517907 2015 TR_{116} 11 1.9 205°.80 4°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 50.06	+ 6 6.1	2.418	3.266	10.9	21.1
10 8	2 45.69	+ 4 30.7	2.346	3.265	8.2	20.9
10 18	2 39.78	+ 2 51.6	2.301	3.263	5.5	20.7
10 28	2 32.90	+ 1 15.0	2.285	3.261	4.0	20.6
11 7	2 25.75	− 0 12.8	2.300	3.259	5.2	20.7
11 17	2 19.05	− 1 26.3	2.343	3.256	7.9	20.9
11 27	2 13.46	− 2 21.7	2.413	3.254	10.6	21.0
12 7	2 9.48	− 2 57.5	2.506	3.251	13.0	21.2

319146 2005 YA_{28} 11 1.9 240°.02 0°.2/ 1.8 17

9 28	2 52.75	+15 26.4	2.435	3.264	11.5	21.4
10 8	2 47.83	+15 7.0	2.347	3.256	8.6	21.2
10 18	2 41.20	+14 40.2	2.284	3.248	5.3	21.0
10 28	2 33.41	+14 8.0	2.249	3.239	1.8	20.7
11 7	2 25.23	+13 33.5	2.244	3.230	2.0	20.7
11 17	2 17.45	+13 0.4	2.268	3.221	5.6	21.0
11 27	2 10.83	+12 32.7	2.321	3.212	8.9	21.2
12 7	2 5.95	+12 13.5	2.398	3.203	11.8	21.3

113890 2002 TA_{270} 11 1.9 86°.83 3°.9/ 4.8 18

9 28	2 58.24	+25 58.4	1.883	2.684	15.4	19.6
10 8	2 52.42	+26 19.4	1.815	2.698	12.2	19.4
10 18	2 44.22	+26 24.4	1.770	2.711	8.6	19.2
10 28	2 34.45	+26 12.5	1.750	2.723	5.2	19.0
11 7	2 24.24	+25 45.5	1.757	2.736	4.0	19.0
11 17	2 14.78	+25 7.8	1.793	2.749	6.5	19.2
11 27	2 7.12	+24 25.7	1.856	2.762	9.9	19.4
12 7	2 1.94	+23 45.8	1.943	2.774	13.1	19.6

199302 2006 BD_{82} 11 2.0 96°.76 3°.1/30.2 18

9 28	2 51.95	+ 6 10.7	2.437	3.281	11.0	20.6
10 8	2 47.00	+ 5 28.3	2.379	3.295	8.2	20.4
10 18	2 40.53	+ 4 44.7	2.346	3.309	5.3	20.3
10 28	2 33.15	+ 4 3.9	2.341	3.322	3.2	20.2
11 7	2 25.58	+ 3 30.0	2.365	3.336	4.1	20.3
11 17	2 18.51	+ 3 6.0	2.419	3.349	6.8	20.5
11 27	2 12.63	+ 2 54.4	2.500	3.362	9.5	20.6
12 7	2 8.37	+ 2 55.9	2.604	3.374	11.9	20.8

389691 2011 QT_{39} 11 2.0 59°.43 3°.5/30.8 18

9 28	2 55.51	+ 8 20.5	1.563	2.421	15.3	20.9
10 8	2 50.29	+ 7 34.1	1.517	2.441	11.3	20.7
10 18	2 42.79	+ 6 44.3	1.493	2.461	7.1	20.5
10 28	2 33.93	+ 5 56.8	1.495	2.481	3.7	20.4
11 7	2 24.85	+ 5 17.7	1.525	2.501	4.9	20.5
11 17	2 16.69	+ 4 52.0	1.581	2.522	8.7	20.8
11 27	2 10.38	+ 4 42.6	1.662	2.543	12.4	21.1
12 7	2 6.49	+ 4 50.4	1.765	2.563	15.6	21.3

263447 2008 EA_{1} 11 2.0 122°.33 7°.2/28.3 16

9 28	2 59.45	− 3 3.6	1.799	2.642	14.3	21.4
10 8	2 52.92	− 4 7.0	1.754	2.660	11.2	21.2
10 18	2 44.30	− 5 3.4	1.733	2.677	8.4	21.1
10 28	2 34.42	− 5 46.0	1.738	2.694	7.2	21.1
11 7	2 24.37	− 6 9.2	1.771	2.710	8.3	21.2
11 17	2 15.18	− 6 10.3	1.830	2.725	10.8	21.4
11 27	2 7.74	− 5 49.0	1.914	2.739	13.6	21.6
12 7	2 2.59	− 5 7.9	2.019	2.753	16.0	21.8

29224 1992 DD_{7} 11 2.0 300°.45 5°.2/29.5 18

9 28	2 54.29	+ 5 29.3	1.511	2.375	15.4	18.5
10 8	2 49.74	+ 4 22.3	1.445	2.371	11.7	18.3
10 18	2 42.69	+ 3 12.2	1.402	2.367	7.8	18.1
10 28	2 33.98	+ 2 6.6	1.383	2.363	5.2	17.9
11 7	2 24.75	+ 1 13.3	1.392	2.359	6.7	18.0
11 17	2 16.25	+ 0 38.9	1.426	2.356	10.5	18.2
11 27	2 9.58	+ 0 27.0	1.483	2.352	14.4	18.4
12 7	2 5.44	+ 0 38.0	1.561	2.349	17.8	18.6

151712 2003 BH_{40} 11 2.0 265°.64 0°.5/ 2.3 18

9 28	2 56.39	+17 42.7	1.655	2.493	15.5	20.8
10 8	2 51.44	+17 27.2	1.568	2.480	11.9	20.6
10 18	2 43.87	+16 59.0	1.504	2.467	7.6	20.3
10 28	2 34.43	+16 20.0	1.465	2.454	2.7	20.0
11 7	2 24.27	+15 34.3	1.453	2.441	2.4	19.9
11 17	2 14.67	+14 48.0	1.469	2.427	7.4	20.2
11 27	2 6.85	+14 7.7	1.511	2.414	12.0	20.4
12 7	2 1.65	+13 39.1	1.576	2.400	15.9	20.7

282454 2004 CP_{47} 11 2.0 345°.88 5°.5/30.0 18

9 28	2 53.07	+ 6 0.7	1.161	2.042	17.9	20.2
10 8	2 49.47	+ 5 6.3	1.100	2.035	13.6	19.9
10 18	2 42.83	+ 4 8.3	1.059	2.029	8.9	19.7
10 28	2 34.09	+ 3 15.3	1.040	2.023	5.6	19.5
11 7	2 24.66	+ 2 36.2	1.045	2.019	7.3	19.6
11 17	2 16.11	+ 2 18.0	1.074	2.016	11.8	19.8
11 27	2 9.79	+ 2 24.5	1.124	2.013	16.4	20.1
12 7	2 6.54	+ 2 55.5	1.193	2.012	20.4	20.3

423399 2005 LX_{9} 11 2.0 153°.90 3°.6/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.81	+ 6 17.3	2.094	2.932	12.7	21.9
10 8	2 52.32	+ 5 28.0	2.031	2.944	9.5	21.7
10 18	2 43.92	+ 4 36.8	1.993	2.954	6.2	21.5
10 28	2 34.33	+ 3 48.3	1.983	2.964	3.7	21.4
11 7	2 24.47	+ 3 7.8	2.003	2.973	4.8	21.5
11 17	2 15.27	+ 2 39.2	2.052	2.980	7.9	21.7
11 27	2 7.58	+ 2 25.5	2.129	2.987	11.1	21.9
12 7	2 1.95	+ 2 27.5	2.229	2.993	13.8	22.1

486291 2013 CJ_{66} 11 2.0 355°.74 7°.4/ 6.7 17

9 28	2 54.80	+31 33.4	1.461	2.265	18.9	20.8
10 8	2 50.85	+32 21.8	1.387	2.261	15.7	20.5
10 18	2 43.78	+32 47.5	1.331	2.257	12.2	20.3
10 28	2 34.45	+32 46.3	1.297	2.255	8.9	20.1
11 7	2 24.26	+32 18.0	1.288	2.254	7.4	20.0
11 17	2 14.84	+31 27.0	1.302	2.254	9.0	20.1
11 27	2 7.65	+30 22.6	1.342	2.254	12.4	20.3
12 7	2 3.63	+29 15.6	1.402	2.256	15.9	20.6

253394 2003 NZ_{12} 11 2.0 13°.60 5°.9/ 5.4 18

9 28	2 51.61	+27 20.8	0.950	1.807	22.9	19.5
10 8	2 49.19	+27 41.0	0.898	1.810	18.4	19.2
10 18	2 43.00	+27 31.7	0.862	1.816	13.2	18.9
10 28	2 34.19	+26 51.3	0.845	1.823	8.0	18.7
11 7	2 24.63	+25 44.3	0.849	1.831	6.0	18.6
11 17	2 16.33	+24 21.4	0.876	1.842	9.5	18.9
11 27	2 10.93	+22 57.1	0.923	1.853	14.5	19.2
12 7	2 9.26	+21 43.9	0.990	1.866	19.1	19.5

12221 Ogatakoan 11 2.0 68°.36 1°.2/ 1.2 18

9 28	2 55.29	+13 40.9	1.678	2.525	14.9	17.9
10 8	2 50.22	+13 13.1	1.615	2.534	11.1	17.7
10 18	2 42.86	+12 36.7	1.575	2.543	6.8	17.4
10 28	2 34.02	+11 55.5	1.561	2.552	2.3	17.2
11 7	2 24.80	+11 14.7	1.575	2.560	3.0	17.2
11 17	2 16.34	+10 39.5	1.616	2.569	7.4	17.5
11 27	2 9.64	+10 14.9	1.684	2.578	11.5	17.8
12 7	2 5.33	+10 3.9	1.774	2.588	14.9	18.0

307656 2003 SX_{198} 11 2.0 24°.05 2°.0/ 3.6 16

9 28	2 51.09	+24 14.0	1.358	2.200	18.1	19.8
10 8	2 47.63	+23 20.7	1.298	2.208	14.0	19.6
10 18	2 41.47	+22 3.9	1.257	2.217	9.2	19.3
10 28	2 33.57	+20 27.4	1.240	2.227	4.1	19.1
11 7	2 25.28	+18 39.5	1.249	2.237	2.7	19.0
11 17	2 17.95	+16 51.2	1.285	2.249	7.5	19.3
11 27	2 12.70	+15 13.5	1.346	2.261	12.2	19.6
12 7	2 10.17	+13 54.5	1.429	2.274	16.2	19.9

47128 1999 CZ_{115} 11 2.0 4°.08 1°.5/31.6 18

9 28	2 49.89	+13 5.2	2.047	2.894	12.6	17.9
10 8	2 45.89	+12 17.9	1.975	2.894	9.4	17.7
10 18	2 40.07	+11 22.8	1.927	2.895	5.7	17.5
10 28	2 33.07	+10 24.1	1.906	2.896	2.2	17.3
11 7	2 25.73	+ 9 26.9	1.913	2.897	3.0	17.3
11 17	2 18.92	+ 8 36.4	1.949	2.898	6.7	17.6
11 27	2 13.44	+ 7 57.4	2.012	2.900	10.2	17.8
12 7	2 9.83	+ 7 32.6	2.098	2.902	13.2	18.0

139078 2001 FN_{14} 11 2.0 210°.82 1°.8/31.7 18

9 28	2 56.64	+13 11.5	1.769	2.612	14.5	20.2
10 8	2 51.29	+12 21.8	1.691	2.607	10.9	20.0
10 18	2 43.59	+11 22.3	1.635	2.602	6.7	19.7
10 28	2 34.31	+10 17.5	1.606	2.595	2.5	19.5
11 7	2 24.52	+ 9 13.5	1.605	2.589	3.5	19.5
11 17	2 15.35	+ 8 16.9	1.634	2.581	7.9	19.8
11 27	2 7.85	+ 7 33.8	1.688	2.573	12.0	20.0
12 7	2 2.73	+ 7 7.5	1.765	2.565	15.5	20.2

476902 2008 WQ_{30} 11 2.0 358°.58 1°.7/ 3.1 18

9 28	2 54.52	+20 23.4	1.502	2.343	16.7	20.7
10 8	2 50.15	+20 17.4	1.430	2.341	12.9	20.5
10 18	2 43.09	+19 56.1	1.379	2.340	8.4	20.2
10 28	2 34.18	+19 20.7	1.352	2.340	3.6	19.9
11 7	2 24.67	+18 35.5	1.352	2.340	2.7	19.9
11 17	2 15.90	+17 46.7	1.378	2.340	7.3	20.2
11 27	2 9.09	+17 1.9	1.430	2.341	11.9	20.4
12 7	2 5.02	+16 27.3	1.503	2.342	15.8	20.7

7656 Joemontani 11 2.0 55°.62 0°.1/ 1.9 18

9 28	2 54.25	+15 56.0	1.895	2.733	13.9	18.3
10 8	2 49.14	+15 37.3	1.840	2.752	10.4	18.1
10 18	2 42.05	+15 9.7	1.807	2.772	6.4	17.9
10 28	2 33.73	+14 35.9	1.802	2.792	2.1	17.7
11 7	2 25.17	+14 0.0	1.824	2.812	2.2	17.7
11 17	2 17.33	+13 26.6	1.876	2.832	6.3	18.0
11 27	2 11.08	+13 0.2	1.954	2.852	9.9	18.3
12 7	2 6.96	+12 44.0	2.056	2.872	13.0	18.5

115975 2003 WJ_{55} 11 2.0 155°.81 0°.5/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.42	+17 2.8	1.695	2.526	15.6	20.0
10 8	2 54.20	+16 58.6	1.624	2.532	11.8	19.8
10 18	2 45.42	+16 43.7	1.575	2.537	7.4	19.5
10 28	2 34.93	+16 19.6	1.553	2.542	2.7	19.3
11 7	2 23.94	+15 49.9	1.559	2.547	2.4	19.3
11 17	2 13.71	+15 19.5	1.593	2.550	7.1	19.6
11 27	2 5.39	+14 54.0	1.655	2.554	11.4	19.8
12 7	1 59.69	+14 38.1	1.739	2.556	15.0	20.1

473480 2015 XJ_{81} 11 2.0 334°.16 3°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.34	+ 8 2.1	2.132	2.984	12.0	21.2
10 8	2 46.14	+ 6 56.8	2.061	2.982	9.0	21.0
10 18	2 40.20	+ 5 47.3	2.014	2.980	5.7	20.8
10 28	2 33.13	+ 4 38.7	1.996	2.979	3.4	20.7
11 7	2 25.74	+ 3 36.8	2.005	2.977	4.6	20.8
11 17	2 18.84	+ 2 46.7	2.044	2.975	7.7	21.0
11 27	2 13.21	+ 2 12.4	2.108	2.974	10.8	21.2
12 7	2 9.38	+ 1 55.4	2.195	2.973	13.6	21.4

332513 2008 GE_{107} 11 2.0 74°.43 5°.3/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.54	+ 5 14.2	1.404	2.268	16.3	20.9
10 8	2 51.33	+ 4 7.1	1.357	2.282	12.3	20.7
10 18	2 43.58	+ 2 58.9	1.331	2.296	8.1	20.5
10 28	2 34.27	+ 1 57.4	1.331	2.311	5.4	20.4
11 7	2 24.68	+ 1 10.4	1.357	2.325	6.8	20.5
11 17	2 16.07	+ 0 43.5	1.409	2.339	10.6	20.8
11 27	2 9.50	+ 0 39.1	1.484	2.354	14.3	21.0
12 7	2 5.57	+ 0 56.7	1.579	2.368	17.6	21.3

150323 1999 VV_{99} 11 2.0 339°.44 0°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.55	+13 45.4	1.260	2.122	18.0	20.2
10 8	2 52.10	+13 42.2	1.191	2.117	13.6	19.9
10 18	2 44.52	+13 29.6	1.142	2.111	8.5	19.6
10 28	2 34.72	+13 10.4	1.116	2.106	2.8	19.3
11 7	2 24.14	+12 49.2	1.115	2.102	3.3	19.3
11 17	2 14.36	+12 31.9	1.140	2.098	8.9	19.6
11 27	2 6.85	+12 24.4	1.188	2.095	14.1	19.9
12 7	2 2.49	+12 30.5	1.256	2.093	18.4	20.1

484433 2008 AT_{40} 11 2.0 312°.90 3°.3/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.05	+24 2.6	1.805	2.622	15.3	21.5
10 8	2 50.34	+24 16.3	1.720	2.613	12.1	21.3
10 18	2 43.16	+24 14.9	1.656	2.605	8.4	21.1
10 28	2 34.22	+23 57.9	1.617	2.597	4.7	20.8
11 7	2 24.62	+23 27.0	1.605	2.588	3.5	20.7
11 17	2 15.56	+22 46.7	1.621	2.581	6.7	20.9
11 27	2 8.19	+22 3.4	1.664	2.573	10.6	21.1
12 7	2 3.30	+21 24.0	1.729	2.566	14.2	21.3

279658 2011 FC_{10} 11 2.0 164°.45 4°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.18	+ 6 30.5	1.803	2.653	13.9	21.4
10 8	2 50.74	+ 5 34.4	1.737	2.657	10.4	21.2
10 18	2 43.14	+ 4 35.3	1.696	2.660	6.8	21.0
10 28	2 34.14	+ 3 39.2	1.681	2.663	4.2	20.8
11 7	2 24.77	+ 2 52.1	1.695	2.665	5.4	20.9
11 17	2 16.08	+ 2 19.3	1.736	2.667	8.9	21.1
11 27	2 9.02	+ 2 4.1	1.803	2.668	12.4	21.4
12 7	2 4.20	+ 2 7.4	1.891	2.670	15.4	21.6

294861 2008 CL_{195} 11 2.0 119°.13 0°.8/ 1.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.19	+14 58.2	1.716	2.553	15.1	21.8
10 8	2 53.02	+14 26.1	1.657	2.570	11.3	21.6
10 18	2 44.53	+13 44.2	1.621	2.586	6.9	21.4
10 28	2 34.59	+12 56.3	1.611	2.602	2.3	21.2
11 7	2 24.36	+12 7.5	1.631	2.617	2.8	21.2
11 17	2 15.00	+11 23.6	1.678	2.631	7.2	21.6
11 27	2 7.49	+10 49.9	1.753	2.645	11.3	21.8
12 7	2 2.45	+10 29.7	1.850	2.658	14.6	22.1

146585 2001 TY_{103} 11 2.0 57°.60 2°.2/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.20	+22 53.8	1.968	2.784	14.2	20.1
10 8	2 49.35	+22 44.7	1.890	2.786	11.1	19.9
10 18	2 42.34	+22 21.2	1.835	2.787	7.4	19.7
10 28	2 33.89	+21 44.2	1.806	2.789	3.7	19.5
11 7	2 25.01	+20 56.9	1.805	2.790	2.6	19.4
11 17	2 16.72	+20 4.3	1.832	2.792	6.0	19.6
11 27	2 9.99	+19 12.7	1.887	2.793	9.7	19.8
12 7	2 5.47	+18 27.8	1.966	2.795	13.0	20.1

262482 2006 UN_{195} 11 2.0 105°.17 0°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.67	+15 41.5	2.074	2.907	13.0	21.5
10 8	2 49.35	+15 9.2	2.010	2.921	9.7	21.3
10 18	2 42.15	+14 28.1	1.971	2.935	6.0	21.1
10 28	2 33.79	+13 41.2	1.958	2.948	2.0	20.8
11 7	2 25.16	+12 53.0	1.975	2.962	2.2	20.9
11 17	2 17.18	+12 8.2	2.022	2.975	6.1	21.2
11 27	2 10.66	+11 31.5	2.096	2.988	9.7	21.4
12 7	2 6.15	+11 6.1	2.194	3.000	12.7	21.6

393778 2005 JB_{20} 11 2.0 188°.96 4°.9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.77	− 0 17.6	2.421	3.258	11.3	21.4
10 8	2 49.95	− 0 59.4	2.350	3.257	8.7	21.2
10 18	2 42.46	− 1 38.3	2.305	3.256	6.3	21.1
10 28	2 33.90	− 2 9.6	2.288	3.254	4.9	21.0
11 7	2 25.03	− 2 29.4	2.301	3.251	5.9	21.0
11 17	2 16.64	− 2 34.8	2.342	3.248	8.2	21.2
11 27	2 9.47	− 2 24.5	2.410	3.244	10.8	21.3
12 7	2 4.03	− 1 58.8	2.500	3.239	13.1	21.5

484933 2009 SC_{147} 11 2.0 318°.19 0°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.27	+14 23.9	2.133	2.966	12.7	20.4
10 8	2 49.98	+14 31.8	2.051	2.961	9.6	20.1
10 18	2 42.68	+14 33.7	1.993	2.956	6.0	19.9
10 28	2 34.02	+14 30.8	1.962	2.951	2.0	19.7
11 7	2 24.88	+14 25.5	1.960	2.947	2.1	19.6
11 17	2 16.19	+14 20.6	1.987	2.942	6.0	19.9
11 27	2 8.87	+14 19.5	2.042	2.938	9.7	20.1
12 7	2 3.57	+14 25.0	2.121	2.934	12.8	20.3

224083 2005 NL_{80} 11 2.0 151°.75 2°.8/ 4.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.45	+24 45.7	2.056	2.852	14.4	21.7
10 8	2 53.87	+24 39.7	1.982	2.864	11.3	21.5
10 18	2 45.06	+24 18.4	1.930	2.874	7.7	21.3
10 28	2 34.80	+23 41.9	1.905	2.884	4.2	21.1
11 7	2 24.16	+22 53.0	1.909	2.893	3.0	21.0
11 17	2 14.24	+21 56.8	1.944	2.901	6.0	21.2
11 27	2 6.02	+20 59.9	2.007	2.907	9.6	21.5
12 7	2 0.13	+20 8.5	2.095	2.913	12.7	21.7

160895 2001 SN_{107} 11 2.0 38°.17 7°.0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.76	+27 19.7	0.894	1.744	24.6	18.7
10 8	2 56.04	+28 17.7	0.859	1.766	19.6	18.5
10 18	2 47.14	+28 46.5	0.840	1.789	14.2	18.3
10 28	2 35.56	+28 42.4	0.840	1.814	9.1	18.1
11 7	2 23.54	+28 8.3	0.861	1.840	7.1	18.1
11 17	2 13.29	+27 13.8	0.905	1.867	10.1	18.4
11 27	2 6.46	+26 12.6	0.970	1.894	14.7	18.7
12 7	2 3.73	+25 17.1	1.054	1.922	18.8	19.1

1849 Kresák 11 2.0 213°.77 1°.0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.82	+12 0.5	2.266	3.101	12.0	16.4
10 8	2 49.45	+11 55.1	2.188	3.100	9.0	16.2
10 18	2 42.26	+11 45.1	2.134	3.099	5.5	16.0
10 28	2 33.86	+11 32.6	2.109	3.098	1.9	15.7
11 7	2 25.07	+11 20.4	2.112	3.097	2.4	15.7
11 17	2 16.74	+11 11.5	2.146	3.096	6.0	16.0
11 27	2 9.71	+11 8.9	2.207	3.095	9.4	16.2
12 7	2 4.54	+11 14.7	2.293	3.094	12.3	16.4

317845 2003 SG_{428} 11 2.0 115°.02 4°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.43	+ 3 54.9	2.377	3.226	11.0	20.9
10 8	2 45.96	+ 2 31.8	2.317	3.234	8.3	20.8
10 18	2 39.97	+ 1 7.8	2.283	3.241	5.7	20.6
10 28	2 33.05	− 0 11.1	2.277	3.248	4.4	20.5
11 7	2 25.90	− 1 19.5	2.300	3.255	5.5	20.6
11 17	2 19.24	− 2 12.7	2.353	3.262	8.0	20.8
11 27	2 13.73	− 2 48.0	2.431	3.269	10.6	21.0
12 7	2 9.85	− 3 4.8	2.532	3.276	12.9	21.2

119219 2001 QJ_{211} 11 2.0 95°.91 1°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.05	+19 54.7	1.638	2.466	16.1	20.6
10 8	2 53.08	+19 38.5	1.580	2.486	12.3	20.4
10 18	2 44.63	+19 8.2	1.545	2.504	7.8	20.2
10 28	2 34.65	+18 25.9	1.535	2.523	3.1	20.0
11 7	2 24.36	+17 36.3	1.553	2.541	2.4	19.9
11 17	2 15.01	+16 45.4	1.600	2.558	6.8	20.3
11 27	2 7.64	+16 0.1	1.673	2.576	11.0	20.6
12 7	2 2.87	+15 25.6	1.769	2.593	14.5	20.8

101129 1998 RU_{58} 11 2.0 91°.99 0°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.14	+17 2.6	1.563	2.402	16.3	20.3
10 8	2 53.12	+16 31.2	1.511	2.423	12.2	20.1
10 18	2 44.63	+15 47.5	1.480	2.445	7.5	19.8
10 28	2 34.64	+14 55.2	1.476	2.466	2.5	19.6
11 7	2 24.40	+14 0.0	1.499	2.487	2.5	19.6
11 17	2 15.16	+13 8.5	1.551	2.507	7.3	20.0
11 27	2 7.96	+12 27.0	1.628	2.527	11.5	20.3
12 7	2 3.38	+11 59.5	1.729	2.546	15.1	20.6

22137 Annettelee 11 2.0 329°.29 0°.5/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.07	+15 59.2	1.451	2.306	16.4	18.6
10 8	2 49.16	+15 31.4	1.375	2.297	12.4	18.3
10 18	2 42.54	+14 50.6	1.320	2.288	7.8	18.1
10 28	2 34.05	+14 0.3	1.289	2.280	2.6	17.7
11 7	2 24.88	+13 6.5	1.284	2.272	2.9	17.7
11 17	2 16.39	+12 16.3	1.306	2.264	8.1	18.0
11 27	2 9.80	+11 36.8	1.353	2.258	12.9	18.3
12 7	2 5.94	+11 13.0	1.420	2.252	17.0	18.5

69343 1993 TO_{29} 11 2.0 7°.53 3°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 51.99	+12 1.4	1.107	1.986	18.6	19.1
10 8	2 48.73	+10 48.1	1.051	1.987	13.9	18.8
10 18	2 42.39	+ 9 22.2	1.014	1.987	8.6	18.5
10 28	2 33.98	+ 7 52.4	1.000	1.989	3.9	18.3
11 7	2 25.02	+ 6 29.9	1.011	1.992	5.6	18.4
11 17	2 17.05	+ 5 25.0	1.045	1.995	10.8	18.7
11 27	2 11.40	+ 4 45.0	1.101	2.000	15.8	19.0
12 7	2 8.83	+ 4 32.2	1.176	2.005	20.0	19.3

70247 1999 RR_{82} 11 2.0 105°.45 0°.7/ 1.4 18

9 28	2 56.82	+15 46.0	1.985	2.816	13.6	20.4
10 8	2 50.91	+14 58.8	1.929	2.839	10.1	20.2
10 18	2 43.08	+14 2.1	1.898	2.862	6.2	20.1
10 28	2 34.09	+12 59.8	1.894	2.884	2.0	19.8
11 7	2 24.94	+11 57.3	1.920	2.905	2.5	19.9
11 17	2 16.56	+11 0.1	1.975	2.926	6.4	20.2
11 27	2 9.78	+10 13.3	2.058	2.946	10.0	20.5
12 7	2 5.10	+ 9 40.0	2.165	2.966	13.0	20.7

278599 2008 OM_{23} 11 2.0 79°.54 4°.2/ 4.9 18

9 28	3 1.30	+26 24.5	1.675	2.478	16.9	20.1
10 8	2 54.86	+26 46.3	1.620	2.502	13.4	19.9
10 18	2 45.78	+26 49.9	1.586	2.526	9.4	19.7
10 28	2 35.05	+26 34.2	1.577	2.550	5.7	19.6
11 7	2 24.00	+26 1.7	1.595	2.574	4.4	19.6
11 17	2 13.94	+25 17.6	1.641	2.597	7.0	19.8
11 27	2 5.99	+24 29.5	1.714	2.621	10.6	20.0
12 7	2 0.82	+23 44.9	1.811	2.643	13.8	20.3

517311 2014 HK_{202} 11 2.0 302°.02 6°.0/28.6 18

9 28	2 52.75	+ 2 43.4	1.635	2.498	14.5	21.3
10 8	2 48.53	+ 1 31.8	1.562	2.485	11.1	21.0
10 18	2 41.98	+ 0 19.2	1.511	2.472	7.8	20.8
10 28	2 33.83	− 0 46.7	1.487	2.460	6.0	20.7
11 7	2 25.12	− 1 38.0	1.489	2.447	7.5	20.7
11 17	2 16.99	− 2 8.8	1.516	2.435	10.9	20.9
11 27	2 10.49	− 2 15.6	1.567	2.423	14.4	21.1
12 7	2 6.35	− 1 58.6	1.638	2.412	17.6	21.3

117811 2005 GO_{180} 11 2.0 110°.48 1°.5/31.9 18

9 28	2 54.48	+12 36.6	1.864	2.709	13.8	20.2
10 8	2 49.49	+12 3.1	1.794	2.712	10.3	20.0
10 18	2 42.39	+11 22.4	1.748	2.715	6.3	19.8
10 28	2 33.92	+10 38.1	1.729	2.718	2.3	19.5
11 7	2 25.07	+ 9 55.1	1.738	2.722	3.1	19.6
11 17	2 16.84	+ 9 18.6	1.775	2.725	7.2	19.8
11 27	2 10.17	+ 8 53.0	1.839	2.728	11.0	20.1
12 7	2 5.68	+ 8 41.1	1.925	2.731	14.2	20.3

453661 2010 TX_{162} 11 2.0 7°.23 0°.7/ 2.6 17

9 28	2 53.42	+18 12.2	1.849	2.685	14.3	21.7
10 8	2 48.83	+18 0.3	1.775	2.685	10.8	21.5
10 18	2 42.06	+17 37.2	1.723	2.686	6.9	21.2
10 28	2 33.83	+17 4.8	1.698	2.687	2.6	21.0
11 7	2 25.15	+16 26.8	1.700	2.688	2.1	20.9
11 17	2 17.07	+15 48.0	1.730	2.689	6.4	21.2
11 27	2 10.56	+15 14.1	1.787	2.691	10.4	21.5
12 7	2 6.29	+14 49.5	1.868	2.693	13.8	21.7

421011 2013 PN_{52} 11 2.0 92°.66 0°.5/ 2.4 17

9 28	2 58.10	+20 2.1	1.383	2.224	17.9	20.9
10 8	2 52.72	+19 13.4	1.327	2.240	13.5	20.6
10 18	2 44.56	+18 6.7	1.292	2.255	8.5	20.4
10 28	2 34.66	+16 46.3	1.282	2.271	3.1	20.1
11 7	2 24.44	+15 20.0	1.298	2.286	2.6	20.1
11 17	2 15.30	+13 57.3	1.342	2.301	7.9	20.5
11 27	2 8.40	+12 47.1	1.412	2.316	12.5	20.8
12 7	2 4.37	+11 55.1	1.503	2.330	16.4	21.1

324524 2006 VZ_{108} 11 2.0 41°.65 3°.2/ 3.9 18

9 28	2 58.08	+24 18.9	0.984	1.838	22.5	19.8
10 8	2 53.30	+24 1.7	0.953	1.868	17.3	19.6
10 18	2 45.04	+23 18.7	0.939	1.899	11.4	19.4
10 28	2 34.78	+22 13.2	0.947	1.931	5.6	19.2
11 7	2 24.43	+20 53.9	0.977	1.964	3.8	19.2
11 17	2 15.72	+19 32.2	1.033	1.998	8.6	19.6
11 27	2 9.93	+18 20.0	1.111	2.032	13.5	19.9
12 7	2 7.57	+17 24.8	1.209	2.066	17.7	20.3

47412 1999 XD_{140} 11 2.0 203°.86 1°.7/31.7 18

9 28	2 54.68	+11 48.8	2.005	2.847	13.1	19.7
10 8	2 49.56	+11 14.9	1.929	2.845	9.8	19.5
10 18	2 42.42	+10 34.4	1.877	2.843	6.0	19.3
10 28	2 33.95	+ 9 51.1	1.851	2.840	2.4	19.1
11 7	2 25.06	+ 9 9.5	1.855	2.838	3.2	19.1
11 17	2 16.72	+ 8 34.4	1.887	2.835	7.0	19.4
11 27	2 9.82	+ 8 10.1	1.947	2.831	10.7	19.6
12 7	2 4.98	+ 7 59.1	2.029	2.828	13.8	19.8

172826 2004 YL_{31} 11 2.0 66°.68 1°.3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 3.79	+18 15.3	1.175	2.022	20.0	19.3
10 8	2 57.19	+18 20.9	1.135	2.050	15.1	19.1
10 18	2 47.36	+18 11.3	1.115	2.078	9.5	18.9
10 28	2 35.58	+17 48.5	1.118	2.107	3.7	18.6
11 7	2 23.60	+17 17.4	1.147	2.134	2.9	18.6
11 17	2 13.07	+16 44.8	1.201	2.162	8.3	19.0
11 27	2 5.29	+16 18.1	1.280	2.190	13.1	19.4
12 7	2 0.88	+16 2.8	1.381	2.217	17.1	19.7

246828 2009 UF_5 11 2.0 315°.94 8°.0/ 8.7 17

9 28	2 55.64	+38 18.8	2.121	2.859	15.8	20.3
10 8	2 50.92	+39 3.4	2.027	2.846	13.7	20.1
10 18	2 43.63	+39 27.3	1.952	2.834	11.3	19.9
10 28	2 34.46	+39 26.3	1.900	2.822	9.2	19.8
11 7	2 24.50	+38 59.4	1.873	2.811	8.0	19.7
11 17	2 15.03	+38 8.7	1.873	2.799	8.6	19.7
11 27	2 7.26	+37 0.7	1.898	2.788	10.6	19.8
12 7	2 2.06	+35 44.3	1.947	2.778	13.1	19.9

216731 2005 GG_{156} 11 2.0 286°.20 1°.1/ 1.2 18

9 28	2 53.66	+14 39.8	1.813	2.658	14.1	20.5
10 8	2 49.24	+14 0.0	1.718	2.635	10.7	20.3
10 18	2 42.49	+13 9.1	1.645	2.612	6.6	20.0
10 28	2 34.05	+12 10.3	1.598	2.589	2.3	19.6
11 7	2 24.92	+11 9.2	1.580	2.565	3.0	19.6
11 17	2 16.20	+10 12.2	1.589	2.542	7.6	19.9
11 27	2 8.99	+ 9 25.8	1.625	2.518	11.9	20.1
12 7	2 4.09	+ 8 54.7	1.683	2.495	15.7	20.3

322620 1995 UJ_{60} 11 2.0 70°.39 1°.5/31.8 18

9 28	2 53.18	+12 18.7	2.007	2.851	13.0	21.3
10 8	2 48.35	+11 45.5	1.941	2.859	9.6	21.2
10 18	2 41.61	+11 5.8	1.899	2.866	5.9	20.9
10 28	2 33.66	+10 23.3	1.884	2.874	2.2	20.7
11 7	2 25.39	+ 9 42.6	1.898	2.881	3.0	20.8
11 17	2 17.72	+ 9 8.1	1.940	2.889	6.7	21.0
11 27	2 11.48	+ 8 44.0	2.009	2.896	10.3	21.3
12 7	2 7.24	+ 8 32.6	2.101	2.904	13.3	21.5

185647 4226 $T\text{-}_2$ 11 2.0 76°.33 2°.7/31.4 17

9 28	2 58.61	+10 34.6	1.406	2.263	16.8	20.0
10 8	2 52.89	+ 9 54.1	1.359	2.283	12.4	19.8
10 18	2 44.56	+ 9 7.3	1.334	2.302	7.7	19.6
10 28	2 34.65	+ 8 20.0	1.334	2.322	3.3	19.4
11 7	2 24.49	+ 7 38.5	1.360	2.341	4.4	19.5
11 17	2 15.38	+ 7 8.6	1.413	2.361	8.9	19.8
11 27	2 8.40	+ 6 54.6	1.491	2.380	13.1	20.1
12 7	2 4.17	+ 6 57.8	1.590	2.399	16.6	20.4

477251 2009 SR_{27} 11 2.0 105°.69 6°.7/27.2 16

9 28	2 57.05	+ 2 39.9	1.704	2.557	14.5	21.8
10 8	2 51.20	+ 0 24.1	1.664	2.581	11.0	21.7
10 18	2 43.29	− 1 50.6	1.650	2.604	7.9	21.5
10 28	2 34.19	− 3 53.7	1.664	2.627	6.7	21.5
11 7	2 24.97	− 5 35.7	1.706	2.648	8.3	21.7
11 17	2 16.65	− 6 50.4	1.776	2.670	11.2	21.9
11 27	2 10.09	− 7 35.4	1.870	2.690	14.1	22.1
12 7	2 5.80	− 7 52.3	1.984	2.710	16.5	22.3

38969 2000 TV_{55} 11 2.0 56°.21 6°.3/30.1 18

9 28	2 59.63	+ 3 11.4	1.141	2.013	18.8	18.0
10 8	2 54.01	+ 2 24.5	1.104	2.032	14.2	17.8
10 18	2 45.38	+ 1 40.5	1.086	2.051	9.5	17.6
10 28	2 34.95	+ 1 7.3	1.092	2.071	6.4	17.5
11 7	2 24.28	+ 0 52.1	1.122	2.091	7.8	17.6
11 17	2 14.91	+ 0 58.6	1.176	2.111	11.7	17.9
11 27	2 8.04	+ 1 27.5	1.253	2.132	15.8	18.2
12 7	2 4.28	+ 2 16.2	1.349	2.152	19.3	18.5

279653 2011 FP_4 11 2.0 272°.03 1°.0/ 1.5 18

9 28	2 58.23	+13 20.3	1.594	2.440	15.7	21.3
10 8	2 53.00	+13 10.1	1.506	2.423	11.9	21.0
10 18	2 45.00	+12 51.5	1.439	2.405	7.4	20.7
10 28	2 34.96	+12 27.2	1.397	2.388	2.6	20.4
11 7	2 24.08	+12 1.4	1.383	2.370	3.1	20.4
11 17	2 13.69	+11 39.1	1.397	2.351	8.2	20.7
11 27	2 5.12	+11 25.7	1.436	2.333	12.9	20.9
12 7	1 59.28	+11 25.2	1.497	2.314	17.0	21.1

390932 2005 GZ_{37} 11 2.0 144°.30 2°.2/ 4.0 18

9 28	2 55.94	+23 57.3	2.320	3.120	12.9	21.3
10 8	2 50.29	+23 41.0	2.244	3.130	10.0	21.1
10 18	2 42.77	+23 11.1	2.192	3.140	6.7	20.9
10 28	2 34.07	+22 28.7	2.168	3.149	3.5	20.7
11 7	2 25.06	+21 36.7	2.172	3.157	2.4	20.7
11 17	2 16.63	+20 39.8	2.207	3.165	5.3	20.9
11 27	2 9.61	+19 43.6	2.271	3.172	8.6	21.1
12 7	2 4.55	+18 53.2	2.360	3.179	11.5	21.3

149722 2004 JB_{30} 11 2.0 134°.08 2°.1/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.62	+11 0.3	1.575	2.426	15.6	20.1
10 8	2 52.22	+10 37.3	1.507	2.428	11.7	19.8
10 18	2 44.29	+10 8.0	1.462	2.429	7.2	19.6
10 28	2 34.65	+ 9 36.5	1.442	2.431	2.9	19.3
11 7	2 24.50	+ 9 7.8	1.449	2.433	3.8	19.4
11 17	2 15.10	+ 8 46.9	1.484	2.434	8.3	19.7
11 27	2 7.58	+ 8 38.3	1.545	2.436	12.5	19.9
12 7	2 2.66	+ 8 44.2	1.627	2.437	16.2	20.2

261713 2006 AH_{11} 11 2.0 249°.00 6°.5/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.41	− 6 41.5	2.606	3.437	10.7	20.6
10 8	2 48.20	− 7 30.1	2.530	3.423	8.7	20.5
10 18	2 41.43	− 8 12.3	2.479	3.409	7.1	20.4
10 28	2 33.63	− 8 43.1	2.456	3.395	6.5	20.3
11 7	2 25.48	− 8 58.4	2.460	3.380	7.4	20.3
11 17	2 17.71	− 8 55.7	2.492	3.364	9.2	20.4
11 27	2 11.01	− 8 34.3	2.550	3.349	11.4	20.6
12 7	2 5.89	− 7 55.2	2.629	3.333	13.4	20.7

454508 2014 OQ_{184} 11 2.0 54°.32 5°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.37	+ 0 11.5	2.094	2.944	12.3	21.3
10 8	2 48.38	− 0 31.8	2.034	2.947	9.5	21.1
10 18	2 41.60	− 1 11.8	1.997	2.951	6.8	21.0
10 28	2 33.68	− 1 43.4	1.987	2.955	5.3	20.9
11 7	2 25.47	− 2 2.1	2.006	2.959	6.3	21.0
11 17	2 17.82	− 2 4.9	2.051	2.964	8.9	21.1
11 27	2 11.52	− 1 50.6	2.122	2.968	11.6	21.3
12 7	2 7.10	− 1 19.8	2.215	2.972	14.1	21.5

439653 2014 HM_{30} 11 2.0 36°.22 5°.4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.60	+ 8 22.1	1.384	2.257	16.0	19.4
10 8	2 46.83	+ 6 8.8	1.348	2.280	11.8	19.3
10 18	2 40.76	+ 3 50.8	1.335	2.303	7.7	19.1
10 28	2 33.38	+ 1 39.9	1.348	2.327	5.4	19.0
11 7	2 25.84	− 0 12.6	1.388	2.352	7.3	19.2
11 17	2 19.27	− 1 38.3	1.454	2.378	10.9	19.5
11 27	2 14.56	− 2 33.4	1.543	2.404	14.4	19.8
12 7	2 12.20	− 2 58.6	1.651	2.430	17.3	20.0

517122 2013 GP_{139} 11 2.0 139°.80 3°.0/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.85	+ 6 24.2	2.422	3.264	11.1	21.9
10 8	2 47.79	+ 5 44.1	2.355	3.271	8.3	21.7
10 18	2 41.15	+ 5 2.4	2.314	3.277	5.3	21.5
10 28	2 33.52	+ 4 23.0	2.301	3.283	3.2	21.4
11 7	2 25.63	+ 3 50.1	2.318	3.289	4.1	21.5
11 17	2 18.23	+ 3 26.8	2.364	3.295	6.8	21.7
11 27	2 12.01	+ 3 15.7	2.437	3.300	9.7	21.9
12 7	2 7.45	+ 3 17.9	2.533	3.305	12.2	22.0

487254 2014 PT_{30} 11 2.0 79°.55 4°.1/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.56	+27 56.5	2.199	2.988	13.9	21.3
10 8	2 50.26	+28 13.4	2.124	2.995	11.1	21.1
10 18	2 42.90	+28 14.8	2.070	3.003	8.1	20.9
10 28	2 34.16	+28 0.2	2.043	3.010	5.2	20.8
11 7	2 25.00	+27 30.9	2.043	3.018	4.1	20.7
11 17	2 16.41	+26 50.5	2.072	3.025	6.0	20.9
11 27	2 9.32	+26 4.8	2.129	3.033	8.9	21.1
12 7	2 4.36	+25 19.8	2.210	3.040	11.7	21.3

111051 2001 VM_{37} 11 2.0 20°.23 2°.4/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.99	+12 33.1	1.031	1.910	19.8	19.0
10 8	2 51.19	+11 57.8	0.979	1.914	14.8	18.7
10 18	2 44.03	+11 11.4	0.946	1.919	9.1	18.4
10 28	2 34.61	+10 20.3	0.934	1.925	3.4	18.1
11 7	2 24.61	+ 9 32.7	0.946	1.931	4.6	18.2
11 17	2 15.73	+ 8 57.1	0.982	1.939	10.3	18.6
11 27	2 9.44	+ 8 40.0	1.039	1.947	15.6	18.9
12 7	2 6.51	+ 8 43.8	1.115	1.956	20.0	19.2

222176 2000 BR_{24} 11 2.0 304°.87 1°.5/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.22	+18 49.0	2.068	2.892	13.4	20.1
10 8	2 50.25	+19 5.8	1.970	2.873	10.3	19.8
10 18	2 43.08	+19 13.7	1.896	2.854	6.8	19.6
10 28	2 34.29	+19 12.6	1.848	2.835	3.0	19.3
11 7	2 24.81	+19 4.3	1.829	2.816	2.3	19.2
11 17	2 15.68	+18 51.5	1.839	2.798	6.1	19.4
11 27	2 7.92	+18 38.7	1.876	2.779	10.0	19.6
12 7	2 2.31	+18 30.0	1.937	2.761	13.4	19.8

140239 2001 SS_{248} 11 2.0 137°.59 0°.4/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.91	+16 36.7	2.033	2.863	13.4	20.5
10 8	2 50.52	+16 34.7	1.957	2.865	10.1	20.3
10 18	2 43.06	+16 24.0	1.905	2.867	6.4	20.1
10 28	2 34.23	+16 6.3	1.879	2.868	2.3	19.8
11 7	2 24.95	+15 44.3	1.883	2.870	2.0	19.8
11 17	2 16.23	+15 21.8	1.915	2.872	6.1	20.1
11 27	2 8.99	+15 3.2	1.975	2.873	9.8	20.3
12 7	2 3.87	+14 52.0	2.059	2.875	13.0	20.5

373277 2012 HC_{36} 11 2.1 311°.99 1°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.27	+12 43.0	1.342	2.199	17.4	21.0
10 8	2 53.24	+12 31.0	1.272	2.195	13.1	20.7
10 18	2 45.19	+12 10.6	1.223	2.192	8.2	20.4
10 28	2 35.04	+11 45.1	1.198	2.188	2.9	20.1
11 7	2 24.16	+11 19.6	1.199	2.185	3.5	20.1
11 17	2 14.09	+10 59.9	1.226	2.182	8.9	20.4
11 27	2 6.20	+10 51.5	1.278	2.179	13.8	20.7
12 7	2 1.35	+10 57.6	1.350	2.176	18.0	21.0

407630 2011 CF_{76} 11 2.1 351°.60 15°.6/16.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.75	+55 15.5	1.878	2.501	20.9	20.2
10 8	2 58.17	+57 7.9	1.802	2.495	19.6	20.0
10 18	2 49.21	+58 31.6	1.740	2.490	18.1	19.9
10 28	2 36.67	+59 17.0	1.694	2.485	16.8	19.8
11 7	2 22.43	+59 17.9	1.666	2.482	15.9	19.7
11 17	2 8.98	+58 33.7	1.656	2.479	15.6	19.7
11 27	1 58.69	+57 10.9	1.667	2.477	15.9	19.7
12 7	1 52.92	+55 21.8	1.696	2.476	16.9	19.8

289488 2005 EB_{101} 11 2.1 165°.37 2°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.87	+22 33.2	2.395	3.193	12.6	21.4
10 8	2 52.53	+22 47.4	2.314	3.198	9.8	21.2
10 18	2 44.23	+22 50.6	2.256	3.203	6.6	21.0
10 28	2 34.63	+22 42.6	2.226	3.207	3.5	20.8
11 7	2 24.61	+22 25.0	2.227	3.210	2.6	20.8
11 17	2 15.08	+22 0.7	2.257	3.213	5.4	20.9
11 27	2 6.94	+21 34.0	2.317	3.215	8.6	21.1
12 7	2 0.79	+21 9.7	2.402	3.217	11.4	21.3

297282 1997 HV_{1} 11 2.1 110°.69 3°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.27	+22 37.0	1.892	2.700	15.1	20.7
10 8	2 54.81	+23 15.0	1.819	2.708	11.8	20.5
10 18	2 45.87	+23 40.7	1.769	2.716	8.1	20.3
10 28	2 35.23	+23 52.8	1.745	2.724	4.5	20.1
11 7	2 24.04	+23 51.8	1.750	2.732	3.5	20.0
11 17	2 13.50	+23 40.8	1.783	2.739	6.5	20.2
11 27	2 4.76	+23 24.9	1.844	2.747	10.2	20.5
12 7	1 58.55	+23 9.7	1.930	2.754	13.4	20.7

323239 2003 SO_{178} 11 2.1 35°.37 6°.8/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.61	+33 47.3	1.994	2.758	15.9	20.2
10 8	2 52.24	+34 38.5	1.922	2.767	13.3	20.0
10 18	2 44.35	+35 10.5	1.871	2.776	10.5	19.8
10 28	2 34.73	+35 20.0	1.844	2.786	8.0	19.7
11 7	2 24.53	+35 6.7	1.843	2.796	6.8	19.7
11 17	2 14.98	+34 33.7	1.869	2.807	7.8	19.8
11 27	2 7.24	+33 47.3	1.921	2.817	10.2	19.9
12 7	2 2.04	+32 55.5	1.997	2.829	12.8	20.1

343299 2010 AC_{77} 11 2.1 279°.00 4°.8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.77	+ 5 38.2	1.618	2.477	14.8	20.3
10 8	2 50.12	+ 4 40.8	1.543	2.467	11.2	20.1
10 18	2 43.05	+ 3 40.3	1.491	2.456	7.4	19.9
10 28	2 34.30	+ 2 43.2	1.465	2.445	4.8	19.7
11 7	2 24.97	+ 1 56.6	1.465	2.435	6.2	19.7
11 17	2 16.24	+ 1 26.6	1.492	2.424	10.0	19.9
11 27	2 9.21	+ 1 17.1	1.543	2.413	13.9	20.1
12 7	2 4.63	+ 1 28.8	1.615	2.403	17.3	20.4

324857 2007 LG_{34} 11 2.1 276°.73 2°.0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.94	+11 35.6	2.247	3.091	11.8	21.1
10 8	2 46.65	+10 43.0	2.163	3.081	8.8	20.9
10 18	2 40.62	+ 9 43.6	2.104	3.071	5.4	20.7
10 28	2 33.42	+ 8 41.2	2.073	3.061	2.4	20.5
11 7	2 25.83	+ 7 41.2	2.070	3.051	3.3	20.5
11 17	2 18.67	+ 6 48.4	2.097	3.040	6.7	20.7
11 27	2 12.71	+ 6 7.3	2.151	3.030	10.1	20.9
12 7	2 8.52	+ 5 40.8	2.229	3.020	13.0	21.1

21253 1996 AX_{3} 11 2.1 159°.38 2°.7/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.79	+23 44.2	2.031	2.838	14.2	18.2
10 8	2 51.30	+23 46.1	1.952	2.841	11.1	18.0
10 18	2 43.61	+23 33.8	1.896	2.844	7.6	17.8
10 28	2 34.46	+23 7.5	1.866	2.847	4.0	17.6
11 7	2 24.84	+22 29.7	1.865	2.849	2.9	17.5
11 17	2 15.82	+21 44.8	1.893	2.851	6.0	17.7
11 27	2 8.37	+20 58.8	1.948	2.853	9.6	18.0
12 7	2 3.17	+20 17.5	2.028	2.854	12.8	18.2

166272 2002 GB_{94} 11 2.1 129°.45 3°.6/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.55	+25 32.8	2.054	2.847	14.5	21.2
10 8	2 54.09	+25 56.9	1.982	2.859	11.5	21.0
10 18	2 45.33	+26 6.7	1.932	2.871	8.1	20.8
10 28	2 35.04	+26 0.9	1.908	2.882	4.9	20.6
11 7	2 24.30	+25 40.9	1.914	2.893	3.8	20.6
11 17	2 14.23	+25 10.3	1.948	2.903	6.2	20.7
11 27	2 5.86	+24 34.8	2.011	2.912	9.5	21.0
12 7	1 59.86	+24 0.5	2.098	2.922	12.5	21.2

94104 2000 YG_{78} 11 2.1 256°.06 3°.8/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 53.67	+28 39.7	2.250	3.037	13.6	19.5
10 8	2 48.91	+28 33.9	2.160	3.031	11.0	19.3
10 18	2 42.12	+28 11.4	2.093	3.026	8.0	19.1
10 28	2 33.96	+27 31.8	2.051	3.021	5.0	18.9
11 7	2 25.34	+26 37.3	2.038	3.015	3.8	18.8
11 17	2 17.22	+25 32.3	2.053	3.009	5.8	18.9
11 27	2 10.51	+24 23.3	2.097	3.004	8.9	19.1
12 7	2 5.86	+23 17.0	2.166	2.998	11.9	19.3

1622 Chacornac 11 2.1 125°.90 2°.6/ 3.6 18

9 28	3 2.55	+22 3.0	1.625	2.442	16.7	16.1
10 8	2 55.96	+22 13.2	1.560	2.456	13.0	15.9
10 18	2 46.63	+22 8.2	1.516	2.469	8.6	15.7
10 28	2 35.50	+21 47.9	1.498	2.482	4.2	15.4
11 7	2 23.89	+21 15.2	1.508	2.494	3.1	15.4
11 17	2 13.20	+20 35.4	1.547	2.505	7.0	15.7
11 27	2 4.62	+19 55.6	1.612	2.516	11.2	15.9
12 7	1 58.87	+19 22.4	1.700	2.526	14.9	16.2

272357 2005 ST_{165} 11 2.1 6°.16 5°.2/31.1 18

9 28	2 52.18	+ 5 8.1	0.923	1.818	20.1	19.0
10 8	2 49.33	+ 4 55.8	0.875	1.817	15.2	18.7
10 18	2 43.01	+ 4 44.8	0.846	1.819	9.9	18.5
10 28	2 34.35	+ 4 42.1	0.837	1.823	5.6	18.3
11 7	2 25.03	+ 4 53.9	0.849	1.829	6.9	18.4
11 17	2 16.84	+ 5 24.0	0.884	1.837	11.8	18.7
11 27	2 11.29	+ 6 13.3	0.939	1.847	16.8	19.0
12 7	2 9.17	+ 7 19.9	1.011	1.860	21.0	19.3

221992 1997 LL_5 11 2.1 42°.10 5°.7/28.5 18

9 28	2 52.34	− 0 5.5	2.010	2.863	12.6	20.0
10 8	2 47.68	− 1 1.4	1.954	2.869	9.7	19.9
10 18	2 41.22	− 1 53.9	1.921	2.875	7.1	19.7
10 28	2 33.61	− 2 37.3	1.916	2.881	5.7	19.7
11 7	2 25.73	− 3 6.3	1.937	2.887	6.8	19.7
11 17	2 18.43	− 3 17.6	1.986	2.894	9.3	19.9
11 27	2 12.51	− 3 9.7	2.059	2.901	12.1	20.1
12 7	2 8.50	− 2 43.7	2.154	2.908	14.6	20.3

67682 2000 SQ_{295} 11 2.1 5°.70 3°.5/ 3.8 18

9 28	2 53.56	+21 46.6	0.987	1.854	21.4	18.0
10 8	2 50.62	+22 11.3	0.930	1.853	16.8	17.7
10 18	2 43.99	+22 15.4	0.890	1.853	11.3	17.4
10 28	2 34.73	+21 58.3	0.870	1.856	5.7	17.1
11 7	2 24.62	+21 23.7	0.872	1.859	4.1	17.0
11 17	2 15.59	+20 39.5	0.897	1.864	9.2	17.3
11 27	2 9.34	+19 56.3	0.944	1.871	14.7	17.7
12 7	2 6.79	+19 23.3	1.009	1.878	19.4	18.0

400492 2008 JG_4 11 2.1 58°.02 3°.6/30.1 18

9 28	2 53.31	+ 7 3.4	1.926	2.778	13.1	20.7
10 8	2 48.30	+ 6 4.0	1.884	2.805	9.7	20.5
10 18	2 41.51	+ 5 2.9	1.867	2.832	6.2	20.4
10 28	2 33.68	+ 4 5.6	1.877	2.859	3.7	20.3
11 7	2 25.72	+ 3 17.6	1.915	2.886	4.8	20.4
11 17	2 18.52	+ 2 43.0	1.981	2.913	7.9	20.7
11 27	2 12.80	+ 2 24.6	2.073	2.940	11.0	20.9
12 7	2 9.05	+ 2 22.8	2.188	2.967	13.6	21.1

332220 2006 GP_{48} 11 2.1 309°.95 1°.1/ 2.8 17

9 28	2 56.32	+17 32.2	2.318	3.138	12.3	20.5
10 8	2 50.72	+17 52.7	2.234	3.135	9.4	20.3
10 18	2 43.19	+18 6.0	2.174	3.132	6.0	20.1
10 28	2 34.33	+18 12.4	2.142	3.129	2.5	19.9
11 7	2 25.00	+18 13.3	2.139	3.126	1.9	19.9
11 17	2 16.09	+18 11.0	2.166	3.123	5.5	20.1
11 27	2 8.47	+18 8.8	2.222	3.120	8.9	20.3
12 7	2 2.78	+18 10.0	2.302	3.118	11.8	20.5

3953 Perth 11 2.1 19°.84 5°.5/30.4 18 A

9 28	2 52.92	+ 6 53.1	0.958	1.849	19.8	15.7
10 8	2 49.65	+ 5 57.7	0.915	1.856	14.9	15.5
10 18	2 43.06	+ 4 58.9	0.892	1.864	9.6	15.2
10 28	2 34.33	+ 4 6.3	0.889	1.874	5.7	15.1
11 7	2 25.13	+ 3 29.6	0.909	1.885	7.3	15.2
11 17	2 17.13	+ 3 15.3	0.951	1.898	12.1	15.5
11 27	2 11.72	+ 3 26.5	1.013	1.912	16.8	15.8
12 7	2 9.57	+ 4 1.8	1.093	1.927	20.8	16.1

57697 2001 UJ_{83} 11 2.1 102°.59 1°.3/ 1.0 18

9 28	2 53.95	+12 59.3	2.028	2.869	13.0	19.8
10 8	2 48.96	+12 26.0	1.960	2.875	9.7	19.6
10 18	2 42.06	+11 45.7	1.916	2.882	5.9	19.4
10 28	2 33.93	+11 2.0	1.899	2.889	2.1	19.1
11 7	2 25.47	+10 19.2	1.911	2.895	2.8	19.2
11 17	2 17.60	+ 9 42.1	1.952	2.902	6.6	19.5
11 27	2 11.17	+ 9 14.8	2.020	2.908	10.2	19.7
12 7	2 6.74	+ 9 0.0	2.111	2.914	13.2	19.9

488296 2016 UT_{35} 11 2.1 350°.05 4°.5/ 4.1 18

9 28	3 1.52	+22 46.3	1.526	2.347	17.5	20.1
10 8	2 55.79	+23 52.4	1.449	2.344	13.9	19.8
10 18	2 46.92	+24 46.2	1.393	2.341	9.7	19.6
10 28	2 35.74	+25 24.2	1.362	2.339	5.8	19.4
11 7	2 23.62	+25 45.1	1.357	2.337	4.7	19.3
11 17	2 12.14	+25 50.9	1.379	2.336	8.0	19.5
11 27	2 2.80	+25 47.2	1.427	2.335	12.2	19.7
12 7	1 56.58	+25 41.1	1.497	2.335	16.0	20.0

351171 2004 BX_{22} 11 2.1 283°.15 4°.1/30.1 18

9 28	2 53.95	+ 5 54.2	1.855	2.709	13.4	20.9
10 8	2 49.31	+ 5 6.4	1.772	2.692	10.2	20.6
10 18	2 42.48	+ 4 15.7	1.712	2.676	6.7	20.4
10 28	2 34.14	+ 3 27.4	1.678	2.659	4.2	20.2
11 7	2 25.22	+ 2 47.5	1.672	2.643	5.5	20.3
11 17	2 16.76	+ 2 21.2	1.694	2.626	8.9	20.4
11 27	2 9.77	+ 2 12.0	1.741	2.610	12.6	20.6
12 7	2 4.95	+ 2 21.3	1.809	2.593	15.8	20.8

29760 Milevsko 11 2.1 247°.32 0°.8/ 2.7 18

9 28	2 54.96	+18 35.6	2.102	2.927	13.2	18.9
10 8	2 49.90	+18 23.3	2.014	2.918	10.1	18.7
10 18	2 42.78	+18 0.3	1.949	2.908	6.5	18.5
10 28	2 34.22	+17 28.1	1.911	2.899	2.5	18.2
11 7	2 25.15	+16 49.8	1.901	2.889	2.0	18.1
11 17	2 16.53	+16 9.8	1.921	2.879	6.0	18.4
11 27	2 9.31	+15 33.2	1.968	2.868	9.8	18.6
12 7	2 4.16	+15 4.7	2.040	2.858	13.1	18.8

77517 2001 HS_{50} 11 2.1 105°.95 2°.4/ 4.3 18

9 28	2 56.59	+25 13.8	2.089	2.889	14.1	19.4
10 8	2 50.89	+24 44.8	2.024	2.909	11.0	19.2
10 18	2 43.19	+23 59.7	1.982	2.929	7.4	19.1
10 28	2 34.29	+23 0.2	1.968	2.948	3.8	18.9
11 7	2 25.17	+21 50.3	1.982	2.967	2.6	18.8
11 17	2 16.79	+20 35.9	2.026	2.985	5.6	19.1
11 27	2 10.01	+19 24.0	2.098	3.002	9.0	19.3
12 7	2 5.37	+18 20.4	2.196	3.019	12.1	19.5

401178 2011 WF_{97} 11 2.1 242°.16 0°.7/ 2.6 18

9 28	2 53.98	+19 6.5	2.188	3.011	12.8	21.7
10 8	2 49.08	+18 41.8	2.098	3.001	9.8	21.5
10 18	2 42.22	+18 5.5	2.031	2.991	6.2	21.3
10 28	2 34.02	+17 19.6	1.992	2.980	2.4	21.0
11 7	2 25.35	+16 27.7	1.982	2.970	1.9	21.0
11 17	2 17.13	+15 34.6	2.002	2.959	5.8	21.2
11 27	2 10.24	+14 45.8	2.049	2.948	9.5	21.4
12 7	2 5.32	+14 6.0	2.121	2.936	12.7	21.6

107478 2001 DX_{34} 11 2.1 157°.51 3°.8/30.5 18

9 28	2 57.28	+ 8 12.3	1.614	2.467	15.1	19.9
10 8	2 51.86	+ 7 14.3	1.550	2.471	11.3	19.7
10 18	2 44.04	+ 6 11.2	1.509	2.475	7.2	19.5
10 28	2 34.65	+ 5 9.5	1.494	2.478	4.0	19.3
11 7	2 24.83	+ 4 16.0	1.507	2.481	5.3	19.4
11 17	2 15.78	+ 3 36.9	1.547	2.484	9.2	19.6
11 27	2 8.56	+ 3 16.3	1.612	2.486	13.1	19.9
12 7	2 3.82	+ 3 15.5	1.698	2.488	16.5	20.1

517555 2014 SD_{355} 11 2.1 323°.04 1°.5/ 3.4 17

9 28	2 51.24	+21 17.0	2.091	2.915	13.3	21.3
10 8	2 47.16	+21 1.2	2.002	2.904	10.3	21.1
10 18	2 41.10	+20 32.6	1.936	2.893	6.7	20.8
10 28	2 33.66	+19 52.2	1.896	2.882	3.0	20.6
11 7	2 25.73	+19 3.6	1.885	2.872	2.1	20.5
11 17	2 18.25	+18 11.4	1.902	2.862	5.8	20.7
11 27	2 12.13	+17 21.3	1.946	2.853	9.5	20.9
12 7	2 8.00	+16 38.8	2.015	2.844	12.8	21.1

339066 2004 PR_{68} 11 2.1 12°.39 9°.5/25.9 18

9 28	2 50.98	− 1 38.5	1.309	2.185	16.5	20.1
10 8	2 47.50	− 3 44.4	1.262	2.187	13.1	19.9
10 18	2 41.46	− 5 45.7	1.238	2.190	10.3	19.7
10 28	2 33.78	− 7 29.4	1.238	2.193	9.5	19.7
11 7	2 25.69	− 8 44.9	1.261	2.197	11.3	19.8
11 17	2 18.46	− 9 25.5	1.307	2.201	14.3	20.0
11 27	2 13.16	− 9 30.1	1.374	2.207	17.5	20.2
12 7	2 10.45	− 9 2.3	1.458	2.212	20.3	20.5

111479 2001 YT_{21} 11 2.1 39°.24 0°.2/ 1.9 18

9 28	2 54.49	+15 36.9	1.814	2.655	14.3	19.4
10 8	2 49.64	+15 22.5	1.747	2.661	10.7	19.2
10 18	2 42.62	+14 58.9	1.701	2.666	6.7	19.0
10 28	2 34.16	+14 28.6	1.682	2.672	2.2	18.7
11 7	2 25.30	+13 55.8	1.691	2.678	2.3	18.7
11 17	2 17.09	+13 25.1	1.728	2.685	6.6	19.0
11 27	2 10.49	+13 1.2	1.792	2.691	10.6	19.3
12 7	2 6.14	+12 47.8	1.878	2.698	13.9	19.5

329887 2005 EL_{184} 11 2.1 213°.88 1°.0/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 59.70	+18 27.0	1.653	2.484	15.9	21.0
10 8	2 53.98	+18 23.3	1.572	2.479	12.2	20.8
10 18	2 45.56	+18 7.2	1.513	2.474	7.8	20.5
10 28	2 35.24	+17 39.8	1.480	2.468	3.1	20.2
11 7	2 24.23	+17 4.5	1.475	2.462	2.4	20.2
11 17	2 13.87	+16 26.6	1.497	2.456	7.2	20.5
11 27	2 5.41	+15 52.6	1.546	2.449	11.8	20.7
12 7	1 59.65	+15 28.2	1.618	2.442	15.6	20.9

517900 2015 TQ_{90} 11 2.1 61°.00 0°.2/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.85	+15 25.4	2.011	2.842	13.4	20.7
10 8	2 51.22	+15 35.5	1.942	2.851	10.1	20.5
10 18	2 43.52	+15 38.3	1.897	2.860	6.3	20.3
10 28	2 34.47	+15 35.3	1.879	2.868	2.2	20.0
11 7	2 25.02	+15 28.6	1.890	2.877	2.0	20.0
11 17	2 16.18	+15 21.5	1.930	2.886	6.1	20.3
11 27	2 8.86	+15 17.4	1.997	2.896	9.7	20.5
12 7	2 3.68	+15 19.6	2.089	2.905	12.9	20.8

156259 2001 VY_{18} 11 2.1 28°.38 0°.0/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.34	+16 59.6	1.123	1.990	19.3	19.6
10 8	2 50.47	+16 41.4	1.075	2.003	14.6	19.4
10 18	2 43.48	+16 8.3	1.047	2.016	9.1	19.1
10 28	2 34.50	+15 24.3	1.041	2.031	3.1	18.8
11 7	2 25.08	+14 36.1	1.059	2.047	2.9	18.9
11 17	2 16.81	+13 51.9	1.102	2.065	8.6	19.3
11 27	2 10.97	+13 19.0	1.168	2.082	13.6	19.6
12 7	2 8.24	+13 2.1	1.254	2.101	17.8	19.9

292326 2006 SU_{179} 11 2.1 154°.41 1°.0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.84	+18 31.3	1.956	2.783	13.9	20.9
10 8	2 50.63	+18 28.1	1.879	2.784	10.6	20.7
10 18	2 43.25	+18 14.3	1.825	2.785	6.8	20.4
10 28	2 34.41	+17 51.1	1.797	2.785	2.7	20.2
11 7	2 25.10	+17 21.7	1.798	2.786	2.1	20.1
11 17	2 16.36	+16 50.2	1.828	2.786	6.2	20.4
11 27	2 9.17	+16 21.8	1.885	2.787	10.0	20.6
12 7	2 4.18	+16 0.8	1.965	2.787	13.3	20.9

13570 1993 FH_{7} 11 2.1 85°.41 1°.8/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.73	+12 10.4	1.534	2.381	16.1	18.5
10 8	2 53.61	+11 40.0	1.485	2.403	12.0	18.3
10 18	2 45.04	+11 2.4	1.458	2.425	7.3	18.1
10 28	2 34.97	+10 22.0	1.458	2.447	2.7	17.9
11 7	2 24.67	+ 9 44.3	1.485	2.469	3.5	18.0
11 17	2 15.37	+ 9 14.7	1.540	2.490	8.0	18.3
11 27	2 8.09	+ 8 57.6	1.620	2.511	12.1	18.6
12 7	2 3.44	+ 8 55.1	1.723	2.531	15.5	18.8

80955 2000 DL_{101} 11 2.1 109°.88 1°.0/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.09	+13 27.1	1.601	2.445	15.7	20.0
10 8	2 53.29	+13 12.7	1.538	2.454	11.8	19.8
10 18	2 44.97	+12 50.3	1.496	2.463	7.3	19.6
10 28	2 35.00	+12 22.9	1.481	2.471	2.5	19.3
11 7	2 24.59	+11 55.0	1.494	2.480	2.9	19.3
11 17	2 14.99	+11 31.4	1.534	2.488	7.6	19.7
11 27	2 7.33	+11 17.1	1.600	2.496	11.9	19.9
12 7	2 2.27	+11 15.0	1.689	2.504	15.5	20.2

55373 2001 SE_{240} 11 2.1 197°.21 1°.5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.07	+12 48.2	1.937	2.775	13.6	20.1
10 8	2 51.50	+12 12.7	1.859	2.773	10.2	19.9
10 18	2 43.77	+11 29.4	1.804	2.770	6.3	19.7
10 28	2 34.59	+10 41.8	1.777	2.766	2.3	19.4
11 7	2 24.95	+ 9 54.9	1.779	2.762	3.1	19.5
11 17	2 15.89	+ 9 13.9	1.809	2.758	7.2	19.7
11 27	2 8.36	+ 8 43.6	1.867	2.753	11.0	19.9
12 7	2 3.03	+ 8 27.0	1.948	2.747	14.3	20.2

22473 Stanleyhey 11 2.1 51°.44 5°.6/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.84	+27 5.2	1.520	2.327	18.2	18.1
10 8	2 55.75	+28 0.6	1.464	2.346	14.6	17.9
10 18	2 46.67	+28 37.2	1.429	2.366	10.6	17.7
10 28	2 35.61	+28 52.1	1.418	2.386	6.9	17.6
11 7	2 24.02	+28 45.6	1.432	2.406	5.6	17.5
11 17	2 13.43	+28 22.0	1.474	2.427	7.9	17.7
11 27	2 5.14	+27 49.0	1.541	2.448	11.5	18.0
12 7	1 59.93	+27 15.0	1.630	2.469	14.8	18.3

249142 2008 AH_{35} 11 2.1 34°.62 7°.5/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.65	+35 47.7	1.769	2.534	17.6	20.0
10 8	2 51.84	+36 18.0	1.696	2.540	14.8	19.8
10 18	2 44.27	+36 24.3	1.642	2.546	11.8	19.6
10 28	2 34.81	+36 3.3	1.611	2.552	9.0	19.5
11 7	2 24.76	+35 15.6	1.604	2.559	7.5	19.4
11 17	2 15.51	+34 6.1	1.624	2.566	8.4	19.5
11 27	2 8.29	+32 43.5	1.670	2.573	11.0	19.7
12 7	2 3.87	+31 18.2	1.739	2.581	13.9	19.9

180383 2003 YJ_{146} 11 2.1 190°.99 0°.1/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.64	+15 55.7	1.922	2.748	14.2	20.3
10 8	2 54.28	+15 53.2	1.841	2.747	10.8	20.1
10 18	2 45.56	+15 42.0	1.783	2.745	6.8	19.9
10 28	2 35.23	+15 23.5	1.753	2.742	2.4	19.6
11 7	2 24.34	+15 0.7	1.752	2.739	2.2	19.6
11 17	2 14.05	+14 37.6	1.780	2.735	6.6	19.8
11 27	2 5.40	+14 18.9	1.836	2.731	10.7	20.1
12 7	1 59.13	+14 8.7	1.916	2.726	14.1	20.3

473659 2015 XM_{343} 11 2.1 9°.49 2°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.67	+23 51.0	2.020	2.836	13.9	20.6
10 8	2 47.47	+23 22.2	1.941	2.837	10.8	20.4
10 18	2 41.26	+22 37.4	1.886	2.838	7.3	20.2
10 28	2 33.73	+21 38.5	1.856	2.839	3.6	20.0
11 7	2 25.81	+20 29.6	1.855	2.841	2.4	19.9
11 17	2 18.48	+19 16.5	1.882	2.843	5.8	20.1
11 27	2 12.61	+18 6.2	1.937	2.845	9.4	20.3
12 7	2 8.80	+17 4.6	2.016	2.847	12.7	20.5

2563 Boyarchuk 11 2.1 259°.45 0°.8/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.98	+13 40.4	2.542	3.374	10.9	17.0
10 8	2 47.32	+13 14.7	2.451	3.362	8.2	16.8
10 18	2 41.03	+12 42.6	2.385	3.350	5.1	16.5
10 28	2 33.65	+12 6.5	2.347	3.337	1.7	16.3
11 7	2 25.87	+11 29.8	2.339	3.324	2.2	16.3
11 17	2 18.44	+10 56.1	2.361	3.312	5.6	16.5
11 27	2 12.09	+10 29.1	2.411	3.299	8.8	16.7
12 7	2 7.36	+10 11.5	2.486	3.285	11.6	16.9

259974 2004 FU_{31} 11 2.1 225°.59 10°.0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.71	−13 54.4	2.080	2.893	13.7	20.9
10 8	2 54.09	−15 1.4	2.013	2.881	11.8	20.7
10 18	2 45.33	−15 55.3	1.969	2.867	10.4	20.6
10 28	2 35.13	−16 28.4	1.951	2.853	10.1	20.6
11 7	2 24.48	−16 35.0	1.958	2.838	11.1	20.6
11 17	2 14.41	−16 12.7	1.991	2.822	12.9	20.7
11 27	2 5.86	−15 22.5	2.046	2.806	15.1	20.8
12 7	1 59.49	−14 8.4	2.121	2.788	17.1	21.0

226303 2003 BL_{77} 11 2.1 333°.50 0°.1/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.83	+14 57.1	1.232	2.096	18.1	20.2
10 8	2 51.09	+14 59.2	1.157	2.083	13.9	19.9
10 18	2 44.15	+14 50.7	1.102	2.071	8.7	19.6
10 28	2 34.88	+14 33.5	1.070	2.060	3.0	19.2
11 7	2 24.68	+14 12.3	1.062	2.050	3.0	19.2
11 17	2 15.17	+13 52.7	1.079	2.041	8.9	19.5
11 27	2 7.88	+13 41.5	1.119	2.032	14.2	19.8
12 7	2 3.81	+13 43.3	1.179	2.025	18.8	20.1

307469 2002 WP_{26} 11 2.1 111°.98 2°.6/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.19	+ 8 57.5	1.921	2.768	13.3	20.6
10 8	2 50.03	+ 8 28.2	1.852	2.771	10.0	20.4
10 18	2 42.81	+ 7 55.0	1.807	2.773	6.2	20.2
10 28	2 34.27	+ 7 22.1	1.789	2.776	3.0	20.0
11 7	2 25.34	+ 6 54.0	1.799	2.779	3.9	20.1
11 17	2 17.00	+ 6 34.7	1.838	2.781	7.5	20.3
11 27	2 10.17	+ 6 27.6	1.903	2.784	11.1	20.5
12 7	2 5.45	+ 6 34.1	1.991	2.786	14.2	20.7

145356 2005 MV_{23} 11 2.1 132°.62 4°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.94	+ 6 18.3	1.714	2.562	14.6	20.5
10 8	2 52.91	+ 5 33.0	1.656	2.574	11.0	20.3
10 18	2 44.60	+ 4 45.7	1.621	2.584	7.1	20.1
10 28	2 34.87	+ 4 2.0	1.612	2.595	4.2	20.0
11 7	2 24.80	+ 3 27.5	1.632	2.604	5.3	20.1
11 17	2 15.54	+ 3 6.9	1.680	2.614	8.9	20.3
11 27	2 8.05	+ 3 3.0	1.753	2.622	12.5	20.6
12 7	2 2.95	+ 3 16.3	1.848	2.631	15.6	20.8

199718 2006 HE_{83} 11 2.1 357°.20 0°.3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.66	+18 7.8	2.035	2.870	13.1	19.8
10 8	2 46.67	+17 37.8	1.958	2.868	9.9	19.6
10 18	2 40.75	+16 56.5	1.904	2.867	6.3	19.4
10 28	2 33.58	+16 6.6	1.877	2.866	2.2	19.1
11 7	2 26.01	+15 12.5	1.878	2.866	2.0	19.1
11 17	2 18.96	+14 19.3	1.907	2.866	6.0	19.4
11 27	2 13.28	+13 32.5	1.964	2.866	9.7	19.6
12 7	2 9.56	+12 56.4	2.045	2.867	12.9	19.8

272001 2005 CO_{49} 11 2.1 226°.56 0°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.54	+15 48.7	3.219	4.037	9.2	21.9
10 8	2 46.68	+15 24.5	3.122	4.025	6.9	21.7
10 18	2 40.51	+14 54.0	3.051	4.012	4.3	21.5
10 28	2 33.47	+14 18.9	3.009	3.999	1.5	21.3
11 7	2 26.12	+13 41.7	2.998	3.985	1.5	21.3
11 17	2 19.05	+13 5.4	3.019	3.971	4.4	21.5
11 27	2 12.83	+12 33.1	3.069	3.956	7.1	21.6
12 7	2 7.91	+12 7.3	3.145	3.941	9.5	21.8

186934 2004 PS_{103} 11 2.1 12°.44 3°.4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 44.61	+14 57.3	1.192	2.074	17.4	18.3
10 8	2 42.94	+12 49.9	1.145	2.083	12.8	18.0
10 18	2 38.71	+10 26.2	1.120	2.095	7.8	17.8
10 28	2 32.89	+ 7 58.4	1.120	2.109	3.6	17.6
11 7	2 26.76	+ 5 40.7	1.145	2.124	5.5	17.8
11 17	2 21.52	+ 3 45.7	1.195	2.142	10.2	18.1
11 27	2 18.19	+ 2 21.6	1.268	2.161	14.6	18.4
12 7	2 17.33	+ 1 30.2	1.361	2.182	18.2	18.7

211701 2003 WD_{153} 11 2.1 326°.28 6°.2/28.1 18

9 28	2 49.71	+ 5 25.8	1.464	2.337	15.3	19.8
10 8	2 46.58	+ 3 40.1	1.392	2.323	11.6	19.6
10 18	2 41.00	+ 1 47.9	1.343	2.309	8.0	19.3
10 28	2 33.73	− 0 0.8	1.320	2.295	6.2	19.2
11 7	2 25.88	− 1 34.9	1.322	2.283	8.0	19.3
11 17	2 18.63	− 2 45.5	1.349	2.270	11.8	19.4
11 27	2 13.09	− 3 26.9	1.399	2.259	15.6	19.7
12 7	2 10.01	− 3 38.3	1.468	2.249	19.0	19.9

518448 2004 YG_{27} 11 2.1 308°.64 2°.8/31.1 18

9 28	2 54.47	+ 6 56.0	2.153	2.997	12.2	20.8
10 8	2 49.38	+ 6 41.0	2.074	2.991	9.2	20.6
10 18	2 42.41	+ 6 24.6	2.020	2.985	5.8	20.4
10 28	2 34.17	+ 6 10.1	1.993	2.979	3.0	20.2
11 7	2 25.50	+ 6 1.1	1.996	2.973	3.9	20.2
11 17	2 17.29	+ 6 0.3	2.026	2.967	7.1	20.4
11 27	2 10.38	+ 6 10.3	2.084	2.961	10.4	20.6
12 7	2 5.37	+ 6 32.0	2.165	2.955	13.4	20.8

137711 1999 XJ_{96} 11 2.1 354°.45 2°.5/ 3.5 18

9 28	2 51.83	+21 45.5	1.088	1.951	20.2	18.3
10 8	2 49.12	+21 41.3	1.023	1.945	15.7	18.1
10 18	2 43.02	+21 15.7	0.976	1.940	10.5	17.8
10 28	2 34.51	+20 29.5	0.950	1.937	4.8	17.4
11 7	2 25.17	+19 28.5	0.947	1.935	3.3	17.3
11 17	2 16.75	+18 21.8	0.968	1.935	8.7	17.7
11 27	2 10.82	+17 20.7	1.011	1.935	14.2	18.0
12 7	2 8.28	+16 34.1	1.074	1.937	18.9	18.3

283875 2003 YS_{9} 11 2.1 4°.02 9°.1/ 8.7 16

9 28	2 50.12	+35 38.7	1.204	2.012	21.9	19.2
10 8	2 47.94	+36 12.2	1.139	2.011	18.6	19.0
10 18	2 42.33	+36 13.1	1.091	2.011	14.8	18.7
10 28	2 34.27	+35 36.9	1.062	2.013	11.2	18.5
11 7	2 25.42	+34 24.7	1.054	2.017	9.2	18.5
11 17	2 17.57	+32 44.4	1.069	2.023	10.2	18.5
11 27	2 12.30	+30 50.1	1.107	2.030	13.4	18.7
12 7	2 10.45	+28 56.7	1.166	2.038	17.1	19.0

357441 2004 BK_{98} 11 2.1 271°.17 4°.0/ 4.9 17

9 28	2 56.96	+26 16.2	1.993	2.792	14.7	22.2
10 8	2 51.78	+26 37.2	1.901	2.781	11.8	21.9
10 18	2 44.18	+26 43.3	1.830	2.769	8.5	21.7
10 28	2 34.86	+26 32.8	1.785	2.757	5.2	21.5
11 7	2 24.82	+26 6.8	1.767	2.745	4.1	21.4
11 17	2 15.24	+25 28.8	1.777	2.733	6.6	21.5
11 27	2 7.24	+24 44.9	1.815	2.721	10.1	21.7
12 7	2 1.61	+24 1.8	1.877	2.709	13.4	21.9

3377 Lodewijk 11 2.1 341°.87 0°.0/ 1.9 18

9 28	2 52.97	+16 40.5	1.920	2.759	13.7	17.0
10 8	2 48.52	+16 16.6	1.843	2.756	10.4	16.8
10 18	2 41.97	+15 42.3	1.789	2.754	6.5	16.6
10 28	2 34.04	+15 0.3	1.761	2.751	2.2	16.3
11 7	2 25.65	+14 14.9	1.762	2.749	2.2	16.3
11 17	2 17.82	+13 31.1	1.791	2.748	6.4	16.6
11 27	2 11.46	+12 54.2	1.846	2.746	10.3	16.8
12 7	2 7.22	+12 28.5	1.925	2.745	13.7	17.0

47873 2000 FV_{16} 11 2.1 301°.64 5°.0/28.7 18

9 28	2 51.64	+ 0 54.6	2.262	3.111	11.5	19.1
10 8	2 47.13	+ 0 3.0	2.192	3.106	8.9	19.0
10 18	2 40.94	− 0 46.8	2.147	3.102	6.3	18.8
10 28	2 33.65	− 1 29.6	2.129	3.097	5.0	18.7
11 7	2 26.03	− 2 0.8	2.139	3.092	6.0	18.8
11 17	2 18.86	− 2 16.9	2.177	3.088	8.5	18.9
11 27	2 12.89	− 2 15.9	2.241	3.084	11.2	19.1
12 7	2 8.64	− 1 57.9	2.326	3.079	13.6	19.3

171675 2000 QN_{58} 11 2.1 37°.54 2°.8/ 3.3 18

9 28	3 1.05	+19 10.7	0.980	1.842	21.9	19.1
10 8	2 55.99	+19 52.2	0.938	1.859	16.8	18.9
10 18	2 47.15	+20 17.1	0.913	1.878	11.0	18.7
10 28	2 35.85	+20 24.5	0.910	1.897	5.0	18.4
11 7	2 24.03	+20 17.3	0.930	1.917	3.7	18.4
11 17	2 13.68	+20 1.7	0.974	1.939	9.0	18.8
11 27	2 6.36	+19 46.2	1.040	1.961	14.3	19.2
12 7	2 2.83	+19 37.8	1.126	1.983	18.7	19.5

287429 2002 WL_{25} 11 2.1 38°.04 0°.0/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 56.70	+15 32.0	1.783	2.621	14.6	20.4
10 8	2 51.43	+15 32.5	1.711	2.624	11.0	20.1
10 18	2 43.84	+15 24.5	1.662	2.626	6.9	19.9
10 28	2 34.69	+15 9.7	1.640	2.629	2.4	19.6
11 7	2 25.05	+14 51.3	1.645	2.632	2.2	19.6
11 17	2 16.05	+14 33.4	1.678	2.636	6.7	19.9
11 27	2 8.72	+14 20.5	1.738	2.639	10.8	20.2
12 7	2 3.76	+14 16.2	1.821	2.642	14.3	20.4

14373 1989 LT 11 2.1 142°.37 0°.6/ 2.6 18

9 28	2 58.61	+18 18.8	1.846	2.672	14.7	18.3
10 8	2 52.74	+18 2.3	1.777	2.681	11.1	18.1
10 18	2 44.57	+17 34.0	1.729	2.690	7.1	17.9
10 28	2 34.92	+16 56.0	1.709	2.698	2.6	17.6
11 7	2 24.86	+16 12.4	1.717	2.705	2.1	17.6
11 17	2 15.51	+15 28.3	1.755	2.712	6.5	17.9
11 27	2 7.89	+14 49.6	1.819	2.718	10.5	18.1
12 7	2 2.64	+14 20.9	1.908	2.724	13.9	18.4

488273 2016 TW_{12} 11 2.1 348°.41 5°.0/ 4.8 17

9 28	2 49.64	+24 54.1	1.088	1.945	20.6	20.3
10 8	2 47.69	+25 23.1	1.017	1.932	16.5	20.1
10 18	2 42.29	+25 29.7	0.964	1.920	11.7	19.8
10 28	2 34.33	+25 11.5	0.930	1.911	6.9	19.5
11 7	2 25.33	+24 30.9	0.919	1.903	5.2	19.3
11 17	2 17.12	+23 34.8	0.930	1.897	9.0	19.5
11 27	2 11.39	+22 34.5	0.964	1.893	14.1	19.8
12 7	2 9.17	+21 41.0	1.016	1.890	18.8	20.1

180806 2005 EB_{151} 11 2.1 101°.70 3°.2/31.0 16

9 28	2 58.37	+ 9 59.7	1.516	2.369	15.9	21.2
10 8	2 52.70	+ 9 3.3	1.463	2.385	11.9	21.0
10 18	2 44.55	+ 8 0.8	1.434	2.401	7.4	20.8
10 28	2 34.89	+ 6 58.4	1.430	2.416	3.6	20.6
11 7	2 24.94	+ 6 3.2	1.453	2.432	4.8	20.8
11 17	2 15.93	+ 5 21.5	1.504	2.446	8.9	21.0
11 27	2 8.90	+ 4 57.5	1.580	2.461	12.9	21.3
12 7	2 4.45	+ 4 52.6	1.677	2.475	16.3	21.6

158564 2002 JW_{89} 11 2.1 272°.75 1°.1/ 1.4 17

9 28	2 56.03	+11 35.1	2.215	3.050	12.2	20.6
10 8	2 50.60	+11 35.2	2.128	3.040	9.2	20.4
10 18	2 43.21	+11 31.3	2.066	3.031	5.7	20.1
10 28	2 34.47	+11 25.1	2.031	3.021	2.0	19.9
11 7	2 25.24	+11 19.3	2.026	3.011	2.5	19.9
11 17	2 16.41	+11 16.7	2.051	3.002	6.2	20.1
11 27	2 8.88	+11 20.3	2.103	2.992	9.8	20.3
12 7	2 3.28	+11 32.1	2.179	2.982	12.9	20.5

303479 2005 EV_{28} 11 2.1 161°.34 2°.5/ 4.1 18

9 28	2 58.85	+23 19.0	2.346	3.143	12.9	21.2
10 8	2 52.62	+23 32.8	2.266	3.149	10.1	21.0
10 18	2 44.41	+23 34.7	2.209	3.154	6.9	20.8
10 28	2 34.87	+23 24.8	2.180	3.159	3.7	20.6
11 7	2 24.89	+23 4.4	2.180	3.163	2.8	20.6
11 17	2 15.43	+22 36.7	2.210	3.166	5.5	20.8
11 27	2 7.38	+22 6.4	2.270	3.170	8.7	21.0
12 7	2 1.36	+21 38.4	2.355	3.172	11.5	21.2

168579 1999 XG_{182} 11 2.1 318°.82 0°.7/ 1.8 18

9 28	2 59.66	+11 44.5	1.546	2.394	16.0	19.2
10 8	2 54.23	+12 11.8	1.462	2.380	12.2	18.9
10 18	2 45.94	+12 35.7	1.400	2.366	7.6	18.6
10 28	2 35.52	+12 57.2	1.363	2.353	2.6	18.3
11 7	2 24.20	+13 18.1	1.353	2.340	2.8	18.3
11 17	2 13.40	+13 40.7	1.371	2.328	8.0	18.6
11 27	2 4.49	+14 8.0	1.414	2.316	12.7	18.8
12 7	1 58.40	+14 42.6	1.480	2.305	16.8	19.1

81687 2000 JU_{9} 11 2.1 140°.91 5°.0/29.2 18

9 28	2 55.10	+ 1 19.5	2.128	2.974	12.3	20.1
10 8	2 49.71	+ 0 31.6	2.067	2.980	9.4	20.0
10 18	2 42.52	− 0 14.2	2.031	2.986	6.6	19.8
10 28	2 34.19	− 0 52.6	2.022	2.992	5.0	19.7
11 7	2 25.58	− 1 19.0	2.041	2.998	6.0	19.8
11 17	2 17.54	− 1 30.2	2.089	3.003	8.6	20.0
11 27	2 10.87	− 1 24.4	2.162	3.008	11.4	20.2
12 7	2 6.09	− 1 2.1	2.257	3.012	13.9	20.4

96547 1998 SB_{57} 11 2.1 95°.75 4°.5/ 5.9 18

9 28	2 59.54	+29 43.7	2.459	3.225	13.2	20.0
10 8	2 53.08	+30 17.0	2.392	3.246	10.7	19.8
10 18	2 44.64	+30 35.5	2.348	3.267	8.0	19.7
10 28	2 34.93	+30 37.9	2.330	3.287	5.5	19.6
11 7	2 24.87	+30 24.8	2.341	3.307	4.5	19.5
11 17	2 15.41	+29 59.1	2.381	3.327	5.9	19.7
11 27	2 7.42	+29 25.5	2.451	3.346	8.3	19.8
12 7	2 1.50	+28 49.7	2.545	3.365	10.7	20.0

477602 2010 KJ_{36} 11 2.1 189°.21 3°.4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 53.97	+ 7 37.5	2.293	3.135	11.6	22.1
10 8	2 48.83	+ 6 25.9	2.219	3.134	8.7	21.9
10 18	2 41.98	+ 5 10.1	2.170	3.133	5.6	21.7
10 28	2 34.02	+ 3 55.2	2.150	3.131	3.5	21.6
11 7	2 25.73	+ 2 47.1	2.159	3.128	4.6	21.6
11 17	2 17.93	+ 1 50.9	2.198	3.125	7.6	21.8
11 27	2 11.38	+ 1 10.4	2.265	3.121	10.6	22.0
12 7	2 6.60	+ 0 47.2	2.354	3.117	13.2	22.2

395210 2010 JR_{33} 11 2.1 214°.27 5°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.44	+ 0 52.2	1.995	2.845	12.8	21.1
10 8	2 49.43	− 0 16.9	1.926	2.840	9.9	20.9
10 18	2 42.46	− 1 24.7	1.882	2.836	7.1	20.8
10 28	2 34.20	− 2 24.6	1.864	2.830	5.8	20.7
11 7	2 25.56	− 3 10.5	1.875	2.825	7.0	20.7
11 17	2 17.45	− 3 37.9	1.912	2.819	9.7	20.9
11 27	2 10.74	− 3 44.5	1.975	2.813	12.7	21.1
12 7	2 6.03	− 3 30.5	2.059	2.807	15.3	21.3

410164 2007 LT_{14} 11 2.1 93°.62 0°.0/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.39	+17 4.0	2.452	3.277	11.5	21.4
10 8	2 47.52	+16 28.8	2.387	3.293	8.6	21.3
10 18	2 41.08	+15 45.0	2.346	3.309	5.3	21.1
10 28	2 33.69	+14 55.3	2.334	3.324	1.8	20.9
11 7	2 26.08	+14 3.6	2.352	3.339	1.8	20.9
11 17	2 19.01	+13 14.1	2.400	3.354	5.2	21.2
11 27	2 13.14	+12 31.0	2.476	3.369	8.3	21.4
12 7	2 8.94	+11 57.4	2.577	3.384	11.0	21.6

334547 2002 SV_{19} 11 2.1 288°.41 14°.8/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.39	+33 26.9	1.066	1.857	25.3	19.7
10 8	3 10.80	+36 42.7	0.995	1.851	21.9	19.5
10 18	2 58.30	+39 43.9	0.942	1.845	18.4	19.2
10 28	2 40.39	+42 10.9	0.909	1.839	15.6	19.1
11 7	2 19.26	+43 46.1	0.898	1.833	14.8	19.0
11 17	1 58.47	+44 23.0	0.910	1.827	16.6	19.1
11 27	1 41.71	+44 11.8	0.943	1.821	19.8	19.3
12 7	1 31.17	+43 32.9	0.992	1.816	23.3	19.5

478553 2012 TX_{36} 11 2.1 320°.91 3°.6/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.39	+23 34.5	1.511	2.337	17.3	21.0
10 8	2 52.65	+23 56.1	1.432	2.331	13.7	20.7
10 18	2 44.98	+24 1.2	1.373	2.325	9.5	20.4
10 28	2 35.20	+23 48.6	1.339	2.319	5.2	20.2
11 7	2 24.60	+23 20.1	1.330	2.314	3.9	20.1
11 17	2 14.68	+22 40.7	1.348	2.309	7.6	20.3
11 27	2 6.80	+21 58.0	1.391	2.304	12.0	20.6
12 7	2 1.86	+21 20.1	1.456	2.299	16.0	20.8

493583 2015 LZ_{36} 11 2.1 184°.37 1°.0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.42	+14 23.6	1.919	2.754	13.8	22.2
10 8	2 51.81	+13 48.9	1.843	2.755	10.4	22.0
10 18	2 44.01	+13 5.1	1.790	2.755	6.4	21.8
10 28	2 34.77	+12 15.5	1.764	2.754	2.2	21.5
11 7	2 25.08	+11 25.0	1.767	2.753	2.7	21.5
11 17	2 15.99	+10 39.0	1.800	2.751	6.9	21.8
11 27	2 8.48	+10 2.7	1.859	2.748	10.9	22.0
12 7	2 3.21	+ 9 39.6	1.942	2.745	14.2	22.2

288874 2004 RJ_{235} 11 2.1 110°.45 0°.4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.66	+16 59.4	2.318	3.146	12.0	20.7
10 8	2 47.81	+16 8.1	2.250	3.158	9.0	20.6
10 18	2 41.31	+15 7.2	2.206	3.170	5.5	20.4
10 28	2 33.79	+13 59.9	2.191	3.181	1.8	20.1
11 7	2 26.03	+12 51.2	2.206	3.193	2.0	20.2
11 17	2 18.83	+11 46.1	2.251	3.204	5.6	20.4
11 27	2 12.90	+10 49.7	2.324	3.214	8.9	20.7
12 7	2 8.73	+10 5.4	2.422	3.225	11.7	20.9

