+24 6.9	2.300	3.151	10.6	20.0

174779 2003 WV_{82} 11 5.9 335°.21 5°.4/ 9.9 18

9 28	3 9.16	+31 47.0	1.551	2.326	19.3	19.5
10 8	3 6.79	+31 46.4	1.463	2.317	16.2	19.2
10 18	3 1.30	+31 21.6	1.392	2.309	12.5	19.0
10 28	2 53.37	+30 29.7	1.342	2.301	8.5	18.7
11 7	2 44.17	+29 12.1	1.317	2.294	5.6	18.6
11 17	2 35.17	+27 34.6	1.318	2.287	6.5	18.6
11 27	2 27.81	+25 47.6	1.346	2.281	10.2	18.8
12 7	2 23.13	+24 3.0	1.397	2.276	14.3	19.0

84782 2002 XE_{73} 11 5.9 88°.67 1°.8/ 7.0 18

9 28	3 17.36	+21 24.1	1.571	2.365	18.2	19.4
10 8	3 12.59	+21 30.0	1.505	2.382	14.6	19.2
10 18	3 4.84	+21 22.1	1.459	2.398	10.2	19.0
10 28	2 54.91	+21 0.4	1.436	2.414	5.5	18.7
11 7	2 44.03	+20 27.6	1.441	2.430	1.8	18.5
11 17	2 33.59	+19 48.2	1.473	2.446	5.3	18.8
11 27	2 24.89	+19 9.1	1.532	2.461	9.8	19.1
12 7	2 18.80	+18 36.4	1.615	2.476	13.7	19.4

431708 2008 EO_{88} 11 5.9 276°.54 4°.3/ 3.2 18

9 28	3 11.61	+10 6.3	1.476	2.307	17.5	21.4
10 8	3 8.38	+ 9 2.0	1.393	2.295	13.8	21.1
10 18	3 2.23	+ 7 48.2	1.330	2.283	9.6	20.8
10 28	2 53.79	+ 6 31.2	1.291	2.271	5.5	20.6
11 7	2 44.14	+ 5 19.1	1.278	2.258	4.8	20.5
11 17	2 34.62	+ 4 20.2	1.291	2.246	8.6	20.7
11 27	2 26.58	+ 3 41.6	1.329	2.234	13.1	20.9
12 7	2 21.01	+ 3 26.4	1.389	2.222	17.2	21.2

394452 2007 RH_{115} 11 5.9 322°.17 4°.7/ 2.2 18

9 28	3 7.40	+10 10.2	1.609	2.442	16.2	20.8
10 8	3 4.73	+ 8 35.6	1.529	2.433	12.7	20.6
10 18	2 59.52	+ 6 50.4	1.471	2.424	8.8	20.4
10 28	2 52.38	+ 5 2.0	1.438	2.416	5.4	20.1
11 7	2 44.31	+ 3 19.9	1.432	2.408	5.3	20.1
11 17	2 36.42	+ 1 53.3	1.453	2.401	8.7	20.3
11 27	2 29.85	+ 0 49.5	1.500	2.394	12.7	20.5
12 7	2 25.41	+ 0 11.9	1.568	2.387	16.3	20.7

262260 2006 SW_{329} 11 5.9 80°.73 0°.4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 13.27	+17 42.3	1.947	2.743	15.1	21.1
10 8	3 8.91	+17 44.2	1.867	2.747	12.0	20.9
10 18	3 2.15	+17 37.4	1.807	2.750	8.3	20.7
10 28	2 53.60	+17 22.6	1.773	2.754	4.1	20.4
11 7	2 44.18	+17 2.2	1.767	2.758	0.5	20.1
11 17	2 34.95	+16 39.6	1.790	2.762	4.7	20.5
11 27	2 26.97	+16 19.1	1.841	2.765	8.8	20.7
12 7	2 21.03	+16 5.0	1.917	2.769	12.3	21.0