209325 2004 BB_{84} 11 2.1 70°.04 1°.6/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.13	+21 0.3	1.845	2.670	14.7	20.5
10 8	2 50.24	+20 47.3	1.771	2.674	11.3	20.3
10 18	2 43.10	+20 20.5	1.720	2.677	7.4	20.1
10 28	2 34.47	+19 41.4	1.695	2.681	3.3	19.8
11 7	2 25.39	+18 53.8	1.698	2.685	2.3	19.8
11 17	2 16.95	+18 2.9	1.729	2.689	6.3	20.0
11 27	2 10.17	+17 15.3	1.787	2.693	10.2	20.3
12 7	2 5.68	+16 36.2	1.869	2.697	13.6	20.5

344695 2003 SY_{382} 11 2.1 227°.63 2°.1/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.17	+10 56.4	2.125	2.965	12.5	21.4
10 8	2 49.99	+10 12.6	2.040	2.955	9.4	21.2
10 18	2 42.86	+ 9 22.5	1.979	2.945	5.8	21.0
10 28	2 34.39	+ 8 29.8	1.946	2.934	2.6	20.8
11 7	2 25.45	+ 7 39.6	1.942	2.922	3.5	20.8
11 17	2 16.96	+ 6 56.8	1.968	2.911	7.1	21.0
11 27	2 9.82	+ 6 25.7	2.020	2.898	10.7	21.2
12 7	2 4.64	+ 6 9.2	2.096	2.885	13.8	21.4

40181 1998 RN_{50} 11 2.1 96°.67 0°.5/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 53.67	+15 0.9	2.298	3.129	12.0	19.5
10 8	2 48.59	+14 36.4	2.231	3.141	9.0	19.3
10 18	2 41.82	+14 4.6	2.190	3.153	5.5	19.1
10 28	2 33.98	+13 28.2	2.176	3.166	1.8	18.9
11 7	2 25.88	+12 50.6	2.191	3.178	2.0	19.0
11 17	2 18.32	+12 15.8	2.236	3.190	5.6	19.2
11 27	2 12.05	+11 47.7	2.309	3.201	8.9	19.4
12 7	2 7.58	+11 29.2	2.407	3.213	11.7	19.7

458521 2011 CZ_{72} 11 2.1 298°.07 6°.2/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.85	+32 14.2	2.212	2.977	14.5	21.1
10 8	2 52.49	+33 5.0	2.115	2.963	12.1	20.9
10 18	2 44.70	+33 40.1	2.040	2.949	9.5	20.7
10 28	2 35.11	+33 56.2	1.989	2.936	7.2	20.6
11 7	2 24.71	+33 52.3	1.965	2.922	6.2	20.5
11 17	2 14.66	+33 29.9	1.969	2.909	7.4	20.5
11 27	2 6.11	+32 54.2	2.000	2.896	9.9	20.7
12 7	1 59.91	+32 12.1	2.056	2.883	12.6	20.8

206081 2002 RQ_{72} 11 2.1 177°.84 4°.6/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.00	+ 3 43.6	2.157	3.004	12.1	20.7
10 8	2 48.93	+ 2 34.7	2.090	3.005	9.2	20.5
10 18	2 42.08	+ 1 25.0	2.048	3.006	6.3	20.3
10 28	2 34.09	+ 0 20.3	2.033	3.007	4.6	20.2
11 7	2 25.78	− 0 33.8	2.048	3.007	5.8	20.3
11 17	2 18.00	− 1 12.6	2.091	3.007	8.5	20.5
11 27	2 11.52	− 1 33.3	2.160	3.006	11.4	20.7
12 7	2 6.90	− 1 35.4	2.251	3.005	14.0	20.8

387909 2004 XK_{49} 11 2.1 359°.09 7°.0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.92	+ 2 11.8	1.151	2.034	17.8	19.3
10 8	2 48.69	+ 1 20.3	1.097	2.030	13.7	19.0
10 18	2 42.50	+ 0 31.3	1.062	2.027	9.6	18.8
10 28	2 34.33	− 0 6.4	1.049	2.026	7.1	18.7
11 7	2 25.56	− 0 24.5	1.060	2.026	8.5	18.7
11 17	2 17.68	− 0 18.0	1.093	2.028	12.4	19.0
11 27	2 11.98	+ 0 14.4	1.148	2.031	16.6	19.2
12 7	2 9.23	+ 1 10.4	1.221	2.036	20.2	19.5

373203 2012 DS_{86} 11 2.1 174°.71 1°.7/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.36	+20 17.4	1.588	2.416	16.6	21.7
10 8	2 54.56	+20 13.8	1.514	2.418	12.8	21.5
10 18	2 45.99	+19 55.5	1.461	2.419	8.4	21.2
10 28	2 35.52	+19 23.5	1.434	2.420	3.6	20.9
11 7	2 24.42	+18 41.4	1.433	2.421	2.6	20.9
11 17	2 14.09	+17 55.0	1.461	2.421	7.2	21.2
11 27	2 5.78	+17 11.7	1.515	2.421	11.8	21.4
12 7	2 0.27	+16 37.9	1.592	2.420	15.6	21.7

343697 2011 DO_{21} 11 2.1 248°.91 3°.1/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.86	+24 38.1	1.972	2.772	14.8	21.2
10 8	2 54.08	+24 42.0	1.868	2.752	11.8	21.0
10 18	2 45.73	+24 30.5	1.786	2.731	8.2	20.7
10 28	2 35.48	+24 2.6	1.730	2.709	4.6	20.5
11 7	2 24.38	+23 19.8	1.703	2.686	3.4	20.3
11 17	2 13.67	+22 26.4	1.705	2.662	6.6	20.5
11 27	2 4.56	+21 29.5	1.734	2.638	10.6	20.7
12 7	1 57.92	+20 36.4	1.788	2.612	14.3	20.9

512346 2016 NW_{1} 11 2.1 51°.42 5°.9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.72	+ 3 44.4	1.269	2.138	17.5	20.2
10 8	2 52.60	+ 2 54.4	1.223	2.150	13.2	20.0
10 18	2 44.68	+ 2 5.6	1.198	2.162	8.9	19.8
10 28	2 35.01	+ 1 25.9	1.196	2.175	6.0	19.6
11 7	2 24.99	+ 1 2.1	1.220	2.189	7.3	19.8
11 17	2 16.02	+ 0 58.9	1.269	2.202	11.1	20.0
11 27	2 9.28	+ 1 17.9	1.340	2.216	15.1	20.3
12 7	2 5.41	+ 1 57.3	1.431	2.231	18.5	20.6

66475 1999 RH_{26} 11 2.1 79°.69 7°.1/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.03	+ 0 26.0	1.663	2.523	14.4	18.5
10 8	2 49.24	− 1 18.6	1.620	2.538	11.2	18.4
10 18	2 42.34	− 3 0.0	1.600	2.553	8.3	18.2
10 28	2 34.17	− 4 29.1	1.607	2.568	7.1	18.2
11 7	2 25.77	− 5 37.9	1.640	2.583	8.5	18.3
11 17	2 18.17	− 6 21.2	1.699	2.598	11.3	18.5
11 27	2 12.25	− 6 37.5	1.781	2.612	14.2	18.7
12 7	2 8.54	− 6 28.4	1.883	2.627	16.7	19.0

74333 1998 VD_{11} 11 2.1 338°.21 0°.5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.51	+14 36.3	1.432	2.290	16.4	18.9
10 8	2 49.69	+14 30.6	1.355	2.278	12.5	18.6
10 18	2 43.12	+14 15.2	1.299	2.267	7.8	18.3
10 28	2 34.58	+13 52.6	1.266	2.257	2.7	18.0
11 7	2 25.29	+13 27.3	1.260	2.247	2.8	18.0
11 17	2 16.61	+13 4.7	1.279	2.239	8.1	18.3
11 27	2 9.83	+12 50.5	1.323	2.232	12.9	18.5
12 7	2 5.82	+12 48.8	1.388	2.225	17.0	18.8

383560 2007 EZ_{72} 11 2.1 295°.64 2°.0/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.64	+19 39.8	1.487	2.325	17.0	21.0
10 8	2 53.04	+19 53.0	1.395	2.305	13.3	20.7
10 18	2 45.40	+19 53.0	1.324	2.284	8.8	20.4
10 28	2 35.44	+19 39.4	1.277	2.263	3.9	20.1
11 7	2 24.42	+19 14.5	1.256	2.243	2.9	19.9
11 17	2 13.86	+18 42.9	1.261	2.223	7.9	20.2
11 27	2 5.25	+18 12.0	1.291	2.202	12.9	20.4
12 7	1 59.63	+17 48.7	1.343	2.183	17.3	20.6

437159 2012 VO_{39} 11 2.1 70°.26 0°.5/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.75	+17 14.6	1.564	2.401	16.3	21.1
10 8	2 53.72	+17 7.2	1.515	2.426	12.3	20.9
10 18	2 45.20	+16 48.4	1.487	2.450	7.7	20.7
10 28	2 35.16	+16 20.5	1.485	2.475	2.8	20.4
11 7	2 24.87	+15 47.8	1.511	2.499	2.3	20.4
11 17	2 15.58	+15 15.6	1.565	2.523	7.0	20.8
11 27	2 8.32	+14 49.7	1.644	2.547	11.2	21.1
12 7	2 3.69	+14 33.9	1.747	2.571	14.6	21.4

90497 2004 DH_{59} 11 2.1 144°.57 2°.6/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.14	+ 9 26.0	1.993	2.840	12.9	20.1
10 8	2 49.22	+ 8 44.1	1.924	2.842	9.7	19.9
10 18	2 42.35	+ 7 57.5	1.878	2.844	6.0	19.7
10 28	2 34.21	+ 7 10.7	1.859	2.846	2.9	19.5
11 7	2 25.71	+ 6 28.6	1.870	2.848	3.9	19.6
11 17	2 17.77	+ 5 55.9	1.908	2.850	7.4	19.8
11 27	2 11.27	+ 5 36.2	1.973	2.851	10.9	20.0
12 7	2 6.77	+ 5 31.3	2.061	2.853	13.9	20.2

335004 2004 GL_{64} 11 2.1 168°.46 2°.4/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.85	+21 31.4	1.679	2.500	16.1	21.3
10 8	2 54.11	+21 42.1	1.604	2.502	12.5	21.1
10 18	2 45.69	+21 38.6	1.550	2.504	8.4	20.8
10 28	2 35.43	+21 21.0	1.521	2.505	4.0	20.6
11 7	2 24.54	+20 51.7	1.520	2.506	2.9	20.5
11 17	2 14.37	+20 15.5	1.547	2.507	6.9	20.8
11 27	2 6.11	+19 39.0	1.601	2.508	11.2	21.0
12 7	2 0.54	+19 8.7	1.678	2.508	14.9	21.2

403175 2008 GF_{146} 11 2.1 91°.90 4°.5/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.56	+ 1 46.3	2.308	3.150	11.5	20.7
10 8	2 49.09	+ 1 1.9	2.259	3.171	8.8	20.6
10 18	2 42.04	+ 0 19.7	2.236	3.191	6.1	20.4
10 28	2 34.05	− 0 15.7	2.241	3.212	4.5	20.4
11 7	2 25.91	− 0 40.3	2.274	3.232	5.4	20.5
11 17	2 18.37	− 0 51.4	2.336	3.251	7.8	20.7
11 27	2 12.11	− 0 47.7	2.425	3.271	10.4	20.9
12 7	2 7.59	− 0 29.4	2.536	3.290	12.6	21.1

75880 2000 CP_{29} 11 2.1 228°.14 2°.1/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.30	+10 52.6	2.205	3.044	12.1	19.6
10 8	2 49.28	+10 7.6	2.120	3.035	9.1	19.4
10 18	2 42.39	+ 9 16.5	2.060	3.025	5.7	19.1
10 28	2 34.25	+ 8 23.1	2.028	3.015	2.5	18.9
11 7	2 25.67	+ 7 32.2	2.025	3.005	3.4	19.0
11 17	2 17.54	+ 6 48.6	2.052	2.994	6.9	19.2
11 27	2 10.67	+ 6 16.6	2.106	2.983	10.3	19.4
12 7	2 5.69	+ 5 58.7	2.183	2.971	13.3	19.5

331560 2001 HB_{40} 11 2.1 144°.22 1°.1/ 1.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.35	+15 57.1	1.854	2.688	14.3	22.3
10 8	2 51.69	+14 52.7	1.787	2.699	10.7	22.1
10 18	2 43.88	+13 36.5	1.744	2.709	6.6	21.9
10 28	2 34.73	+12 13.3	1.728	2.718	2.2	21.6
11 7	2 25.28	+10 49.9	1.742	2.727	2.9	21.7
11 17	2 16.57	+ 9 33.4	1.786	2.735	7.1	22.0
11 27	2 9.53	+ 8 30.1	1.856	2.743	11.0	22.2
12 7	2 4.74	+ 7 43.9	1.950	2.750	14.3	22.5

81520 2000 HY_{6} 11 2.1 298°.12 1°.0/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.21	+12 15.8	1.858	2.699	14.0	19.4
10 8	2 51.82	+12 16.6	1.779	2.694	10.5	19.2
10 18	2 44.15	+12 12.1	1.723	2.689	6.6	18.9
10 28	2 34.89	+12 4.4	1.694	2.684	2.3	18.6
11 7	2 25.08	+11 56.4	1.693	2.679	2.7	18.7
11 17	2 15.80	+11 51.7	1.720	2.674	7.0	18.9
11 27	2 8.09	+11 53.7	1.775	2.669	11.0	19.2
12 7	2 2.68	+12 5.1	1.852	2.665	14.4	19.4

318946 2005 UA_{173} 11 2.1 262°.26 0°.1/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.07	+16 35.7	2.153	2.983	12.7	21.7
10 8	2 49.20	+16 21.3	2.070	2.978	9.6	21.5
10 18	2 42.39	+15 58.0	2.010	2.972	6.1	21.3
10 28	2 34.27	+15 27.7	1.977	2.967	2.1	21.0
11 7	2 25.68	+14 53.7	1.974	2.961	1.9	21.0
11 17	2 17.57	+14 20.2	1.999	2.955	5.9	21.2
11 27	2 10.78	+13 51.6	2.052	2.950	9.5	21.4
12 7	2 5.95	+13 31.6	2.129	2.944	12.7	21.6

179606 2002 NT_{61} 11 2.1 113°.17 2°.4/ 3.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.39	+23 48.7	1.560	2.382	17.1	20.6
10 8	2 53.01	+23 24.8	1.494	2.393	13.3	20.3
10 18	2 44.95	+22 41.7	1.449	2.403	8.9	20.1
10 28	2 35.15	+21 40.8	1.429	2.413	4.3	19.9
11 7	2 24.91	+20 27.4	1.436	2.422	2.9	19.8
11 17	2 15.58	+19 9.3	1.470	2.431	7.0	20.1
11 27	2 8.31	+17 55.6	1.531	2.440	11.4	20.4
12 7	2 3.79	+16 53.7	1.615	2.449	15.2	20.6

97475 2000 CP_{50} 11 2.1 273°.69 0°.3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.53	+15 55.0	2.449	3.277	11.4	20.7
10 8	2 47.92	+15 29.2	2.350	3.258	8.6	20.5
10 18	2 41.56	+14 54.9	2.275	3.238	5.4	20.3
10 28	2 33.99	+14 14.4	2.228	3.218	1.8	20.0
11 7	2 25.94	+13 30.9	2.210	3.197	1.9	20.0
11 17	2 18.20	+12 48.5	2.223	3.177	5.6	20.2
11 27	2 11.58	+12 11.6	2.263	3.156	9.0	20.4
12 7	2 6.66	+11 43.9	2.329	3.135	12.0	20.5

513862 2013 HJ_{16} 11 2.1 124°.42 1°.0/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.23	+12 49.7	2.609	3.437	10.8	21.9
10 8	2 48.80	+12 24.7	2.543	3.452	8.0	21.8
10 18	2 41.88	+11 54.6	2.502	3.466	4.9	21.6
10 28	2 34.03	+11 21.9	2.490	3.480	1.8	21.4
11 7	2 25.96	+10 49.7	2.509	3.493	2.2	21.5
11 17	2 18.38	+10 21.4	2.558	3.506	5.3	21.7
11 27	2 11.94	+10 0.0	2.635	3.519	8.3	21.9
12 7	2 7.12	+ 9 47.7	2.738	3.531	10.8	22.1

453546 2009 WS_{181} 11 2.1 348°.69 5°.5/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.15	− 1 47.6	2.169	3.012	12.2	20.4
10 8	2 49.81	− 2 13.8	2.102	3.011	9.5	20.2
10 18	2 42.66	− 2 34.8	2.060	3.009	6.9	20.1
10 28	2 34.33	− 2 46.2	2.044	3.008	5.5	20.0
11 7	2 25.67	− 2 44.2	2.056	3.007	6.4	20.0
11 17	2 17.52	− 2 26.6	2.096	3.006	8.8	20.2
11 27	2 10.69	− 1 52.8	2.162	3.005	11.5	20.4
12 7	2 5.74	− 1 4.1	2.251	3.005	14.0	20.5

19954 Shigeyoshi 11 2.1 119°.77 2°.1/31.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.89	+10 49.3	1.593	2.437	15.7	17.9
10 8	2 54.63	+10 28.1	1.533	2.450	11.8	17.7
10 18	2 45.85	+10 1.1	1.496	2.462	7.3	17.5
10 28	2 35.44	+ 9 32.3	1.485	2.474	2.9	17.2
11 7	2 24.66	+ 9 6.6	1.502	2.486	3.7	17.3
11 17	2 14.74	+ 8 48.6	1.547	2.496	8.1	17.6
11 27	2 6.80	+ 8 42.2	1.618	2.507	12.2	17.9
12 7	2 1.48	+ 8 49.5	1.712	2.517	15.7	18.1

236431 2006 DM_{126} 11 2.1 71°.38 0°.2/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.96	+17 52.8	1.605	2.445	15.8	20.4
10 8	2 51.01	+17 23.1	1.543	2.456	12.0	20.2
10 18	2 43.63	+16 40.3	1.502	2.466	7.5	20.0
10 28	2 34.69	+15 47.6	1.487	2.477	2.6	19.7
11 7	2 25.36	+14 50.6	1.500	2.488	2.3	19.7
11 17	2 16.84	+13 55.9	1.540	2.499	7.1	20.0
11 27	2 10.19	+13 9.9	1.606	2.509	11.4	20.3
12 7	2 6.04	+12 37.4	1.695	2.520	15.0	20.6

422319 2014 SK_{189} 11 2.1 78°.02 1°.6/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.33	+19 44.7	2.264	3.079	12.7	20.8
10 8	2 50.75	+19 58.8	2.192	3.089	9.7	20.6
10 18	2 43.27	+20 3.5	2.144	3.099	6.4	20.4
10 28	2 34.55	+19 59.3	2.124	3.109	2.9	20.2
11 7	2 25.46	+19 47.9	2.132	3.119	2.1	20.2
11 17	2 16.90	+19 32.4	2.170	3.129	5.4	20.4
11 27	2 9.72	+19 16.6	2.237	3.139	8.7	20.6
12 7	2 4.50	+19 4.4	2.329	3.148	11.6	20.8

122062 2000 GL_{168} 11 2.1 72°.20 2°.7/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.64	+10 23.2	1.456	2.310	16.4	19.5
10 8	2 52.97	+ 9 46.4	1.408	2.331	12.2	19.3
10 18	2 44.78	+ 9 3.9	1.383	2.351	7.5	19.1
10 28	2 35.05	+ 8 21.0	1.383	2.371	3.3	18.9
11 7	2 25.07	+ 7 43.7	1.410	2.391	4.3	19.0
11 17	2 16.09	+ 7 17.4	1.464	2.411	8.6	19.3
11 27	2 9.16	+ 7 6.0	1.542	2.431	12.7	19.6
12 7	2 4.89	+ 7 10.8	1.643	2.451	16.1	19.9

113336 2002 RC_{214} 11 2.1 106°.45 2°.7/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.54	+ 9 11.3	1.881	2.728	13.6	19.7
10 8	2 50.33	+ 8 33.8	1.817	2.736	10.1	19.5
10 18	2 43.06	+ 7 52.1	1.777	2.743	6.3	19.3
10 28	2 34.48	+ 7 10.7	1.764	2.750	3.0	19.1
11 7	2 25.56	+ 6 34.4	1.779	2.758	4.0	19.2
11 17	2 17.29	+ 6 7.8	1.823	2.765	7.6	19.5
11 27	2 10.57	+ 5 54.3	1.892	2.772	11.2	19.7
12 7	2 5.98	+ 5 55.6	1.985	2.779	14.3	19.9

164729 1998 RT_{49} 11 2.1 74.°57 4.°8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 1.70	+26 54.9	1.757	2.554	16.5	19.6
10 8	2 55.37	+27 36.7	1.696	2.573	13.2	19.5
10 18	2 46.39	+28 1.5	1.655	2.591	9.5	19.3
10 28	2 35.66	+28 7.4	1.640	2.609	6.1	19.1
11 7	2 24.45	+27 54.9	1.652	2.627	4.9	19.1
11 17	2 14.08	+27 28.2	1.692	2.645	7.1	19.3
11 27	2 5.73	+26 53.8	1.759	2.663	10.4	19.5
12 7	2 0.10	+26 19.2	1.849	2.681	13.6	19.8

263044 2007 HB_{5} 11 2.1 225.°65 2.°3/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.38	+ 8 28.3	2.315	3.155	11.6	20.8
10 8	2 49.21	+ 8 8.4	2.237	3.152	8.7	20.6
10 18	2 42.30	+ 7 45.9	2.184	3.149	5.5	20.4
10 28	2 34.23	+ 7 23.9	2.159	3.146	2.6	20.2
11 7	2 25.78	+ 7 5.7	2.164	3.143	3.4	20.3
11 17	2 17.77	+ 6 54.5	2.197	3.139	6.6	20.5
11 27	2 10.99	+ 6 52.9	2.258	3.136	9.7	20.7
12 7	2 5.99	+ 7 2.5	2.343	3.132	12.5	20.9

167466 2003 YA_{24} 11 2.1 336.°67 8.°1/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.49	+35 9.9	1.549	2.332	18.9	19.3
10 8	2 50.80	+35 44.0	1.466	2.322	16.1	19.0
10 18	2 44.01	+35 52.4	1.401	2.313	12.8	18.8
10 28	2 34.97	+35 30.6	1.358	2.305	9.7	18.6
11 7	2 25.04	+34 38.3	1.337	2.297	8.1	18.5
11 17	2 15.81	+33 20.4	1.342	2.290	9.3	18.6
11 27	2 8.75	+31 47.1	1.372	2.283	12.3	18.7
12 7	2 4.80	+30 10.5	1.424	2.278	15.7	18.9

361025 2005 WK_{70} 11 2.1 66.°63 2.°8/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.85	+ 6 47.0	2.007	2.850	13.0	21.0
10 8	2 51.18	+ 6 37.2	1.943	2.859	9.7	20.9
10 18	2 43.55	+ 6 26.6	1.903	2.868	6.2	20.7
10 28	2 34.65	+ 6 18.3	1.891	2.876	3.1	20.5
11 7	2 25.42	+ 6 15.6	1.907	2.885	3.9	20.6
11 17	2 16.81	+ 6 21.2	1.953	2.894	7.3	20.8
11 27	2 9.68	+ 6 37.1	2.025	2.903	10.6	21.0
12 7	2 4.61	+ 7 4.1	2.120	2.912	13.5	21.2

115679 2003 UX_{148} 11 2.1 323.°70 2.°2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 49.96	+12 6.8	2.192	3.038	11.9	19.4
10 8	2 46.01	+10 54.5	2.114	3.033	8.9	19.2
10 18	2 40.35	+ 9 34.2	2.061	3.028	5.5	19.0
10 28	2 33.57	+ 8 10.7	2.036	3.023	2.5	18.8
11 7	2 26.45	+ 6 50.2	2.040	3.019	3.6	18.9
11 17	2 19.79	+ 5 38.6	2.073	3.015	6.9	19.1
11 27	2 14.34	+ 4 41.0	2.134	3.010	10.3	19.3
12 7	2 10.66	+ 4 0.3	2.218	3.006	13.1	19.5

139308 2001 KH_{20} 11 2.1 64.°80 4.°4/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.05	+ 8 37.3	1.339	2.205	16.9	19.1
10 8	2 51.26	+ 7 23.7	1.291	2.219	12.6	18.9
10 18	2 43.83	+ 6 4.6	1.265	2.233	8.0	18.7
10 28	2 34.76	+ 4 48.2	1.263	2.247	4.5	18.6
11 7	2 25.39	+ 3 43.3	1.287	2.262	6.0	18.7
11 17	2 17.02	+ 2 57.0	1.338	2.277	10.2	19.0
11 27	2 10.73	+ 2 33.5	1.411	2.292	14.2	19.3
12 7	2 7.15	+ 2 33.1	1.505	2.307	17.7	19.5

12846 Fullerton 11 2.1 49.°41 0.°7/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.89	+15 43.3	2.123	2.960	12.6	18.9
10 8	2 47.49	+14 58.6	2.050	2.963	9.4	18.7
10 18	2 41.27	+14 4.5	2.000	2.966	5.8	18.5
10 28	2 33.89	+13 4.3	1.978	2.968	2.0	18.3
11 7	2 26.17	+12 3.0	1.985	2.971	2.3	18.3
11 17	2 18.98	+11 5.8	2.021	2.975	6.2	18.6
11 27	2 13.12	+10 17.9	2.085	2.978	9.7	18.8
12 7	2 9.14	+ 9 42.8	2.172	2.981	12.7	19.0

23934 1998 TN_{5} 11 2.1 241.°57 0.°7/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.27	+16 1.6	2.482	3.312	11.2	18.0
10 8	2 46.85	+15 10.0	2.395	3.305	8.4	17.8
10 18	2 40.82	+14 9.0	2.333	3.297	5.2	17.6
10 28	2 33.74	+13 1.8	2.299	3.289	1.8	17.3
11 7	2 26.31	+11 52.9	2.296	3.281	2.1	17.3
11 17	2 19.28	+10 47.2	2.322	3.273	5.6	17.6
11 27	2 13.38	+ 9 49.8	2.377	3.265	8.9	17.7
12 7	2 9.11	+ 9 4.2	2.457	3.257	11.7	17.9

213593 2002 PN_{11} 11 2.1 50.°96 2.°1/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.32	+12 11.8	1.623	2.477	15.0	20.1
10 8	2 49.70	+11 26.5	1.564	2.486	11.2	19.8
10 18	2 42.79	+10 33.2	1.527	2.496	6.9	19.6
10 28	2 34.43	+ 9 37.1	1.516	2.505	2.8	19.4
11 7	2 25.71	+ 8 44.4	1.533	2.516	3.7	19.5
11 17	2 17.75	+ 8 1.0	1.576	2.526	7.9	19.8
11 27	2 11.54	+ 7 31.8	1.646	2.537	11.9	20.0
12 7	2 7.68	+ 7 19.4	1.737	2.547	15.3	20.3

261812 2006 BP_{278} 11 2.1 21.°68 4.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.92	+29 12.2	1.987	2.778	15.1	20.3
10 8	2 50.18	+29 33.1	1.911	2.781	12.2	20.2
10 18	2 43.16	+29 36.7	1.856	2.785	9.0	20.0
10 28	2 34.59	+29 21.6	1.825	2.790	6.1	19.8
11 7	2 25.51	+28 49.1	1.822	2.795	4.8	19.7
11 17	2 17.04	+28 3.4	1.846	2.800	6.6	19.9
11 27	2 10.18	+27 10.8	1.897	2.805	9.6	20.1
12 7	2 5.65	+26 18.4	1.973	2.811	12.6	20.3

60554 2000 EZ_{93} 11 2.1 276.°33 0.°4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.90	+17 48.2	1.899	2.736	13.9	19.2
10 8	2 48.62	+16 51.0	1.810	2.722	10.6	18.9
10 18	2 42.18	+15 39.5	1.744	2.709	6.6	18.7
10 28	2 34.26	+14 17.3	1.705	2.695	2.2	18.4
11 7	2 25.82	+12 50.6	1.694	2.681	2.4	18.4
11 17	2 17.87	+11 26.8	1.713	2.667	6.9	18.6
11 27	2 11.40	+10 13.2	1.758	2.654	11.0	18.8
12 7	2 7.09	+ 9 15.4	1.827	2.640	14.6	19.0

190693 2001 ED_{13} 11 2.1 155.°78 6.°5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.05	−10 40.1	2.971	3.781	10.1	20.4
10 8	2 50.68	−11 10.3	2.915	3.789	8.4	20.3
10 18	2 42.97	−11 31.5	2.884	3.795	7.0	20.2
10 28	2 34.43	−11 39.8	2.881	3.802	6.5	20.2
11 7	2 25.72	−11 32.6	2.907	3.808	7.1	20.2
11 17	2 17.48	−11 8.8	2.961	3.813	8.6	20.4
11 27	2 10.31	−10 28.7	3.041	3.818	10.2	20.5
12 7	2 4.63	− 9 34.3	3.145	3.823	11.8	20.6

223891 2004 VN_{20} 11 2.1 345.°96 1.°9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.99	+ 9 40.8	1.853	2.701	13.7	19.6
10 8	2 50.13	+ 9 37.1	1.777	2.696	10.3	19.4
10 18	2 43.10	+ 9 30.2	1.725	2.691	6.4	19.1
10 28	2 34.58	+ 9 22.9	1.698	2.687	2.6	18.9
11 7	2 25.55	+ 9 18.4	1.700	2.684	3.3	18.9
11 17	2 17.05	+ 9 20.1	1.730	2.680	7.3	19.2
11 27	2 10.06	+ 9 30.8	1.786	2.678	11.1	19.4
12 7	2 5.28	+ 9 52.2	1.865	2.676	14.4	19.6

270843 2002 TS_{15} 11 2.2 355.°19 2.°1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.92	+11 35.5	1.027	1.910	19.5	19.5
10 8	2 49.98	+11 26.4	0.966	1.903	14.7	19.2
10 18	2 43.63	+11 9.0	0.925	1.898	9.2	18.9
10 28	2 34.88	+10 48.0	0.904	1.894	3.4	18.6
11 7	2 25.28	+10 29.6	0.906	1.893	4.3	18.7
11 17	2 16.61	+10 20.3	0.932	1.892	10.1	19.0
11 27	2 10.42	+10 25.6	0.978	1.893	15.6	19.3
12 7	2 7.63	+10 48.0	1.043	1.896	20.2	19.6

341980 2008 QZ_{39} 11 2.2 352.°96 4.°5/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.56	+ 8 44.5	1.261	2.138	17.0	20.3
10 8	2 48.30	+ 7 36.9	1.199	2.133	12.8	20.0
10 18	2 42.26	+ 6 21.8	1.158	2.129	8.2	19.7
10 28	2 34.33	+ 5 7.4	1.140	2.126	4.7	19.5
11 7	2 25.81	+ 4 3.2	1.147	2.124	6.2	19.6
11 17	2 18.09	+ 3 17.3	1.179	2.122	10.7	19.9
11 27	2 12.40	+ 2 55.2	1.233	2.122	15.2	20.1
12 7	2 9.49	+ 2 58.1	1.306	2.123	19.0	20.4

294526 2007 XQ_{30} 11 2.2 342.°84 1.°9/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.10	+21 46.5	1.177	2.031	19.5	20.4
10 8	2 50.68	+21 22.5	1.107	2.025	15.2	20.1
10 18	2 43.99	+20 36.4	1.057	2.020	10.0	19.8
10 28	2 34.98	+19 30.0	1.028	2.016	4.3	19.5
11 7	2 25.19	+18 10.2	1.024	2.013	3.0	19.4
11 17	2 16.28	+16 47.0	1.045	2.010	8.6	19.7
11 27	2 9.76	+15 32.2	1.089	2.007	14.0	20.0
12 7	2 6.52	+14 34.4	1.153	2.006	18.6	20.3

269186 2008 GB_{42} 11 2.2 47.°15 2.°3/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.85	+10 59.1	1.334	2.194	17.3	20.2
10 8	2 52.82	+10 35.5	1.277	2.202	12.9	20.0
10 18	2 44.96	+10 5.2	1.241	2.210	8.0	19.8
10 28	2 35.23	+ 9 32.9	1.229	2.218	3.2	19.5
11 7	2 25.02	+ 9 4.3	1.243	2.227	4.1	19.6
11 17	2 15.74	+ 8 45.2	1.283	2.236	9.0	19.9
11 27	2 8.63	+ 8 39.9	1.348	2.245	13.5	20.2
12 7	2 4.41	+ 8 50.6	1.432	2.254	17.4	20.5

383066 2005 QF_{183} 11 2.2 5.°11 1.°6/ 1.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.40	+14 12.2	1.024	1.908	19.5	20.1
10 8	2 47.95	+13 37.8	0.970	1.907	14.7	19.9
10 18	2 42.26	+12 49.7	0.934	1.907	9.1	19.6
10 28	2 34.36	+11 53.9	0.919	1.910	3.2	19.2
11 7	2 25.81	+10 58.9	0.927	1.914	4.0	19.3
11 17	2 18.25	+10 14.0	0.958	1.919	9.8	19.7
11 27	2 13.10	+ 9 46.6	1.011	1.927	15.2	20.0
12 7	2 11.15	+ 9 40.4	1.083	1.935	19.6	20.3

212377 2006 HO_{39} 11 2.2 211°.34 2°.0/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.57	+12 47.9	1.524	2.373	16.1	21.0
10 8	2 53.25	+12 4.9	1.450	2.369	12.1	20.7
10 18	2 45.24	+11 11.8	1.397	2.365	7.5	20.4
10 28	2 35.36	+10 13.4	1.370	2.360	2.9	20.1
11 7	2 24.85	+ 9 16.3	1.371	2.355	3.8	20.2
11 17	2 15.07	+ 8 27.6	1.399	2.349	8.7	20.5
11 27	2 7.23	+ 7 53.4	1.452	2.343	13.2	20.7
12 7	2 2.11	+ 7 37.4	1.526	2.336	17.1	21.0

333587 2007 BS_{16} 11 2.2 301°.72 1°.2/ 1.5 18

9 28	2 56.17	+13 33.4	1.415	2.271	16.7	20.7
10 8	2 51.82	+13 14.4	1.333	2.255	12.7	20.4
10 18	2 44.57	+12 45.4	1.272	2.240	7.9	20.1
10 28	2 35.19	+12 9.8	1.235	2.225	2.8	19.8
11 7	2 24.95	+11 33.0	1.224	2.210	3.4	19.8
11 17	2 15.30	+11 1.1	1.240	2.196	8.7	20.1
11 27	2 7.61	+10 40.8	1.279	2.182	13.7	20.3
12 7	2 2.81	+10 36.0	1.339	2.168	18.0	20.5

178434 1998 UU_{4} 11 2.2 52°.01 4°.5/ 4.5 18

9 28	3 2.84	+24 17.1	1.205	2.037	20.5	19.2
10 8	2 56.88	+24 54.8	1.162	2.062	16.1	19.0
10 18	2 47.56	+25 11.8	1.137	2.088	11.1	18.8
10 28	2 36.10	+25 6.7	1.135	2.114	6.3	18.6
11 7	2 24.27	+24 42.0	1.157	2.140	4.7	18.6
11 17	2 13.79	+24 4.6	1.206	2.167	8.3	18.9
11 27	2 6.06	+23 23.8	1.278	2.193	12.7	19.2
12 7	2 1.76	+22 48.2	1.372	2.220	16.5	19.5

224702 2006 BR_{75} 11 2.2 50°.19 5°.9/28.6 18

9 28	2 53.15	− 0 34.9	1.952	2.805	12.9	19.6
10 8	2 48.37	− 1 30.6	1.905	2.819	10.0	19.4
10 18	2 41.77	− 2 22.0	1.881	2.833	7.3	19.3
10 28	2 34.06	− 3 3.1	1.883	2.848	5.9	19.2
11 7	2 26.13	− 3 29.0	1.913	2.862	7.0	19.3
11 17	2 18.86	− 3 36.6	1.970	2.877	9.4	19.5
11 27	2 13.02	− 3 25.0	2.051	2.892	12.1	19.7
12 7	2 9.12	− 2 55.3	2.153	2.908	14.5	19.9

330208 2006 FW_{46} 11 2.2 246°.13 1°.9/31.5 17

9 28	2 53.76	+ 9 19.9	2.552	3.388	10.8	21.1
10 8	2 48.69	+ 8 59.6	2.464	3.377	8.1	20.9
10 18	2 41.99	+ 8 36.1	2.401	3.366	5.1	20.7
10 28	2 34.18	+ 8 12.2	2.367	3.354	2.3	20.5
11 7	2 25.97	+ 7 50.9	2.363	3.343	3.0	20.5
11 17	2 18.11	+ 7 35.5	2.388	3.331	6.0	20.7
11 27	2 11.34	+ 7 28.5	2.442	3.319	9.1	20.9
12 7	2 6.18	+ 7 31.8	2.520	3.307	11.8	21.0

21961 1999 VE_{203} 11 2.2 29°.05 5°.2/29.8 18

9 28	2 54.83	+ 1 27.3	1.831	2.685	13.6	17.2
10 8	2 49.83	+ 0 54.5	1.773	2.690	10.4	17.1
10 18	2 42.79	+ 0 24.7	1.739	2.697	7.2	16.9
10 28	2 34.45	+ 0 3.2	1.730	2.704	5.2	16.8
11 7	2 25.78	− 0 5.6	1.749	2.711	6.3	16.9
11 17	2 17.77	+ 0 1.3	1.794	2.718	9.1	17.1
11 27	2 11.29	+ 0 25.0	1.865	2.726	12.3	17.3
12 7	2 6.95	+ 1 4.7	1.958	2.734	15.1	17.5

399892 2005 WS_{75} 11 2.2 78°.93 3°.6/ 5.5 18

9 28	2 54.43	+28 20.5	2.120	2.911	14.2	20.5
10 8	2 49.54	+28 7.9	2.046	2.921	11.4	20.3
10 18	2 42.62	+27 37.8	1.995	2.930	8.1	20.1
10 28	2 34.40	+26 50.5	1.969	2.940	5.0	19.9
11 7	2 25.83	+25 49.0	1.971	2.950	3.7	19.9
11 17	2 17.90	+24 38.7	2.002	2.960	5.8	20.0
11 27	2 11.50	+23 26.3	2.061	2.970	8.9	20.2
12 7	2 7.21	+22 18.6	2.146	2.979	11.9	20.5

341690 2007 VM_{126} 11 2.2 163°.77 7°.7/26.9 17

9 28	2 56.84	+ 9 17.4	1.100	1.975	19.0	20.0
10 8	2 52.45	+ 5 58.5	1.044	1.977	14.3	19.7
10 18	2 44.88	+ 2 22.9	1.012	1.979	9.7	19.4
10 28	2 35.24	− 1 9.8	1.006	1.981	7.7	19.3
11 7	2 25.09	− 4 17.7	1.026	1.982	10.5	19.5
11 17	2 16.06	− 6 44.2	1.072	1.983	15.1	19.8
11 27	2 9.47	− 8 21.4	1.138	1.984	19.5	20.1
12 7	2 6.06	− 9 11.2	1.221	1.984	23.1	20.3

104159 2000 ED_{73} 11 2.2 71°.04 1°.2/ 1.4 18

9 28	2 58.71	+14 26.4	1.411	2.262	17.1	19.8
10 8	2 53.17	+13 52.2	1.363	2.282	12.7	19.6
10 18	2 44.99	+13 7.7	1.336	2.303	7.8	19.4
10 28	2 35.21	+12 17.5	1.334	2.324	2.7	19.1
11 7	2 25.15	+11 27.9	1.359	2.345	3.2	19.2
11 17	2 16.14	+10 45.6	1.411	2.366	8.1	19.6
11 27	2 9.26	+10 16.1	1.488	2.386	12.4	19.9
12 7	2 5.13	+10 2.4	1.586	2.407	16.1	20.2

77937 2002 GN_{64} 11 2.2 68°.85 2°.3/31.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.56	+13 25.0	1.281	2.141	17.9	19.6
10 8	2 52.52	+12 26.4	1.233	2.158	13.3	19.4
10 18	2 44.68	+11 16.8	1.206	2.175	8.1	19.2
10 28	2 35.11	+10 3.0	1.203	2.193	3.1	18.9
11 7	2 25.24	+ 8 53.6	1.227	2.210	4.2	19.0
11 17	2 16.46	+ 7 56.8	1.276	2.228	9.1	19.4
11 27	2 9.94	+ 7 18.6	1.350	2.245	13.7	19.7
12 7	2 6.28	+ 7 1.4	1.444	2.262	17.4	20.0

379660 2011 EZ_{49} 11 2.2 280°.33 4°.1/30.9 18

9 28	2 57.76	+ 6 42.1	1.501	2.359	15.8	20.9
10 8	2 52.68	+ 6 9.1	1.428	2.351	12.0	20.7
10 18	2 44.92	+ 5 33.3	1.377	2.343	7.8	20.4
10 28	2 35.28	+ 5 0.3	1.351	2.336	4.3	20.2
11 7	2 24.99	+ 4 36.0	1.352	2.328	5.5	20.2
11 17	2 15.36	+ 4 25.7	1.379	2.320	9.7	20.5
11 27	2 7.63	+ 4 32.7	1.430	2.313	13.9	20.7
12 7	2 2.59	+ 4 57.8	1.503	2.305	17.7	20.9

235188 2003 SF_{106} 11 2.2 74°.28 7°.6/ 7.9 18

9 28	3 2.62	+35 9.4	1.727	2.488	18.1	20.3
10 8	2 56.33	+35 55.7	1.669	2.510	15.1	20.1
10 18	2 47.12	+36 18.3	1.630	2.532	11.9	20.0
10 28	2 36.00	+36 13.3	1.613	2.554	9.1	19.9
11 7	2 24.39	+35 41.2	1.623	2.576	7.6	19.9
11 17	2 13.77	+34 46.8	1.659	2.597	8.6	20.0
11 27	2 5.42	+33 38.9	1.721	2.619	11.0	20.2
12 7	2 0.07	+32 27.6	1.806	2.640	13.8	20.4

243614 1999 CN_{132} 11 2.2 42°.70 6°.2/30.1 17

9 28	2 57.08	+ 5 49.9	0.968	1.853	20.2	19.4
10 8	2 52.60	+ 4 40.5	0.936	1.872	15.2	19.2
10 18	2 44.87	+ 3 30.2	0.923	1.893	9.9	19.0
10 28	2 35.18	+ 2 29.7	0.932	1.914	6.4	18.8
11 7	2 25.28	+ 1 48.3	0.964	1.936	7.9	19.0
11 17	2 16.79	+ 1 32.2	1.018	1.959	12.3	19.3
11 27	2 10.96	+ 1 42.9	1.094	1.983	16.7	19.7
12 7	2 8.37	+ 2 17.8	1.187	2.007	20.4	20.0

326649 2002 TB_{55} 11 2.2 33°.84 1°.5/ 1.5 18

9 28	2 57.97	+12 35.7	0.975	1.852	20.7	19.5
10 8	2 53.42	+12 29.6	0.939	1.873	15.5	19.3
10 18	2 45.46	+12 14.3	0.922	1.894	9.5	19.0
10 28	2 35.41	+11 54.4	0.926	1.917	3.3	18.8
11 7	2 25.06	+11 35.9	0.954	1.941	3.8	18.9
11 17	2 16.12	+11 24.9	1.005	1.966	9.6	19.3
11 27	2 9.95	+11 26.5	1.079	1.992	14.7	19.7
12 7	2 7.17	+11 42.7	1.171	2.018	18.8	20.0

7826 Kinugasa 11 2.2 286°.69 0°.9/ 1.5 18

9 28	2 54.80	+16 18.7	1.501	2.351	16.2	17.7
10 8	2 50.51	+15 28.4	1.425	2.344	12.3	17.5
10 18	2 43.58	+14 23.4	1.370	2.338	7.6	17.2
10 28	2 34.83	+13 8.3	1.341	2.331	2.6	16.9
11 7	2 25.46	+11 50.4	1.338	2.324	3.1	16.9
11 17	2 16.78	+10 37.9	1.362	2.318	8.2	17.2
11 27	2 9.99	+ 9 39.1	1.412	2.312	12.9	17.4
12 7	2 5.85	+ 8 59.0	1.483	2.305	16.9	17.7

219105 1998 SE_{42} 11 2.2 101°.57 0°.3/ 1.9 18

9 28	2 53.76	+15 40.1	2.318	3.147	12.0	20.9
10 8	2 48.71	+15 13.8	2.251	3.159	9.0	20.8
10 18	2 41.97	+14 39.6	2.208	3.171	5.5	20.6
10 28	2 34.18	+14 0.2	2.193	3.183	1.9	20.3
11 7	2 26.12	+13 19.3	2.208	3.195	1.9	20.4
11 17	2 18.59	+12 40.8	2.253	3.207	5.5	20.6
11 27	2 12.34	+12 8.8	2.325	3.218	8.8	20.9
12 7	2 7.87	+11 46.3	2.422	3.229	11.6	21.1

47077 Yuji 11 2.2 252°.68 0°.8/ 1.4 18

9 28	2 51.75	+14 27.9	2.410	3.244	11.4	18.5
10 8	2 47.27	+13 53.5	2.328	3.239	8.5	18.3
10 18	2 41.14	+13 11.7	2.270	3.235	5.3	18.1
10 28	2 33.91	+12 25.3	2.240	3.230	1.8	17.8
11 7	2 26.34	+11 38.1	2.240	3.226	2.2	17.8
11 17	2 19.18	+10 54.4	2.270	3.221	5.7	18.1
11 27	2 13.16	+10 18.3	2.327	3.217	8.9	18.3
12 7	2 8.83	+ 9 52.8	2.409	3.212	11.8	18.5

262219 2006 SB_{249} 11 2.2 315°.02 0°.3/ 2.4 18

9 28	2 53.77	+18 3.4	1.827	2.664	14.4	20.8
10 8	2 49.34	+17 38.5	1.748	2.658	10.9	20.6
10 18	2 42.68	+17 1.4	1.690	2.653	6.9	20.4
10 28	2 34.49	+16 14.5	1.659	2.649	2.5	20.1
11 7	2 25.80	+15 22.3	1.656	2.644	2.1	20.1
11 17	2 17.66	+14 30.5	1.681	2.639	6.6	20.3
11 27	2 11.09	+13 45.3	1.732	2.635	10.7	20.6
12 7	2 6.77	+13 11.4	1.807	2.631	14.2	20.8

452998 2007 HN_{68} 11 2.2 239°.16 0°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.78	+15 2.1	2.435	3.259	11.6	22.0
10 8	2 50.34	+15 1.8	2.345	3.251	8.8	21.8
10 18	2 43.10	+14 55.3	2.280	3.242	5.5	21.6
10 28	2 34.62	+14 43.9	2.243	3.232	1.9	21.3
11 7	2 25.67	+14 29.9	2.236	3.223	1.8	21.3
11 17	2 17.09	+14 16.2	2.259	3.213	5.5	21.5
11 27	2 9.70	+14 6.0	2.310	3.204	8.8	21.7
12 7	2 4.09	+14 2.2	2.387	3.193	11.8	21.9

387245 2012 UR_{63} 11 2.2 64°.03 4°.4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.04	+ 5 28.8	1.524	2.381	15.7	19.9
10 8	2 52.50	+ 4 53.6	1.475	2.397	11.8	19.7
10 18	2 44.53	+ 4 18.0	1.449	2.413	7.6	19.5
10 28	2 35.08	+ 3 47.6	1.448	2.430	4.6	19.3
11 7	2 25.34	+ 3 28.0	1.473	2.447	5.6	19.4
11 17	2 16.52	+ 3 22.9	1.526	2.463	9.3	19.7
11 27	2 9.62	+ 3 34.6	1.603	2.480	13.0	20.0
12 7	2 5.25	+ 4 2.7	1.701	2.497	16.2	20.2

365426 2010 KC_{61} 11 2.2 42°.04 3°.4/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.24	+ 7 51.8	0.864	1.743	22.6	19.7
10 8	2 58.73	+ 7 59.0	0.842	1.776	16.8	19.5
10 18	2 48.57	+ 8 3.9	0.838	1.810	10.3	19.3
10 28	2 36.40	+ 8 11.1	0.856	1.845	4.4	19.1
11 7	2 24.30	+ 8 25.0	0.897	1.881	5.2	19.3
11 17	2 14.13	+ 8 48.7	0.961	1.917	10.6	19.7
11 27	2 7.18	+ 9 24.2	1.047	1.954	15.6	20.1
12 7	2 3.94	+10 11.3	1.152	1.991	19.6	20.5

51607 2001 HO_{29} 11 2.2 142°.62 0°.3/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.76	+17 5.1	2.053	2.883	13.2	20.1
10 8	2 49.71	+16 21.5	1.981	2.890	10.0	19.9
10 18	2 42.71	+15 26.9	1.933	2.896	6.2	19.7
10 28	2 34.46	+14 24.8	1.912	2.901	2.1	19.5
11 7	2 25.88	+13 20.1	1.920	2.907	2.2	19.5
11 17	2 17.90	+12 18.4	1.957	2.912	6.2	19.8
11 27	2 11.37	+11 25.5	2.023	2.916	9.9	20.0
12 7	2 6.86	+10 45.3	2.112	2.921	13.0	20.2

204957 2008 WK_{68} 11 2.2 329°.92 1°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.21	+14 14.1	1.507	2.362	15.9	19.9
10 8	2 50.07	+13 45.1	1.432	2.354	12.0	19.7
10 18	2 43.32	+13 5.6	1.379	2.347	7.5	19.4
10 28	2 34.76	+12 19.3	1.350	2.341	2.6	19.1
11 7	2 25.57	+11 32.0	1.348	2.335	3.1	19.1
11 17	2 17.03	+10 50.2	1.373	2.329	8.1	19.4
11 27	2 10.32	+10 20.1	1.422	2.324	12.7	19.6
12 7	2 6.23	+10 5.6	1.493	2.319	16.6	19.9

85786 1998 VY_{12} 11 2.2 10°.70 1°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.90	+ 9 34.0	1.369	2.226	17.1	18.3
10 8	2 54.49	+10 5.9	1.305	2.228	12.9	18.1
10 18	2 46.12	+10 36.0	1.263	2.231	8.1	17.8
10 28	2 35.73	+11 6.0	1.246	2.236	2.9	17.5
11 7	2 24.69	+11 37.5	1.255	2.241	3.3	17.6
11 17	2 14.49	+12 12.4	1.290	2.247	8.4	17.9
11 27	2 6.44	+12 52.8	1.351	2.254	13.0	18.2
12 7	2 1.37	+13 40.1	1.433	2.262	17.0	18.5

374707 2006 RQ_{92} 11 2.2 90°.55 2°.0/31.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.08	+13 58.7	1.443	2.294	16.7	21.7
10 8	2 52.66	+12 53.8	1.391	2.312	12.4	21.5
10 18	2 44.68	+11 37.9	1.362	2.330	7.6	21.3
10 28	2 35.14	+10 17.4	1.358	2.348	2.9	21.0
11 7	2 25.33	+ 9 0.5	1.382	2.365	3.9	21.1
11 17	2 16.52	+ 7 55.2	1.433	2.383	8.5	21.5
11 27	2 9.78	+ 7 7.5	1.509	2.399	12.8	21.7
12 7	2 5.70	+ 6 40.4	1.606	2.416	16.4	22.0

411808 2012 DN_{22} 11 2.2 248°.03 4°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.36	+ 2 29.7	2.261	3.105	11.7	20.7
10 8	2 49.24	+ 1 57.4	2.188	3.101	8.9	20.6
10 18	2 42.38	+ 1 26.4	2.139	3.097	6.1	20.4
10 28	2 34.36	+ 1 1.1	2.118	3.093	4.3	20.3
11 7	2 25.98	+ 0 45.3	2.126	3.089	5.2	20.3
11 17	2 18.06	+ 0 42.1	2.162	3.085	7.9	20.5
11 27	2 11.37	+ 0 53.3	2.224	3.080	10.8	20.7
12 7	2 6.47	+ 1 18.8	2.310	3.076	13.3	20.8

136337 2004 CY_{12} 11 2.2 265°.56 0°.7/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.73	+14 54.6	1.902	2.741	13.8	20.5
10 8	2 49.93	+14 28.6	1.824	2.738	10.4	20.3
10 18	2 42.98	+13 53.6	1.770	2.735	6.4	20.0
10 28	2 34.60	+13 12.4	1.742	2.732	2.2	19.7
11 7	2 25.75	+12 29.5	1.743	2.729	2.5	19.8
11 17	2 17.45	+11 50.0	1.772	2.726	6.7	20.0
11 27	2 10.66	+11 18.9	1.828	2.723	10.6	20.3
12 7	2 6.03	+10 59.7	1.907	2.721	14.0	20.5

27857 1995 BZ 11 2.2 178°.70 4°.5/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.98	+ 2 3.9	2.349	3.190	11.4	19.0
10 8	2 49.60	+ 1 14.2	2.280	3.191	8.7	18.8
10 18	2 42.54	+ 0 25.5	2.237	3.192	6.1	18.6
10 28	2 34.41	− 0 17.3	2.222	3.193	4.5	18.5
11 7	2 25.97	− 0 49.8	2.236	3.193	5.5	18.6
11 17	2 18.01	− 1 8.5	2.278	3.192	8.0	18.8
11 27	2 11.27	− 1 11.5	2.347	3.191	10.7	18.9
12 7	2 6.28	− 0 58.6	2.439	3.190	13.1	19.1

107510 2001 DK_{50} 11 2.2 150°.04 5°.6/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.71	+29 28.0	1.933	2.713	15.8	19.7
10 8	2 55.53	+30 16.4	1.854	2.716	12.9	19.5
10 18	2 46.68	+30 48.2	1.795	2.719	9.7	19.3
10 28	2 35.94	+31 0.2	1.762	2.722	6.8	19.1
11 7	2 24.49	+30 52.1	1.757	2.724	5.6	19.1
11 17	2 13.65	+30 26.6	1.779	2.726	7.4	19.2
11 27	2 4.63	+29 50.1	1.829	2.729	10.4	19.4
12 7	1 58.27	+29 10.0	1.902	2.731	13.4	19.6

492845 2014 QT_{332} 11 2.2 7°.95 2°.3/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.17	+20 8.6	2.103	2.917	13.5	21.0
10 8	2 52.46	+20 45.9	2.023	2.918	10.5	20.8
10 18	2 44.58	+21 14.3	1.966	2.918	7.0	20.6
10 28	2 35.18	+21 32.8	1.937	2.920	3.5	20.4
11 7	2 25.22	+21 42.2	1.936	2.921	2.7	20.3
11 17	2 15.74	+21 44.6	1.965	2.923	5.9	20.6
11 27	2 7.73	+21 43.7	2.022	2.925	9.4	20.8
12 7	2 1.90	+21 43.8	2.103	2.927	12.5	21.0

479685 2014 DM_{90} 11 2.2 338°.57 7°.6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.08	+ 1 47.5	1.437	2.310	15.5	20.1
10 8	2 47.65	− 0 0.6	1.376	2.303	12.1	19.8
10 18	2 41.75	− 1 49.7	1.337	2.296	8.9	19.6
10 28	2 34.21	− 3 29.0	1.323	2.290	7.6	19.6
11 7	2 26.16	− 4 48.1	1.335	2.285	9.3	19.6
11 17	2 18.78	− 5 39.5	1.370	2.280	12.6	19.8
11 27	2 13.18	− 5 59.5	1.428	2.275	16.1	20.0
12 7	2 10.05	− 5 49.6	1.504	2.272	19.2	20.2

398315 2011 GH_{65} 11 2.2 40°.64 7°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 17.08	− 4 15.2	0.914	1.770	23.6	19.6
10 8	3 8.41	− 3 13.3	0.864	1.779	18.6	19.3
10 18	2 55.20	− 1 49.9	0.831	1.789	12.9	19.0
10 28	2 38.91	− 0 1.5	0.821	1.799	8.2	18.8
11 7	2 21.90	+ 2 9.7	0.836	1.810	8.5	18.9
11 17	2 6.64	+ 4 35.7	0.877	1.822	13.2	19.2
11 27	1 55.10	+ 7 8.2	0.941	1.834	18.4	19.5
12 7	1 48.17	+ 9 40.4	1.025	1.847	22.8	19.9

371357 2006 MW_{14} 11 2.2 128°.91 3°.4/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.83	+26 52.6	1.687	2.489	16.9	21.2
10 8	2 54.74	+26 32.0	1.620	2.503	13.3	21.0
10 18	2 46.03	+25 50.7	1.574	2.517	9.2	20.8
10 28	2 35.65	+24 49.3	1.553	2.530	5.1	20.6
11 7	2 24.89	+23 32.2	1.560	2.543	3.6	20.5
11 17	2 15.06	+22 6.9	1.595	2.555	6.8	20.8
11 27	2 7.28	+20 42.9	1.658	2.566	10.8	21.0
12 7	2 2.22	+19 28.4	1.745	2.576	14.3	21.3

328272 2008 GP_{48} 11 2.2 71°.62 1°.8/ 1.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.73	+12 26.1	1.367	2.219	17.4	20.6
10 8	2 54.71	+12 0.3	1.322	2.243	13.0	20.4
10 18	2 45.98	+11 26.6	1.299	2.267	7.9	20.2
10 28	2 35.60	+10 49.6	1.300	2.290	2.9	20.0
11 7	2 24.99	+10 15.1	1.329	2.314	3.6	20.1
11 17	2 15.51	+ 9 48.7	1.384	2.337	8.4	20.4
11 27	2 8.27	+ 9 35.0	1.464	2.360	12.8	20.7
12 7	2 3.87	+ 9 36.3	1.566	2.383	16.4	21.0

104416 2000 FS_{57} 11 2.2 313°.56 1°.3/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.01	+19 2.9	2.237	3.057	12.6	19.6
10 8	2 49.97	+19 13.3	2.152	3.052	9.7	19.4
10 18	2 42.97	+19 14.6	2.090	3.047	6.3	19.2
10 28	2 34.62	+19 7.5	2.056	3.042	2.8	19.0
11 7	2 25.78	+18 53.8	2.050	3.037	2.0	18.9
11 17	2 17.36	+18 36.5	2.074	3.032	5.5	19.1
11 27	2 10.25	+18 19.7	2.125	3.028	9.0	19.3
12 7	2 5.09	+18 7.2	2.201	3.023	12.1	19.5

391214 2006 HF_{75} 11 2.2 207°.99 5°.0/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.27	+ 2 52.7	1.982	2.831	12.9	21.6
10 8	2 50.15	+ 1 52.0	1.912	2.827	9.9	21.4
10 18	2 43.04	+ 0 51.2	1.866	2.824	6.8	21.2
10 28	2 34.63	− 0 3.6	1.847	2.820	5.1	21.1
11 7	2 25.80	− 0 46.7	1.856	2.815	6.2	21.2
11 17	2 17.52	− 1 13.4	1.892	2.810	9.2	21.3
11 27	2 10.65	− 1 21.2	1.955	2.805	12.3	21.5
12 7	2 5.82	− 1 9.8	2.039	2.799	15.1	21.7

506505 2004 BE_{120} 11 2.2 278°.45 2°.7/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.58	+21 7.2	1.606	2.430	16.6	21.5
10 8	2 55.30	+21 27.4	1.504	2.404	13.1	21.3
10 18	2 46.95	+21 34.4	1.423	2.378	8.9	20.9
10 28	2 36.19	+21 27.0	1.367	2.351	4.4	20.6
11 7	2 24.22	+21 6.0	1.338	2.324	3.2	20.5
11 17	2 12.57	+20 35.5	1.337	2.297	7.7	20.7
11 27	2 2.76	+20 2.4	1.361	2.269	12.6	20.9
12 7	1 55.90	+19 34.2	1.408	2.241	17.0	21.1

46246 2001 HX_{20} 11 2.2 72°.93 0°.0/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.67	+17 14.5	2.250	3.079	12.3	19.0
10 8	2 47.94	+16 37.2	2.188	3.095	9.2	18.9
10 18	2 41.51	+15 50.6	2.149	3.112	5.7	18.7
10 28	2 34.06	+14 57.7	2.139	3.128	2.0	18.5
11 7	2 26.38	+14 2.6	2.157	3.145	1.9	18.5
11 17	2 19.27	+13 10.1	2.206	3.161	5.5	18.8
11 27	2 13.47	+12 24.9	2.282	3.177	8.8	19.0
12 7	2 9.46	+11 50.2	2.383	3.194	11.6	19.2

199939 2007 GU_{51} 11 2.2 73°.27 2°.9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.19	+ 7 40.8	2.192	3.038	12.0	20.4
10 8	2 48.32	+ 7 2.3	2.133	3.050	8.9	20.3
10 18	2 41.76	+ 6 21.5	2.098	3.063	5.6	20.1
10 28	2 34.15	+ 5 42.4	2.091	3.075	3.1	20.0
11 7	2 26.29	+ 5 9.3	2.113	3.088	4.0	20.0
11 17	2 18.99	+ 4 45.9	2.163	3.100	7.0	20.2
11 27	2 12.98	+ 4 34.8	2.240	3.113	10.0	20.5
12 7	2 8.77	+ 4 37.0	2.341	3.125	12.6	20.7

452512 2004 RL_{265} 11 2.2 15°.17 5°.1/ 5.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.52	+26 48.9	1.725	2.531	16.4	21.0
10 8	2 52.53	+27 38.7	1.654	2.535	13.2	20.8
10 18	2 44.87	+28 12.6	1.603	2.540	9.7	20.6
10 28	2 35.35	+28 28.1	1.577	2.545	6.4	20.4
11 7	2 25.16	+28 25.1	1.577	2.551	5.1	20.4
11 17	2 15.62	+28 6.8	1.604	2.558	7.3	20.5
11 27	2 7.96	+27 39.5	1.657	2.566	10.7	20.7
12 7	2 2.97	+27 10.2	1.733	2.574	14.0	20.9

484578 2008 QQ_{25} 11 2.2 150°.01 3°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.25	+27 26.0	2.852	3.628	11.3	22.3
10 8	2 49.74	+27 31.3	2.771	3.636	9.0	22.1
10 18	2 42.63	+27 24.4	2.712	3.643	6.5	22.0
10 28	2 34.47	+27 4.9	2.682	3.650	4.1	21.8
11 7	2 26.00	+26 34.5	2.680	3.656	3.1	21.8
11 17	2 17.95	+25 55.9	2.709	3.663	4.8	21.9
11 27	2 11.04	+25 13.4	2.768	3.668	7.3	22.1
12 7	2 5.79	+24 31.6	2.853	3.674	9.7	22.2

205082 1999 TM_{15} 11 2.2 13°.08 0°.2/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.96	+16 30.3	1.257	2.118	18.0	20.7
10 8	2 50.22	+16 25.4	1.198	2.122	13.7	20.4
10 18	2 43.54	+16 7.9	1.159	2.127	8.6	20.1
10 28	2 34.88	+15 40.3	1.143	2.133	3.1	19.8
11 7	2 25.64	+15 7.9	1.152	2.140	2.7	19.8
11 17	2 17.30	+14 36.9	1.186	2.148	8.1	20.2
11 27	2 11.14	+14 14.0	1.244	2.158	13.0	20.5
12 7	2 7.92	+14 4.0	1.322	2.168	17.1	20.8

521338 2015 LO_{44} 11 2.2 272°.98 2°.9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.42	+26 38.1	1.838	2.646	15.5	20.9
10 8	2 49.93	+26 4.3	1.755	2.642	12.2	20.7
10 18	2 43.09	+25 10.1	1.693	2.639	8.5	20.4
10 28	2 34.69	+23 56.7	1.657	2.636	4.6	20.2
11 7	2 25.80	+22 28.6	1.648	2.632	3.1	20.1
11 17	2 17.56	+20 53.0	1.668	2.629	6.3	20.3
11 27	2 11.01	+19 19.1	1.715	2.626	10.3	20.5
12 7	2 6.82	+17 55.0	1.787	2.622	13.9	20.7

316625 2011 WF_{89} 11 2.2 346°.22 2°.3/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.12	+23 2.1	1.822	2.643	15.0	21.1
10 8	2 49.70	+22 51.5	1.743	2.641	11.7	20.9
10 18	2 42.96	+22 25.3	1.685	2.639	7.9	20.7
10 28	2 34.66	+21 44.4	1.654	2.637	3.9	20.5
11 7	2 25.83	+20 52.2	1.649	2.635	2.7	20.4
11 17	2 17.60	+19 54.4	1.673	2.634	6.3	20.6
11 27	2 11.00	+18 57.9	1.723	2.633	10.3	20.8
12 7	2 6.74	+18 9.2	1.797	2.632	13.8	21.1

364664 2007 TL_{285} 11 2.2 78°.30 3°.0/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.20	+12 10.1	1.250	2.109	18.3	20.9
10 8	2 54.42	+10 58.9	1.210	2.134	13.5	20.7
10 18	2 45.81	+ 9 38.4	1.190	2.159	8.3	20.5
10 28	2 35.56	+ 8 16.6	1.196	2.184	3.6	20.3
11 7	2 25.14	+ 7 3.0	1.228	2.209	4.9	20.5
11 17	2 15.99	+ 6 5.4	1.286	2.234	9.6	20.8
11 27	2 9.19	+ 5 29.1	1.369	2.258	14.0	21.1
12 7	2 5.33	+ 5 15.6	1.471	2.281	17.6	21.5

147101 2002 TC_{30} 11 2.2 49°.04 2°.3/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 59.56	+11 32.2	1.149	2.016	19.1	19.2
10 8	2 54.21	+11 8.3	1.111	2.038	14.2	19.0
10 18	2 45.81	+10 36.9	1.092	2.062	8.7	18.8
10 28	2 35.59	+10 3.3	1.097	2.086	3.3	18.5
11 7	2 25.13	+ 9 34.1	1.126	2.111	4.2	18.7
11 17	2 15.95	+ 9 15.1	1.181	2.136	9.3	19.0
11 27	2 9.26	+ 9 10.7	1.259	2.161	13.9	19.4
12 7	2 5.68	+ 9 22.4	1.357	2.186	17.8	19.7

253922 2004 CL_{55} 11 2.2 152°.79 3°.3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.60	+27 37.7	2.592	3.368	12.3	21.9
10 8	2 51.64	+27 42.9	2.512	3.377	9.8	21.8
10 18	2 43.88	+27 34.5	2.455	3.386	7.1	21.6
10 28	2 34.93	+27 12.0	2.425	3.393	4.4	21.5
11 7	2 25.63	+26 37.2	2.424	3.401	3.4	21.4
11 17	2 16.83	+25 53.3	2.454	3.407	5.2	21.5
11 27	2 9.34	+25 5.2	2.513	3.413	7.9	21.7
12 7	2 3.72	+24 18.3	2.598	3.419	10.5	21.9

454873 2015 TK_{63} 11 2.2 9°.79 0°.2/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.25	+15 39.1	1.979	2.812	13.6	21.2
10 8	2 51.04	+15 43.4	1.903	2.812	10.3	21.0
10 18	2 43.69	+15 40.1	1.850	2.813	6.5	20.8
10 28	2 34.91	+15 30.5	1.824	2.814	2.3	20.5
11 7	2 25.64	+15 17.3	1.827	2.814	2.0	20.5
11 17	2 16.91	+15 3.9	1.858	2.815	6.2	20.8
11 27	2 9.67	+14 54.3	1.916	2.816	10.0	21.0
12 7	2 4.58	+14 51.9	1.999	2.818	13.2	21.2

355515 2007 YU_{68} 11 2.2 3°.09 2°.7/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.65	+22 50.7	1.828	2.646	15.1	20.9
10 8	2 51.62	+23 2.0	1.751	2.646	11.9	20.6
10 18	2 44.19	+22 59.1	1.695	2.646	8.1	20.4
10 28	2 35.11	+22 42.1	1.664	2.646	4.2	20.2
11 7	2 25.45	+22 13.1	1.661	2.646	3.1	20.1
11 17	2 16.39	+21 36.5	1.686	2.646	6.4	20.3
11 27	2 9.02	+20 58.5	1.738	2.647	10.3	20.6
12 7	2 4.07	+20 25.0	1.814	2.648	13.8	20.8

509120 2005 WU_{210} 11 2.2 63°.08 0°.5/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.19	+16 5.4	1.392	2.241	17.3	21.2
10 8	2 52.88	+15 34.0	1.344	2.262	13.0	21.0
10 18	2 44.90	+14 50.5	1.317	2.283	8.0	20.8
10 28	2 35.29	+13 59.2	1.315	2.305	2.7	20.5
11 7	2 25.40	+13 6.3	1.339	2.326	2.8	20.6
11 17	2 16.56	+12 18.9	1.390	2.348	7.8	20.9
11 27	2 9.87	+11 43.1	1.466	2.369	12.3	21.2
12 7	2 5.94	+11 22.6	1.564	2.390	15.9	21.5

33164 1998 EB_{2} 11 2.2 15°.48 0°.1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.39	+16 35.5	1.862	2.700	14.1	18.1
10 8	2 49.73	+16 23.4	1.789	2.701	10.7	17.9
10 18	2 42.90	+16 1.6	1.739	2.703	6.7	17.7
10 28	2 34.64	+15 32.2	1.716	2.705	2.4	17.4
11 7	2 25.92	+14 59.0	1.720	2.708	2.1	17.4
11 17	2 17.79	+14 26.6	1.752	2.710	6.4	17.7
11 27	2 11.20	+13 59.9	1.811	2.713	10.3	17.9
12 7	2 6.82	+13 42.9	1.893	2.716	13.7	18.1

219498 2001 FR_{105} 11 2.2 192°.05 0°.9/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.82	+19 1.8	2.677	3.489	11.0	20.8
10 8	2 49.49	+18 58.7	2.591	3.487	8.4	20.7
10 18	2 42.54	+18 47.3	2.530	3.485	5.5	20.5
10 28	2 34.50	+18 28.5	2.497	3.483	2.3	20.3
11 7	2 26.09	+18 4.5	2.494	3.481	1.6	20.2
11 17	2 18.07	+17 38.1	2.521	3.478	4.8	20.4
11 27	2 11.15	+17 13.0	2.578	3.475	7.8	20.6
12 7	2 5.87	+16 52.7	2.660	3.472	10.5	20.8

107727 2001 FF_{27} 11 2.2 219°.15 5°.2/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.92	+30 13.8	2.156	2.928	14.6	20.5
10 8	2 54.03	+30 45.4	2.064	2.922	12.0	20.3
10 18	2 45.73	+31 0.8	1.994	2.915	9.1	20.1
10 28	2 35.69	+30 57.4	1.950	2.908	6.3	20.0
11 7	2 24.96	+30 35.4	1.933	2.900	5.2	19.9
11 17	2 14.70	+29 57.5	1.945	2.892	6.8	20.0
11 27	2 6.01	+29 9.9	1.984	2.884	9.7	20.1
12 7	1 59.71	+28 19.6	2.048	2.875	12.7	20.3

475285 2005 WU_{163} 11 2.2 323°.48 2°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.24	+ 9 24.0	1.400	2.261	16.6	21.0
10 8	2 52.59	+ 9 12.2	1.326	2.251	12.6	20.7
10 18	2 45.08	+ 8 55.9	1.273	2.241	7.9	20.4
10 28	2 35.51	+ 8 39.3	1.244	2.233	3.4	20.2
11 7	2 25.16	+ 8 27.3	1.241	2.224	4.3	20.2
11 17	2 15.48	+ 8 24.6	1.264	2.216	9.2	20.4
11 27	2 7.79	+ 8 35.2	1.311	2.209	13.9	20.7
12 7	2 2.96	+ 9 0.8	1.379	2.202	17.9	20.9

66077 1998 RL_{53} 11 2.2 331°.02 4°.3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.79	+27 18.9	2.078	2.872	14.4	18.7
10 8	2 50.89	+27 45.8	1.992	2.867	11.6	18.5
10 18	2 43.74	+27 57.8	1.928	2.862	8.4	18.3
10 28	2 34.99	+27 53.4	1.889	2.858	5.5	18.1
11 7	2 25.64	+27 33.6	1.878	2.853	4.3	18.0
11 17	2 16.76	+27 1.4	1.895	2.849	6.4	18.1
11 27	2 9.39	+26 22.4	1.939	2.846	9.5	18.3
12 7	2 4.26	+25 42.9	2.007	2.842	12.6	18.5

74268 1998 SK_{109} 11 2.2 7°.57 9°.3/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.25	+29 42.1	1.143	1.970	21.7	18.1
10 8	2 53.67	+31 30.2	1.085	1.972	18.1	17.9
10 18	2 46.28	+32 56.7	1.044	1.975	14.1	17.7
10 28	2 36.03	+33 53.8	1.023	1.981	10.7	17.5
11 7	2 24.67	+34 17.7	1.025	1.989	9.3	17.5
11 17	2 14.23	+34 10.9	1.049	1.998	11.0	17.6
11 27	2 6.60	+33 42.6	1.095	2.010	14.4	17.8
12 7	2 2.84	+33 4.9	1.161	2.023	17.9	18.1

454464 2014 OS_{53} 11 2.2 7°.66 8°.7/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.44	− 5 13.6	1.635	2.496	14.6	20.7
10 8	2 47.58	− 6 28.6	1.586	2.497	11.8	20.5
10 18	2 41.57	− 7 35.0	1.558	2.500	9.5	20.4
10 28	2 34.19	− 8 24.4	1.555	2.503	8.7	20.3
11 7	2 26.46	− 8 50.3	1.577	2.507	9.9	20.4
11 17	2 19.41	− 8 49.5	1.623	2.512	12.3	20.6
11 27	2 13.96	− 8 21.7	1.691	2.518	15.0	20.8
12 7	2 10.71	− 7 30.0	1.778	2.524	17.5	21.0

133194 2003 QG_{58} 11 2.2 334°.84 5°.3/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.34	+ 1 54.7	2.055	2.910	12.3	19.4
10 8	2 47.18	+ 0 49.2	1.988	2.905	9.4	19.2
10 18	2 41.22	− 0 15.6	1.945	2.901	6.7	19.1
10 28	2 34.07	− 1 13.6	1.928	2.898	5.3	19.0
11 7	2 26.56	− 1 59.1	1.940	2.894	6.4	19.0
11 17	2 19.54	− 2 27.7	1.978	2.891	9.1	19.2
11 27	2 13.80	− 2 37.0	2.041	2.888	12.0	19.4
12 7	2 9.91	− 2 26.9	2.126	2.885	14.6	19.6

468547 2006 SA_{135} 11 2.2 55°.48 2°.3/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.60	+23 18.2	1.157	2.000	20.5	20.8
10 8	2 54.36	+22 48.3	1.117	2.028	15.7	20.6
10 18	2 45.96	+21 55.8	1.096	2.055	10.3	20.4
10 28	2 35.69	+20 44.4	1.098	2.084	4.7	20.2
11 7	2 25.23	+19 21.9	1.125	2.112	3.0	20.2
11 17	2 16.17	+17 58.8	1.177	2.141	8.0	20.6
11 27	2 9.74	+16 45.6	1.254	2.169	12.8	20.9
12 7	2 6.49	+15 49.5	1.352	2.198	16.8	21.3

16330 3276 $T\text{-}_2$ 11 2.2 274°.52 3°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.21	+ 8 19.7	1.770	2.622	14.1	18.8
10 8	2 50.38	+ 7 36.2	1.700	2.621	10.6	18.6
10 18	2 43.34	+ 6 48.5	1.654	2.620	6.7	18.4
10 28	2 34.83	+ 6 1.5	1.634	2.619	3.5	18.2
11 7	2 25.88	+ 5 21.1	1.642	2.618	4.6	18.3
11 17	2 17.54	+ 4 52.3	1.677	2.618	8.3	18.5
11 27	2 10.79	+ 4 38.8	1.738	2.617	12.1	18.7
12 7	2 6.28	+ 4 42.1	1.821	2.616	15.3	18.9

303484 2005 EZ_{51} 11 2.2 136°.15 2°.6/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.20	+10 43.6	2.064	2.908	12.7	21.1
10 8	2 49.25	+ 9 39.7	1.998	2.915	9.4	21.0
10 18	2 42.46	+ 8 29.6	1.957	2.922	5.9	20.8
10 28	2 34.50	+ 7 18.2	1.943	2.929	2.8	20.6
11 7	2 26.24	+ 6 11.6	1.959	2.936	3.9	20.7
11 17	2 18.57	+ 5 15.1	2.003	2.943	7.3	20.9
11 27	2 12.28	+ 4 33.2	2.075	2.949	10.6	21.1
12 7	2 7.93	+ 4 8.0	2.169	2.954	13.5	21.3

490464 2009 SB_{283} 11 2.2 344°.94 0°.1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.07	+14 14.0	1.997	2.832	13.4	20.9
10 8	2 50.94	+14 22.8	1.918	2.829	10.1	20.7
10 18	2 43.68	+14 25.5	1.862	2.826	6.3	20.5
10 28	2 34.98	+14 23.4	1.833	2.823	2.2	20.2
11 7	2 25.76	+14 19.0	1.833	2.821	2.1	20.2
11 17	2 17.03	+14 15.1	1.862	2.819	6.2	20.5
11 27	2 9.75	+14 15.4	1.918	2.817	10.0	20.7
12 7	2 4.59	+14 22.6	1.998	2.815	13.3	20.9

11135 Ryokami 11 2.2 143°.28 0°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.40	+14 17.2	2.322	3.153	11.9	18.7
10 8	2 49.28	+13 49.4	2.249	3.159	8.9	18.6
10 18	2 42.44	+13 14.5	2.201	3.165	5.5	18.4
10 28	2 34.49	+12 35.4	2.180	3.170	1.9	18.1
11 7	2 26.23	+11 55.6	2.190	3.175	2.2	18.2
11 17	2 18.47	+11 19.3	2.229	3.180	5.8	18.4
11 27	2 11.96	+10 50.2	2.296	3.185	9.1	18.6
12 7	2 7.24	+10 31.3	2.387	3.190	11.9	18.8

117470 2005 BQ_{11} 11 2.2 310°.34 0°.1/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 52.69	+15 55.3	2.028	2.865	13.1	20.4
10 8	2 48.52	+15 38.9	1.932	2.844	10.0	20.1
10 18	2 42.26	+15 13.2	1.859	2.823	6.3	19.9
10 28	2 34.52	+14 40.3	1.812	2.802	2.2	19.6
11 7	2 26.15	+14 3.8	1.793	2.781	2.1	19.5
11 17	2 18.13	+13 28.2	1.803	2.761	6.4	19.8
11 27	2 11.44	+12 58.4	1.840	2.740	10.3	20.0
12 7	2 6.78	+12 38.6	1.901	2.721	13.8	20.2

1268 Libya 11 2.2 301°.32 1°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.45	+20 32.5	3.014	3.823	10.0	15.1
10 8	2 46.14	+20 27.0	2.921	3.815	7.7	14.9
10 18	2 40.44	+20 13.3	2.853	3.807	5.1	14.7
10 28	2 33.81	+19 52.2	2.813	3.798	2.3	14.5
11 7	2 26.84	+19 25.5	2.803	3.790	1.6	14.5
11 17	2 20.16	+18 56.1	2.823	3.782	4.2	14.6
11 27	2 14.40	+18 27.1	2.872	3.774	7.0	14.8
12 7	2 10.02	+18 1.8	2.947	3.766	9.4	15.0

392351 2010 FC_{88} 11 2.2 157°.23 1°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.88	+13 42.8	2.150	2.982	12.6	21.9
10 8	2 50.50	+13 2.9	2.077	2.989	9.4	21.7
10 18	2 43.24	+12 15.4	2.030	2.994	5.8	21.5
10 28	2 34.78	+11 23.6	2.010	2.999	2.1	21.2
11 7	2 25.98	+10 32.2	2.019	3.004	2.6	21.3
11 17	2 17.75	+ 9 45.9	2.059	3.008	6.4	21.5
11 27	2 10.89	+ 9 9.3	2.126	3.012	9.8	21.8
12 7	2 5.99	+ 8 45.3	2.217	3.015	12.8	22.0

399300 2014 HC_{183} 11 2.2 54°.79 1°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.28	+12 53.3	1.808	2.655	14.1	21.3
10 8	2 49.63	+12 12.8	1.740	2.658	10.5	21.1
10 18	2 42.85	+11 24.3	1.695	2.662	6.5	20.9
10 28	2 34.67	+10 32.0	1.676	2.666	2.5	20.6
11 7	2 26.09	+ 9 41.2	1.686	2.670	3.2	20.7
11 17	2 18.14	+ 8 57.6	1.723	2.674	7.3	20.9
11 27	2 11.76	+ 8 26.0	1.787	2.678	11.1	21.2
12 7	2 7.57	+ 8 9.2	1.873	2.682	14.4	21.4

322116 2010 VH_{162} 11 2.2 107°.53 1°.1/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.79	+18 34.0	1.502	2.335	17.1	21.4
10 8	2 55.68	+18 32.0	1.441	2.349	13.1	21.2
10 18	2 46.78	+18 16.9	1.402	2.362	8.3	21.0
10 28	2 36.05	+17 50.0	1.387	2.375	3.3	20.7
11 7	2 24.86	+17 15.5	1.400	2.388	2.4	20.7
11 17	2 14.61	+16 39.0	1.441	2.401	7.3	21.0
11 27	2 6.52	+16 7.2	1.507	2.413	11.8	21.3
12 7	2 1.29	+15 45.4	1.597	2.424	15.6	21.6

45264 2000 AL_5 11 2.2 342°.49 2°.3/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.98	+22 2.7	1.601	2.433	16.3	19.1
10 8	2 50.69	+22 0.8	1.524	2.428	12.7	18.9
10 18	2 43.79	+21 43.1	1.468	2.424	8.5	18.6
10 28	2 35.07	+21 10.1	1.436	2.421	4.1	18.4
11 7	2 25.70	+20 25.3	1.431	2.417	2.8	18.3
11 17	2 16.97	+19 34.5	1.452	2.415	7.0	18.5
11 27	2 10.09	+18 45.1	1.500	2.412	11.3	18.8
12 7	2 5.83	+18 4.0	1.570	2.411	15.2	19.0

320039 2007 DA_{109} 11 2.2 75°.17 3°.9/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.24	+ 6 3.0	2.215	3.063	11.8	20.8
10 8	2 47.55	+ 4 48.1	2.166	3.084	8.8	20.6
10 18	2 41.28	+ 3 31.7	2.142	3.104	5.8	20.5
10 28	2 34.07	+ 2 19.5	2.147	3.125	3.9	20.4
11 7	2 26.68	+ 1 17.0	2.180	3.145	5.0	20.5
11 17	2 19.89	+ 0 28.5	2.242	3.165	7.6	20.7
11 27	2 14.36	− 0 3.1	2.331	3.185	10.4	20.9
12 7	2 10.55	− 0 17.1	2.442	3.205	12.8	21.1

305314 2008 AG_{45} 11 2.2 325°.86 6°.6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.28	+31 23.3	1.694	2.485	17.3	20.4
10 8	2 51.95	+32 2.0	1.608	2.474	14.3	20.2
10 18	2 44.76	+32 20.3	1.541	2.464	11.1	20.0
10 28	2 35.47	+32 14.9	1.497	2.454	8.0	19.8
11 7	2 25.31	+31 45.5	1.478	2.445	6.6	19.7
11 17	2 15.69	+30 55.7	1.485	2.436	8.2	19.8
11 27	2 8.00	+29 53.4	1.518	2.427	11.4	19.9
12 7	2 3.15	+28 48.3	1.573	2.419	14.9	20.1

383564 2007 EP_{136} 11 2.2 343°.81 1°.2/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.16	+14 42.8	1.151	2.024	18.5	21.0
10 8	2 49.28	+14 16.3	1.082	2.014	14.1	20.7
10 18	2 43.25	+13 36.4	1.033	2.004	8.8	20.4
10 28	2 34.95	+12 47.3	1.005	1.996	3.0	20.0
11 7	2 25.82	+11 56.3	1.002	1.989	3.5	20.0
11 17	2 17.46	+11 11.8	1.022	1.983	9.4	20.4
11 27	2 11.34	+10 41.7	1.065	1.978	14.8	20.6
12 7	2 8.38	+10 30.7	1.127	1.975	19.3	20.9

407645 2011 EF_{76} 11 2.2 287°.25 2°.9/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 59.81	+22 17.4	2.351	3.149	12.8	20.6
10 8	2 53.78	+23 1.7	2.249	3.132	10.1	20.4
10 18	2 45.56	+23 37.3	2.172	3.116	7.0	20.2
10 28	2 35.71	+24 2.6	2.122	3.099	4.0	20.0
11 7	2 25.10	+24 17.4	2.101	3.082	3.1	19.9
11 17	2 14.75	+24 23.0	2.111	3.066	5.8	20.0
11 27	2 5.68	+24 22.7	2.149	3.049	9.1	20.2
12 7	1 58.65	+24 21.0	2.213	3.032	12.1	20.4

256394 2006 YL_{51} 11 2.2 65°.99 1°.7/31.9 18

9 28	2 54.32	+12 0.4	1.954	2.798	13.3	20.9
10 8	2 49.47	+11 28.4	1.890	2.807	9.9	20.7
10 18	2 42.66	+10 50.2	1.850	2.816	6.1	20.5
10 28	2 34.60	+10 9.6	1.836	2.826	2.4	20.2
11 7	2 26.22	+ 9 31.0	1.852	2.835	3.0	20.3
11 17	2 18.45	+ 8 59.1	1.895	2.844	6.8	20.6
11 27	2 12.14	+ 8 37.7	1.965	2.854	10.4	20.8
12 7	2 7.87	+ 8 29.1	2.059	2.864	13.4	21.0

344986 2004 YT_{16} 11 2.2 24°.10 1°.9/ 1.1 18

9 28	2 55.60	+11 56.9	1.501	2.357	15.9	20.1
10 8	2 51.01	+11 30.7	1.438	2.361	11.9	19.9
10 18	2 43.89	+10 57.0	1.397	2.365	7.4	19.6
10 28	2 35.08	+10 20.1	1.381	2.370	2.8	19.4
11 7	2 25.78	+ 9 45.5	1.391	2.375	3.6	19.4
11 17	2 17.24	+ 9 18.8	1.427	2.381	8.2	19.7
11 27	2 10.58	+ 9 4.7	1.489	2.386	12.5	20.0
12 7	2 6.50	+ 9 5.7	1.572	2.393	16.2	20.3

406982 2009 QZ_{64} 11 2.2 327°.15 3°.9/30.4 18

9 28	2 54.44	+ 4 6.3	2.108	2.955	12.3	20.1
10 8	2 49.49	+ 3 37.8	2.036	2.952	9.3	19.9
10 18	2 42.67	+ 3 9.6	1.988	2.950	6.2	19.7
10 28	2 34.62	+ 2 46.1	1.968	2.947	4.0	19.6
11 7	2 26.18	+ 2 31.2	1.976	2.944	5.0	19.6
11 17	2 18.24	+ 2 28.1	2.011	2.942	7.9	19.8
11 27	2 11.61	+ 2 38.8	2.074	2.940	11.0	20.0
12 7	2 6.88	+ 3 3.7	2.159	2.938	13.8	20.2

7523 1991 PF_{18} 11 2.2 350°.05 2°.0/ 3.5 18

9 28	2 53.43	+21 37.9	1.401	2.244	17.5	16.9
10 8	2 49.82	+21 24.9	1.328	2.239	13.6	16.7
10 18	2 43.38	+20 53.7	1.275	2.235	9.0	16.4
10 28	2 34.96	+20 5.7	1.245	2.232	4.1	16.1
11 7	2 25.86	+19 5.9	1.241	2.229	2.8	16.0
11 17	2 17.50	+18 1.7	1.263	2.227	7.5	16.3
11 27	2 11.15	+17 2.1	1.309	2.226	12.3	16.6
12 7	2 7.64	+16 14.6	1.377	2.225	16.5	16.8

443296 2014 FB_{15} 11 2.2 168°.91 5°.4/29.4 18

9 28	2 56.28	+ 1 58.0	1.883	2.732	13.5	21.1
10 8	2 51.00	+ 1 4.7	1.819	2.734	10.3	20.9
10 18	2 43.65	+ 0 12.9	1.778	2.735	7.2	20.8
10 28	2 34.96	− 0 31.5	1.765	2.737	5.4	20.7
11 7	2 25.90	− 1 2.9	1.779	2.738	6.5	20.7
11 17	2 17.44	− 1 17.2	1.820	2.738	9.4	20.9
11 27	2 10.51	− 1 12.5	1.887	2.739	12.6	21.1
12 7	2 5.70	− 0 49.1	1.975	2.739	15.4	21.3

522010 2015 XW_{198} 11 2.2 262°.02 0°.9/ 1.5 18

9 28	2 55.67	+12 24.0	2.213	3.047	12.3	21.1
10 8	2 50.40	+12 19.2	2.134	3.046	9.2	20.9
10 18	2 43.25	+12 9.4	2.080	3.044	5.7	20.7
10 28	2 34.84	+11 56.7	2.053	3.043	2.0	20.4
11 7	2 25.99	+11 43.9	2.055	3.041	2.3	20.4
11 17	2 17.62	+11 34.2	2.087	3.040	6.0	20.7
11 27	2 10.54	+11 30.6	2.147	3.038	9.5	20.9
12 7	2 5.37	+11 35.4	2.231	3.037	12.5	21.1

277212 2005 QT_{130} 11 2.2 335°.11 4°.0/30.3 18

9 28	2 53.24	+ 6 8.8	1.826	2.681	13.5	20.7
10 8	2 48.87	+ 5 21.4	1.755	2.677	10.2	20.5
10 18	2 42.41	+ 4 31.7	1.708	2.672	6.7	20.3
10 28	2 34.56	+ 3 44.9	1.687	2.669	4.1	20.1
11 7	2 26.26	+ 3 6.9	1.693	2.665	5.3	20.2
11 17	2 18.51	+ 2 42.4	1.727	2.661	8.6	20.4
11 27	2 12.24	+ 2 34.6	1.786	2.658	12.1	20.6
12 7	2 8.09	+ 2 44.5	1.867	2.656	15.2	20.8

73864 1996 YS_{2} 11 2.2 292°.66 0°.9/ 1.7 18

9 28	2 57.65	+14 3.0	1.413	2.265	16.9	19.2
10 8	2 53.16	+13 50.2	1.325	2.245	12.9	18.9
10 18	2 45.64	+13 27.1	1.258	2.225	8.2	18.6
10 28	2 35.83	+12 56.5	1.215	2.205	2.8	18.2
11 7	2 25.01	+12 23.3	1.198	2.185	3.2	18.2
11 17	2 14.68	+11 53.6	1.207	2.165	8.7	18.5
11 27	2 6.32	+11 33.9	1.241	2.145	13.9	18.7
12 7	2 0.94	+11 29.0	1.296	2.126	18.4	18.9

214673 2006 SU_{182} 11 2.2 28°.39 0°.7/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 53.59	+15 32.9	1.657	2.504	15.1	20.6
10 8	2 49.31	+14 56.9	1.591	2.510	11.3	20.4
10 18	2 42.74	+14 10.1	1.549	2.515	7.0	20.2
10 28	2 34.67	+13 16.3	1.531	2.521	2.4	19.9
11 7	2 26.18	+12 21.2	1.541	2.528	2.7	19.9
11 17	2 18.39	+11 31.0	1.579	2.535	7.2	20.2
11 27	2 12.30	+10 51.6	1.642	2.542	11.3	20.5
12 7	2 8.55	+10 26.8	1.727	2.550	14.9	20.7

140389 2001 TM_{54} 11 2.2 336°.60 0°.0/ 2.0 18

9 28	2 51.99	+18 50.8	1.737	2.577	14.8	19.1
10 8	2 48.15	+17 58.4	1.659	2.572	11.3	18.8
10 18	2 42.06	+16 50.7	1.603	2.567	7.1	18.6
10 28	2 34.45	+15 31.4	1.572	2.562	2.5	18.3
11 7	2 26.37	+14 7.0	1.570	2.558	2.3	18.3
11 17	2 18.88	+12 45.3	1.596	2.554	6.9	18.6
11 27	2 12.99	+11 33.8	1.648	2.551	11.2	18.8
12 7	2 9.36	+10 38.2	1.723	2.547	14.8	19.0

268949 2007 DZ_{49} 11 2.2 176°.18 1°.0/ 1.5 18

9 28	2 57.82	+14 28.5	1.896	2.730	14.0	21.6
10 8	2 52.26	+13 55.1	1.821	2.732	10.5	21.4
10 18	2 44.50	+13 12.6	1.770	2.734	6.5	21.1
10 28	2 35.28	+12 24.3	1.745	2.735	2.3	20.9
11 7	2 25.62	+11 35.0	1.750	2.736	2.7	20.9
11 17	2 16.58	+10 50.2	1.783	2.736	6.9	21.2
11 27	2 9.13	+10 14.9	1.844	2.735	10.8	21.4
12 7	2 3.91	+ 9 52.8	1.928	2.734	14.2	21.6

194126 2001 SG_{276} 11 2.2 154°.86 3°.9/ 2.6 18

9 28	3 40.36	+13 46.9	0.911	1.726	26.9	20.0
10 8	3 27.76	+16 9.1	0.846	1.741	21.1	19.7
10 18	3 8.58	+18 33.8	0.800	1.755	13.9	19.3
10 28	2 44.11	+20 47.1	0.780	1.766	6.3	19.0
11 7	2 17.55	+22 34.2	0.790	1.774	5.4	19.0
11 17	1 52.95	+23 49.3	0.829	1.781	12.5	19.4
11 27	1 33.62	+24 39.8	0.893	1.785	19.2	19.8
12 7	1 20.93	+25 19.2	0.977	1.787	24.5	20.1

266753 2009 SL_{76} 11 2.2 3°.97 3°.3/30.7 17

9 28	2 51.75	+ 7 59.0	1.827	2.684	13.5	20.5
10 8	2 47.72	+ 7 13.4	1.761	2.684	10.1	20.3
10 18	2 41.67	+ 6 24.2	1.718	2.684	6.4	20.1
10 28	2 34.30	+ 5 36.5	1.701	2.685	3.5	19.9
11 7	2 26.54	+ 4 55.6	1.711	2.687	4.6	20.0
11 17	2 19.34	+ 4 26.6	1.749	2.689	8.1	20.2
11 27	2 13.61	+ 4 12.9	1.812	2.692	11.6	20.5
12 7	2 9.93	+ 4 15.8	1.897	2.695	14.7	20.7

391497 2007 PP_{13} 11 2.2 104°.97 8°.8/26.9 18

9 28	2 56.93	− 7 18.6	1.787	2.630	14.4	20.3
10 8	2 51.46	− 8 32.6	1.742	2.640	11.7	20.1
10 18	2 43.89	− 9 36.2	1.719	2.650	9.6	20.0
10 28	2 35.04	−10 21.7	1.722	2.659	8.8	20.0
11 7	2 25.92	−10 43.4	1.751	2.669	9.9	20.1
11 17	2 17.56	−10 38.7	1.804	2.678	12.1	20.2
11 27	2 10.84	−10 8.1	1.881	2.687	14.5	20.4
12 7	2 6.32	− 9 15.0	1.977	2.696	16.8	20.6