449306 2013 EV_{123} 11 5.9 246°.79 0°.5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.44	+15 38.9	2.208	3.002	13.6	22.1
10 8	3 8.07	+15 29.4	2.110	2.991	10.8	21.9
10 18	3 1.53	+15 12.6	2.035	2.980	7.4	21.6
10 28	2 53.31	+14 49.9	1.987	2.969	3.6	21.4
11 7	2 44.21	+14 23.9	1.967	2.957	0.7	21.2
11 17	2 35.17	+13 58.1	1.977	2.946	4.7	21.4
11 27	2 27.13	+13 36.5	2.015	2.934	8.5	21.6
12 7	2 20.88	+13 22.5	2.079	2.921	11.9	21.8

513496 2009 HM_{57} 11 5.9 158°.16 0°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.93	+17 21.2	2.689	3.460	12.1	22.5
10 8	3 10.23	+17 29.8	2.602	3.468	9.5	22.3
10 18	3 2.67	+17 32.0	2.538	3.475	6.5	22.1
10 28	2 53.75	+17 28.5	2.503	3.482	3.2	21.9
11 7	2 44.18	+17 20.5	2.497	3.488	0.5	21.7
11 17	2 34.76	+17 10.1	2.524	3.494	3.7	22.0
11 27	2 26.28	+17 0.1	2.581	3.499	6.9	22.2
12 7	2 19.37	+16 53.4	2.665	3.503	9.7	22.4

275148 2009 VV_{85} 11 6.0 18°.16 0°.4/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.38	+17 8.3	2.013	2.818	14.4	20.7
10 8	3 4.96	+16 43.3	1.934	2.821	11.3	20.5
10 18	2 59.39	+16 8.6	1.877	2.825	7.7	20.3
10 28	2 52.24	+15 26.5	1.846	2.828	3.7	20.0
11 7	2 44.36	+14 40.8	1.842	2.833	0.7	19.8
11 17	2 36.68	+13 56.1	1.867	2.838	4.7	20.1
11 27	2 30.14	+13 17.3	1.920	2.843	8.6	20.4
12 7	2 25.42	+12 48.4	1.998	2.848	12.0	20.6

511680 2015 BK_{449} 11 6.0 318°.93 0°.9/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.77	+14 46.8	1.319	2.145	19.4	21.5
10 8	3 11.32	+14 44.5	1.241	2.140	15.4	21.3
10 18	3 4.49	+14 32.8	1.182	2.135	10.6	21.0
10 28	2 54.97	+14 13.8	1.146	2.130	5.1	20.7
11 7	2 44.04	+13 51.1	1.135	2.125	1.3	20.4
11 17	2 33.28	+13 30.0	1.150	2.121	6.8	20.7
11 27	2 24.28	+13 16.5	1.189	2.117	12.1	21.0
12 7	2 18.19	+13 15.3	1.250	2.113	16.8	21.3

410639 2008 RZ_{74} 11 6.0 143°.01 5°.6/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.91	+35 2.0	2.666	3.371	13.7	21.6
10 8	3 9.93	+35 42.3	2.576	3.376	11.7	21.4
10 18	3 2.74	+36 8.2	2.506	3.381	9.4	21.3
10 28	2 53.88	+36 17.0	2.460	3.385	7.2	21.1
11 7	2 44.17	+36 7.6	2.441	3.390	5.7	21.0
11 17	2 34.56	+35 41.2	2.451	3.394	5.9	21.1
11 27	2 26.02	+35 1.8	2.490	3.399	7.6	21.2
12 7	2 19.31	+34 14.9	2.555	3.402	9.8	21.3

167517 2003 YH_{139} 11 6.0 7°.44 8°.1/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 13.42	+34 49.7	1.559	2.313	20.0	19.3
10 8	3 10.36	+35 47.5	1.481	2.313	17.2	19.1
10 18	3 3.90	+36 23.9	1.420	2.314	13.9	18.9
10 28	2 54.71	+36 33.2	1.380	2.316	10.6	18.7
11 7	2 44.08	+36 13.0	1.363	2.319	8.4	18.6
11 17	2 33.64	+35 25.4	1.370	2.322	8.6	18.6
11 27	2 25.01	+34 18.2	1.403	2.326	11.1	18.8
12 7	2 19.34	+33 2.3	1.459	2.331	14.3	19.0