310078 2010 KF_{116} 11 2.2 144°.49 0°.4/ 2.6 18

9 28	2 55.22	+19 4.3	2.482	3.296	11.7	21.8
10 8	2 49.80	+18 26.9	2.409	3.307	8.9	21.6
10 18	2 42.73	+17 39.3	2.360	3.318	5.6	21.4
10 28	2 34.63	+16 43.8	2.340	3.328	2.1	21.2
11 7	2 26.28	+15 44.2	2.350	3.338	1.6	21.2
11 17	2 18.45	+14 45.2	2.391	3.346	5.1	21.4
11 27	2 11.86	+13 51.5	2.460	3.355	8.3	21.7
12 7	2 7.02	+13 7.1	2.556	3.362	11.1	21.9

443283 2014 EZ_{47} 11 2.2 115°.48 2°.2/ 3.9 18

9 28	3 0.92	+21 48.5	2.225	3.025	13.3	21.4
10 8	2 54.27	+22 3.9	2.158	3.044	10.3	21.2
10 18	2 45.61	+22 8.0	2.115	3.063	6.9	21.1
10 28	2 35.65	+22 0.9	2.099	3.081	3.5	20.9
11 7	2 25.36	+21 44.3	2.114	3.098	2.5	20.9
11 17	2 15.71	+21 21.6	2.158	3.115	5.5	21.1
11 27	2 7.59	+20 57.3	2.231	3.131	8.8	21.3
12 7	2 1.60	+20 36.0	2.330	3.147	11.7	21.5

329395 2002 AC 11 2.2 179°.90 8°.5/25.1 12 C

9 28	3 4.33	−17 51.9	2.936	3.709	11.1	23.8
10 8	2 56.25	−18 52.6	2.881	3.713	9.7	23.7
10 18	2 46.60	−19 40.5	2.851	3.715	8.8	23.6
10 28	2 35.97	−20 10.1	2.849	3.715	8.6	23.6
11 7	2 25.11	−20 17.9	2.875	3.715	9.2	23.7
11 17	2 14.81	−20 2.6	2.929	3.713	10.5	23.7
11 27	2 5.74	−19 25.3	3.008	3.709	11.9	23.9
12 7	1 58.40	−18 28.9	3.107	3.705	13.3	24.0

145318 2005 LT_{13} 11 2.2 352°.67 2°.7/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 53.63	+10 37.4	1.809	2.660	13.8	20.4
10 8	2 49.18	+ 9 45.1	1.739	2.660	10.4	20.2
10 18	2 42.62	+ 8 46.1	1.692	2.659	6.5	20.0
10 28	2 34.66	+ 7 45.5	1.672	2.659	3.0	19.7
11 7	2 26.27	+ 6 49.2	1.679	2.659	4.1	19.8
11 17	2 18.48	+ 6 3.3	1.714	2.658	7.9	20.1
11 27	2 12.22	+ 5 32.2	1.775	2.658	11.6	20.3
12 7	2 8.10	+ 5 18.2	1.859	2.658	14.9	20.5

99081 2001 FR_{21} 11 2.2 310°.41 3°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.01	+ 6 36.2	2.072	2.920	12.5	19.1
10 8	2 49.30	+ 6 11.5	1.992	2.909	9.4	18.8
10 18	2 42.65	+ 5 45.2	1.935	2.900	6.1	18.6
10 28	2 34.68	+ 5 21.0	1.906	2.890	3.4	18.4
11 7	2 26.23	+ 5 3.1	1.905	2.880	4.3	18.5
11 17	2 18.23	+ 4 54.9	1.932	2.871	7.5	18.7
11 27	2 11.53	+ 4 59.3	1.986	2.862	10.9	18.9
12 7	2 6.77	+ 5 17.1	2.062	2.853	13.9	19.0

114744 2003 HU_{20} 11 2.2 58°.84 3°.6/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.41	+ 8 41.3	1.405	2.264	16.6	19.1
10 8	2 52.86	+ 7 51.1	1.368	2.291	12.3	18.9
10 18	2 44.83	+ 6 57.3	1.352	2.319	7.7	18.7
10 28	2 35.36	+ 6 6.2	1.361	2.347	4.0	18.6
11 7	2 25.75	+ 5 24.5	1.397	2.374	5.1	18.7
11 17	2 17.21	+ 4 57.5	1.459	2.402	9.1	19.0
11 27	2 10.75	+ 4 48.2	1.546	2.430	13.0	19.3
12 7	2 6.90	+ 4 56.9	1.654	2.458	16.2	19.6

305864 2009 ER_{25} 11 2.2 256°.04 1°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.28	+19 48.5	2.030	2.845	13.9	21.4
10 8	2 53.56	+20 9.1	1.937	2.834	10.8	21.2
10 18	2 45.49	+20 19.9	1.868	2.822	7.2	20.9
10 28	2 35.73	+20 20.5	1.825	2.809	3.4	20.7
11 7	2 25.26	+20 12.3	1.811	2.797	2.4	20.6
11 17	2 15.18	+19 58.2	1.826	2.784	6.2	20.8
11 27	2 6.60	+19 42.7	1.869	2.771	10.0	21.0
12 7	2 0.30	+19 30.6	1.936	2.758	13.5	21.2

55868 1997 SH_{31} 11 2.2 271°.71 0°.3/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.93	+17 37.3	1.661	2.498	15.5	20.1
10 8	2 52.17	+17 18.9	1.572	2.483	11.9	19.9
10 18	2 44.79	+16 47.8	1.505	2.468	7.6	19.6
10 28	2 35.51	+16 5.7	1.463	2.453	2.8	19.3
11 7	2 25.46	+15 17.2	1.449	2.437	2.3	19.2
11 17	2 15.92	+14 28.1	1.463	2.422	7.3	19.5
11 27	2 8.12	+13 45.4	1.502	2.406	12.0	19.7
12 7	2 2.90	+13 14.9	1.564	2.390	16.0	19.9

43393 2000 WL_{86} 11 2.2 56°.65 3°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.53	+23 27.7	1.355	2.187	18.6	18.8
10 8	2 53.73	+23 26.7	1.289	2.192	14.6	18.6
10 18	2 45.85	+23 6.0	1.242	2.197	9.9	18.3
10 28	2 35.86	+22 25.9	1.218	2.201	5.0	18.1
11 7	2 25.22	+21 30.5	1.220	2.206	3.5	18.0
11 17	2 15.49	+20 27.3	1.249	2.212	7.7	18.3
11 27	2 8.06	+19 26.0	1.302	2.217	12.5	18.5
12 7	2 3.73	+18 34.8	1.376	2.222	16.6	18.8

150113 1991 VX_{4} 11 2.2 355°.76 2°.8/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.49	+16 38.2	0.897	1.780	21.6	18.0
10 8	2 51.19	+17 47.6	0.837	1.771	16.8	17.6
10 18	2 44.95	+18 47.9	0.793	1.763	11.1	17.3
10 28	2 35.72	+19 36.5	0.770	1.758	5.1	17.0
11 7	2 25.26	+20 12.7	0.768	1.755	3.9	16.9
11 17	2 15.70	+20 38.6	0.787	1.755	9.8	17.2
11 27	2 9.02	+21 0.0	0.827	1.758	15.6	17.6
12 7	2 6.35	+21 23.4	0.884	1.762	20.6	17.9

167273 2003 UK_{148} 11 2.2 345°.99 4°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.87	+ 7 51.8	1.624	2.485	14.7	19.8
10 8	2 48.82	+ 6 37.6	1.557	2.482	11.0	19.5
10 18	2 42.48	+ 5 17.9	1.513	2.480	7.1	19.3
10 28	2 34.64	+ 3 59.6	1.496	2.478	4.4	19.1
11 7	2 26.34	+ 2 50.8	1.505	2.477	5.8	19.2
11 17	2 18.68	+ 1 58.2	1.541	2.475	9.5	19.4
11 27	2 12.66	+ 1 26.7	1.601	2.474	13.3	19.7
12 7	2 8.96	+ 1 17.4	1.682	2.473	16.5	19.9

515024 2009 SK_{303} 11 2.2 62°.50 1°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.81	+13 59.3	2.084	2.924	12.7	21.8
10 8	2 48.29	+13 18.4	2.016	2.931	9.5	21.6
10 18	2 41.93	+12 29.7	1.972	2.938	5.8	21.4
10 28	2 34.41	+11 36.7	1.955	2.945	2.1	21.1
11 7	2 26.56	+10 44.2	1.967	2.952	2.6	21.2
11 17	2 19.27	+ 9 57.1	2.007	2.959	6.3	21.5
11 27	2 13.33	+ 9 20.0	2.075	2.966	9.8	21.7
12 7	2 9.29	+ 8 55.7	2.167	2.973	12.8	21.9

404469 2013 GR_{126} 11 2.2 275°.24 2°.6/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.76	+ 8 49.7	2.023	2.868	12.8	21.5
10 8	2 49.93	+ 8 19.3	1.941	2.858	9.7	21.3
10 18	2 43.09	+ 7 44.9	1.882	2.848	6.1	21.0
10 28	2 34.86	+ 7 10.5	1.851	2.837	3.0	20.8
11 7	2 26.12	+ 6 40.4	1.848	2.827	3.9	20.8
11 17	2 17.84	+ 6 18.8	1.873	2.816	7.4	21.0
11 27	2 10.92	+ 6 9.4	1.925	2.805	11.0	21.2
12 7	2 6.00	+ 6 13.8	2.000	2.795	14.1	21.4

454794 2015 PZ_{218} 11 2.2 58°.72 1°.1/ 3.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.81	+21 21.8	1.695	2.525	15.6	21.4
10 8	2 50.13	+20 40.7	1.637	2.542	11.9	21.2
10 18	2 43.19	+19 43.6	1.600	2.559	7.6	21.0
10 28	2 34.84	+18 33.9	1.589	2.576	3.1	20.8
11 7	2 26.21	+17 17.5	1.606	2.594	2.1	20.7
11 17	2 18.40	+16 1.6	1.651	2.611	6.5	21.1
11 27	2 12.35	+14 53.8	1.722	2.629	10.5	21.3
12 7	2 8.65	+13 59.5	1.818	2.647	13.9	21.6

118545 2000 EC_{124} 11 2.2 95°.71 1°.4/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.96	+19 51.8	1.653	2.478	16.2	21.0
10 8	2 54.79	+19 45.3	1.596	2.498	12.3	20.8
10 18	2 46.12	+19 25.2	1.560	2.518	7.9	20.6
10 28	2 35.87	+18 53.2	1.550	2.537	3.3	20.4
11 7	2 25.29	+18 13.2	1.569	2.556	2.3	20.4
11 17	2 15.63	+17 30.8	1.616	2.575	6.7	20.7
11 27	2 7.94	+16 52.4	1.689	2.593	10.8	21.0
12 7	2 2.87	+16 23.2	1.786	2.611	14.3	21.3

483730 2005 TZ_{144} 11 2.2 303°.78 0°.2/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.88	+14 15.2	1.905	2.738	14.0	21.4
10 8	2 53.41	+14 39.0	1.810	2.719	10.7	21.1
10 18	2 45.50	+14 57.8	1.738	2.700	6.8	20.9
10 28	2 35.78	+15 11.9	1.692	2.681	2.4	20.6
11 7	2 25.25	+15 22.8	1.675	2.663	2.2	20.5
11 17	2 15.06	+15 32.8	1.687	2.645	6.7	20.8
11 27	2 6.36	+15 45.3	1.727	2.627	10.9	21.0
12 7	2 0.00	+16 3.3	1.790	2.609	14.5	21.2

488188 2015 XG_{161} 11 2.2 345°.93 3°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.15	+ 5 36.9	2.115	2.960	12.4	21.0
10 8	2 50.04	+ 5 15.1	2.043	2.959	9.3	20.8
10 18	2 43.05	+ 4 52.8	1.995	2.958	6.1	20.6
10 28	2 34.82	+ 4 33.8	1.975	2.957	3.5	20.5
11 7	2 26.20	+ 4 21.7	1.983	2.957	4.4	20.5
11 17	2 18.09	+ 4 19.6	2.020	2.956	7.5	20.7
11 27	2 11.30	+ 4 29.8	2.083	2.956	10.7	20.9
12 7	2 6.43	+ 4 52.7	2.170	2.955	13.5	21.1

365314 2009 SP_{55} 11 2.2 30°.00 0°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.30	+18 50.6	1.937	2.773	13.7	19.9
10 8	2 47.32	+17 42.7	1.867	2.779	10.3	19.7
10 18	2 41.39	+16 20.9	1.821	2.785	6.4	19.5
10 28	2 34.25	+14 49.6	1.802	2.791	2.2	19.3
11 7	2 26.79	+13 15.5	1.811	2.798	2.2	19.3
11 17	2 19.94	+11 45.9	1.850	2.806	6.4	19.6
11 27	2 14.54	+10 27.7	1.916	2.813	10.1	19.8
12 7	2 11.14	+ 9 25.7	2.006	2.821	13.3	20.0

270968 2002 VU_{102} 11 2.2 353°.11 2°.0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.94	+19 37.6	1.116	1.979	19.7	20.1
10 8	2 50.85	+19 48.1	1.050	1.973	15.3	19.8
10 18	2 44.38	+19 41.7	1.002	1.968	10.1	19.5
10 28	2 35.46	+19 19.1	0.976	1.964	4.4	19.2
11 7	2 25.64	+18 44.3	0.973	1.961	3.1	19.1
11 17	2 16.68	+18 4.5	0.994	1.960	8.7	19.4
11 27	2 10.15	+17 28.7	1.037	1.960	14.1	19.7
12 7	2 7.01	+17 4.4	1.100	1.961	18.7	20.0

227852 2007 DX_{46} 11 2.2 206°.04 0°.1/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.88	+16 44.2	1.876	2.706	14.3	21.5
10 8	2 52.47	+16 17.7	1.794	2.702	10.9	21.3
10 18	2 44.76	+15 40.2	1.736	2.698	6.8	21.1
10 28	2 35.48	+14 54.2	1.704	2.693	2.4	20.8
11 7	2 25.66	+14 4.0	1.700	2.688	2.2	20.8
11 17	2 16.40	+13 15.3	1.726	2.682	6.7	21.0
11 27	2 8.75	+12 33.8	1.779	2.676	10.8	21.3
12 7	2 3.40	+12 4.2	1.855	2.669	14.3	21.5

43319 2000 JA_{38} 11 2.3 170°.42 3°.6/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.80	+ 5 13.7	1.878	2.717	14.0	19.0
10 8	2 55.22	+ 5 0.2	1.808	2.720	10.6	18.8
10 18	2 46.37	+ 4 46.9	1.761	2.722	6.9	18.6
10 28	2 36.01	+ 4 37.5	1.742	2.724	3.9	18.4
11 7	2 25.20	+ 4 35.7	1.751	2.726	4.7	18.5
11 17	2 15.03	+ 4 44.5	1.790	2.727	8.2	18.7
11 27	2 6.51	+ 5 5.8	1.855	2.727	11.8	18.9
12 7	2 0.33	+ 5 39.7	1.944	2.728	14.9	19.2

73165 2002 GE_{166} 11 2.3 75°.12 7°.2/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.78	− 0 45.7	1.653	2.509	14.7	19.5
10 8	2 50.68	− 2 10.1	1.612	2.527	11.4	19.4
10 18	2 43.45	− 3 29.5	1.594	2.545	8.5	19.2
10 28	2 34.94	− 4 35.6	1.602	2.563	7.2	19.2
11 7	2 26.22	− 5 21.7	1.637	2.581	8.4	19.3
11 17	2 18.33	− 5 43.7	1.697	2.599	11.1	19.5
11 27	2 12.16	− 5 40.8	1.781	2.617	14.0	19.7
12 7	2 8.24	− 5 15.1	1.885	2.634	16.5	20.0

225255 2009 RA_{3} 11 2.3 33°.51 3°.1/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.69	+11 9.3	1.012	1.892	19.9	19.5
10 8	2 51.70	+10 26.3	0.975	1.910	14.8	19.3
10 18	2 44.51	+ 9 35.1	0.958	1.930	9.1	19.0
10 28	2 35.35	+ 8 43.3	0.962	1.951	3.9	18.8
11 7	2 25.90	+ 7 59.4	0.990	1.973	5.0	19.0
11 17	2 17.74	+ 7 30.6	1.041	1.996	10.2	19.3
11 27	2 12.12	+ 7 21.4	1.115	2.020	15.0	19.7
12 7	2 9.67	+ 7 32.7	1.207	2.045	19.0	20.0

389675 2011 PZ_{13} 11 2.3 57°.37 2°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.20	+21 35.4	1.613	2.441	16.3	21.3
10 8	2 52.13	+21 30.5	1.553	2.455	12.6	21.1
10 18	2 44.57	+21 10.4	1.514	2.470	8.3	20.8
10 28	2 35.39	+20 36.3	1.500	2.485	3.9	20.6
11 7	2 25.80	+19 52.3	1.513	2.500	2.6	20.6
11 17	2 17.06	+19 4.1	1.554	2.516	6.7	20.9
11 27	2 10.23	+18 18.8	1.621	2.531	10.8	21.1
12 7	2 5.98	+17 42.3	1.711	2.547	14.4	21.4

265970 2006 DJ_{12} 11 2.3 208°.89 0°.0/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.16	+16 24.2	2.669	3.491	10.8	21.7
10 8	2 48.30	+16 3.0	2.583	3.487	8.1	21.5
10 18	2 41.88	+15 34.3	2.522	3.483	5.1	21.3
10 28	2 34.43	+15 0.0	2.489	3.478	1.8	21.1
11 7	2 26.63	+14 23.0	2.486	3.473	1.6	21.1
11 17	2 19.20	+13 46.7	2.513	3.468	5.0	21.3
11 27	2 12.83	+13 15.0	2.569	3.463	8.1	21.5
12 7	2 8.04	+12 50.8	2.651	3.457	10.7	21.7

185121 2006 SK_{63} 11 2.3 113°.45 3°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.41	+ 6 6.0	1.931	2.782	13.1	20.3
10 8	2 49.62	+ 5 15.1	1.865	2.784	9.9	20.1
10 18	2 42.84	+ 4 22.1	1.823	2.786	6.5	19.9
10 28	2 34.78	+ 3 32.2	1.807	2.788	4.0	19.8
11 7	2 26.34	+ 2 51.0	1.819	2.790	5.1	19.9
11 17	2 18.48	+ 2 23.0	1.859	2.791	8.3	20.1
11 27	2 12.06	+ 2 11.3	1.925	2.793	11.6	20.3
12 7	2 7.68	+ 2 16.6	2.014	2.795	14.5	20.5

185228 2006 TT_{77} 11 2.3 217°.32 0°.9/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.76	+15 36.2	1.735	2.573	15.0	21.1
10 8	2 52.54	+14 54.0	1.654	2.567	11.3	20.8
10 18	2 44.88	+13 59.9	1.595	2.560	7.1	20.6
10 28	2 35.55	+12 57.6	1.563	2.553	2.4	20.3
11 7	2 25.63	+11 52.8	1.559	2.545	2.8	20.3
11 17	2 16.31	+10 52.3	1.584	2.537	7.5	20.6
11 27	2 8.69	+10 2.7	1.635	2.529	11.8	20.8
12 7	2 3.52	+ 9 28.7	1.708	2.519	15.5	21.0

110964 2001 UW_{170} 11 2.3 67°.52 0°.6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.33	+18 19.3	1.907	2.737	14.1	20.1
10 8	2 50.42	+18 3.2	1.838	2.745	10.7	19.9
10 18	2 43.39	+17 36.1	1.792	2.752	6.8	19.7
10 28	2 34.98	+16 59.9	1.772	2.760	2.6	19.4
11 7	2 26.17	+16 18.5	1.780	2.768	2.0	19.4
11 17	2 17.99	+15 36.8	1.817	2.776	6.1	19.7
11 27	2 11.37	+15 0.3	1.880	2.783	10.0	19.9
12 7	2 6.92	+14 33.1	1.968	2.791	13.3	20.2

394221 2006 SH_{302} 11 2.3 30°.14 1°.9/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.54	+21 35.5	1.589	2.423	16.3	21.1
10 8	2 50.24	+21 22.4	1.524	2.431	12.6	20.9
10 18	2 43.45	+20 53.4	1.481	2.439	8.3	20.7
10 28	2 35.03	+20 10.1	1.462	2.448	3.8	20.4
11 7	2 26.14	+19 17.1	1.469	2.457	2.5	20.4
11 17	2 18.02	+18 20.8	1.504	2.467	6.7	20.7
11 27	2 11.75	+17 28.5	1.565	2.477	11.0	20.9
12 7	2 8.00	+16 46.4	1.648	2.488	14.6	21.2

397934 2008 WU_{106} 11 2.3 273°.76 4°.4/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.98	+29 30.7	1.821	2.614	16.1	21.5
10 8	2 51.45	+29 18.2	1.725	2.600	13.1	21.2
10 18	2 44.34	+28 43.9	1.651	2.585	9.6	21.0
10 28	2 35.40	+27 46.6	1.600	2.570	6.1	20.7
11 7	2 25.75	+26 29.0	1.577	2.555	4.5	20.6
11 17	2 16.64	+24 57.2	1.582	2.540	6.9	20.7
11 27	2 9.28	+23 20.8	1.613	2.525	10.7	20.9
12 7	2 4.48	+21 49.4	1.669	2.510	14.4	21.1

29447 Jerzyneyman 11 2.3 17°.50 4°.0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.77	+ 6 50.3	1.392	2.254	16.6	18.5
10 8	2 52.84	+ 6 22.8	1.331	2.255	12.5	18.2
10 18	2 45.17	+ 5 53.1	1.291	2.258	8.1	18.0
10 28	2 35.65	+ 5 26.8	1.275	2.260	4.4	17.8
11 7	2 25.58	+ 5 9.6	1.285	2.263	5.4	17.9
11 17	2 16.33	+ 5 6.2	1.321	2.266	9.7	18.1
11 27	2 9.11	+ 5 19.6	1.382	2.270	13.9	18.4
12 7	2 4.66	+ 5 50.0	1.462	2.274	17.6	18.6

273438 2006 WQ_{153} 11 2.3 359°.64 4°.7/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.04	+ 5 49.0	1.185	2.058	18.1	20.0
10 8	2 52.74	+ 5 26.9	1.126	2.056	13.8	19.7
10 18	2 45.32	+ 5 4.0	1.086	2.054	9.0	19.4
10 28	2 35.75	+ 4 46.6	1.069	2.054	5.1	19.2
11 7	2 25.49	+ 4 40.9	1.076	2.054	6.2	19.3
11 17	2 16.13	+ 4 51.4	1.108	2.055	10.8	19.6
11 27	2 9.05	+ 5 20.5	1.162	2.057	15.4	19.8
12 7	2 5.09	+ 6 7.8	1.236	2.060	19.4	20.1

761 Brendelia 11 2.3 70°.79 0°.3/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.45	+17 13.4	1.964	2.795	13.7	15.3
10 8	2 50.46	+17 0.3	1.893	2.801	10.4	15.1
10 18	2 43.40	+16 37.4	1.846	2.807	6.6	14.9
10 28	2 34.99	+16 6.6	1.824	2.814	2.4	14.6
11 7	2 26.18	+15 31.7	1.832	2.820	2.0	14.6
11 17	2 17.95	+14 57.0	1.868	2.826	6.1	14.9
11 27	2 11.24	+14 27.5	1.931	2.832	9.9	15.2
12 7	2 6.64	+14 7.0	2.018	2.839	13.1	15.4

422190 2014 RA_{34} 11 2.3 25°.18 4°.0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.86	+26 45.2	2.135	2.928	14.1	21.3
10 8	2 51.64	+27 13.0	2.055	2.929	11.3	21.1
10 18	2 44.23	+27 26.7	1.996	2.931	8.2	20.9
10 28	2 35.31	+27 25.0	1.964	2.934	5.2	20.7
11 7	2 25.86	+27 8.7	1.960	2.936	4.1	20.7
11 17	2 16.91	+26 40.9	1.984	2.938	6.1	20.8
11 27	2 9.45	+26 6.9	2.035	2.941	9.2	21.0
12 7	2 4.19	+25 32.5	2.112	2.944	12.1	21.2

104053 2000 EE_{16} 11 2.3 65°.08 4°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.71	+26 18.2	1.755	2.559	16.2	19.2
10 8	2 53.23	+26 36.5	1.692	2.575	12.9	19.1
10 18	2 45.26	+26 37.4	1.650	2.591	9.1	18.9
10 28	2 35.65	+26 20.3	1.633	2.607	5.5	18.7
11 7	2 25.61	+25 47.4	1.643	2.623	4.1	18.6
11 17	2 16.37	+25 3.5	1.681	2.639	6.7	18.8
11 27	2 9.01	+24 15.6	1.746	2.655	10.2	19.1
12 7	2 4.22	+23 30.9	1.834	2.672	13.5	19.3

324273 2006 BS_{283} 11 2.3 58°.51 4°.1/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.26	+28 42.5	2.181	2.967	14.0	20.9
10 8	2 50.35	+28 51.8	2.103	2.973	11.3	20.7
10 18	2 43.36	+28 45.0	2.048	2.978	8.3	20.5
10 28	2 34.99	+28 21.2	2.017	2.984	5.4	20.3
11 7	2 26.18	+27 42.4	2.015	2.990	4.2	20.3
11 17	2 17.92	+26 52.3	2.041	2.995	6.0	20.4
11 27	2 11.15	+25 57.2	2.094	3.001	8.9	20.6
12 7	2 6.48	+25 3.3	2.173	3.007	11.8	20.8

94008 2000 XT_{25} 11 2.3 23°.20 4°.1/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.72	+25 40.8	1.892	2.695	15.2	19.1
10 8	2 52.51	+26 16.3	1.817	2.699	12.2	18.9
10 18	2 44.88	+26 37.3	1.763	2.703	8.7	18.7
10 28	2 35.56	+26 42.1	1.735	2.707	5.4	18.5
11 7	2 25.65	+26 31.5	1.734	2.712	4.2	18.4
11 17	2 16.32	+26 8.9	1.761	2.717	6.6	18.6
11 27	2 8.69	+25 39.7	1.815	2.723	10.0	18.8
12 7	2 3.49	+25 10.5	1.892	2.728	13.2	19.0

304279 2006 SG_{29} 11 2.3 328°.42 1°.9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 48.31	+15 43.3	1.341	2.209	16.7	20.2
10 8	2 46.21	+14 34.8	1.250	2.179	12.7	19.8
10 18	2 41.36	+13 7.0	1.179	2.150	8.0	19.5
10 28	2 34.44	+11 25.4	1.131	2.122	2.9	19.1
11 7	2 26.60	+ 9 39.3	1.109	2.094	4.1	19.1
11 17	2 19.22	+ 8 0.3	1.113	2.068	9.6	19.3
11 27	2 13.66	+ 6 39.6	1.139	2.044	14.8	19.6
12 7	2 10.87	+ 5 44.2	1.185	2.020	19.4	19.8

54296 2000 JN_{60} 11 2.3 312°.52 2°.0/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.72	+19 21.0	1.351	2.198	17.9	18.5
10 8	2 52.74	+19 35.8	1.264	2.178	14.0	18.2
10 18	2 45.57	+19 36.8	1.197	2.159	9.3	17.9
10 28	2 35.95	+19 23.8	1.153	2.140	4.1	17.5
11 7	2 25.22	+18 59.2	1.134	2.122	2.9	17.4
11 17	2 14.98	+18 28.3	1.141	2.104	8.2	17.7
11 27	2 6.82	+17 58.6	1.171	2.087	13.5	17.9
12 7	2 1.84	+17 37.6	1.222	2.070	18.1	18.2

453521 2009 VU_1 11 2.3 354°.41 12°.0/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 2.54	+36 15.8	1.480	2.249	20.3	20.4
10 8	2 57.86	+38 43.2	1.403	2.240	17.7	20.2
10 18	2 49.26	+40 52.4	1.345	2.232	15.1	20.0
10 28	2 37.40	+42 32.8	1.309	2.226	12.9	19.9
11 7	2 23.79	+43 36.7	1.297	2.221	12.0	19.8
11 17	2 10.51	+44 1.8	1.307	2.219	12.9	19.9
11 27	1 59.70	+43 54.1	1.340	2.218	15.0	20.0
12 7	1 52.85	+43 25.3	1.392	2.218	17.6	20.2

471576 2012 RD_1 11 2.3 45°.65 3°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.63	+10 45.2	1.362	2.227	16.7	20.7
10 8	2 50.39	+ 9 33.6	1.310	2.237	12.4	20.5
10 18	2 43.55	+ 8 13.7	1.279	2.248	7.8	20.2
10 28	2 35.06	+ 6 53.2	1.273	2.260	3.8	20.1
11 7	2 26.20	+ 5 41.0	1.292	2.271	5.2	20.2
11 17	2 18.24	+ 4 44.8	1.338	2.283	9.5	20.5
11 27	2 12.29	+ 4 9.9	1.408	2.296	13.8	20.7
12 7	2 8.96	+ 3 57.9	1.498	2.308	17.3	21.0

4486 Mithra 11 2.3 79°.28 1°.1/ 1.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 12.79	+14 30.6	1.808	2.616	15.7	19.8
10 8	3 2.66	+13 46.1	1.779	2.677	11.5	19.7
10 18	2 50.45	+12 53.4	1.776	2.736	7.0	19.6
10 28	2 37.27	+11 56.6	1.803	2.792	2.4	19.4
11 7	2 24.38	+11 1.5	1.862	2.846	2.8	19.5
11 17	2 12.88	+10 13.4	1.952	2.898	6.9	19.9
11 27	2 3.62	+ 9 36.8	2.071	2.949	10.5	20.2
12 7	1 57.00	+ 9 14.0	2.215	2.997	13.4	20.5

212210 2005 GT_{162} 11 2.3 256°.54 0°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.31	+13 28.2	1.987	2.820	13.5	20.5
10 8	2 52.77	+13 27.8	1.899	2.809	10.2	20.3
10 18	2 44.99	+13 21.1	1.834	2.797	6.4	20.0
10 28	2 35.62	+13 10.0	1.796	2.786	2.2	19.8
11 7	2 25.62	+12 57.4	1.787	2.774	2.3	19.7
11 17	2 16.05	+12 46.5	1.807	2.761	6.6	20.0
11 27	2 7.95	+12 41.4	1.854	2.749	10.6	20.2
12 7	2 2.03	+12 45.0	1.926	2.737	14.0	20.4

314636 2006 HE_{102} 11 2.3 242°.18 1°.8/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.92	+13 52.7	1.439	2.291	16.7	21.8
10 8	2 53.11	+13 6.7	1.364	2.284	12.6	21.5
10 18	2 45.46	+12 8.5	1.309	2.277	7.9	21.2
10 28	2 35.82	+11 2.9	1.280	2.269	2.9	20.9
11 7	2 25.48	+ 9 57.3	1.277	2.262	3.7	21.0
11 17	2 15.84	+ 8 59.6	1.301	2.254	8.8	21.2
11 27	2 8.20	+ 8 17.1	1.349	2.245	13.6	21.5
12 7	2 3.38	+ 7 54.0	1.419	2.237	17.7	21.7

453455 2009 SF_{13} 11 2.3 10°.44 3°.0/ 4.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.61	+23 11.1	1.740	2.563	15.6	20.8
10 8	2 50.27	+23 27.2	1.668	2.565	12.2	20.6
10 18	2 43.51	+23 28.7	1.617	2.568	8.4	20.4
10 28	2 35.10	+23 15.5	1.591	2.572	4.5	20.2
11 7	2 26.14	+22 49.8	1.592	2.576	3.3	20.1
11 17	2 17.81	+22 15.9	1.620	2.582	6.5	20.3
11 27	2 11.19	+21 40.2	1.674	2.587	10.3	20.5
12 7	2 7.00	+21 8.6	1.752	2.594	13.8	20.8

370886 2005 EZ_{168} 11 2.3 254°.93 1°.5/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.74	+13 58.3	1.509	2.358	16.2	21.5
10 8	2 52.91	+13 20.4	1.429	2.348	12.3	21.3
10 18	2 45.33	+12 31.3	1.371	2.338	7.7	21.0
10 28	2 35.79	+11 34.8	1.337	2.327	2.8	20.7
11 7	2 25.51	+10 37.4	1.331	2.316	3.4	20.7
11 17	2 15.85	+ 9 46.3	1.351	2.305	8.5	21.0
11 27	2 8.09	+ 9 8.5	1.397	2.293	13.2	21.2
12 7	2 3.07	+ 8 48.1	1.464	2.282	17.3	21.4

157055 2003 ST_{149} 11 2.3 74°.17 0°.9/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.41	+13 0.9	2.183	3.017	12.4	20.2
10 8	2 50.12	+12 46.8	2.121	3.033	9.3	20.1
10 18	2 43.05	+12 27.0	2.084	3.048	5.7	19.9
10 28	2 34.86	+12 4.1	2.074	3.064	2.0	19.7
11 7	2 26.40	+11 41.3	2.094	3.080	2.3	19.7
11 17	2 18.52	+11 22.1	2.143	3.095	5.9	20.0
11 27	2 12.00	+11 9.8	2.219	3.111	9.2	20.2
12 7	2 7.36	+11 6.6	2.320	3.126	12.1	20.4

280599 2004 VB_{51} 11 2.3 57°.59 3°.1/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.68	+ 9 49.6	1.426	2.284	16.5	20.4
10 8	2 52.45	+ 9 7.2	1.381	2.305	12.3	20.2
10 18	2 44.71	+ 8 19.6	1.358	2.326	7.6	20.0
10 28	2 35.45	+ 7 32.7	1.360	2.348	3.5	19.9
11 7	2 25.94	+ 6 52.7	1.389	2.369	4.6	20.0
11 17	2 17.41	+ 6 25.3	1.444	2.391	8.8	20.3
11 27	2 10.91	+ 6 14.0	1.523	2.413	12.8	20.6
12 7	2 7.02	+ 6 20.0	1.624	2.435	16.2	20.9

443899 2002 AE_{19} 11 2.3 339°.74 5°.2/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 59.60	+ 1 5.6	1.508	2.363	15.9	19.8
10 8	2 54.28	+ 1 16.1	1.431	2.349	12.3	19.6
10 18	2 46.19	+ 1 33.1	1.376	2.336	8.5	19.3
10 28	2 36.10	+ 2 0.9	1.345	2.324	5.5	19.1
11 7	2 25.24	+ 2 42.9	1.341	2.313	6.3	19.1
11 17	2 14.96	+ 3 40.2	1.364	2.303	10.0	19.3
11 27	2 6.56	+ 4 52.5	1.412	2.295	14.1	19.6
12 7	2 0.91	+ 6 17.6	1.481	2.287	17.7	19.8

405231 2003 SJ_{83} 11 2.3 14°.29 2°.7/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.66	+22 38.5	2.148	2.956	13.5	20.8
10 8	2 51.41	+23 1.8	2.068	2.957	10.6	20.6
10 18	2 44.07	+23 13.8	2.011	2.958	7.2	20.4
10 28	2 35.29	+23 13.9	1.980	2.959	3.9	20.2
11 7	2 25.99	+23 3.5	1.978	2.961	2.9	20.1
11 17	2 17.17	+22 45.4	2.004	2.963	5.7	20.3
11 27	2 9.79	+22 24.3	2.059	2.965	9.1	20.5
12 7	2 4.50	+22 4.8	2.138	2.967	12.1	20.7

230453 2002 RO_{80} 11 2.3 45°.83 3°.1/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.81	+23 15.7	1.426	2.255	18.1	19.7
10 8	2 53.52	+23 24.4	1.380	2.280	14.0	19.5
10 18	2 45.48	+23 15.2	1.353	2.306	9.4	19.3
10 28	2 35.74	+22 48.9	1.351	2.333	4.9	19.1
11 7	2 25.69	+22 9.3	1.375	2.360	3.4	19.1
11 17	2 16.72	+21 22.9	1.425	2.387	7.1	19.4
11 27	2 9.96	+20 37.5	1.501	2.415	11.2	19.7
12 7	2 6.04	+19 59.8	1.600	2.443	14.8	20.0

252731 2002 CY_{265} 11 2.3 113°.42 4°.2/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.11	+26 15.7	1.543	2.349	18.0	20.9
10 8	2 56.86	+26 27.8	1.479	2.364	14.3	20.7
10 18	2 47.68	+26 20.2	1.436	2.379	10.0	20.5
10 28	2 36.55	+25 51.9	1.418	2.393	5.9	20.3
11 7	2 24.92	+25 5.4	1.426	2.407	4.3	20.3
11 17	2 14.27	+24 7.3	1.462	2.421	7.4	20.5
11 27	2 5.88	+23 6.4	1.524	2.433	11.4	20.7
12 7	2 0.49	+22 11.2	1.609	2.446	15.1	21.0

366623 2003 QQ_{58} 11 2.3 51°.46 6°.0/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.13	+ 5 9.3	1.084	1.959	19.3	20.2
10 8	2 54.02	+ 4 7.8	1.050	1.980	14.5	20.0
10 18	2 45.85	+ 3 6.6	1.035	2.002	9.6	19.8
10 28	2 35.85	+ 2 14.6	1.044	2.025	6.2	19.7
11 7	2 25.64	+ 1 40.4	1.076	2.048	7.5	19.9
11 17	2 16.76	+ 1 28.9	1.133	2.071	11.6	20.2
11 27	2 10.38	+ 1 41.8	1.211	2.095	15.8	20.5
12 7	2 7.11	+ 2 16.8	1.309	2.119	19.4	20.8

53171 1999 CP_{21} 11 2.3 271°.10 2°.9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.16	+ 8 25.0	1.927	2.774	13.3	19.1
10 8	2 50.31	+ 7 50.5	1.851	2.769	10.0	18.9
10 18	2 43.38	+ 7 12.3	1.799	2.764	6.3	18.7
10 28	2 35.05	+ 6 34.6	1.773	2.759	3.2	18.5
11 7	2 26.24	+ 6 2.2	1.776	2.754	4.2	18.5
11 17	2 17.95	+ 5 39.5	1.807	2.748	7.7	18.7
11 27	2 11.11	+ 5 30.0	1.864	2.743	11.3	18.9
12 7	2 6.35	+ 5 35.4	1.943	2.738	14.5	19.1

357023 1999 YZ_3 11 2.3 312°.51 4°.8/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 9.92	+ 1 4.5	1.538	2.372	16.7	19.9
10 8	3 2.84	+ 1 38.0	1.423	2.330	13.2	19.6
10 18	2 52.16	+ 2 22.0	1.331	2.288	9.1	19.2
10 28	2 38.45	+ 3 20.6	1.265	2.246	5.3	18.9
11 7	2 22.95	+ 4 36.3	1.227	2.204	5.9	18.8
11 17	2 7.35	+ 6 9.0	1.220	2.162	10.6	19.0
11 27	1 53.53	+ 7 56.6	1.240	2.120	15.8	19.2
12 7	1 42.88	+ 9 56.0	1.283	2.079	20.5	19.3

395206 2010 HV_{56} 11 2.3 23°.17 8°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.09	− 3 50.9	1.648	2.505	14.7	20.1
10 8	2 49.61	− 5 1.8	1.597	2.509	11.7	19.9
10 18	2 42.93	− 6 5.4	1.569	2.514	9.2	19.8
10 28	2 34.87	− 6 53.5	1.566	2.519	8.1	19.7
11 7	2 26.45	− 7 19.8	1.588	2.525	9.3	19.8
11 17	2 18.75	− 7 20.9	1.635	2.530	11.8	20.0
11 27	2 12.70	− 6 56.3	1.704	2.537	14.6	20.2
12 7	2 8.90	− 6 8.9	1.794	2.544	17.2	20.4

346967 2010 CP_8 11 2.3 191°.27 4°.5/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.84	+ 2 43.5	2.076	2.918	12.7	20.9
10 8	2 52.10	+ 2 8.4	2.005	2.917	9.7	20.7
10 18	2 44.39	+ 1 34.5	1.958	2.915	6.6	20.5
10 28	2 35.38	+ 1 6.5	1.938	2.913	4.6	20.4
11 7	2 25.97	+ 0 48.8	1.947	2.911	5.5	20.4
11 17	2 17.09	+ 0 44.6	1.985	2.909	8.4	20.6
11 27	2 9.62	+ 0 55.9	2.049	2.906	11.5	20.8
12 7	2 4.16	+ 1 22.7	2.136	2.902	14.3	21.0

382755 2003 ET_{44} 11 2.3 247°.52 0°.6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.52	+16 6.9	2.061	2.888	13.3	22.1
10 8	2 52.19	+15 27.3	1.961	2.868	10.1	21.9
10 18	2 44.65	+14 36.4	1.885	2.847	6.4	21.6
10 28	2 35.54	+13 36.8	1.836	2.826	2.2	21.3
11 7	2 25.78	+12 33.3	1.816	2.803	2.4	21.3
11 17	2 16.39	+11 31.7	1.827	2.779	6.7	21.5
11 27	2 8.39	+10 38.2	1.865	2.755	10.8	21.7
12 7	2 2.53	+ 9 57.5	1.927	2.730	14.3	21.9

345783 2007 EW_{195} 11 2.3 46°.11 0°.9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 6.93	+14 18.0	1.257	2.102	19.1	19.9
10 8	2 59.79	+15 13.2	1.215	2.129	14.4	19.7
10 18	2 49.47	+16 0.4	1.193	2.157	9.1	19.5
10 28	2 37.15	+16 38.8	1.196	2.185	3.4	19.2
11 7	2 24.49	+17 8.9	1.226	2.214	2.7	19.3
11 17	2 13.14	+17 33.2	1.282	2.243	7.9	19.7
11 27	2 4.43	+17 56.2	1.364	2.272	12.6	20.0
12 7	1 59.04	+18 21.8	1.468	2.302	16.4	20.3

515461 2013 YM_{50} 11 2.3 254°.00 0°.4/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.94	+16 17.7	1.806	2.642	14.6	22.4
10 8	2 51.98	+15 47.5	1.716	2.627	11.1	22.2
10 18	2 44.62	+15 5.8	1.649	2.613	7.0	21.9
10 28	2 35.54	+14 15.1	1.608	2.598	2.4	21.6
11 7	2 25.79	+13 20.2	1.595	2.582	2.4	21.5
11 17	2 16.51	+12 27.1	1.611	2.567	7.1	21.8
11 27	2 8.83	+11 42.3	1.653	2.550	11.5	22.0
12 7	2 3.51	+11 10.6	1.718	2.534	15.2	22.2

410261 2007 TK_{121} 11 2.3 293°.90 0°.6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.81	+18 24.1	1.751	2.590	14.8	20.8
10 8	2 48.90	+17 15.0	1.661	2.575	11.2	20.6
10 18	2 42.68	+15 48.9	1.594	2.559	7.0	20.3
10 28	2 34.86	+14 10.0	1.553	2.543	2.4	19.9
11 7	2 26.44	+12 25.6	1.541	2.528	2.6	19.9
11 17	2 18.54	+10 44.7	1.557	2.512	7.4	20.2
11 27	2 12.21	+ 9 16.2	1.600	2.497	11.8	20.4
12 7	2 8.18	+ 8 6.5	1.665	2.482	15.6	20.6

352918 2008 YX_{153} 11 2.3 330°.51 1°.6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.05	+10 29.3	1.381	2.240	16.9	19.8
10 8	2 53.49	+10 45.4	1.301	2.224	12.9	19.5
10 18	2 45.91	+10 58.3	1.242	2.210	8.1	19.2
10 28	2 36.08	+11 10.1	1.207	2.196	3.0	18.8
11 7	2 25.30	+11 23.8	1.197	2.184	3.4	18.8
11 17	2 15.07	+11 42.6	1.214	2.172	8.7	19.1
11 27	2 6.85	+12 9.7	1.255	2.161	13.7	19.4
12 7	2 1.61	+12 47.2	1.317	2.151	18.0	19.6

256601 2007 UO_{122} 11 2.3 298°.82 1°.2/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.70	+13 38.1	1.303	2.160	17.8	21.0
10 8	2 54.03	+13 24.3	1.229	2.152	13.5	20.7
10 18	2 46.23	+13 0.6	1.176	2.144	8.5	20.4
10 28	2 36.17	+12 30.1	1.146	2.137	3.0	20.1
11 7	2 25.26	+11 58.2	1.142	2.129	3.3	20.1
11 17	2 15.08	+11 31.2	1.164	2.122	8.9	20.4
11 27	2 7.08	+11 15.6	1.210	2.115	14.1	20.6
12 7	2 2.21	+11 15.3	1.275	2.108	18.5	20.9

46985 1998 SA_{163} 11 2.3 231°.42 1°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.67	+14 32.8	2.028	2.865	13.1	18.9
10 8	2 49.91	+13 49.2	1.945	2.858	9.9	18.7
10 18	2 43.12	+12 56.2	1.887	2.852	6.1	18.4
10 28	2 34.98	+11 57.3	1.855	2.845	2.2	18.2
11 7	2 26.37	+10 57.5	1.853	2.838	2.7	18.2
11 17	2 18.25	+10 2.4	1.879	2.831	6.7	18.4
11 27	2 11.53	+ 9 17.5	1.933	2.823	10.4	18.6
12 7	2 6.84	+ 8 46.4	2.010	2.816	13.7	18.9

481403 2006 SU_{200} 11 2.3 18°.31 1°.3/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.96	+18 40.9	1.806	2.636	14.8	21.6
10 8	2 51.90	+18 48.0	1.732	2.637	11.4	21.4
10 18	2 44.49	+18 44.2	1.680	2.639	7.4	21.2
10 28	2 35.48	+18 30.6	1.653	2.641	3.1	20.9
11 7	2 25.92	+18 9.6	1.655	2.643	2.2	20.9
11 17	2 16.96	+17 45.5	1.684	2.645	6.4	21.1
11 27	2 9.66	+17 23.3	1.741	2.647	10.4	21.4
12 7	2 4.73	+17 7.9	1.820	2.650	13.9	21.6

381745 2009 SB_{69} 11 2.3 171°.62 1°.2/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.09	+12 49.1	1.886	2.719	14.1	21.9
10 8	2 54.04	+12 29.4	1.812	2.722	10.6	21.6
10 18	2 45.72	+12 2.8	1.761	2.725	6.6	21.4
10 28	2 35.89	+11 32.1	1.738	2.728	2.4	21.1
11 7	2 25.58	+11 1.4	1.744	2.729	2.8	21.2
11 17	2 15.91	+10 35.3	1.779	2.730	7.0	21.5
11 27	2 7.86	+10 18.0	1.841	2.730	10.9	21.7
12 7	2 2.13	+10 12.4	1.927	2.730	14.3	21.9

240282 2003 BK_{84} 11 2.3 343°.41 6°.4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 52.88	+ 1 46.6	1.394	2.265	16.0	19.6
10 8	2 49.30	+ 1 2.7	1.326	2.253	12.4	19.3
10 18	2 43.09	+ 0 21.0	1.279	2.241	8.7	19.1
10 28	2 35.03	− 0 11.0	1.256	2.231	6.5	18.9
11 7	2 26.32	− 0 26.5	1.257	2.222	7.8	19.0
11 17	2 18.25	− 0 20.6	1.283	2.214	11.3	19.2
11 27	2 12.01	+ 0 8.6	1.331	2.207	15.2	19.4
12 7	2 8.39	+ 0 59.6	1.399	2.201	18.7	19.6

232196 2002 GR_{17} 11 2.3 154°.33 0°.8/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.87	+17 19.1	2.161	2.976	13.2	20.3
10 8	2 54.41	+17 28.0	2.085	2.983	10.1	20.1
10 18	2 45.87	+17 28.6	2.033	2.990	6.4	19.9
10 28	2 35.93	+17 21.6	2.009	2.997	2.5	19.7
11 7	2 25.55	+17 9.1	2.015	3.002	1.9	19.6
11 17	2 15.74	+16 54.2	2.051	3.008	5.7	19.9
11 27	2 7.41	+16 41.0	2.115	3.012	9.3	20.1
12 7	2 1.20	+16 33.1	2.205	3.016	12.4	20.4

147740 2005 NW_{9} 11 2.3 331°.62 2°.2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.32	+11 31.7	1.782	2.634	14.0	20.5
10 8	2 49.11	+10 50.0	1.708	2.628	10.5	20.2
10 18	2 42.72	+10 1.1	1.656	2.623	6.5	20.0
10 28	2 34.86	+ 9 9.2	1.630	2.619	2.8	19.7
11 7	2 26.50	+ 8 20.2	1.632	2.614	3.6	19.8
11 17	2 18.70	+ 7 39.5	1.661	2.610	7.7	20.0
11 27	2 12.42	+ 7 12.0	1.717	2.606	11.6	20.3
12 7	2 8.33	+ 7 0.4	1.794	2.603	15.0	20.5

212259 2005 JC_{111} 11 2.3 171°.29 3°.0/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.23	+ 6 24.9	2.093	2.932	12.7	20.8
10 8	2 52.40	+ 6 7.2	2.021	2.934	9.6	20.6
10 18	2 44.59	+ 5 48.4	1.973	2.936	6.2	20.4
10 28	2 35.48	+ 5 32.0	1.953	2.937	3.3	20.2
11 7	2 25.97	+ 5 21.8	1.962	2.938	4.1	20.3
11 17	2 16.99	+ 5 20.6	2.000	2.939	7.4	20.5
11 27	2 9.43	+ 5 30.7	2.065	2.939	10.7	20.7
12 7	2 3.89	+ 5 52.9	2.154	2.939	13.6	20.9

82288 2001 KV_{35} 11 2.3 59°.31 1°.0/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.08	+20 58.0	1.677	2.509	15.7	18.6
10 8	2 50.40	+20 16.2	1.619	2.525	11.9	18.4
10 18	2 43.44	+19 18.7	1.582	2.542	7.6	18.2
10 28	2 35.06	+18 8.8	1.571	2.559	3.1	17.9
11 7	2 26.38	+16 52.7	1.588	2.576	2.1	17.9
11 17	2 18.53	+15 37.5	1.633	2.593	6.5	18.2
11 27	2 12.44	+14 30.8	1.704	2.611	10.6	18.5
12 7	2 8.72	+13 37.9	1.799	2.628	14.1	18.8

70448 1999 TS_{15} 11 2.3 92°.63 0°.0/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.37	+16 21.8	1.786	2.619	14.8	19.4
10 8	2 52.78	+16 9.8	1.724	2.633	11.2	19.2
10 18	2 44.91	+15 48.1	1.683	2.646	7.0	19.0
10 28	2 35.60	+15 18.9	1.670	2.659	2.5	18.7
11 7	2 25.90	+14 46.1	1.684	2.672	2.1	18.7
11 17	2 16.95	+14 14.5	1.727	2.685	6.6	19.0
11 27	2 9.71	+13 49.1	1.797	2.697	10.5	19.3
12 7	2 4.83	+13 33.6	1.891	2.710	13.9	19.5

127281 2002 JA_{69} 11 2.3 91°.55 3°.2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.88	+ 5 59.0	1.772	2.613	14.5	19.3
10 8	2 55.27	+ 5 53.4	1.716	2.629	10.9	19.2
10 18	2 46.40	+ 5 47.7	1.682	2.645	7.0	19.0
10 28	2 36.10	+ 5 45.5	1.676	2.661	3.6	18.8
11 7	2 25.48	+ 5 50.0	1.699	2.676	4.4	18.9
11 17	2 15.67	+ 6 3.7	1.750	2.692	8.0	19.1
11 27	2 7.64	+ 6 28.3	1.828	2.707	11.6	19.4
12 7	2 2.00	+ 7 4.1	1.929	2.722	14.7	19.6

192894 1999 XU_{130} 11 2.3 23°.41 10°.0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.11	+38 59.3	1.294	2.073	22.2	18.8
10 8	2 51.76	+39 35.7	1.238	2.085	19.0	18.6
10 18	2 44.91	+39 38.2	1.197	2.097	15.5	18.4
10 28	2 35.69	+39 2.2	1.175	2.111	12.1	18.3
11 7	2 25.84	+37 48.7	1.175	2.126	10.1	18.2
11 17	2 17.16	+36 5.8	1.199	2.143	10.6	18.3
11 27	2 11.14	+34 6.9	1.246	2.160	13.0	18.5
12 7	2 8.56	+32 7.0	1.315	2.178	16.1	18.8

428537 2008 BY_{20} 11 2.3 204°.42 0°.2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.48	+17 35.2	1.801	2.629	14.9	22.2
10 8	2 53.83	+17 13.1	1.719	2.625	11.4	22.0
10 18	2 45.74	+16 39.0	1.659	2.620	7.2	21.7
10 28	2 35.95	+15 55.0	1.626	2.615	2.6	21.4
11 7	2 25.56	+15 5.4	1.621	2.609	2.2	21.4
11 17	2 15.77	+14 16.0	1.645	2.602	6.9	21.7
11 27	2 7.67	+13 33.1	1.697	2.595	11.1	21.9
12 7	2 2.03	+13 1.5	1.771	2.588	14.8	22.1

184809 2005 TQ_{124} 11 2.3 37°.10 0°.7/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.71	+18 24.7	1.887	2.719	14.2	20.7
10 8	2 50.05	+18 10.4	1.816	2.724	10.8	20.5
10 18	2 43.25	+17 44.9	1.768	2.729	6.9	20.2
10 28	2 35.04	+17 10.1	1.746	2.734	2.7	20.0
11 7	2 26.41	+16 29.9	1.751	2.739	2.0	19.9
11 17	2 18.38	+15 49.1	1.785	2.745	6.2	20.2
11 27	2 11.89	+15 13.2	1.846	2.751	10.0	20.5
12 7	2 7.58	+14 46.5	1.931	2.757	13.4	20.7

378635 2008 FQ_{127} 11 2.3 253°.31 0°.1/ 2.4 18

9 28	2 58.57	+17 13.3	1.599	2.437	16.0	21.9
10 8	2 53.54	+16 54.5	1.513	2.425	12.3	21.7
10 18	2 45.77	+16 22.8	1.449	2.413	7.8	21.4
10 28	2 36.03	+15 40.4	1.411	2.400	2.8	21.0
11 7	2 25.50	+14 51.9	1.399	2.387	2.4	21.0
11 17	2 15.54	+14 3.5	1.416	2.374	7.6	21.3
11 27	2 7.41	+13 22.2	1.458	2.361	12.3	21.5
12 7	2 1.98	+12 53.8	1.522	2.347	16.4	21.7

154141 Kertész 11 2.3 76°.41 0°.1/ 2.4 18

9 28	2 54.74	+17 11.7	2.116	2.945	13.0	20.6
10 8	2 49.74	+16 47.0	2.054	2.961	9.8	20.5
10 18	2 42.88	+16 13.0	2.015	2.977	6.1	20.3
10 28	2 34.88	+15 32.1	2.003	2.992	2.2	20.0
11 7	2 26.61	+14 48.3	2.020	3.008	1.8	20.0
11 17	2 18.94	+14 6.0	2.067	3.024	5.7	20.3
11 27	2 12.68	+13 29.9	2.141	3.040	9.2	20.6
12 7	2 8.36	+13 3.4	2.240	3.055	12.1	20.8

103453 2000 AU_{194} 11 2.3 235°.47 2°.7/30.9 18

9 28	2 54.55	+ 9 43.9	2.151	2.993	12.3	20.0
10 8	2 49.72	+ 8 47.6	2.066	2.982	9.2	19.8
10 18	2 42.99	+ 7 45.4	2.006	2.971	5.8	19.5
10 28	2 34.96	+ 6 41.6	1.974	2.960	3.0	19.3
11 7	2 26.49	+ 5 41.9	1.971	2.948	4.0	19.4
11 17	2 18.44	+ 4 51.5	1.997	2.936	7.4	19.6
11 27	2 11.67	+ 4 14.9	2.050	2.923	10.8	19.8
12 7	2 6.79	+ 3 54.5	2.127	2.910	13.8	19.9

65524 5585 *P–L* 11 2.3 13°.95 0°.3/ 2.5 18

9 28	2 54.76	+17 13.6	1.951	2.784	13.7	19.7
10 8	2 50.06	+17 0.2	1.876	2.785	10.4	19.5
10 18	2 43.26	+16 36.9	1.823	2.785	6.6	19.2
10 28	2 35.06	+16 5.6	1.798	2.787	2.4	19.0
11 7	2 26.41	+15 29.9	1.800	2.788	2.0	18.9
11 17	2 18.31	+14 54.5	1.831	2.789	6.1	19.2
11 27	2 11.68	+14 24.2	1.889	2.791	10.0	19.5
12 7	2 7.17	+14 3.1	1.970	2.793	13.3	19.7

269532 2009 VU_{66} 11 2.3 211°.46 0°.5/ 1.8 17

9 28	2 54.90	+13 37.0	2.494	3.321	11.3	20.6
10 8	2 49.73	+13 30.4	2.412	3.319	8.5	20.4
10 18	2 42.88	+13 18.4	2.354	3.317	5.3	20.2
10 28	2 34.91	+13 2.9	2.325	3.315	1.8	20.0
11 7	2 26.56	+12 46.3	2.326	3.312	1.9	20.0
11 17	2 18.59	+12 31.6	2.356	3.310	5.4	20.2
11 27	2 11.77	+12 21.9	2.416	3.307	8.6	20.4
12 7	2 6.64	+12 19.4	2.500	3.304	11.4	20.6

234669 2002 FW_{34} 11 2.3 265°.40 1°.8/ 3.6 18

9 28	2 56.84	+21 19.6	1.779	2.602	15.3	20.4
10 8	2 52.02	+21 10.9	1.692	2.592	11.9	20.1
10 18	2 44.71	+20 47.6	1.626	2.582	7.9	19.9
10 28	2 35.64	+20 10.5	1.586	2.571	3.6	19.6
11 7	2 25.88	+19 22.9	1.573	2.561	2.5	19.5
11 17	2 16.65	+18 30.2	1.589	2.550	6.6	19.7
11 27	2 9.09	+17 39.4	1.631	2.539	10.9	20.0
12 7	2 4.00	+16 56.9	1.697	2.528	14.7	20.2

154645 2004 BY_{116} 11 2.3 340°.14 3°.1/31.9 18

9 28	2 58.56	+ 8 40.0	1.244	2.110	17.9	19.3
10 8	2 53.96	+ 8 31.4	1.176	2.103	13.6	19.1
10 18	2 46.21	+ 8 19.2	1.129	2.098	8.6	18.8
10 28	2 36.21	+ 8 7.9	1.105	2.093	3.9	18.5
11 7	2 25.40	+ 8 2.8	1.105	2.088	4.8	18.5
11 17	2 15.38	+ 8 8.4	1.131	2.085	9.8	18.8
11 27	2 7.60	+ 8 28.3	1.181	2.082	14.8	19.1
12 7	2 2.96	+ 9 3.7	1.250	2.079	19.0	19.3

479016 2012 XF_{156} 11 2.3 351°.73 1°.5/ 3.0 18

9 28	2 54.44	+17 51.8	1.225	2.085	18.5	19.9
10 8	2 51.05	+18 11.8	1.155	2.077	14.3	19.6
10 18	2 44.50	+18 19.2	1.105	2.070	9.3	19.3
10 28	2 35.64	+18 14.3	1.077	2.065	3.9	19.0
11 7	2 25.90	+18 0.3	1.073	2.061	2.8	18.9
11 17	2 16.89	+17 42.3	1.093	2.058	8.2	19.2
11 27	2 10.11	+17 27.1	1.137	2.057	13.4	19.5
12 7	2 6.50	+17 20.8	1.202	2.057	17.9	19.8

226510 2003 TA_{42} 11 2.3 256°.11 0°.7/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 53.14	+19 19.3	2.501	3.317	11.6	20.7
10 8	2 48.52	+18 58.5	2.407	3.306	8.9	20.5
10 18	2 42.19	+18 27.7	2.338	3.295	5.7	20.3
10 28	2 34.70	+17 48.3	2.296	3.283	2.3	20.0
11 7	2 26.77	+17 3.4	2.284	3.271	1.6	20.0
11 17	2 19.20	+16 16.9	2.301	3.260	5.1	20.2
11 27	2 12.76	+15 33.4	2.348	3.247	8.4	20.4
12 7	2 8.01	+14 57.0	2.419	3.235	11.3	20.6

43101 1999 XX_{18} 11 2.3 338°.77 2°.1/31.9 18 R

9 28	2 47.20	+15 48.4	0.996	1.883	19.6	17.5
10 8	2 46.03	+14 41.5	0.925	1.864	14.9	17.1
10 18	2 41.56	+13 12.7	0.873	1.847	9.3	16.8
10 28	2 34.66	+11 29.0	0.841	1.832	3.4	16.4
11 7	2 26.78	+ 9 42.8	0.832	1.818	4.6	16.4
11 17	2 19.65	+ 8 8.1	0.846	1.806	10.9	16.7
11 27	2 14.85	+ 6 57.5	0.880	1.796	16.7	17.0
12 7	2 13.37	+ 6 17.4	0.931	1.788	21.7	17.3

75816 2000 BD_6 11 2.3 154°.50 0°.7/ 2.8 18

9 28	2 59.70	+17 5.0	2.210	3.026	12.9	19.8
10 8	2 53.52	+17 11.9	2.133	3.033	9.8	19.6
10 18	2 45.33	+17 10.9	2.081	3.039	6.3	19.4
10 28	2 35.79	+17 2.6	2.056	3.044	2.4	19.1
11 7	2 25.83	+16 49.4	2.061	3.049	1.8	19.1
11 17	2 16.39	+16 34.3	2.096	3.053	5.6	19.4
11 27	2 8.38	+16 21.1	2.160	3.057	9.2	19.6
12 7	2 2.41	+16 13.4	2.249	3.061	12.2	19.8

74926 1999 TH_{153} 11 2.3 276°.26 2°.1/ 3.6 18

9 28	2 58.22	+21 21.7	1.478	2.311	17.3	19.3
10 8	2 53.52	+21 18.6	1.398	2.303	13.5	19.0
10 18	2 45.88	+20 59.0	1.337	2.295	9.0	18.7
10 28	2 36.11	+20 23.3	1.301	2.287	4.2	18.4
11 7	2 25.52	+19 35.0	1.291	2.279	2.8	18.3
11 17	2 15.59	+18 40.6	1.308	2.270	7.5	18.6
11 27	2 7.69	+17 48.6	1.350	2.262	12.4	18.9
12 7	2 2.72	+17 6.4	1.414	2.254	16.6	19.1

352212 2007 SE_{22} 11 2.3 305°.64 4°.0/ 4.7 18

9 28	2 58.93	+24 48.9	1.753	2.563	16.0	20.8
10 8	2 53.75	+25 19.9	1.671	2.558	12.8	20.6
10 18	2 45.89	+25 36.1	1.609	2.552	9.0	20.4
10 28	2 36.10	+25 35.6	1.572	2.547	5.4	20.2
11 7	2 25.54	+25 19.4	1.562	2.543	4.1	20.1
11 17	2 15.54	+24 50.9	1.580	2.538	7.0	20.2
11 27	2 7.33	+24 16.5	1.624	2.533	10.8	20.5
12 7	2 1.77	+23 43.4	1.691	2.529	14.4	20.7

337995 2002 DZ_{18} 11 2.3 192°.04 5°.1/ 5.6 18

9 28	3 2.61	+28 30.5	2.023	2.802	15.2	20.9
10 8	2 56.29	+29 13.2	1.938	2.801	12.4	20.7
10 18	2 47.38	+29 40.5	1.874	2.800	9.2	20.5
10 28	2 36.61	+29 49.6	1.836	2.798	6.2	20.3
11 7	2 25.10	+29 40.2	1.825	2.796	5.1	20.3
11 17	2 14.10	+29 14.9	1.844	2.793	7.0	20.4
11 27	2 4.82	+28 39.6	1.890	2.790	10.1	20.6
12 7	1 58.07	+28 1.5	1.960	2.787	13.2	20.8

271370 2003 YQ_{39} 11 2.3 5°.97 5°.3/31.3 18

9 28	2 55.10	+ 5 13.2	0.949	1.838	20.1	19.6
10 8	2 51.83	+ 4 57.1	0.899	1.838	15.4	19.3
10 18	2 45.04	+ 4 41.8	0.867	1.839	10.1	19.1
10 28	2 35.82	+ 4 34.4	0.856	1.841	5.7	18.8
11 7	2 25.88	+ 4 41.5	0.867	1.846	6.9	18.9
11 17	2 17.03	+ 5 7.2	0.900	1.852	11.8	19.2
11 27	2 10.82	+ 5 52.8	0.953	1.860	16.8	19.5
12 7	2 8.07	+ 6 56.5	1.024	1.869	21.1	19.8

215479 2002 RK_{216} 11 2.3 46°.26 2°.3/ 3.8 18

9 28	2 59.59	+20 24.8	2.172	2.981	13.3	19.9
10 8	2 53.57	+21 4.0	2.098	2.989	10.4	19.7
10 18	2 45.43	+21 34.1	2.048	2.998	6.9	19.6
10 28	2 35.87	+21 54.3	2.026	3.007	3.5	19.4
11 7	2 25.82	+22 5.2	2.032	3.017	2.6	19.3
11 17	2 16.29	+22 8.8	2.069	3.026	5.6	19.5
11 27	2 8.23	+22 8.8	2.133	3.036	9.0	19.8
12 7	2 2.28	+22 9.3	2.223	3.046	11.9	20.0

493844 2015 WT_9 11 2.3 290°.56 0°.3/ 2.5 17

9 28	2 53.13	+18 3.3	2.177	3.005	12.7	21.2
10 8	2 48.83	+17 36.2	2.078	2.984	9.7	21.0
10 18	2 42.56	+16 58.0	2.002	2.963	6.2	20.7
10 28	2 34.89	+16 10.7	1.953	2.942	2.3	20.5
11 7	2 26.65	+15 17.9	1.933	2.921	1.9	20.4
11 17	2 18.75	+14 24.6	1.942	2.900	5.9	20.6
11 27	2 12.10	+13 36.4	1.979	2.879	9.7	20.8
12 7	2 7.38	+12 57.8	2.040	2.858	13.0	21.0

68855 2002 HS_{12} 11 2.3 75°.07 4°.3/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.11	+ 6 42.5	1.647	2.500	14.9	19.5
10 8	2 51.72	+ 5 35.4	1.603	2.524	11.1	19.3
10 18	2 44.18	+ 4 26.3	1.584	2.548	7.2	19.2
10 28	2 35.36	+ 3 21.9	1.590	2.571	4.5	19.0
11 7	2 26.36	+ 2 29.1	1.624	2.594	5.6	19.2
11 17	2 18.23	+ 1 52.7	1.685	2.617	9.0	19.4
11 27	2 11.87	+ 1 35.6	1.772	2.640	12.4	19.7
12 7	2 7.81	+ 1 38.1	1.880	2.663	15.3	19.9

510216 2011 DK_{51} 11 2.3 289°.04 0°.6/ 2.7 18

9 28	2 58.24	+17 39.1	1.497	2.338	16.7	21.4
10 8	2 53.73	+17 33.0	1.400	2.313	13.0	21.1
10 18	2 46.19	+17 13.8	1.324	2.287	8.4	20.8
10 28	2 36.32	+16 42.4	1.272	2.260	3.2	20.4
11 7	2 25.32	+16 2.6	1.246	2.234	2.5	20.3
11 17	2 14.68	+15 20.2	1.247	2.208	8.1	20.6
11 27	2 5.91	+14 42.9	1.273	2.181	13.3	20.8
12 7	2 0.07	+14 17.4	1.320	2.155	17.9	21.0

166398 2002 NX_{22} 11 2.3 79°.36 6°.7/28.4 18

9 28	2 55.29	− 0 19.8	1.741	2.595	14.1	19.8
10 8	2 50.40	− 1 34.5	1.690	2.605	11.0	19.6
10 18	2 43.42	− 2 45.5	1.663	2.615	8.1	19.5
10 28	2 35.13	− 3 45.0	1.662	2.625	6.7	19.4
11 7	2 26.54	− 4 26.8	1.687	2.635	7.9	19.5
11 17	2 18.67	− 4 46.5	1.739	2.645	10.6	19.7
11 27	2 12.40	− 4 42.9	1.814	2.654	13.5	19.9
12 7	2 8.30	− 4 17.5	1.910	2.664	16.2	20.1

485824 2012 DE_{63} 11 2.3 152°.85 4°.3/ 6.1 17

9 28	2 56.72	+29 41.1	2.356	3.130	13.5	22.2
10 8	2 51.42	+29 55.4	2.273	3.133	10.9	22.0
10 18	2 44.10	+29 54.1	2.212	3.136	8.1	21.9
10 28	2 35.41	+29 36.1	2.177	3.139	5.5	21.7
11 7	2 26.26	+29 2.7	2.170	3.141	4.3	21.7
11 17	2 17.60	+28 17.3	2.192	3.143	5.9	21.8
11 27	2 10.34	+27 25.4	2.242	3.145	8.6	21.9
12 7	2 5.12	+26 33.1	2.317	3.147	11.3	22.1

427202 2014 VR_{31} 11 2.3 272°.78 1°.4/ 3.9 18

9 28	2 51.28	+22 48.1	2.736	3.540	11.0	20.8
10 8	2 47.03	+22 16.0	2.638	3.527	8.6	20.6
10 18	2 41.23	+21 31.8	2.564	3.515	5.7	20.4
10 28	2 34.39	+20 37.1	2.518	3.502	2.7	20.2
11 7	2 27.18	+19 34.8	2.502	3.488	1.8	20.1
11 17	2 20.31	+18 29.1	2.516	3.475	4.6	20.3
11 27	2 14.47	+17 25.1	2.559	3.462	7.7	20.5
12 7	2 10.17	+16 27.2	2.629	3.449	10.4	20.7

62534 2000 SR_{255} 11 2.3 74°.28 1°.6/ 1.1 18

9 28	2 55.16	+11 51.5	1.981	2.822	13.2	19.4
10 8	2 50.19	+11 22.5	1.917	2.832	9.9	19.2
10 18	2 43.27	+10 47.7	1.876	2.842	6.1	19.0
10 28	2 35.10	+10 10.6	1.863	2.852	2.4	18.8
11 7	2 26.60	+ 9 35.5	1.878	2.862	3.0	18.9
11 17	2 18.71	+ 9 6.7	1.922	2.871	6.7	19.1
11 27	2 12.27	+ 8 48.1	1.992	2.881	10.3	19.4
12 7	2 7.85	+ 8 41.7	2.086	2.891	13.3	19.6

361007 2005 UG_{526} 11 2.3 83°.54 0°.7/ 1.7 18

9 28	2 55.08	+14 48.3	2.061	2.895	13.0	21.4
10 8	2 50.06	+14 18.7	1.997	2.909	9.8	21.3
10 18	2 43.16	+13 41.2	1.958	2.922	6.0	21.1
10 28	2 35.08	+12 58.7	1.946	2.935	2.1	20.8
11 7	2 26.70	+12 15.6	1.962	2.949	2.3	20.9
11 17	2 18.92	+11 36.4	2.008	2.962	6.1	21.1
11 27	2 12.57	+11 5.4	2.081	2.975	9.6	21.4
12 7	2 8.19	+10 45.6	2.178	2.988	12.6	21.6

9245 1998 HF_{101} 11 2.3 63°.88 3°.1/31.6 18

9 28	3 1.62	+10 18.8	1.258	2.116	18.2	17.6
10 8	2 55.56	+ 9 33.3	1.223	2.147	13.5	17.4
10 18	2 46.73	+ 8 42.0	1.209	2.177	8.4	17.2
10 28	2 36.29	+ 7 51.5	1.220	2.207	3.7	17.0
11 7	2 25.75	+ 7 8.9	1.257	2.238	4.7	17.2
11 17	2 16.47	+ 6 40.0	1.319	2.268	9.3	17.5
11 27	2 9.57	+ 6 28.6	1.406	2.298	13.5	17.8
12 7	2 5.57	+ 6 35.4	1.514	2.327	17.0	18.1

443067 2013 GD_{4} 11 2.3 292°.27 4°.6/29.3 18

9 28	2 52.43	+ 7 9.9	1.816	2.673	13.6	21.0
10 8	2 48.52	+ 5 42.6	1.733	2.655	10.3	20.8
10 18	2 42.46	+ 4 8.4	1.673	2.638	6.8	20.5
10 28	2 34.91	+ 2 34.6	1.641	2.620	4.6	20.4
11 7	2 26.80	+ 1 9.3	1.636	2.603	6.1	20.4
11 17	2 19.13	+ 0 0.1	1.658	2.585	9.5	20.6
11 27	2 12.89	− 0 47.4	1.706	2.568	13.2	20.8
12 7	2 8.77	− 1 11.3	1.774	2.551	16.4	21.0

412964 2014 QW_{300} 11 2.3 92°.38 6°.9/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 51.93	− 4 53.5	2.299	3.142	11.6	20.4
10 8	2 47.50	− 6 16.2	2.247	3.148	9.3	20.3
10 18	2 41.49	− 7 33.0	2.220	3.154	7.5	20.2
10 28	2 34.49	− 8 37.5	2.220	3.160	6.9	20.1
11 7	2 27.23	− 9 24.3	2.247	3.166	8.0	20.2
11 17	2 20.46	− 9 50.1	2.300	3.172	9.9	20.4
11 27	2 14.87	− 9 54.0	2.378	3.178	12.1	20.5
12 7	2 10.94	− 9 37.2	2.476	3.184	14.0	20.7

242288 2003 UY_{157} 11 2.3 57°.66 1°.9/ 4.1 18

9 28	2 53.19	+23 17.2	2.215	3.026	13.1	20.2
10 8	2 48.69	+22 53.9	2.141	3.033	10.1	20.0
10 18	2 42.35	+22 16.8	2.089	3.040	6.8	19.8
10 28	2 34.81	+21 27.5	2.064	3.046	3.3	19.6
11 7	2 26.94	+20 29.6	2.067	3.054	2.2	19.6
11 17	2 19.60	+19 27.9	2.100	3.061	5.3	19.8
11 27	2 13.61	+18 28.4	2.161	3.068	8.7	20.0
12 7	2 9.52	+17 36.0	2.247	3.075	11.6	20.2

78957 2003 SE_{226} 11 2.3 328°.92 2°.3/31.0 18

9 28	2 50.57	+12 34.7	2.073	2.920	12.5	18.5
10 8	2 46.80	+11 16.6	1.995	2.914	9.3	18.2
10 18	2 41.22	+ 9 49.2	1.940	2.907	5.8	18.0
10 28	2 34.44	+ 8 17.8	1.914	2.901	2.6	17.8
11 7	2 27.27	+ 6 49.3	1.916	2.895	3.7	17.9
11 17	2 20.57	+ 5 30.2	1.947	2.890	7.2	18.1
11 27	2 15.14	+ 4 26.3	2.006	2.885	10.7	18.3
12 7	2 11.55	+ 3 40.8	2.087	2.880	13.7	18.5

427852 2005 MT_{49} 11 2.3 126°.33 0°.4/ 2.6 16

9 28	2 59.99	+18 8.4	1.710	2.539	15.5	22.3
10 8	2 54.17	+17 44.7	1.645	2.551	11.8	22.1
10 18	2 45.91	+17 8.6	1.602	2.563	7.5	21.9
10 28	2 36.09	+16 22.4	1.585	2.574	2.7	21.6
11 7	2 25.87	+15 31.1	1.597	2.585	2.2	21.6
11 17	2 16.43	+14 40.5	1.637	2.595	6.8	21.9
11 27	2 8.84	+13 57.0	1.704	2.605	11.0	22.2
12 7	2 3.76	+13 25.4	1.795	2.615	14.5	22.5

480347 2015 KE_{11} 11 2.3 81°.29 8°.9/28.1 18

9 28	2 59.34	− 6 51.3	1.642	2.486	15.4	20.6
10 8	2 53.47	− 7 51.7	1.601	2.501	12.4	20.5
10 18	2 45.34	− 8 40.8	1.581	2.516	9.9	20.3
10 28	2 35.85	− 9 11.1	1.587	2.531	8.9	20.3
11 7	2 26.12	− 9 17.1	1.618	2.545	9.9	20.4
11 17	2 17.27	− 8 57.0	1.674	2.560	12.2	20.6
11 27	2 10.25	− 8 12.1	1.754	2.574	14.8	20.8
12 7	2 5.61	− 7 6.2	1.853	2.589	17.2	21.0

307649 2003 SW_{173} 11 2.3 64°.63 7°.1/27.9 18

9 28	2 55.00	+ 1 17.1	1.554	2.415	15.2	20.2
10 8	2 50.31	− 0 26.5	1.514	2.434	11.7	20.0
10 18	2 43.40	− 2 7.1	1.498	2.453	8.5	19.9
10 28	2 35.17	− 3 35.2	1.508	2.472	7.1	19.9
11 7	2 26.72	− 4 42.6	1.543	2.491	8.5	20.0
11 17	2 19.13	− 5 24.0	1.605	2.511	11.3	20.2
11 27	2 13.31	− 5 38.0	1.689	2.530	14.4	20.5
12 7	2 9.79	− 5 26.5	1.793	2.549	17.0	20.7

66082 1998 RZ_{58} 11 2.3 347°.75 0°.7/ 2.9 18

9 28	2 53.53	+18 32.4	2.038	2.867	13.4	19.1
10 8	2 49.14	+18 16.7	1.959	2.865	10.2	18.9
10 18	2 42.74	+17 50.2	1.903	2.863	6.5	18.7
10 28	2 35.00	+17 14.7	1.873	2.861	2.5	18.4
11 7	2 26.79	+16 33.8	1.871	2.860	1.9	18.4
11 17	2 19.08	+15 52.1	1.899	2.858	5.9	18.6
11 27	2 12.76	+15 14.7	1.953	2.857	9.6	18.9
12 7	2 8.46	+14 45.9	2.031	2.856	12.8	19.1

126565 2002 CX_{106} 11 2.3 197°.49 1°.1/ 1.4 18

9 28	2 54.20	+13 8.9	2.384	3.216	11.6	20.1
10 8	2 49.30	+12 40.9	2.304	3.214	8.7	19.9
10 18	2 42.69	+12 6.6	2.248	3.212	5.4	19.7
10 28	2 34.96	+11 28.8	2.221	3.210	2.0	19.5
11 7	2 26.85	+10 51.1	2.223	3.208	2.4	19.5
11 17	2 19.18	+10 17.5	2.255	3.206	5.8	19.8
11 27	2 12.68	+ 9 51.5	2.315	3.203	9.1	20.0
12 7	2 7.91	+ 9 36.0	2.400	3.200	11.9	20.1

71686 2000 FU_{30} 11 2.3 286°.52 2°.4/31.2 18

9 28	2 52.31	+ 9 26.7	2.300	3.143	11.6	19.2
10 8	2 47.98	+ 8 45.5	2.216	3.132	8.7	19.0
10 18	2 41.93	+ 7 59.9	2.156	3.121	5.5	18.8
10 28	2 34.71	+ 7 13.4	2.124	3.110	2.7	18.6
11 7	2 27.07	+ 6 30.7	2.120	3.099	3.5	18.6
11 17	2 19.80	+ 5 55.8	2.146	3.088	6.7	18.8
11 27	2 13.69	+ 5 32.4	2.199	3.076	9.9	19.0
12 7	2 9.29	+ 5 22.5	2.275	3.065	12.8	19.2

92835 2000 QF_{185} 11 2.3 13°.64 1°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 56.88	+12 25.4	1.404	2.261	16.8	19.0
10 8	2 52.34	+12 7.7	1.339	2.262	12.6	18.8
10 18	2 45.03	+11 42.0	1.296	2.264	7.9	18.5
10 28	2 35.86	+11 12.3	1.277	2.267	2.9	18.2
11 7	2 26.09	+10 43.7	1.284	2.270	3.4	18.3
11 17	2 17.11	+10 21.9	1.317	2.273	8.4	18.6
11 27	2 10.13	+10 11.8	1.375	2.277	13.0	18.8
12 7	2 5.92	+10 16.3	1.454	2.282	16.9	19.1

44414 1998 SC_{141} 11 2.3 41°.09 2°.6/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.23	+13 44.4	1.425	2.285	16.4	18.0
10 8	2 49.27	+12 19.2	1.376	2.302	12.1	17.8
10 18	2 42.89	+10 42.8	1.349	2.319	7.4	17.6
10 28	2 35.02	+ 9 3.1	1.348	2.337	3.1	17.4
11 7	2 26.89	+ 7 29.5	1.373	2.355	4.3	17.5
11 17	2 19.65	+ 6 10.6	1.426	2.374	8.7	17.8
11 27	2 14.30	+ 5 12.9	1.502	2.393	12.8	18.1
12 7	2 11.40	+ 4 38.6	1.601	2.413	16.3	18.4

34587 2000 SA_{357} 11 2.3 81°.47 0°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.92	+13 53.5	1.599	2.437	16.0	18.2
10 8	2 55.58	+13 48.8	1.547	2.459	12.0	18.0
10 18	2 46.75	+13 36.3	1.517	2.481	7.4	17.8
10 28	2 36.38	+13 18.4	1.513	2.503	2.6	17.6
11 7	2 25.70	+12 59.1	1.538	2.525	2.6	17.6
11 17	2 15.96	+12 42.8	1.590	2.546	7.2	18.0
11 27	2 8.21	+12 33.8	1.669	2.567	11.3	18.3
12 7	2 3.07	+12 35.0	1.771	2.588	14.8	18.5

317510 2002 TJ_{54} 11 2.3 2°.89 1°.1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.12	+15 23.8	1.524	2.363	16.6	19.8
10 8	2 55.57	+16 9.4	1.451	2.363	12.7	19.5
10 18	2 47.13	+16 48.6	1.400	2.362	8.2	19.3
10 28	2 36.64	+17 20.7	1.375	2.363	3.2	19.0
11 7	2 25.38	+17 46.3	1.376	2.364	2.5	18.9
11 17	2 14.78	+18 7.2	1.405	2.366	7.3	19.2
11 27	2 6.16	+18 27.3	1.460	2.369	11.9	19.5
12 7	2 0.42	+18 50.3	1.538	2.372	15.8	19.8

87223 2000 OD_{41} 11 2.3 342°.98 2°.7/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.46	+23 29.1	1.404	2.240	17.9	18.2
10 8	2 50.80	+23 16.8	1.329	2.235	14.1	18.0
10 18	2 44.23	+22 44.3	1.273	2.230	9.5	17.7
10 28	2 35.63	+21 52.4	1.241	2.225	4.8	17.4
11 7	2 26.29	+20 45.8	1.234	2.221	3.1	17.3
11 17	2 17.68	+19 32.2	1.253	2.217	7.5	17.6
11 27	2 11.11	+18 21.4	1.297	2.215	12.3	17.8
12 7	2 7.44	+17 22.0	1.363	2.213	16.5	18.1

33595 Jiwoolee 11 2.3 279°.55 0°.4/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.65	+17 55.6	1.651	2.488	15.6	18.9
10 8	2 52.05	+17 37.2	1.566	2.477	12.0	18.7
10 18	2 44.87	+17 5.8	1.503	2.466	7.7	18.4
10 28	2 35.84	+16 23.3	1.466	2.455	2.9	18.1
11 7	2 26.09	+15 34.3	1.455	2.443	2.3	18.0
11 17	2 16.89	+14 44.8	1.472	2.432	7.2	18.3
11 27	2 9.42	+14 1.7	1.515	2.421	11.8	18.5
12 7	2 4.51	+13 30.5	1.581	2.409	15.7	18.8

222897 2002 GJ_{162} 11 2.3 104°.77 0°.9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.61	+13 56.7	2.442	3.271	11.4	20.7
10 8	2 49.43	+13 26.4	2.379	3.287	8.5	20.6
10 18	2 42.67	+12 49.9	2.341	3.304	5.2	20.4
10 28	2 34.93	+12 9.9	2.330	3.320	1.8	20.2
11 7	2 26.96	+11 30.0	2.350	3.336	2.1	20.2
11 17	2 19.51	+10 54.0	2.400	3.351	5.5	20.5
11 27	2 13.27	+10 25.4	2.478	3.366	8.5	20.7
12 7	2 8.72	+10 6.6	2.581	3.381	11.2	20.9

36161 1999 RB_{220} 11 2.3 345°.23 6°.6/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.33	− 1 40.2	1.894	2.747	13.2	18.2
10 8	2 48.96	− 2 40.9	1.831	2.743	10.4	18.0
10 18	2 42.61	− 3 37.3	1.791	2.740	7.8	17.8
10 28	2 34.96	− 4 22.7	1.777	2.738	6.6	17.7
11 7	2 26.92	− 4 51.5	1.790	2.735	7.7	17.8
11 17	2 19.41	− 4 59.8	1.829	2.733	10.3	18.0
11 27	2 13.33	− 4 46.4	1.892	2.731	13.1	18.1
12 7	2 9.25	− 4 12.4	1.976	2.730	15.7	18.3

477502 2010 CH_{93} 11 2.3 31°.89 4°.2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.31	+ 7 33.8	1.471	2.334	15.8	20.3
10 8	2 50.90	+ 6 40.3	1.414	2.339	11.9	20.1
10 18	2 44.00	+ 5 42.8	1.378	2.345	7.7	19.9
10 28	2 35.47	+ 4 48.0	1.367	2.351	4.4	19.7
11 7	2 26.50	+ 4 3.0	1.382	2.357	5.6	19.8
11 17	2 18.31	+ 3 33.6	1.423	2.364	9.5	20.1
11 27	2 11.98	+ 3 23.5	1.489	2.371	13.5	20.3
12 7	2 8.17	+ 3 33.4	1.575	2.378	16.9	20.6

484345 2007 UR_{122} 11 2.3 344°.92 4°.0/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 59.35	+ 4 21.2	1.263	2.129	17.7	20.3
10 8	2 54.70	+ 4 46.3	1.190	2.116	13.6	20.0
10 18	2 46.84	+ 5 16.3	1.136	2.103	8.9	19.7
10 28	2 36.62	+ 5 54.8	1.106	2.092	4.6	19.4
11 7	2 25.43	+ 6 44.2	1.101	2.082	5.3	19.4
11 17	2 14.88	+ 7 45.6	1.122	2.074	10.0	19.7
11 27	2 6.51	+ 8 58.8	1.166	2.067	14.9	19.9
12 7	2 1.31	+10 22.6	1.231	2.062	19.1	20.2

476448 2008 EQ_{45} 11 2.3 123°.34 0°.6/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.48	+16 29.1	1.743	2.575	15.1	22.3
10 8	2 53.66	+15 44.7	1.681	2.590	11.4	22.1
10 18	2 45.54	+14 48.7	1.642	2.605	7.1	21.9
10 28	2 35.98	+13 45.0	1.630	2.620	2.4	21.6
11 7	2 26.10	+12 39.5	1.646	2.633	2.5	21.7
11 17	2 17.02	+11 38.9	1.692	2.646	7.0	22.0
11 27	2 9.74	+10 49.1	1.764	2.659	11.0	22.2
12 7	2 4.85	+10 14.2	1.860	2.671	14.4	22.5

71169 1999 XV_{204} 11 2.3 326°.47 5°.9/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.22	+27 18.4	1.539	2.350	17.8	18.6
10 8	2 53.83	+28 11.6	1.453	2.337	14.5	18.4
10 18	2 46.33	+28 48.2	1.387	2.324	10.8	18.1
10 28	2 36.47	+29 4.2	1.343	2.311	7.3	17.9
11 7	2 25.54	+28 58.6	1.325	2.300	5.9	17.8
11 17	2 15.09	+28 34.1	1.333	2.288	8.3	17.9
11 27	2 6.66	+27 58.0	1.365	2.278	12.2	18.1
12 7	2 1.29	+27 19.1	1.420	2.268	16.0	18.3

44133 1998 HL_{80} 11 2.3 105°.67 0°.0/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.34	+18 0.6	1.548	2.384	16.5	19.5
10 8	2 53.84	+17 21.5	1.488	2.398	12.5	19.3
10 18	2 45.78	+16 28.3	1.449	2.413	7.8	19.1
10 28	2 36.09	+15 24.9	1.437	2.426	2.8	18.8
11 7	2 26.02	+14 17.5	1.452	2.440	2.4	18.8
11 17	2 16.85	+13 13.5	1.495	2.453	7.3	19.2
11 27	2 9.67	+12 20.1	1.564	2.465	11.7	19.4
12 7	2 5.13	+11 42.0	1.655	2.478	15.4	19.7

503321 2016 AK_{164} 11 2.3 322°.50 19°.4/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 5.15	+48 11.8	1.071	1.809	28.1	21.2
10 8	3 2.11	+50 35.7	1.006	1.802	25.9	21.0
10 18	2 53.27	+52 24.1	0.952	1.795	23.5	20.8
10 28	2 39.37	+53 20.4	0.913	1.788	21.2	20.6
11 7	2 22.89	+53 12.0	0.889	1.782	19.7	20.5
11 17	2 7.49	+51 57.4	0.882	1.776	19.4	20.5
11 27	1 56.59	+49 49.5	0.893	1.771	20.6	20.5
12 7	1 51.89	+47 11.3	0.920	1.767	22.8	20.6

523108 2016 RG_{50} 11 2.3 105°.98 8°.2/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.48	− 3 42.6	1.711	2.564	14.4	21.0
10 8	2 50.70	− 5 8.4	1.658	2.567	11.5	20.9
10 18	2 43.74	− 6 28.0	1.627	2.569	9.1	20.7
10 28	2 35.37	− 7 32.7	1.622	2.572	8.2	20.7
11 7	2 26.64	− 8 15.5	1.642	2.574	9.4	20.8
11 17	2 18.58	− 8 32.0	1.688	2.576	11.9	20.9
11 27	2 12.14	− 8 21.6	1.757	2.579	14.7	21.1
12 7	2 7.93	− 7 46.5	1.845	2.581	17.2	21.3

342273 2008 TY_{6} 11 2.3 196°.87 2°.0/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.80	+20 59.2	1.885	2.700	14.8	20.5
10 8	2 54.12	+21 5.2	1.803	2.699	11.5	20.2
10 18	2 46.02	+20 58.6	1.744	2.697	7.7	20.0
10 28	2 36.24	+20 39.7	1.710	2.694	3.6	19.8
11 7	2 25.84	+20 10.9	1.705	2.692	2.5	19.7
11 17	2 16.00	+19 36.3	1.729	2.689	6.3	19.9
11 27	2 7.83	+19 1.9	1.780	2.685	10.3	20.2
12 7	2 2.07	+18 33.2	1.856	2.682	13.8	20.4

437746 2014 FZ_{2} 11 2.3 13°.59 3°.5/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.73	+ 5 13.6	1.012	1.891	20.1	18.9
10 8	2 55.15	+ 5 52.5	0.965	1.897	15.2	18.7
10 18	2 47.06	+ 6 35.5	0.936	1.906	9.7	18.4
10 28	2 36.63	+ 7 25.0	0.929	1.917	4.5	18.1
11 7	2 25.57	+ 8 22.5	0.946	1.930	5.0	18.2
11 17	2 15.69	+ 9 27.9	0.987	1.945	10.2	18.6
11 27	2 8.49	+10 41.1	1.051	1.961	15.2	18.9
12 7	2 4.79	+12 0.9	1.133	1.980	19.4	19.2

64449 2001 VU_{29} 11 2.3 233°.84 0°.3/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.54	+15 26.4	2.084	2.916	13.0	19.8
10 8	2 50.59	+15 10.1	2.005	2.914	9.8	19.6
10 18	2 43.65	+14 45.5	1.949	2.911	6.2	19.3
10 28	2 35.37	+14 14.9	1.919	2.909	2.1	19.1
11 7	2 26.62	+13 41.8	1.919	2.907	2.0	19.1
11 17	2 18.36	+13 10.3	1.948	2.904	6.1	19.3
11 27	2 11.48	+12 45.0	2.004	2.901	9.8	19.6
12 7	2 6.60	+12 29.2	2.084	2.899	13.0	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
16546 1991 RP_5		11 2.3 115°.06 5°.5/27.1 18				
	h m	° ′			°	m
9 28	2 51.62	− 0 59.7	2.540	3.383	10.6	17.9
10 8	2 47.14	− 2 29.4	2.486	3.393	8.3	17.8
10 18	2 41.23	− 3 56.3	2.459	3.404	6.3	17.7
10 28	2 34.45	− 5 14.6	2.460	3.414	5.5	17.7
11 7	2 27.46	− 6 18.9	2.490	3.424	6.5	17.8
11 17	2 20.91	− 7 5.6	2.549	3.433	8.6	17.9
11 27	2 15.44	− 7 32.7	2.632	3.443	10.7	18.1
12 7	2 11.47	− 7 40.5	2.737	3.452	12.7	18.2
43545 2001 FL_5		11 2.3 163°.33 0°.3/ 2.7 18				
9 28	2 53.58	+18 8.6	2.317	3.141	12.2	19.4
10 8	2 48.93	+17 42.8	2.238	3.141	9.2	19.3
10 18	2 42.52	+17 7.3	2.182	3.142	5.8	19.0
10 28	2 34.96	+16 24.0	2.154	3.143	2.2	18.8
11 7	2 27.02	+15 36.6	2.156	3.144	1.7	18.8
11 17	2 19.55	+14 49.5	2.186	3.144	5.4	19.0
11 27	2 13.31	+14 7.2	2.245	3.145	8.8	19.2
12 7	2 8.86	+13 33.7	2.329	3.145	11.7	19.4
309609 2008 BZ_{39}		11 2.3 269°.67 3°.9/30.7 18				
9 28	2 56.69	+ 4 48.7	1.980	2.826	13.1	20.6
10 8	2 51.54	+ 4 19.9	1.900	2.816	9.9	20.4
10 18	2 44.30	+ 3 50.6	1.844	2.806	6.6	20.2
10 28	2 35.63	+ 3 25.3	1.815	2.796	4.1	20.0
11 7	2 26.43	+ 3 8.4	1.814	2.785	5.0	20.0
11 17	2 17.70	+ 3 3.5	1.841	2.775	8.2	20.2
11 27	2 10.37	+ 3 13.2	1.895	2.765	11.7	20.4
12 7	2 5.11	+ 3 37.9	1.971	2.755	14.7	20.6
469547 2003 SH_{433}		11 2.3 204°.62 1°.9/ 3.4 17				
9 28	3 2.61	+19 31.1	1.607	2.432	16.6	21.4
10 8	2 56.66	+19 47.3	1.528	2.429	12.8	21.2
10 18	2 47.83	+19 51.3	1.470	2.426	8.5	20.9
10 28	2 36.95	+19 42.8	1.437	2.423	3.8	20.7
11 7	2 25.28	+19 24.0	1.432	2.419	2.7	20.6
11 17	2 14.25	+18 59.2	1.455	2.415	7.2	20.9
11 27	2 5.20	+18 34.7	1.505	2.411	11.8	21.1
12 7	1 59.01	+18 16.4	1.577	2.406	15.7	21.4
175003 2004 EN_{69}		11 2.4 176°.39 1°.2/ 3.2 18				
9 28	2 56.73	+19 31.2	2.046	2.867	13.6	20.9
10 8	2 51.57	+19 25.1	1.967	2.867	10.5	20.7
10 18	2 44.31	+19 8.0	1.911	2.868	6.8	20.5
10 28	2 35.63	+18 40.9	1.881	2.868	2.9	20.3
11 7	2 26.47	+18 6.8	1.880	2.868	2.0	20.2
11 17	2 17.83	+17 30.1	1.908	2.868	5.8	20.5
11 27	2 10.65	+16 55.8	1.964	2.868	9.6	20.7
12 7	2 5.60	+16 28.5	2.044	2.868	12.8	20.9
267915 2004 CR_{77}		11 2.4 289°.79 7°.2/28.5 18				
9 28	2 55.87	+ 1 40.4	1.430	2.295	16.1	20.7
10 8	2 51.57	+ 0 18.2	1.363	2.285	12.5	20.4
10 18	2 44.60	− 1 4.2	1.317	2.275	9.0	20.2
10 28	2 35.79	− 2 17.4	1.296	2.266	7.2	20.1
11 7	2 26.33	− 3 12.1	1.300	2.256	8.7	20.1
11 17	2 17.53	− 3 41.6	1.329	2.247	12.2	20.3
11 27	2 10.60	− 3 42.7	1.381	2.238	16.0	20.5
12 7	2 6.33	− 3 16.6	1.451	2.228	19.4	20.7
201084 2002 GL_{56}		11 2.4 158°.82 1°.5/ 3.7 18				
9 28	2 57.93	+21 53.2	2.238	3.043	13.1	21.3
10 8	2 52.24	+21 32.5	2.160	3.050	10.1	21.1
10 18	2 44.61	+20 59.2	2.105	3.057	6.7	20.9
10 28	2 35.70	+20 14.4	2.078	3.063	3.1	20.7
11 7	2 26.43	+19 21.5	2.081	3.068	2.0	20.7
11 17	2 17.72	+18 25.4	2.114	3.073	5.4	20.9
11 27	2 10.42	+17 31.6	2.175	3.076	8.9	21.1
12 7	2 5.13	+16 45.1	2.262	3.080	11.9	21.3
146164 2000 SK_{224}		11 2.4 99°.69 0°.6/ 1.9 18				
9 28	2 56.11	+14 31.9	2.144	2.975	12.7	19.9
10 8	2 50.83	+14 12.1	2.078	2.987	9.5	19.7
10 18	2 43.69	+13 45.0	2.036	2.999	5.9	19.5
10 28	2 35.37	+13 13.3	2.022	3.011	2.0	19.3
11 7	2 26.73	+12 40.6	2.036	3.023	2.1	19.3
11 17	2 18.67	+12 10.8	2.080	3.035	5.9	19.6
11 27	2 12.00	+11 47.9	2.152	3.046	9.4	19.8
12 7	2 7.25	+11 34.7	2.248	3.057	12.3	20.0
201572 2003 SE_{52}		11 2.4 81°.46 3°.4/30.9 18				
9 28	2 56.38	+ 8 39.5	1.700	2.551	14.6	20.2
10 8	2 51.35	+ 7 45.1	1.644	2.565	10.9	20.0
10 18	2 44.13	+ 6 46.4	1.612	2.578	6.9	19.8
10 28	2 35.53	+ 5 49.2	1.606	2.591	3.7	19.6
11 7	2 26.63	+ 4 59.6	1.628	2.604	4.7	19.7
11 17	2 18.47	+ 4 23.1	1.677	2.617	8.4	20.0
11 27	2 12.00	+ 4 3.2	1.752	2.630	12.0	20.2
12 7	2 7.79	+ 4 1.2	1.848	2.643	15.1	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
103046 1999 XU_{128}		11 2.4 313°.35 8°.3/ 7.2 18				
	h m	° ′			°	m
9 28	3 1.00	+33 51.3	1.693	2.464	18.0	19.6
10 8	2 55.96	+35 1.1	1.606	2.454	15.3	19.4
10 18	2 47.71	+35 51.2	1.539	2.445	12.3	19.2
10 28	2 37.02	+36 15.8	1.494	2.435	9.5	19.0
11 7	2 25.20	+36 12.3	1.473	2.426	8.3	18.9
11 17	2 13.86	+35 42.5	1.479	2.417	9.5	19.0
11 27	2 4.59	+34 53.5	1.509	2.409	12.2	19.1
12 7	1 58.46	+33 55.7	1.562	2.401	15.4	19.3
161930 2007 EG_{161}		11 2.4 150°.89 1°.9/31.2 18				
9 28	2 52.30	+11 8.6	2.801	3.633	10.0	20.4
10 8	2 47.58	+10 7.3	2.729	3.640	7.5	20.2
10 18	2 41.50	+ 9 1.1	2.683	3.647	4.6	20.1
10 28	2 34.58	+ 7 53.6	2.667	3.654	2.2	19.9
11 7	2 27.43	+ 6 49.0	2.682	3.660	2.9	20.0
11 17	2 20.69	+ 5 51.6	2.727	3.666	5.6	20.2
11 27	2 14.95	+ 5 4.8	2.801	3.672	8.3	20.3
12 7	2 10.63	+ 4 30.7	2.900	3.677	10.7	20.5
169969 2002 TD_{147}		11 2.4 94°.71 0°.6/ 2.9 18				
9 28	2 57.44	+18 58.9	1.942	2.765	14.1	21.0
10 8	2 51.98	+18 34.0	1.880	2.783	10.7	20.8
10 18	2 44.46	+17 57.5	1.842	2.801	6.8	20.6
10 28	2 35.64	+17 11.7	1.830	2.818	2.6	20.3
11 7	2 26.54	+16 20.9	1.847	2.836	1.9	20.3
11 17	2 18.15	+15 30.4	1.894	2.852	6.0	20.6
11 27	2 11.35	+14 45.7	1.968	2.869	9.7	20.9
12 7	2 6.72	+14 11.2	2.066	2.885	12.9	21.1
241469 2009 AL_{24}		11 2.4 1°.50 1°.1/ 1.6 18				
9 28	2 55.10	+14 36.1	1.620	2.468	15.3	21.1
10 8	2 50.74	+14 2.2	1.549	2.468	11.6	20.8
10 18	2 43.95	+13 18.0	1.501	2.467	7.2	20.6
10 28	2 35.54	+12 27.4	1.477	2.467	2.5	20.3
11 7	2 26.60	+11 35.9	1.481	2.468	2.9	20.3
11 17	2 18.32	+10 49.8	1.513	2.468	7.5	20.6
11 27	2 11.76	+10 15.1	1.569	2.469	11.8	20.9
12 7	2 7.63	+ 9 55.3	1.648	2.470	15.5	21.1
177851 2005 OC_{26}		11 2.4 132°.28 0°.3/ 2.6 18				
9 28	2 55.68	+17 53.4	2.126	2.950	13.1	21.1
10 8	2 50.62	+17 30.8	2.052	2.956	9.9	20.9
10 18	2 43.63	+16 57.9	2.001	2.961	6.3	20.6
10 28	2 35.38	+16 17.1	1.978	2.967	2.3	20.4
11 7	2 26.75	+15 32.0	1.984	2.972	1.8	20.4
11 17	2 18.66	+14 47.3	2.019	2.977	5.7	20.7
11 27	2 11.97	+14 8.0	2.082	2.982	9.3	20.9
12 7	2 7.26	+13 37.9	2.170	2.986	12.4	21.1
316167 2009 WM_{29}		11 2.4 253°.85 1°.2/ 1.2 18				
9 28	2 52.54	+13 58.5	2.531	3.362	11.0	20.7
10 8	2 48.07	+13 11.0	2.438	3.348	8.3	20.5
10 18	2 41.99	+12 15.6	2.370	3.334	5.1	20.3
10 28	2 34.80	+11 15.4	2.330	3.319	1.9	20.1
11 7	2 27.22	+10 14.7	2.320	3.304	2.4	20.1
11 17	2 19.96	+ 9 18.1	2.340	3.289	5.8	20.3
11 27	2 13.77	+ 8 30.1	2.389	3.274	9.0	20.5
12 7	2 9.18	+ 7 54.0	2.462	3.258	11.8	20.6
227832 2007 CW_{41}		11 2.4 284°.61 1°.0/ 2.9 18				
9 28	2 57.30	+19 15.1	1.558	2.395	16.4	20.7
10 8	2 52.88	+19 0.1	1.464	2.374	12.7	20.5
10 18	2 45.63	+18 30.0	1.392	2.353	8.3	20.2
10 28	2 36.24	+17 46.0	1.344	2.332	3.3	19.8
11 7	2 25.91	+16 52.2	1.323	2.311	2.4	19.7
11 17	2 16.03	+15 55.2	1.329	2.290	7.6	20.0
11 27	2 7.96	+15 3.0	1.360	2.269	12.6	20.2
12 7	2 2.68	+14 22.8	1.413	2.248	16.9	20.4
95218 2002 CO_{14}		11 2.4 193°.37 1°.5/ 3.5 18 R				
9 28	2 58.20	+20 46.5	1.941	2.759	14.4	20.1
10 8	2 52.83	+20 36.9	1.860	2.758	11.1	19.8
10 18	2 45.18	+20 14.4	1.801	2.756	7.3	19.6
10 28	2 35.97	+19 39.9	1.769	2.754	3.3	19.4
11 7	2 26.22	+18 56.6	1.765	2.752	2.2	19.3
11 17	2 17.03	+18 9.5	1.790	2.750	6.1	19.5
11 27	2 9.43	+17 24.6	1.842	2.747	10.1	19.8
12 7	2 4.10	+16 47.4	1.919	2.743	13.5	20.0
76026 2000 DD_{39}		11 2.4 146°.74 0°.5/ 1.8 18				
9 28	2 53.05	+15 7.6	2.613	3.439	10.9	19.8
10 8	2 48.30	+14 37.1	2.537	3.444	8.1	19.7
10 18	2 42.03	+13 59.7	2.486	3.449	5.0	19.5
10 28	2 34.79	+13 17.8	2.464	3.453	1.7	19.3
11 7	2 27.26	+12 34.8	2.471	3.458	1.8	19.3
11 17	2 20.14	+11 54.4	2.509	3.462	5.1	19.5
11 27	2 14.11	+11 20.3	2.575	3.465	8.1	19.7
12 7	2 9.65	+10 55.3	2.666	3.469	10.8	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
127628 2003 BT_{81} 11 2.4 188°.91 3°.2/ 4.6 18						
	h m	° ′			°	m
9 28	2 59.95	+24 53.1	1.917	2.718	15.1	20.1
10 8	2 54.27	+24 58.5	1.834	2.718	12.0	19.9
10 18	2 46.15	+24 48.3	1.773	2.717	8.3	19.7
10 28	2 36.33	+24 21.9	1.738	2.715	4.7	19.5
11 7	2 25.92	+23 41.6	1.731	2.713	3.4	19.4
11 17	2 16.08	+22 51.9	1.752	2.711	6.3	19.6
11 27	2 7.94	+21 59.6	1.802	2.708	10.1	19.8
12 7	2 2.25	+21 11.6	1.875	2.705	13.5	20.0
227154 2005 QQ_{1} 11 2.4 70°.42 0°.4/ 2.1 16						
9 28	3 0.30	+16 35.1	1.388	2.233	17.6	21.2
10 8	2 54.63	+15 59.6	1.343	2.258	13.2	21.0
10 18	2 46.27	+15 11.4	1.318	2.284	8.2	20.8
10 28	2 36.29	+14 15.0	1.319	2.309	2.8	20.5
11 7	2 26.08	+13 17.0	1.346	2.334	2.7	20.6
11 17	2 16.97	+12 24.5	1.401	2.359	7.7	20.9
11 27	2 10.06	+11 44.1	1.481	2.383	12.2	21.3
12 7	2 5.93	+11 19.5	1.582	2.408	15.8	21.6
220090 2002 SH_{31} 11 2.4 106°.75 3°.4/31.1 16						
9 28	2 57.83	+ 9 42.2	1.514	2.368	15.9	20.3
10 8	2 52.75	+ 8 44.0	1.454	2.376	11.9	20.1
10 18	2 45.17	+ 7 39.3	1.417	2.384	7.5	19.9
10 28	2 35.95	+ 6 34.5	1.405	2.392	3.8	19.7
11 7	2 26.32	+ 5 37.0	1.421	2.399	4.9	19.8
11 17	2 17.50	+ 4 53.3	1.463	2.406	9.1	20.0
11 27	2 10.57	+ 4 28.0	1.530	2.414	13.1	20.3
12 7	2 6.21	+ 4 22.8	1.619	2.421	16.6	20.6
123989 2001 FG_{62} 11 2.4 149°.73 4°.0/29.6 18						
9 28	2 52.55	+ 4 25.7	2.361	3.206	11.2	19.9
10 8	2 48.03	+ 3 27.7	2.293	3.208	8.5	19.7
10 18	2 41.91	+ 2 28.9	2.251	3.210	5.7	19.6
10 28	2 34.76	+ 1 34.1	2.237	3.212	4.0	19.4
11 7	2 27.32	+ 0 48.2	2.251	3.214	5.0	19.5
11 17	2 20.33	+ 0 14.9	2.294	3.216	7.6	19.7
11 27	2 14.47	− 0 3.1	2.364	3.218	10.3	19.9
12 7	2 10.27	− 0 5.0	2.456	3.219	12.7	20.0
509939 2009 QB_{51} 11 2.4 49°.73 4°.1/31.1 18						
9 28	2 58.02	+ 8 52.6	1.188	2.058	18.3	20.7
10 8	2 53.22	+ 7 58.3	1.148	2.077	13.7	20.5
10 18	2 45.53	+ 6 59.1	1.127	2.096	8.6	20.3
10 28	2 36.06	+ 6 2.5	1.130	2.116	4.5	20.1
11 7	2 26.30	+ 5 16.8	1.158	2.136	5.7	20.2
11 17	2 17.68	+ 4 48.2	1.211	2.157	10.1	20.5
11 27	2 11.37	+ 4 40.3	1.287	2.178	14.5	20.9
12 7	2 7.99	+ 4 53.4	1.382	2.200	18.1	21.2
450444 2005 UY_{399} 11 2.4 303°.28 2°.2/ 4.1 15						
9 28	2 52.69	+30 16.5	0.941	1.787	23.8	21.7
10 8	2 50.82	+28 21.4	0.859	1.770	19.1	21.4
10 18	2 44.95	+25 30.6	0.794	1.753	13.1	21.0
10 28	2 36.10	+21 45.2	0.750	1.736	6.1	20.5
11 7	2 26.15	+17 21.5	0.731	1.720	3.2	20.3
11 17	2 17.23	+12 49.5	0.738	1.704	10.6	20.7
11 27	2 11.21	+ 8 42.7	0.768	1.689	17.8	21.0
12 7	2 9.09	+ 5 23.7	0.817	1.675	23.9	21.3
291631 2006 HG_{15} 11 2.4 137°.99 0°.4/ 2.6 17						
9 28	3 3.92	+16 11.7	1.527	2.361	16.9	21.4
10 8	2 57.53	+16 16.8	1.461	2.369	12.8	21.2
10 18	2 48.28	+16 11.6	1.416	2.377	8.1	20.9
10 28	2 37.11	+15 57.6	1.396	2.385	3.0	20.6
11 7	2 25.34	+15 38.0	1.404	2.392	2.4	20.6
11 17	2 14.41	+15 17.5	1.440	2.399	7.5	20.9
11 27	2 5.60	+15 1.8	1.502	2.405	12.0	21.2
12 7	1 59.68	+14 55.5	1.587	2.411	15.9	21.5
60819 2000 HY_{38} 11 2.4 97°.91 2°.5/31.4 18						
9 28	2 54.95	+10 5.4	1.937	2.782	13.3	19.3
10 8	2 50.17	+ 9 21.0	1.869	2.787	9.9	19.1
10 18	2 43.39	+ 8 31.3	1.826	2.791	6.2	18.9
10 28	2 35.32	+ 7 40.9	1.809	2.796	2.9	18.7
11 7	2 26.88	+ 6 54.9	1.821	2.800	3.8	18.8
11 17	2 19.01	+ 6 18.2	1.861	2.805	7.4	19.0
11 27	2 12.60	+ 5 54.8	1.927	2.809	10.9	19.3
12 7	2 8.22	+ 5 46.7	2.017	2.813	14.0	19.5
364232 2006 SW_{103} 11 2.4 310°.30 3°.4/ 4.2 17						
9 28	2 58.32	+22 35.7	1.741	2.559	15.7	22.0
10 8	2 53.50	+23 10.2	1.648	2.543	12.5	21.8
10 18	2 45.96	+23 32.5	1.577	2.526	8.7	21.5
10 28	2 36.38	+23 40.7	1.531	2.510	4.8	21.2
11 7	2 25.87	+23 35.4	1.511	2.495	3.6	21.1
11 17	2 15.75	+23 19.4	1.520	2.479	7.0	21.3
11 27	2 7.33	+22 58.3	1.554	2.465	11.1	21.5
12 7	2 1.53	+22 38.5	1.611	2.450	14.9	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
42262 2001 PE_{6} 11 2.4 291°.72 5°.7/28.9 18 R						
	h m	° ′			°	m
9 28	2 53.95	+ 2 0.9	1.863	2.717	13.4	18.4
10 8	2 49.61	+ 0 55.5	1.788	2.705	10.3	18.2
10 18	2 43.17	− 0 9.9	1.736	2.693	7.4	18.0
10 28	2 35.30	− 1 8.5	1.711	2.681	5.7	17.9
11 7	2 26.92	− 1 53.9	1.712	2.669	6.9	17.9
11 17	2 19.01	− 2 20.8	1.741	2.657	9.9	18.1
11 27	2 12.52	− 2 26.5	1.794	2.645	13.1	18.2
12 7	2 8.11	− 2 10.9	1.867	2.634	16.0	18.4
321562 2009 SF_{349} 11 2.4 100°.11 0°.2/ 2.6 18						
9 28	2 55.27	+16 57.7	2.326	3.149	12.1	21.7
10 8	2 50.13	+16 43.1	2.257	3.161	9.2	21.5
10 18	2 43.26	+16 20.3	2.212	3.172	5.8	21.3
10 28	2 35.27	+15 51.1	2.194	3.183	2.1	21.1
11 7	2 26.97	+15 18.7	2.206	3.194	1.7	21.1
11 17	2 19.19	+14 46.7	2.248	3.205	5.3	21.3
11 27	2 12.69	+14 19.1	2.318	3.216	8.6	21.6
12 7	2 7.98	+13 59.3	2.413	3.226	11.4	21.8
50643 2000 EU_{86} 11 2.4 272°.91 0°.7/ 2.8 18						
9 28	2 57.49	+19 2.5	1.622	2.456	16.0	19.3
10 8	2 52.89	+18 40.3	1.530	2.438	12.4	19.0
10 18	2 45.57	+18 3.0	1.459	2.420	8.0	18.7
10 28	2 36.25	+17 12.4	1.413	2.402	3.1	18.4
11 7	2 26.07	+16 13.1	1.395	2.383	2.3	18.3
11 17	2 16.37	+15 11.6	1.404	2.365	7.4	18.5
11 27	2 8.44	+14 16.1	1.439	2.346	12.2	18.8
12 7	2 3.17	+13 33.1	1.497	2.326	16.4	19.0
489103 2006 BO_{210} 11 2.4 272°.69 1°.2/ 1.3 17						
9 28	2 53.03	+13 18.8	2.273	3.110	11.9	22.1
10 8	2 48.61	+12 42.2	2.188	3.101	9.0	21.9
10 18	2 42.41	+11 58.3	2.127	3.092	5.6	21.6
10 28	2 35.02	+11 10.3	2.093	3.082	2.1	21.4
11 7	2 27.19	+10 22.3	2.089	3.073	2.6	21.4
11 17	2 19.77	+ 9 39.0	2.114	3.064	6.1	21.6
11 27	2 13.53	+ 9 4.7	2.166	3.055	9.6	21.8
12 7	2 9.06	+ 8 42.2	2.243	3.046	12.5	22.0
42930 1999 TM_{11} 11 2.4 127°.08 13°.2/24.7 18						
9 28	3 3.73	−20 55.9	1.808	2.601	16.2	18.3
10 8	2 56.65	−22 22.3	1.781	2.618	14.5	18.3
10 18	2 47.31	−23 26.1	1.775	2.634	13.4	18.2
10 28	2 36.67	−23 58.7	1.792	2.650	13.2	18.3
11 7	2 25.89	−23 55.6	1.832	2.664	14.0	18.3
11 17	2 16.09	−23 17.0	1.894	2.678	15.4	18.5
11 27	2 8.21	−22 6.8	1.976	2.691	17.0	18.6
12 7	2 2.79	−20 31.4	2.075	2.703	18.4	18.8
29451 1997 RM_{1} 11 2.4 67°.25 2°.3/ 3.8 18						
9 28	3 6.20	+21 35.3	1.439	2.260	18.3	18.1
10 8	2 58.90	+21 38.3	1.402	2.300	14.0	17.9
10 18	2 48.84	+21 25.0	1.386	2.340	9.2	17.8
10 28	2 37.20	+20 56.3	1.395	2.379	4.2	17.6
11 7	2 25.48	+20 16.9	1.431	2.418	2.8	17.6
11 17	2 15.09	+19 33.1	1.495	2.456	7.0	17.9
11 27	2 7.10	+18 52.3	1.586	2.494	11.2	18.3
12 7	2 2.09	+18 20.4	1.700	2.530	14.7	18.6
214949 2007 VO_{312} 11 2.4 319°.16 0°.2/ 2.2 18						
9 28	2 56.14	+15 30.1	1.809	2.648	14.4	20.8
10 8	2 51.39	+15 17.0	1.732	2.644	10.9	20.6
10 18	2 44.35	+14 54.8	1.676	2.640	6.9	20.3
10 28	2 35.74	+14 25.6	1.647	2.637	2.4	20.1
11 7	2 26.58	+13 53.5	1.646	2.633	2.2	20.0
11 17	2 17.96	+13 23.0	1.672	2.630	6.7	20.3
11 27	2 10.91	+12 59.3	1.726	2.627	10.8	20.6
12 7	2 6.15	+12 46.1	1.802	2.624	14.3	20.8
396520 2014 GJ_{18} 11 2.4 197°.35 5°.9/28.6 18						
9 28	2 56.83	− 1 9.7	2.145	2.986	12.4	21.7
10 8	2 51.41	− 2 6.3	2.077	2.984	9.7	21.5
10 18	2 44.12	− 2 59.6	2.033	2.981	7.2	21.3
10 28	2 35.61	− 3 43.6	2.017	2.977	5.9	21.3
11 7	2 26.72	− 4 13.3	2.028	2.974	6.9	21.3
11 17	2 18.33	− 4 25.2	2.067	2.970	9.4	21.5
11 27	2 11.27	− 4 17.7	2.132	2.965	12.1	21.6
12 7	2 6.11	− 3 51.5	2.219	2.960	14.5	21.8
378576 2008 DB_{56} 11 2.4 200°.60 2°.1/31.9 18						
9 28	2 59.29	+11 29.3	1.712	2.555	14.9	21.3
10 8	2 53.81	+10 54.6	1.637	2.553	11.2	21.1
10 18	2 45.89	+10 12.6	1.584	2.550	7.0	20.9
10 28	2 36.29	+ 9 27.5	1.558	2.546	2.9	20.6
11 7	2 26.13	+ 8 44.7	1.560	2.543	3.6	20.6
11 17	2 16.59	+ 8 9.8	1.590	2.538	7.9	20.9
11 27	2 8.77	+ 7 47.6	1.646	2.534	12.1	21.1
12 7	2 3.39	+ 7 40.9	1.724	2.529	15.7	21.4

479649 2014 DZ_{57} 11 2.4 10°.22 10°.2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 51.74	− 3 19.1	1.238	2.115	17.2	19.7
10 8	2 48.58	− 5 9.2	1.194	2.117	13.8	19.5
10 18	2 42.74	− 6 51.5	1.171	2.120	11.1	19.4
10 28	2 35.17	− 8 13.7	1.171	2.124	10.2	19.3
11 7	2 27.15	− 9 5.7	1.194	2.129	11.7	19.4
11 17	2 19.99	− 9 22.3	1.238	2.136	14.7	19.6
11 27	2 14.83	− 9 3.4	1.303	2.143	17.8	19.9
12 7	2 12.31	− 8 13.7	1.385	2.151	20.7	20.1

326804 2003 SG_{339} 11 2.4 202°.69 0°.9/ 1.6 17

9 28	2 55.44	+12 20.0	2.483	3.312	11.3	21.7
10 8	2 50.24	+12 11.0	2.402	3.311	8.5	21.5
10 18	2 43.35	+11 57.4	2.346	3.309	5.3	21.3
10 28	2 35.35	+11 41.2	2.318	3.307	1.9	21.1
11 7	2 26.95	+11 25.1	2.320	3.305	2.2	21.1
11 17	2 18.96	+11 11.9	2.351	3.303	5.5	21.3
11 27	2 12.10	+11 4.7	2.412	3.301	8.7	21.5
12 7	2 6.93	+11 5.5	2.497	3.298	11.5	21.7

187623 2007 BM_{10} 11 2.4 171°.94 0°.3/ 2.7 18

9 28	2 55.09	+17 47.4	2.402	3.221	11.9	21.0
10 8	2 50.03	+17 26.9	2.322	3.223	9.0	20.8
10 18	2 43.24	+16 57.3	2.266	3.225	5.7	20.6
10 28	2 35.31	+16 20.5	2.238	3.226	2.1	20.3
11 7	2 27.00	+15 39.7	2.239	3.227	1.6	20.3
11 17	2 19.15	+14 58.9	2.271	3.228	5.2	20.6
11 27	2 12.51	+14 22.3	2.331	3.228	8.6	20.8
12 7	2 7.64	+13 53.7	2.416	3.229	11.4	21.0

429781 2012 GX_{37} 11 2.4 110°.89 3°.7/30.9 16

9 28	3 0.68	+ 7 43.3	1.674	2.520	15.1	22.0
10 8	2 54.54	+ 6 50.3	1.623	2.539	11.3	21.8
10 18	2 46.11	+ 5 54.1	1.595	2.559	7.2	21.6
10 28	2 36.30	+ 5 0.6	1.594	2.578	4.0	21.4
11 7	2 26.22	+ 4 15.9	1.621	2.596	5.0	21.5
11 17	2 17.02	+ 3 44.9	1.676	2.613	8.6	21.8
11 27	2 9.65	+ 3 31.0	1.757	2.630	12.3	22.1
12 7	2 4.69	+ 3 34.7	1.860	2.646	15.4	22.3

28689 Rohrback 11 2.4 52°.51 0°.9/ 1.7 18

9 28	2 54.89	+15 14.8	1.742	2.585	14.7	19.2
10 8	2 50.34	+14 36.4	1.679	2.595	11.0	19.0
10 18	2 43.60	+13 48.0	1.639	2.604	6.8	18.8
10 28	2 35.44	+12 53.4	1.624	2.614	2.4	18.5
11 7	2 26.92	+11 58.2	1.637	2.624	2.6	18.5
11 17	2 19.07	+11 8.2	1.679	2.634	6.9	18.8
11 27	2 12.86	+10 28.9	1.746	2.644	10.9	19.1
12 7	2 8.89	+10 3.9	1.837	2.655	14.3	19.3

117527 2005 CU_{58} 11 2.4 308°.08 0°.5/ 2.1 18

9 28	2 55.42	+15 30.8	1.596	2.442	15.6	20.4
10 8	2 51.25	+15 10.3	1.511	2.428	11.9	20.1
10 18	2 44.49	+14 38.7	1.448	2.414	7.5	19.9
10 28	2 35.87	+13 58.8	1.410	2.400	2.6	19.5
11 7	2 26.49	+13 15.3	1.399	2.387	2.6	19.5
11 17	2 17.62	+12 34.3	1.415	2.374	7.6	19.8
11 27	2 10.48	+12 2.1	1.457	2.361	12.2	20.0
12 7	2 5.89	+11 43.5	1.520	2.349	16.2	20.2

365800 2011 CF_{3} 11 2.4 284°.13 4°.3/29.4 18

9 28	2 52.17	+ 4 8.3	2.252	3.101	11.6	20.9
10 8	2 47.92	+ 3 8.2	2.177	3.093	8.8	20.7
10 18	2 41.96	+ 2 6.8	2.126	3.085	6.0	20.6
10 28	2 34.87	+ 1 9.3	2.103	3.078	4.3	20.4
11 7	2 27.39	+ 0 21.1	2.108	3.070	5.3	20.5
11 17	2 20.33	− 0 13.5	2.141	3.063	8.0	20.6
11 27	2 14.43	− 0 31.6	2.201	3.055	10.9	20.8
12 7	2 10.24	− 0 32.4	2.283	3.048	13.5	21.0

29236 1992 EB_{14} 11 2.4 258°.61 0°.0/ 2.5 18

9 28	2 57.75	+17 15.8	1.693	2.528	15.4	19.5
10 8	2 52.89	+16 53.7	1.606	2.517	11.8	19.2
10 18	2 45.46	+16 19.2	1.542	2.504	7.5	19.0
10 28	2 36.21	+15 34.5	1.503	2.492	2.7	18.7
11 7	2 26.22	+14 44.1	1.491	2.479	2.3	18.6
11 17	2 16.76	+13 54.0	1.508	2.467	7.2	18.9
11 27	2 9.00	+13 11.0	1.551	2.454	11.7	19.1
12 7	2 3.76	+12 40.5	1.616	2.440	15.6	19.3

395715 2012 TF_{169} 11 2.4 80°.09 0°.4/ 2.3 14 C

9 28	3 18.97	+ 8 12.3	1.033	1.878	22.3	20.3
10 8	3 10.29	+ 9 46.3	0.972	1.886	17.1	20.0
10 18	2 57.04	+11 25.4	0.931	1.895	10.9	19.7
10 28	2 40.43	+13 6.1	0.914	1.903	3.9	19.4
11 7	2 22.65	+14 43.5	0.924	1.912	3.4	19.4
11 17	2 6.21	+16 13.9	0.962	1.921	10.2	19.8
11 27	1 53.24	+17 37.6	1.025	1.929	16.1	20.2
12 7	1 44.87	+18 57.4	1.108	1.938	20.8	20.5

470537 2008 DO_{39} 11 2.4 83°.74 3°.9/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.06	+ 9 13.6	1.561	2.410	15.8	21.2
10 8	2 54.03	+ 7 51.7	1.522	2.441	11.7	21.1
10 18	2 45.73	+ 6 25.3	1.506	2.471	7.4	20.9
10 28	2 36.13	+ 5 1.8	1.517	2.501	4.1	20.8
11 7	2 26.44	+ 3 49.3	1.556	2.530	5.3	20.9
11 17	2 17.76	+ 2 54.0	1.623	2.559	9.0	21.2
11 27	2 11.03	+ 2 19.7	1.715	2.587	12.6	21.5
12 7	2 6.74	+ 2 6.7	1.829	2.614	15.6	21.8

395005 2009 BJ_{134} 11 2.4 152°.66 6°.5/27.9 18

9 28	2 55.91	− 2 47.8	2.155	2.996	12.3	21.3
10 8	2 50.64	− 3 56.7	2.098	3.002	9.7	21.1
10 18	2 43.59	− 5 0.8	2.066	3.008	7.5	21.0
10 28	2 35.42	− 5 53.9	2.061	3.013	6.5	21.0
11 7	2 26.96	− 6 30.6	2.083	3.018	7.5	21.0
11 17	2 19.06	− 6 47.5	2.133	3.023	9.7	21.2
11 27	2 12.47	− 6 43.6	2.207	3.027	12.2	21.4
12 7	2 7.75	− 6 20.0	2.303	3.031	14.4	21.5

392404 2010 LW_{34} 11 2.4 209°.61 1°.4/ 1.2 18

9 28	2 54.68	+15 2.6	1.935	2.773	13.6	21.0
10 8	2 50.09	+13 58.9	1.857	2.771	10.2	20.8
10 18	2 43.43	+12 44.1	1.803	2.768	6.3	20.6
10 28	2 35.41	+11 22.7	1.776	2.766	2.3	20.3
11 7	2 26.97	+10 1.0	1.778	2.763	3.0	20.4
11 17	2 19.07	+ 8 46.0	1.809	2.759	7.0	20.6
11 27	2 12.64	+ 7 43.9	1.868	2.756	10.9	20.8
12 7	2 8.28	+ 6 58.7	1.949	2.753	14.1	21.1

162368 2000 AV_{101} 11 2.4 328°.01 4°.9/30.3 18

9 28	2 52.07	+ 7 12.2	1.356	2.228	16.3	19.0
10 8	2 49.03	+ 6 13.6	1.277	2.208	12.4	18.7
10 18	2 43.25	+ 5 8.8	1.220	2.189	8.2	18.4
10 28	2 35.47	+ 4 5.2	1.187	2.170	5.0	18.2
11 7	2 26.88	+ 3 11.4	1.178	2.153	6.5	18.2
11 17	2 18.82	+ 2 35.3	1.194	2.136	10.8	18.4
11 27	2 12.59	+ 2 22.3	1.233	2.121	15.3	18.6
12 7	2 9.08	+ 2 33.9	1.291	2.106	19.3	18.8

12045 Klein 11 2.4 65°.15 6°.7/ 6.8 18 R

9 28	3 3.82	+31 11.8	1.639	2.421	18.1	16.8
10 8	2 57.61	+32 6.6	1.581	2.441	14.9	16.7
10 18	2 48.41	+32 40.4	1.543	2.462	11.3	16.5
10 28	2 37.22	+32 49.5	1.528	2.483	8.1	16.4
11 7	2 25.46	+32 33.9	1.540	2.504	6.7	16.3
11 17	2 14.64	+31 58.0	1.578	2.524	8.2	16.5
11 27	2 6.06	+31 9.8	1.642	2.545	11.1	16.7
12 7	2 0.51	+30 18.6	1.729	2.566	14.2	16.9

286658 2002 EV_{94} 11 2.4 164°.74 1°.4/ 3.4 18

9 28	2 59.66	+19 56.5	2.104	2.916	13.6	21.4
10 8	2 53.75	+19 54.9	2.026	2.921	10.5	21.2
10 18	2 45.70	+19 42.3	1.971	2.925	6.9	21.0
10 28	2 36.23	+19 19.5	1.943	2.928	3.0	20.8
11 7	2 26.29	+18 49.1	1.944	2.931	2.0	20.7
11 17	2 16.90	+18 15.1	1.975	2.934	5.7	21.0
11 27	2 9.01	+17 42.6	2.034	2.936	9.4	21.2
12 7	2 3.27	+17 16.1	2.119	2.937	12.6	21.4

91304 1999 FU_{44} 11 2.4 320°.66 3°.0/ 5.3 18

9 28	2 51.99	+26 17.3	2.710	3.500	11.5	18.3
10 8	2 47.79	+26 25.5	2.611	3.485	9.2	18.1
10 18	2 41.92	+26 21.9	2.535	3.471	6.6	17.9
10 28	2 34.89	+26 6.2	2.486	3.458	4.1	17.7
11 7	2 27.39	+25 39.7	2.465	3.444	3.1	17.7
11 17	2 20.19	+25 5.0	2.474	3.431	4.9	17.8
11 27	2 14.02	+24 26.3	2.511	3.418	7.6	17.9
12 7	2 9.48	+23 48.2	2.574	3.405	10.2	18.1

304976 2007 TF_{171} 11 2.4 77°.02 1°.1/ 3.1 16

9 28	3 0.13	+18 48.5	1.729	2.555	15.5	21.3
10 8	2 54.27	+18 48.5	1.672	2.575	11.8	21.1
10 18	2 46.05	+18 36.8	1.637	2.596	7.6	20.9
10 28	2 36.32	+18 14.8	1.629	2.616	3.1	20.7
11 7	2 26.26	+17 46.0	1.648	2.636	2.1	20.6
11 17	2 17.02	+17 15.1	1.696	2.656	6.4	21.0
11 27	2 9.62	+16 47.6	1.771	2.676	10.4	21.2
12 7	2 4.68	+16 28.0	1.869	2.695	13.7	21.5

31205 1998 BW 11 2.4 179°.31 5°.5/ 7.9 18 R

9 28	2 58.99	+35 34.8	2.754	3.483	12.7	18.6
10 8	2 53.09	+35 54.5	2.663	3.484	10.7	18.4
10 18	2 45.24	+35 57.6	2.594	3.485	8.5	18.3
10 28	2 36.06	+35 42.2	2.551	3.485	6.5	18.1
11 7	2 26.42	+35 8.7	2.536	3.485	5.5	18.1
11 17	2 17.23	+34 19.7	2.550	3.485	6.2	18.1
11 27	2 9.36	+33 20.2	2.592	3.484	8.1	18.2
12 7	2 3.43	+32 16.5	2.661	3.482	10.3	18.4

398804 2013 BB_{29} 11 2.4 285°.07 1°.4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.33	+20 56.3	1.816	2.642	14.9	21.0
10 8	2 50.93	+20 34.8	1.728	2.631	11.5	20.8
10 18	2 44.17	+19 58.4	1.662	2.620	7.6	20.5
10 28	2 35.75	+19 8.6	1.622	2.608	3.3	20.3
11 7	2 26.68	+18 9.5	1.609	2.597	2.2	20.2
11 17	2 18.12	+17 6.9	1.624	2.586	6.5	20.4
11 27	2 11.14	+16 8.2	1.667	2.575	10.7	20.6
12 7	2 6.49	+15 19.5	1.732	2.563	14.4	20.9

137295 1999 RB_{216} 11 2.4 7°.38 0°.3/30.6 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 33.88	+ 5 57.3	33.019	33.854	0.9	22.8
10 8	2 33.12	+ 5 51.6	32.944	33.856	0.7	22.8
10 18	2 32.27	+ 5 46.0	32.897	33.858	0.4	22.7
10 28	2 31.37	+ 5 40.5	32.878	33.860	0.3	22.7
11 7	2 30.45	+ 5 35.5	32.890	33.862	0.3	22.7
11 17	2 29.55	+ 5 31.1	32.932	33.864	0.6	22.7
11 27	2 28.71	+ 5 27.3	33.003	33.865	0.8	22.8
12 7	2 27.95	+ 5 24.5	33.101	33.867	1.1	22.8

185961 2001 FQ_{74} 11 2.4 262°.11 1°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.68	+13 2.2	1.543	2.389	16.1	20.6
10 8	2 54.55	+12 46.5	1.461	2.378	12.2	20.3
10 18	2 46.62	+12 22.3	1.400	2.366	7.7	20.1
10 28	2 36.67	+11 52.7	1.364	2.354	2.8	19.7
11 7	2 25.90	+11 22.3	1.356	2.342	3.2	19.7
11 17	2 15.69	+10 56.7	1.375	2.330	8.2	20.0
11 27	2 7.35	+10 41.3	1.419	2.317	12.9	20.2
12 7	2 1.75	+10 39.8	1.485	2.305	17.0	20.5

90546 2004 FW_{109} 11 2.4 134°.53 0°.4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.21	+15 37.9	1.813	2.644	14.7	20.7
10 8	2 54.28	+15 16.3	1.747	2.655	11.1	20.5
10 18	2 46.06	+14 45.0	1.703	2.665	6.9	20.3
10 28	2 36.36	+14 6.9	1.686	2.675	2.4	20.0
11 7	2 26.24	+13 26.3	1.698	2.685	2.3	20.1
11 17	2 16.84	+12 48.3	1.738	2.694	6.7	20.4
11 27	2 9.16	+12 18.1	1.806	2.703	10.7	20.6
12 7	2 3.85	+11 59.3	1.898	2.711	14.1	20.9

265450 2004 XC_{99} 11 2.4 279°.40 3°.4/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.06	+ 5 17.4	2.325	3.168	11.5	20.3
10 8	2 49.35	+ 4 44.6	2.241	3.155	8.7	20.1
10 18	2 42.90	+ 4 10.7	2.181	3.142	5.8	19.9
10 28	2 35.25	+ 3 39.7	2.149	3.129	3.6	19.8
11 7	2 27.15	+ 3 15.5	2.145	3.116	4.4	19.8
11 17	2 19.42	+ 3 1.7	2.171	3.103	7.3	20.0
11 27	2 12.83	+ 3 0.8	2.223	3.089	10.3	20.1
12 7	2 7.96	+ 3 13.7	2.298	3.076	13.1	20.3

24408 2000 AH_{214} 11 2.4 84°.50 0°.3/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.21	+15 52.0	2.309	3.137	12.0	18.7
10 8	2 49.34	+15 25.5	2.243	3.150	9.0	18.6
10 18	2 42.79	+14 51.1	2.202	3.164	5.6	18.4
10 28	2 35.16	+14 11.4	2.188	3.177	1.9	18.1
11 7	2 27.27	+13 30.1	2.203	3.190	1.8	18.2
11 17	2 19.90	+12 51.2	2.248	3.204	5.4	18.4
11 27	2 13.79	+12 18.7	2.321	3.217	8.7	18.7
12 7	2 9.44	+11 55.6	2.419	3.230	11.5	18.9

451615 2012 DX_{84} 11 2.4 317°.60 1°.3/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.14	+19 23.7	1.959	2.785	13.9	21.1
10 8	2 50.63	+19 24.7	1.872	2.776	10.8	20.9
10 18	2 43.92	+19 14.6	1.808	2.766	7.0	20.6
10 28	2 35.66	+18 54.4	1.770	2.757	3.0	20.4
11 7	2 26.80	+18 26.7	1.760	2.748	2.1	20.3
11 17	2 18.38	+17 55.6	1.779	2.739	6.0	20.5
11 27	2 11.41	+17 26.3	1.824	2.731	10.0	20.7
12 7	2 6.60	+17 3.4	1.893	2.723	13.4	20.9

196322 2003 FY_{41} 11 2.4 186°.12 0°.7/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.77	+15 23.6	1.929	2.761	13.9	20.8
10 8	2 52.44	+14 47.9	1.852	2.761	10.5	20.6
10 18	2 44.94	+14 2.2	1.798	2.761	6.5	20.4
10 28	2 35.99	+13 9.8	1.770	2.760	2.3	20.1
11 7	2 26.56	+12 15.4	1.772	2.759	2.4	20.1
11 17	2 17.71	+11 24.7	1.803	2.757	6.7	20.4
11 27	2 10.39	+10 43.1	1.861	2.754	10.6	20.6
12 7	2 5.26	+10 14.5	1.943	2.752	14.0	20.8

516736 2009 FG_{75} 11 2.4 269°.40 2°.7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.77	+20 52.9	1.952	2.762	14.6	21.3
10 8	2 55.78	+21 33.3	1.863	2.754	11.5	21.1
10 18	2 47.26	+22 4.0	1.796	2.746	7.8	20.8
10 28	2 36.90	+22 23.7	1.756	2.738	4.1	20.6
11 7	2 25.74	+22 32.3	1.745	2.729	3.0	20.5
11 17	2 15.00	+22 32.1	1.763	2.721	6.4	20.7
11 27	2 5.85	+22 27.3	1.809	2.713	10.2	20.9
12 7	1 59.14	+22 23.0	1.879	2.705	13.7	21.1

202208 2004 XB_{103} 11 2.4 346°.71 9°.7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.74	− 5 45.2	1.133	2.002	19.1	18.5
10 8	2 54.46	− 5 57.3	1.069	1.988	15.5	18.3
10 18	2 46.84	− 5 54.1	1.024	1.975	12.0	18.1
10 28	2 36.80	− 5 26.7	1.000	1.964	9.8	17.9
11 7	2 25.87	− 4 29.4	0.999	1.955	10.7	17.9
11 17	2 15.74	− 3 1.7	1.021	1.947	14.0	18.1
11 27	2 7.97	− 1 7.5	1.064	1.941	18.0	18.3
12 7	2 3.52	+ 1 6.3	1.126	1.938	21.8	18.5

356138 2009 FX_{63} 11 2.4 306°.10 2°.8/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.29	+11 35.8	1.628	2.484	14.9	20.6
10 8	2 49.62	+10 38.0	1.538	2.461	11.3	20.3
10 18	2 43.49	+ 9 29.7	1.470	2.438	7.1	20.0
10 28	2 35.58	+ 8 16.3	1.428	2.416	3.3	19.7
11 7	2 26.90	+ 7 5.0	1.412	2.393	4.4	19.7
11 17	2 18.65	+ 6 3.7	1.424	2.371	8.8	19.9
11 27	2 11.98	+ 5 19.0	1.460	2.350	13.2	20.1
12 7	2 7.73	+ 4 55.0	1.518	2.328	17.1	20.3

58301 1994 PB_{8} 11 2.4 185°.29 2°.8/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.16	+22 45.7	1.535	2.355	17.4	19.4
10 8	2 56.50	+22 50.4	1.459	2.355	13.7	19.2
10 18	2 47.85	+22 38.2	1.403	2.355	9.3	18.9
10 28	2 37.12	+22 8.9	1.372	2.355	4.7	18.6
11 7	2 25.64	+21 25.3	1.368	2.354	3.2	18.6
11 17	2 14.90	+20 33.4	1.391	2.352	7.3	18.8
11 27	2 6.26	+19 41.5	1.440	2.350	11.9	19.1
12 7	2 0.59	+18 57.3	1.512	2.348	15.9	19.3

346661 2008 YW_{13} 11 2.4 274°.13 0°.3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.15	+18 12.8	1.786	2.618	14.8	21.3
10 8	2 51.61	+17 47.0	1.696	2.604	11.4	21.0
10 18	2 44.64	+17 8.1	1.629	2.590	7.3	20.8
10 28	2 35.96	+16 18.2	1.587	2.576	2.7	20.4
11 7	2 26.60	+15 21.9	1.573	2.561	2.1	20.4
11 17	2 17.71	+14 25.2	1.588	2.547	6.8	20.6
11 27	2 10.40	+13 34.8	1.629	2.532	11.2	20.9
12 7	2 5.46	+12 56.4	1.693	2.518	15.0	21.1

395171 2010 DW_{55} 11 2.4 136°.57 7°.8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.43	− 6 26.7	2.006	2.843	13.2	21.0
10 8	2 51.90	− 7 29.1	1.953	2.849	10.7	20.8
10 18	2 44.45	− 8 23.1	1.924	2.856	8.6	20.7
10 28	2 35.79	− 9 1.9	1.921	2.862	7.8	20.7
11 7	2 26.83	− 9 20.5	1.945	2.868	8.8	20.7
11 17	2 18.51	− 9 16.3	1.995	2.874	10.9	20.9
11 27	2 11.64	− 8 49.2	2.069	2.879	13.3	21.0
12 7	2 6.78	− 8 1.8	2.164	2.884	15.5	21.2

297040 2010 GN_{158} 11 2.4 83°.26 6°.6/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.49	+ 0 39.8	1.761	2.617	13.9	20.4
10 8	2 49.95	− 0 50.5	1.707	2.623	10.8	20.2
10 18	2 43.35	− 2 18.8	1.676	2.629	8.0	20.1
10 28	2 35.42	− 3 37.0	1.672	2.635	6.6	20.0
11 7	2 27.16	− 4 37.6	1.694	2.641	7.9	20.1
11 17	2 19.54	− 5 15.4	1.743	2.647	10.7	20.3
11 27	2 13.47	− 5 28.4	1.815	2.653	13.6	20.5
12 7	2 9.53	− 5 17.5	1.908	2.659	16.3	20.7

405482 2004 XT_{2} 11 2.4 333°.75 0°.5/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.79	+14 46.8	1.647	2.498	15.0	20.6
10 8	2 49.26	+14 37.3	1.560	2.479	11.4	20.3
10 18	2 43.28	+14 18.6	1.494	2.461	7.2	20.1
10 28	2 35.52	+13 53.1	1.453	2.443	2.6	19.7
11 7	2 27.00	+13 24.9	1.439	2.427	2.5	19.7
11 17	2 18.92	+12 58.9	1.452	2.411	7.3	20.0
11 27	2 12.42	+12 40.6	1.489	2.397	11.8	20.2
12 7	2 8.33	+12 33.8	1.549	2.383	15.7	20.4

91034 1998 EH_{21} 11 2.4 26°.88 18°.5/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.70	−12 22.5	0.898	1.779	21.7	18.6
10 8	2 50.85	−16 27.7	0.876	1.782	19.4	18.4
10 18	2 44.51	−20 6.5	0.874	1.786	18.5	18.4
10 28	2 35.91	−22 54.9	0.891	1.790	19.3	18.5
11 7	2 26.80	−24 38.1	0.926	1.794	21.4	18.6
11 17	2 18.92	−25 13.3	0.976	1.799	23.9	18.8
11 27	2 13.67	−24 46.9	1.040	1.804	26.3	19.1
12 7	2 11.75	−23 31.4	1.113	1.810	28.4	19.3

16495 1990 SR_{8} 11 2.4 318°.52 2°.8/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.85	+10 12.1	1.266	2.129	17.9	18.5
10 8	2 54.31	+ 9 49.3	1.197	2.123	13.5	18.2
10 18	2 46.64	+ 9 20.0	1.148	2.116	8.6	17.9
10 28	2 36.73	+ 8 48.9	1.122	2.110	3.7	17.6
11 7	2 26.01	+ 8 22.4	1.121	2.105	4.5	17.7
11 17	2 16.04	+ 8 6.4	1.146	2.099	9.7	17.9
11 27	2 8.27	+ 8 6.0	1.194	2.094	14.7	18.2
12 7	2 3.60	+ 8 23.3	1.262	2.090	18.9	18.5

38680 2000 QM_2 11 2.4 18°.64 3°.6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.75	+20 20.6	0.969	1.833	22.0	16.9
10 8	2 54.99	+21 9.6	0.918	1.839	17.2	16.6
10 18	2 47.37	+21 41.6	0.884	1.846	11.6	16.4
10 28	2 37.03	+21 54.7	0.870	1.855	5.8	16.1
11 7	2 25.83	+21 50.4	0.879	1.866	4.2	16.0
11 17	2 15.80	+21 34.5	0.911	1.878	9.1	16.4
11 27	2 8.69	+21 15.9	0.965	1.891	14.5	16.7
12 7	2 5.41	+21 3.0	1.038	1.905	19.1	17.1

175393 2006 MM_{14} 11 2.4 40°.33 9°.9/10.3 18

9 28	3 1.14	+39 27.0	1.518	2.271	20.5	18.7
10 8	2 56.09	+40 26.4	1.465	2.292	17.6	18.6
10 18	2 47.71	+40 56.7	1.429	2.313	14.5	18.4
10 28	2 37.07	+40 52.6	1.413	2.335	11.7	18.3
11 7	2 25.82	+40 14.0	1.420	2.358	10.0	18.3
11 17	2 15.68	+39 6.1	1.451	2.381	10.4	18.4
11 27	2 8.11	+37 39.5	1.506	2.404	12.3	18.5
12 7	2 3.87	+36 6.8	1.584	2.428	14.9	18.8

392063 2009 BR_{189} 11 2.4 356°.55 8°.1/28.4 18

9 28	2 50.68	+ 1 45.6	1.163	2.047	17.5	18.8
10 8	2 48.09	+ 0 18.6	1.109	2.042	13.6	18.6
10 18	2 42.66	− 1 7.5	1.075	2.038	9.9	18.3
10 28	2 35.29	− 2 21.5	1.063	2.035	8.1	18.2
11 7	2 27.32	− 3 12.8	1.075	2.034	9.7	18.3
11 17	2 20.15	− 3 34.5	1.108	2.034	13.3	18.5
11 27	2 15.03	− 3 24.2	1.163	2.035	17.2	18.8
12 7	2 12.71	− 2 44.4	1.235	2.038	20.7	19.0

84541 2002 UH_{26} 11 2.4 270°.43 4°.6/30.7 18

9 28	2 58.56	+ 5 48.4	1.515	2.371	15.8	19.7
10 8	2 53.57	+ 5 7.0	1.444	2.365	12.0	19.5
10 18	2 45.92	+ 4 23.4	1.395	2.359	7.9	19.2
10 28	2 36.45	+ 3 43.6	1.371	2.353	4.8	19.1
11 7	2 26.33	+ 3 14.1	1.373	2.347	5.9	19.1
11 17	2 16.86	+ 3 0.3	1.402	2.341	9.9	19.3
11 27	2 9.25	+ 3 5.3	1.456	2.335	14.0	19.6
12 7	2 4.27	+ 3 29.7	1.530	2.329	17.6	19.8

138507 2000 KA_{68} 11 2.4 195°.17 1°.7/ 1.1 18

9 28	2 55.59	+12 6.9	2.066	2.904	12.9	20.2
10 8	2 50.67	+11 31.9	1.990	2.903	9.7	20.0
10 18	2 43.80	+10 50.3	1.937	2.902	6.0	19.8
10 28	2 35.63	+10 5.8	1.912	2.901	2.4	19.6
11 7	2 27.03	+ 9 22.7	1.916	2.900	3.0	19.6
11 17	2 18.94	+ 8 45.8	1.949	2.898	6.7	19.9
11 27	2 12.21	+ 8 19.3	2.009	2.896	10.3	20.1
12 7	2 7.46	+ 8 5.7	2.092	2.894	13.4	20.3

181210 2005 SR_{184} 11 2.4 69°.37 3°.1/ 4.6 18

9 28	2 58.60	+23 53.5	2.033	2.836	14.3	20.5
10 8	2 53.17	+24 17.1	1.956	2.841	11.3	20.3
10 18	2 45.48	+24 27.9	1.901	2.845	7.9	20.1
10 28	2 36.26	+24 25.0	1.873	2.850	4.5	19.9
11 7	2 26.50	+24 9.7	1.872	2.854	3.3	19.9
11 17	2 17.27	+23 45.3	1.901	2.859	6.0	20.0
11 27	2 9.60	+23 17.1	1.957	2.864	9.4	20.3
12 7	2 4.18	+22 50.4	2.037	2.868	12.6	20.5

300737 2007 VY_{148} 11 2.4 140°.58 1°.4/ 3.5 18

9 28	2 58.00	+20 32.0	1.993	2.810	14.1	21.9
10 8	2 52.60	+20 19.8	1.919	2.816	10.8	21.7
10 18	2 45.06	+19 55.2	1.867	2.822	7.1	21.5
10 28	2 36.08	+19 19.4	1.842	2.828	3.1	21.3
11 7	2 26.67	+18 35.9	1.846	2.834	2.0	21.2
11 17	2 17.87	+17 49.6	1.879	2.839	5.9	21.5
11 27	2 10.61	+17 6.0	1.940	2.844	9.6	21.7
12 7	2 5.53	+16 30.2	2.025	2.849	12.9	22.0

243395 2008 YS_{168} 11 2.4 193°.33 1°.8/ 1.1 18

9 28	2 57.16	+11 32.3	2.058	2.894	13.0	21.4
10 8	2 51.87	+11 2.4	1.981	2.893	9.8	21.2
10 18	2 44.57	+10 26.7	1.927	2.892	6.1	21.0
10 28	2 35.92	+ 9 48.4	1.901	2.890	2.5	20.8
11 7	2 26.81	+ 9 11.8	1.904	2.888	3.0	20.8
11 17	2 18.22	+ 8 41.4	1.937	2.885	6.8	21.0
11 27	2 11.02	+ 8 21.0	1.996	2.882	10.4	21.3
12 7	2 5.85	+ 8 13.3	2.079	2.879	13.5	21.5

241008 2006 MQ_5 11 2.4 121°.51 3°.7/30.6 18

9 28	2 57.92	+ 5 18.8	2.117	2.956	12.6	20.9
10 8	2 52.17	+ 4 37.9	2.059	2.971	9.5	20.8
10 18	2 44.59	+ 3 56.3	2.026	2.986	6.2	20.6
10 28	2 35.87	+ 3 18.7	2.020	3.000	3.9	20.5
11 7	2 26.90	+ 2 49.4	2.043	3.013	4.7	20.6
11 17	2 18.54	+ 2 31.9	2.096	3.026	7.6	20.8
11 27	2 11.59	+ 2 28.5	2.175	3.039	10.7	21.0
12 7	2 6.57	+ 2 39.7	2.278	3.051	13.3	21.2

461257 2015 XM_{10} 11 2.4 350°.57 6°.3/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 53.56	− 1 5.8	1.953	2.804	13.0	21.2
10 8	2 49.17	− 2 3.1	1.890	2.802	10.2	21.0
10 18	2 42.87	− 2 56.7	1.850	2.800	7.6	20.8
10 28	2 35.31	− 3 40.1	1.836	2.798	6.3	20.7
11 7	2 27.36	− 4 8.0	1.849	2.797	7.3	20.8
11 17	2 19.93	− 4 16.8	1.889	2.796	9.8	21.0
11 27	2 13.87	− 4 4.8	1.953	2.795	12.7	21.1
12 7	2 9.76	− 3 33.3	2.038	2.794	15.2	21.3

137442 1999 TJ_{239} 11 2.4 268°.13 2°.7/ 1.0 18

9 28	3 0.78	+ 9 16.6	1.515	2.364	16.1	18.6
10 8	2 55.43	+ 9 3.1	1.434	2.353	12.3	18.4
10 18	2 47.23	+ 8 45.2	1.376	2.342	7.8	18.1
10 28	2 36.98	+ 8 26.9	1.342	2.330	3.5	17.8
11 7	2 25.90	+ 8 12.9	1.336	2.319	4.2	17.8
11 17	2 15.39	+ 8 7.7	1.357	2.307	8.9	18.1
11 27	2 6.77	+ 8 15.3	1.402	2.295	13.5	18.3
12 7	2 0.94	+ 8 37.6	1.470	2.283	17.4	18.5

210386 2007 VW_{118} 11 2.4 54°.75 2°.5/31.7 18

9 28	2 56.14	+10 35.9	1.684	2.534	14.7	20.7
10 8	2 51.37	+ 9 58.7	1.623	2.543	11.0	20.5
10 18	2 44.33	+ 9 15.7	1.585	2.552	6.9	20.2
10 28	2 35.84	+ 8 31.6	1.573	2.561	3.0	20.0
11 7	2 26.95	+ 7 51.8	1.588	2.570	3.8	20.1
11 17	2 18.76	+ 7 21.4	1.631	2.579	7.8	20.4
11 27	2 12.25	+ 7 4.6	1.699	2.589	11.7	20.6
12 7	2 8.04	+ 7 3.2	1.790	2.598	15.0	20.9

521640 2015 QV_{16} 11 2.4 45°.19 0°.3/ 2.2 18

9 28	2 55.15	+16 37.9	1.717	2.558	14.9	20.8
10 8	2 50.66	+16 6.0	1.652	2.566	11.3	20.6
10 18	2 43.92	+15 22.7	1.610	2.574	7.1	20.4
10 28	2 35.70	+14 31.6	1.593	2.582	2.5	20.1
11 7	2 27.07	+13 37.8	1.603	2.591	2.3	20.1
11 17	2 19.13	+12 47.4	1.642	2.600	6.8	20.5
11 27	2 12.84	+12 6.0	1.707	2.609	10.8	20.7
12 7	2 8.85	+11 37.9	1.794	2.618	14.3	21.0

397235 2006 KR_{99} 11 2.4 99°.19 19°.9/27.1 16

9 28	3 11.75	−26 42.6	1.140	1.937	23.6	20.3
10 8	3 3.89	−28 2.7	1.113	1.945	21.7	20.2
10 18	2 52.36	−28 44.4	1.101	1.952	20.4	20.2
10 28	2 38.65	−28 34.3	1.107	1.960	19.9	20.2
11 7	2 24.74	−27 27.1	1.131	1.967	20.5	20.3
11 17	2 12.54	−25 26.4	1.173	1.974	21.9	20.4
11 27	2 3.45	−22 42.8	1.232	1.981	23.7	20.6
12 7	1 58.09	−19 30.3	1.307	1.988	25.5	20.7

383502 2007 CY_1 11 2.4 190°.91 3°.0/ 4.6 18

9 28	3 0.05	+24 35.6	1.849	2.654	15.5	21.7
10 8	2 54.51	+24 36.4	1.767	2.653	12.2	21.5
10 18	2 46.46	+24 21.1	1.706	2.652	8.5	21.3
10 28	2 36.67	+23 49.3	1.671	2.650	4.6	21.0
11 7	2 26.26	+23 3.6	1.664	2.648	3.2	20.9
11 17	2 16.45	+22 9.1	1.686	2.646	6.4	21.1
11 27	2 8.38	+21 12.8	1.735	2.643	10.3	21.4
12 7	2 2.81	+20 21.9	1.808	2.639	13.9	21.6

106856 2000 YF_{22} 11 2.4 214°.87 0°.1/ 2.5 18

9 28	3 0.52	+16 58.2	1.762	2.590	15.2	20.9
10 8	2 54.90	+16 42.1	1.678	2.584	11.6	20.7
10 18	2 46.73	+16 14.9	1.616	2.578	7.4	20.4
10 28	2 36.78	+15 38.2	1.581	2.570	2.7	20.1
11 7	2 26.15	+14 56.2	1.574	2.562	2.2	20.1
11 17	2 16.09	+14 14.3	1.596	2.554	7.0	20.4
11 27	2 7.73	+13 38.6	1.645	2.545	11.3	20.6
12 7	2 1.88	+13 13.8	1.717	2.535	15.1	20.8

269412 2009 RM_{69} 11 2.4 21°.74 1°.5/ 3.3 18

9 28	2 54.24	+20 27.6	1.070	1.933	20.4	19.8
10 8	2 51.12	+20 9.1	1.019	1.941	15.7	19.5
10 18	2 44.69	+19 30.3	0.985	1.951	10.2	19.3
10 28	2 36.06	+18 34.3	0.973	1.962	4.2	19.0
11 7	2 26.84	+17 28.4	0.985	1.974	2.7	18.9
11 17	2 18.71	+16 22.3	1.021	1.987	8.4	19.3
11 27	2 13.06	+15 26.1	1.079	2.001	13.7	19.7
12 7	2 10.65	+14 46.7	1.157	2.017	18.1	20.0

357689 2005 NZ_{25} 11 2.4 34°.54 4°.9/30.2 16

9 28	2 54.40	+ 6 33.3	1.351	2.221	16.5	20.2
10 8	2 50.20	+ 5 23.6	1.317	2.246	12.3	20.0
10 18	2 43.59	+ 4 12.5	1.305	2.271	8.0	19.8
10 28	2 35.55	+ 3 8.1	1.316	2.298	5.1	19.7
11 7	2 27.32	+ 2 17.9	1.354	2.325	6.3	19.9
11 17	2 20.07	+ 1 47.3	1.416	2.353	9.9	20.2
11 27	2 14.77	+ 1 38.8	1.503	2.382	13.6	20.5
12 7	2 11.93	+ 1 51.4	1.609	2.411	16.7	20.7

407965 2012 DH_{24} 11 2.4 143°.17 5°.0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.86	+31 13.6	2.454	3.215	13.3	21.3
10 8	2 53.19	+31 46.0	2.371	3.219	11.0	21.1
10 18	2 45.45	+32 3.4	2.310	3.222	8.4	20.9
10 28	2 36.29	+32 3.8	2.274	3.226	6.0	20.8
11 7	2 26.60	+31 47.5	2.267	3.230	5.0	20.7
11 17	2 17.36	+31 17.0	2.288	3.233	6.1	20.8
11 27	2 9.51	+30 37.2	2.338	3.236	8.5	21.0
12 7	2 3.70	+29 54.0	2.413	3.239	11.0	21.2

452694 2005 YA_{29} 11 2.4 28°.83 25°.0/30.3 17

9 28	3 11.66	−31 39.3	0.860	1.667	28.7	19.9
10 8	3 4.56	−32 51.1	0.841	1.673	27.0	19.9
10 18	2 53.01	−33 10.7	0.834	1.680	25.7	19.8
10 28	2 38.89	−32 22.9	0.839	1.688	25.1	19.8
11 7	2 24.70	−30 23.0	0.858	1.697	25.3	19.9
11 17	2 12.72	−27 18.7	0.893	1.707	26.3	20.0
11 27	2 4.49	−23 26.1	0.943	1.717	27.8	20.2
12 7	2 0.55	−19 4.8	1.007	1.729	29.4	20.4

365293 2009 RD_{33} 11 2.4 51°.42 1°.0/ 3.2 18

9 28	2 56.22	+18 46.3	1.996	2.821	13.8	20.8
10 8	2 51.21	+18 45.6	1.931	2.833	10.5	20.7
10 18	2 44.17	+18 34.5	1.889	2.847	6.8	20.5
10 28	2 35.81	+18 14.6	1.873	2.860	2.8	20.2
11 7	2 27.08	+17 48.8	1.886	2.874	1.9	20.2
11 17	2 18.96	+17 20.9	1.927	2.888	5.7	20.5
11 27	2 12.33	+16 55.7	1.996	2.902	9.3	20.7
12 7	2 7.80	+16 37.2	2.089	2.916	12.5	21.0

138508 2000 KO_{69} 11 2.4 256°.20 16°.2/19.2 17

9 28	2 56.44	−12 27.5	1.147	2.008	19.4	19.1
10 8	2 52.60	−15 57.2	1.108	2.002	17.2	18.9
10 18	2 45.59	−19 9.7	1.091	1.996	16.2	18.9
10 28	2 36.42	−21 45.1	1.095	1.990	16.8	18.9
11 7	2 26.58	−23 28.7	1.120	1.983	18.8	19.0
11 17	2 17.66	−24 14.8	1.163	1.977	21.3	19.1
11 27	2 11.04	−24 5.9	1.220	1.970	23.9	19.3
12 7	2 7.52	−23 11.0	1.289	1.963	26.1	19.5

36713 2000 RV_{33} 11 2.4 87°.80 4°.2/ 5.7 18 R

9 28	2 59.30	+27 49.8	2.103	2.888	14.5	19.0
10 8	2 53.65	+28 14.6	2.031	2.900	11.7	18.9
10 18	2 45.77	+28 23.9	1.981	2.912	8.5	18.7
10 28	2 36.41	+28 16.5	1.957	2.924	5.5	18.5
11 7	2 26.58	+27 53.6	1.961	2.936	4.3	18.5
11 17	2 17.36	+27 18.7	1.994	2.948	6.1	18.6
11 27	2 9.73	+26 37.5	2.054	2.960	9.1	18.8
12 7	2 4.35	+25 56.2	2.140	2.972	12.0	19.0

205430 2001 JC_{3} 11 2.4 215°.08 3°.3/30.5 18

9 28	2 55.99	+ 6 52.9	2.319	3.157	11.7	21.0
10 8	2 50.82	+ 6 0.8	2.237	3.150	8.8	20.8
10 18	2 43.87	+ 5 5.6	2.180	3.141	5.7	20.6
10 28	2 35.72	+ 4 11.7	2.151	3.132	3.5	20.5
11 7	2 27.16	+ 3 23.9	2.152	3.123	4.4	20.5
11 17	2 19.00	+ 2 46.7	2.182	3.113	7.3	20.7
11 27	2 12.04	+ 2 23.5	2.239	3.102	10.4	20.9
12 7	2 6.84	+ 2 15.7	2.320	3.091	13.2	21.0

236316 2006 BO_{38} 11 2.4 143°.12 0°.8/ 1.8 18

9 28	2 57.88	+14 52.5	1.924	2.757	13.9	21.5
10 8	2 52.51	+14 21.8	1.854	2.764	10.5	21.3
10 18	2 45.02	+13 42.1	1.807	2.770	6.5	21.1
10 28	2 36.13	+12 56.7	1.787	2.776	2.3	20.8
11 7	2 26.84	+12 10.2	1.795	2.782	2.4	20.9
11 17	2 18.17	+11 27.5	1.833	2.787	6.6	21.1
11 27	2 11.04	+10 53.7	1.898	2.792	10.4	21.4
12 7	2 6.09	+10 32.2	1.987	2.797	13.7	21.6

36824 2000 SQ_{86} 11 2.4 322°.98 2°.7/31.8 18

9 28	2 55.43	+ 8 51.0	1.725	2.578	14.4	18.7
10 8	2 51.10	+ 8 35.5	1.641	2.562	10.9	18.4
10 18	2 44.40	+ 8 16.3	1.580	2.546	6.9	18.1
10 28	2 36.00	+ 7 57.3	1.543	2.531	3.2	17.9
11 7	2 26.90	+ 7 42.8	1.535	2.516	4.0	17.9
11 17	2 18.25	+ 7 36.9	1.553	2.502	8.0	18.1
11 27	2 11.14	+ 7 43.2	1.597	2.489	12.1	18.3
12 7	2 6.34	+ 8 3.4	1.662	2.476	15.8	18.5

408552 2013 KH_{8} 11 2.4 138°.58 8°.6/24.5 18

9 28	2 55.02	−15 46.8	2.670	3.475	11.2	21.0
10 8	2 49.73	−16 55.6	2.630	3.485	9.8	20.9
10 18	2 42.98	−17 52.0	2.613	3.494	8.8	20.9
10 28	2 35.36	−18 30.4	2.622	3.503	8.7	20.9
11 7	2 27.53	−18 47.4	2.656	3.511	9.4	21.0
11 17	2 20.20	−18 41.3	2.716	3.519	10.7	21.1
11 27	2 13.98	−18 13.0	2.798	3.527	12.1	21.2
12 7	2 9.33	−17 24.9	2.899	3.534	13.5	21.3

442258 2011 PH_{8} 11 2.4 82°.51 6°.4/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.84	+ 1 28.8	1.747	2.603	14.0	20.9
10 8	2 50.25	− 0 2.3	1.696	2.612	10.8	20.7
10 18	2 43.58	− 1 32.1	1.667	2.622	7.8	20.6
10 28	2 35.61	− 2 52.1	1.666	2.631	6.4	20.5
11 7	2 27.32	− 3 55.0	1.691	2.640	7.7	20.6
11 17	2 19.72	− 4 35.6	1.742	2.650	10.5	20.8
11 27	2 13.68	− 4 51.5	1.818	2.659	13.5	21.0
12 7	2 9.77	− 4 43.9	1.914	2.668	16.1	21.2

267673 2002 TA_{310} 11 2.4 296°.50 5°.6/29.8 18

9 28	2 56.40	+ 5 2.5	1.442	2.305	16.1	20.6
10 8	2 52.05	+ 3 53.2	1.374	2.299	12.3	20.3
10 18	2 45.05	+ 2 40.7	1.329	2.292	8.3	20.1
10 28	2 36.22	+ 1 33.2	1.308	2.286	5.7	19.9
11 7	2 26.77	+ 0 39.1	1.312	2.280	7.1	20.0
11 17	2 18.00	+ 0 5.3	1.343	2.274	10.9	20.2
11 27	2 11.09	− 0 4.2	1.396	2.268	14.9	20.4
12 7	2 6.82	+ 0 10.5	1.470	2.263	18.5	20.7

517374 2014 KD_{53} 11 2.4 30°.98 4°.1/30.6 18

9 28	2 55.90	+ 5 33.1	1.805	2.657	13.9	20.9
10 8	2 51.10	+ 4 51.9	1.740	2.659	10.5	20.7
10 18	2 44.18	+ 4 9.3	1.698	2.661	6.9	20.5
10 28	2 35.85	+ 3 30.8	1.683	2.663	4.3	20.3
11 7	2 27.11	+ 3 1.5	1.694	2.666	5.3	20.4
11 17	2 18.96	+ 2 45.7	1.734	2.669	8.6	20.6
11 27	2 12.34	+ 2 46.1	1.798	2.671	12.0	20.8
12 7	2 7.89	+ 3 3.2	1.885	2.674	15.1	21.0

73199 Orlece 11 2.4 198°.43 2°.6/31.7 18

9 28	2 58.80	+ 8 37.0	2.001	2.839	13.2	19.5
10 8	2 53.18	+ 8 13.0	1.924	2.837	10.0	19.3
10 18	2 45.46	+ 7 45.6	1.872	2.835	6.3	19.1
10 28	2 36.32	+ 7 18.5	1.846	2.832	3.0	18.9
11 7	2 26.70	+ 6 55.8	1.849	2.829	3.8	18.9
11 17	2 17.59	+ 6 41.3	1.882	2.825	7.3	19.2
11 27	2 9.94	+ 6 38.2	1.941	2.821	10.9	19.4
12 7	2 4.39	+ 6 48.1	2.024	2.817	14.1	19.6

252733 2002 CB_{278} 11 2.4 305°.08 1°.3/ 1.4 18

9 28	2 53.85	+13 41.5	1.970	2.811	13.3	20.9
10 8	2 49.58	+13 6.4	1.888	2.803	10.0	20.7
10 18	2 43.27	+12 22.9	1.829	2.794	6.2	20.4
10 28	2 35.56	+11 34.4	1.796	2.786	2.3	20.2
11 7	2 27.34	+10 45.7	1.792	2.778	2.7	20.2
11 17	2 19.58	+10 2.0	1.817	2.770	6.7	20.4
11 27	2 13.19	+ 9 28.2	1.868	2.762	10.5	20.6
12 7	2 8.83	+ 9 7.6	1.942	2.754	13.9	20.8

120409 2178 $P\text{–}L$ 11 2.4 69°.23 3°.6/ 4.6 18

9 28	3 3.56	+24 12.7	1.440	2.257	18.5	20.2
10 8	2 57.39	+24 31.4	1.390	2.283	14.5	20.0
10 18	2 48.28	+24 31.7	1.360	2.308	9.9	19.8
10 28	2 37.31	+24 13.0	1.354	2.333	5.4	19.6
11 7	2 25.97	+23 38.5	1.375	2.358	3.8	19.6
11 17	2 15.73	+22 54.4	1.422	2.383	7.3	19.9
11 27	2 7.84	+22 8.8	1.496	2.408	11.4	20.2
12 7	2 2.96	+21 29.2	1.592	2.433	15.0	20.5

218451 2004 RZ_{220} 11 2.4 0°.02 7°.9/ 8.8 17

9 28	2 56.80	+38 48.0	1.030	1.830	25.4	19.2
10 8	2 53.90	+37 55.2	0.959	1.829	21.4	19.0
10 18	2 46.84	+36 11.7	0.903	1.828	16.6	18.7
10 28	2 36.94	+33 33.3	0.866	1.828	11.4	18.4
11 7	2 26.28	+30 7.3	0.852	1.828	8.0	18.2
11 17	2 17.04	+26 13.7	0.863	1.829	9.8	18.3
11 27	2 10.93	+22 20.7	0.899	1.830	14.7	18.6
12 7	2 8.74	+18 52.6	0.957	1.831	19.8	18.9

199081 2005 XP_{79} 11 2.4 198°.41 1°.4/ 3.8 17

9 28	2 54.54	+21 17.1	2.702	3.506	11.1	21.2
10 8	2 49.60	+21 6.3	2.614	3.504	8.6	21.0
10 18	2 43.06	+20 45.6	2.551	3.502	5.7	20.8
10 28	2 35.44	+20 15.9	2.515	3.499	2.7	20.6
11 7	2 27.46	+19 39.6	2.509	3.496	1.7	20.5
11 17	2 19.83	+18 59.9	2.533	3.492	4.6	20.7
11 27	2 13.29	+18 21.0	2.587	3.489	7.6	20.9
12 7	2 8.35	+17 46.7	2.666	3.485	10.3	21.1

75813 2000 BK_{3} 11 2.4 187°.90 6°.1/ 6.6 18

9 28	3 1.23	+31 12.8	1.932	2.705	16.0	18.6
10 8	2 55.60	+31 58.8	1.850	2.705	13.3	18.4
10 18	2 47.30	+32 27.1	1.788	2.704	10.2	18.2
10 28	2 37.07	+32 34.3	1.751	2.704	7.4	18.0
11 7	2 26.07	+32 19.9	1.741	2.704	6.1	17.9
11 17	2 15.62	+31 46.8	1.758	2.704	7.5	18.0
11 27	2 6.96	+31 1.4	1.801	2.704	10.4	18.2
12 7	2 0.93	+30 11.9	1.869	2.703	13.4	18.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
127252 2002 JM_{39}		11 2.4 142°.24 5°.5/30.2 18				
	h m	° ′			°	m
9 28	3 0.73	+ 0 7.6	1.888	2.728	13.8	19.4
10 8	2 54.60	− 0 19.1	1.824	2.733	10.7	19.2
10 18	2 46.31	− 0 41.6	1.785	2.737	7.6	19.0
10 28	2 36.61	− 0 54.8	1.772	2.742	5.6	18.9
11 7	2 26.53	− 0 54.7	1.787	2.746	6.4	18.9
11 17	2 17.09	− 0 38.6	1.830	2.750	9.2	19.1
11 27	2 9.25	− 0 5.9	1.899	2.754	12.4	19.3
12 7	2 3.62	+ 0 42.2	1.990	2.757	15.2	19.5
287296 2002 TE_{204}		11 2.5 10°.14 6°.7/29.7 18				
9 28	2 51.56	+ 5 46.5	0.994	1.885	19.3	19.5
10 8	2 49.10	+ 4 27.4	0.948	1.887	14.6	19.3
10 18	2 43.45	+ 3 4.9	0.920	1.891	9.8	19.0
10 28	2 35.68	+ 1 50.4	0.914	1.896	6.7	18.9
11 7	2 27.34	+ 0 55.2	0.931	1.903	8.4	19.0
11 17	2 20.01	+ 0 27.1	0.969	1.911	12.7	19.3
11 27	2 15.03	+ 0 29.4	1.028	1.920	17.2	19.6
12 7	2 13.14	+ 1 0.2	1.104	1.931	21.1	19.9
188442 2004 GM_{21}		11 2.5 259°.09 0°.2/ 2.3 18				
9 28	2 55.30	+16 48.3	2.101	2.929	13.0	21.1
10 8	2 50.64	+16 14.8	2.008	2.915	9.9	20.9
10 18	2 43.95	+15 30.5	1.939	2.901	6.3	20.6
10 28	2 35.83	+14 38.1	1.897	2.887	2.2	20.3
11 7	2 27.16	+13 41.7	1.885	2.872	2.0	20.3
11 17	2 18.88	+12 46.6	1.901	2.857	6.2	20.6
11 27	2 11.94	+11 58.6	1.945	2.842	10.0	20.8
12 7	2 6.99	+11 21.9	2.013	2.827	13.4	21.0
19401 1998 ES_{11}		11 2.5 253°.32 0°.3/ 2.3 18				
9 28	2 58.48	+15 21.5	1.777	2.612	14.8	19.3
10 8	2 53.35	+15 10.7	1.694	2.605	11.2	19.0
10 18	2 45.80	+14 50.8	1.634	2.597	7.1	18.8
10 28	2 36.52	+14 23.7	1.600	2.589	2.5	18.5
11 7	2 26.59	+13 53.3	1.594	2.581	2.3	18.4
11 17	2 17.18	+13 24.2	1.616	2.573	6.9	18.7
11 27	2 9.40	+13 1.8	1.664	2.565	11.2	18.9
12 7	2 4.01	+12 49.9	1.736	2.557	14.9	19.2
523249 2017 AH_{22}		11 2.5 193°.38 1°.1/ 1.4 18				
9 28	2 53.65	+13 55.4	2.441	3.271	11.4	21.9
10 8	2 49.00	+13 14.3	2.361	3.270	8.5	21.7
10 18	2 42.71	+12 25.9	2.305	3.269	5.3	21.5
10 28	2 35.34	+11 33.4	2.278	3.267	1.9	21.3
11 7	2 27.62	+10 40.9	2.281	3.265	2.3	21.3
11 17	2 20.33	+ 9 52.7	2.313	3.263	5.7	21.5
11 27	2 14.16	+ 9 13.0	2.374	3.261	8.9	21.7
12 7	2 9.66	+ 8 44.6	2.459	3.259	11.7	21.9
394560 2007 UQ_{139}		11 2.5 103°.73 2°.1/ 1.0 18				
9 28	2 57.46	+10 44.1	1.870	2.712	13.9	20.8
10 8	2 52.24	+10 17.6	1.803	2.718	10.4	20.6
10 18	2 44.88	+ 9 46.0	1.759	2.724	6.5	20.4
10 28	2 36.13	+ 9 12.9	1.743	2.731	2.7	20.2
11 7	2 26.98	+ 8 42.7	1.754	2.737	3.3	20.2
11 17	2 18.44	+ 8 19.8	1.794	2.743	7.2	20.5
11 27	2 11.45	+ 8 7.9	1.861	2.749	10.9	20.7
12 7	2 6.63	+ 8 9.0	1.951	2.755	14.1	21.0
88572 2001 QZ_{247}		11 2.5 55°.27 0°.3/ 2.3 17				
9 28	3 2.11	+16 37.8	1.024	1.887	21.1	19.3
10 8	2 56.79	+16 11.0	0.988	1.912	15.9	19.0
10 18	2 48.05	+15 28.9	0.970	1.938	9.9	18.8
10 28	2 37.25	+14 36.7	0.974	1.964	3.4	18.5
11 7	2 26.19	+13 42.2	1.003	1.991	3.0	18.6
11 17	2 16.60	+12 54.2	1.056	2.018	9.0	19.0
11 27	2 9.81	+12 20.2	1.132	2.044	14.2	19.4
12 7	2 6.43	+12 4.3	1.228	2.071	18.4	19.8
158130 2001 FM_{9}		11 2.5 134°.11 2°.4/31.2 18				
9 28	2 53.61	+ 8 50.8	2.527	3.364	10.8	20.4
10 8	2 48.83	+ 8 9.7	2.458	3.371	8.1	20.3
10 18	2 42.52	+ 7 25.5	2.414	3.377	5.1	20.1
10 28	2 35.26	+ 6 41.6	2.399	3.384	2.6	19.9
11 7	2 27.71	+ 6 2.0	2.413	3.390	3.3	20.0
11 17	2 20.60	+ 5 30.2	2.457	3.396	6.1	20.2
11 27	2 14.59	+ 5 9.1	2.529	3.402	9.0	20.4
12 7	2 10.15	+ 5 0.3	2.625	3.408	11.5	20.6
391165 2006 AB_{25}		11 2.5 14°.45 2°.0/ 3.5 18				
9 28	2 53.57	+20 11.0	1.051	1.917	20.5	20.1
10 8	2 50.76	+20 13.6	0.999	1.923	15.8	19.9
10 18	2 44.60	+19 57.2	0.964	1.930	10.4	19.6
10 28	2 36.14	+19 23.7	0.951	1.939	4.6	19.3
11 7	2 27.01	+18 38.6	0.961	1.949	2.9	19.3
11 17	2 18.92	+17 50.3	0.994	1.961	8.4	19.6
11 27	2 13.32	+17 8.2	1.049	1.975	13.7	20.0
12 7	2 11.01	+16 39.3	1.125	1.990	18.1	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
100198 1994 EA_{1}		11 2.5 339°.63 8°.4/ 6.9 17				
	h m	° ′			°	m
9 28	2 58.72	+33 1.3	1.716	2.494	17.6	18.8
10 8	2 54.39	+34 27.0	1.626	2.478	14.9	18.6
10 18	2 46.98	+35 35.7	1.555	2.462	12.1	18.3
10 28	2 37.12	+36 21.4	1.507	2.448	9.5	18.2
11 7	2 26.04	+36 40.7	1.484	2.435	8.4	18.1
11 17	2 15.27	+36 34.0	1.486	2.423	9.6	18.1
11 27	2 6.40	+36 6.9	1.513	2.412	12.2	18.2
12 7	2 0.54	+35 28.5	1.561	2.402	15.3	18.4
321283 2009 EX_{25}		11 2.5 103°.49 1°.0/ 1.9 17				
9 28	3 2.40	+13 54.2	1.419	2.264	17.3	21.1
10 8	2 56.54	+13 39.7	1.360	2.276	13.0	20.9
10 18	2 47.82	+13 15.9	1.322	2.288	8.1	20.7
10 28	2 37.23	+12 46.1	1.309	2.299	2.9	20.4
11 7	2 26.14	+12 15.3	1.323	2.310	2.9	20.4
11 17	2 15.97	+11 49.0	1.364	2.321	8.0	20.8
11 27	2 7.97	+11 32.8	1.431	2.332	12.6	21.1
12 7	2 2.86	+11 29.9	1.519	2.342	16.5	21.3
377989 2006 QT_{167}		11 2.5 5°.77 0°.9/ 1.9 18				
9 28	2 53.27	+13 49.8	1.243	2.111	17.8	19.7
10 8	2 50.08	+13 43.4	1.183	2.111	13.4	19.5
10 18	2 43.99	+13 27.5	1.143	2.113	8.4	19.2
10 28	2 35.91	+13 5.5	1.126	2.117	3.0	18.9
11 7	2 27.20	+12 42.5	1.134	2.121	3.0	18.9
11 17	2 19.28	+12 24.1	1.166	2.128	8.3	19.3
11 27	2 13.46	+12 16.1	1.222	2.136	13.2	19.6
12 7	2 10.50	+12 21.6	1.298	2.145	17.3	19.8
25748 2000 AP_{243}		11 2.5 352°.34 4°.2/29.9 18				
9 28	2 53.51	+ 3 39.8	2.201	3.048	11.9	17.6
10 8	2 49.00	+ 2 55.0	2.132	3.047	9.0	17.4
10 18	2 42.76	+ 2 10.2	2.087	3.046	6.2	17.2
10 28	2 35.38	+ 1 30.3	2.070	3.046	4.3	17.1
11 7	2 27.65	+ 0 59.8	2.081	3.045	5.2	17.1
11 17	2 20.38	+ 0 42.2	2.120	3.045	7.9	17.3
11 27	2 14.32	+ 0 39.9	2.185	3.045	10.8	17.5
12 7	2 10.03	+ 0 53.3	2.273	3.045	13.4	17.7
164961 2000 AH_{16}		11 2.5 311°.94 2°.3/ 1.1 18				
9 28	2 55.55	+11 9.9	1.568	2.423	15.4	20.0
10 8	2 51.49	+10 43.7	1.482	2.404	11.7	19.8
10 18	2 44.82	+10 10.1	1.418	2.386	7.4	19.5
10 28	2 36.25	+ 9 33.4	1.379	2.368	3.1	19.2
11 7	2 26.88	+ 8 58.8	1.367	2.351	3.8	19.2
11 17	2 17.96	+ 8 32.1	1.381	2.334	8.5	19.4
11 27	2 10.72	+ 8 18.6	1.420	2.317	13.0	19.6
12 7	2 6.04	+ 8 21.2	1.480	2.301	17.0	19.9
507267 2011 DZ_{11}		11 2.5 132°.76 15°.3/ 9.6 17				
9 28	3 15.86	+41 47.6	1.235	1.976	24.9	21.3
10 8	3 9.43	+44 16.7	1.172	1.981	22.1	21.1
10 18	2 57.60	+46 17.9	1.124	1.986	19.2	20.9
10 28	2 41.22	+47 35.9	1.094	1.991	16.7	20.8
11 7	2 22.63	+48 0.2	1.085	1.995	15.4	20.7
11 17	2 5.01	+47 30.6	1.097	1.999	15.8	20.8
11 27	1 51.32	+46 19.5	1.131	2.002	17.7	20.9
12 7	1 43.15	+44 46.2	1.183	2.005	20.3	21.1
494704 2004 YK_{36}		11 2.5 248°.72 9°.8/13.9 18				
9 28	3 3.57	+51 44.7	2.903	3.507	14.4	21.7
10 8	2 57.39	+52 39.0	2.801	3.494	13.2	21.5
10 18	2 48.49	+53 12.5	2.716	3.480	11.9	21.4
10 28	2 37.57	+53 20.4	2.651	3.466	10.8	21.3
11 7	2 25.77	+52 59.9	2.608	3.451	10.0	21.2
11 17	2 14.41	+52 11.4	2.590	3.437	9.8	21.2
11 27	2 4.77	+50 59.3	2.597	3.422	10.4	21.2
12 7	1 57.75	+49 31.1	2.627	3.406	11.6	21.3
478935 2012 XC_{21}		11 2.5 51°.88 0°.0/ 2.3 18				
9 28	2 58.43	+17 35.1	1.382	2.229	17.6	20.6
10 8	2 53.42	+17 6.3	1.337	2.252	13.2	20.4
10 18	2 45.75	+16 24.0	1.312	2.276	8.3	20.2
10 28	2 36.45	+15 32.2	1.311	2.301	3.0	19.9
11 7	2 26.87	+14 37.0	1.337	2.325	2.4	19.9
11 17	2 18.32	+13 45.7	1.390	2.350	7.4	20.3
11 27	2 11.90	+13 4.8	1.468	2.376	11.9	20.6
12 7	2 8.21	+12 38.5	1.567	2.401	15.6	20.9
212439 2006 PN_{15}		11 2.5 57°.91 1°.3/ 3.4 18				
9 28	2 56.76	+20 11.3	1.807	2.633	14.9	20.3
10 8	2 51.95	+20 0.3	1.735	2.638	11.5	20.1
10 18	2 44.83	+19 36.3	1.685	2.642	7.5	19.9
10 28	2 36.17	+19 0.6	1.660	2.647	3.2	19.6
11 7	2 27.02	+18 17.1	1.663	2.651	2.1	19.6
11 17	2 18.49	+17 30.9	1.695	2.656	6.2	19.8
11 27	2 11.61	+16 48.2	1.753	2.661	10.3	20.1
12 7	2 7.05	+16 14.2	1.835	2.666	13.7	20.3

69721 1998 HJ_{125} 11 2.5 149°.40 3°.8/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 56.15	+ 7 11.1	2.069	2.912	12.7	19.6
10 8	2 51.01	+ 5 57.1	2.005	2.920	9.5	19.5
10 18	2 44.01	+ 4 39.5	1.965	2.927	6.2	19.3
10 28	2 35.82	+ 3 24.1	1.954	2.934	3.9	19.2
11 7	2 27.33	+ 2 17.1	1.972	2.940	5.0	19.2
11 17	2 19.41	+ 1 23.9	2.018	2.946	8.0	19.4
11 27	2 12.86	+ 0 48.3	2.092	2.951	11.2	19.6
12 7	2 8.24	+ 0 31.3	2.187	2.956	13.9	19.8

178463 1999 RH_{78} 11 2.5 11°.53 2°.3/ 1.1 18

9 28	2 53.17	+14 34.0	1.083	1.959	19.3	19.1
10 8	2 50.28	+13 32.2	1.028	1.960	14.5	18.8
10 18	2 44.22	+12 15.0	0.991	1.963	9.0	18.6
10 28	2 36.02	+10 49.8	0.977	1.967	3.4	18.3
11 7	2 27.19	+ 9 27.1	0.987	1.972	4.3	18.3
11 17	2 19.33	+ 8 17.6	1.020	1.978	9.9	18.7
11 27	2 13.80	+ 7 29.8	1.076	1.985	15.1	19.0
12 7	2 11.36	+ 7 7.2	1.151	1.993	19.4	19.3

294868 2008 CQ_{200} 11 2.5 334°.62 1°.5/ 3.5 18

9 28	2 57.00	+19 44.9	1.849	2.674	14.7	21.1
10 8	2 52.19	+19 49.0	1.770	2.672	11.3	20.9
10 18	2 45.05	+19 41.5	1.712	2.669	7.5	20.6
10 28	2 36.28	+19 23.0	1.680	2.666	3.3	20.4
11 7	2 26.92	+18 56.3	1.676	2.664	2.2	20.3
11 17	2 18.09	+18 25.5	1.700	2.662	6.2	20.6
11 27	2 10.84	+17 56.2	1.751	2.660	10.2	20.8
12 7	2 5.91	+17 33.4	1.826	2.658	13.8	21.0

288564 2004 HO_{17} 11 2.5 196°.23 0°.7/ 2.9 18

9 28	3 1.42	+17 13.9	1.726	2.554	15.5	20.9
10 8	2 55.65	+17 17.3	1.648	2.553	11.9	20.6
10 18	2 47.28	+17 10.4	1.591	2.551	7.6	20.4
10 28	2 37.10	+16 54.3	1.561	2.549	3.0	20.1
11 7	2 26.26	+16 32.0	1.559	2.547	2.1	20.0
11 17	2 16.01	+16 7.7	1.585	2.544	6.8	20.3
11 27	2 7.54	+15 46.9	1.638	2.541	11.2	20.6
12 7	2 1.65	+15 34.3	1.714	2.538	14.9	20.8

217340 2004 RZ_{174} 11 2.5 353°.20 3°.8/ 5.7 18

9 28	2 54.89	+28 3.0	2.004	2.799	14.8	19.7
10 8	2 50.52	+27 57.9	1.922	2.798	11.9	19.5
10 18	2 43.95	+27 34.9	1.861	2.797	8.6	19.3
10 28	2 35.88	+26 53.9	1.825	2.796	5.3	19.1
11 7	2 27.29	+25 57.3	1.816	2.795	3.9	19.0
11 17	2 19.25	+24 50.3	1.836	2.795	6.1	19.1
11 27	2 12.74	+23 39.9	1.883	2.795	9.4	19.3
12 7	2 8.44	+22 33.4	1.954	2.795	12.6	19.5

339216 2004 TT_{287} 11 2.5 16°.94 1°.8/ 2.4 16

9 28	3 19.93	+ 3 10.9	0.856	1.716	24.5	19.0
10 8	3 11.93	+ 5 14.0	0.797	1.718	19.0	18.7
10 18	2 58.70	+ 7 35.6	0.756	1.722	12.3	18.3
10 28	2 41.46	+10 11.7	0.737	1.726	4.7	17.9
11 7	2 22.65	+12 52.5	0.744	1.732	4.1	17.9
11 17	2 5.24	+15 26.8	0.777	1.738	11.5	18.4
11 27	1 51.78	+17 48.7	0.834	1.746	18.0	18.7
12 7	1 43.56	+19 58.1	0.910	1.754	23.2	19.1

173566 2001 AA_{40} 11 2.5 356°.81 4°.5/31.4 18

9 28	2 58.64	+ 6 42.2	1.175	2.045	18.4	19.6
10 8	2 54.28	+ 6 17.5	1.114	2.043	14.0	19.3
10 18	2 46.73	+ 5 50.8	1.073	2.041	9.1	19.0
10 28	2 36.95	+ 5 28.1	1.054	2.040	4.9	18.8
11 7	2 26.42	+ 5 16.0	1.060	2.039	6.0	18.8
11 17	2 16.75	+ 5 19.7	1.091	2.040	10.7	19.1
11 27	2 9.40	+ 5 42.0	1.143	2.041	15.4	19.4
12 7	2 5.21	+ 6 23.0	1.215	2.042	19.6	19.7

381374 2008 FO_{33} 11 2.5 186°.79 2°.3/31.9 16

9 28	2 58.43	+12 9.8	1.621	2.467	15.4	21.7
10 8	2 53.36	+11 19.0	1.550	2.467	11.6	21.4
10 18	2 45.79	+10 19.1	1.501	2.467	7.3	21.2
10 28	2 36.54	+ 9 15.3	1.478	2.466	3.0	20.9
11 7	2 26.76	+ 8 14.3	1.483	2.465	3.9	21.0
11 17	2 17.65	+ 7 22.8	1.515	2.464	8.3	21.2
11 27	2 10.32	+ 6 46.5	1.574	2.462	12.5	21.5
12 7	2 5.48	+ 6 28.5	1.654	2.460	16.1	21.7