9656 1996 DK_1 11 6.0 286°.64 3°.8/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.00	+ 9 51.3	1.553	2.379	16.9	18.0
10 8	3 8.69	+ 9 6.6	1.461	2.360	13.4	17.8
10 18	3 2.49	+ 8 14.2	1.389	2.341	9.3	17.5
10 28	2 53.98	+ 7 19.1	1.341	2.322	5.2	17.2
11 7	2 44.17	+ 6 27.8	1.320	2.302	4.2	17.1
11 17	2 34.35	+ 5 47.3	1.325	2.283	8.1	17.3
11 27	2 25.89	+ 5 23.6	1.355	2.263	12.6	17.5
12 7	2 19.82	+ 5 20.0	1.407	2.244	16.8	17.7

20587 Jargoldman 11 6.0 12°.73 0°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.49	+18 49.8	1.840	2.644	15.6	18.5
10 8	3 6.10	+18 36.3	1.761	2.646	12.3	18.3
10 18	3 0.32	+18 11.7	1.703	2.649	8.5	18.1
10 28	2 52.75	+17 37.4	1.670	2.651	4.2	17.8
11 7	2 44.32	+16 56.9	1.664	2.655	0.5	17.5
11 17	2 36.11	+16 14.8	1.686	2.658	4.8	17.9
11 27	2 29.15	+15 36.5	1.735	2.663	9.0	18.1
12 7	2 24.24	+15 6.9	1.809	2.667	12.6	18.4

48728 1997 AM_{20} 11 6.0 105°.30 3°.3/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 14.54	+10 57.1	1.551	2.371	17.3	19.2
10 8	3 10.24	+10 10.0	1.485	2.381	13.5	19.0
10 18	3 3.18	+ 9 15.9	1.440	2.391	9.2	18.8
10 28	2 54.12	+ 8 19.9	1.420	2.401	4.9	18.6
11 7	2 44.18	+ 7 28.2	1.427	2.411	3.6	18.5
11 17	2 34.63	+ 6 47.2	1.461	2.420	7.3	18.8
11 27	2 26.66	+ 6 21.9	1.521	2.429	11.5	19.0
12 7	2 21.10	+ 6 14.5	1.604	2.438	15.2	19.3

96592 1998 XC_1 11 6.0 10°.97 1°.0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.40	+14 23.1	1.910	2.722	14.8	19.0
10 8	3 5.88	+14 9.2	1.833	2.724	11.6	18.8
10 18	3 0.09	+13 48.1	1.777	2.726	7.9	18.6
10 28	2 52.61	+13 22.2	1.746	2.729	3.8	18.3
11 7	2 44.34	+12 54.8	1.743	2.732	1.3	18.2
11 17	2 36.26	+12 30.0	1.768	2.736	5.2	18.5
11 27	2 29.37	+12 11.9	1.820	2.741	9.1	18.7
12 7	2 24.40	+12 3.8	1.896	2.745	12.6	18.9

50051 2000 AH_{63} 11 6.0 230°.12 0°.6/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 15.49	+15 54.0	1.797	2.597	16.0	19.6
10 8	3 11.01	+15 42.4	1.705	2.589	12.7	19.4
10 18	3 3.82	+15 21.7	1.634	2.580	8.7	19.1
10 28	2 54.53	+14 53.4	1.589	2.571	4.2	18.8
11 7	2 44.12	+14 20.9	1.571	2.561	0.9	18.6
11 17	2 33.79	+13 48.4	1.581	2.551	5.5	18.9
11 27	2 24.77	+13 21.5	1.620	2.540	10.0	19.1
12 7	2 18.00	+13 4.5	1.683	2.529	14.0	19.3

320062 2007 EP_{29} 11 6.0 215°.74 4°.8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.84	+ 3 38.0	2.334	3.146	12.4	20.7
10 8	3 4.93	+ 2 37.4	2.255	3.143	9.9	20.5
10 18	2 59.19	+ 1 35.8	2.199	3.140	7.2	20.3
10 28	2 52.12	+ 0 38.2	2.171	3.137	5.1	20.2
11 7	2 44.42	− 0 10.2	2.171	3.133	5.1	20.2
11 17	2 36.87	− 0 45.2	2.199	3.130	7.3	20.3
11 27	2 30.25	− 1 3.8	2.254	3.126	10.0	20.5
12 7	2 25.16	− 1 5.0	2.333	3.122	12.5	20.7