411046 2009 VU_{17} 11 2.5 315°.75 1°.0/ 1.7 16

9 28	2 53.74	+13 41.7	2.006	2.846	13.1	21.4
10 8	2 49.56	+13 20.8	1.918	2.832	9.9	21.2
10 18	2 43.34	+12 52.3	1.853	2.818	6.2	21.0
10 28	2 35.67	+12 19.0	1.815	2.805	2.2	20.7
11 7	2 27.44	+11 44.8	1.805	2.791	2.5	20.7
11 17	2 19.60	+11 14.2	1.823	2.778	6.5	20.9
11 27	2 13.09	+10 51.6	1.868	2.766	10.4	21.1
12 7	2 8.58	+10 40.3	1.937	2.753	13.7	21.3

59495 1999 JB_6 11 2.5 193°.95 1°.4/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.54	+11 29.0	2.257	3.088	12.2	19.4
10 8	2 52.08	+11 15.0	2.177	3.087	9.2	19.2
10 18	2 44.74	+10 56.4	2.122	3.085	5.7	19.0
10 28	2 36.14	+10 35.6	2.094	3.083	2.2	18.8
11 7	2 27.10	+10 15.7	2.097	3.081	2.6	18.8
11 17	2 18.51	+10 0.2	2.128	3.078	6.1	19.1
11 27	2 11.20	+ 9 52.2	2.188	3.076	9.5	19.3
12 7	2 5.76	+ 9 53.9	2.272	3.073	12.5	19.5

129491 1994 TA_{12} 11 2.5 53°.02 1°.4/ 3.2 18

9 28	3 3.27	+17 10.6	1.510	2.343	17.0	18.7
10 8	2 57.05	+17 42.7	1.457	2.364	13.0	18.5
10 18	2 48.08	+18 4.8	1.426	2.385	8.3	18.3
10 28	2 37.34	+18 16.7	1.420	2.407	3.5	18.1
11 7	2 26.17	+18 20.5	1.441	2.429	2.4	18.1
11 17	2 15.94	+18 19.6	1.490	2.451	7.0	18.4
11 27	2 7.85	+18 18.8	1.566	2.474	11.2	18.7
12 7	2 2.58	+18 22.7	1.664	2.496	14.8	19.0

436616 2011 LC_1 11 2.5 70°.69 2°.6/31.5 15

9 28	3 0.50	+12 15.4	1.678	2.519	15.3	21.3
10 8	2 54.25	+10 58.2	1.644	2.559	11.2	21.1
10 18	2 45.91	+ 9 34.4	1.634	2.599	6.9	21.0
10 28	2 36.45	+ 8 10.6	1.651	2.639	3.1	20.8
11 7	2 26.98	+ 6 54.2	1.697	2.677	4.0	21.0
11 17	2 18.52	+ 5 51.4	1.772	2.715	7.8	21.3
11 27	2 11.92	+ 5 6.3	1.873	2.753	11.3	21.6
12 7	2 7.63	+ 4 40.4	1.997	2.789	14.3	21.8

103707 2000 CW_{83} 11 2.5 297°.52 0°.8/ 1.8 17

9 28	2 54.05	+14 6.4	2.173	3.008	12.4	19.6
10 8	2 49.65	+13 45.2	2.083	2.994	9.4	19.4
10 18	2 43.33	+13 16.5	2.017	2.981	5.9	19.2
10 28	2 35.67	+12 43.0	1.978	2.967	2.1	18.9
11 7	2 27.49	+12 8.2	1.968	2.954	2.2	18.9
11 17	2 19.67	+11 36.3	1.986	2.941	6.1	19.1
11 27	2 13.10	+11 11.5	2.032	2.928	9.7	19.3
12 7	2 8.39	+10 57.0	2.102	2.915	12.9	19.5

5285 Krethon 11 2.5 353°.26 5°.6/24.1 18 R

9 28	2 46.73	−13 8.4	4.113	4.925	7.5	17.2
10 8	2 43.26	−14 5.0	4.060	4.925	6.4	17.1
10 18	2 38.90	−14 54.7	4.033	4.924	5.7	17.0
10 28	2 33.99	−15 34.2	4.033	4.924	5.7	17.0
11 7	2 28.91	−16 1.0	4.060	4.923	6.2	17.1
11 17	2 24.05	−16 13.6	4.112	4.923	7.2	17.2
11 27	2 19.80	−16 11.5	4.189	4.922	8.3	17.2
12 7	2 16.47	−15 55.4	4.287	4.922	9.4	17.3

38238 Holíč 11 2.5 33°.29 5°.1/30.6 18 R

9 28	2 55.48	+ 8 17.5	1.044	1.925	19.4	17.5
10 8	2 51.52	+ 6 59.8	1.018	1.953	14.4	17.3
10 18	2 44.62	+ 5 38.9	1.013	1.983	9.2	17.1
10 28	2 36.05	+ 4 25.0	1.029	2.014	5.3	17.0
11 7	2 27.35	+ 3 27.5	1.070	2.046	6.7	17.2
11 17	2 19.95	+ 2 52.9	1.134	2.079	10.9	17.5
11 27	2 14.91	+ 2 43.7	1.221	2.113	15.1	17.9
12 7	2 12.75	+ 2 58.5	1.326	2.147	18.6	18.2

485333 2011 BC_{113} 11 2.5 231°.03 2°.2/31.3 18

9 28	2 52.35	+10 19.5	2.467	3.306	11.0	21.8
10 8	2 48.03	+ 9 27.2	2.389	3.303	8.2	21.7
10 18	2 42.13	+ 8 29.7	2.335	3.299	5.2	21.5
10 28	2 35.20	+ 7 31.1	2.309	3.296	2.5	21.3
11 7	2 27.93	+ 6 35.7	2.314	3.292	3.3	21.3
11 17	2 21.05	+ 5 48.0	2.347	3.288	6.3	21.5
11 27	2 15.25	+ 5 11.7	2.408	3.284	9.3	21.7
12 7	2 11.03	+ 4 49.0	2.494	3.280	11.9	21.9

84456 2002 TR_{250} 11 2.5 347°.93 0°.7/ 2.9 18

9 28	2 55.99	+18 15.2	1.705	2.540	15.3	19.6
10 8	2 51.56	+18 4.2	1.629	2.538	11.7	19.4
10 18	2 44.72	+17 41.2	1.574	2.536	7.5	19.1
10 28	2 36.21	+17 7.9	1.545	2.534	2.9	18.9
11 7	2 27.10	+16 28.4	1.544	2.532	2.1	18.8
11 17	2 18.59	+15 47.8	1.570	2.531	6.7	19.1
11 27	2 11.74	+15 12.4	1.622	2.530	10.9	19.3
12 7	2 7.31	+14 46.9	1.697	2.529	14.6	19.6

342263 2008 SP_{306} 11 2.5 6°.37 4°.3/ 4.0 18

9 28	3 4.76	+20 41.7	1.355	2.185	18.8	20.1
10 8	2 59.08	+22 4.3	1.285	2.185	14.9	19.9
10 18	2 49.94	+23 16.8	1.235	2.186	10.3	19.6
10 28	2 38.21	+24 14.7	1.208	2.188	5.9	19.4
11 7	2 25.41	+24 55.6	1.208	2.190	4.6	19.3
11 17	2 13.30	+25 20.5	1.235	2.194	8.4	19.5
11 27	2 3.57	+25 34.4	1.286	2.198	12.9	19.8
12 7	1 57.25	+25 44.4	1.359	2.203	16.9	20.1

488363 2016 WV_{29} 11 2.5 95°.21 4°.8/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.05	+ 3 23.1	1.814	2.662	14.0	20.5
10 8	2 52.64	+ 2 38.6	1.758	2.673	10.6	20.3
10 18	2 45.13	+ 1 55.0	1.725	2.684	7.2	20.2
10 28	2 36.28	+ 1 18.0	1.719	2.695	4.9	20.0
11 7	2 27.11	+ 0 52.7	1.740	2.706	5.9	20.1
11 17	2 18.63	+ 0 42.9	1.790	2.717	8.9	20.3
11 27	2 11.75	+ 0 50.3	1.864	2.727	12.2	20.6
12 7	2 7.04	+ 1 14.7	1.961	2.738	15.0	20.8

147210 2002 WC_{6} 11 2.5 330°.29 4°.3/ 5.1 18

9 28	2 57.12	+25 41.3	1.349	2.177	19.0	19.6
10 8	2 53.28	+25 54.3	1.272	2.169	15.2	19.3
10 18	2 46.25	+25 46.4	1.213	2.162	10.8	19.1
10 28	2 36.87	+25 15.8	1.177	2.155	6.3	18.8
11 7	2 26.57	+24 25.1	1.165	2.149	4.5	18.7
11 17	2 16.96	+23 20.9	1.179	2.143	8.0	18.9
11 27	2 9.57	+22 13.3	1.217	2.138	12.7	19.1
12 7	2 5.35	+21 12.4	1.277	2.133	17.0	19.4

76424 2000 FH_{21} 11 2.5 176°.98 3°.3/30.8 18

9 28	2 56.90	+ 6 3.6	2.327	3.164	11.7	19.8
10 8	2 51.47	+ 5 25.8	2.255	3.166	8.8	19.7
10 18	2 44.30	+ 4 46.6	2.207	3.167	5.8	19.5
10 28	2 36.00	+ 4 9.8	2.187	3.168	3.4	19.3
11 7	2 27.34	+ 3 39.7	2.197	3.168	4.2	19.4
11 17	2 19.14	+ 3 19.6	2.236	3.168	7.1	19.6
11 27	2 12.17	+ 3 12.1	2.302	3.168	10.1	19.8
12 7	2 6.97	+ 3 18.4	2.393	3.167	12.7	19.9

404663 2014 HW_{124} 11 2.5 188°.16 4°.6/29.3 18

9 28	2 55.33	+ 4 5.9	2.143	2.987	12.2	21.2
10 8	2 50.43	+ 2 53.6	2.073	2.987	9.3	21.0
10 18	2 43.71	+ 1 39.8	2.028	2.986	6.4	20.8
10 28	2 35.79	+ 0 30.5	2.011	2.985	4.7	20.7
11 7	2 27.51	− 0 28.3	2.023	2.983	5.8	20.8
11 17	2 19.72	− 1 11.8	2.063	2.981	8.5	20.9
11 27	2 13.22	− 1 36.8	2.130	2.979	11.5	21.1
12 7	2 8.56	− 1 42.8	2.218	2.976	14.1	21.3

238263 2003 WA_{23} 11 2.5 70°.90 3°.0/31.8 18

9 28	2 59.98	+ 7 25.1	1.715	2.561	14.7	20.1
10 8	2 54.30	+ 7 13.1	1.653	2.569	11.1	19.9
10 18	2 46.28	+ 6 59.3	1.614	2.578	7.1	19.7
10 28	2 36.74	+ 6 47.7	1.600	2.586	3.5	19.5
11 7	2 26.77	+ 6 42.0	1.615	2.595	4.2	19.6
11 17	2 17.50	+ 6 45.6	1.658	2.604	8.0	19.8
11 27	2 9.95	+ 7 0.8	1.727	2.612	11.8	20.1
12 7	2 4.78	+ 7 28.4	1.818	2.621	15.0	20.3

424605 2008 HH_{41} 11 2.5 165°.72 10°.6/25.2 17

9 28	3 1.71	−16 5.5	2.101	2.905	13.9	21.2
10 8	2 55.15	−17 23.8	2.056	2.911	12.1	21.1
10 18	2 46.59	−18 26.6	2.034	2.917	10.9	21.0
10 28	2 36.80	−19 6.4	2.037	2.922	10.6	21.0
11 7	2 26.74	−19 18.3	2.065	2.926	11.5	21.1
11 17	2 17.36	−19 0.7	2.118	2.929	13.0	21.2
11 27	2 9.52	−18 15.2	2.192	2.931	14.8	21.4
12 7	2 3.80	−17 6.2	2.286	2.933	16.5	21.5

523626 2008 PH_{9} 11 2.5 200°.16 8°.7/16.1 18

9 28	3 13.56	+58 24.4	4.022	4.525	11.7	23.6
10 8	3 4.65	+59 22.0	3.922	4.519	10.9	23.5
10 18	2 52.98	+60 1.7	3.837	4.512	10.1	23.4
10 28	2 39.25	+60 18.9	3.773	4.504	9.4	23.4
11 7	2 24.63	+60 11.2	3.731	4.495	8.8	23.3
11 17	2 10.42	+59 38.4	3.713	4.486	8.7	23.3
11 27	1 57.93	+58 43.6	3.719	4.476	8.9	23.3
12 7	1 48.04	+57 32.7	3.750	4.465	9.5	23.3

14707 2000 CC_{20} 11 2.5 317°.10 2°.8/29.0 18

9 28	2 46.35	+ 1 33.3	4.252	5.088	6.8	18.5
10 8	2 42.95	+ 0 53.0	4.178	5.086	5.2	18.4
10 18	2 38.73	+ 0 13.7	4.132	5.084	3.7	18.3
10 28	2 33.97	− 0 22.3	4.114	5.082	2.9	18.2
11 7	2 29.04	− 0 52.4	4.127	5.079	3.4	18.2
11 17	2 24.31	− 1 15.0	4.169	5.077	4.9	18.3
11 27	2 20.13	− 1 28.5	4.239	5.075	6.5	18.5
12 7	2 16.82	− 1 32.3	4.333	5.073	8.0	18.6

348347 2005 EV_{98} 11 2.5 318°.44 2°.1/ 3.6 17

9 28	2 55.98	+19 56.4	1.433	2.276	17.3	21.5
10 8	2 52.39	+20 10.1	1.340	2.251	13.6	21.2
10 18	2 45.76	+20 10.1	1.266	2.226	9.1	20.9
10 28	2 36.78	+19 56.0	1.216	2.202	4.2	20.5
11 7	2 26.65	+19 30.0	1.191	2.179	2.8	20.4
11 17	2 16.88	+18 56.9	1.192	2.156	7.8	20.6
11 27	2 8.99	+18 24.3	1.217	2.134	12.9	20.8
12 7	2 4.08	+17 59.4	1.263	2.114	17.5	21.1

402012 2003 RF_{15} 11 2.5 38°.00 4°.7/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.43	+30 15.4	1.857	2.647	16.0	20.2
10 8	2 51.00	+30 16.5	1.793	2.662	12.9	20.1
10 18	2 44.26	+29 57.4	1.749	2.678	9.5	19.9
10 28	2 36.03	+29 17.8	1.730	2.695	6.3	19.7
11 7	2 27.40	+28 20.6	1.737	2.712	4.7	19.7
11 17	2 19.52	+27 11.3	1.772	2.729	6.5	19.8
11 27	2 13.35	+25 57.7	1.834	2.747	9.6	20.0
12 7	2 9.53	+24 47.7	1.920	2.765	12.6	20.3

479573 2014 CY_{11} 11 2.5 299°.84 1°.2/ 1.8 18

9 28	2 56.75	+14 12.6	1.478	2.330	16.4	21.9
10 8	2 52.67	+13 48.3	1.390	2.310	12.5	21.6
10 18	2 45.75	+13 13.0	1.323	2.290	7.9	21.3
10 28	2 36.72	+12 30.0	1.280	2.270	2.9	20.9
11 7	2 26.75	+11 44.6	1.264	2.250	3.1	20.9
11 17	2 17.23	+11 3.5	1.273	2.231	8.4	21.1
11 27	2 9.54	+10 33.6	1.308	2.212	13.4	21.4
12 7	2 4.61	+10 19.7	1.364	2.193	17.7	21.6

426625 2013 SJ_{60} 11 2.5 58°.85 6°.0/ 5.7 17

9 28	3 5.01	+27 11.7	1.217	2.035	21.1	20.5
10 8	2 59.25	+28 1.4	1.166	2.055	17.0	20.3
10 18	2 49.90	+28 28.4	1.134	2.075	12.3	20.1
10 28	2 38.13	+28 29.2	1.124	2.095	7.8	19.9
11 7	2 25.73	+28 5.0	1.138	2.115	6.0	19.9
11 17	2 14.57	+27 22.2	1.177	2.136	8.8	20.1
11 27	2 6.22	+26 31.2	1.241	2.157	12.9	20.4
12 7	2 1.46	+25 42.6	1.326	2.178	16.7	20.7

361376 2006 VU_{20} 11 2.5 295°.48 0°.2/ 2.3 18

9 28	2 56.58	+15 21.0	1.944	2.777	13.7	21.5
10 8	2 51.74	+15 10.1	1.863	2.773	10.4	21.2
10 18	2 44.73	+14 50.7	1.806	2.769	6.6	21.0
10 28	2 36.24	+14 25.1	1.775	2.764	2.3	20.7
11 7	2 27.20	+13 56.6	1.772	2.760	2.1	20.7
11 17	2 18.65	+13 29.5	1.798	2.756	6.3	21.0
11 27	2 11.56	+13 8.4	1.851	2.752	10.3	21.2
12 7	2 6.62	+12 56.8	1.928	2.748	13.6	21.4

159917 2004 XA_{87} 11 2.5 25°.41 0°.4/ 2.3 18

9 28	2 57.96	+14 0.5	1.107	1.974	19.5	18.6
10 8	2 53.76	+14 11.3	1.062	1.989	14.7	18.3
10 18	2 46.34	+14 12.5	1.035	2.004	9.2	18.1
10 28	2 36.82	+14 6.8	1.031	2.022	3.3	17.8
11 7	2 26.81	+13 58.4	1.052	2.040	2.8	17.9
11 17	2 17.92	+13 52.5	1.097	2.060	8.5	18.3
11 27	2 11.49	+13 54.2	1.165	2.081	13.5	18.6
12 7	2 8.25	+14 7.0	1.253	2.103	17.7	18.9

395903 2013 AV_{73} 11 2.5 253°.59 0°.9/ 3.0 18

9 28	2 59.54	+17 21.8	1.878	2.703	14.5	21.3
10 8	2 54.11	+17 31.8	1.796	2.699	11.1	21.1
10 18	2 46.31	+17 32.7	1.736	2.695	7.2	20.9
10 28	2 36.83	+17 25.2	1.703	2.691	2.9	20.6
11 7	2 26.71	+17 11.6	1.698	2.686	2.0	20.5
11 17	2 17.09	+16 55.4	1.722	2.682	6.3	20.8
11 27	2 9.06	+16 41.3	1.773	2.677	10.4	21.0
12 7	2 3.36	+16 33.5	1.848	2.673	13.9	21.3

224091 2005 OQ_{4} 11 2.5 95°.55 0°.2/ 2.4 17

9 28	3 3.01	+15 19.6	1.587	2.421	16.3	21.0
10 8	2 56.70	+15 12.6	1.532	2.441	12.3	20.8
10 18	2 47.82	+14 56.2	1.498	2.460	7.7	20.6
10 28	2 37.30	+14 32.6	1.490	2.479	2.7	20.3
11 7	2 26.41	+14 6.0	1.510	2.498	2.3	20.3
11 17	2 16.43	+13 41.2	1.558	2.516	7.1	20.7
11 27	2 8.46	+13 23.4	1.633	2.534	11.4	21.0
12 7	2 3.15	+13 16.1	1.731	2.551	14.9	21.3

294475 2007 VS_{332} 11 2.5 24°.15 6°.1/30.7 18

9 28	2 55.74	+ 5 55.7	0.923	1.813	20.5	19.9
10 8	2 52.40	+ 5 1.7	0.884	1.822	15.6	19.7
10 18	2 45.60	+ 4 6.0	0.862	1.833	10.3	19.5
10 28	2 36.57	+ 3 18.6	0.862	1.845	6.3	19.3
11 7	2 27.05	+ 2 48.9	0.883	1.859	7.7	19.4
11 17	2 18.76	+ 2 42.8	0.926	1.874	12.3	19.7
11 27	2 13.10	+ 3 2.6	0.990	1.890	17.0	20.1
12 7	2 10.78	+ 3 46.0	1.072	1.907	21.0	20.4

328062 2007 UZ_{97} 11 2.5 302°.37 0°.4/ 2.3 18

9 28	2 58.03	+16 6.4	1.282	2.137	18.2	21.5
10 8	2 53.92	+15 45.4	1.206	2.127	13.9	21.2
10 18	2 46.64	+15 10.6	1.150	2.116	8.9	20.9
10 28	2 37.05	+14 24.9	1.117	2.107	3.2	20.6
11 7	2 26.53	+13 34.3	1.109	2.097	2.9	20.5
11 17	2 16.69	+12 46.4	1.127	2.088	8.7	20.9
11 27	2 9.03	+12 9.3	1.168	2.079	14.0	21.1
12 7	2 4.49	+11 48.7	1.230	2.070	18.6	21.4

66654 1999 SF_{12} 11 2.5 226°.13 8°.6/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.30	+42 9.9	1.972	2.686	17.6	18.4
10 8	2 55.13	+42 20.3	1.883	2.683	15.3	18.3
10 18	2 47.11	+42 3.4	1.811	2.679	12.8	18.1
10 28	2 37.14	+41 14.9	1.761	2.675	10.3	17.9
11 7	2 26.51	+39 54.5	1.736	2.671	8.7	17.8
11 17	2 16.65	+38 7.2	1.737	2.667	9.0	17.8
11 27	2 8.84	+36 2.5	1.766	2.663	10.9	17.9
12 7	2 3.85	+33 52.5	1.820	2.658	13.5	18.1

340297 2006 CU_{11} 11 2.5 133°.35 0°.9/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.78	+19 23.4	1.828	2.652	14.9	21.1
10 8	2 53.45	+19 7.4	1.756	2.658	11.4	20.8
10 18	2 45.80	+18 38.8	1.707	2.665	7.4	20.6
10 28	2 36.61	+17 59.4	1.683	2.671	3.0	20.4
11 7	2 26.95	+17 13.1	1.688	2.676	2.0	20.3
11 17	2 17.94	+16 25.3	1.722	2.682	6.3	20.6
11 27	2 10.60	+15 42.1	1.783	2.687	10.3	20.9
12 7	2 5.61	+15 8.5	1.867	2.692	13.8	21.1

398468 2011 UA_{120} 11 2.5 54°.43 0°.2/ 2.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.83	+18 7.1	1.740	2.575	15.0	21.5
10 8	2 51.25	+17 37.3	1.675	2.585	11.4	21.3
10 18	2 44.41	+16 55.1	1.632	2.594	7.2	21.1
10 28	2 36.11	+16 3.4	1.615	2.604	2.7	20.8
11 7	2 27.40	+15 7.4	1.626	2.614	2.0	20.8
11 17	2 19.37	+14 13.1	1.664	2.624	6.5	21.1
11 27	2 13.01	+13 26.6	1.729	2.634	10.6	21.4
12 7	2 8.93	+12 52.4	1.818	2.645	14.0	21.6

209290 2003 YP_{56} 11 2.5 350°.09 3°.3/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.62	+ 8 33.2	1.467	2.329	15.9	19.5
10 8	2 51.53	+ 8 4.5	1.399	2.324	12.0	19.3
10 18	2 44.82	+ 7 31.6	1.352	2.320	7.7	19.0
10 28	2 36.32	+ 6 59.5	1.329	2.316	3.8	18.8
11 7	2 27.19	+ 6 34.0	1.333	2.313	4.7	18.9
11 17	2 18.71	+ 6 20.3	1.363	2.311	9.0	19.1
11 27	2 12.05	+ 6 22.1	1.416	2.310	13.3	19.3
12 7	2 7.98	+ 6 40.8	1.491	2.309	17.0	19.6

328077 2007 XK_{31} 11 2.5 352°.73 3°.4/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.03	+10 5.6	1.094	1.970	19.1	20.5
10 8	2 52.58	+ 9 32.6	1.033	1.966	14.4	20.3
10 18	2 45.83	+ 8 51.9	0.991	1.962	9.2	20.0
10 28	2 36.75	+ 8 9.9	0.971	1.959	4.2	19.7
11 7	2 26.86	+ 7 34.4	0.974	1.957	5.2	19.7
11 17	2 17.83	+ 7 12.7	1.001	1.956	10.5	20.0
11 27	2 11.17	+ 7 10.2	1.050	1.956	15.6	20.3
12 7	2 7.76	+ 7 28.6	1.117	1.957	20.1	20.6

140059 2001 SZ_{101} 11 2.5 10°.25 2°.3/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.57	+12 24.7	1.705	2.556	14.5	20.3
10 8	2 49.59	+11 27.8	1.637	2.557	10.9	20.1
10 18	2 43.41	+10 22.0	1.591	2.559	6.8	19.9
10 28	2 35.77	+ 9 12.6	1.572	2.560	2.9	19.6
11 7	2 27.68	+ 8 6.4	1.580	2.562	3.7	19.7
11 17	2 20.20	+ 7 10.0	1.616	2.565	7.8	19.9
11 27	2 14.30	+ 6 28.7	1.677	2.568	11.7	20.2
12 7	2 10.61	+ 6 5.6	1.760	2.571	15.1	20.4

150441 2000 GU_{118} 11 2.5 225°.40 1°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.81	+19 32.6	1.829	2.651	15.0	22.0
10 8	2 54.43	+19 21.1	1.742	2.643	11.6	21.7
10 18	2 46.57	+18 56.6	1.677	2.634	7.6	21.5
10 28	2 36.96	+18 20.4	1.639	2.626	3.2	21.2
11 7	2 26.67	+17 35.8	1.628	2.616	2.1	21.1
11 17	2 16.88	+16 48.2	1.646	2.606	6.5	21.4
11 27	2 8.74	+16 4.0	1.692	2.596	10.8	21.6
12 7	2 3.03	+15 28.9	1.761	2.585	14.5	21.8

475311 2005 YA_{31} 11 2.5 292°.11 2°.2/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.12	+11 32.8	1.575	2.426	15.5	22.0
10 8	2 52.66	+11 1.8	1.493	2.413	11.8	21.7
10 18	2 45.58	+10 22.9	1.434	2.400	7.4	21.4
10 28	2 36.63	+ 9 40.3	1.399	2.388	3.1	21.1
11 7	2 26.93	+ 8 59.6	1.391	2.375	3.8	21.1
11 17	2 17.76	+ 8 27.0	1.410	2.362	8.4	21.4
11 27	2 10.31	+ 8 7.7	1.455	2.350	12.9	21.6
12 7	2 5.43	+ 8 4.9	1.520	2.338	16.8	21.8

355085 2006 SG_{378} 11 2.5 42°.83 5°.9/29.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.03	+ 1 43.4	1.552	2.410	15.4	20.5
10 8	2 52.11	+ 0 56.9	1.507	2.426	11.8	20.3
10 18	2 44.90	+ 0 13.6	1.484	2.443	8.2	20.2
10 28	2 36.26	− 0 19.7	1.486	2.460	6.0	20.1
11 7	2 27.34	− 0 37.6	1.515	2.477	7.0	20.2
11 17	2 19.24	− 0 36.7	1.569	2.495	10.1	20.4
11 27	2 12.94	− 0 16.0	1.647	2.513	13.4	20.7
12 7	2 9.01	+ 0 23.0	1.746	2.531	16.3	20.9

126069 2001 YK_{82} 11 2.5 317°.12 0°.9/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.53	+18 20.5	1.601	2.436	16.1	19.7
10 8	2 53.69	+18 16.5	1.525	2.433	12.4	19.5
10 18	2 46.19	+18 0.0	1.470	2.431	8.0	19.2
10 28	2 36.83	+17 32.6	1.441	2.429	3.2	18.9
11 7	2 26.81	+16 57.9	1.438	2.427	2.2	18.9
11 17	2 17.41	+16 21.1	1.463	2.425	7.0	19.2
11 27	2 9.85	+15 48.8	1.514	2.423	11.5	19.4
12 7	2 4.91	+15 26.1	1.587	2.421	15.4	19.7

117305 2004 VU_{15} 11 2.5 35°.15 3°.6/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.37	+ 5 4.4	1.878	2.725	13.6	19.4
10 8	2 52.17	+ 4 49.1	1.817	2.733	10.3	19.2
10 18	2 44.89	+ 4 34.3	1.779	2.741	6.7	19.0
10 28	2 36.28	+ 4 23.8	1.767	2.749	3.9	18.9
11 7	2 27.30	+ 4 21.4	1.783	2.758	4.7	19.0
11 17	2 18.92	+ 4 29.7	1.828	2.767	7.9	19.2
11 27	2 12.07	+ 4 50.5	1.898	2.776	11.3	19.4
12 7	2 7.33	+ 5 23.9	1.992	2.786	14.2	19.6

186680 2003 YH_{137} 11 2.5 320°.82 0°.6/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.95	+17 18.0	1.243	2.099	18.6	20.4
10 8	2 53.30	+17 16.3	1.164	2.085	14.3	20.1
10 18	2 46.39	+17 0.8	1.105	2.071	9.3	19.8
10 28	2 37.02	+16 32.8	1.069	2.058	3.6	19.5
11 7	2 26.61	+15 56.9	1.057	2.046	2.6	19.4
11 17	2 16.80	+15 19.7	1.070	2.034	8.5	19.7
11 27	2 9.20	+14 49.3	1.106	2.023	14.0	19.9
12 7	2 4.83	+14 32.1	1.163	2.013	18.7	20.2

9313 Protea 11 2.5 169°.72 5°.7/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.09	+34 26.7	2.275	3.022	14.6	18.8
10 8	2 54.36	+34 37.3	2.189	3.025	12.2	18.6
10 18	2 46.37	+34 28.5	2.125	3.028	9.5	18.5
10 28	2 36.85	+33 58.2	2.085	3.030	7.0	18.3
11 7	2 26.81	+33 7.4	2.073	3.032	5.7	18.2
11 17	2 17.36	+32 0.2	2.089	3.034	6.7	18.3
11 27	2 9.49	+30 43.2	2.134	3.035	9.1	18.5
12 7	2 3.90	+29 24.4	2.204	3.035	11.7	18.6

490164 2008 UN_{243} 11 2.5 45°.17 6°.0/ 7.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.46	+32 39.5	1.418	2.215	19.7	20.9
10 8	2 53.17	+32 29.2	1.359	2.231	16.1	20.7
10 18	2 45.89	+31 50.6	1.319	2.247	12.0	20.5
10 28	2 36.68	+30 42.8	1.301	2.264	8.1	20.3
11 7	2 27.03	+29 10.4	1.307	2.282	6.0	20.2
11 17	2 18.43	+27 22.8	1.340	2.300	7.8	20.4
11 27	2 12.14	+25 32.2	1.399	2.318	11.4	20.7
12 7	2 8.81	+23 50.0	1.481	2.336	15.1	20.9

317441 2002 QR_{91} 11 2.5 124°.44 0°.8/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.61	+13 56.1	1.635	2.470	15.8	21.1
10 8	2 56.46	+13 46.0	1.571	2.482	12.0	20.9
10 18	2 47.75	+13 27.8	1.529	2.493	7.5	20.6
10 28	2 37.34	+13 4.0	1.514	2.503	2.6	20.4
11 7	2 26.46	+12 38.8	1.526	2.513	2.6	20.4
11 17	2 16.37	+12 16.8	1.567	2.523	7.3	20.7
11 27	2 8.19	+12 2.7	1.634	2.532	11.6	21.0
12 7	2 2.63	+11 59.9	1.725	2.541	15.1	21.2

351008 2003 OZ_{27} 11 2.5 34°.47 7°.2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.71	+ 0 22.1	1.467	2.331	15.8	20.1
10 8	2 51.34	− 0 52.1	1.418	2.338	12.3	19.9
10 18	2 44.54	− 2 2.6	1.390	2.345	9.0	19.8
10 28	2 36.18	− 3 1.0	1.386	2.353	7.2	19.7
11 7	2 27.42	− 3 39.6	1.408	2.361	8.5	19.8
11 17	2 19.46	− 3 53.8	1.455	2.370	11.5	20.0
11 27	2 13.32	− 3 42.2	1.524	2.379	14.9	20.2
12 7	2 9.63	− 3 7.0	1.613	2.389	17.8	20.5

515205 2011 WD_{56} 11 2.5 338°.24 0°.2/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.38	+16 58.2	1.693	2.535	15.1	21.4
10 8	2 50.38	+16 26.3	1.616	2.530	11.5	21.2
10 18	2 44.02	+15 42.1	1.561	2.525	7.2	20.9
10 28	2 36.04	+14 48.7	1.531	2.521	2.6	20.6
11 7	2 27.50	+13 51.3	1.529	2.517	2.3	20.6
11 17	2 19.52	+12 56.3	1.554	2.513	7.0	20.9
11 27	2 13.16	+12 10.3	1.605	2.510	11.2	21.1
12 7	2 9.15	+11 37.9	1.679	2.507	14.9	21.4

452862 2006 SU_{276} 11 2.5 67°.11 0°.3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.11	+15 29.4	1.824	2.660	14.4	21.4
10 8	2 52.15	+15 12.3	1.757	2.668	10.9	21.2
10 18	2 44.98	+14 46.1	1.712	2.675	6.8	21.0
10 28	2 36.35	+14 13.4	1.693	2.682	2.4	20.8
11 7	2 27.28	+13 38.3	1.702	2.690	2.2	20.8
11 17	2 18.84	+13 5.7	1.740	2.697	6.5	21.1
11 27	2 12.00	+12 40.2	1.804	2.705	10.5	21.3
12 7	2 7.39	+12 25.5	1.891	2.712	13.8	21.5

412912 2014 QY_{131} 11 2.5 331°.74 3°.4/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 56.69	+24 51.7	2.023	2.827	14.4	21.4
10 8	2 51.98	+25 13.4	1.937	2.821	11.4	21.2
10 18	2 45.00	+25 21.5	1.873	2.815	8.1	21.0
10 28	2 36.41	+25 15.2	1.834	2.810	4.8	20.8
11 7	2 27.19	+24 55.5	1.824	2.805	3.5	20.7
11 17	2 18.41	+24 25.8	1.841	2.800	6.1	20.8
11 27	2 11.11	+23 51.5	1.885	2.795	9.5	21.0
12 7	2 6.03	+23 18.5	1.954	2.791	12.8	21.2

48196 2001 JU_1 11 2.5 31°.46 5°.2/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.07	+ 3 23.4	1.214	2.081	18.2	16.7
10 8	2 54.80	+ 3 12.5	1.179	2.105	13.7	16.5
10 18	2 46.71	+ 3 5.1	1.165	2.129	9.1	16.3
10 28	2 36.93	+ 3 6.5	1.173	2.155	5.5	16.2
11 7	2 26.92	+ 3 20.9	1.207	2.182	6.3	16.3
11 17	2 18.07	+ 3 50.4	1.266	2.210	10.1	16.6
11 27	2 11.53	+ 4 35.1	1.348	2.238	14.1	16.9
12 7	2 7.86	+ 5 33.3	1.451	2.268	17.5	17.2

150727 2001 QP_{38} 11 2.5 47°.58 1°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.28	+12 59.6	1.227	2.088	18.5	19.4
10 8	2 54.40	+12 32.3	1.182	2.107	13.8	19.2
10 18	2 46.58	+11 55.9	1.157	2.126	8.6	18.9
10 28	2 36.92	+11 15.3	1.156	2.146	3.2	18.7
11 7	2 26.90	+10 37.0	1.180	2.166	3.6	18.8
11 17	2 17.97	+10 7.4	1.230	2.187	8.7	19.1
11 27	2 11.35	+ 9 51.7	1.304	2.209	13.3	19.5
12 7	2 7.69	+ 9 52.3	1.398	2.230	17.2	19.8

192448 1997 WY_{15} 11 2.5 23°.01 0°.5/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 47.30	+13 52.3	4.039	4.862	7.4	20.3
10 8	2 43.75	+13 28.6	3.959	4.865	5.5	20.2
10 18	2 39.29	+13 1.1	3.905	4.867	3.4	20.0
10 28	2 34.24	+12 31.4	3.880	4.869	1.2	19.9
11 7	2 29.01	+12 1.4	3.885	4.871	1.3	19.9
11 17	2 23.99	+11 33.4	3.922	4.874	3.5	20.0
11 27	2 19.59	+11 9.3	3.988	4.876	5.6	20.2
12 7	2 16.13	+10 51.0	4.080	4.879	7.4	20.3

425675 2010 YJ_4 11 2.5 113°.59 0°.9/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.74	+13 22.1	1.732	2.562	15.3	21.6
10 8	2 57.08	+13 13.9	1.673	2.581	11.5	21.4
10 18	2 48.02	+12 58.6	1.637	2.599	7.2	21.2
10 28	2 37.43	+12 38.6	1.627	2.617	2.6	20.9
11 7	2 26.47	+12 17.8	1.647	2.634	2.5	21.0
11 17	2 16.33	+12 0.3	1.695	2.650	7.0	21.3
11 27	2 8.06	+11 50.3	1.771	2.665	11.0	21.6
12 7	2 2.30	+11 50.5	1.870	2.680	14.4	21.8

494338 2016 TS_{36} 11 2.5 12°.28 4°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.85	+24 40.1	1.264	2.099	19.6	20.7
10 8	2 53.90	+25 12.8	1.199	2.101	15.6	20.5
10 18	2 46.66	+25 26.1	1.154	2.104	11.0	20.2
10 28	2 37.09	+25 18.0	1.130	2.108	6.4	20.0
11 7	2 26.69	+24 50.4	1.130	2.113	4.7	19.9
11 17	2 17.15	+24 9.0	1.156	2.119	8.1	20.1
11 27	2 9.97	+23 23.1	1.205	2.126	12.7	20.4
12 7	2 6.05	+22 41.6	1.275	2.134	16.8	20.7

158107 2000 YB_{48} 11 2.5 227°.87 1°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.75	+12 33.3	2.865	3.688	10.1	21.3
10 8	2 49.73	+12 5.3	2.770	3.676	7.6	21.1
10 18	2 43.22	+11 32.1	2.701	3.663	4.7	20.9
10 28	2 35.71	+10 55.9	2.661	3.650	1.8	20.7
11 7	2 27.80	+10 19.9	2.652	3.636	2.1	20.7
11 17	2 20.19	+ 9 47.2	2.673	3.621	5.1	20.9
11 27	2 13.51	+ 9 21.1	2.723	3.606	8.1	21.0
12 7	2 8.28	+ 9 4.0	2.799	3.591	10.6	21.2

109274 2001 QQ_{114} 11 2.5 135°.93 0°.2/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.25	+17 33.4	1.853	2.680	14.6	20.3
10 8	2 53.67	+16 49.6	1.786	2.691	11.0	20.1
10 18	2 45.87	+15 53.6	1.741	2.702	6.9	19.9
10 28	2 36.66	+14 49.0	1.724	2.713	2.5	19.6
11 7	2 27.09	+13 41.2	1.735	2.723	2.1	19.6
11 17	2 18.22	+12 36.6	1.776	2.732	6.5	19.9
11 27	2 11.01	+11 41.5	1.844	2.741	10.5	20.2
12 7	2 6.07	+11 0.2	1.936	2.749	13.8	20.4

76751 2000 JR_{79} 11 2.5 192°.99 6°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.62	− 3 12.5	2.143	2.982	12.4	20.3
10 8	2 51.42	− 4 9.6	2.079	2.981	9.9	20.1
10 18	2 44.37	− 5 1.5	2.038	2.980	7.6	20.0
10 28	2 36.13	− 5 42.4	2.025	2.978	6.5	19.9
11 7	2 27.51	− 6 7.1	2.039	2.977	7.5	20.0
11 17	2 19.40	− 6 12.6	2.081	2.975	9.7	20.1
11 27	2 12.60	− 5 57.8	2.147	2.972	12.3	20.3
12 7	2 7.67	− 5 23.9	2.235	2.970	14.6	20.4

407544 2010 WT_{32} 11 2.5 198°.80 1°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.15	+11 52.4	2.495	3.325	11.2	21.7
10 8	2 50.17	+11 26.5	2.414	3.323	8.4	21.5
10 18	2 43.55	+10 55.5	2.357	3.321	5.2	21.3
10 28	2 35.83	+10 22.2	2.329	3.318	2.1	21.1
11 7	2 27.74	+ 9 49.9	2.331	3.315	2.5	21.1
11 17	2 20.04	+ 9 22.2	2.363	3.312	5.7	21.3
11 27	2 13.45	+ 9 2.2	2.423	3.308	8.8	21.5
12 7	2 8.51	+ 8 52.3	2.507	3.304	11.6	21.7

487058 2014 OC_{80} 11 2.5 38°.67 5°.9/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.86	+31 47.4	1.984	2.756	15.7	21.2
10 8	2 53.75	+32 22.6	1.906	2.761	13.0	21.1
10 18	2 46.17	+32 39.4	1.849	2.765	10.0	20.9
10 28	2 36.86	+32 35.2	1.816	2.769	7.2	20.7
11 7	2 26.91	+32 10.5	1.810	2.774	5.9	20.7
11 17	2 17.55	+31 28.4	1.831	2.779	7.2	20.8
11 27	2 9.88	+30 35.7	1.879	2.783	9.9	20.9
12 7	2 4.68	+29 40.1	1.951	2.789	12.8	21.1

308952 2006 TF_{24} 11 2.5 24°.89 1°.4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.57	+20 22.6	1.661	2.494	15.7	20.3
10 8	2 51.29	+20 8.3	1.593	2.499	12.1	20.1
10 18	2 44.59	+19 39.8	1.545	2.504	7.9	19.9
10 28	2 36.26	+18 58.8	1.523	2.510	3.4	19.6
11 7	2 27.44	+18 9.6	1.527	2.516	2.2	19.6
11 17	2 19.28	+17 18.1	1.560	2.522	6.5	19.9
11 27	2 12.86	+16 31.1	1.618	2.529	10.7	20.1
12 7	2 8.86	+15 54.2	1.699	2.537	14.4	20.4

522020 2015 XG_{395} 11 2.5 194°.40 3°.9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.98	+ 3 41.1	2.504	3.344	10.8	21.7
10 8	2 49.23	+ 2 53.9	2.432	3.343	8.2	21.5
10 18	2 42.92	+ 2 6.6	2.384	3.341	5.6	21.4
10 28	2 35.61	+ 1 23.5	2.365	3.340	3.9	21.2
11 7	2 27.96	+ 0 48.7	2.375	3.338	4.8	21.3
11 17	2 20.71	+ 0 25.6	2.414	3.336	7.2	21.5
11 27	2 14.54	+ 0 16.4	2.480	3.333	9.9	21.6
12 7	2 9.95	+ 0 21.9	2.569	3.331	12.3	21.8

11270 1988 EA_2 11 2.5 220°.55 2°.4/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.90	+12 9.2	1.534	2.383	16.0	18.1
10 8	2 53.96	+11 23.5	1.460	2.379	12.1	17.8
10 18	2 46.37	+10 28.4	1.409	2.375	7.6	17.6
10 28	2 36.94	+ 9 29.0	1.382	2.371	3.2	17.3
11 7	2 26.87	+ 8 31.9	1.383	2.367	3.9	17.3
11 17	2 17.47	+ 7 44.2	1.412	2.362	8.6	17.6
11 27	2 9.92	+ 7 11.8	1.465	2.357	13.0	17.9
12 7	2 5.01	+ 6 57.9	1.539	2.352	16.8	18.1

2725 David Bender 11 2.5 319°.25 3°.7/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.26	+ 4 31.0	1.913	2.758	13.5	15.2
10 8	2 53.07	+ 4 26.1	1.830	2.745	10.3	15.0
10 18	2 45.65	+ 4 22.6	1.771	2.732	6.8	14.7
10 28	2 36.67	+ 4 23.8	1.737	2.719	4.0	14.5
11 7	2 27.07	+ 4 33.2	1.732	2.707	4.7	14.6
11 17	2 17.90	+ 4 53.3	1.755	2.696	8.1	14.7
11 27	2 10.16	+ 5 25.8	1.805	2.684	11.7	14.9
12 7	2 4.58	+ 6 10.9	1.878	2.674	14.9	15.1

10635 1998 QH_8 11 2.5 53°.77 5°.0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.13	+ 3 34.7	1.980	2.832	12.8	18.3
10 8	2 48.86	+ 2 19.0	1.925	2.843	9.7	18.1
10 18	2 42.78	+ 1 3.1	1.895	2.853	6.7	18.0
10 28	2 35.55	− 0 6.3	1.891	2.863	5.0	17.9
11 7	2 28.04	− 1 3.2	1.916	2.874	6.1	18.0
11 17	2 21.10	− 1 43.0	1.967	2.885	8.9	18.2
11 27	2 15.51	− 2 2.9	2.044	2.896	11.7	18.4
12 7	2 11.80	− 2 3.0	2.143	2.907	14.3	18.6

49268 1998 UV_7 11 2.5 348°.15 1°.3/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.36	+ 9 59.3	1.439	2.290	16.8	18.2
10 8	2 56.13	+10 32.7	1.365	2.284	12.8	17.9
10 18	2 47.93	+11 4.6	1.311	2.277	8.1	17.6
10 28	2 37.57	+11 36.3	1.283	2.272	3.0	17.3
11 7	2 26.35	+12 9.4	1.281	2.268	3.0	17.3
11 17	2 15.75	+12 45.5	1.306	2.264	8.1	17.6
11 27	2 7.14	+13 26.7	1.357	2.262	12.9	17.9
12 7	2 1.44	+14 14.6	1.429	2.260	16.9	18.1

481607 2007 TB_{428} 11 2.5 39°.02 5°.5/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.36	+ 2 28.6	1.351	2.212	17.1	19.9
10 8	2 54.90	+ 2 9.1	1.310	2.231	13.0	19.7
10 18	2 46.77	+ 1 53.5	1.289	2.250	8.8	19.5
10 28	2 37.01	+ 1 47.4	1.292	2.271	5.7	19.4
11 7	2 26.96	+ 1 55.2	1.321	2.292	6.6	19.5
11 17	2 17.92	+ 2 19.4	1.376	2.313	10.1	19.8
11 27	2 11.00	+ 3 0.3	1.454	2.335	13.9	20.0
12 7	2 6.82	+ 3 56.1	1.554	2.358	17.1	20.3

139142 2001 FP_{88} 11 2.5 67°.92 0°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 1.36	+17 17.8	1.388	2.229	17.8	19.6
10 8	2 56.00	+17 19.3	1.327	2.240	13.6	19.3
10 18	2 47.70	+17 8.5	1.288	2.250	8.7	19.1
10 28	2 37.42	+16 47.2	1.272	2.261	3.3	18.8
11 7	2 26.58	+16 19.3	1.283	2.272	2.4	18.8
11 17	2 16.63	+15 50.4	1.321	2.283	7.6	19.1
11 27	2 8.88	+15 27.1	1.384	2.294	12.3	19.4
12 7	2 4.08	+15 14.2	1.468	2.305	16.3	19.7

274299 2008 QM_{22} 11 2.5 45°.54 5°.2/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.01	+32 29.7	2.139	2.907	14.8	20.4
10 8	2 51.34	+32 38.8	2.064	2.916	12.2	20.2
10 18	2 44.50	+32 28.9	2.010	2.925	9.3	20.1
10 28	2 36.23	+31 58.8	1.980	2.934	6.6	19.9
11 7	2 27.52	+31 10.1	1.977	2.944	5.2	19.9
11 17	2 19.41	+30 7.3	2.002	2.953	6.4	19.9
11 27	2 12.84	+28 56.9	2.055	2.963	9.0	20.1
12 7	2 8.46	+27 46.5	2.133	2.973	11.7	20.3

460164 2014 QQ_{23} 11 2.5 78°.36 4°.0/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.71	+28 32.9	2.220	3.003	13.9	20.9
10 8	2 51.72	+28 40.3	2.144	3.011	11.2	20.7
10 18	2 44.69	+28 31.8	2.090	3.020	8.2	20.6
10 28	2 36.29	+28 6.8	2.061	3.028	5.3	20.4
11 7	2 27.47	+27 27.2	2.061	3.036	4.0	20.3
11 17	2 19.19	+26 36.9	2.089	3.045	5.7	20.5
11 27	2 12.36	+25 41.8	2.145	3.053	8.7	20.7
12 7	2 7.60	+24 48.2	2.226	3.061	11.5	20.9

132312 2002 GT_{14} 11 2.5 120°.64 4°.4/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.37	+25 23.2	1.825	2.620	16.0	19.4
10 8	2 58.01	+26 11.7	1.749	2.626	12.8	19.2
10 18	2 48.92	+26 46.2	1.695	2.632	9.2	19.0
10 28	2 37.90	+27 3.9	1.667	2.638	5.7	18.8
11 7	2 26.15	+27 4.6	1.667	2.644	4.5	18.7
11 17	2 15.01	+26 51.1	1.695	2.650	6.9	18.9
11 27	2 5.75	+26 29.1	1.750	2.655	10.5	19.1
12 7	1 59.18	+26 5.5	1.829	2.660	13.8	19.3

443397 2014 HW_{30} 11 2.5 74°.42 2°.8/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.00	+ 9 53.7	1.802	2.650	14.0	21.5
10 8	2 51.33	+ 9 7.5	1.733	2.651	10.5	21.3
10 18	2 44.50	+ 8 15.7	1.687	2.653	6.7	21.1
10 28	2 36.24	+ 7 23.0	1.668	2.655	3.2	20.9
11 7	2 27.53	+ 6 35.3	1.677	2.657	4.1	20.9
11 17	2 19.41	+ 5 58.0	1.714	2.658	7.8	21.1
11 27	2 12.83	+ 5 35.1	1.776	2.660	11.6	21.4
12 7	2 8.43	+ 5 28.7	1.861	2.662	14.8	21.6

156618 2002 GD_{141} 11 2.5 75°.93 0°.7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.20	+15 36.7	2.164	2.996	12.6	20.0
10 8	2 49.61	+14 55.6	2.098	3.008	9.4	19.8
10 18	2 43.24	+14 5.9	2.056	3.020	5.9	19.6
10 28	2 35.74	+13 10.8	2.042	3.031	2.1	19.4
11 7	2 27.95	+12 14.9	2.056	3.043	2.1	19.4
11 17	2 20.70	+11 23.1	2.100	3.055	5.8	19.7
11 27	2 14.77	+10 40.0	2.172	3.067	9.2	19.9
12 7	2 10.67	+10 8.9	2.268	3.078	12.2	20.2

522886 2016 OD_{8} 11 2.5 81°.92 4°.2/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.90	+26 4.5	1.499	2.310	18.2	21.4
10 8	2 56.40	+26 20.1	1.437	2.324	14.5	21.2
10 18	2 47.95	+26 16.0	1.394	2.337	10.2	21.0
10 28	2 37.52	+25 51.4	1.375	2.351	6.0	20.8
11 7	2 26.52	+25 8.6	1.382	2.364	4.3	20.8
11 17	2 16.44	+24 14.0	1.416	2.377	7.3	21.0
11 27	2 8.56	+23 16.3	1.476	2.390	11.4	21.2
12 7	2 3.64	+22 23.9	1.559	2.403	15.1	21.5

155223 2005 VH_{53} 11 2.5 40°.04 3°.5/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.03	+10 33.8	1.303	2.168	17.3	19.5
10 8	2 51.90	+ 9 31.4	1.252	2.179	12.9	19.2
10 18	2 45.05	+ 8 21.2	1.221	2.190	8.1	19.0
10 28	2 36.44	+ 7 10.5	1.215	2.202	4.0	18.8
11 7	2 27.42	+ 6 7.8	1.234	2.214	5.1	18.9
11 17	2 19.30	+ 5 20.7	1.279	2.227	9.5	19.2
11 27	2 13.25	+ 4 54.2	1.348	2.241	13.9	19.5
12 7	2 9.91	+ 4 49.6	1.436	2.254	17.6	19.8

452769 2006 CJ_{44} 11 2.5 180°.30 6°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.09	− 6 25.9	2.887	3.713	9.9	21.9
10 8	2 49.09	− 7 23.2	2.825	3.714	8.1	21.8
10 18	2 42.75	− 8 14.7	2.788	3.715	6.5	21.7
10 28	2 35.55	− 8 55.7	2.780	3.715	6.0	21.6
11 7	2 28.10	− 9 22.6	2.799	3.715	6.8	21.7
11 17	2 21.01	− 9 32.9	2.847	3.714	8.4	21.8
11 27	2 14.89	− 9 25.9	2.920	3.713	10.2	21.9
12 7	2 10.15	− 9 2.5	3.015	3.711	12.0	22.1

520583 2014 NT_{72} 11 2.5 44°.71 0°.9/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.26	+17 36.2	2.068	2.890	13.5	21.2
10 8	2 52.92	+17 49.4	1.992	2.894	10.3	21.0
10 18	2 45.48	+17 54.2	1.940	2.897	6.7	20.8
10 28	2 36.61	+17 51.3	1.914	2.901	2.7	20.5
11 7	2 27.25	+17 42.6	1.917	2.905	1.8	20.5
11 17	2 18.40	+17 31.3	1.949	2.909	5.7	20.7
11 27	2 10.98	+17 21.2	2.009	2.913	9.4	21.0
12 7	2 5.65	+17 16.1	2.094	2.918	12.5	21.2

334922 2003 YA_{124} 11 2.5 321°.15 3°.5/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.67	+ 4 9.5	1.951	2.791	13.4	20.3
10 8	2 54.19	+ 4 17.9	1.860	2.773	10.3	20.0
10 18	2 46.42	+ 4 28.7	1.794	2.754	6.8	19.8
10 28	2 37.01	+ 4 45.1	1.754	2.736	3.9	19.6
11 7	2 26.89	+ 5 9.6	1.742	2.719	4.5	19.6
11 17	2 17.12	+ 5 44.1	1.760	2.701	7.9	19.7
11 27	2 8.76	+ 6 29.8	1.804	2.685	11.6	19.9
12 7	2 2.57	+ 7 26.5	1.872	2.669	14.9	20.1

104943 2000 JQ_{40} 11 2.5 320°.99 2°.2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.25	+ 7 52.7	2.647	3.485	10.4	18.6
10 8	2 48.00	+ 7 35.0	2.558	3.471	7.8	18.4
10 18	2 42.23	+ 7 15.3	2.493	3.456	5.0	18.2
10 28	2 35.42	+ 6 56.4	2.457	3.442	2.5	18.0
11 7	2 28.21	+ 6 41.2	2.450	3.428	3.1	18.0
11 17	2 21.28	+ 6 32.5	2.472	3.415	5.9	18.2
11 27	2 15.31	+ 6 32.6	2.522	3.401	8.8	18.4
12 7	2 10.81	+ 6 42.8	2.597	3.388	11.3	18.5

261859 2006 EF_{43} 11 2.5 238°.37 2°.0/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.53	+ 8 33.8	2.795	3.624	10.2	21.2
10 8	2 50.37	+ 8 13.4	2.703	3.611	7.7	21.0
10 18	2 43.68	+ 7 50.5	2.636	3.597	4.9	20.8
10 28	2 35.94	+ 7 27.6	2.597	3.583	2.4	20.6
11 7	2 27.80	+ 7 7.6	2.590	3.568	2.9	20.6
11 17	2 19.94	+ 6 53.4	2.612	3.554	5.7	20.8
11 27	2 13.03	+ 6 47.3	2.663	3.538	8.5	21.0
12 7	2 7.61	+ 6 51.0	2.740	3.523	11.0	21.1

258872 2002 PH_{182} 11 2.5 206°.52 2°.2/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.73	+ 8 49.2	2.697	3.531	10.3	21.2
10 8	2 49.00	+ 8 12.2	2.616	3.527	7.7	21.0
10 18	2 42.80	+ 7 31.9	2.561	3.523	4.9	20.8
10 28	2 35.61	+ 6 51.6	2.534	3.519	2.5	20.6
11 7	2 28.10	+ 6 14.8	2.537	3.514	3.2	20.7
11 17	2 20.93	+ 5 45.0	2.570	3.509	5.9	20.8
11 27	2 14.76	+ 5 25.0	2.631	3.504	8.7	21.0
12 7	2 10.07	+ 5 16.5	2.717	3.499	11.2	21.2

22993 Aferrari 11 2.5 31°.48 0°.9/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.36	+14 55.8	1.421	2.274	16.8	18.4
10 8	2 52.09	+14 30.3	1.363	2.283	12.7	18.2
10 18	2 45.18	+13 54.1	1.326	2.293	7.9	18.0
10 28	2 36.53	+13 11.1	1.313	2.303	2.8	17.7
11 7	2 27.40	+12 27.0	1.326	2.314	2.8	17.7
11 17	2 19.08	+11 48.2	1.366	2.325	7.7	18.1
11 27	2 12.72	+11 20.5	1.430	2.337	12.2	18.4
12 7	2 9.01	+11 7.6	1.516	2.349	16.0	18.6

72479 2001 DO_{38} 11 2.5 217°.44 8°.2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.65	− 4 20.8	1.840	2.688	13.8	19.4
10 8	2 51.00	− 5 52.3	1.781	2.685	11.1	19.2
10 18	2 44.28	− 7 18.1	1.745	2.683	8.9	19.1
10 28	2 36.18	− 8 29.7	1.736	2.681	8.2	19.0
11 7	2 27.67	− 9 19.9	1.753	2.678	9.4	19.1
11 17	2 19.72	− 9 44.2	1.795	2.675	11.8	19.2
11 27	2 13.26	− 9 41.5	1.860	2.672	14.4	19.4
12 7	2 8.89	− 9 13.7	1.944	2.669	16.8	19.6

468428 2001 PL_{36} 11 2.5 1°.44 0°.8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 40.47	+24 54.1	0.850	1.734	22.4	18.7
10 8	2 41.51	+23 16.5	0.794	1.729	17.3	18.4
10 18	2 39.16	+20 58.7	0.755	1.726	11.3	18.1
10 28	2 34.47	+18 9.2	0.737	1.726	4.5	17.7
11 7	2 29.06	+15 6.2	0.740	1.729	2.8	17.6
11 17	2 24.59	+12 11.9	0.766	1.735	9.6	18.0
11 27	2 22.49	+ 9 46.2	0.812	1.744	15.7	18.4
12 7	2 23.50	+ 7 59.9	0.877	1.755	20.8	18.8

407111 2009 SN_{299} 11 2.5 76°.25 5°.1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.97	− 0 2.8	2.232	3.073	11.9	20.5
10 8	2 50.71	− 0 47.8	2.186	3.093	9.2	20.4
10 18	2 43.83	− 1 29.0	2.163	3.114	6.6	20.2
10 28	2 35.95	− 2 1.8	2.168	3.134	5.2	20.2
11 7	2 27.89	− 2 22.0	2.201	3.154	6.0	20.3
11 17	2 20.41	− 2 27.2	2.263	3.173	8.2	20.5
11 27	2 14.22	− 2 16.2	2.350	3.193	10.7	20.7
12 7	2 9.79	− 1 50.0	2.460	3.213	13.0	20.9

41195 1999 VL_{221} 11 2.5 148.°63 1.°1/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.75	+20 53.9	2.366	3.178	12.3	19.8
10 8	2 50.02	+20 27.5	2.287	3.181	9.5	19.6
10 18	2 43.54	+19 49.6	2.230	3.185	6.2	19.4
10 28	2 35.90	+19 1.8	2.202	3.188	2.7	19.2
11 7	2 27.90	+18 7.7	2.202	3.190	1.7	19.1
11 17	2 20.36	+17 11.7	2.233	3.193	5.1	19.4
11 27	2 14.06	+16 18.9	2.292	3.196	8.4	19.6
12 7	2 9.54	+15 33.9	2.377	3.198	11.3	19.8

446191 2013 FB_{23} 11 2.5 312.°44 0.°3/ 2.8 18

9 28	2 55.89	+17 36.1	1.894	2.725	14.1	21.4
10 8	2 51.35	+17 19.7	1.813	2.721	10.8	21.1
10 18	2 44.60	+16 52.5	1.755	2.717	6.9	20.9
10 28	2 36.34	+16 16.5	1.724	2.712	2.6	20.6
11 7	2 27.53	+15 35.5	1.720	2.708	1.9	20.6
11 17	2 19.21	+14 54.4	1.744	2.704	6.3	20.9
11 27	2 12.40	+14 18.7	1.796	2.700	10.3	21.1
12 7	2 7.76	+13 52.8	1.871	2.697	13.7	21.3

221470 2006 BS_{143} 11 2.5 359.°04 7.°9/27.2 18

9 28	2 52.48	− 3 24.6	1.747	2.604	14.0	19.7
10 8	2 48.71	− 4 46.7	1.691	2.602	11.2	19.5
10 18	2 42.87	− 6 3.1	1.657	2.601	8.8	19.4
10 28	2 35.68	− 7 5.5	1.649	2.601	7.9	19.3
11 7	2 28.09	− 7 47.1	1.667	2.601	9.1	19.4
11 17	2 21.07	− 8 3.6	1.709	2.601	11.6	19.5
11 27	2 15.52	− 7 53.9	1.774	2.602	14.3	19.7
12 7	2 12.04	− 7 19.9	1.858	2.604	16.8	19.9

267158 2000 GN_{142} 11 2.5 246.°47 5.°0/29.9 18

9 28	2 57.53	+ 5 14.9	1.728	2.579	14.4	20.7
10 8	2 52.70	+ 4 7.3	1.650	2.568	11.0	20.4
10 18	2 45.52	+ 2 56.2	1.595	2.556	7.5	20.2
10 28	2 36.70	+ 1 48.5	1.567	2.544	5.1	20.0
11 7	2 27.26	+ 0 51.4	1.566	2.532	6.3	20.1
11 17	2 18.33	+ 0 11.3	1.592	2.519	9.8	20.3
11 27	2 10.98	− 0 7.8	1.642	2.506	13.5	20.5
12 7	2 5.95	− 0 4.8	1.714	2.493	16.8	20.6

400423 2008 CG_{115} 11 2.5 178.°34 18.°5/22.4 17

9 28	3 6.99	−25 38.1	1.330	2.125	20.9	20.5
10 8	3 0.30	−27 34.9	1.301	2.127	19.4	20.4
10 18	2 50.38	−28 59.6	1.288	2.128	18.6	20.3
10 28	2 38.40	−29 38.9	1.293	2.128	18.7	20.4
11 7	2 26.01	−29 26.0	1.317	2.128	19.6	20.4
11 17	2 14.84	−28 21.2	1.359	2.128	21.1	20.5
11 27	2 6.25	−26 31.3	1.417	2.127	22.8	20.7
12 7	2 0.92	−24 7.1	1.488	2.125	24.4	20.8

523324 2017 BQ_{138} 11 2.5 16.°75 2.°5/ 4.7 18

9 28	2 53.78	+24 45.4	1.973	2.784	14.4	20.4
10 8	2 49.70	+24 25.8	1.897	2.787	11.3	20.2
10 18	2 43.52	+23 50.0	1.842	2.790	7.8	20.0
10 28	2 35.94	+22 59.1	1.813	2.794	4.1	19.8
11 7	2 27.93	+21 56.9	1.812	2.797	2.7	19.7
11 17	2 20.47	+20 48.9	1.839	2.802	5.7	19.9
11 27	2 14.50	+19 42.0	1.894	2.807	9.3	20.1
12 7	2 10.63	+18 42.5	1.973	2.812	12.6	20.4

173554 2000 YG_{92} 11 2.5 314.°05 0.°8/ 3.1 18

9 28	2 56.03	+19 25.2	1.258	2.110	18.6	19.8
10 8	2 52.61	+19 2.6	1.178	2.096	14.4	19.5
10 18	2 45.99	+18 21.5	1.118	2.083	9.4	19.2
10 28	2 37.00	+17 23.9	1.081	2.070	3.7	18.8
11 7	2 27.03	+16 15.9	1.069	2.058	2.6	18.7
11 17	2 17.70	+15 6.2	1.082	2.046	8.4	19.0
11 27	2 10.55	+14 5.0	1.118	2.035	13.9	19.3
12 7	2 6.55	+13 20.3	1.174	2.024	18.6	19.5

318430 2005 CL_3 11 2.5 51.°88 2.°4/ 1.0 18

9 28	2 57.58	+10 21.1	1.719	2.566	14.6	20.5
10 8	2 52.66	+ 9 52.8	1.651	2.569	11.0	20.3
10 18	2 45.42	+ 9 19.2	1.606	2.572	6.9	20.1
10 28	2 36.65	+ 8 44.4	1.587	2.575	3.0	19.9
11 7	2 27.39	+ 8 13.2	1.595	2.578	3.7	19.9
11 17	2 18.75	+ 7 50.5	1.631	2.581	7.7	20.2
11 27	2 11.76	+ 7 40.2	1.693	2.584	11.7	20.4
12 7	2 7.08	+ 7 44.2	1.778	2.587	15.0	20.6

149254 2002 TQ_6 11 2.5 334.°07 3.°5/31.9 18

9 28	2 54.02	+ 9 27.4	1.088	1.969	18.8	19.0
10 8	2 51.38	+ 9 5.3	1.015	1.949	14.4	18.7
10 18	2 45.38	+ 8 36.6	0.959	1.931	9.3	18.4
10 28	2 36.83	+ 8 6.9	0.926	1.914	4.3	18.0
11 7	2 27.16	+ 7 43.6	0.915	1.899	5.2	18.0
11 17	2 18.09	+ 7 33.6	0.927	1.884	10.7	18.3
11 27	2 11.27	+ 7 42.6	0.961	1.872	16.2	18.6
12 7	2 7.80	+ 8 12.4	1.012	1.861	21.0	18.8

162825 2001 BO_{61} 11 2.5 94.°11 4.°7/30.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 21.88	+ 7 9.3	1.603	2.410	17.4	21.9
10 8	3 9.90	+ 5 36.5	1.575	2.470	12.9	21.7
10 18	2 55.52	+ 4 2.1	1.574	2.527	8.3	21.6
10 28	2 40.02	+ 2 34.3	1.603	2.581	4.9	21.5
11 7	2 24.93	+ 1 21.4	1.665	2.632	6.0	21.7
11 17	2 11.55	+ 0 28.9	1.759	2.679	9.5	22.0
11 27	2 0.82	− 0 1.0	1.880	2.724	13.0	22.3
12 7	1 53.16	− 0 9.3	2.025	2.766	15.8	22.6

459636 2013 JB_{28} 11 2.6 94.°53 5.°6/29.1 18

9 28	2 57.50	− 3 47.2	2.494	3.323	11.2	21.0
10 8	2 51.69	− 4 22.9	2.447	3.344	8.8	20.9
10 18	2 44.38	− 4 52.7	2.426	3.365	6.7	20.8
10 28	2 36.17	− 5 12.2	2.432	3.385	5.6	20.7
11 7	2 27.81	− 5 18.2	2.467	3.406	6.3	20.8
11 17	2 19.99	− 5 9.1	2.531	3.425	8.2	21.0
11 27	2 13.38	− 4 44.4	2.621	3.445	10.4	21.1
12 7	2 8.42	− 4 5.6	2.733	3.464	12.3	21.3

135638 2002 JJ_{92} 11 2.6 187.°89 1.°5/ 3.6 18

9 28	3 0.34	+21 12.5	1.609	2.433	16.6	20.5
10 8	2 55.11	+20 52.3	1.532	2.433	12.8	20.3
10 18	2 47.15	+20 15.7	1.476	2.432	8.5	20.1
10 28	2 37.32	+19 24.2	1.445	2.431	3.7	19.8
11 7	2 26.84	+18 22.3	1.442	2.430	2.3	19.7
11 17	2 17.06	+17 16.9	1.466	2.428	7.0	20.0
11 27	2 9.18	+16 16.1	1.518	2.426	11.5	20.2
12 7	2 4.01	+15 26.8	1.592	2.424	15.4	20.5

139731 2001 QP_{254} 11 2.6 338.°30 9.°4/27.2 18

9 28	2 54.53	− 5 47.5	1.548	2.405	15.4	18.7
10 8	2 50.60	− 7 0.6	1.487	2.395	12.6	18.5
10 18	2 44.25	− 8 5.1	1.447	2.386	10.3	18.3
10 28	2 36.25	− 8 52.0	1.431	2.378	9.4	18.3
11 7	2 27.70	− 9 13.6	1.439	2.370	10.6	18.3
11 17	2 19.76	− 9 6.2	1.471	2.363	13.2	18.5
11 27	2 13.49	− 8 29.3	1.525	2.356	16.1	18.6
12 7	2 9.62	− 7 26.3	1.597	2.351	18.8	18.8

401723 2013 JD_3 11 2.6 78.°70 1.°5/ 3.7 18

9 28	2 57.63	+20 8.7	2.072	2.888	13.6	20.7
10 8	2 52.43	+20 11.8	2.000	2.896	10.5	20.5
10 18	2 45.17	+20 4.0	1.951	2.905	6.9	20.3
10 28	2 36.55	+19 46.2	1.928	2.913	3.1	20.1
11 7	2 27.48	+19 20.8	1.934	2.921	2.0	20.0
11 17	2 18.97	+18 51.7	1.969	2.929	5.6	20.3
11 27	2 11.91	+18 23.6	2.031	2.938	9.2	20.5
12 7	2 6.93	+18 1.0	2.119	2.946	12.3	20.7

16200 2000 BT_{28} 11 2.6 96.°44 2.°6/31.2 18

9 28	2 54.24	+ 8 17.7	2.390	3.229	11.3	18.2
10 8	2 49.47	+ 7 38.3	2.326	3.239	8.5	18.1
10 18	2 43.12	+ 6 56.2	2.287	3.249	5.4	17.9
10 28	2 35.76	+ 6 15.1	2.275	3.260	2.8	17.7
11 7	2 28.13	+ 5 39.0	2.294	3.270	3.6	17.8
11 17	2 20.97	+ 5 11.4	2.341	3.280	6.4	18.0
11 27	2 14.97	+ 4 55.1	2.416	3.290	9.3	18.2
12 7	2 10.62	+ 4 51.5	2.515	3.300	11.9	18.4

396612 2001 SS_{99} 11 2.6 29.°91 2.°0/31.9 18

9 28	2 54.59	+12 35.0	1.789	2.636	14.2	20.6
10 8	2 50.32	+11 44.8	1.721	2.639	10.6	20.4
10 18	2 43.91	+10 46.4	1.676	2.642	6.6	20.1
10 28	2 36.10	+ 9 44.4	1.657	2.646	2.7	19.9
11 7	2 27.86	+ 8 44.9	1.666	2.649	3.4	20.0
11 17	2 20.21	+ 7 53.8	1.703	2.653	7.4	20.2
11 27	2 14.10	+ 7 16.4	1.766	2.657	11.2	20.5
12 7	2 10.13	+ 6 55.3	1.852	2.662	14.5	20.7

75278 1999 XQ_{19} 11 2.6 30.°53 0.°4/ 2.8 18 R

9 28	2 56.17	+19 30.8	1.198	2.053	19.2	18.5
10 8	2 52.46	+18 50.4	1.140	2.059	14.7	18.3
10 18	2 45.66	+17 50.8	1.101	2.067	9.4	18.0
10 28	2 36.79	+16 36.2	1.086	2.075	3.5	17.7
11 7	2 27.34	+15 14.9	1.095	2.083	2.5	17.7
11 17	2 18.86	+13 56.8	1.129	2.093	8.3	18.0
11 27	2 12.68	+12 51.7	1.187	2.102	13.4	18.4
12 7	2 9.54	+12 6.0	1.266	2.113	17.7	18.7

389474 2010 ET_{70} 11 2.6 91.°17 5.°6/ 5.9 18

9 28	3 4.30	+28 37.2	1.812	2.595	16.6	21.0
10 8	2 58.07	+29 32.1	1.740	2.605	13.5	20.9
10 18	2 49.03	+30 10.3	1.688	2.614	10.1	20.7
10 28	2 38.02	+30 28.6	1.662	2.623	6.9	20.5
11 7	2 26.29	+30 26.2	1.663	2.633	5.6	20.5
11 17	2 15.22	+30 6.2	1.692	2.642	7.4	20.6
11 27	2 6.09	+29 34.8	1.748	2.651	10.6	20.8
12 7	1 59.73	+28 59.8	1.827	2.660	13.7	21.0

333356 2001 UK_{188} 11 2.6 6°.32 3°.0/31.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 51.17	+12 17.4	1.030	1.915	19.3	19.7
10 8	2 48.98	+11 27.0	0.977	1.914	14.5	19.4
10 18	2 43.62	+10 24.7	0.943	1.916	9.1	19.1
10 28	2 36.08	+ 9 18.4	0.930	1.919	3.9	18.8
11 7	2 27.89	+ 8 17.6	0.940	1.925	4.9	18.9
11 17	2 20.62	+ 7 31.6	0.973	1.931	10.2	19.2
11 27	2 15.66	+ 7 7.1	1.028	1.940	15.4	19.5
12 7	2 13.78	+ 7 6.5	1.101	1.949	19.7	19.8

157654 2005 YT_{32} 11 2.6 129°.43 3°.0/30.7 18

9 28	2 54.51	+ 6 10.3	2.611	3.447	10.6	20.5
10 8	2 49.53	+ 5 28.5	2.546	3.457	7.9	20.4
10 18	2 43.10	+ 4 45.5	2.508	3.468	5.2	20.2
10 28	2 35.75	+ 4 4.9	2.497	3.478	3.1	20.1
11 7	2 28.15	+ 3 30.4	2.517	3.487	3.9	20.2
11 17	2 20.99	+ 3 5.4	2.566	3.497	6.4	20.4
11 27	2 14.89	+ 2 52.0	2.643	3.506	9.0	20.5
12 7	2 10.32	+ 2 51.2	2.744	3.515	11.3	20.7

473460 2015 XQ_{56} 11 2.6 292°.63 5°.2/29.5 18

9 28	2 55.13	+ 0 48.4	2.123	2.968	12.3	21.0
10 8	2 50.47	+ 0 4.7	2.046	2.958	9.6	20.8
10 18	2 43.93	− 0 37.0	1.993	2.947	6.8	20.7
10 28	2 36.12	− 1 11.3	1.967	2.936	5.3	20.5
11 7	2 27.84	− 1 33.7	1.969	2.926	6.2	20.6
11 17	2 19.97	− 1 40.4	1.999	2.915	8.8	20.7
11 27	2 13.36	− 1 29.6	2.054	2.905	11.7	20.9
12 7	2 8.60	− 1 1.6	2.131	2.895	14.4	21.1

95413 2002 CB_{220} 11 2.6 30°.83 9°.4/27.1 18

9 28	2 53.70	− 1 40.4	1.279	2.152	17.0	17.8
10 8	2 50.09	− 3 35.9	1.241	2.164	13.5	17.6
10 18	2 43.90	− 5 24.8	1.225	2.176	10.5	17.5
10 28	2 36.09	− 6 55.0	1.232	2.189	9.4	17.5
11 7	2 27.94	− 7 56.8	1.263	2.202	10.9	17.6
11 17	2 20.69	− 8 25.0	1.317	2.217	13.8	17.8
11 27	2 15.41	− 8 19.3	1.391	2.232	16.9	18.1
12 7	2 12.69	− 7 43.7	1.484	2.247	19.6	18.3

11720 Horodyskyj 11 2.6 171°.34 2°.9/31.4 18

9 28	2 57.04	+ 9 36.8	1.847	2.692	13.9	18.3
10 8	2 52.11	+ 8 47.9	1.776	2.693	10.4	18.1
10 18	2 45.02	+ 7 53.4	1.729	2.694	6.6	17.8
10 28	2 36.52	+ 6 58.3	1.709	2.695	3.3	17.6
11 7	2 27.56	+ 6 8.4	1.717	2.696	4.2	17.7
11 17	2 19.18	+ 5 29.0	1.753	2.696	7.8	17.9
11 27	2 12.32	+ 5 4.4	1.816	2.696	11.5	18.2
12 7	2 7.62	+ 4 56.4	1.900	2.696	14.7	18.4

170007 Strateva 11 2.6 101°.33 3°.0/31.1 18

9 28	2 56.43	+ 9 51.1	1.943	2.786	13.4	20.8
10 8	2 51.39	+ 8 46.9	1.885	2.801	10.0	20.7
10 18	2 44.42	+ 7 37.5	1.852	2.816	6.3	20.5
10 28	2 36.25	+ 6 28.2	1.846	2.831	3.2	20.3
11 7	2 27.80	+ 5 25.3	1.869	2.846	4.2	20.4
11 17	2 20.01	+ 4 34.0	1.920	2.860	7.5	20.6
11 27	2 13.69	+ 3 58.4	1.998	2.874	10.9	20.9
12 7	2 9.37	+ 3 40.2	2.099	2.887	13.8	21.1

263950 2009 HB_{94} 11 2.6 210°.22 1°.9/ 4.5 18

9 28	2 56.31	+24 57.3	2.426	3.219	12.6	21.3
10 8	2 51.26	+24 15.0	2.332	3.214	9.9	21.1
10 18	2 44.37	+23 17.2	2.262	3.207	6.7	20.9
10 28	2 36.26	+22 5.3	2.220	3.201	3.4	20.7
11 7	2 27.75	+20 43.2	2.207	3.193	2.1	20.6
11 17	2 19.69	+19 16.3	2.225	3.186	5.1	20.8
11 27	2 12.90	+17 51.3	2.273	3.177	8.4	21.0
12 7	2 7.94	+16 34.1	2.348	3.169	11.5	21.2

290158 2005 QC_{188} 11 2.6 70°.90 0°.4/ 2.3 18

9 28	2 56.75	+15 17.9	1.963	2.796	13.7	20.9
10 8	2 51.80	+15 1.7	1.893	2.803	10.3	20.7
10 18	2 44.79	+14 37.3	1.847	2.809	6.5	20.5
10 28	2 36.43	+14 7.0	1.827	2.816	2.3	20.2
11 7	2 27.64	+13 34.6	1.835	2.823	2.0	20.2
11 17	2 19.42	+13 4.3	1.873	2.830	6.2	20.5
11 27	2 12.67	+12 40.7	1.937	2.837	9.9	20.7
12 7	2 8.01	+12 26.9	2.026	2.844	13.1	21.0

158279 2001 UQ_{28} 11 2.6 322°.55 2°.0/ 1.5 18

9 28	2 56.37	+11 55.5	1.323	2.186	17.3	19.7
10 8	2 52.65	+11 36.4	1.244	2.170	13.2	19.4
10 18	2 45.94	+11 8.9	1.186	2.154	8.3	19.1
10 28	2 37.00	+10 37.0	1.150	2.140	3.3	18.8
11 7	2 27.12	+10 6.4	1.140	2.126	3.8	18.8
11 17	2 17.79	+ 9 43.5	1.155	2.113	9.1	19.0
11 27	2 10.45	+ 9 34.1	1.194	2.100	14.2	19.3
12 7	2 6.06	+ 9 41.5	1.253	2.088	18.6	19.5

438507 2007 RG_{70} 11 2.6 305°.17 1°.3/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 47.44	+ 9 40.8	4.189	5.018	7.0	21.1
10 8	2 43.88	+ 9 16.5	4.105	5.015	5.2	21.0
10 18	2 39.44	+ 8 50.0	4.048	5.011	3.3	20.9
10 28	2 34.43	+ 8 23.3	4.021	5.007	1.5	20.7
11 7	2 29.23	+ 7 58.3	4.024	5.003	1.9	20.7
11 17	2 24.22	+ 7 36.9	4.057	5.000	3.8	20.9
11 27	2 19.79	+ 7 20.9	4.120	4.996	5.7	21.0
12 7	2 16.25	+ 7 11.5	4.209	4.992	7.5	21.2

124768 2001 SB_{243} 11 2.6 96°.89 0°.8/ 2.0 18

9 28	3 1.09	+14 40.2	1.654	2.490	15.6	20.4
10 8	2 55.24	+14 15.3	1.597	2.508	11.8	20.2
10 18	2 46.98	+13 41.2	1.563	2.527	7.3	20.0
10 28	2 37.20	+13 1.3	1.555	2.545	2.6	19.8
11 7	2 27.08	+12 20.5	1.575	2.562	2.6	19.8
11 17	2 17.79	+11 44.2	1.623	2.579	7.1	20.1
11 27	2 10.37	+11 17.6	1.698	2.596	11.2	20.4
12 7	2 5.44	+11 3.8	1.796	2.612	14.6	20.7

393015 2012 XE_{150} 11 2.6 50°.24 0°.9/ 3.2 18

9 28	2 57.00	+19 51.6	1.628	2.461	16.0	20.6
10 8	2 52.45	+19 27.2	1.559	2.466	12.3	20.4
10 18	2 45.40	+18 48.0	1.511	2.470	7.9	20.1
10 28	2 36.69	+17 56.4	1.488	2.475	3.2	19.9
11 7	2 27.46	+16 57.5	1.492	2.480	2.1	19.8
11 17	2 18.92	+15 57.7	1.524	2.485	6.7	20.1
11 27	2 12.18	+15 4.3	1.582	2.491	11.1	20.4
12 7	2 7.94	+14 23.1	1.662	2.496	14.8	20.6

18505 Caravelli 11 2.6 136°.12 1°.4/ 1.6 18

9 28	3 0.53	+14 43.8	1.589	2.429	16.0	18.7
10 8	2 55.00	+13 56.8	1.525	2.438	12.1	18.5
10 18	2 46.94	+12 58.7	1.483	2.447	7.5	18.2
10 28	2 37.22	+11 54.0	1.466	2.456	2.7	18.0
11 7	2 27.06	+10 49.4	1.478	2.464	3.1	18.0
11 17	2 17.69	+ 9 51.8	1.518	2.472	7.7	18.3
11 27	2 10.21	+ 9 7.6	1.584	2.479	12.0	18.6
12 7	2 5.30	+ 8 40.3	1.672	2.485	15.7	18.9

204998 1996 VV_{13} 11 2.6 22°.49 0°.4/ 2.3 18

9 28	2 57.49	+15 49.8	1.546	2.390	16.1	19.5
10 8	2 52.92	+15 29.4	1.477	2.392	12.2	19.3
10 18	2 45.76	+14 58.0	1.430	2.394	7.7	19.0
10 28	2 36.84	+14 18.5	1.407	2.397	2.8	18.7
11 7	2 27.34	+13 35.9	1.412	2.399	2.4	18.7
11 17	2 18.53	+12 56.2	1.443	2.402	7.4	19.0
11 27	2 11.56	+12 25.4	1.500	2.405	11.8	19.3
12 7	2 7.17	+12 7.8	1.579	2.409	15.6	19.6

224895 2007 CV_{21} 11 2.6 206°.21 2°.4/ 4.3 18

9 28	2 59.16	+23 47.3	1.763	2.575	15.8	20.3
10 8	2 54.09	+23 31.3	1.681	2.573	12.4	20.1
10 18	2 46.48	+22 58.1	1.620	2.570	8.5	19.9
10 28	2 37.11	+22 8.2	1.585	2.567	4.3	19.6
11 7	2 27.11	+21 5.4	1.577	2.563	2.7	19.5
11 17	2 17.72	+19 55.9	1.597	2.559	6.5	19.8
11 27	2 10.08	+18 47.7	1.645	2.555	10.7	20.0
12 7	2 4.96	+17 48.3	1.716	2.550	14.4	20.2

62808 2000 UQ_{40} 11 2.6 330°.48 1°.7/ 1.3 18

9 28	2 54.87	+12 5.4	1.890	2.735	13.6	19.1
10 8	2 50.54	+11 37.1	1.813	2.729	10.3	18.8
10 18	2 44.10	+11 2.1	1.758	2.724	6.4	18.6
10 28	2 36.22	+10 23.8	1.730	2.719	2.5	18.3
11 7	2 27.82	+ 9 47.0	1.730	2.714	3.0	18.4
11 17	2 19.91	+ 9 16.3	1.758	2.710	7.0	18.6
11 27	2 13.42	+ 8 56.0	1.812	2.706	10.8	18.8
12 7	2 9.03	+ 8 49.0	1.889	2.702	14.1	19.0

137298 1999 RF_{226} 11 2.6 356°.64 2°.5/ 4.2 18

9 28	2 55.65	+23 24.5	1.225	2.069	19.5	19.3
10 8	2 52.30	+23 3.1	1.157	2.067	15.3	19.0
10 18	2 45.73	+22 18.7	1.107	2.065	10.3	18.8
10 28	2 36.90	+21 12.8	1.079	2.064	5.0	18.5
11 7	2 27.30	+19 51.4	1.076	2.064	3.0	18.3
11 17	2 18.54	+18 24.4	1.098	2.064	8.0	18.6
11 27	2 12.08	+17 3.4	1.143	2.065	13.2	18.9
12 7	2 8.78	+15 57.8	1.210	2.066	17.7	19.2

47767 2000 DR_{103} 11 2.6 57°.16 2°.6/31.9 18

9 28	2 57.37	+ 9 50.0	1.711	2.560	14.6	18.2
10 8	2 52.44	+ 9 19.8	1.651	2.569	11.0	18.0
10 18	2 45.25	+ 8 44.8	1.613	2.578	6.9	17.8
10 28	2 36.61	+ 8 9.5	1.601	2.588	3.1	17.6
11 7	2 27.56	+ 7 38.9	1.616	2.598	3.8	17.7
11 17	2 19.20	+ 7 17.4	1.660	2.608	7.7	17.9
11 27	2 12.49	+ 7 8.8	1.729	2.618	11.5	18.2
12 7	2 8.07	+ 7 14.6	1.820	2.628	14.8	18.4

44543 1999 AG_{23} 11 2.6 323°.49 8°.5/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.37	+39 31.2	1.938	2.677	17.1	17.7
10 8	2 51.68	+40 1.6	1.838	2.657	14.9	17.5
10 18	2 45.24	+40 8.0	1.755	2.637	12.4	17.3
10 28	2 36.75	+39 45.9	1.695	2.618	10.0	17.1
11 7	2 27.36	+38 53.8	1.659	2.599	8.6	17.0
11 17	2 18.43	+37 34.8	1.648	2.581	9.1	17.0
11 27	2 11.29	+35 56.8	1.662	2.564	11.2	17.0
12 7	2 6.84	+34 10.3	1.701	2.547	13.9	17.2

105769 2000 SW_{107} 11 2.6 306°.73 1°.8/ 1.4 18

9 28	2 55.29	+15 15.8	1.253	2.115	18.1	19.5
10 8	2 51.98	+14 19.2	1.174	2.100	13.8	19.1
10 18	2 45.58	+13 5.7	1.115	2.085	8.7	18.8
10 28	2 36.90	+11 40.7	1.080	2.070	3.2	18.5
11 7	2 27.30	+10 13.3	1.069	2.055	3.9	18.5
11 17	2 18.32	+ 8 54.1	1.084	2.041	9.6	18.8
11 27	2 11.43	+ 7 53.0	1.122	2.028	14.9	19.0
12 7	2 7.58	+ 7 15.8	1.179	2.015	19.5	19.3

318188 2004 RL_{100} 11 2.6 4°.70 2°.8/31.7 18

9 28	2 54.03	+12 37.0	1.349	2.213	16.9	20.0
10 8	2 50.54	+11 32.1	1.285	2.212	12.7	19.7
10 18	2 44.36	+10 15.7	1.243	2.212	7.9	19.5
10 28	2 36.36	+ 8 54.8	1.225	2.213	3.5	19.2
11 7	2 27.79	+ 7 38.2	1.232	2.215	4.5	19.3
11 17	2 19.98	+ 6 34.5	1.266	2.217	9.2	19.6
11 27	2 14.09	+ 5 50.7	1.323	2.220	13.8	19.8
12 7	2 10.87	+ 5 29.6	1.400	2.224	17.6	20.1

384315 2009 SP_{158} 11 2.6 341°.88 4°.5/ 4.8 18

9 28	3 0.25	+24 8.6	1.350	2.178	18.9	20.4
10 8	2 55.80	+24 49.3	1.275	2.173	15.1	20.2
10 18	2 48.04	+25 13.1	1.220	2.168	10.7	19.9
10 28	2 37.81	+25 17.3	1.187	2.164	6.3	19.6
11 7	2 26.58	+25 2.4	1.179	2.161	4.7	19.5
11 17	2 16.02	+24 32.9	1.196	2.158	8.1	19.7
11 27	2 7.72	+23 56.7	1.238	2.156	12.7	20.0
12 7	2 2.69	+23 22.9	1.301	2.154	16.9	20.2

93984 2000 XT_{12} 11 2.6 40°.12 1°.8/ 3.4 18

9 28	3 3.58	+17 29.9	1.284	2.127	18.9	17.4
10 8	2 57.84	+18 12.0	1.235	2.146	14.5	17.2
10 18	2 48.96	+18 42.9	1.206	2.167	9.4	17.0
10 28	2 38.02	+19 1.8	1.201	2.188	4.1	16.8
11 7	2 26.55	+19 10.3	1.221	2.209	2.7	16.7
11 17	2 16.17	+19 12.3	1.268	2.232	7.6	17.1
11 27	2 8.21	+19 13.4	1.340	2.254	12.3	17.4
12 7	2 3.42	+19 18.7	1.434	2.278	16.2	17.7

490926 2011 CP_{57} 11 2.6 2°.36 1°.3/ 1.5 17

9 28	2 53.87	+12 49.0	2.150	2.989	12.4	21.6
10 8	2 49.52	+12 18.4	2.075	2.989	9.3	21.4
10 18	2 43.34	+11 41.2	2.024	2.989	5.8	21.2
10 28	2 35.94	+11 0.7	2.000	2.989	2.2	20.9
11 7	2 28.15	+10 21.0	2.004	2.989	2.6	21.0
11 17	2 20.81	+ 9 46.4	2.038	2.990	6.2	21.2
11 27	2 14.73	+ 9 20.9	2.098	2.990	9.6	21.4
12 7	2 10.48	+ 9 7.0	2.183	2.991	12.6	21.6

284776 2008 XC_{3} 11 2.6 312°.57 6°.5/ 7.5 18

9 28	2 56.82	+33 17.0	1.650	2.433	18.0	19.8
10 8	2 52.87	+33 28.0	1.561	2.422	15.0	19.5
10 18	2 46.01	+33 14.2	1.492	2.411	11.6	19.3
10 28	2 37.05	+32 32.8	1.444	2.401	8.3	19.1
11 7	2 27.24	+31 24.7	1.422	2.390	6.5	19.0
11 17	2 18.03	+29 55.5	1.426	2.381	8.0	19.0
11 27	2 10.79	+28 15.5	1.456	2.371	11.4	19.2
12 7	2 6.41	+26 36.0	1.509	2.362	15.0	19.4

15986 Fienga 11 2.6 293°.06 0°.4/ 2.3 18

9 28	2 55.85	+16 24.8	1.823	2.660	14.4	18.9
10 8	2 51.64	+15 55.6	1.724	2.635	11.0	18.7
10 18	2 45.04	+15 14.6	1.647	2.611	7.0	18.4
10 28	2 36.68	+14 24.2	1.597	2.586	2.5	18.1
11 7	2 27.53	+13 28.9	1.574	2.562	2.3	18.0
11 17	2 18.71	+12 34.8	1.579	2.537	7.0	18.2
11 27	2 11.35	+11 48.5	1.610	2.512	11.4	18.4
12 7	2 6.28	+11 15.0	1.665	2.488	15.3	18.6

112411 2002 NN_{41} 11 2.6 73°.75 7°.2/ 8.4 18

9 28	3 3.35	+35 23.8	1.797	2.552	17.7	19.7
10 8	2 57.29	+35 58.0	1.738	2.576	14.8	19.6
10 18	2 48.46	+36 8.6	1.699	2.600	11.6	19.4
10 28	2 37.83	+35 52.7	1.683	2.624	8.7	19.3
11 7	2 26.74	+35 11.2	1.693	2.648	7.2	19.3
11 17	2 16.58	+34 9.1	1.730	2.671	8.1	19.4
11 27	2 8.56	+32 55.1	1.793	2.694	10.5	19.6
12 7	2 3.36	+31 38.8	1.880	2.717	13.2	19.8

171317 2006 HQ_{63} 11 2.6 129°.08 1°.2/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 3.25	+13 44.2	1.559	2.397	16.4	21.4
10 8	2 57.12	+13 21.8	1.497	2.409	12.3	21.2
10 18	2 48.33	+12 50.6	1.457	2.421	7.7	21.0
10 28	2 37.79	+12 13.9	1.442	2.432	2.8	20.7
11 7	2 26.78	+11 36.8	1.456	2.442	2.9	20.8
11 17	2 16.61	+11 4.8	1.497	2.452	7.7	21.1
11 27	2 8.44	+10 43.2	1.565	2.462	12.0	21.4
12 7	2 2.97	+10 35.1	1.655	2.471	15.7	21.6

361057 2005 YB_{85} 11 2.6 37°.07 4°.9/30.1 18

9 28	2 56.31	+ 1 42.0	2.012	2.858	12.9	20.5
10 8	2 51.36	+ 1 6.0	1.949	2.861	9.9	20.3
10 18	2 44.49	+ 0 32.3	1.909	2.865	6.9	20.1
10 28	2 36.37	+ 0 5.8	1.896	2.868	5.0	20.0
11 7	2 27.88	− 0 9.1	1.911	2.872	5.9	20.1
11 17	2 19.92	− 0 9.2	1.953	2.876	8.6	20.2
11 27	2 13.35	+ 0 6.8	2.021	2.880	11.5	20.4
12 7	2 8.72	+ 0 38.7	2.111	2.884	14.2	20.6

257533 Iquique 11 2.6 246°.90 18°.2/12.6 17

9 28	3 13.30	+48 48.3	1.275	1.978	26.0	20.1
10 8	3 8.42	+51 10.4	1.202	1.971	23.9	19.9
10 18	2 57.74	+53 2.0	1.142	1.963	21.7	19.7
10 28	2 41.88	+54 6.8	1.097	1.955	19.7	19.5
11 7	2 23.22	+54 12.4	1.070	1.947	18.4	19.4
11 17	2 5.31	+53 15.9	1.061	1.939	18.3	19.4
11 27	1 51.62	+51 28.4	1.072	1.930	19.5	19.5
12 7	1 44.02	+49 10.5	1.100	1.921	21.6	19.6

480217 2015 GW_{28} 11 2.6 163°.84 0°.7/ 3.1 16

9 28	3 1.43	+18 41.9	1.924	2.742	14.5	22.3
10 8	2 55.47	+18 28.3	1.848	2.747	11.1	22.1
10 18	2 47.20	+18 3.1	1.795	2.752	7.2	21.9
10 28	2 37.39	+17 28.0	1.769	2.757	2.9	21.6
11 7	2 27.08	+16 46.5	1.772	2.760	1.9	21.6
11 17	2 17.38	+16 3.5	1.804	2.763	6.2	21.9
11 27	2 9.32	+15 24.7	1.864	2.766	10.1	22.1
12 7	2 3.57	+14 54.9	1.949	2.767	13.6	22.3

318036 2004 EU_{53} 11 2.6 248°.78 4°.4/29.9 18

9 28	2 55.68	+ 4 9.5	2.144	2.987	12.3	21.0
10 8	2 50.93	+ 3 13.2	2.062	2.976	9.4	20.8
10 18	2 44.28	+ 2 15.5	2.005	2.963	6.4	20.6
10 28	2 36.33	+ 1 21.6	1.975	2.951	4.5	20.4
11 7	2 27.90	+ 0 36.9	1.974	2.938	5.5	20.5
11 17	2 19.86	+ 0 6.1	2.001	2.925	8.4	20.6
11 27	2 13.06	− 0 7.7	2.054	2.911	11.5	20.8
12 7	2 8.12	− 0 3.7	2.130	2.898	14.3	21.0