280611 2004 XW_{14} 11 6.0 327°.65 6°.9/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 14.05	+38 52.2	1.823	2.541	18.7	20.1
10 8	3 10.25	+38 41.0	1.733	2.541	16.1	19.9
10 18	3 3.41	+38 2.7	1.660	2.541	13.0	19.7
10 28	2 54.31	+36 53.7	1.609	2.541	9.8	19.5
11 7	2 44.18	+35 14.4	1.583	2.541	7.3	19.4
11 17	2 34.45	+33 10.5	1.584	2.540	7.2	19.4
11 27	2 26.43	+30 52.7	1.614	2.540	9.6	19.5
12 7	2 21.04	+28 33.6	1.670	2.540	12.9	19.7

220934 2005 JO_{17} 11 6.0 53°.67 5°.2/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 16.26	+ 7 26.7	1.189	2.029	20.3	20.3
10 8	3 11.91	+ 6 34.6	1.151	2.056	15.8	20.1
10 18	3 4.36	+ 5 40.1	1.131	2.083	10.9	19.9
10 28	2 54.63	+ 4 50.3	1.133	2.111	6.4	19.8
11 7	2 44.18	+ 4 12.9	1.160	2.139	5.6	19.8
11 17	2 34.52	+ 3 53.4	1.213	2.168	9.1	20.1
11 27	2 26.95	+ 3 54.7	1.289	2.196	13.3	20.4
12 7	2 22.21	+ 4 16.3	1.387	2.225	17.0	20.7

291616 2006 HC_1 11 6.0 235°.97 2°.5/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 7.96	+12 28.6	2.650	3.450	11.5	20.6
10 8	3 4.08	+11 6.3	2.555	3.441	8.9	20.4
10 18	2 58.53	+ 9 35.8	2.485	3.432	6.1	20.2
10 28	2 51.79	+ 8 1.2	2.444	3.424	3.3	20.0
11 7	2 44.48	+ 6 27.9	2.434	3.415	2.8	20.0
11 17	2 37.28	+ 5 1.6	2.455	3.405	5.4	20.2
11 27	2 30.91	+ 3 47.3	2.505	3.396	8.4	20.3
12 7	2 25.91	+ 2 48.6	2.582	3.386	11.0	20.5

458440 2011 AZ_{57} 11 6.0 347°.00 6°.8/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 8.40	− 0 15.0	1.876	2.701	14.5	20.7
10 8	3 5.06	− 1 14.0	1.804	2.696	11.7	20.5
10 18	2 59.52	− 2 10.4	1.754	2.691	8.9	20.4
10 28	2 52.36	− 2 57.9	1.729	2.688	7.0	20.3
11 7	2 44.42	− 3 30.2	1.731	2.684	7.2	20.3
11 17	2 36.66	− 3 43.0	1.758	2.681	9.4	20.4
11 27	2 30.05	− 3 33.9	1.811	2.679	12.2	20.6
12 7	2 25.30	− 3 3.8	1.885	2.677	15.0	20.7

244331 2002 JV_{21} 11 6.0 215°.81 1°.2/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.04	+16 33.3	2.253	3.044	13.5	21.3
10 8	3 7.64	+15 39.3	2.156	3.036	10.6	21.1
10 18	3 1.17	+14 34.3	2.082	3.028	7.2	20.8
10 28	2 53.13	+13 21.3	2.036	3.018	3.4	20.6
11 7	2 44.33	+12 5.0	2.019	3.008	1.4	20.4
11 17	2 35.66	+10 51.1	2.033	2.998	5.0	20.6
11 27	2 28.01	+ 9 45.5	2.076	2.987	8.8	20.9
12 7	2 22.11	+ 8 52.9	2.145	2.975	12.1	21.1