74161 1998 QF_{101} 11 2.6 28°.21 0°.7/ 2.2 18

9 28	2 57.19	+14 16.6	1.291	2.150	17.8	18.5
10 8	2 52.93	+14 8.6	1.241	2.164	13.4	18.3
10 18	2 45.84	+13 50.8	1.211	2.178	8.4	18.1
10 28	2 36.91	+13 26.8	1.204	2.194	3.0	17.8
11 7	2 27.51	+13 1.5	1.223	2.210	2.8	17.8
11 17	2 19.05	+12 40.6	1.267	2.228	7.9	18.2
11 27	2 12.72	+12 29.2	1.335	2.246	12.6	18.5
12 7	2 9.23	+12 30.5	1.425	2.265	16.5	18.8

100544 1997 ET_{28} 11 2.6 149°.73 0°.9/ 3.2 18

9 28	3 1.37	+19 6.1	1.818	2.638	15.1	20.9
10 8	2 55.52	+18 52.2	1.746	2.646	11.6	20.7
10 18	2 47.27	+18 25.9	1.696	2.653	7.5	20.5
10 28	2 37.42	+17 48.8	1.673	2.660	3.0	20.2
11 7	2 27.08	+17 4.9	1.678	2.666	2.0	20.2
11 17	2 17.41	+16 19.3	1.712	2.672	6.4	20.5
11 27	2 9.47	+15 38.1	1.774	2.677	10.5	20.7
12 7	2 3.95	+15 6.5	1.859	2.682	14.0	21.0

393780 2005 JG_{28} 11 2.6 73°.30 5°.7/29.6 18

9 28	2 57.07	+ 1 5.9	1.826	2.675	13.8	20.2
10 8	2 52.04	+ 0 14.1	1.770	2.683	10.7	20.1
10 18	2 44.95	− 0 34.9	1.737	2.692	7.6	19.9
10 28	2 36.54	− 1 15.1	1.731	2.700	5.8	19.8
11 7	2 27.79	− 1 41.0	1.752	2.709	6.7	19.9
11 17	2 19.68	− 1 49.0	1.799	2.718	9.5	20.1
11 27	2 13.10	− 1 37.7	1.872	2.726	12.5	20.3
12 7	2 8.64	− 1 8.0	1.966	2.735	15.3	20.5

238575 2004 XR_{121} 11 2.6 335°.31 1°.3/ 3.4 18

9 28	2 57.18	+19 6.2	1.484	2.324	16.9	20.2
10 8	2 53.03	+19 7.2	1.407	2.317	13.1	19.9
10 18	2 46.06	+18 54.7	1.350	2.311	8.6	19.7
10 28	2 37.08	+18 29.6	1.317	2.305	3.6	19.4
11 7	2 27.31	+17 55.5	1.311	2.299	2.4	19.3
11 17	2 18.14	+17 18.0	1.331	2.294	7.3	19.6
11 27	2 10.89	+16 43.9	1.376	2.290	12.0	19.8
12 7	2 6.40	+16 19.5	1.443	2.286	16.1	20.1

231256 2005 YX_{191} 11 2.6 95°.88 3°.3/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 59.12	+ 8 16.7	1.671	2.519	15.0	20.4
10 8	2 53.81	+ 7 40.2	1.611	2.528	11.3	20.1
10 18	2 46.17	+ 7 0.1	1.573	2.537	7.2	19.9
10 28	2 37.02	+ 6 21.4	1.561	2.546	3.7	19.7
11 7	2 27.44	+ 5 49.4	1.576	2.555	4.5	19.8
11 17	2 18.57	+ 5 28.8	1.620	2.563	8.3	20.1
11 27	2 11.44	+ 5 23.1	1.688	2.572	12.1	20.3
12 7	2 6.68	+ 5 33.3	1.779	2.580	15.4	20.6

138001 2000 CV_{82} 11 2.6 230°.31 0°.8/ 2.0 18

9 28	2 59.67	+14 53.3	1.807	2.640	14.6	20.6
10 8	2 54.39	+14 26.4	1.721	2.631	11.2	20.4
10 18	2 46.69	+13 49.6	1.658	2.621	7.0	20.1
10 28	2 37.28	+13 5.8	1.621	2.611	2.5	19.8
11 7	2 27.19	+12 19.5	1.613	2.600	2.5	19.8
11 17	2 17.59	+11 36.3	1.633	2.589	7.1	20.1
11 27	2 9.59	+11 1.9	1.681	2.577	11.4	20.3
12 7	2 3.97	+10 40.5	1.751	2.565	15.0	20.5

160663 1999 XK_{259} 11 2.6 336°.23 9°.2/26.9 18

9 28	2 53.57	− 3 13.2	1.448	2.314	15.8	18.8
10 8	2 50.06	− 4 48.2	1.388	2.305	12.8	18.6
10 18	2 44.04	− 6 18.0	1.349	2.296	10.2	18.4
10 28	2 36.30	− 7 32.2	1.334	2.287	9.2	18.3
11 7	2 27.98	− 8 21.4	1.344	2.280	10.7	18.4
11 17	2 20.28	− 8 40.0	1.376	2.273	13.5	18.6
11 27	2 14.32	− 8 26.4	1.430	2.267	16.7	18.7
12 7	2 10.84	− 7 43.5	1.502	2.262	19.6	18.9

470528 2008 CQ_{212} 11 2.6 108°.99 4°.7/30.4 16

9 28	2 59.23	+ 6 59.2	1.520	2.374	15.9	21.8
10 8	2 54.01	+ 5 46.5	1.466	2.386	12.0	21.6
10 18	2 46.33	+ 4 30.0	1.434	2.397	7.8	21.4
10 28	2 37.07	+ 3 17.3	1.428	2.408	4.9	21.3
11 7	2 27.43	+ 2 16.3	1.448	2.419	6.1	21.4
11 17	2 18.62	+ 1 33.4	1.496	2.430	9.8	21.6
11 27	2 11.69	+ 1 12.3	1.568	2.440	13.6	21.9
12 7	2 7.27	+ 1 13.3	1.661	2.450	16.8	22.1

514614 2003 WD_{61} 11 2.6 328°.78 1°.5/ 1.8 18

9 28	2 56.43	+12 15.3	1.461	2.317	16.3	20.9
10 8	2 52.48	+12 6.6	1.381	2.303	12.4	20.7
10 18	2 45.75	+11 50.7	1.322	2.289	7.9	20.4
10 28	2 37.00	+11 30.7	1.287	2.276	3.0	20.0
11 7	2 27.40	+11 11.1	1.277	2.264	3.2	20.0
11 17	2 18.31	+10 57.0	1.294	2.252	8.2	20.3
11 27	2 11.04	+10 53.4	1.336	2.242	13.0	20.5
12 7	2 6.49	+11 3.3	1.398	2.232	17.1	20.8

460045 2014 OL_{192} 11 2.6 335°.90 2°.1/ 4.1 17

9 28	2 56.74	+20 59.5	2.065	2.881	13.7	20.6
10 8	2 52.00	+21 17.0	1.980	2.875	10.7	20.4
10 18	2 45.10	+21 23.9	1.918	2.869	7.2	20.1
10 28	2 36.69	+21 20.1	1.881	2.864	3.6	19.9
11 7	2 27.67	+21 7.1	1.873	2.859	2.4	19.8
11 17	2 19.06	+20 48.1	1.893	2.854	5.7	20.0
11 27	2 11.85	+20 27.7	1.941	2.850	9.4	20.2
12 7	2 6.74	+20 10.4	2.013	2.846	12.6	20.4

406769 2008 LL_{8} 11 2.6 150°.41 4°.9/29.3 18

9 28	2 54.95	+ 1 27.9	2.280	3.122	11.7	21.2
10 8	2 50.14	+ 0 33.2	2.215	3.125	9.0	21.0
10 18	2 43.65	− 0 19.8	2.175	3.128	6.4	20.9
10 28	2 36.08	− 1 6.3	2.163	3.131	4.9	20.8
11 7	2 28.19	− 1 41.3	2.179	3.134	5.8	20.8
11 17	2 20.76	− 2 1.5	2.223	3.136	8.2	21.0
11 27	2 14.52	− 2 4.8	2.293	3.139	10.9	21.2
12 7	2 10.01	− 1 51.5	2.386	3.141	13.3	21.3

378083 2006 UH_{85} 11 2.6 300°.50 0°.9/ 3.1 18

9 28	2 57.72	+18 56.0	1.391	2.235	17.6	21.3
10 8	2 53.69	+18 42.0	1.309	2.222	13.7	21.0
10 18	2 46.64	+18 12.4	1.247	2.209	8.9	20.7
10 28	2 37.35	+17 28.7	1.208	2.196	3.6	20.4
11 7	2 27.13	+16 35.5	1.195	2.184	2.4	20.2
11 17	2 17.48	+15 40.2	1.208	2.172	7.9	20.6
11 27	2 9.85	+14 51.2	1.246	2.160	13.1	20.8
12 7	2 5.18	+14 15.5	1.305	2.148	17.5	21.1

364109 2006 AC_{1} 11 2.6 63°.91 2°.7/ 5.0 18

9 28	2 55.67	+25 23.4	2.104	2.906	14.0	20.7
10 8	2 51.01	+25 10.5	2.032	2.915	11.0	20.5
10 18	2 44.34	+24 42.2	1.981	2.925	7.6	20.4
10 28	2 36.35	+23 59.4	1.957	2.935	4.2	20.2
11 7	2 27.98	+23 5.2	1.961	2.945	2.8	20.1
11 17	2 20.19	+22 4.5	1.993	2.954	5.5	20.3
11 27	2 13.85	+21 3.7	2.054	2.964	8.8	20.5
12 7	2 9.55	+20 8.5	2.140	2.975	11.9	20.7

460314 2014 QU_{396} 11 2.6 19°.44 0°.1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.11	+16 15.3	1.954	2.790	13.6	21.4
10 8	2 49.90	+15 54.9	1.884	2.794	10.3	21.2
10 18	2 43.68	+15 25.3	1.836	2.799	6.5	20.9
10 28	2 36.13	+14 48.9	1.815	2.804	2.3	20.7
11 7	2 28.17	+14 9.8	1.822	2.810	1.9	20.7
11 17	2 20.73	+13 32.6	1.857	2.816	6.0	21.0
11 27	2 14.71	+13 2.0	1.919	2.823	9.8	21.2
12 7	2 10.71	+12 41.7	2.005	2.829	13.0	21.4

50391 2000 CK_{93} 11 2.6 161°.80 4°.5/29.9 18

9 28	2 56.24	+ 3 48.6	2.112	2.955	12.4	18.7
10 8	2 51.25	+ 2 51.3	2.046	2.958	9.5	18.5
10 18	2 44.41	+ 1 53.6	2.004	2.961	6.5	18.4
10 28	2 36.38	+ 1 0.8	1.989	2.964	4.6	18.3
11 7	2 27.98	+ 0 18.4	2.004	2.966	5.5	18.3
11 17	2 20.10	− 0 9.6	2.046	2.968	8.3	18.5
11 27	2 13.54	− 0 20.5	2.115	2.970	11.3	18.7
12 7	2 8.85	− 0 14.1	2.206	2.972	13.9	18.9

441662 2008 WJ_{124} 11 2.6 48°.72 7°.3/ 8.8 18

9 28	2 58.58	+36 12.8	1.537	2.309	19.5	20.0
10 8	2 54.13	+36 13.5	1.472	2.322	16.3	19.8
10 18	2 46.67	+35 44.9	1.425	2.335	12.8	19.7
10 28	2 37.26	+34 44.9	1.401	2.349	9.3	19.5
11 7	2 27.33	+33 16.3	1.400	2.364	7.3	19.4
11 17	2 18.41	+31 27.0	1.426	2.378	8.3	19.5
11 27	2 11.75	+29 29.3	1.478	2.393	11.3	19.7
12 7	2 8.06	+27 35.3	1.554	2.408	14.6	20.0

52527 1996 PM_{5} 11 2.6 26°.94 6°.6/29.1 18

9 28	2 55.07	+ 0 40.4	1.606	2.465	14.9	18.7
10 8	2 50.81	− 0 24.9	1.553	2.472	11.5	18.5
10 18	2 44.31	− 1 27.0	1.523	2.479	8.3	18.4
10 28	2 36.36	− 2 18.5	1.518	2.486	6.6	18.3
11 7	2 28.03	− 2 52.6	1.539	2.494	7.7	18.4
11 17	2 20.40	− 3 5.2	1.586	2.503	10.6	18.6
11 27	2 14.42	− 2 54.7	1.656	2.512	13.8	18.8
12 7	2 10.71	− 2 22.6	1.746	2.521	16.7	19.0

288419 2004 DA_{63} 11 2.6 319°.88 4°.4/30.4 18

9 28	2 55.51	+ 5 44.8	1.789	2.642	13.9	20.5
10 8	2 51.09	+ 4 51.3	1.719	2.638	10.6	20.3
10 18	2 44.51	+ 3 55.4	1.672	2.634	7.0	20.0
10 28	2 36.47	+ 3 3.0	1.651	2.631	4.5	19.9
11 7	2 27.95	+ 2 20.2	1.657	2.627	5.6	19.9
11 17	2 19.96	+ 1 52.1	1.691	2.624	8.9	20.1
11 27	2 13.47	+ 1 42.0	1.749	2.621	12.4	20.3
12 7	2 9.13	+ 1 50.7	1.830	2.618	15.5	20.6

243463 2009 SF_{44} 11 2.6 128°.86 1°.8/ 4.2 18

9 28	2 56.47	+22 21.8	2.536	3.336	11.9	21.0
10 8	2 51.28	+22 16.7	2.459	3.345	9.2	20.8
10 18	2 44.39	+22 0.8	2.406	3.354	6.2	20.6
10 28	2 36.39	+21 34.9	2.380	3.362	3.1	20.4
11 7	2 28.04	+21 1.2	2.384	3.370	2.0	20.4
11 17	2 20.13	+20 23.2	2.418	3.378	4.8	20.6
11 27	2 13.42	+19 45.1	2.481	3.386	7.8	20.8
12 7	2 8.45	+19 11.2	2.570	3.393	10.5	21.0

441805 2009 HQ_{8} 11 2.6 277°.52 1°.3/ 3.3 18

9 28	3 0.80	+17 49.5	1.902	2.723	14.5	21.0
10 8	2 55.35	+18 10.6	1.809	2.709	11.2	20.7
10 18	2 47.40	+18 23.2	1.739	2.695	7.4	20.5
10 28	2 37.61	+18 27.2	1.695	2.681	3.2	20.2
11 7	2 27.01	+18 24.1	1.679	2.667	2.1	20.1
11 17	2 16.77	+18 16.6	1.692	2.652	6.4	20.3
11 27	2 8.05	+18 9.3	1.733	2.638	10.5	20.6
12 7	2 1.71	+18 6.4	1.797	2.624	14.2	20.8

113798 2002 TG_{203} 11 2.6 66°.05 3°.2/31.4 18

9 28	2 57.31	+ 8 17.1	1.753	2.602	14.3	19.3
10 8	2 52.39	+ 7 39.3	1.692	2.610	10.8	19.1
10 18	2 45.27	+ 6 58.1	1.654	2.619	6.9	18.9
10 28	2 36.73	+ 6 18.2	1.642	2.628	3.6	18.7
11 7	2 27.80	+ 5 44.9	1.658	2.636	4.4	18.8
11 17	2 19.53	+ 5 22.8	1.702	2.645	8.0	19.0
11 27	2 12.86	+ 5 15.0	1.771	2.654	11.7	19.3
12 7	2 8.42	+ 5 22.9	1.863	2.663	14.8	19.5

303184 2004 FS_{83} 11 2.6 214°.30 3°.6/30.7 18

9 28	2 57.35	+ 5 8.9	2.266	3.103	11.9	21.3
10 8	2 52.07	+ 4 32.0	2.187	3.097	9.1	21.1
10 18	2 44.97	+ 3 54.1	2.132	3.091	6.0	20.9
10 28	2 36.63	+ 3 19.4	2.106	3.085	3.8	20.7
11 7	2 27.86	+ 2 52.0	2.108	3.078	4.6	20.8
11 17	2 19.50	+ 2 35.5	2.140	3.071	7.5	20.9
11 27	2 12.36	+ 2 32.6	2.198	3.063	10.5	21.1
12 7	2 7.04	+ 2 44.0	2.281	3.055	13.2	21.3

277070 2005 EU_{115} 11 2.6 305°.01 2°.0/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 52.93	+11 17.2	2.201	3.042	12.1	20.9
10 8	2 48.90	+10 35.7	2.113	3.028	9.1	20.6
10 18	2 43.06	+ 9 47.9	2.050	3.015	5.7	20.4
10 28	2 35.96	+ 8 57.6	2.013	3.001	2.5	20.2
11 7	2 28.38	+ 8 9.2	2.006	2.988	3.2	20.2
11 17	2 21.15	+ 7 27.5	2.027	2.975	6.6	20.4
11 27	2 15.10	+ 6 56.8	2.076	2.962	10.0	20.6
12 7	2 10.82	+ 6 39.8	2.147	2.949	13.1	20.8

192106 2006 CE_{23} 11 2.6 276°.22 1°.8/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.65	+11 24.5	2.369	3.206	11.5	20.4
10 8	2 49.30	+10 47.4	2.282	3.195	8.6	20.2
10 18	2 43.24	+10 4.7	2.219	3.183	5.4	20.0
10 28	2 36.01	+ 9 19.6	2.184	3.172	2.3	19.8
11 7	2 28.34	+ 8 36.1	2.178	3.160	2.9	19.8
11 17	2 21.02	+ 7 58.4	2.201	3.149	6.2	20.0
11 27	2 14.80	+ 7 30.4	2.252	3.137	9.4	20.2
12 7	2 10.26	+ 7 14.6	2.327	3.126	12.3	20.3

511874 2015 GP_{29} 11 2.6 110°.30 0°.2/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.89	+16 11.5	1.703	2.535	15.5	21.9
10 8	2 55.18	+15 49.1	1.641	2.549	11.7	21.7
10 18	2 47.08	+15 16.3	1.601	2.563	7.4	21.5
10 28	2 37.41	+14 35.8	1.587	2.576	2.6	21.2
11 7	2 27.34	+13 52.4	1.601	2.589	2.2	21.2
11 17	2 18.04	+13 11.5	1.644	2.602	6.8	21.6
11 27	2 10.54	+12 38.8	1.714	2.614	10.9	21.8
12 7	2 5.50	+12 18.0	1.807	2.626	14.4	22.1

340356 2006 DO_{94} 11 2.6 340°.78 2°.7/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.91	+21 48.3	1.612	2.435	16.6	20.8
10 8	2 54.98	+22 8.6	1.535	2.433	13.0	20.5
10 18	2 47.28	+22 15.0	1.478	2.431	8.9	20.3
10 28	2 37.60	+22 6.9	1.446	2.429	4.5	20.0
11 7	2 27.15	+21 46.1	1.441	2.427	3.1	19.9
11 17	2 17.31	+21 16.9	1.463	2.426	6.9	20.2
11 27	2 9.34	+20 46.0	1.512	2.424	11.2	20.4
12 7	2 4.09	+20 19.6	1.582	2.423	15.1	20.7

138392 2000 HY 11 2.6 298°.91 0°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.54	+17 20.2	1.800	2.632	14.7	19.5
10 8	2 52.91	+17 18.0	1.713	2.620	11.3	19.3
10 18	2 45.86	+17 5.5	1.648	2.609	7.3	19.0
10 28	2 37.07	+16 44.0	1.609	2.597	2.9	18.7
11 7	2 27.56	+16 16.7	1.597	2.586	2.0	18.6
11 17	2 18.48	+15 47.9	1.614	2.574	6.6	18.9
11 27	2 10.97	+15 23.0	1.657	2.563	10.8	19.1
12 7	2 5.81	+15 6.7	1.723	2.552	14.5	19.3

405423 2004 RE_{328} 11 2.6 9°.62 4°.7/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.87	+26 21.3	1.632	2.444	16.9	20.5
10 8	2 52.69	+26 57.7	1.561	2.447	13.6	20.3
10 18	2 45.82	+27 17.2	1.510	2.450	9.8	20.1
10 28	2 37.06	+27 18.0	1.483	2.454	6.2	19.9
11 7	2 27.61	+27 0.9	1.481	2.460	4.7	19.8
11 17	2 18.78	+26 30.1	1.506	2.466	7.1	20.0
11 27	2 11.82	+25 52.2	1.557	2.473	10.8	20.2
12 7	2 7.51	+25 14.7	1.631	2.480	14.2	20.4

28464 2000 AZ_{185} 11 2.6 24°.71 2°.0/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.66	+16 1.7	1.491	2.344	16.2	18.1
10 8	2 50.05	+14 29.1	1.427	2.348	12.1	17.9
10 18	2 43.99	+12 40.9	1.386	2.353	7.5	17.6
10 28	2 36.34	+10 44.5	1.370	2.359	2.9	17.3
11 7	2 28.25	+ 8 50.0	1.381	2.365	3.8	17.4
11 17	2 20.91	+ 7 7.7	1.420	2.372	8.4	17.7
11 27	2 15.35	+ 5 45.9	1.484	2.379	12.7	18.0
12 7	2 12.22	+ 4 48.8	1.570	2.386	16.4	18.2

360249 2000 GQ_{127} 11 2.6 57°.14 22°.9/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	4 22.44	+56 44.5	1.318	1.877	30.7	19.8
10 8	4 10.95	+62 19.6	1.300	1.927	28.5	19.8
10 18	3 45.67	+67 14.5	1.300	1.976	26.4	19.7
10 28	3 2.71	+70 51.0	1.318	2.025	24.7	19.8
11 7	2 6.07	+72 33.0	1.356	2.074	23.5	19.9
11 17	1 11.68	+72 16.5	1.412	2.121	23.0	20.0
11 27	0 33.72	+70 41.0	1.485	2.168	22.9	20.1
12 7	0 13.70	+68 35.3	1.572	2.214	23.1	20.3

64538 2001 VF_{118} 11 2.6 154°.13 0°.7/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.43	+14 54.6	1.469	2.310	17.0	19.3
10 8	2 56.85	+14 36.8	1.400	2.314	12.9	19.0
10 18	2 48.40	+14 8.5	1.353	2.317	8.2	18.8
10 28	2 37.99	+13 32.7	1.331	2.321	2.9	18.5
11 7	2 26.94	+12 54.3	1.336	2.324	2.7	18.4
11 17	2 16.67	+12 19.4	1.368	2.326	7.9	18.8
11 27	2 8.45	+11 54.1	1.426	2.329	12.6	19.1
12 7	2 3.09	+11 42.5	1.506	2.330	16.5	19.3

488242 2016 AX_{186} 11 2.6 344°.33 4°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.16	+ 1 6.2	2.197	3.040	12.0	20.2
10 8	2 50.45	+ 0 31.8	2.127	3.038	9.3	20.1
10 18	2 43.96	− 0 0.2	2.082	3.036	6.6	19.9
10 28	2 36.30	− 0 25.1	2.063	3.034	4.9	19.8
11 7	2 28.26	− 0 38.9	2.072	3.032	5.7	19.8
11 17	2 20.66	− 0 38.7	2.110	3.030	8.2	20.0
11 27	2 14.28	− 0 22.9	2.173	3.029	11.0	20.2
12 7	2 9.69	+ 0 8.1	2.259	3.027	13.6	20.4

221400 2005 YX_{67} 11 2.6 45°.01 1°.9/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.95	+10 39.0	2.022	2.862	13.0	20.3
10 8	2 51.18	+10 15.5	1.953	2.868	9.8	20.1
10 18	2 44.48	+ 9 47.5	1.909	2.873	6.1	19.9
10 28	2 36.50	+ 9 18.3	1.891	2.879	2.6	19.7
11 7	2 28.12	+ 8 51.8	1.902	2.885	3.1	19.7
11 17	2 20.28	+ 8 31.8	1.942	2.891	6.7	19.9
11 27	2 13.80	+ 8 21.8	2.008	2.897	10.2	20.2
12 7	2 9.30	+ 8 23.6	2.098	2.904	13.2	20.4

391229 2006 JB_{81} 11 2.6 283°.81 1°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.85	+17 37.2	1.732	2.570	14.9	20.7
10 8	2 50.87	+16 23.2	1.645	2.558	11.4	20.4
10 18	2 44.54	+14 52.7	1.581	2.546	7.1	20.1
10 28	2 36.59	+13 10.4	1.544	2.534	2.5	19.8
11 7	2 28.04	+11 24.2	1.535	2.521	2.8	19.8
11 17	2 20.00	+ 9 43.0	1.554	2.509	7.5	20.1
11 27	2 13.55	+ 8 15.8	1.601	2.497	11.8	20.3
12 7	2 9.39	+ 7 8.3	1.670	2.485	15.6	20.5

448577 2010 TG_{17} 11 2.6 288°.77 0°.7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.74	+17 24.2	2.005	2.837	13.4	21.2
10 8	2 49.71	+16 21.3	1.916	2.826	10.2	20.9
10 18	2 43.67	+15 5.0	1.852	2.815	6.4	20.7
10 28	2 36.24	+13 39.2	1.814	2.804	2.3	20.4
11 7	2 28.31	+12 9.9	1.806	2.793	2.3	20.4
11 17	2 20.83	+10 44.3	1.827	2.782	6.5	20.6
11 27	2 14.70	+ 9 29.3	1.875	2.771	10.4	20.8
12 7	2 10.56	+ 8 29.9	1.947	2.760	13.8	21.0

178798 2001 ED_{3} 11 2.6 240°.96 3°.3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.54	+22 44.3	1.530	2.349	17.5	20.7
10 8	2 57.20	+23 9.2	1.451	2.346	13.8	20.5
10 18	2 48.82	+23 19.0	1.393	2.343	9.5	20.2
10 28	2 38.23	+23 12.1	1.358	2.339	5.1	19.9
11 7	2 26.74	+22 50.2	1.350	2.335	3.6	19.8
11 17	2 15.89	+22 17.5	1.370	2.331	7.4	20.1
11 27	2 7.08	+21 41.5	1.415	2.327	11.9	20.3
12 7	2 1.25	+21 9.8	1.482	2.323	15.9	20.5

479367 2013 XH_{16} 11 2.6 261°.89 4°.4/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.94	+27 1.0	1.579	2.386	17.6	21.7
10 8	2 55.19	+27 10.4	1.498	2.382	14.2	21.5
10 18	2 47.51	+26 59.9	1.437	2.378	10.2	21.2
10 28	2 37.73	+26 27.9	1.399	2.373	6.2	21.0
11 7	2 27.14	+25 36.5	1.388	2.369	4.4	20.9
11 17	2 17.19	+24 31.4	1.403	2.364	7.3	21.0
11 27	2 9.25	+23 21.9	1.445	2.360	11.5	21.3
12 7	2 4.18	+22 17.1	1.509	2.355	15.4	21.5

89962 2002 PL_{128} 11 2.6 17°.47 3°.1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.11	+ 8 10.4	1.595	2.448	15.3	19.0
10 8	2 53.30	+ 7 50.8	1.530	2.450	11.6	18.8
10 18	2 46.04	+ 7 28.3	1.487	2.453	7.4	18.5
10 28	2 37.12	+ 7 7.2	1.470	2.456	3.6	18.3
11 7	2 27.67	+ 6 52.2	1.479	2.459	4.3	18.4
11 17	2 18.88	+ 6 47.3	1.515	2.463	8.3	18.6
11 27	2 11.84	+ 6 55.7	1.577	2.468	12.3	18.9
12 7	2 7.25	+ 7 18.3	1.660	2.473	15.8	19.1

217333 2004 RX_{80} 11 2.6 25°.05 2°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.61	+21 44.5	1.730	2.556	15.5	20.2
10 8	2 51.37	+21 41.8	1.663	2.564	12.0	20.0
10 18	2 44.80	+21 24.8	1.618	2.572	8.0	19.8
10 28	2 36.66	+20 54.5	1.597	2.581	3.9	19.5
11 7	2 28.03	+20 14.5	1.604	2.591	2.4	19.5
11 17	2 20.06	+19 30.0	1.638	2.601	6.2	19.7
11 27	2 13.76	+18 47.2	1.698	2.612	10.2	20.0
12 7	2 9.80	+18 11.8	1.782	2.623	13.6	20.2

314412 2005 UZ_{315} 11 2.6 216°.58 1°.2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.70	+12 51.9	2.330	3.161	11.9	21.9
10 8	2 50.86	+12 23.8	2.248	3.157	8.9	21.7
10 18	2 44.24	+11 49.4	2.190	3.153	5.6	21.4
10 28	2 36.43	+11 11.6	2.159	3.148	2.1	21.2
11 7	2 28.19	+10 34.2	2.159	3.144	2.4	21.2
11 17	2 20.36	+10 0.9	2.187	3.139	5.9	21.4
11 27	2 13.71	+ 9 35.7	2.244	3.134	9.2	21.7
12 7	2 8.81	+ 9 21.2	2.325	3.128	12.1	21.8

44646 1999 RN_{121} 11 2.6 128°.70 4°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 59.83	+ 8 26.3	1.554	2.405	15.7	19.5
10 8	2 54.54	+ 7 23.2	1.495	2.414	11.9	19.3
10 18	2 46.76	+ 6 14.8	1.458	2.422	7.6	19.1
10 28	2 37.36	+ 5 7.8	1.446	2.430	4.3	18.9
11 7	2 27.52	+ 4 9.7	1.462	2.438	5.3	19.0
11 17	2 18.47	+ 3 26.8	1.506	2.445	9.2	19.2
11 27	2 11.27	+ 3 3.4	1.574	2.452	13.2	19.5
12 7	2 6.58	+ 3 0.6	1.663	2.458	16.5	19.7

412931 2014 QX_{175} 11 2.6 39°.61 1°.5/ 1.4 18

9 28	2 54.58	+12 37.0	1.988	2.830	13.2	20.6
10 8	2 50.18	+12 4.5	1.923	2.838	9.9	20.4
10 18	2 43.85	+11 25.4	1.882	2.847	6.1	20.2
10 28	2 36.28	+10 43.4	1.867	2.856	2.4	20.0
11 7	2 28.35	+10 2.9	1.880	2.865	2.8	20.0
11 17	2 20.97	+ 9 28.5	1.922	2.874	6.5	20.3
11 27	2 14.97	+ 9 4.1	1.990	2.884	10.0	20.5
12 7	2 10.93	+ 8 52.4	2.083	2.894	13.1	20.8

441937 2010 JK_{83} 11 2.6 81°.60 3°.7/30.5 18

9 28	2 55.72	+ 9 2.4	1.785	2.635	14.1	21.1
10 8	2 51.11	+ 7 41.8	1.729	2.648	10.5	20.9
10 18	2 44.44	+ 6 15.7	1.696	2.661	6.7	20.7
10 28	2 36.49	+ 4 51.0	1.691	2.674	3.9	20.5
11 7	2 28.23	+ 3 35.1	1.714	2.687	5.0	20.6
11 17	2 20.64	+ 2 34.2	1.764	2.700	8.4	20.9
11 27	2 14.60	+ 1 52.7	1.841	2.712	11.9	21.1
12 7	2 10.67	+ 1 31.9	1.939	2.725	14.8	21.3

519947 2013 RO_{107} 11 2.6 358°.31 0°.3/ 2.9 17

9 28	2 54.33	+16 37.1	2.318	3.144	12.1	21.1
10 8	2 49.89	+16 34.9	2.238	3.143	9.2	20.9
10 18	2 43.66	+16 25.1	2.182	3.142	5.9	20.7
10 28	2 36.23	+16 9.2	2.153	3.141	2.2	20.5
11 7	2 28.38	+15 49.7	2.153	3.141	1.6	20.5
11 17	2 20.91	+15 29.9	2.182	3.141	5.2	20.7
11 27	2 14.64	+15 13.3	2.238	3.142	8.6	20.9
12 7	2 10.12	+15 3.0	2.320	3.142	11.5	21.1

267327 2001 UP_{87} 11 2.6 104°.03 2°.2/ 4.1 18

9 28	3 1.98	+22 16.1	1.698	2.512	16.2	20.9
10 8	2 56.15	+22 13.9	1.634	2.528	12.6	20.7
10 18	2 47.78	+21 56.6	1.592	2.543	8.4	20.5
10 28	2 37.74	+21 24.7	1.575	2.558	4.1	20.3
11 7	2 27.26	+20 41.9	1.586	2.573	2.6	20.2
11 17	2 17.57	+19 53.6	1.626	2.587	6.4	20.5
11 27	2 9.79	+19 6.7	1.692	2.601	10.5	20.8
12 7	2 4.59	+18 27.5	1.782	2.615	14.0	21.0

521996 2015 XR_{17} 11 2.6 197°.43 0°.3/ 2.9 18

9 28	2 54.58	+19 8.1	2.293	3.112	12.4	21.4
10 8	2 50.07	+18 29.9	2.211	3.111	9.5	21.2
10 18	2 43.76	+17 40.3	2.152	3.110	6.1	21.0
10 28	2 36.26	+16 41.8	2.121	3.109	2.3	20.8
11 7	2 28.37	+15 38.6	2.120	3.108	1.6	20.7
11 17	2 20.93	+14 35.6	2.148	3.107	5.4	21.0
11 27	2 14.72	+13 38.3	2.204	3.105	8.8	21.2
12 7	2 10.31	+12 51.1	2.286	3.103	11.8	21.4

70136 1999 NY_{9} 11 2.6 322°.03 9°.4/27.9 18

9 28	2 55.11	− 0 40.8	1.189	2.065	17.9	17.7
10 8	2 51.87	− 2 12.8	1.124	2.050	14.2	17.4
10 18	2 45.57	− 3 43.0	1.079	2.035	10.9	17.2
10 28	2 37.07	− 4 59.2	1.057	2.021	9.4	17.1
11 7	2 27.72	− 5 50.0	1.057	2.008	11.0	17.1
11 17	2 19.04	− 6 7.6	1.080	1.996	14.6	17.3
11 27	2 12.44	− 5 49.7	1.123	1.984	18.6	17.5
12 7	2 8.84	− 4 59.1	1.183	1.974	22.2	17.7

344927 2004 TU_{62} 11 2.6 343°.78 0°.4/ 2.9 16 R

9 28	2 51.27	+17 51.9	2.449	3.275	11.5	20.8
10 8	2 47.54	+17 34.6	2.362	3.266	8.8	20.6
10 18	2 42.17	+17 8.6	2.299	3.259	5.6	20.4
10 28	2 35.69	+16 35.7	2.264	3.252	2.2	20.2
11 7	2 28.80	+15 58.7	2.257	3.245	1.5	20.1
11 17	2 22.25	+15 21.4	2.279	3.239	5.0	20.4
11 27	2 16.76	+14 47.9	2.329	3.233	8.3	20.6
12 7	2 12.88	+14 21.7	2.404	3.228	11.1	20.7

78986 2003 UY_{65} 11 2.6 345°.10 3°.3/ 1.3 18

9 28	3 5.55	+ 3 10.5	1.892	2.723	14.2	18.2
10 8	2 58.71	+ 3 45.4	1.810	2.716	10.9	17.9
10 18	2 49.42	+ 4 25.3	1.752	2.711	7.2	17.7
10 28	2 38.40	+ 5 12.1	1.722	2.705	3.9	17.5
11 7	2 26.70	+ 6 6.7	1.722	2.700	4.2	17.5
11 17	2 15.50	+ 7 9.4	1.752	2.696	7.8	17.7
11 27	2 5.91	+ 8 19.8	1.810	2.692	11.5	17.9
12 7	1 58.70	+ 9 36.8	1.893	2.689	14.8	18.2

317260 2002 EE_{23} 11 2.6 137°.63 1°.2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.42	+13 11.8	2.176	3.010	12.5	21.8
10 8	2 50.73	+12 41.0	2.101	3.012	9.4	21.6
10 18	2 44.19	+12 3.4	2.050	3.014	5.8	21.4
10 28	2 36.42	+11 22.1	2.026	3.015	2.2	21.2
11 7	2 28.27	+10 41.3	2.031	3.017	2.5	21.2
11 17	2 20.57	+10 5.1	2.066	3.018	6.1	21.5
11 27	2 14.16	+ 9 37.7	2.128	3.019	9.6	21.7
12 7	2 9.59	+ 9 21.7	2.214	3.021	12.5	21.9

198703 2005 CF_{26} 11 2.6 246°.92 0°.8/ 1.8 17

9 28	2 54.24	+13 52.5	2.604	3.430	10.9	21.0
10 8	2 49.64	+13 25.9	2.513	3.420	8.2	20.8
10 18	2 43.45	+12 53.1	2.448	3.410	5.1	20.6
10 28	2 36.16	+12 16.2	2.411	3.400	1.9	20.4
11 7	2 28.47	+11 38.6	2.403	3.389	2.0	20.4
11 17	2 21.09	+11 3.8	2.426	3.379	5.3	20.6
11 27	2 14.74	+10 35.5	2.477	3.368	8.4	20.8
12 7	2 9.95	+10 16.3	2.553	3.357	11.2	21.0

274161 2008 FA_{116} 11 2.6 93°.92 1°.4/ 1.5 18

9 28	2 56.34	+12 26.3	2.081	2.917	12.9	21.1
10 8	2 51.45	+11 59.1	2.011	2.923	9.7	20.9
10 18	2 44.65	+11 25.7	1.965	2.929	6.0	20.7
10 28	2 36.60	+10 49.4	1.947	2.935	2.3	20.4
11 7	2 28.16	+10 14.3	1.957	2.942	2.7	20.5
11 17	2 20.24	+ 9 44.4	1.996	2.948	6.3	20.7
11 27	2 13.68	+ 9 23.7	2.062	2.953	9.8	21.0
12 7	2 9.06	+ 9 14.5	2.152	2.959	12.8	21.2

408496 2013 JK_{19} 11 2.6 72°.92 0°.7/ 3.3 18

9 28	2 55.21	+20 7.5	2.180	2.998	13.0	20.6
10 8	2 50.51	+19 34.6	2.116	3.014	9.9	20.5
10 18	2 43.99	+18 50.2	2.074	3.031	6.4	20.3
10 28	2 36.34	+17 56.6	2.060	3.047	2.6	20.1
11 7	2 28.40	+16 58.0	2.074	3.063	1.6	20.0
11 17	2 21.04	+15 59.3	2.119	3.079	5.3	20.3
11 27	2 15.02	+15 6.0	2.191	3.095	8.7	20.6
12 7	2 10.88	+14 22.2	2.288	3.111	11.7	20.8

151446 2002 GU_{53} 11 2.6 192°.34 0°.7/ 1.9 18

9 28	2 55.33	+14 6.2	2.773	3.594	10.4	21.2
10 8	2 50.31	+13 40.4	2.688	3.592	7.9	21.0
10 18	2 43.80	+13 8.6	2.629	3.590	4.9	20.8
10 28	2 36.28	+12 33.0	2.598	3.587	1.8	20.6
11 7	2 28.42	+11 56.7	2.598	3.584	1.8	20.6
11 17	2 20.91	+11 22.8	2.628	3.581	5.0	20.8
11 27	2 14.40	+10 54.8	2.688	3.577	7.9	21.0
12 7	2 9.38	+10 35.2	2.773	3.572	10.5	21.1

331181 2011 AG_{40} 11 2.6 205°.12 3°.7/30.0 18

9 28	2 53.48	+ 5 0.7	2.456	3.298	11.0	21.3
10 8	2 49.04	+ 4 5.1	2.383	3.296	8.3	21.2
10 18	2 43.04	+ 3 8.2	2.335	3.294	5.6	21.0
10 28	2 36.01	+ 2 14.4	2.316	3.292	3.8	20.9
11 7	2 28.64	+ 1 28.4	2.325	3.290	4.7	20.9
11 17	2 21.66	+ 0 54.1	2.363	3.288	7.2	21.1
11 27	2 15.76	+ 0 34.1	2.428	3.286	9.9	21.3
12 7	2 11.43	+ 0 29.5	2.517	3.283	12.4	21.4

439806 2015 HA_{178} 11 2.6 57°.89 6°.5/28.6 18

9 28	2 55.57	+ 4 20.3	1.483	2.346	15.7	19.9
10 8	2 51.27	+ 2 25.7	1.440	2.363	11.9	19.7
10 18	2 44.64	+ 0 30.3	1.421	2.381	8.3	19.5
10 28	2 36.59	− 1 15.7	1.427	2.398	6.5	19.5
11 7	2 28.27	− 2 42.5	1.460	2.416	7.9	19.6
11 17	2 20.79	− 3 43.3	1.518	2.434	11.1	19.8
11 27	2 15.10	− 4 15.4	1.600	2.453	14.4	20.1
12 7	2 11.76	− 4 20.0	1.702	2.471	17.3	20.3

284933 2010 DX_{7} 11 2.6 187°.55 3°.2/ 4.9 18

9 28	2 59.97	+24 33.9	1.811	2.617	15.7	21.1
10 8	2 54.78	+24 42.9	1.731	2.617	12.4	20.9
10 18	2 47.07	+24 36.2	1.672	2.617	8.7	20.7
10 28	2 37.58	+24 13.1	1.638	2.616	4.9	20.5
11 7	2 27.43	+23 35.9	1.632	2.616	3.4	20.4
11 17	2 17.87	+22 49.3	1.654	2.615	6.4	20.6
11 27	2 10.03	+22 0.0	1.703	2.614	10.3	20.8
12 7	2 4.69	+21 15.0	1.776	2.613	13.8	21.0

162087 1998 KY_{63} 11 2.6 115°.00 1°.1/ 3.6 18

9 28	3 0.05	+20 59.5	2.162	2.969	13.5	20.6
10 8	2 54.10	+20 32.3	2.099	2.990	10.3	20.4
10 18	2 46.23	+19 52.7	2.058	3.011	6.7	20.3
10 28	2 37.16	+19 2.8	2.046	3.031	2.9	20.1
11 7	2 27.82	+18 6.6	2.063	3.051	1.8	20.0
11 17	2 19.15	+17 8.9	2.110	3.070	5.4	20.3
11 27	2 11.98	+16 15.5	2.186	3.088	8.8	20.5
12 7	2 6.84	+15 30.9	2.288	3.106	11.8	20.8

219321 2000 FA_{28} 11 2.6 283°.17 0°.4/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.21	+18 10.8	1.547	2.385	16.4	20.4
10 8	2 53.89	+17 50.4	1.458	2.368	12.7	20.1
10 18	2 46.76	+17 15.5	1.389	2.351	8.2	19.8
10 28	2 37.54	+16 28.2	1.346	2.334	3.2	19.5
11 7	2 27.43	+15 33.0	1.329	2.318	2.3	19.4
11 17	2 17.78	+14 36.8	1.339	2.301	7.5	19.7
11 27	2 9.94	+13 47.4	1.375	2.284	12.4	19.9
12 7	2 4.82	+13 11.2	1.432	2.267	16.7	20.1

382260 2012 TP_{91} 11 2.6 15°.13 0°.8/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 52.46	+13 20.0	2.738	3.567	10.3	21.5
10 8	2 48.18	+13 2.3	2.660	3.568	7.8	21.3
10 18	2 42.46	+12 39.6	2.607	3.570	4.8	21.2
10 28	2 35.80	+12 14.0	2.583	3.572	1.8	20.9
11 7	2 28.83	+11 48.2	2.587	3.574	1.8	21.0
11 17	2 22.20	+11 25.3	2.622	3.576	4.9	21.2
11 27	2 16.53	+11 8.0	2.685	3.578	7.8	21.4
12 7	2 12.32	+10 58.5	2.774	3.581	10.3	21.5

372868 2010 VA_{218} 11 2.6 278°.50 4°.4/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.29	+25 18.2	1.426	2.245	18.6	21.5
10 8	2 56.64	+25 41.8	1.342	2.234	14.9	21.2
10 18	2 48.72	+25 46.8	1.277	2.223	10.7	20.9
10 28	2 38.31	+25 30.7	1.236	2.212	6.3	20.7
11 7	2 26.82	+24 54.7	1.219	2.202	4.5	20.5
11 17	2 15.91	+24 3.8	1.229	2.191	8.0	20.7
11 27	2 7.16	+23 7.3	1.263	2.180	12.6	20.9
12 7	2 1.61	+22 14.8	1.320	2.169	17.0	21.2

70502 1999 TB_{97} 11 2.6 41°.38 6°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.56	+ 2 8.0	1.439	2.301	16.2	18.9
10 8	2 52.92	+ 1 11.5	1.392	2.312	12.4	18.7
10 18	2 45.78	+ 0 17.5	1.365	2.324	8.7	18.5
10 28	2 37.05	− 0 26.4	1.363	2.337	6.4	18.4
11 7	2 27.94	− 0 53.5	1.387	2.350	7.5	18.5
11 17	2 19.68	− 0 59.6	1.436	2.363	10.7	18.7
11 27	2 13.30	− 0 43.4	1.509	2.377	14.2	19.0
12 7	2 9.45	− 0 6.5	1.601	2.391	17.3	19.2

153505 2001 RV_{130} 11 2.6 270°.82 0°.8/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.11	+14 40.9	1.643	2.483	15.5	20.1
10 8	2 54.34	+14 20.6	1.556	2.469	11.9	19.8
10 18	2 46.93	+13 50.3	1.490	2.455	7.5	19.6
10 28	2 37.60	+13 12.6	1.451	2.440	2.7	19.2
11 7	2 27.45	+12 32.2	1.438	2.425	2.6	19.2
11 17	2 17.77	+11 54.7	1.453	2.411	7.6	19.5
11 27	2 9.78	+11 26.3	1.494	2.396	12.2	19.7
12 7	2 4.36	+11 11.3	1.558	2.381	16.1	19.9

311334 2005 OH_{20} 11 2.7 351°.63 9°.2/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.74	+36 39.4	1.680	2.441	18.5	20.2
10 8	2 55.40	+37 49.7	1.600	2.436	16.0	20.0
10 18	2 47.91	+38 37.8	1.539	2.432	13.1	19.8
10 28	2 38.03	+38 57.9	1.499	2.428	10.6	19.7
11 7	2 27.11	+38 47.4	1.483	2.426	9.2	19.6
11 17	2 16.75	+38 8.7	1.491	2.424	9.9	19.6
11 27	2 8.47	+37 9.2	1.524	2.423	12.2	19.8
12 7	2 3.31	+35 59.6	1.579	2.422	15.0	19.9

180861 2005 JS_{22} 11 2.7 97°.98 3°.0/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.88	+23 35.1	1.540	2.354	17.7	20.5
10 8	2 57.87	+23 42.8	1.479	2.371	13.8	20.3
10 18	2 49.01	+23 33.2	1.440	2.388	9.4	20.1
10 28	2 38.28	+23 6.3	1.424	2.405	5.0	19.9
11 7	2 27.05	+22 25.1	1.436	2.421	3.3	19.8
11 17	2 16.74	+21 35.8	1.476	2.437	6.9	20.1
11 27	2 8.59	+20 46.3	1.541	2.453	11.2	20.4
12 7	2 3.31	+20 3.7	1.630	2.468	14.8	20.7

270958 2002 VU_{76} 11 2.7 331°.83 2°.5/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.44	+11 12.4	1.218	2.086	18.1	20.1
10 8	2 52.99	+10 50.0	1.145	2.073	13.8	19.8
10 18	2 46.39	+10 19.5	1.092	2.061	8.8	19.5
10 28	2 37.46	+ 9 45.5	1.061	2.050	3.6	19.1
11 7	2 27.59	+ 9 14.5	1.055	2.040	4.2	19.1
11 17	2 18.35	+ 8 53.3	1.073	2.030	9.6	19.4
11 27	2 11.24	+ 8 47.7	1.114	2.022	14.8	19.7
12 7	2 7.22	+ 9 0.5	1.174	2.014	19.3	19.9

164071 2003 WT_{80} 11 2.7 2°.62 8°.0/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 50.79	+ 2 48.5	1.289	2.168	16.6	19.2
10 8	2 48.19	+ 0 44.6	1.236	2.166	12.8	19.0
10 18	2 43.01	− 1 21.0	1.205	2.166	9.4	18.8
10 28	2 36.11	− 3 16.0	1.198	2.166	8.0	18.7
11 7	2 28.70	− 4 48.2	1.216	2.168	9.7	18.8
11 17	2 22.01	− 5 49.2	1.257	2.171	13.1	19.0
11 27	2 17.17	− 6 15.5	1.320	2.175	16.7	19.3
12 7	2 14.84	− 6 8.9	1.400	2.180	19.8	19.5

509018 2005 NE_1 11 2.7 195°.83 1°.0/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.16	+20 29.6	3.044	3.837	10.3	23.5
10 8	2 52.39	+20 14.3	2.948	3.833	7.9	23.3
10 18	2 45.11	+19 50.0	2.879	3.828	5.2	23.1
10 28	2 36.81	+19 17.9	2.838	3.823	2.3	22.9
11 7	2 28.14	+18 39.9	2.829	3.816	1.4	22.9
11 17	2 19.79	+17 59.2	2.851	3.809	4.3	23.1
11 27	2 12.42	+17 19.4	2.904	3.801	7.1	23.2
12 7	2 6.54	+16 44.2	2.983	3.792	9.6	23.4

80301 1999 XZ_{63} 11 2.7 64°.37 4°.1/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.52	+ 9 5.7	1.343	2.204	17.1	19.1
10 8	2 53.85	+ 8 0.9	1.291	2.216	12.9	18.8
10 18	2 46.47	+ 6 50.1	1.261	2.228	8.2	18.6
10 28	2 37.34	+ 5 40.7	1.255	2.240	4.4	18.4
11 7	2 27.79	+ 4 41.2	1.275	2.252	5.6	18.5
11 17	2 19.16	+ 3 58.4	1.321	2.265	9.8	18.8
11 27	2 12.58	+ 3 37.0	1.391	2.278	14.0	19.1
12 7	2 8.71	+ 3 37.7	1.481	2.290	17.5	19.4

132545 2002 JW_{73} 11 2.7 255°.33 4°.8/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.81	+ 4 0.1	1.881	2.727	13.6	19.5
10 8	2 52.89	+ 3 8.8	1.800	2.715	10.5	19.3
10 18	2 45.78	+ 2 16.3	1.743	2.702	7.2	19.1
10 28	2 37.13	+ 1 28.2	1.713	2.689	4.9	18.9
11 7	2 27.89	+ 0 50.7	1.710	2.676	6.0	19.0
11 17	2 19.09	+ 0 28.6	1.735	2.663	9.1	19.1
11 27	2 11.73	+ 0 24.9	1.786	2.649	12.6	19.3
12 7	2 6.51	+ 0 40.3	1.858	2.635	15.7	19.5

335711 2007 BT_{48} 11 2.7 343°.81 5°.4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.15	+ 5 18.5	1.305	2.172	17.1	19.9
10 8	2 53.14	+ 4 29.0	1.241	2.167	13.1	19.6
10 18	2 46.24	+ 3 37.3	1.197	2.163	8.8	19.4
10 28	2 37.35	+ 2 51.1	1.177	2.159	5.6	19.2
11 7	2 27.76	+ 2 18.0	1.182	2.155	6.8	19.2
11 17	2 18.89	+ 2 4.1	1.212	2.152	10.9	19.5
11 27	2 12.03	+ 2 12.8	1.265	2.150	15.2	19.7
12 7	2 8.00	+ 2 43.7	1.336	2.148	18.9	20.0

348079 2003 WH_{66} 11 2.7 320°.08 5°.2/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.68	+27 1.5	1.465	2.285	18.1	20.4
10 8	2 52.55	+27 28.7	1.365	2.256	14.8	20.1
10 18	2 46.29	+27 36.7	1.285	2.227	11.0	19.8
10 28	2 37.53	+27 22.3	1.226	2.199	7.0	19.5
11 7	2 27.50	+26 45.5	1.192	2.172	5.3	19.3
11 17	2 17.76	+25 50.3	1.184	2.146	8.2	19.4
11 27	2 9.92	+24 45.7	1.199	2.120	12.7	19.6
12 7	2 5.16	+23 42.2	1.236	2.096	17.2	19.8

438741 2008 TG_{116} 11 2.7 348°.62 2°.5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 47.60	+ 3 16.6	4.224	5.059	6.9	21.4
10 8	2 44.09	+ 2 45.2	4.150	5.058	5.2	21.2
10 18	2 39.72	+ 2 14.3	4.102	5.057	3.6	21.1
10 28	2 34.81	+ 1 46.0	4.084	5.057	2.5	21.0
11 7	2 29.73	+ 1 22.6	4.095	5.056	3.0	21.1
11 17	2 24.83	+ 1 5.7	4.136	5.056	4.6	21.2
11 27	2 20.51	+ 0 56.9	4.206	5.055	6.2	21.3
12 7	2 17.05	+ 0 56.7	4.301	5.055	7.8	21.4

154075 2002 CZ_{212} 11 2.7 260°.13 1°.5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.76	+12 14.0	2.144	2.980	12.6	20.6
10 8	2 51.09	+11 46.0	2.064	2.975	9.5	20.4
10 18	2 44.52	+11 11.8	2.007	2.971	5.9	20.1
10 28	2 36.65	+10 34.6	1.978	2.967	2.3	19.9
11 7	2 28.32	+ 9 58.4	1.978	2.962	2.7	19.9
11 17	2 20.42	+ 9 27.3	2.007	2.958	6.3	20.2
11 27	2 13.79	+ 9 5.4	2.063	2.953	9.9	20.4
12 7	2 9.05	+ 8 55.2	2.143	2.949	12.9	20.6

391987 2008 YA_{24} 11 2.7 354°.70 1°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 51.32	+19 41.7	1.151	2.016	19.2	19.3
10 8	2 49.24	+19 23.9	1.084	2.008	14.8	19.0
10 18	2 44.05	+18 47.2	1.036	2.002	9.7	18.7
10 28	2 36.61	+17 54.0	1.009	1.998	4.0	18.4
11 7	2 28.35	+16 50.9	1.006	1.995	2.5	18.3
11 17	2 20.82	+15 46.8	1.027	1.994	8.2	18.6
11 27	2 15.48	+14 51.6	1.070	1.994	13.6	18.9
12 7	2 13.20	+14 12.6	1.133	1.996	18.2	19.2

183862 2004 CB_{14} 11 2.7 156°.04 2°.0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.77	+11 50.9	1.791	2.627	14.6	20.8
10 8	2 55.10	+11 15.6	1.722	2.634	11.0	20.6
10 18	2 47.12	+10 33.2	1.676	2.639	6.9	20.3
10 28	2 37.60	+ 9 47.9	1.656	2.644	2.8	20.1
11 7	2 27.62	+ 9 4.7	1.665	2.649	3.3	20.1
11 17	2 18.29	+ 8 28.9	1.703	2.653	7.4	20.4
11 27	2 10.62	+ 8 5.1	1.768	2.657	11.4	20.7
12 7	2 5.27	+ 7 55.9	1.855	2.659	14.7	20.9

146758 2001 XX_{164} 11 2.7 324°.63 4°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.18	+ 4 2.0	1.850	2.699	13.7	19.6
10 8	2 52.40	+ 3 33.0	1.777	2.692	10.5	19.4
10 18	2 45.45	+ 3 4.5	1.726	2.686	7.1	19.2
10 28	2 37.02	+ 2 41.2	1.702	2.681	4.6	19.0
11 7	2 28.05	+ 2 27.7	1.705	2.675	5.4	19.0
11 17	2 19.59	+ 2 27.7	1.736	2.670	8.6	19.2
11 27	2 12.58	+ 2 43.3	1.792	2.665	12.1	19.4
12 7	2 7.72	+ 3 14.7	1.870	2.660	15.1	19.6

44924 1999 VN_{34} 11 2.7 73°.12 4°.0/ 6.2 18

9 28	2 58.69	+29 51.7	1.722	2.514	17.0	19.0
10 8	2 53.72	+29 20.1	1.658	2.532	13.6	18.8
10 18	2 46.27	+28 25.5	1.615	2.550	9.8	18.6
10 28	2 37.27	+27 8.8	1.596	2.567	5.9	18.4
11 7	2 27.93	+25 35.1	1.605	2.585	4.0	18.4
11 17	2 19.47	+23 52.4	1.642	2.603	6.4	18.5
11 27	2 12.91	+22 10.6	1.706	2.621	10.1	18.8
12 7	2 8.86	+20 38.4	1.796	2.638	13.5	19.1

263762 2008 KH_{11} 11 2.7 248°.49 2°.9/30.9 18

9 28	2 54.14	+ 9 18.4	2.227	3.068	12.0	21.1
10 8	2 49.79	+ 8 14.6	2.145	3.060	9.0	20.9
10 18	2 43.67	+ 7 5.1	2.088	3.052	5.8	20.7
10 28	2 36.34	+ 5 54.8	2.059	3.043	3.2	20.5
11 7	2 28.59	+ 4 49.2	2.059	3.034	4.1	20.5
11 17	2 21.23	+ 3 53.6	2.088	3.025	7.2	20.7
11 27	2 15.06	+ 3 12.3	2.145	3.016	10.4	20.9
12 7	2 10.64	+ 2 47.7	2.224	3.007	13.3	21.1

148971 2001 XZ_{236} 11 2.7 57°.63 2°.4/ 4.6 18

9 28	2 56.67	+23 47.4	1.938	2.749	14.7	20.2
10 8	2 52.03	+23 36.3	1.865	2.755	11.5	20.0
10 18	2 45.20	+23 10.0	1.813	2.761	7.8	19.8
10 28	2 36.91	+22 29.4	1.787	2.768	4.1	19.5
11 7	2 28.16	+21 37.9	1.788	2.774	2.6	19.5
11 17	2 20.00	+20 40.6	1.818	2.781	5.8	19.7
11 27	2 13.39	+19 44.1	1.876	2.787	9.5	19.9
12 7	2 8.97	+18 54.4	1.958	2.794	12.8	20.1

172685 2003 YG_{155} 11 2.7 276°.54 2°.1/ 1.4 18

9 28	3 0.62	+ 9 7.6	1.888	2.726	13.9	19.8
10 8	2 55.11	+ 9 6.5	1.803	2.715	10.6	19.5
10 18	2 47.25	+ 9 2.9	1.740	2.703	6.8	19.3
10 28	2 37.72	+ 8 59.2	1.705	2.692	2.9	19.0
11 7	2 27.51	+ 8 58.7	1.698	2.681	3.3	19.0
11 17	2 17.72	+ 9 4.4	1.720	2.670	7.3	19.2
11 27	2 9.41	+ 9 19.1	1.768	2.659	11.3	19.5
12 7	2 3.37	+ 9 44.4	1.840	2.647	14.7	19.7

158840 2004 KS 11 2.7 49°.98 1°.7/ 1.8 18

9 28	3 1.04	+14 2.7	1.006	1.875	20.9	19.3
10 8	2 56.46	+13 29.8	0.964	1.892	15.7	19.1
10 18	2 48.39	+12 44.6	0.940	1.910	9.8	18.8
10 28	2 38.10	+11 53.0	0.938	1.928	3.6	18.5
11 7	2 27.36	+11 3.2	0.960	1.947	3.8	18.6
11 17	2 17.91	+10 23.6	1.006	1.966	9.6	19.0
11 27	2 11.19	+10 0.8	1.074	1.986	14.8	19.4
12 7	2 7.87	+ 9 57.7	1.162	2.006	19.1	19.7

284764 2008 WT_{69} 11 2.7 62°.25 4°.1/ 6.0 18

9 28	2 57.94	+28 52.5	1.649	2.449	17.3	20.2
10 8	2 53.40	+28 34.1	1.579	2.458	13.9	20.0
10 18	2 46.23	+27 53.2	1.529	2.466	9.9	19.8
10 28	2 37.32	+26 49.9	1.503	2.475	6.0	19.6
11 7	2 27.92	+25 28.4	1.503	2.484	4.2	19.5
11 17	2 19.30	+23 56.3	1.531	2.493	6.7	19.7
11 27	2 12.61	+22 23.5	1.586	2.502	10.6	20.0
12 7	2 8.53	+20 58.9	1.665	2.511	14.2	20.2

131514 2001 TU_{79} 11 2.7 349°.93 1°.7/ 1.7 18

9 28	2 56.51	+14 36.5	1.091	1.961	19.6	19.2
10 8	2 53.24	+13 57.6	1.027	1.956	14.9	18.9
10 18	2 46.61	+13 4.0	0.983	1.953	9.4	18.6
10 28	2 37.58	+12 1.2	0.960	1.950	3.5	18.3
11 7	2 27.69	+10 57.8	0.961	1.948	3.8	18.3
11 17	2 18.67	+10 3.3	0.986	1.947	9.7	18.7
11 27	2 12.03	+ 9 26.3	1.033	1.946	15.2	19.0
12 7	2 8.69	+ 9 11.2	1.099	1.946	19.8	19.2

141672 2002 JP_{103} 11 2.7 137°.49 1°.3/ 1.8 18

9 28	3 1.19	+14 51.8	1.691	2.525	15.4	21.2
10 8	2 55.50	+14 5.1	1.626	2.536	11.6	21.0
10 18	2 47.40	+13 7.8	1.584	2.547	7.3	20.8
10 28	2 37.73	+12 4.2	1.568	2.557	2.7	20.5
11 7	2 27.65	+11 0.5	1.581	2.567	2.9	20.5
11 17	2 18.32	+10 3.2	1.622	2.576	7.3	20.8
11 27	2 10.79	+ 9 18.3	1.690	2.584	11.5	21.1
12 7	2 5.71	+ 8 49.5	1.781	2.592	15.0	21.4

183479 2003 DL_5 11 2.7 337°.05 0°.2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 51.90	+17 10.1	1.408	2.265	16.7	20.2
10 8	2 49.27	+16 38.8	1.326	2.247	12.8	19.9
10 18	2 43.93	+15 52.4	1.264	2.231	8.2	19.6
10 28	2 36.60	+14 54.2	1.225	2.215	3.0	19.3
11 7	2 28.44	+13 50.3	1.212	2.201	2.5	19.2
11 17	2 20.79	+12 48.7	1.225	2.188	7.9	19.5
11 27	2 14.94	+11 57.5	1.262	2.176	12.9	19.8
12 7	2 11.75	+11 23.0	1.319	2.165	17.2	20.0

265076 2003 SJ_{152} 11 2.7 25°.75 4°.3/30.9 18

9 28	2 56.02	+ 4 30.9	1.753	2.606	14.1	19.5
10 8	2 51.47	+ 4 1.2	1.697	2.616	10.7	19.3
10 18	2 44.81	+ 3 32.1	1.664	2.625	7.1	19.1
10 28	2 36.78	+ 3 8.4	1.656	2.636	4.5	19.0
11 7	2 28.39	+ 2 54.8	1.675	2.647	5.3	19.1
11 17	2 20.63	+ 2 54.5	1.722	2.659	8.5	19.3
11 27	2 14.43	+ 3 9.5	1.794	2.671	11.8	19.5
12 7	2 10.37	+ 3 39.6	1.887	2.684	14.8	19.7

290823 2005 VY_{127} 11 2.7 163°.21 1°.1/ 1.9 18

9 28	3 1.03	+13 44.4	1.857	2.688	14.4	21.7
10 8	2 55.30	+13 20.4	1.784	2.693	10.9	21.5
10 18	2 47.28	+12 48.4	1.734	2.697	6.8	21.3
10 28	2 37.72	+12 11.4	1.712	2.701	2.5	21.0
11 7	2 27.67	+11 33.8	1.718	2.704	2.6	21.0
11 17	2 18.22	+11 0.5	1.752	2.706	6.8	21.3
11 27	2 10.39	+10 36.1	1.814	2.708	10.8	21.5
12 7	2 4.85	+10 23.8	1.900	2.710	14.2	21.8

205175 2000 BL_5 11 2.7 342°.38 10°.1/ 8.3 17

9 28	3 1.14	+36 0.3	1.503	2.275	19.9	19.7
10 8	2 56.96	+37 29.1	1.423	2.266	17.2	19.5
10 18	2 49.23	+38 36.0	1.361	2.258	14.2	19.2
10 28	2 38.69	+39 13.4	1.319	2.251	11.5	19.1
11 7	2 26.81	+39 17.0	1.300	2.244	10.2	19.0
11 17	2 15.44	+38 48.2	1.305	2.239	11.0	19.0
11 27	2 6.39	+37 54.8	1.334	2.234	13.5	19.1
12 7	2 0.87	+36 48.7	1.384	2.230	16.5	19.3

317827 2003 SX_{307} 11 2.7 73°.45 4°.6/ 6.5 18

9 28	2 58.70	+29 38.6	2.278	3.051	13.9	20.4
10 8	2 53.46	+30 5.2	2.199	3.057	11.3	20.2
10 18	2 46.10	+30 16.6	2.142	3.064	8.5	20.1
10 28	2 37.30	+30 11.2	2.111	3.071	5.8	19.9
11 7	2 27.98	+29 49.7	2.108	3.077	4.6	19.9
11 17	2 19.14	+29 15.2	2.133	3.084	6.0	20.0
11 27	2 11.74	+28 32.9	2.186	3.091	8.7	20.1
12 7	2 6.43	+27 48.9	2.264	3.098	11.4	20.3

21586 Pourkaviani 11 2.7 117°.06 0°.8/ 1.9 18

9 28	2 55.71	+14 13.8	2.476	3.301	11.4	17.9
10 8	2 50.73	+13 46.9	2.407	3.313	8.6	17.7
10 18	2 44.13	+13 13.7	2.362	3.324	5.3	17.5
10 28	2 36.51	+12 36.6	2.345	3.334	1.9	17.3
11 7	2 28.60	+11 59.1	2.358	3.345	1.9	17.3
11 17	2 21.14	+11 24.8	2.402	3.355	5.3	17.6
11 27	2 14.84	+10 57.2	2.473	3.365	8.4	17.8
12 7	2 10.19	+10 39.0	2.570	3.375	11.1	18.0

290075 2005 QR_{78} 11 2.7 358°.60 1°.7/ 3.5 18

9 28	2 53.96	+19 4.4	1.049	1.917	20.3	20.2
10 8	2 51.55	+19 15.0	0.987	1.912	15.8	19.9
10 18	2 45.68	+19 8.9	0.943	1.909	10.4	19.6
10 28	2 37.30	+18 47.0	0.919	1.907	4.5	19.3
11 7	2 27.98	+18 13.7	0.918	1.907	2.8	19.2
11 17	2 19.49	+17 36.5	0.941	1.909	8.6	19.6
11 27	2 13.46	+17 4.2	0.985	1.912	14.1	19.9
12 7	2 10.82	+16 44.0	1.048	1.917	18.9	20.2

390133 2012 VJ_{68} 11 2.7 170°.80 0°.3/ 2.4 18

9 28	2 58.58	+16 50.0	2.183	3.003	12.9	21.8
10 8	2 53.16	+16 12.3	2.105	3.007	9.8	21.6
10 18	2 45.80	+15 24.6	2.051	3.010	6.2	21.4
10 28	2 37.16	+14 29.5	2.024	3.013	2.2	21.2
11 7	2 28.11	+13 31.5	2.028	3.015	1.9	21.2
11 17	2 19.58	+12 35.8	2.061	3.017	5.8	21.4
11 27	2 12.41	+11 47.4	2.123	3.017	9.4	21.7
12 7	2 7.20	+11 10.3	2.209	3.018	12.5	21.9

377515 2005 GD_1 11 2.7 149°.62 2°.9/31.8 16

9 28	3 3.42	+ 8 26.4	1.890	2.722	14.1	22.4
10 8	2 56.93	+ 7 57.8	1.824	2.733	10.7	22.2
10 18	2 48.21	+ 7 26.1	1.782	2.743	6.8	22.0
10 28	2 38.04	+ 6 55.0	1.767	2.752	3.3	21.8
11 7	2 27.47	+ 6 29.0	1.782	2.761	4.0	21.8
11 17	2 17.56	+ 6 12.3	1.826	2.768	7.6	22.1
11 27	2 9.29	+ 6 7.9	1.897	2.775	11.2	22.3
12 7	2 3.31	+ 6 17.1	1.991	2.781	14.4	22.5

30029 Preetikakani 11 2.7 164°.12 2°.0/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 1.90	+22 22.4	2.030	2.832	14.4	20.5
10 8	2 55.91	+22 15.7	1.951	2.838	11.2	20.3
10 18	2 47.65	+21 55.4	1.895	2.843	7.5	20.1
10 28	2 37.87	+21 22.2	1.866	2.848	3.7	19.9
11 7	2 27.58	+20 38.8	1.865	2.852	2.3	19.8
11 17	2 17.87	+19 49.9	1.895	2.855	5.8	20.0
11 27	2 9.75	+19 1.7	1.953	2.858	9.5	20.3
12 7	2 3.90	+18 19.7	2.035	2.859	12.8	20.5

438459 2007 BN_{69} 11 2.7 211°.95 1°.7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.60	+12 39.8	1.975	2.807	13.6	22.3
10 8	2 54.20	+12 2.7	1.891	2.801	10.3	22.1
10 18	2 46.61	+11 17.9	1.831	2.794	6.5	21.8
10 28	2 37.50	+10 28.8	1.798	2.786	2.6	21.6
11 7	2 27.84	+ 9 40.2	1.794	2.778	3.0	21.6
11 17	2 18.64	+ 8 57.4	1.819	2.769	7.0	21.8
11 27	2 10.90	+ 8 25.4	1.872	2.760	10.9	22.0
12 7	2 5.31	+ 8 7.2	1.948	2.750	14.2	22.3

236931 2007 TF_{209} 11 2.7 63°.59 1°.6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.50	+14 1.4	1.617	2.462	15.5	20.6
10 8	2 52.75	+13 15.3	1.562	2.478	11.6	20.3
10 18	2 45.66	+12 19.7	1.528	2.494	7.2	20.1
10 28	2 37.11	+11 19.5	1.521	2.510	2.7	19.9
11 7	2 28.20	+10 21.0	1.541	2.526	3.1	20.0
11 17	2 20.08	+ 9 30.3	1.589	2.543	7.4	20.3
11 27	2 13.71	+ 8 53.0	1.662	2.559	11.4	20.5
12 7	2 9.71	+ 8 31.8	1.758	2.576	14.8	20.8

369763 2012 FG_{77} 11 2.7 222°.87 0°.3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.36	+17 24.1	1.501	2.337	16.9	21.1
10 8	2 56.24	+17 10.7	1.424	2.333	13.0	20.9
10 18	2 48.23	+16 44.5	1.368	2.329	8.4	20.6
10 28	2 38.17	+16 7.3	1.336	2.325	3.2	20.3
11 7	2 27.33	+15 23.7	1.332	2.321	2.3	20.2
11 17	2 17.14	+14 39.9	1.355	2.316	7.5	20.5
11 27	2 8.92	+14 2.9	1.403	2.311	12.4	20.8
12 7	2 3.54	+13 38.4	1.474	2.305	16.5	21.0

392354 2010 GM_{25} 11 2.7 174°.51 3°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.55	+ 6 53.7	2.188	3.026	12.3	21.4
10 8	2 52.31	+ 5 59.6	2.116	3.028	9.3	21.3
10 18	2 45.23	+ 5 2.5	2.070	3.030	6.1	21.1
10 28	2 36.95	+ 4 7.3	2.051	3.032	3.6	20.9
11 7	2 28.29	+ 3 19.2	2.061	3.033	4.5	21.0
11 17	2 20.12	+ 2 42.5	2.101	3.033	7.5	21.2
11 27	2 13.24	+ 2 20.5	2.167	3.033	10.6	21.4
12 7	2 8.21	+ 2 14.5	2.257	3.032	13.3	21.6

396027 2013 CP_{8} 11 2.7 132°.23 6°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.49	− 3 7.9	2.197	3.036	12.2	20.8
10 8	2 51.40	− 4 19.1	2.144	3.045	9.7	20.6
10 18	2 44.59	− 5 25.2	2.114	3.054	7.5	20.5
10 28	2 36.69	− 6 20.0	2.112	3.063	6.5	20.5
11 7	2 28.51	− 6 58.3	2.138	3.071	7.5	20.5
11 17	2 20.86	− 7 16.8	2.191	3.079	9.6	20.7
11 27	2 14.49	− 7 14.5	2.269	3.087	12.0	20.8
12 7	2 9.91	− 6 52.6	2.368	3.094	14.1	21.0

488021 2015 UK_{19} 11 2.7 7°.79 1°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.46	+14 30.6	1.812	2.653	14.3	21.4
10 8	2 51.19	+14 0.0	1.740	2.654	10.8	21.2
10 18	2 44.74	+13 20.3	1.690	2.655	6.7	21.0
10 28	2 36.81	+12 35.0	1.666	2.656	2.5	20.7
11 7	2 28.40	+11 48.9	1.670	2.657	2.5	20.7
11 17	2 20.54	+11 7.3	1.702	2.658	6.8	21.0
11 27	2 14.19	+10 35.4	1.760	2.660	10.7	21.2
12 7	2 10.00	+10 16.6	1.842	2.663	14.1	21.5

385348 2002 OG_{33} 11 2.7 108°.23 3°.0/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.79	+ 8 35.4	1.986	2.824	13.3	21.4
10 8	2 53.28	+ 7 51.1	1.928	2.841	10.0	21.2
10 18	2 45.82	+ 7 3.4	1.895	2.858	6.3	21.1
10 28	2 37.15	+ 6 16.8	1.889	2.874	3.3	20.9
11 7	2 28.19	+ 5 36.3	1.912	2.889	4.0	21.0
11 17	2 19.88	+ 5 6.2	1.964	2.905	7.3	21.2
11 27	2 13.04	+ 4 49.6	2.043	2.919	10.6	21.4
12 7	2 8.23	+ 4 47.8	2.145	2.934	13.5	21.7

453507 2009 UK_{58} 11 2.7 298°.53 1°.0/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.55	+20 8.6	2.188	3.006	12.9	21.7
10 8	2 50.34	+19 50.0	2.096	2.994	10.0	21.5
10 18	2 44.16	+19 19.6	2.027	2.982	6.6	21.3
10 28	2 36.62	+18 38.9	1.984	2.970	2.8	21.0
11 7	2 28.53	+17 51.2	1.970	2.959	1.7	20.9
11 17	2 20.82	+17 0.9	1.986	2.947	5.5	21.2
11 27	2 14.36	+16 13.5	2.029	2.935	9.1	21.4
12 7	2 9.81	+15 33.7	2.096	2.924	12.4	21.6

396444 2014 FL_{1} 11 2.7 328°.26 2°.5/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.44	+12 22.5	1.475	2.332	16.1	21.2
10 8	2 51.68	+11 32.5	1.401	2.324	12.2	20.9
10 18	2 45.30	+10 32.2	1.349	2.316	7.7	20.6
10 28	2 37.08	+ 9 27.1	1.321	2.309	3.3	20.3
11 7	2 28.19	+ 8 24.6	1.319	2.303	4.0	20.4
11 17	2 19.90	+ 7 32.0	1.344	2.297	8.7	20.6
11 27	2 13.40	+ 6 55.8	1.394	2.291	13.2	20.9
12 7	2 9.47	+ 6 39.4	1.464	2.286	17.1	21.1

118526 2000 EP_{30} 11 2.7 213°.22 0°.2/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 2.03	+16 35.7	1.995	2.814	14.0	20.9
10 8	2 56.13	+16 28.4	1.906	2.807	10.7	20.7
10 18	2 47.90	+16 11.8	1.841	2.799	6.9	20.5
10 28	2 38.02	+15 47.4	1.802	2.791	2.6	20.2
11 7	2 27.47	+15 18.1	1.793	2.781	1.9	20.1
11 17	2 17.38	+14 48.2	1.814	2.771	6.3	20.4
11 27	2 8.78	+14 22.5	1.862	2.761	10.3	20.6
12 7	2 2.44	+14 5.2	1.935	2.750	13.8	20.8

275522 1997 SB_{32} 11 2.7 354°.65 3°.0/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.46	+21 36.4	1.741	2.564	15.6	19.8
10 8	2 53.08	+22 14.6	1.662	2.559	12.2	19.6
10 18	2 46.16	+22 41.3	1.604	2.555	8.4	19.3
10 28	2 37.42	+22 55.5	1.571	2.551	4.6	19.1
11 7	2 27.93	+22 57.8	1.565	2.549	3.2	19.0
11 17	2 18.91	+22 50.8	1.586	2.548	6.5	19.2
11 27	2 11.54	+22 39.7	1.633	2.547	10.4	19.5
12 7	2 6.65	+22 29.7	1.703	2.547	14.0	19.7

510367 2011 TO_{4} 11 2.7 41°.84 6°.5/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.37	+ 0 33.2	1.491	2.349	15.9	20.8
10 8	2 53.45	− 0 14.1	1.447	2.364	12.3	20.6
10 18	2 46.13	− 0 56.7	1.424	2.380	8.7	20.4
10 28	2 37.30	− 1 27.8	1.425	2.396	6.6	20.4
11 7	2 28.15	− 1 41.5	1.453	2.413	7.6	20.5
11 17	2 19.84	− 1 34.8	1.506	2.430	10.6	20.7
11 27	2 13.40	− 1 7.1	1.583	2.447	13.9	20.9
12 7	2 9.40	− 0 20.4	1.680	2.465	16.8	21.2

179187 2001 TY_{147} 11 2.7 20°.54 3°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.09	+ 7 38.9	1.734	2.588	14.2	20.5
10 8	2 50.90	+ 6 44.2	1.670	2.591	10.7	20.3
10 18	2 44.54	+ 5 45.6	1.629	2.594	7.0	20.0
10 28	2 36.75	+ 4 49.0	1.614	2.597	4.0	19.9
11 7	2 28.52	+ 4 0.6	1.626	2.601	5.0	20.0
11 17	2 20.89	+ 3 25.8	1.665	2.605	8.5	20.2
11 27	2 14.79	+ 3 8.3	1.730	2.609	12.1	20.4
12 7	2 10.85	+ 3 9.3	1.816	2.614	15.2	20.6

392729 2012 RN_{1} 11 2.7 116°.03 12°.0/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.80	+ 0 39.0	1.036	1.915	19.7	20.5
10 8	2 54.69	− 3 9.0	0.996	1.921	15.7	20.3
10 18	2 47.31	− 6 57.1	0.978	1.927	12.6	20.1
10 28	2 37.80	−10 22.0	0.985	1.933	12.3	20.1
11 7	2 27.78	−13 3.5	1.016	1.939	14.7	20.3
11 17	2 18.88	−14 50.2	1.068	1.945	18.3	20.5
11 27	2 12.45	−15 41.2	1.139	1.950	21.7	20.8
12 7	2 9.19	−15 43.5	1.224	1.955	24.6	21.0

391150 2005 YS_{87} 11 2.7 339°.47 1°.6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.70	+13 22.5	1.208	2.077	18.2	20.8
10 8	2 51.74	+13 1.8	1.136	2.064	13.9	20.5
10 18	2 45.68	+12 30.1	1.082	2.052	8.8	20.2
10 28	2 37.32	+11 51.8	1.051	2.041	3.3	19.9
11 7	2 28.04	+11 13.1	1.045	2.032	3.5	19.9
11 17	2 19.38	+10 41.4	1.062	2.023	9.1	20.2
11 27	2 12.83	+10 23.4	1.103	2.016	14.4	20.4
12 7	2 9.34	+10 23.1	1.163	2.010	18.9	20.7

411075 2009 VH_{76} 11 2.7 315°.08 1°.6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.36	+22 21.0	2.214	3.026	13.0	20.6
10 8	2 50.13	+21 56.9	2.129	3.022	10.1	20.4
10 18	2 43.99	+21 19.5	2.066	3.018	6.8	20.2
10 28	2 36.56	+20 30.2	2.030	3.014	3.2	20.0
11 7	2 28.68	+19 32.3	2.022	3.010	1.9	19.9
11 17	2 21.22	+18 30.9	2.044	3.006	5.3	20.1
11 27	2 15.05	+17 31.8	2.094	3.002	8.8	20.3
12 7	2 10.76	+16 40.1	2.169	2.999	11.9	20.5

32314 Rachelzhang 11 2.7 323°.38 0°.0/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.99	+17 5.4	1.933	2.764	13.9	19.0
10 8	2 51.55	+16 43.0	1.854	2.761	10.6	18.8
10 18	2 44.98	+16 10.1	1.797	2.758	6.7	18.6
10 28	2 36.94	+15 29.0	1.766	2.755	2.5	18.3
11 7	2 28.39	+14 43.9	1.764	2.752	1.9	18.3
11 17	2 20.32	+13 59.7	1.790	2.750	6.2	18.5
11 27	2 13.69	+13 21.9	1.843	2.747	10.1	18.8
12 7	2 9.17	+12 54.6	1.920	2.745	13.5	19.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
115796 2003 UZ_{227}		11 2.7 50°.38 2°.5/ 4.1 18				
	h m	° ′			°	m
9 28	3 0.81	+21 59.4	1.211	2.052	19.9	19.3
10 8	2 56.18	+21 59.3	1.156	2.065	15.5	19.0
10 18	2 48.28	+21 40.1	1.121	2.078	10.3	18.8
10 28	2 38.19	+21 2.5	1.107	2.092	4.9	18.5
11 7	2 27.51	+20 11.5	1.119	2.107	3.0	18.5
11 17	2 17.88	+19 15.0	1.156	2.121	7.8	18.8
11 27	2 10.71	+18 22.5	1.217	2.136	12.8	19.1
12 7	2 6.77	+17 41.6	1.299	2.152	17.0	19.4
190314 1997 VU_{1}		11 2.7 7°.79 0°.7/ 3.0 18				
9 28	3 0.20	+14 48.2	1.730	2.564	15.1	19.1
10 8	2 54.99	+15 28.0	1.658	2.566	11.6	18.9
10 18	2 47.28	+16 2.2	1.608	2.569	7.4	18.6
10 28	2 37.82	+16 30.8	1.584	2.573	2.9	18.4
11 7	2 27.72	+16 54.5	1.589	2.577	2.0	18.3
11 17	2 18.17	+17 15.3	1.621	2.583	6.5	18.6
11 27	2 10.30	+17 36.2	1.680	2.589	10.6	18.9
12 7	2 4.89	+18 0.2	1.763	2.596	14.1	19.1
165914 2001 TE_{31}		11 2.7 313°.83 3°.1/ 5.6 17				
9 28	2 53.93	+26 39.5	2.379	3.171	12.8	19.7
10 8	2 49.83	+26 34.9	2.284	3.159	10.3	19.5
10 18	2 43.84	+26 15.9	2.210	3.148	7.3	19.3
10 28	2 36.52	+25 42.5	2.163	3.136	4.4	19.1
11 7	2 28.69	+24 56.6	2.144	3.125	3.1	19.0
11 17	2 21.22	+24 2.1	2.154	3.114	5.2	19.2
11 27	2 14.94	+23 4.4	2.192	3.103	8.3	19.3
12 7	2 10.50	+22 9.2	2.256	3.093	11.3	19.5
13649 1996 PM_{4}		11 2.7 209°.78 0°.0/ 2.7 18				
9 28	2 55.00	+16 44.1	2.775	3.591	10.6	18.6
10 8	2 50.19	+16 26.1	2.687	3.586	8.0	18.4
10 18	2 43.85	+16 0.8	2.623	3.581	5.1	18.2
10 28	2 36.49	+15 30.0	2.588	3.576	1.9	18.0
11 7	2 28.75	+14 56.1	2.583	3.571	1.4	17.9
11 17	2 21.33	+14 22.5	2.608	3.565	4.7	18.1
11 27	2 14.90	+13 52.6	2.663	3.560	7.7	18.3
12 7	2 9.98	+13 29.5	2.743	3.553	10.3	18.5
102463 1999 TD_{230}		11 2.7 80°.27 5°.7/30.5 18				
9 28	3 1.25	+ 4 13.7	1.381	2.238	17.0	19.4
10 8	2 55.80	+ 3 14.8	1.335	2.255	12.9	19.2
10 18	2 47.69	+ 2 16.2	1.309	2.271	8.7	19.0
10 28	2 37.90	+ 1 25.6	1.309	2.287	5.9	18.8
11 7	2 27.76	+ 0 50.1	1.335	2.303	6.9	19.0
11 17	2 18.58	+ 0 34.7	1.386	2.319	10.5	19.2
11 27	2 11.47	+ 0 41.3	1.461	2.334	14.3	19.5
12 7	2 7.07	+ 1 8.9	1.557	2.350	17.6	19.7
97731 2000 GO_{169}		11 2.7 216°.97 2°.3/ 4.9 17				
9 28	2 56.70	+24 0.3	2.722	3.512	11.5	20.5
10 8	2 51.62	+24 6.7	2.630	3.507	9.0	20.3
10 18	2 44.83	+24 2.5	2.561	3.502	6.3	20.1
10 28	2 36.88	+23 47.6	2.520	3.497	3.5	20.0
11 7	2 28.47	+23 23.4	2.508	3.491	2.4	19.9
11 17	2 20.38	+22 52.8	2.526	3.485	4.7	20.0
11 27	2 13.36	+22 19.7	2.574	3.479	7.5	20.2
12 7	2 8.00	+21 48.1	2.648	3.473	10.2	20.4
2505 Hebei		11 2.7 117°.49 0°.3/ 2.4 18				
9 28	2 56.04	+15 35.7	2.601	3.420	11.1	17.0
10 8	2 50.93	+15 15.3	2.531	3.433	8.4	16.9
10 18	2 44.27	+14 48.2	2.487	3.446	5.2	16.7
10 28	2 36.62	+14 16.3	2.470	3.459	1.9	16.5
11 7	2 28.70	+13 42.8	2.483	3.471	1.6	16.5
11 17	2 21.21	+13 10.9	2.527	3.483	4.9	16.7
11 27	2 14.84	+12 44.1	2.600	3.495	7.9	17.0
12 7	2 10.07	+12 25.1	2.698	3.506	10.5	17.1
366996 2005 YE_{200}		11 2.7 183°.46 0°.7/ 3.5 17				
9 28	2 55.65	+19 27.1	3.028	3.830	10.1	22.8
10 8	2 50.55	+19 12.1	2.940	3.831	7.8	22.6
10 18	2 44.02	+18 48.9	2.878	3.830	5.0	22.4
10 28	2 36.54	+18 18.8	2.844	3.830	2.1	22.2
11 7	2 28.74	+17 44.1	2.840	3.828	1.3	22.2
11 17	2 21.26	+17 7.6	2.868	3.827	4.2	22.4
11 27	2 14.73	+16 32.9	2.926	3.825	7.0	22.6
12 7	2 9.61	+16 3.1	3.010	3.822	9.4	22.7
28410 1999 TE_{246}		11 2.7 92°.28 3°.1/30.9 18				
9 28	2 54.57	+ 8 12.7	2.193	3.035	12.1	18.7
10 8	2 50.06	+ 7 17.2	2.128	3.042	9.1	18.6
10 18	2 43.82	+ 6 18.3	2.087	3.050	5.8	18.4
10 28	2 36.48	+ 5 20.5	2.074	3.057	3.3	18.2
11 7	2 28.82	+ 4 28.9	2.091	3.065	4.1	18.3
11 17	2 21.65	+ 3 48.1	2.135	3.072	7.1	18.5
11 27	2 15.72	+ 3 21.3	2.207	3.080	10.1	18.7
12 7	2 11.55	+ 3 9.9	2.302	3.087	12.8	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
499 Venusia		11 2.7 339°.98 0°.5/ 3.2 18				
	h m	° ′			°	m
9 28	2 51.42	+18 23.4	2.432	3.256	11.6	14.6
10 8	2 47.78	+18 7.2	2.342	3.245	8.9	14.4
10 18	2 42.48	+17 41.8	2.276	3.234	5.7	14.2
10 28	2 36.02	+17 9.0	2.237	3.224	2.3	13.9
11 7	2 29.13	+16 31.5	2.226	3.215	1.5	13.9
11 17	2 22.55	+15 53.2	2.245	3.206	5.0	14.1
11 27	2 17.04	+15 18.2	2.291	3.197	8.3	14.3
12 7	2 13.16	+14 50.3	2.363	3.189	11.2	14.5
138211 2000 EF_{167}		11 2.7 246°.70 5°.1/ 5.9 18				
9 28	3 2.96	+28 28.9	2.052	2.829	15.1	20.0
10 8	2 57.16	+29 15.3	1.959	2.821	12.4	19.8
10 18	2 48.77	+29 47.3	1.888	2.813	9.3	19.5
10 28	2 38.45	+30 1.9	1.843	2.804	6.3	19.4
11 7	2 27.26	+29 58.2	1.825	2.795	5.1	19.3
11 17	2 16.44	+29 38.4	1.836	2.786	6.9	19.4
11 27	2 7.20	+29 7.8	1.874	2.777	10.0	19.5
12 7	2 0.42	+28 33.3	1.937	2.768	13.1	19.7
132492 2002 JO_{30}		11 2.7 147°.75 2°.0/ 1.3 18				
9 28	2 59.20	+10 58.0	1.906	2.744	13.8	19.9
10 8	2 53.86	+10 30.1	1.836	2.748	10.4	19.7
10 18	2 46.37	+ 9 56.6	1.789	2.753	6.5	19.5
10 28	2 37.46	+ 9 21.4	1.769	2.757	2.8	19.2
11 7	2 28.09	+ 8 48.7	1.777	2.761	3.2	19.3
11 17	2 19.29	+ 8 23.0	1.815	2.764	7.1	19.5
11 27	2 12.01	+ 8 8.2	1.879	2.767	10.8	19.8
12 7	2 6.88	+ 8 6.5	1.966	2.770	14.0	20.0
71922 2000 WW_{55}		11 2.7 255°.91 0°.7/ 2.2 18				
9 28	2 59.69	+14 18.7	2.091	2.916	13.2	19.7
10 8	2 54.37	+14 3.4	1.991	2.897	10.1	19.5
10 18	2 46.84	+13 40.4	1.916	2.877	6.4	19.2
10 28	2 37.70	+13 11.7	1.867	2.856	2.4	18.9
11 7	2 27.85	+12 40.6	1.848	2.835	2.2	18.8
11 17	2 18.30	+12 11.4	1.859	2.814	6.4	19.1
11 27	2 10.07	+11 48.6	1.897	2.792	10.4	19.3
12 7	2 3.91	+11 35.9	1.959	2.769	13.8	19.5
152265 2005 SU_{173}		11 2.7 13°.18 0°.4/ 2.9 18				
9 28	2 55.23	+19 7.4	1.200	2.057	19.0	19.3
10 8	2 52.01	+18 34.2	1.139	2.060	14.6	19.1
10 18	2 45.72	+17 42.6	1.098	2.063	9.4	18.8
10 28	2 37.31	+16 36.4	1.078	2.067	3.6	18.5
11 7	2 28.23	+15 23.1	1.084	2.073	2.4	18.4
11 17	2 20.03	+14 12.2	1.114	2.079	8.2	18.8
11 27	2 14.04	+13 13.1	1.168	2.086	13.3	19.1
12 7	2 11.07	+12 32.3	1.242	2.093	17.7	19.4
60320 1999 XG_{253}		11 2.7 73°.90 1°.4/ 1.6 18				
9 28	2 56.91	+12 19.8	2.106	2.940	12.8	19.7
10 8	2 51.85	+11 53.3	2.047	2.958	9.6	19.5
10 18	2 44.95	+11 21.2	2.012	2.975	6.0	19.4
10 28	2 36.90	+10 46.7	2.004	2.993	2.3	19.2
11 7	2 28.56	+10 13.7	2.025	3.010	2.6	19.2
11 17	2 20.81	+ 9 46.1	2.075	3.027	6.1	19.5
11 27	2 14.42	+ 9 27.4	2.153	3.045	9.5	19.7
12 7	2 9.93	+ 9 19.9	2.255	3.062	12.4	19.9
134284 2006 CC_{42}		11 2.7 181°.26 7°.0/25.2 18				
9 28	2 53.10	− 7 20.5	2.670	3.500	10.5	20.6
10 8	2 48.71	− 8 57.0	2.613	3.501	8.7	20.5
10 18	2 42.89	−10 27.5	2.582	3.501	7.4	20.4
10 28	2 36.14	−11 45.7	2.579	3.501	7.1	20.4
11 7	2 29.11	−12 46.5	2.603	3.500	8.0	20.5
11 17	2 22.45	−13 26.6	2.655	3.500	9.7	20.6
11 27	2 16.77	−13 44.5	2.730	3.499	11.5	20.7
12 7	2 12.54	−13 41.5	2.825	3.498	13.1	20.8
27640 3273 $T\text{-}_{1}$		11 2.7 109°.66 0°.6/ 3.1 18				
9 28	3 2.73	+18 22.1	1.728	2.551	15.7	18.9
10 8	2 56.67	+18 8.1	1.667	2.569	11.9	18.7
10 18	2 48.17	+17 42.1	1.628	2.586	7.7	18.5
10 28	2 38.12	+17 6.2	1.616	2.603	3.0	18.2
11 7	2 27.67	+16 24.5	1.632	2.620	1.9	18.2
11 17	2 18.02	+15 42.4	1.676	2.636	6.5	18.5
11 27	2 10.22	+15 5.7	1.748	2.652	10.5	18.8
12 7	2 4.90	+14 39.2	1.843	2.667	14.0	19.1
233166 2005 UF_{508}		11 2.7 19°.92 4°.0/31.3 18				
9 28	2 56.43	+ 8 24.6	1.393	2.256	16.5	19.7
10 8	2 52.39	+ 7 34.1	1.334	2.259	12.5	19.4
10 18	2 45.71	+ 6 38.6	1.296	2.263	8.0	19.2
10 28	2 37.27	+ 5 44.6	1.283	2.268	4.4	19.0
11 7	2 28.29	+ 4 59.6	1.296	2.274	5.4	19.1
11 17	2 20.08	+ 4 29.6	1.334	2.280	9.5	19.3
11 27	2 13.76	+ 4 18.9	1.396	2.286	13.7	19.6
12 7	2 10.06	+ 4 28.5	1.479	2.294	17.3	19.9

492155 2013 PR_{14} 11 2.7 204°.13 1°.0/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.27	+20 54.4	2.619	3.426	11.4	21.9
10 8	2 49.76	+20 30.1	2.532	3.424	8.8	21.7
10 18	2 43.64	+19 55.2	2.470	3.422	5.8	21.5
10 28	2 36.45	+19 11.3	2.435	3.420	2.6	21.3
11 7	2 28.89	+18 21.4	2.430	3.418	1.5	21.2
11 17	2 21.70	+17 29.2	2.455	3.416	4.6	21.4
11 27	2 15.59	+16 39.5	2.510	3.413	7.8	21.6
12 7	2 11.08	+15 56.3	2.590	3.411	10.5	21.8

307044 2001 XA_{243} 11 2.7 300°.58 3°.6/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.99	+ 7 51.7	1.544	2.397	15.7	20.0
10 8	2 54.32	+ 7 23.1	1.468	2.388	12.0	19.7
10 18	2 47.00	+ 6 50.7	1.413	2.378	7.8	19.5
10 28	2 37.80	+ 6 19.6	1.384	2.369	4.0	19.2
11 7	2 27.86	+ 5 55.3	1.381	2.360	4.8	19.3
11 17	2 18.47	+ 5 42.9	1.405	2.352	9.0	19.5
11 27	2 10.85	+ 5 46.2	1.453	2.343	13.3	19.7
12 7	2 5.81	+ 6 6.6	1.523	2.335	17.0	20.0

228962 2003 UT_{133} 11 2.7 55°.58 2°.3/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.55	+25 59.4	2.245	3.042	13.3	19.8
10 8	2 50.21	+25 23.3	2.166	3.047	10.5	19.7
10 18	2 44.01	+24 31.0	2.108	3.052	7.3	19.5
10 28	2 36.59	+23 24.1	2.078	3.056	3.9	19.3
11 7	2 28.81	+22 6.3	2.076	3.061	2.4	19.2
11 17	2 21.54	+20 43.4	2.104	3.066	5.1	19.4
11 27	2 15.61	+19 22.2	2.161	3.071	8.5	19.6
12 7	2 11.56	+18 8.6	2.243	3.076	11.5	19.8

81077 2000 EZ_{86} 11 2.7 74°.95 3°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.87	+25 11.6	1.847	2.650	15.6	18.6
10 8	2 54.53	+25 14.0	1.784	2.668	12.3	18.4
10 18	2 46.85	+25 0.3	1.742	2.685	8.5	18.2
10 28	2 37.65	+24 30.5	1.726	2.703	4.8	18.1
11 7	2 28.04	+23 47.6	1.737	2.721	3.3	18.0
11 17	2 19.16	+22 56.7	1.777	2.738	6.0	18.2
11 27	2 12.02	+22 4.5	1.844	2.756	9.6	18.5
12 7	2 7.25	+21 17.3	1.936	2.773	12.9	18.7

439805 2015 HB_{176} 11 2.7 108°.07 3°.1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.93	+ 6 29.1	1.905	2.738	14.0	20.1
10 8	2 57.22	+ 6 16.5	1.849	2.757	10.6	19.9
10 18	2 48.37	+ 6 3.1	1.816	2.776	6.8	19.7
10 28	2 38.18	+ 5 52.5	1.811	2.794	3.6	19.6
11 7	2 27.67	+ 5 48.1	1.835	2.812	4.1	19.6
11 17	2 17.89	+ 5 52.6	1.888	2.829	7.5	19.9
11 27	2 9.77	+ 6 8.1	1.968	2.846	10.9	20.1
12 7	2 3.90	+ 6 35.0	2.072	2.862	13.9	20.4

303591 2005 GK_{176} 11 2.7 118°.27 3°.2/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.45	+ 8 1.9	1.971	2.813	13.2	20.8
10 8	2 52.42	+ 7 18.5	1.905	2.820	10.0	20.6
10 18	2 45.42	+ 6 31.8	1.864	2.827	6.4	20.4
10 28	2 37.12	+ 5 46.4	1.850	2.833	3.5	20.2
11 7	2 28.44	+ 5 7.4	1.864	2.840	4.2	20.3
11 17	2 20.33	+ 4 39.1	1.906	2.846	7.5	20.5
11 27	2 13.64	+ 4 24.8	1.975	2.852	10.9	20.7
12 7	2 8.96	+ 4 25.7	2.067	2.858	13.9	21.0

341994 2008 RP_{16} 11 2.7 82°.63 0°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.33	+19 58.4	1.613	2.440	16.4	21.6
10 8	2 55.01	+19 33.0	1.555	2.458	12.5	21.4
10 18	2 47.18	+18 53.1	1.518	2.476	8.1	21.1
10 28	2 37.77	+18 1.2	1.507	2.495	3.3	20.9
11 7	2 27.98	+17 2.6	1.524	2.512	2.0	20.9
11 17	2 19.04	+16 3.8	1.568	2.530	6.6	21.2
11 27	2 12.00	+15 11.9	1.639	2.548	10.8	21.5
12 7	2 7.49	+14 32.1	1.734	2.565	14.4	21.8

328064 2007 VR_{56} 11 2.7 265°.42 3°.0/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.13	+10 35.3	1.454	2.306	16.6	21.4
10 8	2 55.44	+ 9 54.5	1.372	2.292	12.6	21.1
10 18	2 47.87	+ 9 5.3	1.312	2.278	8.1	20.8
10 28	2 38.17	+ 8 13.0	1.277	2.264	3.7	20.6
11 7	2 27.60	+ 7 24.3	1.268	2.250	4.5	20.6
11 17	2 17.56	+ 6 46.4	1.285	2.235	9.3	20.8
11 27	2 9.40	+ 6 25.0	1.327	2.221	14.0	21.0
12 7	2 4.05	+ 6 23.3	1.390	2.206	18.2	21.3

65258 2002 FH_{37} 11 2.7 82°.33 5°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.56	− 0 18.1	2.121	2.965	12.4	18.9
10 8	2 50.87	− 1 14.2	2.061	2.969	9.6	18.8
10 18	2 44.38	− 2 7.3	2.024	2.973	7.1	18.6
10 28	2 36.73	− 2 51.6	2.014	2.977	5.7	18.5
11 7	2 28.74	− 3 22.1	2.032	2.981	6.6	18.6
11 17	2 21.25	− 3 35.4	2.077	2.985	9.0	18.8
11 27	2 15.04	− 3 30.0	2.147	2.989	11.7	18.9
12 7	2 10.65	− 3 6.6	2.240	2.993	14.1	19.1

474253 2001 SH_{217} 11 2.7 359°.19 1°.5/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 51.93	+14 41.1	1.039	1.919	19.6	20.6
10 8	2 49.90	+14 9.7	0.980	1.914	14.9	20.3
10 18	2 44.60	+13 24.1	0.939	1.911	9.4	20.0
10 28	2 36.98	+12 29.4	0.919	1.909	3.4	19.7
11 7	2 28.54	+11 34.2	0.922	1.910	3.5	19.7
11 17	2 20.95	+10 47.5	0.948	1.912	9.5	20.0
11 27	2 15.66	+10 17.3	0.996	1.915	14.9	20.3
12 7	2 13.56	+10 7.9	1.062	1.921	19.5	20.6

97599 2000 EH_{57} 11 2.7 100°.51 7°.7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 3.36	+39 22.1	2.495	3.201	14.5	19.2
10 8	2 57.30	+40 27.1	2.410	3.204	12.5	19.1
10 18	2 48.79	+41 14.3	2.346	3.207	10.5	18.9
10 28	2 38.47	+41 39.7	2.306	3.210	8.7	18.8
11 7	2 27.37	+41 41.4	2.291	3.212	7.7	18.8
11 17	2 16.66	+41 20.7	2.304	3.215	8.1	18.8
11 27	2 7.48	+40 42.1	2.344	3.218	9.6	18.9
12 7	2 0.65	+39 52.9	2.408	3.221	11.5	19.1

397996 2009 BV_{147} 11 2.7 254°.89 6°.4/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.66	+ 0 24.7	1.957	2.805	13.1	21.7
10 8	2 51.22	− 1 0.9	1.883	2.795	10.3	21.5
10 18	2 44.77	− 2 26.2	1.833	2.783	7.6	21.3
10 28	2 36.93	− 3 43.5	1.810	2.772	6.4	21.2
11 7	2 28.58	− 4 45.8	1.815	2.760	7.6	21.2
11 17	2 20.68	− 5 27.4	1.846	2.748	10.3	21.4
11 27	2 14.11	− 5 45.4	1.902	2.736	13.2	21.6
12 7	2 9.52	− 5 40.0	1.978	2.724	15.9	21.7

52951 1998 SO_{147} 11 2.7 142°.02 0°.3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 4.11	+16 17.2	1.845	2.666	14.9	19.4
10 8	2 57.71	+16 19.8	1.775	2.676	11.4	19.2
10 18	2 48.88	+16 13.6	1.727	2.686	7.3	19.0
10 28	2 38.44	+15 59.7	1.706	2.695	2.8	18.7
11 7	2 27.48	+15 41.0	1.715	2.703	1.9	18.7
11 17	2 17.18	+15 21.5	1.752	2.711	6.4	19.0
11 27	2 8.61	+15 5.8	1.818	2.718	10.4	19.2
12 7	2 2.47	+14 57.7	1.907	2.725	13.8	19.5

133175 2003 QB_{47} 11 2.7 339°.79 0°.9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.48	+15 7.7	1.950	2.789	13.5	19.3
10 8	2 49.65	+14 29.4	1.870	2.784	10.2	19.0
10 18	2 43.81	+13 41.4	1.814	2.778	6.4	18.8
10 28	2 36.58	+12 47.2	1.783	2.773	2.3	18.5
11 7	2 28.86	+11 51.5	1.781	2.768	2.4	18.5
11 17	2 21.59	+11 0.1	1.807	2.764	6.4	18.8
11 27	2 15.68	+10 18.2	1.860	2.760	10.3	19.0
12 7	2 11.76	+ 9 49.5	1.936	2.756	13.6	19.2

469755 2005 QB_{21} 11 2.7 37°.46 0°.9/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.39	+17 43.4	1.114	1.971	20.2	20.0
10 8	2 55.89	+17 47.0	1.070	1.990	15.4	19.8
10 18	2 48.09	+17 35.9	1.044	2.009	9.8	19.5
10 28	2 38.17	+17 12.5	1.041	2.029	3.9	19.3
11 7	2 27.76	+16 41.7	1.062	2.050	2.5	19.3
11 17	2 18.52	+16 10.4	1.107	2.072	8.1	19.7
11 27	2 11.82	+15 46.0	1.176	2.095	13.2	20.0
12 7	2 8.35	+15 33.7	1.266	2.118	17.4	20.4

231634 2009 UD_{36} 11 2.7 205°.79 0°.7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.93	+15 48.7	2.388	3.215	11.7	20.2
10 8	2 49.59	+15 2.0	2.308	3.214	8.8	20.1
10 18	2 43.58	+14 6.3	2.251	3.213	5.5	19.8
10 28	2 36.45	+13 4.8	2.223	3.212	2.0	19.6
11 7	2 28.97	+12 1.9	2.224	3.210	2.0	19.6
11 17	2 21.89	+11 2.5	2.255	3.209	5.5	19.8
11 27	2 15.96	+10 11.2	2.314	3.207	8.8	20.1
12 7	2 11.70	+ 9 31.6	2.398	3.206	11.7	20.2

366149 2012 EC_{4} 11 2.7 82°.08 5°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 53.53	+ 0 54.3	2.247	3.092	11.7	20.5
10 8	2 49.22	− 0 26.2	2.190	3.101	9.1	20.4
10 18	2 43.29	− 1 45.1	2.159	3.109	6.6	20.2
10 28	2 36.33	− 2 56.1	2.155	3.118	5.4	20.2
11 7	2 29.09	− 3 53.7	2.180	3.126	6.5	20.3
11 17	2 22.32	− 4 33.7	2.232	3.135	8.7	20.4
11 27	2 16.74	− 4 54.0	2.309	3.143	11.2	20.6
12 7	2 12.82	− 4 54.7	2.409	3.152	13.5	20.8

469765 2005 QD_{46} 11 2.7 12°.52 3°.7/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.17	+21 59.3	1.280	2.116	19.3	20.9
10 8	2 56.66	+22 39.2	1.214	2.118	15.2	20.7
10 18	2 48.82	+23 3.6	1.166	2.120	10.5	20.4
10 28	2 38.56	+23 10.5	1.142	2.123	5.7	20.2
11 7	2 27.39	+23 1.0	1.142	2.127	3.9	20.1
11 17	2 17.01	+22 39.7	1.167	2.131	8.0	20.3
11 27	2 8.97	+22 14.3	1.217	2.137	12.7	20.6
12 7	2 4.23	+21 52.6	1.288	2.142	17.0	20.9

184473 2005 NN_{122} 11 2.7 3°.34 1°.8/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.98	+12 13.4	1.736	2.583	14.5	20.8
10 8	2 51.70	+11 41.2	1.666	2.583	11.0	20.6
10 18	2 45.16	+11 1.6	1.617	2.583	6.9	20.3
10 28	2 37.10	+10 18.7	1.595	2.583	2.8	20.1
11 7	2 28.51	+ 9 37.5	1.599	2.584	3.2	20.1
11 17	2 20.49	+ 9 3.5	1.632	2.585	7.3	20.4
11 27	2 14.04	+ 8 41.2	1.690	2.586	11.3	20.6
12 7	2 9.82	+ 8 33.3	1.771	2.588	14.8	20.8

76882 2000 YA_{54} 11 2.7 181°.39 5°.7/30.3 18

9 28	3 1.20	+ 3 10.4	1.585	2.434	15.6	19.2
10 8	2 55.75	+ 2 17.3	1.520	2.435	12.0	19.0
10 18	2 47.76	+ 1 24.5	1.477	2.435	8.3	18.8
10 28	2 38.06	+ 0 38.8	1.460	2.435	5.8	18.6
11 7	2 27.81	+ 0 7.0	1.470	2.435	6.8	18.7
11 17	2 18.23	− 0 6.2	1.506	2.434	10.2	18.9
11 27	2 10.46	+ 0 1.6	1.567	2.433	13.9	19.1
12 7	2 5.22	+ 0 30.0	1.649	2.432	17.2	19.3

492718 2014 QK_{40} 11 2.7 72°.37 4°.4/ 6.5 18

9 28	2 58.19	+29 28.6	2.207	2.984	14.2	21.1
10 8	2 53.15	+29 45.0	2.130	2.992	11.5	20.9
10 18	2 45.98	+29 45.4	2.075	3.000	8.5	20.8
10 28	2 37.38	+29 28.6	2.046	3.008	5.7	20.6
11 7	2 28.30	+28 55.9	2.044	3.016	4.4	20.5
11 17	2 19.75	+28 10.9	2.071	3.025	5.9	20.7
11 27	2 12.66	+27 19.4	2.125	3.033	8.7	20.8
12 7	2 7.68	+26 27.8	2.205	3.041	11.5	21.0

325647 2009 SL_{326} 11 2.7 21°.90 2°.3/ 1.3 18

9 28	2 56.96	+ 9 20.4	1.788	2.636	14.2	20.7
10 8	2 52.30	+ 9 9.3	1.725	2.642	10.7	20.5
10 18	2 45.46	+ 8 54.9	1.684	2.649	6.7	20.3
10 28	2 37.19	+ 8 40.6	1.669	2.657	3.0	20.0
11 7	2 28.47	+ 8 30.2	1.682	2.665	3.4	20.1
11 17	2 20.35	+ 8 27.0	1.723	2.674	7.2	20.3
11 27	2 13.77	+ 8 34.0	1.789	2.683	10.9	20.6
12 7	2 9.37	+ 8 52.6	1.879	2.693	14.2	20.8

326782 2003 SK_{234} 11 2.7 279°.18 0°.1/ 2.6 17

9 28	2 57.39	+14 59.5	2.305	3.128	12.2	20.3
10 8	2 52.34	+15 0.1	2.220	3.124	9.3	20.1
10 18	2 45.41	+14 54.4	2.159	3.119	5.9	19.9
10 28	2 37.19	+14 43.7	2.126	3.115	2.2	19.7
11 7	2 28.47	+14 30.4	2.122	3.110	1.7	19.6
11 17	2 20.13	+14 17.6	2.148	3.106	5.4	19.9
11 27	2 12.99	+14 8.6	2.202	3.101	8.9	20.1
12 7	2 7.69	+14 6.2	2.281	3.097	11.9	20.3

66109 1998 SB_{35} 11 2.7 359°.78 7°.8/27.2 18

9 28	2 54.19	+12 5.1	0.955	1.840	20.4	18.2
10 8	2 51.62	+ 8 23.9	0.900	1.839	15.3	17.9
10 18	2 45.63	+ 4 17.4	0.867	1.838	10.2	17.7
10 28	2 37.35	+ 0 8.5	0.859	1.838	7.9	17.5
11 7	2 28.42	− 3 35.5	0.877	1.838	10.9	17.7
11 17	2 20.53	− 6 32.7	0.918	1.839	15.9	18.0
11 27	2 15.12	− 8 32.8	0.979	1.840	20.7	18.3
12 7	2 12.95	− 9 37.2	1.056	1.842	24.6	18.6

342355 2008 TD_{177} 11 2.7 0°.92 8°.9/26.3 18

9 28	2 45.78	+ 6 0.2	1.007	1.906	18.4	19.4
10 8	2 45.06	+ 3 4.2	0.959	1.902	14.1	19.1
10 18	2 41.42	− 0 1.2	0.932	1.899	10.2	18.9
10 28	2 35.79	− 2 57.1	0.927	1.899	8.9	18.8
11 7	2 29.56	− 5 24.3	0.946	1.901	11.4	19.0
11 17	2 24.14	− 7 9.5	0.986	1.905	15.4	19.2
11 27	2 20.76	− 8 7.1	1.046	1.910	19.4	19.5
12 7	2 20.13	− 8 20.0	1.121	1.918	22.8	19.7

406981 2009 QL_{64} 11 2.7 300°.64 4°.0/ 5.6 17

9 28	2 58.67	+26 40.0	2.126	2.916	14.2	21.0
10 8	2 53.71	+27 5.9	2.037	2.910	11.5	20.8
10 18	2 46.49	+27 17.9	1.969	2.903	8.3	20.6
10 28	2 37.64	+27 14.5	1.928	2.897	5.3	20.4
11 7	2 28.12	+26 56.3	1.914	2.891	4.0	20.3
11 17	2 19.00	+26 26.3	1.928	2.885	6.1	20.4
11 27	2 11.31	+25 49.8	1.970	2.879	9.3	20.6
12 7	2 5.79	+25 12.9	2.037	2.873	12.4	20.8

72546 2001 ES 11 2.7 327°.80 3°.3/ 4.7 18

9 28	2 56.55	+24 3.5	1.238	2.078	19.6	18.6
10 8	2 53.38	+24 0.8	1.161	2.067	15.6	18.4
10 18	2 46.88	+23 36.0	1.102	2.057	10.8	18.1
10 28	2 37.91	+22 48.5	1.064	2.047	5.7	17.7
11 7	2 27.92	+21 42.3	1.051	2.038	3.6	17.6
11 17	2 18.60	+20 25.9	1.063	2.030	8.1	17.8
11 27	2 11.55	+19 10.5	1.098	2.022	13.4	18.1
12 7	2 7.76	+18 6.5	1.154	2.015	18.1	18.4

392566 2011 ST_{103} 11 2.7 19°.85 3°.4/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.90	+ 7 57.1	1.402	2.262	16.6	19.9
10 8	2 53.51	+ 7 39.5	1.345	2.269	12.5	19.7
10 18	2 46.44	+ 7 19.4	1.309	2.276	8.0	19.4
10 28	2 37.60	+ 7 1.3	1.297	2.284	4.0	19.2
11 7	2 28.23	+ 6 50.3	1.312	2.293	4.6	19.3
11 17	2 19.64	+ 6 50.6	1.352	2.302	8.8	19.6
11 27	2 12.98	+ 7 5.1	1.416	2.313	13.1	19.8
12 7	2 8.97	+ 7 34.3	1.501	2.324	16.7	20.1

495769 2017 EE_{6} 11 2.7 243°.09 7°.4/ 8.1 17

9 28	3 6.38	+37 34.9	2.597	3.305	13.9	21.4
10 8	2 59.67	+38 50.4	2.498	3.296	12.0	21.2
10 18	2 50.40	+39 50.6	2.421	3.288	10.0	21.1
10 28	2 39.17	+40 31.1	2.369	3.279	8.2	20.9
11 7	2 26.95	+40 49.0	2.344	3.269	7.4	20.9
11 17	2 14.91	+40 44.5	2.348	3.260	7.9	20.9
11 27	2 4.27	+40 21.6	2.379	3.250	9.6	21.0
12 7	1 55.94	+39 46.9	2.436	3.240	11.6	21.1

20156 Herbwindolf 11 2.7 346°.29 4°.0/ 1.0 18

9 28	3 0.75	+ 7 7.0	1.208	2.073	18.4	18.1
10 8	2 56.25	+ 6 54.4	1.143	2.069	14.1	17.9
10 18	2 48.52	+ 6 39.8	1.097	2.064	9.1	17.6
10 28	2 38.47	+ 6 28.7	1.075	2.061	4.6	17.3
11 7	2 27.56	+ 6 26.4	1.077	2.058	5.3	17.4
11 17	2 17.42	+ 6 37.5	1.104	2.056	10.2	17.6
11 27	2 9.53	+ 7 4.8	1.154	2.054	15.0	17.9
12 7	2 4.82	+ 7 48.8	1.223	2.053	19.3	18.2

218273 2003 EW_{61} 11 2.7 173°.44 2°.7/31.6 18

9 28	2 56.68	+ 8 19.9	2.183	3.022	12.3	20.4
10 8	2 51.76	+ 7 45.4	2.110	3.023	9.2	20.2
10 18	2 45.00	+ 7 7.7	2.061	3.023	5.9	20.0
10 28	2 37.03	+ 6 30.7	2.039	3.024	3.1	19.9
11 7	2 28.65	+ 5 58.6	2.047	3.024	3.7	19.9
11 17	2 20.72	+ 5 35.2	2.083	3.025	6.9	20.1
11 27	2 14.06	+ 5 23.6	2.146	3.025	10.1	20.3
12 7	2 9.24	+ 5 25.3	2.233	3.025	13.0	20.5

503792 2017 AB_{15} 11 2.7 318°.32 3°.1/ 4.9 18

9 28	2 56.05	+24 22.2	1.642	2.462	16.5	20.8
10 8	2 52.30	+24 22.7	1.552	2.447	13.1	20.6
10 18	2 45.88	+24 5.7	1.483	2.432	9.1	20.3
10 28	2 37.49	+23 30.6	1.438	2.418	5.0	20.0
11 7	2 28.25	+22 40.2	1.419	2.404	3.3	19.9
11 17	2 19.47	+21 40.0	1.426	2.390	6.8	20.1
11 27	2 12.42	+20 38.1	1.460	2.377	11.2	20.3
12 7	2 7.97	+19 42.5	1.516	2.365	15.2	20.5

451635 2012 GD_{29} 11 2.7 235°.00 1°.4/ 3.8 17

9 28	2 58.21	+19 46.0	2.474	3.280	12.0	21.9
10 8	2 52.93	+19 55.0	2.383	3.274	9.3	21.7
10 18	2 45.79	+19 55.3	2.315	3.267	6.2	21.5
10 28	2 37.35	+19 47.3	2.275	3.260	2.8	21.2
11 7	2 28.39	+19 32.5	2.265	3.252	1.8	21.2
11 17	2 19.76	+19 13.6	2.285	3.245	5.0	21.4
11 27	2 12.29	+18 54.5	2.334	3.237	8.3	21.6
12 7	2 6.61	+18 38.8	2.408	3.230	11.2	21.7

486458 2013 GY_{26} 11 2.7 129°.71 3°.4/31.1 18

9 28	2 56.80	+ 6 38.7	2.039	2.882	12.8	21.1
10 8	2 51.95	+ 6 0.9	1.969	2.883	9.7	20.9
10 18	2 45.17	+ 5 21.0	1.923	2.884	6.3	20.7
10 28	2 37.10	+ 4 43.5	1.903	2.886	3.7	20.5
11 7	2 28.61	+ 4 13.0	1.913	2.887	4.4	20.6
11 17	2 20.62	+ 3 53.5	1.950	2.888	7.6	20.8
11 27	2 13.97	+ 3 47.7	2.014	2.889	10.9	21.0
12 7	2 9.26	+ 3 56.8	2.101	2.890	13.8	21.2

318596 2005 JN_{29} 11 2.7 153°.63 7°.6/30.0 18

9 28	3 8.75	− 6 17.9	1.868	2.687	14.8	20.4
10 8	3 0.96	− 6 42.2	1.808	2.696	11.9	20.3
10 18	2 50.81	− 6 56.4	1.771	2.704	9.2	20.1
10 28	2 39.16	− 6 54.6	1.761	2.711	7.6	20.0
11 7	2 27.13	− 6 33.0	1.780	2.717	8.3	20.1
11 17	2 15.87	− 5 50.5	1.826	2.723	10.7	20.3
11 27	2 6.41	− 4 48.2	1.900	2.728	13.5	20.5
12 7	1 59.39	− 3 29.8	1.995	2.733	16.1	20.7

379597 2011 CS_{33} 11 2.7 224°.87 0°.9/ 3.4 18

9 28	3 0.60	+19 25.8	1.719	2.543	15.7	22.0
10 8	2 55.46	+19 8.5	1.635	2.537	12.1	21.7
10 18	2 47.72	+18 37.4	1.572	2.530	7.9	21.5
10 28	2 38.13	+17 54.1	1.535	2.522	3.3	21.2
11 7	2 27.83	+17 2.4	1.526	2.514	2.0	21.1
11 17	2 18.06	+16 8.3	1.545	2.506	6.7	21.3
11 27	2 10.01	+15 18.9	1.591	2.497	11.2	21.6
12 7	2 4.50	+14 40.2	1.660	2.488	15.1	21.8

239143 2006 JQ_{43} 11 2.7 168°.09 2°.7/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.23	+10 38.6	1.811	2.655	14.1	21.2
10 8	2 52.54	+ 9 47.7	1.740	2.656	10.6	21.0
10 18	2 45.66	+ 8 50.0	1.692	2.657	6.7	20.8
10 28	2 37.31	+ 7 50.6	1.671	2.657	3.2	20.6
11 7	2 28.49	+ 6 55.5	1.678	2.658	3.9	20.6
11 17	2 20.23	+ 6 10.4	1.712	2.658	7.7	20.8
11 27	2 13.50	+ 5 40.0	1.773	2.659	11.5	21.1
12 7	2 8.95	+ 5 26.5	1.857	2.659	14.8	21.3

445726 2011 UC_{300} 11 2.7 330°.89 0°.0/ 2.5 18

9 28	2 55.78	+18 6.9	1.899	2.729	14.2	21.0
10 8	2 51.46	+17 27.4	1.821	2.728	10.8	20.8
10 18	2 44.99	+16 35.4	1.766	2.727	6.9	20.5
10 28	2 37.07	+15 33.8	1.738	2.726	2.6	20.3
11 7	2 28.67	+14 27.9	1.737	2.725	1.9	20.2
11 17	2 20.80	+13 23.7	1.765	2.725	6.3	20.5
11 27	2 14.40	+12 27.5	1.821	2.724	10.2	20.7
12 7	2 10.12	+11 44.2	1.900	2.723	13.7	21.0

154107 2002 EL_{10} 11 2.7 285°.55 5°.4/29.1 18

9 28	2 54.61	+ 1 22.8	2.115	2.961	12.3	19.6
10 8	2 50.27	+ 0 19.1	2.044	2.956	9.5	19.4
10 18	2 44.12	− 0 43.7	1.997	2.950	6.9	19.3
10 28	2 36.74	− 1 39.7	1.978	2.945	5.4	19.2
11 7	2 28.94	− 2 23.1	1.986	2.940	6.4	19.2
11 17	2 21.57	− 2 49.8	2.022	2.934	9.0	19.4
11 27	2 15.44	− 2 57.4	2.083	2.929	11.8	19.5
12 7	2 11.11	− 2 45.8	2.165	2.924	14.3	19.7

66539 1999 RX_{117} 11 2.7 49°.59 3°.7/ 5.4 18

9 28	2 59.64	+26 47.0	1.381	2.200	19.1	18.3
10 8	2 54.89	+26 29.3	1.333	2.225	15.0	18.1
10 18	2 47.28	+25 48.8	1.304	2.250	10.4	17.9
10 28	2 37.89	+24 46.8	1.298	2.276	5.8	17.7
11 7	2 28.17	+23 29.0	1.318	2.302	3.8	17.7
11 17	2 19.54	+22 4.4	1.364	2.329	7.0	17.9
11 27	2 13.14	+20 43.0	1.436	2.355	11.2	18.2
12 7	2 9.60	+19 33.2	1.531	2.382	15.0	18.5

320160 2007 FG_{41} 11 2.7 79°.06 0°.5/ 2.3 18

9 28	2 57.13	+14 11.3	2.231	3.059	12.4	20.1
10 8	2 52.12	+14 3.0	2.156	3.063	9.4	19.9
10 18	2 45.26	+13 48.4	2.105	3.067	5.9	19.7
10 28	2 37.15	+13 29.4	2.082	3.071	2.1	19.5
11 7	2 28.63	+13 9.1	2.087	3.075	1.9	19.5
11 17	2 20.56	+12 50.7	2.122	3.079	5.6	19.7
11 27	2 13.76	+12 37.7	2.185	3.082	9.1	19.9
12 7	2 8.81	+12 32.9	2.272	3.086	12.0	20.2

1217 Maximiliana 11 2.7 150°.64 2°.8/31.7 18

9 28	3 0.50	+10 4.5	1.819	2.658	14.3	16.8
10 8	2 54.92	+ 9 14.7	1.753	2.666	10.8	16.6
10 18	2 47.11	+ 8 18.9	1.710	2.673	6.8	16.4
10 28	2 37.84	+ 7 22.3	1.694	2.680	3.3	16.2
11 7	2 28.16	+ 6 30.7	1.707	2.686	4.0	16.3
11 17	2 19.12	+ 5 49.4	1.748	2.692	7.8	16.5
11 27	2 11.69	+ 5 22.9	1.816	2.697	11.5	16.8
12 7	2 6.51	+ 5 13.0	1.907	2.702	14.7	17.0

519261 2011 AF_{81} 11 2.7 31°.58 4°.7/30.1 18

9 28	2 55.87	+ 2 8.0	2.108	2.952	12.4	21.1
10 8	2 51.17	+ 1 27.9	2.043	2.955	9.5	20.9
10 18	2 44.64	+ 0 49.4	2.002	2.958	6.7	20.8
10 28	2 36.92	+ 0 17.4	1.988	2.961	4.8	20.7
11 7	2 28.84	− 0 3.7	2.002	2.964	5.6	20.7
11 17	2 21.23	− 0 10.5	2.044	2.967	8.2	20.9
11 27	2 14.91	− 0 1.4	2.112	2.971	11.1	21.1
12 7	2 10.44	+ 0 23.4	2.202	2.974	13.7	21.3

401145 2011 UU_{404} 11 2.7 337°.64 4°.2/31.2 18

9 28	2 56.00	+ 6 51.3	1.535	2.395	15.4	20.4
10 8	2 52.05	+ 6 12.3	1.463	2.386	11.8	20.1
10 18	2 45.59	+ 5 30.3	1.413	2.378	7.7	19.9
10 28	2 37.37	+ 4 50.8	1.388	2.371	4.5	19.7
11 7	2 28.49	+ 4 20.2	1.388	2.364	5.4	19.7
11 17	2 20.16	+ 4 3.7	1.415	2.358	9.3	19.9
11 27	2 13.54	+ 4 4.9	1.466	2.353	13.3	20.2
12 7	2 9.37	+ 4 24.9	1.537	2.348	16.9	20.4

89914 2002 EQ_{25} 11 2.7 114°.77 0°.2/ 2.6 18

9 28	2 56.70	+16 14.2	2.540	3.358	11.4	20.8
10 8	2 51.49	+15 48.7	2.473	3.374	8.6	20.6
10 18	2 44.70	+15 15.8	2.431	3.390	5.4	20.4
10 28	2 36.92	+14 37.6	2.417	3.405	2.0	20.2
11 7	2 28.87	+13 57.5	2.432	3.420	1.6	20.2
11 17	2 21.29	+13 19.1	2.479	3.435	4.9	20.5
11 27	2 14.87	+12 46.2	2.554	3.449	8.0	20.7
12 7	2 10.09	+12 21.6	2.655	3.463	10.6	20.9

206516 2003 UW_{133} 11 2.7 347°.85 5°.2/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.71	+26 44.4	1.474	2.289	18.2	20.1
10 8	2 54.67	+27 23.9	1.396	2.284	14.8	19.8
10 18	2 47.56	+27 45.2	1.338	2.279	10.8	19.6
10 28	2 38.18	+27 45.5	1.303	2.274	6.9	19.4
11 7	2 27.86	+27 25.0	1.292	2.271	5.3	19.3
11 17	2 18.13	+26 47.9	1.308	2.268	7.8	19.4
11 27	2 10.45	+26 2.3	1.348	2.266	11.9	19.6
12 7	2 5.78	+25 17.0	1.410	2.264	15.8	19.9

57785 2001 VY_{85} 11 2.7 290°.04 1°.3/ 3.7 18

9 28	2 58.06	+19 25.0	1.993	2.813	14.0	19.5
10 8	2 53.22	+19 26.7	1.909	2.808	10.8	19.3
10 18	2 46.16	+19 17.7	1.847	2.802	7.1	19.1
10 28	2 37.56	+18 58.7	1.811	2.797	3.1	18.8
11 7	2 28.35	+18 32.2	1.803	2.792	1.9	18.7
11 17	2 19.57	+18 2.3	1.825	2.786	5.8	19.0
11 27	2 12.24	+17 33.8	1.873	2.781	9.7	19.2
12 7	2 7.06	+17 11.5	1.946	2.776	13.1	19.4

71988 2000 WQ_{163} 11 2.7 150°.41 1°.7/ 1.8 18

9 28	3 4.23	+11 50.0	1.704	2.537	15.4	19.1
10 8	2 57.94	+11 33.3	1.636	2.545	11.6	18.9
10 18	2 49.13	+11 10.4	1.591	2.553	7.3	18.7
10 28	2 38.63	+10 44.3	1.572	2.560	2.9	18.4
11 7	2 27.61	+10 19.3	1.582	2.567	3.0	18.5
11 17	2 17.29	+10 0.0	1.620	2.573	7.4	18.7
11 27	2 8.79	+ 9 50.5	1.685	2.578	11.6	19.0
12 7	2 2.83	+ 9 53.3	1.773	2.582	15.1	19.2

93974 2000 XT_{7} 11 2.7 347°.23 1°.1/ 2.1 18

9 28	2 58.69	+12 1.8	1.950	2.785	13.6	18.8
10 8	2 53.61	+12 3.9	1.872	2.783	10.3	18.5
10 18	2 46.37	+12 1.2	1.818	2.781	6.5	18.3
10 28	2 37.63	+11 55.8	1.790	2.779	2.5	18.1
11 7	2 28.33	+11 50.6	1.791	2.778	2.4	18.0
11 17	2 19.50	+11 48.5	1.820	2.776	6.4	18.3
11 27	2 12.11	+11 52.7	1.877	2.775	10.3	18.5
12 7	2 6.85	+12 5.6	1.957	2.774	13.6	18.8

329450 2002 PY_{115} 11 2.8 358°.70 1°.3/ 1.6 18

9 28	2 50.76	+17 12.1	1.748	2.594	14.5	19.3
10 8	2 47.79	+15 49.1	1.674	2.591	10.9	19.1
10 18	2 42.73	+14 11.2	1.623	2.589	6.8	18.8
10 28	2 36.27	+12 24.0	1.599	2.588	2.5	18.6
11 7	2 29.37	+10 35.6	1.602	2.588	2.8	18.6
11 17	2 23.01	+ 8 54.9	1.634	2.589	7.2	18.9
11 27	2 18.11	+ 7 29.8	1.692	2.590	11.2	19.1
12 7	2 15.28	+ 6 25.1	1.773	2.593	14.7	19.3

126844 2002 EA_{67} 11 2.8 251°.60 2°.5/31.5 18

9 28	2 54.37	+10 36.3	2.179	3.019	12.2	20.1
10 8	2 50.08	+ 9 39.0	2.102	3.016	9.2	19.9
10 18	2 44.00	+ 8 35.7	2.049	3.013	5.8	19.7
10 28	2 36.72	+ 7 30.6	2.024	3.010	2.8	19.5
11 7	2 29.03	+ 6 29.3	2.028	3.006	3.6	19.6
11 17	2 21.77	+ 5 36.8	2.060	3.003	6.9	19.8
11 27	2 15.73	+ 4 57.4	2.120	3.000	10.2	20.0
12 7	2 11.47	+ 4 33.7	2.204	2.997	13.1	20.2

380715 2005 OC_{15} 11 2.8 66°.64 0°.0/ 2.5 18

9 28	3 3.56	+15 12.2	1.389	2.231	17.8	20.3
10 8	2 57.88	+15 19.2	1.332	2.245	13.5	20.1
10 18	2 49.27	+15 16.7	1.296	2.259	8.6	19.8
10 28	2 38.71	+15 6.4	1.285	2.274	3.2	19.5
11 7	2 27.61	+14 51.9	1.300	2.288	2.3	19.5
11 17	2 17.42	+14 37.9	1.342	2.303	7.6	19.9
11 27	2 9.42	+14 29.7	1.409	2.318	12.2	20.2
12 7	2 4.37	+14 31.2	1.499	2.333	16.1	20.5

155469 1998 SB_{81} 11 2.8 65°.82 2°.1/31.9 18

9 28	2 54.28	+11 59.5	2.119	2.959	12.5	19.5
10 8	2 49.97	+11 2.5	2.053	2.967	9.4	19.3
10 18	2 43.89	+ 9 58.8	2.012	2.976	5.9	19.2
10 28	2 36.66	+ 8 53.0	1.998	2.985	2.6	19.0
11 7	2 29.10	+ 7 50.3	2.013	2.994	3.2	19.0
11 17	2 22.07	+ 6 56.0	2.056	3.003	6.6	19.3
11 27	2 16.31	+ 6 14.5	2.127	3.012	9.9	19.5
12 7	2 12.36	+ 5 48.0	2.222	3.021	12.8	19.7

187537 2006 UV_{93} 11 2.8 242°.36 1°.4/ 1.9 18

9 28	3 1.36	+12 54.3	1.596	2.437	15.9	20.7
10 8	2 56.17	+12 36.1	1.516	2.429	12.1	20.5
10 18	2 48.26	+12 9.7	1.457	2.422	7.7	20.2
10 28	2 38.41	+11 38.4	1.424	2.413	2.9	19.9
11 7	2 27.79	+11 6.7	1.419	2.405	3.0	19.9
11 17	2 17.72	+10 40.0	1.441	2.396	7.8	20.1
11 27	2 9.43	+10 23.5	1.489	2.388	12.4	20.4
12 7	2 3.79	+10 20.7	1.558	2.378	16.3	20.6

25719 2000 AV_{171} 11 2.8 270.°89 4.°9/29.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.56	+ 1 41.4	2.315	3.157	11.5	18.8
10 8	2 50.17	+ 0 43.4	2.234	3.144	8.9	18.6
10 18	2 44.06	− 0 14.2	2.177	3.130	6.4	18.5
10 28	2 36.76	− 1 6.2	2.149	3.117	4.9	18.3
11 7	2 29.02	− 1 47.4	2.148	3.103	5.9	18.4
11 17	2 21.62	− 2 13.8	2.176	3.089	8.4	18.5
11 27	2 15.32	− 2 22.9	2.229	3.076	11.1	18.7
12 7	2 10.71	− 2 14.1	2.305	3.062	13.6	18.8

56542 2000 HJ_{63} 11 2.8 19.°74 1.°2/ 2.1 18

9 28	2 55.49	+14 54.8	1.074	1.946	19.7	18.1
10 8	2 52.39	+14 27.6	1.024	1.953	14.9	17.8
10 18	2 46.06	+13 47.2	0.993	1.963	9.3	17.6
10 28	2 37.58	+12 58.8	0.983	1.973	3.4	17.3
11 7	2 28.49	+12 9.9	0.997	1.985	3.2	17.3
11 17	2 20.40	+11 28.8	1.036	1.998	8.9	17.7
11 27	2 14.68	+11 2.4	1.096	2.013	14.1	18.0
12 7	2 12.08	+10 54.4	1.176	2.028	18.4	18.3

139621 2001 QO_{141} 11 2.8 22.°48 3.°2/31.5 18

9 28	2 56.09	+ 8 57.7	1.702	2.554	14.5	19.6
10 8	2 51.79	+ 8 13.3	1.638	2.557	11.0	19.4
10 18	2 45.25	+ 7 24.1	1.595	2.561	7.0	19.2
10 28	2 37.22	+ 6 35.5	1.579	2.564	3.6	19.0
11 7	2 28.73	+ 5 53.1	1.590	2.568	4.4	19.0
11 17	2 20.84	+ 5 22.3	1.628	2.573	8.1	19.3
11 27	2 14.52	+ 5 7.0	1.691	2.578	11.9	19.5
12 7	2 10.44	+ 5 8.6	1.777	2.583	15.2	19.7

200042 2007 TE_{32} 11 2.8 289.°98 0.°5/ 2.0 18

9 28	2 48.23	+13 49.4	4.260	5.079	7.1	20.4
10 8	2 44.71	+13 27.0	4.173	5.076	5.3	20.3
10 18	2 40.30	+13 0.9	4.112	5.073	3.3	20.1
10 28	2 35.31	+12 32.7	4.081	5.070	1.2	20.0
11 7	2 30.12	+12 4.2	4.080	5.067	1.2	20.0
11 17	2 25.12	+11 37.3	4.111	5.064	3.3	20.1
11 27	2 20.68	+11 14.1	4.171	5.060	5.3	20.3
12 7	2 17.13	+10 56.2	4.257	5.057	7.1	20.4

227998 2007 LD_{2} 11 2.8 1.°09 1.°4/ 1.5 18

9 28	2 53.23	+14 26.8	2.033	2.873	13.0	20.4
10 8	2 49.37	+13 33.0	1.959	2.872	9.8	20.2
10 18	2 43.61	+12 29.9	1.907	2.872	6.1	20.0
10 28	2 36.60	+11 21.5	1.883	2.872	2.3	19.7
11 7	2 29.18	+10 13.5	1.887	2.872	2.7	19.8
11 17	2 22.23	+ 9 11.7	1.920	2.873	6.5	20.0
11 27	2 16.58	+ 8 21.2	1.980	2.874	10.1	20.2
12 7	2 12.82	+ 7 45.6	2.064	2.875	13.2	20.4

309018 2006 US_{112} 11 2.8 113.°38 1.°1/ 3.5 18

9 28	2 58.86	+19 17.4	2.021	2.839	13.9	21.7
10 8	2 53.66	+19 11.5	1.947	2.845	10.7	21.5
10 18	2 46.35	+18 54.7	1.896	2.852	7.0	21.3
10 28	2 37.62	+18 28.3	1.872	2.858	3.0	21.0
11 7	2 28.43	+17 55.3	1.876	2.864	1.8	21.0
11 17	2 19.77	+17 19.9	1.909	2.871	5.7	21.2
11 27	2 12.60	+16 47.3	1.970	2.876	9.4	21.5
12 7	2 7.53	+16 21.7	2.056	2.882	12.7	21.7

483369 2016 SJ_{17} 11 2.8 359.°01 3.°6/31.4 18

9 28	2 45.24	+13 54.8	0.907	1.805	20.1	19.1
10 8	2 45.11	+12 30.2	0.853	1.798	15.1	18.8
10 18	2 41.72	+10 46.6	0.817	1.793	9.5	18.5
10 28	2 36.05	+ 8 54.8	0.801	1.791	4.2	18.2
11 7	2 29.60	+ 7 9.3	0.807	1.791	5.7	18.3
11 17	2 23.99	+ 5 43.8	0.835	1.794	11.3	18.6
11 27	2 20.66	+ 4 48.5	0.882	1.799	16.7	18.9
12 7	2 20.40	+ 4 26.2	0.947	1.807	21.2	19.2

17312 7622 $P–L$ 11 2.8 22.°13 0.°3/ 2.6 18

9 28	3 1.59	+13 6.7	0.970	1.842	21.3	16.2
10 8	2 57.41	+13 36.1	0.921	1.850	16.2	15.9
10 18	2 49.46	+13 57.6	0.890	1.859	10.3	15.7
10 28	2 38.91	+14 12.7	0.880	1.870	3.8	15.3
11 7	2 27.55	+14 24.3	0.893	1.881	2.9	15.3
11 17	2 17.35	+14 36.5	0.929	1.894	9.2	15.7
11 27	2 9.95	+14 54.3	0.987	1.909	14.8	16.1
12 7	2 6.24	+15 21.4	1.065	1.924	19.4	16.4

301966 2000 EJ_{198} 11 2.8 245.°23 1.°1/ 1.8 18

9 28	2 57.00	+14 48.0	2.325	3.150	12.1	22.0
10 8	2 52.12	+14 1.5	2.227	3.133	9.2	21.7
10 18	2 45.37	+13 5.7	2.153	3.115	5.8	21.5
10 28	2 37.29	+12 3.5	2.108	3.096	2.2	21.2
11 7	2 28.67	+10 59.5	2.092	3.077	2.3	21.2
11 17	2 20.38	+ 9 58.9	2.106	3.058	6.1	21.4
11 27	2 13.25	+ 9 7.0	2.149	3.038	9.6	21.6
12 7	2 7.91	+ 8 27.6	2.216	3.017	12.7	21.8

279690 2011 FB_{41} 11 2.8 144.°07 3.°4/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 1.46	+25 48.9	1.820	2.619	15.9	21.2
10 8	2 55.99	+25 49.3	1.745	2.625	12.7	21.0
10 18	2 48.00	+25 32.3	1.690	2.631	8.9	20.7
10 28	2 38.29	+24 57.8	1.661	2.637	5.1	20.5
11 7	2 28.00	+24 8.3	1.659	2.642	3.5	20.4
11 17	2 18.37	+23 9.3	1.686	2.647	6.3	20.6
11 27	2 10.51	+22 8.1	1.741	2.652	10.1	20.9
12 7	2 5.17	+21 12.1	1.819	2.656	13.6	21.1

360018 2013 AF_{13} 11 2.8 356.°77 3.°1/31.8 18

9 28	2 56.21	+ 9 48.1	1.485	2.343	15.9	20.4
10 8	2 52.27	+ 9 9.6	1.417	2.341	12.1	20.1
10 18	2 45.75	+ 8 25.0	1.372	2.339	7.7	19.9
10 28	2 37.48	+ 7 39.6	1.351	2.338	3.7	19.6
11 7	2 28.59	+ 6 59.9	1.356	2.337	4.4	19.7
11 17	2 20.34	+ 6 31.6	1.387	2.337	8.7	19.9
11 27	2 13.87	+ 6 19.3	1.443	2.338	13.0	20.2
12 7	2 9.93	+ 6 25.0	1.519	2.339	16.7	20.4

326822 2003 TQ_{54} 11 2.8 219.°07 1.°3/ 1.7 17

9 28	2 56.93	+11 14.0	2.483	3.311	11.3	21.1
10 8	2 51.85	+11 2.3	2.400	3.308	8.5	20.9
10 18	2 45.08	+10 46.6	2.343	3.304	5.4	20.7
10 28	2 37.16	+10 29.2	2.313	3.301	2.2	20.5
11 7	2 28.82	+10 12.8	2.313	3.297	2.3	20.5
11 17	2 20.83	+10 0.4	2.343	3.294	5.6	20.7
11 27	2 13.96	+ 9 54.8	2.401	3.290	8.7	20.9
12 7	2 8.74	+ 9 57.8	2.484	3.286	11.5	21.1

394270 2006 UO_{120} 11 2.8 66.°79 1.°0/ 2.1 18

9 28	2 59.51	+13 31.7	1.779	2.616	14.7	21.4
10 8	2 54.18	+13 15.1	1.723	2.634	11.0	21.2
10 18	2 46.66	+12 51.3	1.689	2.652	6.9	21.0
10 28	2 37.73	+12 23.3	1.681	2.670	2.5	20.7
11 7	2 28.45	+11 55.3	1.702	2.689	2.4	20.8
11 17	2 19.89	+11 31.5	1.751	2.707	6.6	21.1
11 27	2 12.99	+11 16.2	1.827	2.725	10.5	21.4
12 7	2 8.34	+11 11.9	1.926	2.744	13.7	21.6

457907 2009 UD_{10} 11 2.8 10.°65 1.°4/ 1.8 16

9 28	2 54.80	+12 52.5	1.688	2.538	14.8	21.4
10 8	2 50.90	+12 30.8	1.622	2.540	11.1	21.2
10 18	2 44.74	+12 1.7	1.578	2.544	7.0	20.9
10 28	2 37.07	+11 28.8	1.559	2.549	2.7	20.7
11 7	2 28.91	+10 56.8	1.568	2.554	2.8	20.7
11 17	2 21.33	+10 30.6	1.603	2.560	7.1	21.0
11 27	2 15.33	+10 14.4	1.664	2.566	11.1	21.2
12 7	2 11.56	+10 11.1	1.748	2.574	14.5	21.5

478997 2012 XU_{134} 11 2.8 301.°15 6.°6/31.1 17

9 28	3 10.21	− 2 21.4	1.758	2.582	15.4	21.7
10 8	3 3.23	− 2 24.6	1.642	2.538	12.4	21.4
10 18	2 53.12	− 2 19.5	1.548	2.493	9.2	21.1
10 28	2 40.44	− 2 0.3	1.480	2.448	6.8	20.9
11 7	2 26.26	− 1 22.0	1.442	2.402	7.5	20.8
11 17	2 12.04	− 0 21.8	1.433	2.356	11.0	20.9
11 27	1 59.31	+ 1 0.1	1.451	2.309	15.3	21.1
12 7	1 49.26	+ 2 40.8	1.492	2.262	19.3	21.2

471051 2009 UH_{94} 11 2.8 14.°88 1.°2/ 2.2 18

9 28	2 56.46	+13 38.3	1.029	1.904	20.1	20.1
10 8	2 53.31	+13 30.8	0.978	1.909	15.2	19.8
10 18	2 46.77	+13 12.8	0.945	1.916	9.6	19.5
10 28	2 37.91	+12 48.2	0.934	1.924	3.5	19.2
11 7	2 28.33	+12 23.1	0.945	1.933	3.3	19.2
11 17	2 19.76	+12 4.3	0.980	1.944	9.1	19.6
11 27	2 13.66	+11 57.7	1.037	1.956	14.5	20.0
12 7	2 10.86	+12 6.7	1.113	1.970	18.9	20.3

369832 2012 JA_{6} 11 2.8 268.°53 6.°8/25.6 17

9 28	2 53.00	− 3 14.8	2.439	3.279	11.1	20.9
10 8	2 48.93	− 5 7.4	2.365	3.266	8.9	20.7
10 18	2 43.26	− 6 58.0	2.318	3.252	7.2	20.6
10 28	2 36.50	− 8 39.5	2.299	3.238	6.8	20.6
11 7	2 29.34	−10 4.9	2.308	3.224	8.0	20.6
11 17	2 22.49	−11 9.1	2.345	3.210	10.0	20.7
11 27	2 16.67	−11 49.5	2.406	3.196	12.3	20.9
12 7	2 12.42	−12 6.2	2.488	3.181	14.3	21.0

224708 2006 BX_{114} 11 2.8 351.°86 3.°9/30.4 18

9 28	2 53.91	+ 6 10.2	2.084	2.932	12.4	20.3
10 8	2 49.80	+ 5 10.3	2.014	2.931	9.4	20.1
10 18	2 43.87	+ 4 7.9	1.968	2.930	6.3	19.9
10 28	2 36.73	+ 3 8.3	1.950	2.929	4.0	19.8
11 7	2 29.19	+ 2 16.9	1.959	2.928	5.0	19.8
11 17	2 22.11	+ 1 38.5	1.996	2.927	7.9	20.0
11 27	2 16.27	+ 1 16.5	2.060	2.927	11.0	20.2
12 7	2 12.25	+ 1 12.0	2.146	2.927	13.8	20.4

90982 1997 XE_2 11 2.8 268°.18 5°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 2.14	+ 1 36.5	1.754	2.595	14.6	19.2
10 8	2 56.55	+ 1 9.2	1.669	2.579	11.4	19.0
10 18	2 48.45	+ 0 44.4	1.608	2.563	8.0	18.7
10 28	2 38.53	+ 0 27.5	1.573	2.547	5.6	18.6
11 7	2 27.84	+ 0 23.7	1.565	2.530	6.5	18.6
11 17	2 17.58	+ 0 36.5	1.584	2.513	9.8	18.7
11 27	2 8.91	+ 1 7.7	1.629	2.496	13.4	18.9
12 7	2 2.64	+ 1 56.6	1.696	2.478	16.8	19.1

281959 2011 GG_{59} 11 2.8 152°.73 1°.7/ 1.5 18

9 28	3 0.09	+12 37.0	1.954	2.786	13.8	22.2
10 8	2 54.55	+11 59.5	1.884	2.793	10.4	22.0
10 18	2 46.90	+11 14.7	1.837	2.800	6.5	21.8
10 28	2 37.86	+10 26.4	1.818	2.806	2.6	21.5
11 7	2 28.40	+ 9 39.5	1.828	2.812	2.9	21.6
11 17	2 19.52	+ 8 59.0	1.867	2.817	6.8	21.8
11 27	2 12.15	+ 8 29.4	1.933	2.822	10.5	22.1
12 7	2 6.91	+ 8 13.3	2.023	2.826	13.7	22.3

372873 2010 WZ_{43} 11 2.8 90°.57 1°.5/ 3.6 15

9 28	3 6.05	+19 13.8	1.453	2.279	17.9	20.8
10 8	2 59.67	+19 22.4	1.398	2.300	13.8	20.6
10 18	2 50.37	+19 17.5	1.364	2.321	9.0	20.4
10 28	2 39.16	+18 59.8	1.355	2.341	3.9	20.2
11 7	2 27.49	+18 32.8	1.373	2.361	2.4	20.1
11 17	2 16.82	+18 1.9	1.418	2.380	7.1	20.5
11 27	2 8.39	+17 33.8	1.490	2.400	11.6	20.8
12 7	2 2.93	+17 14.1	1.584	2.418	15.4	21.1

398765 2013 AZ_{73} 11 2.8 188°.61 0°.3/ 2.6 18

9 28	3 0.88	+14 27.2	2.115	2.938	13.2	21.4
10 8	2 55.16	+14 27.9	2.034	2.937	10.0	21.2
10 18	2 47.33	+14 22.1	1.977	2.936	6.4	21.0
10 28	2 38.05	+14 11.3	1.947	2.935	2.3	20.7
11 7	2 28.23	+13 58.1	1.946	2.934	1.9	20.7
11 17	2 18.87	+13 45.6	1.975	2.932	5.9	21.0
11 27	2 10.90	+13 37.7	2.033	2.930	9.6	21.2
12 7	2 4.99	+13 37.1	2.114	2.928	12.8	21.4

325620 2009 SV_{242} 11 2.8 49°.63 2°.6/ 4.6 17

9 28	3 1.80	+25 17.6	1.133	1.968	21.4	19.5
10 8	2 56.75	+24 34.1	1.098	2.002	16.5	19.3
10 18	2 48.50	+23 25.6	1.081	2.036	11.0	19.1
10 28	2 38.40	+21 56.2	1.086	2.070	5.3	18.9
11 7	2 28.15	+20 15.1	1.117	2.105	3.0	18.9
11 17	2 19.34	+18 34.3	1.173	2.139	7.6	19.2
11 27	2 13.14	+17 5.0	1.254	2.174	12.4	19.6
12 7	2 10.09	+15 54.9	1.357	2.209	16.4	20.0

210255 2007 RY_{283} 11 2.8 296°.28 2°.7/31.8 18

9 28	2 55.76	+11 42.9	1.708	2.557	14.6	20.8
10 8	2 51.89	+10 47.0	1.614	2.533	11.2	20.6
10 18	2 45.59	+ 9 41.0	1.543	2.509	7.1	20.3
10 28	2 37.50	+ 8 29.7	1.498	2.485	3.3	20.0
11 7	2 28.62	+ 7 20.0	1.480	2.461	4.1	20.0
11 17	2 20.09	+ 6 19.3	1.489	2.437	8.4	20.2
11 27	2 13.05	+ 5 34.2	1.524	2.414	12.8	20.4
12 7	2 8.33	+ 5 8.6	1.580	2.390	16.6	20.6

452239 2015 SZ_{19} 11 2.8 4°.70 4°.0/30.4 18

9 28	2 54.84	+ 6 31.3	2.002	2.849	12.8	20.5
10 8	2 50.56	+ 5 28.1	1.933	2.849	9.7	20.3
10 18	2 44.38	+ 4 21.9	1.888	2.849	6.4	20.1
10 28	2 36.94	+ 3 18.3	1.870	2.849	4.1	20.0
11 7	2 29.09	+ 2 23.1	1.880	2.850	5.1	20.1
11 17	2 21.73	+ 1 41.5	1.918	2.850	8.1	20.3
11 27	2 15.69	+ 1 16.9	1.982	2.850	11.3	20.5
12 7	2 11.54	+ 1 10.6	2.069	2.851	14.2	20.7

100428 1996 HT_{11} 11 2.8 257°.72 0°.0/ 2.6 17

9 28	2 56.06	+16 30.9	2.416	3.236	11.8	20.2
10 8	2 51.38	+16 13.3	2.322	3.224	9.0	20.0
10 18	2 44.89	+15 47.4	2.253	3.212	5.8	19.8
10 28	2 37.16	+15 15.1	2.211	3.200	2.2	19.5
11 7	2 28.92	+14 39.4	2.199	3.187	1.6	19.4
11 17	2 21.00	+14 4.0	2.216	3.174	5.3	19.7
11 27	2 14.20	+13 33.0	2.262	3.161	8.7	19.9
12 7	2 9.12	+13 10.1	2.333	3.148	11.7	20.0

167202 2003 TO_{20} 11 2.8 319°.20 15°.8/ 8.3 17

9 28	3 15.33	+45 41.4	1.649	2.336	21.4	19.7
10 8	3 9.58	+48 36.8	1.559	2.318	19.7	19.5
10 18	2 58.77	+51 13.9	1.488	2.301	17.9	19.3
10 28	2 43.11	+53 18.5	1.437	2.284	16.5	19.2
11 7	2 24.14	+54 37.9	1.407	2.267	15.9	19.1
11 17	2 4.58	+55 6.0	1.400	2.252	16.3	19.1
11 27	1 47.72	+54 47.6	1.413	2.236	17.6	19.1
12 7	1 35.95	+53 56.5	1.444	2.222	19.4	19.2

334331 2001 XW_{92} 11 2.8 324°.76 2°.8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.28	+25 4.6	1.797	2.610	15.5	20.8
10 8	2 51.47	+24 47.9	1.710	2.601	12.3	20.6
10 18	2 45.26	+24 13.0	1.645	2.592	8.6	20.3
10 28	2 37.35	+23 20.5	1.604	2.583	4.6	20.1
11 7	2 28.79	+22 14.1	1.590	2.575	2.9	20.0
11 17	2 20.73	+20 59.7	1.603	2.567	6.2	20.2
11 27	2 14.25	+19 45.4	1.644	2.560	10.3	20.4
12 7	2 10.12	+18 38.9	1.708	2.553	14.0	20.6

117348 2004 XF_{49} 11 2.8 8°.85 9°.8/28.0 18

9 28	2 56.00	− 8 43.5	1.571	2.421	15.7	17.5
10 8	2 51.80	− 9 38.0	1.524	2.423	13.0	17.3
10 18	2 45.29	−10 19.5	1.497	2.427	10.8	17.2
10 28	2 37.29	−10 39.9	1.494	2.432	9.8	17.1
11 7	2 28.89	−10 33.9	1.515	2.438	10.7	17.2
11 17	2 21.21	− 9 59.7	1.560	2.445	12.9	17.4
11 27	2 15.21	− 8 58.7	1.626	2.454	15.5	17.6
12 7	2 11.53	− 7 35.5	1.712	2.463	17.9	17.8

162276 1999 VC_{33} 11 2.8 3°.45 1°.4/ 3.6 18

9 28	2 53.64	+19 58.2	1.213	2.069	18.9	19.5
10 8	2 50.98	+19 48.7	1.149	2.068	14.6	19.2
10 18	2 45.26	+19 21.7	1.104	2.068	9.6	18.9
10 28	2 37.40	+18 39.1	1.082	2.069	4.1	18.6
11 7	2 28.79	+17 46.4	1.083	2.072	2.4	18.5
11 17	2 20.95	+16 51.6	1.109	2.076	7.8	18.9
11 27	2 15.25	+16 3.6	1.159	2.082	12.9	19.2
12 7	2 12.53	+15 29.1	1.229	2.089	17.2	19.5

46427 2002 JS_{59} 11 2.8 51°.41 1°.1/ 3.7 18

9 28	2 55.96	+20 35.7	2.007	2.827	13.9	18.7
10 8	2 51.43	+20 14.5	1.943	2.842	10.7	18.5
10 18	2 44.93	+19 40.9	1.901	2.857	7.0	18.3
10 28	2 37.14	+18 57.0	1.886	2.872	3.0	18.1
11 7	2 29.01	+18 6.7	1.899	2.887	1.8	18.0
11 17	2 21.47	+17 14.9	1.940	2.902	5.5	18.3
11 27	2 15.38	+16 27.3	2.009	2.918	9.1	18.6
12 7	2 11.31	+15 48.4	2.103	2.934	12.2	18.8

80788 2000 CU_{84} 11 2.8 211°.02 1°.4/ 1.8 18

9 28	3 0.84	+13 18.0	1.913	2.743	14.1	20.4
10 8	2 55.35	+12 48.3	1.829	2.737	10.7	20.2
10 18	2 47.57	+12 10.4	1.769	2.731	6.7	19.9
10 28	2 38.20	+11 27.6	1.735	2.724	2.6	19.7
11 7	2 28.21	+10 44.4	1.731	2.716	2.7	19.6
11 17	2 18.70	+10 5.9	1.755	2.708	6.9	19.9
11 27	2 10.71	+ 9 37.1	1.807	2.699	10.9	20.1
12 7	2 4.94	+ 9 21.4	1.882	2.690	14.4	20.3

389703 2011 QA_{88} 11 2.8 155°.74 3°.9/ 5.7 18

9 28	3 2.85	+27 8.1	2.194	2.972	14.2	21.0
10 8	2 56.76	+27 31.6	2.113	2.978	11.4	20.8
10 18	2 48.41	+27 40.7	2.054	2.984	8.3	20.6
10 28	2 38.49	+27 33.9	2.022	2.990	5.2	20.4
11 7	2 28.00	+27 12.2	2.018	2.995	3.9	20.4
11 17	2 18.03	+26 38.7	2.044	2.999	5.9	20.5
11 27	2 9.57	+25 59.0	2.098	3.003	9.0	20.7
12 7	2 3.34	+25 19.0	2.178	3.007	11.9	20.9

20945 2248 $T\text{-}_2$ 11 2.8 16°.12 2°.8/ 1.1 18

9 28	2 54.52	+14 4.6	1.031	1.908	19.9	18.3
10 8	2 51.81	+12 57.2	0.978	1.911	15.0	18.0
10 18	2 45.81	+11 34.5	0.944	1.916	9.4	17.7
10 28	2 37.59	+10 4.7	0.933	1.922	3.8	17.4
11 7	2 28.72	+ 8 39.3	0.944	1.929	4.7	17.5
11 17	2 20.83	+ 7 29.3	0.979	1.937	10.2	17.8
11 27	2 15.32	+ 6 43.0	1.036	1.946	15.4	18.2
12 7	2 12.97	+ 6 23.4	1.112	1.956	19.8	18.5

88545 2001 QV_{191} 11 2.8 266°.64 16°.2/14.6 18

9 28	3 15.27	+55 11.8	1.891	2.497	21.1	19.2
10 8	3 9.44	+57 17.5	1.802	2.483	19.9	19.1
10 18	2 58.45	+58 57.5	1.728	2.469	18.5	18.9
10 28	2 42.85	+59 59.9	1.670	2.455	17.3	18.8
11 7	2 24.56	+60 15.3	1.630	2.440	16.5	18.7
11 17	2 6.57	+59 40.3	1.609	2.425	16.3	18.6
11 27	1 51.92	+58 21.0	1.608	2.410	16.8	18.6
12 7	1 42.53	+56 30.8	1.627	2.394	18.0	18.7

213959 2003 YL_{21} 11 2.8 241°.86 1°.8/ 4.2 18

9 28	2 58.69	+21 52.7	2.134	2.941	13.6	21.2
10 8	2 53.68	+21 46.1	2.040	2.931	10.7	21.0
10 18	2 46.51	+21 26.8	1.970	2.920	7.2	20.7
10 28	2 37.82	+20 55.4	1.926	2.909	3.5	20.5
11 7	2 28.50	+20 14.4	1.911	2.898	2.2	20.4
11 17	2 19.56	+19 28.0	1.925	2.886	5.6	20.6
11 27	2 11.99	+18 41.9	1.967	2.874	9.3	20.8
12 7	2 6.49	+18 1.5	2.034	2.862	12.7	21.0

46071 2001 DQ_{103} 11 2.8 193°.80 0°.5/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.25	+15 38.7	2.632	3.452	11.0	20.2
10 8	2 50.53	+15 6.2	2.548	3.451	8.3	20.0
10 18	2 44.23	+14 26.1	2.489	3.449	5.2	19.8
10 28	2 36.90	+13 40.9	2.458	3.447	1.9	19.6
11 7	2 29.20	+12 53.9	2.457	3.444	1.7	19.6
11 17	2 21.86	+12 9.1	2.486	3.441	5.0	19.8
11 27	2 15.56	+11 30.3	2.544	3.438	8.1	20.0
12 7	2 10.82	+11 0.5	2.628	3.434	10.8	20.2

478152 2011 UY_{156} 11 2.8 96°.54 1°.8/ 1.4 18

9 28	2 57.36	+13 49.3	1.845	2.683	14.2	21.4
10 8	2 52.56	+12 50.7	1.782	2.695	10.6	21.2
10 18	2 45.66	+11 42.9	1.743	2.707	6.6	21.0
10 28	2 37.43	+10 30.9	1.730	2.719	2.6	20.7
11 7	2 28.85	+ 9 20.9	1.746	2.730	3.1	20.8
11 17	2 20.92	+ 8 19.2	1.791	2.742	7.0	21.1
11 27	2 14.53	+ 7 31.0	1.863	2.753	10.8	21.3
12 7	2 10.26	+ 6 59.4	1.958	2.764	14.0	21.6

476355 2008 BV_{12} 11 2.8 185°.15 14°.2/11.9 17

9 28	3 13.30	+45 39.3	1.418	2.126	23.6	21.4
10 8	3 7.36	+47 15.9	1.344	2.127	21.2	21.2
10 18	2 56.58	+48 21.7	1.284	2.127	18.5	21.0
10 28	2 41.91	+48 44.5	1.242	2.126	16.0	20.9
11 7	2 25.49	+48 17.1	1.221	2.125	14.5	20.8
11 17	2 10.06	+47 0.8	1.221	2.123	14.5	20.8
11 27	1 58.08	+45 7.5	1.244	2.121	16.0	20.9
12 7	1 50.91	+42 55.6	1.288	2.117	18.5	21.0

398758 2013 AW_{41} 11 2.8 223°.77 0°.9/ 2.2 18

9 28	2 58.88	+13 34.0	1.935	2.768	13.8	21.6
10 8	2 53.83	+13 19.6	1.857	2.766	10.5	21.4
10 18	2 46.58	+12 58.1	1.801	2.764	6.6	21.2
10 28	2 37.84	+12 32.1	1.773	2.762	2.5	20.9
11 7	2 28.55	+12 5.3	1.773	2.760	2.3	20.9
11 17	2 19.74	+11 41.7	1.802	2.758	6.5	21.2
11 27	2 12.40	+11 25.7	1.858	2.756	10.4	21.4
12 7	2 7.21	+11 20.1	1.937	2.753	13.7	21.6

277410 2005 UM_{222} 11 2.8 294°.34 1°.2/ 3.6 18

9 28	2 59.51	+19 38.9	1.560	2.392	16.6	21.5
10 8	2 54.91	+19 29.3	1.483	2.388	12.9	21.3
10 18	2 47.56	+19 5.3	1.426	2.385	8.5	21.0
10 28	2 38.27	+18 28.4	1.394	2.381	3.6	20.7
11 7	2 28.23	+17 42.4	1.389	2.378	2.2	20.6
11 17	2 18.81	+16 53.5	1.411	2.374	7.0	20.9
11 27	2 11.25	+16 8.9	1.459	2.371	11.6	21.2
12 7	2 6.37	+15 34.8	1.530	2.368	15.6	21.5

271363 2003 XV_{32} 11 2.8 320°.17 0°.0/ 2.6 17

9 28	2 53.81	+17 12.4	2.062	2.893	13.1	20.9
10 8	2 49.99	+16 43.4	1.973	2.880	10.0	20.7
10 18	2 44.17	+16 3.9	1.906	2.868	6.4	20.5
10 28	2 36.95	+15 16.1	1.867	2.856	2.4	20.2
11 7	2 29.19	+14 24.2	1.855	2.844	1.8	20.1
11 17	2 21.80	+13 33.3	1.873	2.832	5.9	20.4
11 27	2 15.69	+12 48.8	1.917	2.821	9.7	20.6
12 7	2 11.50	+12 15.0	1.985	2.811	13.1	20.8

390748 2003 SD_{194} 11 2.8 50°.75 16°.0/13.2 18

9 28	3 23.49	+49 54.6	1.677	2.324	22.3	20.0
10 8	3 15.82	+52 53.3	1.621	2.340	20.5	19.9
10 18	3 2.59	+55 24.3	1.582	2.357	18.7	19.8
10 28	2 44.43	+57 13.7	1.561	2.373	17.1	19.7
11 7	2 23.52	+58 11.0	1.562	2.391	16.2	19.7
11 17	2 3.10	+58 14.8	1.583	2.408	16.1	19.8
11 27	1 46.43	+57 34.1	1.625	2.426	16.7	19.9
12 7	1 35.39	+56 25.0	1.686	2.443	17.9	20.0

36305 2000 JZ_{56} 11 2.8 179°.17 0°.9/ 2.2 18

9 28	3 0.37	+14 51.2	1.905	2.734	14.2	20.1
10 8	2 54.94	+14 20.1	1.828	2.735	10.8	19.9
10 18	2 47.28	+13 39.8	1.775	2.736	6.8	19.6
10 28	2 38.10	+12 53.3	1.748	2.737	2.5	19.4
11 7	2 28.40	+12 5.2	1.750	2.737	2.4	19.4
11 17	2 19.25	+11 20.9	1.781	2.736	6.6	19.6
11 27	2 11.64	+10 45.4	1.839	2.735	10.6	19.9
12 7	2 6.24	+10 22.6	1.921	2.733	14.0	20.1

149274 2002 TS_{79} 11 2.8 353°.05 6°.7/30.1 18

9 28	2 55.04	+ 4 31.9	1.131	2.010	18.3	19.0
10 8	2 52.03	+ 3 25.0	1.072	2.004	14.1	18.8
10 18	2 45.94	+ 2 16.0	1.034	2.000	9.7	18.5
10 28	2 37.69	+ 1 14.5	1.017	1.996	6.8	18.3
11 7	2 28.70	+ 0 30.6	1.024	1.994	8.1	18.4
11 17	2 20.49	+ 0 11.3	1.054	1.993	12.3	18.6
11 27	2 14.44	+ 0 20.1	1.105	1.993	16.7	18.9
12 7	2 11.39	+ 0 55.7	1.174	1.994	20.6	19.2

265137 2003 UU_{225} 11 2.8 12°.14 1°.3/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.62	+20 35.8	1.917	2.742	14.3	19.6
10 8	2 50.66	+20 18.7	1.843	2.744	11.0	19.4
10 18	2 44.59	+19 48.7	1.791	2.747	7.2	19.2
10 28	2 37.10	+19 7.6	1.765	2.751	3.2	18.9
11 7	2 29.13	+18 19.0	1.766	2.755	1.9	18.9
11 17	2 21.69	+17 28.1	1.796	2.759	5.8	19.1
11 27	2 15.69	+16 40.9	1.853	2.764	9.6	19.4
12 7	2 11.78	+16 2.3	1.933	2.769	12.9	19.6

482560 2012 VF_{71} 11 2.8 4°.79 2°.9/ 1.2 18

9 28	2 59.31	+ 9 1.9	1.497	2.350	16.1	21.3
10 8	2 54.63	+ 8 42.2	1.430	2.350	12.2	21.1
10 18	2 47.31	+ 8 18.4	1.385	2.350	7.8	20.8
10 28	2 38.15	+ 7 54.9	1.364	2.351	3.7	20.6
11 7	2 28.37	+ 7 36.8	1.370	2.352	4.2	20.6
11 17	2 19.25	+ 7 28.5	1.402	2.353	8.5	20.9
11 27	2 11.97	+ 7 33.9	1.459	2.355	12.8	21.1
12 7	2 7.29	+ 7 54.1	1.538	2.357	16.5	21.4

366059 2012 CX_{25} 11 2.8 152°.02 1°.9/ 1.1 18

9 28	2 54.74	+12 21.6	2.186	3.023	12.3	20.8
10 8	2 50.40	+11 27.7	2.111	3.023	9.2	20.6
10 18	2 44.27	+10 26.7	2.060	3.024	5.8	20.4
10 28	2 36.96	+ 9 22.7	2.037	3.025	2.5	20.2
11 7	2 29.26	+ 8 20.8	2.043	3.026	3.0	20.3
11 17	2 22.02	+ 7 26.2	2.079	3.026	6.4	20.5
11 27	2 16.00	+ 6 43.3	2.141	3.027	9.8	20.7
12 7	2 11.77	+ 6 15.0	2.228	3.027	12.7	20.9

249915 2001 SQ_{192} 11 2.8 156°.66 1°.2/ 3.7 18

9 28	2 58.58	+19 57.9	2.057	2.872	13.8	20.9
10 8	2 53.53	+19 51.2	1.978	2.874	10.6	20.7
10 18	2 46.37	+19 33.3	1.921	2.876	7.0	20.5
10 28	2 37.77	+19 5.1	1.892	2.877	3.1	20.3
11 7	2 28.67	+18 29.6	1.890	2.879	1.8	20.2
11 17	2 20.05	+17 51.1	1.919	2.880	5.6	20.5
11 27	2 12.86	+17 14.7	1.974	2.881	9.4	20.7
12 7	2 7.76	+16 45.1	2.055	2.882	12.6	20.9

180059 2003 BL_{65} 11 2.8 318°.16 1°.2/ 1.9 18

9 28	2 55.24	+14 10.8	1.651	2.499	15.1	20.1
10 8	2 51.58	+13 42.1	1.563	2.480	11.5	19.9
10 18	2 45.46	+13 3.2	1.497	2.462	7.3	19.6
10 28	2 37.52	+12 17.5	1.455	2.445	2.8	19.2
11 7	2 28.81	+11 30.1	1.441	2.428	2.8	19.2
11 17	2 20.49	+10 47.2	1.453	2.411	7.5	19.5
11 27	2 13.74	+10 14.9	1.491	2.395	12.0	19.7
12 7	2 9.38	+ 9 57.4	1.551	2.379	15.9	19.9

411599 2011 FA_{127} 11 2.8 283°.65 6°.9/25.6 17

9 28	2 53.04	− 2 43.3	2.336	3.179	11.4	21.0
10 8	2 49.10	− 4 40.0	2.258	3.160	9.2	20.8
10 18	2 43.48	− 6 35.8	2.206	3.142	7.4	20.6
10 28	2 36.69	− 8 22.9	2.183	3.124	7.0	20.6
11 7	2 29.44	− 9 53.8	2.188	3.105	8.2	20.6
11 17	2 22.50	−11 2.8	2.219	3.087	10.4	20.7
11 27	2 16.61	−11 46.9	2.276	3.068	12.8	20.9
12 7	2 12.35	−12 6.0	2.352	3.050	14.9	21.0

148056 1998 SF_{152} 11 2.8 13°.99 0°.4/ 2.9 18

9 28	2 56.33	+16 44.7	1.034	1.904	20.4	19.3
10 8	2 53.33	+16 45.3	0.981	1.908	15.6	19.0
10 18	2 46.90	+16 31.5	0.946	1.914	10.0	18.7
10 28	2 38.07	+16 6.0	0.932	1.921	3.8	18.4
11 7	2 28.49	+15 34.2	0.941	1.930	2.6	18.4
11 17	2 19.89	+15 3.5	0.974	1.941	8.6	18.8
11 27	2 13.79	+14 41.6	1.029	1.952	14.1	19.1
12 7	2 11.02	+14 33.7	1.103	1.965	18.6	19.4

298519 2003 WB_{33} 11 2.8 70°.78 2°.3/ 4.7 18

9 28	2 57.63	+24 36.7	1.741	2.554	16.0	20.0
10 8	2 53.12	+24 4.3	1.669	2.561	12.5	19.8
10 18	2 46.21	+23 13.3	1.619	2.569	8.5	19.6
10 28	2 37.71	+22 5.4	1.594	2.576	4.3	19.3
11 7	2 28.75	+20 45.6	1.597	2.584	2.5	19.3
11 17	2 20.48	+19 21.2	1.628	2.592	6.2	19.5
11 27	2 13.94	+18 0.6	1.686	2.600	10.2	19.8
12 7	2 9.78	+16 51.0	1.769	2.607	13.8	20.0

8522 1992 ML 11 2.8 63°.18 1°.4/ 3.6 18

9 28	3 2.51	+19 50.1	1.261	2.102	19.3	17.0
10 8	2 57.39	+19 43.2	1.209	2.119	14.8	16.8
10 18	2 49.14	+19 19.8	1.176	2.136	9.6	16.5
10 28	2 38.83	+18 41.8	1.166	2.153	4.1	16.3
11 7	2 28.00	+17 54.5	1.182	2.171	2.4	16.2
11 17	2 18.23	+17 5.3	1.224	2.189	7.6	16.6
11 27	2 10.84	+16 22.3	1.291	2.206	12.5	16.9
12 7	2 6.56	+15 51.8	1.379	2.224	16.6	17.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
223352 2003 RS_{17}		11 2.8 332°.69 0°.9/ 1.9 18				
	h m	° ′			°	m
9 28	2 53.43	+15 58.3	2.026	2.862	13.2	19.9
10 8	2 49.64	+15 5.8	1.945	2.856	10.0	19.7
10 18	2 43.91	+14 2.4	1.887	2.850	6.3	19.4
10 28	2 36.87	+12 51.8	1.856	2.845	2.3	19.2
11 7	2 29.36	+11 39.5	1.854	2.840	2.3	19.2
11 17	2 22.29	+10 31.6	1.880	2.836	6.3	19.4
11 27	2 16.53	+ 9 34.1	1.934	2.831	10.0	19.6
12 7	2 12.67	+ 8 51.0	2.011	2.827	13.3	19.8
401732 2013 JD_{23}		11 2.8 64°.09 0°.7/ 2.2 18				
9 28	2 56.55	+14 45.3	2.082	2.913	13.0	20.7
10 8	2 51.76	+14 18.9	2.021	2.929	9.8	20.5
10 18	2 45.10	+13 45.0	1.983	2.945	6.1	20.3
10 28	2 37.26	+13 6.4	1.973	2.962	2.2	20.1
11 7	2 29.11	+12 27.2	1.991	2.978	2.0	20.1
11 17	2 21.53	+11 51.6	2.038	2.995	5.8	20.4
11 27	2 15.31	+11 23.8	2.113	3.011	9.3	20.6
12 7	2 11.01	+11 6.5	2.212	3.028	12.3	20.9
40886 1999 TE_{127}		11 2.8 79°.84 1°.5/ 3.9 18				
9 28	3 2.47	+20 44.5	1.732	2.548	15.9	19.6
10 8	2 56.55	+20 36.6	1.678	2.574	12.2	19.4
10 18	2 48.24	+20 15.1	1.646	2.599	8.0	19.2
10 28	2 38.45	+19 41.5	1.640	2.625	3.6	19.0
11 7	2 28.33	+18 59.7	1.661	2.649	2.1	19.0
11 17	2 19.07	+18 15.1	1.712	2.674	6.1	19.3
11 27	2 11.66	+17 33.9	1.790	2.698	10.1	19.6
12 7	2 6.70	+17 1.2	1.892	2.722	13.4	19.8
416661 2004 TQ_{266}		11 2.8 312°.66 1°.2/ 1.8 17				
9 28	2 53.04	+16 40.6	1.882	2.721	13.9	20.3
10 8	2 49.70	+15 33.4	1.780	2.693	10.6	20.1
10 18	2 44.17	+14 11.0	1.701	2.665	6.7	19.8
10 28	2 37.06	+12 37.4	1.648	2.638	2.5	19.5
11 7	2 29.24	+10 59.2	1.624	2.610	2.7	19.4
11 17	2 21.73	+ 9 24.6	1.629	2.583	7.2	19.6
11 27	2 15.56	+ 8 1.8	1.660	2.557	11.4	19.8
12 7	2 11.49	+ 6 56.8	1.714	2.531	15.2	20.0
70969 1999 XG_{20}		11 2.8 258°.04 1°.8/ 1.8 18				
9 28	3 2.02	+10 7.7	1.893	2.726	14.1	18.9
10 8	2 56.38	+10 7.3	1.806	2.716	10.7	18.6
10 18	2 48.35	+10 3.6	1.743	2.705	6.8	18.4
10 28	2 38.61	+ 9 58.7	1.706	2.694	2.8	18.1
11 7	2 28.16	+ 9 55.9	1.698	2.682	3.0	18.1
11 17	2 18.10	+ 9 58.1	1.719	2.671	7.1	18.3
11 27	2 9.55	+10 8.6	1.767	2.659	11.1	18.6
12 7	2 3.26	+10 29.2	1.838	2.648	14.6	18.8
341179 2007 RT_{14}		11 2.8 186°.62 17°.2/10.4 17				
9 28	3 19.25	+44 29.5	1.231	1.955	25.8	20.6
10 8	3 13.25	+47 14.6	1.164	1.955	23.4	20.4
10 18	3 1.34	+49 32.4	1.112	1.955	20.8	20.2
10 28	2 44.12	+51 5.8	1.077	1.954	18.5	20.1
11 7	2 23.96	+51 41.2	1.062	1.954	17.3	20.0
11 17	2 4.44	+51 15.8	1.066	1.952	17.5	20.0
11 27	1 49.09	+50 1.1	1.091	1.951	19.1	20.1
12 7	1 39.88	+48 18.2	1.133	1.949	21.4	20.3
510185 2011 BZ_{118}		11 2.8 338°.60 5°.8/ 5.7 18				
9 28	2 58.57	+26 24.9	1.190	2.023	20.7	21.2
10 8	2 55.34	+27 8.1	1.115	2.013	16.8	21.0
10 18	2 48.49	+27 30.4	1.057	2.003	12.3	20.7
10 28	2 38.84	+27 28.1	1.021	1.995	7.8	20.4
11 7	2 27.97	+27 1.0	1.007	1.988	5.9	20.3
11 17	2 17.74	+26 14.3	1.018	1.981	8.9	20.4
11 27	2 9.96	+25 18.3	1.051	1.976	13.7	20.7
12 7	2 5.76	+24 24.4	1.104	1.972	18.2	20.9
401753 2013 JO_{61}		11 2.8 347°.83 1°.9/ 1.6 18				
9 28	2 58.32	+10 3.6	1.930	2.769	13.6	20.3
10 8	2 53.41	+ 9 57.3	1.854	2.767	10.3	20.1
10 18	2 46.36	+ 9 47.5	1.801	2.764	6.5	19.9
10 28	2 37.84	+ 9 36.8	1.774	2.762	2.8	19.6
11 7	2 28.77	+ 9 28.7	1.776	2.760	3.0	19.7
11 17	2 20.17	+ 9 26.2	1.807	2.759	6.8	19.9
11 27	2 13.00	+ 9 32.5	1.864	2.758	10.6	20.1
12 7	2 7.93	+ 9 49.3	1.944	2.757	13.8	20.3
479474 2014 AH_{2}		11 2.8 291°.83 1°.0/ 2.2 18				
9 28	2 59.79	+13 50.0	1.526	2.370	16.3	21.6
10 8	2 55.26	+13 36.9	1.442	2.357	12.5	21.3
10 18	2 47.93	+13 14.6	1.379	2.344	8.0	21.0
10 28	2 38.53	+12 46.1	1.341	2.330	3.0	20.7
11 7	2 28.23	+12 15.7	1.330	2.317	2.8	20.6
11 17	2 18.42	+11 48.9	1.345	2.304	7.9	20.9
11 27	2 10.40	+11 31.4	1.386	2.291	12.7	21.2
12 7	2 5.09	+11 27.4	1.448	2.278	16.8	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
452121 2014 SB_{37}		11 2.8 215°.40 0°.5/ 3.3 17				
	h m	° ′			°	m
9 28	2 57.11	+17 50.1	2.402	3.217	12.0	21.6
10 8	2 52.18	+17 43.0	2.316	3.214	9.2	21.4
10 18	2 45.44	+17 27.5	2.255	3.211	6.0	21.2
10 28	2 37.47	+17 4.8	2.221	3.208	2.4	20.9
11 7	2 29.04	+16 37.5	2.217	3.205	1.5	20.9
11 17	2 20.98	+16 9.0	2.242	3.202	5.1	21.1
11 27	2 14.09	+15 43.1	2.296	3.199	8.4	21.3
12 7	2 8.97	+15 23.6	2.375	3.195	11.4	21.5
70559 1999 TD_{143}		11 2.8 55°.66 2°.4/ 3.9 18				
9 28	3 5.64	+19 17.9	1.239	2.077	19.7	17.3
10 8	2 59.95	+19 52.3	1.186	2.093	15.3	17.1
10 18	2 50.90	+20 12.8	1.152	2.110	10.1	16.9
10 28	2 39.57	+20 18.7	1.142	2.127	4.7	16.6
11 7	2 27.60	+20 12.0	1.157	2.145	3.0	16.6
11 17	2 16.69	+19 57.6	1.199	2.163	7.8	16.9
11 27	2 8.32	+19 42.4	1.264	2.181	12.6	17.3
12 7	2 3.29	+19 33.0	1.352	2.199	16.8	17.6
360524 2003 QW_{84}		11 2.8 81°.51 4°.5/29.3 18				
9 28	2 55.05	+ 4 51.7	2.232	3.075	11.9	20.7
10 8	2 50.40	+ 3 21.9	2.184	3.096	9.0	20.6
10 18	2 44.15	+ 1 51.1	2.161	3.117	6.1	20.4
10 28	2 36.92	+ 0 25.8	2.166	3.138	4.5	20.4
11 7	2 29.49	− 0 48.0	2.200	3.159	5.5	20.5
11 17	2 22.62	− 1 45.7	2.263	3.179	8.0	20.6
11 27	2 16.96	− 2 24.4	2.353	3.199	10.6	20.9
12 7	2 13.00	− 2 43.7	2.465	3.219	12.9	21.1
216893 2009 DP_{111}		11 2.8 99°.85 0°.3/ 3.0 18				
9 28	3 3.33	+15 35.5	1.930	2.751	14.3	20.5
10 8	2 57.11	+15 48.9	1.864	2.765	10.9	20.3
10 18	2 48.64	+15 54.8	1.821	2.779	7.0	20.1
10 28	2 38.67	+15 54.4	1.804	2.792	2.7	19.9
11 7	2 28.23	+15 49.6	1.817	2.806	1.8	19.9
11 17	2 18.43	+15 43.7	1.859	2.819	6.0	20.2
11 27	2 10.24	+15 40.3	1.930	2.832	9.8	20.4
12 7	2 4.34	+15 42.8	2.024	2.844	13.1	20.7
436562 2011 HY_{27}		11 2.8 180°.67 0°.3/ 2.6 18				
9 28	3 1.18	+16 0.3	1.938	2.762	14.2	21.9
10 8	2 55.59	+15 40.1	1.859	2.763	10.8	21.7
10 18	2 47.74	+15 10.4	1.804	2.764	6.9	21.5
10 28	2 38.36	+14 33.4	1.775	2.764	2.5	21.2
11 7	2 28.43	+13 53.1	1.775	2.763	2.0	21.2
11 17	2 19.04	+13 14.3	1.805	2.762	6.3	21.5
11 27	2 11.18	+12 42.1	1.862	2.761	10.3	21.7
12 7	2 5.54	+12 20.5	1.943	2.759	13.7	21.9
359493 2010 OD_{96}		11 2.8 169°.05 2°.5/ 5.2 18				
9 28	2 57.93	+25 29.0	2.537	3.322	12.3	21.4
10 8	2 52.74	+25 19.0	2.451	3.325	9.7	21.2
10 18	2 45.76	+24 55.8	2.390	3.328	6.8	21.0
10 28	2 37.58	+24 20.0	2.355	3.331	3.8	20.8
11 7	2 29.00	+23 33.7	2.350	3.333	2.6	20.7
11 17	2 20.84	+22 40.7	2.374	3.334	4.8	20.9
11 27	2 13.89	+21 46.1	2.428	3.335	7.8	21.1
12 7	2 8.73	+20 55.0	2.509	3.336	10.6	21.3
473682 2015 XZ_{373}		11 2.8 34°.04 3°.7/ 6.1 18				
9 28	2 56.19	+28 0.5	1.975	2.769	15.0	20.3
10 8	2 51.91	+27 52.4	1.900	2.776	12.0	20.1
10 18	2 45.44	+27 26.3	1.847	2.783	8.7	19.9
10 28	2 37.49	+26 42.3	1.818	2.790	5.3	19.8
11 7	2 29.08	+25 43.5	1.817	2.797	3.7	19.7
11 17	2 21.25	+24 35.0	1.844	2.805	5.9	19.8
11 27	2 14.97	+23 24.0	1.899	2.813	9.2	20.1
12 7	2 10.86	+22 17.6	1.978	2.822	12.4	20.3
318994 2005 UP_{406}		11 2.8 325°.28 2°.2/ 1.6 18				
9 28	2 55.26	+12 51.6	1.258	2.123	17.8	20.7
10 8	2 52.31	+12 17.2	1.178	2.105	13.6	20.4
10 18	2 46.30	+11 31.4	1.118	2.087	8.7	20.0
10 28	2 37.98	+10 38.7	1.081	2.070	3.5	19.7
11 7	2 28.66	+ 9 46.6	1.068	2.054	3.9	19.7
11 17	2 19.86	+ 9 3.0	1.080	2.039	9.4	19.9
11 27	2 13.04	+ 8 35.6	1.115	2.025	14.6	20.2
12 7	2 9.22	+ 8 28.4	1.170	2.012	19.2	20.4
428590 2008 EZ_{48}		11 2.8 178°.75 0°.0/ 2.6 16				
9 28	3 1.78	+17 25.3	1.820	2.643	15.0	22.5
10 8	2 56.19	+16 57.0	1.742	2.645	11.4	22.3
10 18	2 48.18	+16 16.8	1.687	2.646	7.3	22.1
10 28	2 38.54	+15 27.3	1.659	2.647	2.7	21.8
11 7	2 28.33	+14 33.0	1.659	2.647	2.0	21.7
11 17	2 18.72	+13 39.9	1.688	2.646	6.6	22.0
11 27	2 10.76	+12 54.0	1.744	2.645	10.8	22.3
12 7	2 5.18	+12 20.3	1.824	2.643	14.3	22.5

9355 1991 XO_2 11 2.8 343°.89 0°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 51.50	+18 53.8	1.072	1.942	19.8	17.4
10 8	2 49.84	+18 20.5	1.001	1.929	15.3	17.1
10 18	2 44.88	+17 26.1	0.948	1.917	9.9	16.7
10 28	2 37.47	+16 14.2	0.916	1.906	3.8	16.4
11 7	2 29.06	+14 53.1	0.908	1.897	2.6	16.3
11 17	2 21.34	+13 33.7	0.922	1.889	8.9	16.6
11 27	2 15.89	+12 27.6	0.959	1.884	14.7	16.9
12 7	2 13.68	+11 42.8	1.014	1.879	19.7	17.2

350477 1999 RP_{164} 11 2.8 22°.68 0°.6/ 2.5 16

9 28	2 54.43	+16 41.5	1.071	1.942	19.8	19.8
10 8	2 51.57	+16 8.1	1.028	1.957	15.0	19.6
10 18	2 45.59	+15 19.5	1.004	1.973	9.4	19.3
10 28	2 37.58	+14 21.0	1.001	1.991	3.4	19.0
11 7	2 29.09	+13 20.9	1.022	2.011	2.8	19.1
11 17	2 21.67	+12 27.8	1.067	2.032	8.5	19.5
11 27	2 16.56	+11 49.5	1.135	2.054	13.5	19.8
12 7	2 14.44	+11 29.9	1.223	2.077	17.7	20.1

256457 2007 CW_{57} 11 2.8 175°.27 1°.1/ 1.9 18

9 28	2 57.55	+12 23.3	2.667	3.488	10.8	21.2
10 8	2 52.25	+12 6.4	2.586	3.490	8.1	21.0
10 18	2 45.36	+11 44.8	2.531	3.491	5.1	20.9
10 28	2 37.43	+11 20.7	2.504	3.493	2.0	20.6
11 7	2 29.14	+10 56.9	2.508	3.494	2.0	20.7
11 17	2 21.21	+10 36.3	2.542	3.494	5.2	20.9
11 27	2 14.33	+10 21.9	2.606	3.494	8.2	21.1
12 7	2 9.02	+10 15.7	2.694	3.494	10.8	21.2

122587 2000 RT_{26} 11 2.8 81°.49 3°.9/ 5.5 18

9 28	3 2.74	+26 23.7	1.647	2.449	17.2	20.4
10 8	2 57.12	+26 31.7	1.587	2.468	13.7	20.3
10 18	2 48.81	+26 21.0	1.547	2.487	9.7	20.1
10 28	2 38.76	+25 51.1	1.532	2.506	5.7	19.9
11 7	2 28.23	+25 5.0	1.543	2.525	3.9	19.8
11 17	2 18.56	+24 8.5	1.582	2.543	6.7	20.0
11 27	2 10.90	+23 9.5	1.648	2.562	10.4	20.3
12 7	2 5.94	+22 15.8	1.738	2.580	13.9	20.6

27533 2000 HP_{70} 11 2.8 346°.72 2°.2/ 4.1 18

9 28	2 58.28	+20 47.4	1.620	2.449	16.3	18.6
10 8	2 53.99	+21 0.4	1.542	2.444	12.7	18.3
10 18	2 47.04	+21 0.3	1.485	2.440	8.6	18.1
10 28	2 38.18	+20 46.9	1.452	2.437	4.2	17.8
11 7	2 28.58	+20 22.7	1.446	2.433	2.6	17.7
11 17	2 19.50	+19 52.2	1.467	2.431	6.7	18.0
11 27	2 12.19	+19 21.6	1.514	2.429	11.0	18.2
12 7	2 7.48	+18 57.0	1.583	2.427	14.9	18.5

305752 2009 DX_7 11 2.8 181°.68 0°.7/ 3.4 18

9 28	2 58.48	+18 55.2	2.095	2.912	13.5	21.6
10 8	2 53.44	+18 36.8	2.014	2.913	10.4	21.4
10 18	2 46.34	+18 7.3	1.957	2.913	6.7	21.2
10 28	2 37.84	+17 28.5	1.926	2.913	2.7	20.9
11 7	2 28.85	+16 43.8	1.924	2.912	1.7	20.9
11 17	2 20.34	+15 58.0	1.951	2.912	5.6	21.1
11 27	2 13.21	+15 16.2	2.007	2.911	9.4	21.4
12 7	2 8.12	+14 43.0	2.087	2.910	12.6	21.6

367877 2011 EB_{35} 11 2.8 301°.84 0°.1/ 2.8 17

9 28	2 55.50	+16 13.0	2.184	3.011	12.6	21.6
10 8	2 51.21	+15 57.0	2.092	2.998	9.7	21.4
10 18	2 44.97	+15 32.4	2.024	2.985	6.2	21.2
10 28	2 37.35	+15 1.1	1.983	2.972	2.3	20.9
11 7	2 29.18	+14 26.4	1.971	2.959	1.7	20.8
11 17	2 21.34	+13 52.3	1.987	2.946	5.7	21.1
11 27	2 14.71	+13 23.3	2.031	2.934	9.4	21.3
12 7	2 9.96	+13 3.2	2.100	2.921	12.6	21.5

259517 2003 TM_{13} 11 2.8 50°.39 0°.2/ 2.7 17

9 28	3 9.48	+13 9.1	1.047	1.902	21.4	19.5
10 8	3 2.79	+13 40.1	1.013	1.932	16.1	19.3
10 18	2 52.54	+14 2.5	0.998	1.963	10.1	19.1
10 28	2 40.12	+14 17.6	1.005	1.994	3.7	18.9
11 7	2 27.40	+14 28.2	1.038	2.026	2.7	18.9
11 17	2 16.22	+14 38.4	1.096	2.058	8.6	19.4
11 27	2 7.98	+14 52.8	1.177	2.091	13.7	19.7
12 7	2 3.32	+15 15.0	1.279	2.123	17.8	20.1

352992 2009 BN_{108} 11 2.8 169°.31 3°.6/31.1 18

9 28	2 57.64	+ 7 4.7	1.992	2.834	13.1	21.2
10 8	2 52.75	+ 6 17.0	1.922	2.835	9.9	21.0
10 18	2 45.87	+ 5 26.3	1.875	2.837	6.5	20.8
10 28	2 37.67	+ 4 37.6	1.856	2.838	3.8	20.7
11 7	2 29.02	+ 3 56.1	1.865	2.838	4.6	20.7
11 17	2 20.89	+ 3 26.3	1.902	2.839	7.8	20.9
11 27	2 14.13	+ 3 11.6	1.966	2.840	11.1	21.1
12 7	2 9.36	+ 3 13.1	2.052	2.840	14.1	21.3

265981 2006 DV_{35} 11 2.8 334°.57 0°.2/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 54.90	+16 8.5	1.949	2.784	13.7	20.5
10 8	2 50.92	+15 47.6	1.867	2.776	10.4	20.2
10 18	2 44.85	+15 17.0	1.807	2.769	6.6	20.0
10 28	2 37.33	+14 39.3	1.773	2.762	2.5	19.7
11 7	2 29.24	+13 58.5	1.767	2.755	1.9	19.7
11 17	2 21.59	+13 19.2	1.790	2.749	6.1	19.9
11 27	2 15.29	+12 46.7	1.839	2.744	10.1	20.2
12 7	2 11.03	+12 24.7	1.912	2.738	13.4	20.4

262314 2006 TN_{15} 11 2.8 309°.06 1°.2/ 3.6 18

9 28	2 58.76	+19 8.3	1.906	2.728	14.4	20.4
10 8	2 53.92	+19 8.6	1.825	2.725	11.2	20.2
10 18	2 46.79	+18 57.9	1.766	2.723	7.3	19.9
10 28	2 38.07	+18 37.2	1.734	2.720	3.2	19.7
11 7	2 28.73	+18 9.1	1.729	2.718	1.9	19.6
11 17	2 19.87	+17 37.9	1.753	2.715	6.0	19.9
11 27	2 12.52	+17 8.8	1.804	2.713	10.0	20.1
12 7	2 7.40	+16 46.6	1.879	2.711	13.4	20.3

43881 Cerreto 11 2.8 308°.69 2°.2/ 1.5 18

9 28	2 56.83	+12 48.7	1.435	2.291	16.6	18.7
10 8	2 53.16	+12 9.6	1.352	2.274	12.6	18.4
10 18	2 46.68	+11 19.8	1.290	2.257	8.0	18.1
10 28	2 38.12	+10 23.7	1.252	2.241	3.3	17.8
11 7	2 28.67	+ 9 28.1	1.240	2.225	3.7	17.8
11 17	2 19.70	+ 8 40.6	1.253	2.209	8.7	18.0
11 27	2 12.54	+ 8 7.9	1.292	2.194	13.6	18.2
12 7	2 8.09	+ 7 54.3	1.350	2.179	17.8	18.5

419304 2009 WV_{50} 11 2.8 229°.93 1°.4/ 1.7 17

9 28	2 57.84	+10 36.7	2.450	3.278	11.4	21.6
10 8	2 52.65	+10 29.9	2.368	3.275	8.6	21.4
10 18	2 45.73	+10 19.8	2.310	3.272	5.5	21.2
10 28	2 37.63	+10 8.4	2.281	3.268	2.2	21.0
11 7	2 29.10	+ 9 58.5	2.281	3.265	2.4	21.0
11 17	2 20.92	+ 9 52.7	2.311	3.262	5.7	21.2
11 27	2 13.86	+ 9 53.5	2.369	3.258	8.8	21.4
12 7	2 8.49	+10 2.8	2.453	3.255	11.6	21.6

485845 2012 DM_{92} 11 2.8 177°.85 0°.5/ 3.3 18

9 28	2 56.31	+18 32.6	2.823	3.630	10.6	22.8
10 8	2 51.30	+18 14.2	2.738	3.632	8.1	22.7
10 18	2 44.78	+17 47.6	2.678	3.633	5.3	22.5
10 28	2 37.25	+17 14.3	2.647	3.634	2.1	22.3
11 7	2 29.38	+16 36.9	2.645	3.634	1.3	22.2
11 17	2 21.85	+15 58.6	2.675	3.634	4.4	22.4
11 27	2 15.33	+15 23.0	2.734	3.633	7.4	22.6
12 7	2 10.30	+14 53.5	2.819	3.632	10.0	22.8

223163 2002 XZ_{85} 11 2.8 333°.57 6°.1/ 5.9 18

9 28	2 54.90	+26 51.0	1.140	1.980	20.9	19.5
10 8	2 52.79	+27 31.3	1.059	1.961	17.2	19.2
10 18	2 47.07	+27 49.5	0.994	1.942	12.7	18.9
10 28	2 38.45	+27 41.4	0.950	1.924	8.2	18.6
11 7	2 28.42	+27 6.7	0.928	1.908	6.1	18.4
11 17	2 18.89	+26 10.7	0.928	1.894	9.2	18.5
11 27	2 11.76	+25 4.3	0.951	1.881	14.2	18.8
12 7	2 8.27	+24 0.2	0.993	1.869	19.0	19.0

76355 2000 EB_{168} 11 2.8 39°.09 3°.8/ 4.8 18

9 28	3 4.59	+22 40.8	1.694	2.502	16.5	18.9
10 8	2 58.73	+23 35.4	1.621	2.508	13.1	18.7
10 18	2 50.05	+24 18.0	1.571	2.515	9.2	18.5
10 28	2 39.35	+24 45.9	1.545	2.521	5.3	18.3
11 7	2 27.87	+24 58.8	1.547	2.528	3.9	18.2
11 17	2 16.99	+24 59.1	1.576	2.536	6.9	18.4
11 27	2 8.01	+24 51.9	1.633	2.543	10.7	18.7
12 7	2 1.77	+24 43.4	1.713	2.551	14.2	18.9

326046 2011 AY_5 11 2.8 281°.99 1°.3/ 1.8 18

9 28	2 56.47	+12 4.1	2.266	3.098	12.1	20.4
10 8	2 51.78	+11 45.8	2.184	3.093	9.1	20.2
10 18	2 45.26	+11 22.4	2.125	3.088	5.8	19.9
10 28	2 37.48	+10 56.3	2.094	3.083	2.3	19.7
11 7	2 29.24	+10 30.8	2.093	3.078	2.4	19.7
11 17	2 21.38	+10 9.7	2.120	3.073	5.9	19.9
11 27	2 14.70	+ 9 56.2	2.175	3.068	9.3	20.1
12 7	2 9.81	+ 9 52.7	2.255	3.063	12.3	20.3

294776 2008 CZ_{41} 11 2.9 160°.55 5°.6/29.8 16

9 28	2 58.64	+ 5 53.2	1.537	2.392	15.7	21.1
10 8	2 54.01	+ 4 22.0	1.475	2.394	11.9	20.9
10 18	2 46.90	+ 2 46.5	1.435	2.396	8.1	20.7
10 28	2 38.13	+ 1 15.2	1.421	2.398	5.7	20.5
11 7	2 28.85	− 0 2.4	1.434	2.399	7.0	20.6
11 17	2 20.25	− 0 59.1	1.474	2.401	10.5	20.8
11 27	2 13.42	− 1 30.5	1.537	2.402	14.2	21.0
12 7	2 9.05	− 1 36.1	1.621	2.403	17.5	21.3

289404 2005 CT_{50} 11 2.9 240°.57 3°.9/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.51	+27 28.6	2.082	2.866	14.6	21.0
10 8	2 55.33	+27 39.0	1.986	2.856	11.9	20.8
10 18	2 47.79	+27 33.5	1.913	2.845	8.6	20.6
10 28	2 38.51	+27 10.7	1.864	2.834	5.4	20.4
11 7	2 28.51	+26 31.8	1.844	2.822	4.0	20.2
11 17	2 18.91	+25 40.7	1.852	2.810	6.1	20.4
11 27	2 10.79	+24 43.7	1.889	2.798	9.5	20.5
12 7	2 4.95	+23 47.9	1.950	2.786	12.9	20.7

442856 2013 AY_{131} 11 2.9 284°.83 3°.9/31.1 18

9 28	2 57.28	+ 6 47.9	1.834	2.681	13.9	21.3
10 8	2 52.84	+ 6 2.3	1.750	2.667	10.6	21.0
10 18	2 46.16	+ 5 13.1	1.690	2.653	7.0	20.8
10 28	2 37.89	+ 4 25.5	1.657	2.638	4.2	20.6
11 7	2 28.97	+ 3 45.4	1.650	2.624	5.0	20.6
11 17	2 20.47	+ 3 17.9	1.671	2.610	8.5	20.8
11 27	2 13.39	+ 3 7.0	1.718	2.596	12.3	21.0
12 7	2 8.48	+ 3 13.9	1.787	2.582	15.6	21.2

71172 1999 XK_{206} 11 2.9 330°.12 0°.7/ 3.3 18

9 28	2 58.88	+16 54.2	2.177	2.997	13.0	18.8
10 8	2 53.75	+17 5.7	2.094	2.994	9.9	18.6
10 18	2 46.59	+17 9.6	2.035	2.992	6.4	18.4
10 28	2 38.01	+17 6.9	2.003	2.990	2.6	18.2
11 7	2 28.89	+16 59.3	1.999	2.988	1.6	18.1
11 17	2 20.17	+16 49.8	2.025	2.986	5.5	18.4
11 27	2 12.75	+16 41.8	2.079	2.984	9.1	18.6
12 7	2 7.29	+16 38.9	2.158	2.982	12.2	18.8

226287 2003 BB_{30} 11 2.9 243°.28 2°.3/ 4.4 18

9 28	3 0.82	+22 43.5	1.792	2.603	15.6	20.9
10 8	2 55.81	+22 38.7	1.701	2.593	12.3	20.7
10 18	2 48.19	+22 18.5	1.633	2.582	8.4	20.4
10 28	2 38.69	+21 43.0	1.589	2.571	4.2	20.1
11 7	2 28.39	+20 55.0	1.573	2.560	2.6	20.0
11 17	2 18.56	+19 59.6	1.585	2.548	6.4	20.2
11 27	2 10.39	+19 4.3	1.625	2.536	10.7	20.5
12 7	2 4.72	+18 15.9	1.688	2.523	14.5	20.7

396941 2005 JF_{25} 11 2.9 67°.49 0°.5/ 2.5 15

9 28	2 57.89	+16 39.0	1.769	2.603	14.9	21.5
10 8	2 53.12	+16 0.5	1.711	2.620	11.2	21.4
10 18	2 46.16	+15 11.0	1.674	2.636	7.1	21.1
10 28	2 37.81	+14 14.2	1.664	2.653	2.6	20.9
11 7	2 29.11	+13 15.6	1.682	2.669	2.1	20.9
11 17	2 21.10	+12 21.1	1.728	2.686	6.5	21.2
11 27	2 14.73	+11 36.3	1.800	2.703	10.4	21.5
12 7	2 10.57	+11 5.1	1.897	2.719	13.7	21.8

506087 2015 XG_{385} 11 2.9 94°.87 13°.7/13.6 17

9 28	3 7.55	+46 9.6	1.190	1.924	26.1	20.7
10 8	3 3.03	+47 0.7	1.127	1.931	23.2	20.5
10 18	2 53.70	+47 11.1	1.076	1.939	19.9	20.3
10 28	2 40.88	+46 30.0	1.042	1.946	16.6	20.1
11 7	2 26.94	+44 53.9	1.027	1.954	14.2	20.0
11 17	2 14.53	+42 30.0	1.034	1.961	13.9	20.0
11 27	2 5.79	+39 36.2	1.064	1.968	15.7	20.2
12 7	2 1.66	+36 35.1	1.115	1.975	18.6	20.4

235190 2003 SF_{108} 11 2.9 55°.37 5°.5/ 6.8 18

9 28	3 3.12	+30 10.1	2.080	2.848	15.2	19.3
10 8	2 57.19	+31 3.0	2.013	2.866	12.4	19.1
10 18	2 48.85	+31 39.9	1.968	2.884	9.5	19.0
10 28	2 38.87	+31 57.9	1.948	2.902	6.7	18.9
11 7	2 28.32	+31 57.0	1.956	2.920	5.5	18.8
11 17	2 18.36	+31 39.5	1.992	2.938	6.8	18.9
11 27	2 10.06	+31 11.1	2.055	2.957	9.3	19.1
12 7	2 4.15	+30 38.2	2.143	2.975	12.0	19.3

74477 1999 CY_{66} 11 2.9 18°.95 6°.1/ 8.8 18

9 28	2 56.97	+35 51.9	2.226	2.972	14.9	17.7
10 8	2 52.55	+36 2.8	2.143	2.974	12.6	17.6
10 18	2 45.91	+35 53.4	2.080	2.977	10.0	17.4
10 28	2 37.77	+35 21.7	2.041	2.980	7.5	17.3
11 7	2 29.10	+34 28.9	2.028	2.983	6.1	17.2
11 17	2 20.97	+33 18.7	2.043	2.987	6.8	17.2
11 27	2 14.35	+31 58.1	2.085	2.990	9.0	17.4
12 7	2 9.90	+30 34.9	2.152	2.994	11.6	17.6

517582 2014 VE_{5} 11 2.9 60°.71 0°.9/ 2.2 18

9 28	2 58.72	+12 46.0	2.120	2.950	12.9	21.0
10 8	2 53.44	+12 42.7	2.057	2.964	9.7	20.9
10 18	2 46.26	+12 34.2	2.017	2.979	6.1	20.7
10 28	2 37.85	+12 22.6	2.005	2.994	2.3	20.4
11 7	2 29.08	+12 10.8	2.021	3.008	2.1	20.5
11 17	2 20.86	+12 1.8	2.067	3.023	5.8	20.7
11 27	2 14.00	+11 58.6	2.141	3.038	9.2	21.0
12 7	2 9.07	+12 3.5	2.239	3.053	12.2	21.2

226580 2003 YQ_{93} 11 2.9 124°.19 3°.7/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 3.36	+26 8.6	1.663	2.464	17.1	20.6
10 8	2 57.73	+26 12.4	1.593	2.474	13.6	20.4
10 18	2 49.33	+25 57.6	1.544	2.484	9.6	20.1
10 28	2 39.07	+25 23.6	1.519	2.494	5.6	19.9
11 7	2 28.22	+24 33.0	1.521	2.503	3.8	19.9
11 17	2 18.13	+23 31.8	1.551	2.512	6.7	20.1
11 27	2 10.02	+22 28.3	1.608	2.521	10.7	20.3
12 7	2 4.65	+21 30.5	1.689	2.529	14.3	20.6

506076 2015 VS_{32} 11 2.9 181°.83 2°.3/ 4.9 18

9 28	2 57.11	+24 23.0	2.219	3.018	13.4	21.4
10 8	2 52.41	+24 8.7	2.135	3.018	10.6	21.2
10 18	2 45.73	+23 40.2	2.074	3.018	7.3	21.0
10 28	2 37.69	+22 58.3	2.039	3.018	3.9	20.8
11 7	2 29.19	+22 5.7	2.032	3.018	2.5	20.7
11 17	2 21.14	+21 7.1	2.056	3.018	5.3	20.9
11 27	2 14.43	+20 8.3	2.107	3.017	8.7	21.1
12 7	2 9.68	+19 15.1	2.184	3.017	11.8	21.3

302777 2002 WX_{6} 11 2.9 3°.63 1°.9/ 4.1 18

9 28	2 55.65	+21 19.3	1.461	2.299	17.2	19.5
10 8	2 52.18	+21 12.0	1.391	2.298	13.4	19.3
10 18	2 45.97	+20 48.3	1.341	2.298	9.0	19.0
10 28	2 37.86	+20 9.4	1.314	2.299	4.2	18.8
11 7	2 29.07	+19 19.6	1.313	2.301	2.4	18.7
11 17	2 20.93	+18 25.4	1.339	2.304	6.9	19.0
11 27	2 14.68	+17 34.8	1.389	2.308	11.5	19.2
12 7	2 11.09	+16 54.5	1.461	2.313	15.5	19.5

72548 2001 EF_{1} 11 2.9 244°.08 4°.0/ 5.5 18

9 28	3 2.46	+25 59.9	1.983	2.773	15.1	19.4
10 8	2 56.96	+26 29.5	1.890	2.764	12.2	19.2
10 18	2 48.92	+26 45.0	1.819	2.755	8.8	19.0
10 28	2 39.00	+26 44.5	1.774	2.745	5.5	18.8
11 7	2 28.24	+26 28.3	1.756	2.735	4.1	18.7
11 17	2 17.86	+25 59.2	1.767	2.725	6.4	18.8
11 27	2 9.05	+25 23.0	1.806	2.714	10.0	19.0
12 7	2 2.66	+24 46.4	1.869	2.704	13.4	19.2

262247 2006 SW_{302} 11 2.9 289°.44 1°.6/ 1.5 18

9 28	2 55.46	+14 16.7	1.868	2.708	13.9	20.7
10 8	2 51.47	+13 20.6	1.781	2.695	10.6	20.5
10 18	2 45.29	+12 13.4	1.718	2.682	6.7	20.2
10 28	2 37.58	+10 59.5	1.680	2.669	2.6	19.9
11 7	2 29.28	+ 9 45.1	1.671	2.656	3.0	19.9
11 17	2 21.39	+ 8 36.9	1.691	2.643	7.2	20.2
11 27	2 14.92	+ 7 41.4	1.737	2.630	11.2	20.4
12 7	2 10.55	+ 7 2.7	1.805	2.618	14.7	20.6

195472 2002 GF_{124} 11 2.9 75°.14 2°.6/ 1.0 18

9 28	2 58.71	+12 1.0	1.617	2.463	15.5	19.8
10 8	2 53.85	+11 1.5	1.563	2.480	11.6	19.7
10 18	2 46.67	+ 9 54.2	1.532	2.497	7.2	19.4
10 28	2 38.03	+ 8 44.8	1.526	2.514	3.2	19.2
11 7	2 29.05	+ 7 40.3	1.549	2.531	3.9	19.3
11 17	2 20.84	+ 6 47.1	1.599	2.548	7.9	19.6
11 27	2 14.39	+ 6 10.2	1.675	2.565	11.8	19.9
12 7	2 10.28	+ 5 51.7	1.773	2.581	15.1	20.1

7090 1992 HY_{4} 11 2.9 343°.78 3°.6/ 4.9 18 R

9 28	2 56.57	+23 52.1	1.117	1.965	20.7	16.3
10 8	2 53.82	+23 59.9	1.047	1.957	16.5	16.0
10 18	2 47.53	+23 45.2	0.993	1.950	11.5	15.7
10 28	2 38.59	+23 7.0	0.961	1.944	6.2	15.4
11 7	2 28.56	+22 9.2	0.952	1.938	3.9	15.3
11 17	2 19.29	+21 0.0	0.966	1.934	8.4	15.5
11 27	2 12.45	+19 51.3	1.003	1.931	13.9	15.8
12 7	2 9.10	+18 53.6	1.060	1.929	18.7	16.1

477248 2009 SV 11 2.9 223°.96 14°.0/23.0 16 C

9 28	3 9.47	+ 0 39.8	0.993	1.858	21.5	22.2
10 8	3 3.90	− 3 43.1	0.928	1.845	17.4	21.9
10 18	2 54.13	− 8 22.3	0.887	1.830	14.4	21.7
10 28	2 41.13	−12 48.9	0.871	1.813	14.4	21.6
11 7	2 26.75	−16 32.2	0.880	1.793	17.6	21.7
11 17	2 13.17	−19 11.1	0.912	1.772	22.2	21.9
11 27	2 2.43	−20 40.0	0.961	1.748	26.6	22.1
12 7	1 55.70	−21 6.4	1.022	1.722	30.3	22.3

460267 2014 QM_{314} 11 2.9 46°.15 6°.1/29.1 17

9 28	2 55.78	− 0 14.4	1.956	2.803	13.1	21.6
10 8	2 51.32	− 1 16.0	1.901	2.811	10.2	21.4
10 18	2 44.96	− 2 14.3	1.869	2.819	7.5	21.2
10 28	2 37.39	− 3 2.8	1.863	2.827	6.1	21.2
11 7	2 29.48	− 3 36.3	1.885	2.835	7.0	21.3
11 17	2 22.12	− 3 50.9	1.934	2.843	9.5	21.4
11 27	2 16.12	− 3 45.4	2.007	2.852	12.2	21.6
12 7	2 12.04	− 3 20.6	2.101	2.861	14.7	21.8

170630 2003 YQ_{68} 11 2.9 291°.44 4°.0/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.33	+ 6 35.8	1.790	2.639	14.1	20.2
10 8	2 52.96	+ 5 51.2	1.707	2.624	10.8	19.9
10 18	2 46.29	+ 5 3.3	1.646	2.608	7.1	19.7
10 28	2 37.99	+ 4 17.2	1.611	2.593	4.3	19.5
11 7	2 29.01	+ 3 38.9	1.604	2.578	5.2	19.5
11 17	2 20.43	+ 3 13.6	1.624	2.562	8.7	19.7
11 27	2 13.31	+ 3 5.2	1.669	2.547	12.5	19.9
12 7	2 8.39	+ 3 15.0	1.736	2.532	15.9	20.1

225114 2008 EY_{14} 11 2.9 96°.07 0°.7/ 3.3 17

9 28	3 3.56	+18 21.3	1.574	2.401	16.7	20.7
10 8	2 57.72	+18 11.3	1.515	2.418	12.8	20.5
10 18	2 49.24	+17 48.6	1.477	2.436	8.2	20.3
10 28	2 39.03	+17 15.3	1.465	2.453	3.3	20.0
11 7	2 28.36	+16 35.6	1.481	2.470	2.0	20.0
11 17	2 18.56	+15 55.2	1.525	2.486	6.8	20.3
11 27	2 10.73	+15 20.4	1.595	2.502	11.1	20.6
12 7	2 5.58	+14 56.1	1.688	2.518	14.8	20.9

20191 1997 BS_{3} 11 2.9 272°.63 4°.9/30.4 18

9 28	2 58.06	+ 4 26.3	1.795	2.643	14.1	18.5
10 8	2 53.47	+ 3 32.3	1.715	2.630	10.8	18.3
10 18	2 46.59	+ 2 36.4	1.657	2.616	7.4	18.0
10 28	2 38.09	+ 1 44.6	1.626	2.603	5.1	17.9
11 7	2 28.95	+ 1 3.4	1.622	2.589	6.1	17.9
11 17	2 20.24	+ 0 38.1	1.645	2.575	9.4	18.1
11 27	2 13.00	+ 0 32.1	1.693	2.561	12.9	18.2
12 7	2 7.96	+ 0 46.0	1.763	2.547	16.2	18.4

95725 2003 CR_{17} 11 2.9 147°.07 3°.2/ 5.0 18

9 28	3 2.77	+24 28.1	1.809	2.610	15.9	20.1
10 8	2 57.16	+24 40.7	1.732	2.616	12.6	19.9
10 18	2 48.96	+24 37.9	1.677	2.620	8.8	19.7
10 28	2 38.98	+24 19.0	1.648	2.625	4.9	19.5
11 7	2 28.35	+23 45.8	1.646	2.629	3.4	19.4
11 17	2 18.34	+23 3.0	1.672	2.633	6.4	19.6
11 27	2 10.10	+22 17.2	1.726	2.637	10.2	19.8
12 7	2 4.39	+21 35.2	1.804	2.640	13.7	20.1

421779 2014 QX_{21} 11 2.9 297°.32 4°.7/ 7.1 17

9 28	2 57.58	+31 2.7	2.237	3.007	14.2	20.9
10 8	2 52.96	+31 11.9	2.148	3.003	11.7	20.8
10 18	2 46.19	+31 3.9	2.081	2.999	8.8	20.6
10 28	2 37.93	+30 37.3	2.038	2.996	6.1	20.4
11 7	2 29.09	+29 53.4	2.023	2.993	4.7	20.3
11 17	2 20.68	+28 55.8	2.036	2.989	6.1	20.4
11 27	2 13.69	+27 50.7	2.077	2.986	8.8	20.6
12 7	2 8.79	+26 45.2	2.143	2.983	11.7	20.7

453450 2009 RQ_{32} 11 2.9 1°.05 9°.5/10.1 17

9 28	2 55.16	+38 5.4	1.532	2.300	19.7	19.8
10 8	2 52.33	+38 57.1	1.459	2.297	17.1	19.6
10 18	2 46.37	+39 22.0	1.402	2.296	14.1	19.4
10 28	2 38.11	+39 14.9	1.366	2.296	11.3	19.3
11 7	2 28.94	+38 34.6	1.352	2.298	9.6	19.2
11 17	2 20.45	+37 25.4	1.361	2.301	10.0	19.2
11 27	2 14.11	+35 56.6	1.395	2.305	12.2	19.4
12 7	2 10.84	+34 20.4	1.451	2.310	15.1	19.6

186018 2001 QZ_{157} 11 2.9 63°.22 0°.2/ 2.7 18

9 28	3 1.73	+17 10.6	1.361	2.204	18.0	20.6
10 8	2 56.50	+16 40.2	1.314	2.227	13.6	20.4
10 18	2 48.48	+15 56.6	1.287	2.251	8.6	20.2
10 28	2 38.72	+15 3.7	1.285	2.274	3.2	19.9
11 7	2 28.62	+14 7.8	1.309	2.298	2.3	20.0
11 17	2 19.55	+13 16.1	1.360	2.321	7.5	20.3
11 27	2 12.64	+12 35.6	1.436	2.345	12.0	20.7
12 7	2 8.54	+12 10.2	1.535	2.369	15.8	21.0

458457 2011 BM_{28} 11 2.9 286°.14 0°.7/ 2.3 17

9 28	2 55.90	+14 19.6	2.245	3.075	12.3	21.9
10 8	2 51.47	+13 58.1	2.155	3.062	9.3	21.7
10 18	2 45.16	+13 29.3	2.088	3.050	5.9	21.5
10 28	2 37.53	+12 55.6	2.048	3.037	2.2	21.2
11 7	2 29.36	+12 20.4	2.037	3.025	2.0	21.2
11 17	2 21.53	+11 47.8	2.056	3.012	5.8	21.4
11 27	2 14.87	+11 21.9	2.102	3.000	9.4	21.6
12 7	2 10.01	+11 5.9	2.173	2.987	12.5	21.8

116474 2004 BP_{3} 11 2.9 155°.98 2°.7/31.8 18

9 28	2 58.40	+ 9 0.7	2.041	2.878	13.0	20.3
10 8	2 53.33	+ 8 25.4	1.970	2.881	9.8	20.1
10 18	2 46.29	+ 7 46.2	1.922	2.884	6.3	19.9
10 28	2 37.92	+ 7 7.2	1.902	2.887	3.1	19.7
11 7	2 29.13	+ 6 32.7	1.910	2.889	3.7	19.8
11 17	2 20.83	+ 6 7.1	1.947	2.891	7.1	20.0
11 27	2 13.90	+ 5 53.6	2.011	2.893	10.5	20.2
12 7	2 8.94	+ 5 54.0	2.099	2.895	13.5	20.4

360336 2001 TE_{262} 11 2.9 67°.14 2°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.58	+11 53.9	1.134	1.989	20.0	20.8
10 8	3 0.53	+11 41.4	1.092	2.013	15.1	20.5
10 18	2 51.18	+11 21.3	1.070	2.036	9.4	20.3
10 28	2 39.75	+10 57.8	1.071	2.060	3.7	20.1
11 7	2 27.94	+10 36.6	1.098	2.084	3.6	20.1
11 17	2 17.43	+10 23.3	1.150	2.108	9.0	20.5
11 27	2 9.54	+10 22.4	1.225	2.131	13.9	20.9
12 7	2 4.96	+10 36.2	1.322	2.155	17.9	21.2

344097 1999 RJ_{252} 11 2.9 333°.76 1°.3/ 2.0 18

9 28	2 57.43	+14 12.4	1.597	2.443	15.6	21.1
10 8	2 53.25	+13 41.1	1.522	2.438	11.9	20.9
10 18	2 46.55	+12 59.8	1.469	2.434	7.5	20.6
10 28	2 38.10	+12 12.2	1.441	2.431	2.8	20.3
11 7	2 29.00	+11 23.7	1.441	2.427	2.8	20.3
11 17	2 20.47	+10 40.7	1.467	2.424	7.5	20.6
11 27	2 13.63	+10 8.9	1.518	2.421	11.9	20.8
12 7	2 9.26	+ 9 52.2	1.592	2.419	15.7	21.1

37773 1997 GY_{24} 11 2.9 75°.04 0°.2/ 2.7 18

9 28	2 57.65	+15 30.9	2.109	2.936	13.1	19.6
10 8	2 52.75	+15 17.2	2.038	2.943	9.9	19.4
10 18	2 45.91	+14 55.7	1.990	2.951	6.3	19.2
10 28	2 37.78	+14 28.5	1.970	2.958	2.3	19.0
11 7	2 29.24	+13 59.0	1.978	2.966	1.8	19.0
11 17	2 21.20	+13 31.1	2.015	2.974	5.7	19.2
11 27	2 14.51	+13 8.8	2.081	2.982	9.3	19.5
12 7	2 9.76	+12 55.4	2.170	2.989	12.3	19.7

447538 2006 SE_{245} 11 2.9 333°.25 5°.8/29.0 18

9 28	2 52.76	+ 5 50.7	1.567	2.431	14.9	20.4
10 8	2 49.68	+ 4 9.8	1.495	2.420	11.4	20.2
10 18	2 44.27	+ 2 22.9	1.447	2.410	7.9	20.0
10 28	2 37.24	+ 0 39.1	1.424	2.400	5.8	19.8
11 7	2 29.61	− 0 51.6	1.428	2.390	7.3	19.9
11 17	2 22.50	− 2 1.0	1.457	2.382	10.8	20.1
11 27	2 16.94	− 2 43.6	1.510	2.374	14.4	20.3
12 7	2 13.66	− 2 58.5	1.582	2.367	17.7	20.5

520680 2014 QV_{458} 11 2.9 344°.81 2°.9/31.3 18

9 28	2 53.98	+ 9 32.7	2.118	2.961	12.4	21.2
10 8	2 49.97	+ 8 33.4	2.044	2.959	9.3	21.0
10 18	2 44.16	+ 7 28.8	1.994	2.958	6.0	20.8
10 28	2 37.14	+ 6 23.6	1.972	2.956	3.2	20.6
11 7	2 29.71	+ 5 23.4	1.978	2.955	4.0	20.7
11 17	2 22.72	+ 4 33.4	2.013	2.954	7.1	20.9
11 27	2 16.94	+ 3 57.7	2.074	2.952	10.4	21.1
12 7	2 12.96	+ 3 38.3	2.159	2.952	13.3	21.3

399182 2014 FP_{52} 11 2.9 54°.83 1°.2/ 1.9 18

9 28	2 55.85	+16 59.0	1.754	2.591	14.8	20.2
10 8	2 51.71	+15 44.3	1.685	2.597	11.2	20.0
10 18	2 45.37	+14 15.7	1.638	2.602	7.0	19.8
10 28	2 37.60	+12 38.6	1.619	2.608	2.6	19.5
11 7	2 29.41	+11 0.6	1.628	2.614	2.7	19.5
11 17	2 21.85	+ 9 29.9	1.665	2.620	7.0	19.8
11 27	2 15.86	+ 8 13.9	1.729	2.626	11.1	20.1
12 7	2 12.05	+ 7 17.0	1.817	2.632	14.5	20.3

283633 2002 EG_{5} 11 2.9 170°.50 0°.8/ 3.4 18 R

9 28	3 0.57	+18 41.5	1.910	2.730	14.5	21.3
10 8	2 55.27	+18 31.0	1.832	2.732	11.2	21.1
10 18	2 47.67	+18 9.3	1.777	2.734	7.3	20.9
10 28	2 38.50	+17 37.7	1.748	2.735	3.0	20.6
11 7	2 28.77	+16 59.6	1.747	2.736	1.8	20.5
11 17	2 19.58	+16 19.8	1.776	2.737	6.0	20.8
11 27	2 11.94	+15 43.8	1.831	2.737	10.0	21.0
12 7	2 6.55	+15 16.3	1.911	2.737	13.5	21.3

356521 2011 SV_{89} 11 2.9 36°.34 0°.0/ 2.7 15

9 28	2 56.90	+18 4.8	1.745	2.578	15.1	21.0
10 8	2 52.61	+17 28.1	1.673	2.581	11.5	20.8
10 18	2 46.02	+16 38.4	1.623	2.584	7.3	20.5
10 28	2 37.88	+15 38.9	1.599	2.588	2.8	20.3
11 7	2 29.23	+14 35.0	1.602	2.591	1.9	20.2
11 17	2 21.18	+13 33.0	1.634	2.595	6.5	20.5
11 27	2 14.73	+12 39.7	1.692	2.599	10.7	20.8
12 7	2 10.55	+11 59.8	1.774	2.602	14.2	21.0

452003 2014 OR_{48} 11 2.9 26°.34 4°.7/ 6.3 17

9 28	2 58.83	+28 7.0	1.851	2.645	15.9	21.0
10 8	2 54.22	+28 33.8	1.778	2.651	12.9	20.8
10 18	2 47.13	+28 43.5	1.726	2.657	9.5	20.6
10 28	2 38.32	+28 34.7	1.698	2.664	6.2	20.5
11 7	2 28.90	+28 8.3	1.696	2.672	4.7	20.4
11 17	2 20.06	+27 28.3	1.722	2.679	6.6	20.5
11 27	2 12.90	+26 41.4	1.774	2.688	9.8	20.7
12 7	2 8.17	+25 54.6	1.851	2.696	13.0	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
22037 1999 XQ_{181}			11 2.9 226°.73		4°.7/ 7.5 18	
	h m	° ′			°	m
9 28	2 58.04	+32 32.3	2.504	3.257	13.3	19.1
10 8	2 53.14	+32 38.4	2.409	3.252	11.0	19.0
10 18	2 46.24	+32 27.8	2.337	3.247	8.4	18.8
10 28	2 37.97	+31 59.2	2.289	3.241	6.0	18.6
11 7	2 29.17	+31 13.5	2.270	3.235	4.7	18.5
11 17	2 20.76	+30 14.2	2.280	3.229	5.8	18.6
11 27	2 13.65	+29 6.8	2.318	3.223	8.2	18.7
12 7	2 8.46	+27 58.0	2.382	3.217	10.8	18.9
172613 2003 WE_{101}			11 2.9 124°.12		4°.4/ 5.9 18	R
9 28	3 4.74	+27 43.9	1.629	2.423	17.7	20.6
10 8	2 58.90	+27 53.9	1.560	2.435	14.2	20.4
10 18	2 50.17	+27 43.8	1.512	2.447	10.2	20.2
10 28	2 39.48	+27 12.3	1.487	2.458	6.3	20.0
11 7	2 28.18	+26 21.7	1.489	2.469	4.5	19.9
11 17	2 17.69	+25 18.0	1.519	2.479	7.0	20.1
11 27	2 9.29	+24 10.1	1.576	2.489	10.9	20.3
12 7	2 3.75	+23 6.7	1.657	2.498	14.5	20.6
515018 2009 SB_{130}			11 2.9 324°.18		5°.6/29.6 18	
9 28	2 53.65	+ 9 2.7	1.284	2.155	17.1	20.9
10 8	2 50.88	+ 7 10.5	1.212	2.142	13.0	20.6
10 18	2 45.30	+ 5 5.8	1.162	2.130	8.7	20.4
10 28	2 37.72	+ 2 59.3	1.137	2.119	5.7	20.2
11 7	2 29.37	+ 1 4.1	1.137	2.107	7.4	20.2
11 17	2 21.63	− 0 28.0	1.162	2.097	11.8	20.4
11 27	2 15.79	− 1 28.9	1.209	2.088	16.2	20.7
12 7	2 12.67	− 1 56.5	1.274	2.079	20.1	20.9
476546 2008 HO_{50}			11 2.9 100°.33		0°.9/ 2.3 16	
9 28	3 1.92	+15 56.8	1.681	2.513	15.7	22.3
10 8	2 56.23	+15 12.5	1.626	2.534	11.8	22.1
10 18	2 48.18	+14 17.3	1.592	2.554	7.4	21.9
10 28	2 38.66	+13 15.3	1.585	2.574	2.7	21.6
11 7	2 28.81	+12 12.5	1.607	2.594	2.4	21.7
11 17	2 19.79	+11 15.4	1.657	2.613	6.9	22.0
11 27	2 12.59	+10 29.8	1.734	2.632	11.0	22.3
12 7	2 7.79	+ 9 59.3	1.834	2.650	14.4	22.5
187112 2005 QN_{60}			11 2.9 82°.15		0°.2/ 3.0 17	
9 28	3 2.36	+18 38.9	1.509	2.340	17.1	20.5
10 8	2 56.81	+18 3.7	1.456	2.363	13.0	20.3
10 18	2 48.65	+17 14.2	1.426	2.386	8.3	20.1
10 28	2 38.86	+16 14.2	1.420	2.408	3.2	19.9
11 7	2 28.73	+15 9.7	1.442	2.431	2.0	19.9
11 17	2 19.55	+14 8.0	1.491	2.452	7.0	20.2
11 27	2 12.39	+13 16.2	1.567	2.474	11.3	20.5
12 7	2 7.89	+12 39.0	1.666	2.495	15.0	20.8
329474 2002 QX_{68}			11 2.9 107°.64		4°.8/30.7 16	
9 28	3 0.90	+ 6 27.2	1.533	2.383	15.9	21.6
10 8	2 55.66	+ 5 20.2	1.478	2.396	12.1	21.4
10 18	2 47.94	+ 4 10.3	1.446	2.407	8.0	21.2
10 28	2 38.62	+ 3 4.7	1.439	2.419	5.0	21.0
11 7	2 28.88	+ 2 10.8	1.459	2.430	6.0	21.1
11 17	2 19.94	+ 1 34.7	1.507	2.441	9.6	21.4
11 27	2 12.85	+ 1 19.6	1.578	2.452	13.4	21.6
12 7	2 8.26	+ 1 25.9	1.671	2.463	16.6	21.9
453479 2009 SN_{235}			11 2.9 29°.00		8°.6/31.5 18	
9 28	3 8.77	− 9 20.2	1.562	2.388	16.9	19.3
10 8	3 1.28	− 9 5.5	1.521	2.409	13.7	19.1
10 18	2 51.29	− 8 34.8	1.501	2.432	10.7	19.0
10 28	2 39.80	− 7 43.4	1.506	2.455	8.8	18.9
11 7	2 28.14	− 6 30.0	1.539	2.480	9.1	19.0
11 17	2 17.54	− 4 56.7	1.599	2.505	11.3	19.2
11 27	2 9.06	− 3 7.6	1.684	2.531	14.1	19.4
12 7	2 3.25	− 1 8.1	1.792	2.558	16.7	19.7
159528 2001 FM_{175}			11 2.9 212°.58		4°.4/29.9 17	
9 28	2 57.67	− 0 22.5	2.806	3.632	10.2	20.6
10 8	2 52.33	− 0 53.6	2.727	3.626	7.9	20.4
10 18	2 45.50	− 1 21.9	2.673	3.619	5.8	20.3
10 28	2 37.69	− 1 43.8	2.648	3.612	4.4	20.2
11 7	2 29.52	− 1 56.0	2.652	3.604	5.1	20.2
11 17	2 21.66	− 1 56.2	2.686	3.596	7.1	20.3
11 27	2 14.76	− 1 43.1	2.747	3.588	9.4	20.5
12 7	2 9.33	− 1 16.7	2.833	3.579	11.6	20.6
452161 2015 RY_{56}			11 2.9 152°.47		1°.1/ 2.0 18	
9 28	2 56.97	+14 29.1	1.995	2.828	13.5	21.4
10 8	2 52.40	+13 51.0	1.919	2.829	10.2	21.2
10 18	2 45.81	+13 4.1	1.867	2.830	6.4	21.0
10 28	2 37.84	+12 11.9	1.842	2.831	2.4	20.8
11 7	2 29.42	+11 19.2	1.845	2.831	2.4	20.8
11 17	2 21.49	+10 31.1	1.877	2.832	6.4	21.0
11 27	2 14.94	+ 9 52.6	1.937	2.833	10.1	21.2
12 7	2 10.40	+ 9 27.2	2.020	2.833	13.3	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
215100 1992 RD			11 2.9 85°.51		16°.6/23.5 18	
	h m	° ′			°	m
9 28	3 4.93	−24 58.0	1.507	2.297	19.1	19.7
10 8	2 58.53	−27 3.4	1.502	2.323	17.5	19.6
10 18	2 49.57	−28 37.0	1.517	2.349	16.7	19.6
10 28	2 39.14	−29 28.9	1.550	2.374	16.6	19.7
11 7	2 28.64	−29 35.1	1.604	2.399	17.3	19.8
11 17	2 19.34	−28 57.3	1.675	2.424	18.4	20.0
11 27	2 12.22	−27 41.4	1.763	2.448	19.7	20.2
12 7	2 7.80	−25 56.2	1.866	2.471	20.8	20.3
93851 2000 WE_{96}			11 2.9 271°.96		2°.7/ 1.0 18	
9 28	2 58.60	+ 7 37.6	2.151	2.986	12.5	19.1
10 8	2 53.51	+ 7 21.4	2.071	2.981	9.5	18.9
10 18	2 46.48	+ 7 3.3	2.015	2.976	6.1	18.7
10 28	2 38.11	+ 6 46.4	1.986	2.971	3.1	18.5
11 7	2 29.24	+ 6 34.3	1.986	2.966	3.6	18.5
11 17	2 20.77	+ 6 30.1	2.016	2.960	6.8	18.7
11 27	2 13.56	+ 6 36.3	2.072	2.955	10.2	18.9
12 7	2 8.25	+ 6 54.2	2.153	2.950	13.2	19.1
356146 2009 GV_{1}			11 2.9 311°.68		2°.8/ 1.1 17	
9 28	2 56.66	+10 32.1	1.629	2.480	15.1	20.8
10 8	2 52.74	+ 9 53.4	1.546	2.465	11.5	20.5
10 18	2 46.34	+ 9 7.5	1.485	2.451	7.4	20.2
10 28	2 38.14	+ 8 19.1	1.450	2.437	3.4	20.0
11 7	2 29.21	+ 7 34.2	1.441	2.423	4.1	20.0
11 17	2 20.72	+ 6 58.8	1.459	2.410	8.3	20.2
11 27	2 13.81	+ 6 38.2	1.502	2.397	12.6	20.4
12 7	2 9.29	+ 6 35.1	1.567	2.384	16.4	20.6
225463 2000 EQ_{67}			11 2.9 206°.25		0°.5/ 3.2 18	
9 28	3 1.38	+18 9.3	1.838	2.660	14.9	21.4
10 8	2 56.05	+17 52.2	1.755	2.656	11.5	21.1
10 18	2 48.30	+17 23.4	1.695	2.652	7.4	20.9
10 28	2 38.85	+16 44.4	1.660	2.648	3.0	20.6
11 7	2 28.74	+15 59.3	1.654	2.643	1.8	20.5
11 17	2 19.14	+15 13.1	1.677	2.637	6.4	20.8
11 27	2 11.14	+14 32.1	1.727	2.631	10.6	21.1
12 7	2 5.51	+14 1.2	1.800	2.625	14.3	21.3
124437 2001 QN_{248}			11 2.9 326°.50		2°.5/ 4.1 18	
9 28	3 2.38	+19 43.6	1.441	2.272	17.8	19.1
10 8	2 57.62	+20 17.9	1.361	2.265	13.9	18.8
10 18	2 49.74	+20 40.4	1.302	2.258	9.4	18.6
10 28	2 39.50	+20 50.1	1.267	2.251	4.6	18.3
11 7	2 28.25	+20 47.8	1.258	2.245	3.0	18.2
11 17	2 17.53	+20 37.0	1.275	2.239	7.4	18.4
11 27	2 8.83	+20 23.9	1.318	2.234	12.3	18.7
12 7	2 3.17	+20 14.8	1.382	2.229	16.5	18.9
190107 2004 TY_{333}			11 2.9 159°.55		0°.3/ 3.2 18	
9 28	2 55.72	+18 54.8	2.509	3.322	11.6	20.9
10 8	2 51.09	+18 20.0	2.428	3.325	8.9	20.7
10 18	2 44.81	+17 35.2	2.372	3.328	5.7	20.5
10 28	2 37.45	+16 42.6	2.343	3.331	2.3	20.3
11 7	2 29.74	+15 45.8	2.345	3.333	1.4	20.3
11 17	2 22.43	+14 49.2	2.376	3.336	4.9	20.5
11 27	2 16.24	+13 57.5	2.437	3.338	8.1	20.7
12 7	2 11.70	+13 14.5	2.523	3.340	10.9	20.9
169827 2002 QH_{69}			11 2.9 322°.97		8°.7/27.5 18	
9 28	2 55.41	− 3 2.5	1.566	2.424	15.3	19.5
10 8	2 51.73	− 4 30.0	1.500	2.412	12.3	19.3
10 18	2 45.63	− 5 53.1	1.456	2.400	9.7	19.2
10 28	2 37.85	− 7 2.2	1.435	2.389	8.7	19.1
11 7	2 29.44	− 7 48.7	1.440	2.377	10.0	19.1
11 17	2 21.54	− 8 7.2	1.469	2.367	12.7	19.3
11 27	2 15.26	− 7 55.6	1.520	2.357	15.9	19.4
12 7	2 11.31	− 7 16.3	1.589	2.348	18.7	19.6
239552 2008 SH_{136}			11 2.9 162°.53		1°.9/ 4.2 18	
9 28	2 59.95	+21 46.5	1.715	2.534	15.9	21.1
10 8	2 55.14	+21 36.4	1.638	2.534	12.4	20.8
10 18	2 47.78	+21 11.3	1.582	2.535	8.3	20.6
10 28	2 38.65	+20 31.9	1.551	2.535	4.0	20.3
11 7	2 28.89	+19 41.8	1.548	2.536	2.3	20.2
11 17	2 19.72	+18 47.0	1.573	2.536	6.4	20.5
11 27	2 12.29	+17 54.4	1.625	2.537	10.6	20.7
12 7	2 7.35	+17 10.5	1.700	2.537	14.4	21.0
509400 2007 DG_{34}			11 2.9 212°.13		0°.8/ 3.5 18	
9 28	3 1.60	+18 55.2	1.921	2.738	14.5	22.2
10 8	2 56.18	+18 44.2	1.835	2.732	11.2	22.0
10 18	2 48.37	+18 21.4	1.771	2.726	7.4	21.8
10 28	2 38.88	+17 48.3	1.733	2.720	3.1	21.5
11 7	2 28.73	+17 7.9	1.724	2.713	1.8	21.4
11 17	2 19.03	+16 25.2	1.745	2.705	6.1	21.6
11 27	2 10.88	+15 45.8	1.792	2.697	10.3	21.9
12 7	2 5.03	+15 15.0	1.864	2.689	13.8	22.1

12222 Perotto 11 2.9 314°.25 4°.1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 55.80	+28 9.8	1.582	2.392	17.5	17.5
10 8	2 52.52	+27 54.8	1.488	2.373	14.2	17.2
10 18	2 46.42	+27 16.2	1.413	2.355	10.3	17.0
10 28	2 38.24	+26 13.2	1.362	2.336	6.2	16.7
11 7	2 29.15	+24 48.7	1.336	2.319	4.1	16.5
11 17	2 20.53	+23 10.1	1.337	2.302	7.1	16.7
11 27	2 13.72	+21 28.3	1.364	2.285	11.5	16.9
12 7	2 9.64	+19 53.9	1.414	2.269	15.7	17.1

182245 2001 FU_{19} 11 2.9 107°.04 1°.1/ 2.1 16

9 28	3 2.48	+15 27.9	1.682	2.513	15.7	20.8
10 8	2 56.67	+14 41.2	1.625	2.533	11.8	20.6
10 18	2 48.50	+13 43.8	1.591	2.553	7.4	20.4
10 28	2 38.84	+12 40.2	1.584	2.573	2.7	20.1
11 7	2 28.85	+11 36.3	1.605	2.592	2.6	20.2
11 17	2 19.68	+10 38.8	1.655	2.610	7.0	20.5
11 27	2 12.34	+ 9 53.5	1.731	2.628	11.1	20.8
12 7	2 7.42	+ 9 23.7	1.831	2.645	14.5	21.0

446139 2013 EA_{72} 11 2.9 147°.27 1°.1/ 2.1 18

9 28	2 58.44	+13 25.2	2.029	2.861	13.3	21.2
10 8	2 53.50	+13 5.1	1.954	2.862	10.1	21.0
10 18	2 46.51	+12 38.1	1.902	2.864	6.4	20.8
10 28	2 38.13	+12 7.0	1.876	2.865	2.4	20.5
11 7	2 29.28	+11 35.6	1.880	2.867	2.3	20.5
11 17	2 20.91	+11 8.1	1.913	2.868	6.2	20.8
11 27	2 13.92	+10 48.4	1.972	2.869	9.9	21.0
12 7	2 8.94	+10 39.5	2.056	2.870	13.1	21.2

391343 2006 UE_{103} 11 2.9 110°.53 0°.2/ 3.1 18

9 28	2 58.96	+19 0.1	2.200	3.013	13.0	21.9
10 8	2 53.59	+18 19.0	2.135	3.033	9.9	21.7
10 18	2 46.38	+17 26.8	2.095	3.051	6.3	21.5
10 28	2 38.03	+16 26.5	2.082	3.069	2.4	21.3
11 7	2 29.40	+15 22.3	2.099	3.087	1.5	21.3
11 17	2 21.36	+14 19.6	2.145	3.104	5.4	21.6
11 27	2 14.70	+13 23.7	2.221	3.121	8.8	21.8
12 7	2 9.95	+12 38.6	2.322	3.137	11.8	22.0

254461 2005 CT_{59} 11 2.9 332°.85 2°.6/ 1.2 18

9 28	2 57.86	+13 27.8	1.281	2.141	17.9	20.1
10 8	2 54.11	+12 26.1	1.213	2.137	13.6	19.9
10 18	2 47.38	+11 11.1	1.166	2.134	8.6	19.6
10 28	2 38.56	+ 9 49.2	1.142	2.131	3.6	19.3
11 7	2 29.00	+ 8 29.5	1.144	2.128	4.3	19.3
11 17	2 20.16	+ 7 21.7	1.171	2.125	9.4	19.6
11 27	2 13.39	+ 6 33.6	1.222	2.123	14.3	19.9
12 7	2 9.51	+ 6 9.1	1.292	2.121	18.5	20.1

275424 2011 CG_{16} 11 2.9 222°.31 4°.5/29.7 18

9 28	2 54.63	+ 2 41.2	2.400	3.241	11.2	20.3
10 8	2 50.27	+ 1 44.9	2.330	3.240	8.6	20.1
10 18	2 44.30	+ 0 48.9	2.284	3.238	6.1	19.9
10 28	2 37.27	− 0 2.0	2.266	3.237	4.5	19.8
11 7	2 29.89	− 0 43.0	2.277	3.235	5.3	19.9
11 17	2 22.89	− 1 10.5	2.316	3.234	7.7	20.0
11 27	2 16.97	− 1 22.2	2.381	3.232	10.3	20.2
12 7	2 12.65	− 1 17.5	2.469	3.230	12.7	20.4

227695 2006 DK_{44} 11 2.9 219°.92 0°.6/ 3.5 17

9 28	2 56.08	+18 55.9	2.676	3.485	11.1	21.1
10 8	2 51.35	+18 35.5	2.585	3.479	8.5	21.0
10 18	2 45.00	+18 6.1	2.518	3.472	5.5	20.8
10 28	2 37.55	+17 29.2	2.478	3.465	2.3	20.5
11 7	2 29.69	+16 47.4	2.469	3.458	1.3	20.4
11 17	2 22.14	+16 4.4	2.490	3.450	4.6	20.7
11 27	2 15.62	+15 24.2	2.540	3.442	7.8	20.9
12 7	2 10.67	+14 50.5	2.616	3.434	10.5	21.0

217935 2001 TZ_{78} 11 2.9 14°.30 2°.7/31.7 18

9 28	2 54.73	+22 24.0	0.918	1.787	22.5	19.1
10 8	2 52.50	+19 26.9	0.859	1.788	17.1	18.7
10 18	2 46.61	+15 48.0	0.819	1.790	10.6	18.4
10 28	2 38.27	+11 42.7	0.802	1.792	3.9	18.0
11 7	2 29.27	+ 7 37.1	0.811	1.796	5.5	18.2
11 17	2 21.44	+ 3 58.9	0.846	1.800	12.1	18.5
11 27	2 16.25	+ 1 7.8	0.903	1.805	18.1	18.9
12 7	2 14.46	− 0 49.5	0.978	1.810	22.9	19.2

85003 2003 YR_{142} 11 2.9 103°.22 4°.1/31.6 18

9 28	3 2.68	+ 3 39.4	1.893	2.729	13.9	19.3
10 8	2 56.70	+ 3 27.8	1.827	2.735	10.7	19.1
10 18	2 48.52	+ 3 17.9	1.784	2.741	7.2	18.9
10 28	2 38.89	+ 3 13.7	1.768	2.747	4.4	18.7
11 7	2 28.80	+ 3 18.6	1.781	2.753	5.0	18.8
11 17	2 19.30	+ 3 35.1	1.822	2.759	8.1	19.0
11 27	2 11.35	+ 4 4.4	1.890	2.765	11.5	19.2
12 7	2 5.61	+ 4 46.2	1.981	2.770	14.5	19.4

310449 2000 LC_3 11 2.9 200°.54 7°.8/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 6.74	+40 43.9	1.811	2.531	18.7	20.6
10 8	3 0.66	+40 24.9	1.717	2.528	16.1	20.4
10 18	2 51.44	+39 34.6	1.641	2.523	13.0	20.1
10 28	2 40.07	+38 8.4	1.587	2.518	9.9	20.0
11 7	2 28.01	+36 7.7	1.560	2.513	7.9	19.8
11 17	2 16.86	+33 39.6	1.561	2.506	8.5	19.8
11 27	2 7.99	+30 57.6	1.592	2.499	11.2	20.0
12 7	2 2.20	+28 16.5	1.648	2.491	14.5	20.2

265290 2004 GV_{32} 11 2.9 145°.63 0°.7/ 3.5 17

9 28	3 2.35	+19 7.5	1.881	2.697	14.8	21.7
10 8	2 56.60	+18 49.4	1.809	2.706	11.4	21.5
10 18	2 48.53	+18 19.2	1.759	2.715	7.4	21.2
10 28	2 38.91	+17 38.6	1.736	2.723	3.0	21.0
11 7	2 28.81	+16 51.5	1.742	2.731	1.8	20.9
11 17	2 19.33	+16 3.2	1.777	2.738	6.1	21.2
11 27	2 11.50	+15 19.7	1.840	2.744	10.1	21.5
12 7	2 5.99	+14 45.7	1.927	2.750	13.5	21.7

355120 2006 UV_{110} 11 2.9 66°.52 2°.0/ 4.5 18

9 28	2 58.33	+22 33.5	1.905	2.717	14.8	20.9
10 8	2 53.68	+22 22.7	1.826	2.719	11.6	20.7
10 18	2 46.76	+21 57.4	1.770	2.720	7.8	20.5
10 28	2 38.27	+21 18.6	1.739	2.722	3.9	20.2
11 7	2 29.23	+20 29.4	1.736	2.723	2.3	20.1
11 17	2 20.73	+19 35.2	1.762	2.725	5.8	20.4
11 27	2 13.77	+18 42.3	1.815	2.726	9.7	20.6
12 7	2 9.04	+17 56.7	1.892	2.728	13.2	20.8

421878 2014 QL_{171} 11 2.9 325°.58 3°.9/ 5.7 17

9 28	2 58.11	+26 4.5	2.011	2.808	14.7	20.7
10 8	2 53.66	+26 30.3	1.921	2.798	11.8	20.5
10 18	2 46.87	+26 41.9	1.852	2.788	8.6	20.3
10 28	2 38.37	+26 38.1	1.808	2.779	5.3	20.0
11 7	2 29.14	+26 19.5	1.791	2.770	3.9	19.9
11 17	2 20.26	+25 49.1	1.802	2.761	6.2	20.1
11 27	2 12.83	+25 12.5	1.841	2.753	9.6	20.3
12 7	2 7.65	+24 35.9	1.903	2.745	12.8	20.4

483304 2015 UK_{44} 11 2.9 221°.60 5°.2/29.9 18

9 28	2 57.67	+ 0 14.9	2.209	3.047	12.2	21.0
10 8	2 52.70	− 0 26.2	2.139	3.045	9.5	20.8
10 18	2 45.91	− 1 4.5	2.093	3.043	6.8	20.6
10 28	2 37.91	− 1 35.2	2.074	3.040	5.2	20.5
11 7	2 29.51	− 1 53.8	2.083	3.038	6.0	20.6
11 17	2 21.54	− 1 57.2	2.120	3.036	8.4	20.7
11 27	2 14.79	− 1 44.0	2.184	3.033	11.2	20.9
12 7	2 9.84	− 1 14.6	2.270	3.031	13.7	21.1

45217 1999 XL_{186} 11 2.9 183°.76 5°.5/ 8.1 18

9 28	3 1.71	+34 34.9	2.365	3.106	14.3	19.7
10 8	2 56.08	+34 42.9	2.275	3.106	12.0	19.6
10 18	2 48.22	+34 31.9	2.206	3.106	9.4	19.4
10 28	2 38.84	+34 0.1	2.162	3.106	6.9	19.2
11 7	2 28.90	+33 8.3	2.145	3.104	5.5	19.2
11 17	2 19.46	+32 0.2	2.157	3.103	6.4	19.2
11 27	2 11.51	+30 42.2	2.198	3.101	8.8	19.4
12 7	2 5.74	+29 22.2	2.265	3.098	11.4	19.5

276405 2002 XJ_{95} 11 2.9 332°.89 0°.9/ 2.5 18

9 28	2 57.59	+14 28.3	1.220	2.081	18.5	20.7
10 8	2 54.28	+14 18.5	1.145	2.069	14.2	20.4
10 18	2 47.76	+13 57.5	1.090	2.057	9.1	20.1
10 28	2 38.83	+13 28.5	1.057	2.046	3.4	19.7
11 7	2 28.87	+12 56.6	1.048	2.036	2.9	19.6
11 17	2 19.50	+12 28.5	1.064	2.027	8.7	20.0
11 27	2 12.25	+12 11.2	1.103	2.019	14.1	20.2
12 7	2 8.14	+12 9.3	1.162	2.012	18.8	20.5

522908 2016 PL_{107} 11 2.9 273°.55 5°.1/31.0 18

9 28	3 0.88	+ 5 18.1	1.458	2.312	16.4	21.6
10 8	2 56.08	+ 4 32.4	1.388	2.307	12.6	21.4
10 18	2 48.51	+ 3 44.8	1.340	2.302	8.5	21.1
10 28	2 39.01	+ 3 1.9	1.317	2.297	5.3	20.9
11 7	2 28.79	+ 2 30.5	1.320	2.292	6.3	21.0
11 17	2 19.20	+ 2 16.3	1.348	2.287	10.1	21.2
11 27	2 11.48	+ 2 22.4	1.401	2.282	14.3	21.4
12 7	2 6.46	+ 2 49.1	1.474	2.277	17.9	21.7

259929 2004 EY_{38} 11 2.9 174°.36 3°.4/31.4 18

9 28	3 1.15	+ 7 53.0	1.908	2.745	13.8	20.6
10 8	2 55.60	+ 7 5.2	1.837	2.748	10.5	20.4
10 18	2 47.87	+ 6 13.6	1.789	2.750	6.8	20.2
10 28	2 38.70	+ 5 23.1	1.769	2.752	3.8	20.0
11 7	2 29.04	+ 4 39.1	1.777	2.753	4.5	20.0
11 17	2 19.93	+ 4 6.7	1.814	2.753	7.9	20.3
11 27	2 12.33	+ 3 49.4	1.878	2.753	11.5	20.5
12 7	2 6.89	+ 3 48.7	1.964	2.752	14.6	20.7

215396 2002 CT_{258} 11 2.9 198°.11 2°.9/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 1.09	+11 34.5	1.552	2.397	16.1	20.8
10 8	2 56.09	+10 38.1	1.479	2.395	12.2	20.6
10 18	2 48.45	+ 9 32.4	1.429	2.393	7.7	20.3
10 28	2 38.97	+ 8 23.1	1.404	2.391	3.5	20.1
11 7	2 28.85	+ 7 17.4	1.406	2.388	4.2	20.1
11 17	2 19.36	+ 6 22.8	1.436	2.384	8.7	20.4
11 27	2 11.70	+ 5 45.3	1.491	2.381	13.0	20.6
12 7	2 6.62	+ 5 27.8	1.568	2.376	16.8	20.8

201557 2003 RC_{26} 11 2.9 52°.55 0°.2/ 3.1 18

9 28	2 55.77	+18 4.3	2.134	2.958	13.0	20.4
10 8	2 51.38	+17 37.3	2.064	2.966	9.9	20.2
10 18	2 45.12	+17 0.0	2.016	2.975	6.4	20.0
10 28	2 37.64	+16 15.0	1.996	2.984	2.5	19.7
11 7	2 29.78	+15 26.1	2.005	2.993	1.6	19.7
11 17	2 22.42	+14 38.1	2.042	3.003	5.4	20.0
11 27	2 16.36	+13 55.7	2.108	3.012	9.0	20.2
12 7	2 12.18	+13 23.1	2.197	3.022	12.0	20.4

396945 2005 JS_{90} 11 2.9 92°.19 1°.2/ 2.1 18

9 28	3 1.71	+12 15.4	1.998	2.826	13.6	21.7
10 8	2 55.81	+12 4.3	1.939	2.846	10.3	21.6
10 18	2 47.88	+11 47.8	1.904	2.865	6.4	21.4
10 28	2 38.66	+11 28.6	1.896	2.885	2.5	21.2
11 7	2 29.11	+11 9.9	1.917	2.903	2.4	21.2
11 17	2 20.19	+10 55.4	1.968	2.922	6.2	21.5
11 27	2 12.80	+10 48.3	2.046	2.940	9.8	21.7
12 7	2 7.50	+10 50.7	2.149	2.958	12.8	22.0

114419 2002 YQ_{31} 11 2.9 358°.75 4°.5/ 5.3 18 R

9 28	2 54.11	+24 31.9	1.048	1.902	21.4	18.4
10 8	2 52.14	+24 54.0	0.985	1.897	17.1	18.2
10 18	2 46.60	+24 53.1	0.938	1.894	12.1	17.9
10 28	2 38.43	+24 27.6	0.911	1.892	6.9	17.6
11 7	2 29.22	+23 40.7	0.907	1.892	4.6	17.5
11 17	2 20.82	+22 40.3	0.925	1.894	8.5	17.7
11 27	2 14.92	+21 38.0	0.966	1.898	13.7	18.0
12 7	2 12.51	+20 44.5	1.025	1.903	18.5	18.3

263288 2008 BZ_{46} 11 2.9 60°.12 3°.1/31.5 18

9 28	2 56.64	+ 8 59.6	1.911	2.755	13.5	21.0
10 8	2 52.19	+ 8 9.1	1.843	2.759	10.2	20.8
10 18	2 45.71	+ 7 13.9	1.799	2.762	6.5	20.6
10 28	2 37.88	+ 6 19.0	1.781	2.766	3.5	20.4
11 7	2 29.63	+ 5 30.0	1.792	2.770	4.2	20.5
11 17	2 21.90	+ 4 51.9	1.831	2.773	7.6	20.7
11 27	2 15.58	+ 4 28.6	1.896	2.777	11.1	20.9
12 7	2 11.27	+ 4 21.8	1.983	2.781	14.1	21.1

301584 2010 BN_{15} 11 2.9 71°.94 7°.8/28.4 16

9 28	2 59.97	− 3 27.1	1.745	2.588	14.6	21.0
10 8	2 54.48	− 4 51.2	1.714	2.617	11.6	20.9
10 18	2 46.98	− 6 7.1	1.706	2.645	9.0	20.8
10 28	2 38.29	− 7 7.2	1.724	2.674	7.8	20.8
11 7	2 29.44	− 7 45.5	1.769	2.702	8.8	20.9
11 17	2 21.41	− 7 59.2	1.839	2.730	11.0	21.1
11 27	2 15.04	− 7 48.3	1.934	2.758	13.5	21.3
12 7	2 10.81	− 7 15.6	2.048	2.785	15.7	21.5

14113 1998 QD_{32} 11 2.9 11°.24 11°.7/25.0 18

9 28	2 52.12	− 9 48.6	1.443	2.302	16.3	16.4
10 8	2 49.22	−11 40.4	1.407	2.308	13.8	16.2
10 18	2 43.98	−13 17.7	1.392	2.314	12.1	16.2
10 28	2 37.24	−14 29.4	1.400	2.322	11.7	16.2
11 7	2 30.11	−15 7.8	1.430	2.332	12.9	16.3
11 17	2 23.69	−15 10.1	1.482	2.342	15.0	16.4
11 27	2 18.95	−14 37.5	1.553	2.354	17.3	16.6
12 7	2 16.48	−13 35.2	1.641	2.367	19.4	16.8

55366 2001 SA_{184} 11 2.9 232°.45 1°.2/ 3.7 18

9 28	3 1.43	+19 41.5	1.731	2.553	15.7	20.0
10 8	2 56.35	+19 34.6	1.647	2.546	12.2	19.7
10 18	2 48.67	+19 14.6	1.584	2.539	8.1	19.5
10 28	2 39.10	+18 42.4	1.546	2.532	3.5	19.2
11 7	2 28.78	+18 1.3	1.536	2.525	2.0	19.1
11 17	2 18.95	+17 16.5	1.555	2.517	6.6	19.4
11 27	2 10.82	+16 34.7	1.600	2.509	11.0	19.6
12 7	2 5.21	+16 1.7	1.669	2.501	14.8	19.8

325964 2010 VN_{109} 11 2.9 167°.82 2°.7/ 1.1 18

9 28	3 1.71	+11 21.2	1.629	2.470	15.6	21.4
10 8	2 56.39	+10 31.1	1.560	2.474	11.8	21.1
10 18	2 48.55	+ 9 33.0	1.513	2.477	7.5	20.9
10 28	2 39.00	+ 8 32.0	1.492	2.479	3.4	20.7
11 7	2 28.90	+ 7 34.8	1.499	2.481	4.0	20.7
11 17	2 19.45	+ 6 47.9	1.534	2.482	8.2	21.0
11 27	2 11.78	+ 6 16.4	1.595	2.483	12.4	21.2
12 7	2 6.59	+ 6 3.1	1.677	2.484	15.9	21.5

178368 1997 CP_{16} 11 2.9 147°.40 0°.2/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 1.89	+16 31.0	1.625	2.457	16.1	21.0
10 8	2 56.62	+16 7.4	1.554	2.462	12.3	20.7
10 18	2 48.75	+15 32.2	1.505	2.466	7.8	20.5
10 28	2 39.10	+14 48.2	1.482	2.470	2.9	20.2
11 7	2 28.86	+14 0.4	1.486	2.474	2.2	20.2
11 17	2 19.29	+13 14.7	1.518	2.478	7.0	20.5
11 27	2 11.54	+12 37.3	1.577	2.481	11.5	20.8
12 7	2 6.35	+12 12.9	1.658	2.484	15.2	21.0

513168 2004 EA_{42} 11 2.9 227°.61 11°.0/ 9.3 18

9 28	3 14.09	+42 4.8	1.982	2.673	18.1	22.0
10 8	3 7.08	+43 48.1	1.887	2.663	16.1	21.8
10 18	2 56.24	+45 11.6	1.811	2.653	14.0	21.6
10 28	2 42.25	+46 6.4	1.757	2.642	12.0	21.5
11 7	2 26.52	+46 26.2	1.728	2.630	11.0	21.4
11 17	2 10.97	+46 10.0	1.724	2.618	11.4	21.4
11 27	1 57.59	+45 23.6	1.746	2.605	13.1	21.5
12 7	1 47.77	+44 18.0	1.790	2.591	15.3	21.6

298053 2002 QW_{48} 11 2.9 65°.75 0°.4/ 3.2 18

9 28	3 0.06	+17 21.6	1.734	2.563	15.3	21.0
10 8	2 55.05	+17 13.9	1.668	2.573	11.7	20.8
10 18	2 47.65	+16 55.5	1.624	2.583	7.5	20.6
10 28	2 38.66	+16 28.4	1.605	2.593	3.0	20.3
11 7	2 29.17	+15 56.3	1.615	2.604	1.8	20.2
11 17	2 20.33	+15 24.1	1.652	2.614	6.3	20.6
11 27	2 13.17	+14 56.9	1.716	2.624	10.4	20.8
12 7	2 8.39	+14 39.1	1.804	2.635	14.0	21.1

179080 2001 SJ_{146} 11 2.9 350°.94 6°.6/ 6.7 17

9 28	3 1.37	+29 37.2	1.643	2.435	17.7	20.0
10 8	2 56.81	+30 39.2	1.563	2.431	14.6	19.8
10 18	2 49.25	+31 24.0	1.503	2.427	11.2	19.6
10 28	2 39.42	+31 47.1	1.466	2.424	8.0	19.4
11 7	2 28.58	+31 47.1	1.453	2.421	6.6	19.3
11 17	2 18.22	+31 26.4	1.468	2.419	8.2	19.4
11 27	2 9.79	+30 51.5	1.507	2.418	11.4	19.6
12 7	2 4.27	+30 11.2	1.569	2.417	14.8	19.8

427398 1997 SQ_{7} 11 2.9 81°.87 1°.9/ 4.1 16

9 28	3 4.47	+20 45.6	1.564	2.384	17.2	21.8
10 8	2 58.53	+20 49.4	1.508	2.406	13.3	21.6
10 18	2 49.89	+20 38.8	1.473	2.427	8.8	21.4
10 28	2 39.50	+20 14.8	1.464	2.448	4.1	21.1
11 7	2 28.66	+19 40.7	1.481	2.469	2.4	21.1
11 17	2 18.72	+19 2.0	1.526	2.489	6.6	21.4
11 27	2 10.82	+18 25.5	1.598	2.510	10.8	21.7
12 7	2 5.66	+17 56.8	1.694	2.530	14.5	22.0

120006 2002 YK_{31} 11 2.9 278°.54 0°.4/ 2.7 18

9 28	2 59.72	+16 4.4	1.594	2.432	16.0	20.4
10 8	2 55.30	+15 41.8	1.505	2.417	12.3	20.1
10 18	2 48.15	+15 7.2	1.438	2.401	7.9	19.9
10 28	2 38.98	+14 23.2	1.397	2.386	3.0	19.5
11 7	2 28.92	+13 34.6	1.382	2.370	2.3	19.4
11 17	2 19.30	+12 47.7	1.394	2.354	7.5	19.7
11 27	2 11.40	+12 9.2	1.432	2.338	12.2	20.0
12 7	2 6.10	+11 44.5	1.492	2.323	16.4	20.2

180935 2005 LP_{38} 11 2.9 180°.29 1°.3/ 1.9 16

9 28	3 1.16	+14 50.4	1.766	2.598	15.0	21.3
10 8	2 55.88	+14 3.4	1.691	2.599	11.4	21.1
10 18	2 48.20	+13 5.4	1.638	2.600	7.2	20.9
10 28	2 38.90	+12 0.7	1.611	2.600	2.7	20.6
11 7	2 29.05	+10 55.1	1.614	2.600	2.8	20.6
11 17	2 19.78	+ 9 55.1	1.645	2.599	7.2	20.9
11 27	2 12.17	+ 9 7.1	1.703	2.597	11.3	21.1
12 7	2 6.91	+ 8 35.0	1.784	2.595	14.9	21.4

307166 2002 EY_{5} 11 2.9 323°.69 3°.7/ 4.5 18

9 28	3 2.94	+21 37.3	1.230	2.067	19.9	19.8
10 8	2 58.66	+22 19.5	1.154	2.059	15.8	19.5
10 18	2 50.77	+22 46.9	1.096	2.050	11.0	19.2
10 28	2 40.10	+22 57.1	1.061	2.043	5.9	18.9
11 7	2 28.16	+22 50.2	1.050	2.035	4.0	18.8
11 17	2 16.81	+22 30.4	1.064	2.029	8.4	19.1
11 27	2 7.85	+22 5.5	1.101	2.023	13.6	19.3
12 7	2 2.41	+21 44.2	1.159	2.017	18.2	19.6

179141 2001 SQ_{325} 11 2.9 44°.58 2°.4/ 1.1 18

9 28	2 56.66	+11 23.5	1.831	2.675	14.0	20.1
10 8	2 52.32	+10 33.6	1.762	2.678	10.6	19.9
10 18	2 45.87	+ 9 36.7	1.717	2.681	6.7	19.7
10 28	2 38.00	+ 8 37.5	1.698	2.685	3.0	19.5
11 7	2 29.68	+ 7 41.9	1.707	2.689	3.6	19.6
11 17	2 21.91	+ 6 55.6	1.744	2.692	7.4	19.8
11 27	2 15.60	+ 6 23.1	1.807	2.696	11.1	20.0
12 7	2 11.40	+ 6 7.1	1.893	2.700	14.3	20.3

480810 1995 TF_3 11 2.9 356°.10 1°.8/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 56.02	+17 53.8	1.137	1.999	19.5	20.1
10 8	2 53.30	+18 23.4	1.070	1.992	15.2	19.8
10 18	2 47.25	+18 40.6	1.022	1.986	10.1	19.5
10 28	2 38.71	+18 45.2	0.995	1.983	4.5	19.2
11 7	2 29.15	+18 39.8	0.992	1.981	2.7	19.1
11 17	2 20.28	+18 29.0	1.012	1.980	8.1	19.4
11 27	2 13.68	+18 19.7	1.055	1.982	13.5	19.7
12 7	2 10.35	+18 17.9	1.118	1.985	18.1	20.0

141551 2002 GO_{55} 11 2.9 141°.36 1°.8/ 4.2 18

9 28	3 4.29	+21 33.9	1.686	2.499	16.4	21.2
10 8	2 58.41	+21 25.5	1.616	2.509	12.8	21.0
10 18	2 49.88	+21 2.0	1.566	2.518	8.5	20.8
10 28	2 39.55	+20 24.3	1.543	2.527	4.0	20.5
11 7	2 28.64	+19 36.1	1.547	2.535	2.3	20.4
11 17	2 18.46	+18 43.1	1.580	2.543	6.5	20.7
11 27	2 10.18	+17 52.7	1.640	2.550	10.7	21.0
12 7	2 4.53	+17 11.1	1.724	2.556	14.4	21.2

160315 2003 HO_{49} 11 2.9 41°.80 8°.0/11.1 17

9 28	3 4.23	+43 27.4	1.272	2.017	24.1	18.1
10 8	2 58.85	+42 11.5	1.226	2.054	20.3	17.9
10 18	2 50.04	+40 11.6	1.196	2.091	15.9	17.8
10 28	2 39.42	+37 28.2	1.187	2.129	11.5	17.6
11 7	2 28.93	+34 11.3	1.204	2.167	8.3	17.6
11 17	2 20.20	+30 38.4	1.249	2.206	8.6	17.7
11 27	2 14.34	+27 10.2	1.322	2.245	11.7	18.0
12 7	2 11.73	+24 3.4	1.421	2.284	15.2	18.3

192213 2007 LE_{28} 11 2.9 102°.09 3°.7/30.5 18

9 28	2 54.98	+ 5 36.5	2.363	3.203	11.4	21.1
10 8	2 50.56	+ 4 41.3	2.298	3.209	8.6	20.9
10 18	2 44.53	+ 3 44.7	2.257	3.215	5.8	20.8
10 28	2 37.46	+ 2 51.2	2.244	3.221	3.8	20.6
11 7	2 30.08	+ 2 5.4	2.259	3.227	4.5	20.7
11 17	2 23.12	+ 1 31.4	2.304	3.233	7.1	20.9
11 27	2 17.27	+ 1 11.8	2.376	3.239	9.9	21.1
12 7	2 13.04	+ 1 7.5	2.470	3.244	12.4	21.3

452958 2007 BJ_{33} 11 2.9 298°.37 6°.3/28.9 18

9 28	2 56.64	− 1 10.2	2.009	2.853	12.9	21.5
10 8	2 52.15	− 2 9.9	1.941	2.849	10.2	21.3
10 18	2 45.71	− 3 6.2	1.897	2.844	7.7	21.1
10 28	2 37.95	− 3 52.9	1.879	2.839	6.3	21.0
11 7	2 29.74	− 4 24.3	1.888	2.835	7.3	21.1
11 17	2 21.99	− 4 36.6	1.924	2.830	9.7	21.2
11 27	2 15.54	− 4 28.1	1.984	2.826	12.5	21.4
12 7	2 11.01	− 3 59.6	2.066	2.821	15.1	21.6

485647 2011 WD_{30} 11 2.9 352°.11 4°.8/30.4 17

9 28	2 45.59	+11 30.0	1.069	1.960	18.2	19.8
10 8	2 45.24	+ 9 49.9	1.004	1.945	13.8	19.5
10 18	2 42.01	+ 7 53.7	0.959	1.933	8.9	19.2
10 28	2 36.69	+ 5 52.4	0.936	1.923	5.0	19.0
11 7	2 30.59	+ 3 59.9	0.937	1.915	6.7	19.1
11 17	2 25.11	+ 2 29.6	0.960	1.910	11.6	19.3
11 27	2 21.60	+ 1 30.8	1.004	1.907	16.5	19.6
12 7	2 20.86	+ 1 6.3	1.065	1.907	20.7	19.9

438041 2004 KN_2 11 2.9 187°.38 0°.8/ 2.5 18

9 28	3 2.46	+14 20.2	1.769	2.599	15.0	21.4
10 8	2 56.93	+14 5.9	1.692	2.599	11.5	21.2
10 18	2 48.94	+13 43.3	1.637	2.598	7.3	21.0
10 28	2 39.22	+13 14.8	1.608	2.597	2.7	20.7
11 7	2 28.87	+12 44.2	1.608	2.596	2.3	20.7
11 17	2 19.07	+12 16.5	1.637	2.594	6.9	21.0
11 27	2 10.93	+11 56.4	1.692	2.592	11.1	21.2
12 7	2 5.20	+11 47.5	1.771	2.590	14.7	21.4

193454 2000 WX_{174} 11 2.9 20°.13 4°.0/30.9 18

9 28	2 52.42	+13 58.6	1.174	2.047	18.3	18.5
10 8	2 49.97	+11 55.3	1.124	2.055	13.7	18.3
10 18	2 44.70	+ 9 36.0	1.093	2.064	8.6	18.1
10 28	2 37.60	+ 7 12.3	1.088	2.075	4.3	17.9
11 7	2 30.03	+ 4 58.7	1.107	2.086	5.8	18.0
11 17	2 23.34	+ 3 7.8	1.152	2.099	10.5	18.3
11 27	2 18.68	+ 1 48.2	1.220	2.113	15.0	18.6
12 7	2 16.69	+ 1 1.8	1.307	2.128	18.8	18.9

421578 2014 OV_{194} 11 2.9 1°.94 4°.7/29.6 18

9 28	2 54.01	+ 3 50.5	2.125	2.972	12.2	20.5
10 8	2 50.04	+ 2 40.3	2.058	2.972	9.3	20.4
10 18	2 44.31	+ 1 29.1	2.015	2.972	6.5	20.2
10 28	2 37.41	+ 0 22.8	2.000	2.972	4.8	20.1
11 7	2 30.13	− 0 32.8	2.012	2.972	5.7	20.1
11 17	2 23.28	− 1 12.9	2.052	2.973	8.4	20.3
11 27	2 17.63	− 1 34.7	2.118	2.974	11.2	20.5
12 7	2 13.73	− 1 37.5	2.206	2.975	13.8	20.7

265136 2003 UJ_{216} 11 2.9 12°.84 2°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 56.80	+22 23.2	1.834	2.653	15.1	20.1
10 8	2 52.66	+22 31.4	1.761	2.656	11.8	19.9
10 18	2 46.22	+22 26.2	1.709	2.660	8.1	19.7
10 28	2 38.20	+22 7.8	1.683	2.664	4.2	19.4
11 7	2 29.61	+21 38.6	1.683	2.670	2.6	19.3
11 17	2 21.55	+21 3.1	1.712	2.675	5.9	19.6
11 27	2 15.04	+20 26.9	1.766	2.682	9.7	19.8
12 7	2 10.79	+19 55.6	1.845	2.689	13.1	20.0

137088 1998 XT_{23} 11 2.9 260°.32 1°.8/ 1.7 18

9 28	2 59.87	+13 8.0	1.709	2.548	15.1	20.5
10 8	2 55.19	+12 30.2	1.620	2.533	11.5	20.3
10 18	2 47.98	+11 42.7	1.554	2.518	7.3	20.0
10 28	2 38.93	+10 49.3	1.514	2.503	3.0	19.7
11 7	2 29.09	+ 9 55.7	1.502	2.487	3.2	19.7
11 17	2 19.67	+ 9 8.1	1.517	2.471	7.7	19.9
11 27	2 11.84	+ 8 32.7	1.559	2.455	12.1	20.1
12 7	2 6.43	+ 8 13.4	1.623	2.438	16.0	20.4

72905 2001 LX 11 2.9 110°.31 0°.3/ 3.2 17

9 28	3 2.13	+18 49.2	1.665	2.490	16.1	19.7
10 8	2 56.64	+18 16.8	1.602	2.505	12.3	19.5
10 18	2 48.67	+17 30.9	1.562	2.520	7.9	19.2
10 28	2 39.09	+16 34.2	1.547	2.534	3.1	19.0
11 7	2 29.08	+15 32.3	1.560	2.549	1.9	18.9
11 17	2 19.84	+14 31.7	1.601	2.562	6.6	19.3
11 27	2 12.44	+13 39.2	1.670	2.575	10.8	19.5
12 7	2 7.53	+12 59.9	1.762	2.588	14.4	19.8

316213 2010 NB_5 11 2.9 135°.52 3°.3/ 1.1 17

9 28	3 4.61	+ 9 31.6	1.495	2.339	16.6	20.9
10 8	2 58.71	+ 8 50.0	1.435	2.349	12.6	20.7
10 18	2 50.08	+ 8 2.8	1.396	2.359	8.1	20.5
10 28	2 39.65	+ 7 15.5	1.383	2.369	3.9	20.2
11 7	2 28.69	+ 6 34.3	1.397	2.378	4.5	20.3
11 17	2 18.56	+ 6 5.0	1.439	2.386	8.8	20.6
11 27	2 10.42	+ 5 52.0	1.506	2.394	13.0	20.8
12 7	2 5.00	+ 5 56.7	1.595	2.401	16.6	21.1

282747 2006 FL_{46} 11 2.9 213°.15 5°.0/28.3 17

9 28	2 55.04	− 2 57.5	3.043	3.870	9.5	21.8
10 8	2 50.33	− 3 52.9	2.968	3.862	7.5	21.6
10 18	2 44.30	− 4 45.0	2.918	3.854	5.8	21.5
10 28	2 37.40	− 5 29.7	2.896	3.846	5.0	21.5
11 7	2 30.18	− 6 3.3	2.904	3.837	5.7	21.5
11 17	2 23.24	− 6 22.9	2.940	3.827	7.5	21.6
11 27	2 17.14	− 6 27.1	3.003	3.817	9.4	21.7
12 7	2 12.34	− 6 16.1	3.089	3.807	11.3	21.8

474917 2005 SB_{224} 11 2.9 7°.51 1°.0/ 2.4 18

9 28	2 52.49	+15 47.5	0.972	1.853	20.5	20.3
10 8	2 50.73	+15 17.6	0.919	1.853	15.6	20.0
10 18	2 45.58	+14 31.7	0.884	1.856	9.9	19.7
10 28	2 38.06	+13 35.4	0.870	1.861	3.7	19.4
11 7	2 29.76	+12 37.1	0.879	1.867	3.1	19.4
11 17	2 22.39	+11 46.6	0.909	1.875	9.3	19.8
11 27	2 17.42	+11 12.3	0.962	1.886	14.8	20.1
12 7	2 15.68	+10 58.8	1.032	1.897	19.4	20.4

43525 2001 DR_{32} 11 2.9 50°.90 5°.9/29.1 18

9 28	2 55.80	− 0 30.6	2.100	2.944	12.5	19.2
10 8	2 51.36	− 1 31.8	2.041	2.949	9.8	19.0
10 18	2 45.13	− 2 29.9	2.005	2.953	7.2	18.9
10 28	2 37.74	− 3 18.8	1.997	2.958	5.9	18.8
11 7	2 30.00	− 3 53.5	2.016	2.964	6.8	18.9
11 17	2 22.74	− 4 10.2	2.062	2.969	9.1	19.0
11 27	2 16.74	− 4 7.5	2.133	2.974	11.7	19.2
12 7	2 12.54	− 3 46.0	2.226	2.980	14.1	19.4

480201 2015 FY_{345} 11 2.9 126°.18 13°.0/11.3 16

9 28	3 19.02	+45 19.8	1.762	2.439	20.5	21.7
10 8	3 11.35	+47 25.2	1.694	2.451	18.4	21.5
10 18	2 59.21	+49 5.4	1.642	2.462	16.2	21.4
10 28	2 43.47	+50 9.6	1.611	2.473	14.2	21.3
11 7	2 25.98	+50 30.8	1.603	2.483	13.1	21.3
11 17	2 9.16	+50 8.9	1.618	2.493	13.2	21.3
11 27	1 55.31	+49 12.4	1.657	2.503	14.4	21.4
12 7	1 45.80	+47 55.0	1.718	2.511	16.2	21.5

321743 2010 MA_{67} 11 2.9 325°.08 5°.2/29.4 18

9 28	2 52.20	+ 7 48.2	1.592	2.455	14.8	20.2
10 8	2 49.44	+ 6 4.9	1.510	2.435	11.3	19.9
10 18	2 44.34	+ 4 11.9	1.450	2.415	7.6	19.7
10 28	2 37.56	+ 2 17.8	1.416	2.395	5.3	19.5
11 7	2 30.08	+ 0 33.1	1.409	2.377	6.8	19.5
11 17	2 23.01	− 0 52.7	1.429	2.359	10.5	19.7
11 27	2 17.44	− 1 52.5	1.472	2.341	14.4	19.9
12 7	2 14.12	− 2 23.9	1.535	2.325	17.9	20.1

316401 2010 TB_{67} 11 2.9 13°.24 0°.7/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.51	+18 33.5	1.821	2.649	14.7	21.2
10 8	2 53.15	+18 20.8	1.746	2.651	11.3	21.0
10 18	2 46.52	+17 56.6	1.694	2.652	7.4	20.8
10 28	2 38.33	+17 22.6	1.667	2.654	3.0	20.5
11 7	2 29.59	+16 42.5	1.667	2.656	1.8	20.5
11 17	2 21.37	+16 1.4	1.696	2.659	6.1	20.7
11 27	2 14.69	+15 24.9	1.751	2.661	10.1	21.0
12 7	2 10.24	+14 57.6	1.831	2.664	13.6	21.2

181476 2006 TK_{84} 11 2.9 319°.60 2°.3/ 4.6 18

9 28	2 58.93	+22 23.0	1.892	2.704	14.9	20.9
10 8	2 54.30	+22 27.1	1.809	2.701	11.7	20.7
10 18	2 47.31	+22 17.7	1.748	2.697	8.0	20.4
10 28	2 38.66	+21 55.0	1.713	2.694	4.1	20.2
11 7	2 29.36	+21 21.3	1.705	2.691	2.5	20.1
11 17	2 20.52	+20 41.0	1.725	2.688	6.0	20.3
11 27	2 13.22	+20 0.1	1.773	2.685	9.9	20.5
12 7	2 8.21	+19 24.4	1.844	2.683	13.3	20.7

435465 2008 FA_{23} 11 2.9 203°.34 1°.3/ 2.2 15

9 28	3 3.01	+13 0.2	1.680	2.514	15.5	22.3
10 8	2 57.51	+12 44.6	1.602	2.512	11.8	22.0
10 18	2 49.40	+12 21.3	1.547	2.509	7.5	21.8
10 28	2 39.46	+11 53.4	1.517	2.506	2.9	21.5
11 7	2 28.83	+11 25.0	1.516	2.502	2.7	21.5
11 17	2 18.74	+11 0.9	1.542	2.498	7.4	21.8
11 27	2 10.39	+10 46.1	1.595	2.494	11.7	22.0
12 7	2 4.56	+10 43.7	1.671	2.489	15.5	22.2

407127 2009 SO_{340} 11 2.9 64°.75 1°.0/ 2.0 18

9 28	2 55.18	+15 25.9	2.155	2.986	12.7	21.2
10 8	2 50.94	+14 34.9	2.084	2.992	9.6	21.0
10 18	2 44.89	+13 34.8	2.036	2.999	6.0	20.8
10 28	2 37.66	+12 29.1	2.016	3.005	2.2	20.6
11 7	2 30.08	+11 23.0	2.025	3.012	2.2	20.6
11 17	2 22.97	+10 21.8	2.064	3.019	5.9	20.8
11 27	2 17.12	+ 9 30.5	2.130	3.025	9.4	21.1
12 7	2 13.09	+ 8 52.6	2.220	3.032	12.3	21.3

359301 2009 HN_{83} 11 2.9 264°.14 5°.8/30.2 18

9 28	3 0.42	− 0 27.4	1.976	2.814	13.4	20.9
10 8	2 55.12	− 1 1.8	1.899	2.804	10.5	20.7
10 18	2 47.69	− 1 32.5	1.846	2.795	7.6	20.5
10 28	2 38.77	− 1 54.1	1.819	2.785	5.9	20.4
11 7	2 29.30	− 2 1.8	1.819	2.775	6.7	20.4
11 17	2 20.26	− 1 52.6	1.848	2.765	9.3	20.6
11 27	2 12.60	− 1 25.0	1.902	2.755	12.4	20.7
12 7	2 7.01	− 0 40.2	1.978	2.745	15.2	20.9

399734 2005 BM_{28} 11 2.9 254°.59 2°.6/ 4.9 18

9 28	2 59.80	+24 21.8	2.020	2.820	14.5	21.9
10 8	2 54.95	+24 14.8	1.922	2.806	11.5	21.7
10 18	2 47.76	+23 52.4	1.847	2.791	8.0	21.4
10 28	2 38.86	+23 14.6	1.797	2.776	4.4	21.2
11 7	2 29.22	+22 23.7	1.775	2.760	2.8	21.0
11 17	2 19.95	+21 24.4	1.782	2.744	5.9	21.2
11 27	2 12.12	+20 23.4	1.817	2.728	9.8	21.4
12 7	2 6.53	+19 27.5	1.876	2.711	13.3	21.6

380199 2000 YQ_{29} 11 2.9 159°.30 4°.4/29.1 18

9 28	2 58.74	− 1 17.7	3.160	3.978	9.4	22.0
10 8	2 52.93	− 2 9.6	3.096	3.989	7.3	21.9
10 18	2 45.86	− 2 58.6	3.059	3.999	5.4	21.8
10 28	2 37.98	− 3 41.1	3.052	4.008	4.4	21.7
11 7	2 29.88	− 4 13.5	3.075	4.016	5.1	21.8
11 17	2 22.14	− 4 33.5	3.129	4.023	6.8	21.9
11 27	2 15.31	− 4 39.8	3.210	4.029	8.8	22.1
12 7	2 9.80	− 4 32.4	3.315	4.035	10.6	22.2

118642 2000 HG_{102} 11 2.9 43°.12 0°.0/ 2.9 18

9 28	2 59.43	+17 59.9	1.254	2.104	18.8	19.5
10 8	2 55.21	+17 31.0	1.204	2.121	14.3	19.2
10 18	2 48.02	+16 47.0	1.173	2.137	9.1	19.0
10 28	2 38.90	+15 51.6	1.166	2.155	3.5	18.7
11 7	2 29.31	+14 51.6	1.184	2.173	2.3	18.7
11 17	2 20.69	+13 55.3	1.228	2.191	7.7	19.1
11 27	2 14.29	+13 10.1	1.296	2.210	12.6	19.4
12 7	2 10.79	+12 41.1	1.385	2.230	16.6	19.7

62856 2000 UL_{77} 11 2.9 77°.35 3°.1/ 1.3 18

9 28	3 2.47	+10 28.0	1.317	2.171	17.8	19.3
10 8	2 57.37	+ 9 48.8	1.263	2.183	13.5	19.1
10 18	2 49.35	+ 9 2.9	1.229	2.195	8.6	18.8
10 28	2 39.42	+ 8 15.8	1.220	2.207	3.9	18.6
11 7	2 28.95	+ 7 34.6	1.236	2.219	4.4	18.7
11 17	2 19.39	+ 7 5.5	1.278	2.230	9.1	19.0
11 27	2 11.99	+ 6 53.2	1.345	2.242	13.6	19.3
12 7	2 7.47	+ 6 59.2	1.433	2.254	17.4	19.6

89171 2001 UZ_{54} 11 2.9 217°.10 0°.1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 57.66	+17 37.6	2.052	2.876	13.5	20.0
10 8	2 53.04	+17 11.6	1.971	2.874	10.3	19.8
10 18	2 46.35	+16 35.1	1.913	2.872	6.6	19.6
10 28	2 38.27	+15 50.2	1.882	2.870	2.6	19.3
11 7	2 29.68	+15 1.0	1.880	2.868	1.7	19.3
11 17	2 21.54	+14 12.4	1.906	2.866	5.8	19.5
11 27	2 14.76	+13 29.7	1.960	2.864	9.6	19.8
12 7	2 9.99	+12 57.2	2.039	2.862	12.9	20.0

167362 2003 WD_{45} 11 2.9 302°.47 1°.7/ 4.1 18

9 28	2 59.54	+20 37.9	1.779	2.600	15.4	20.0
10 8	2 54.88	+20 37.2	1.698	2.596	12.0	19.7
10 18	2 47.75	+20 23.5	1.638	2.592	8.0	19.5
10 28	2 38.86	+19 57.4	1.604	2.588	3.7	19.2
11 7	2 29.28	+19 21.9	1.597	2.585	2.2	19.1
11 17	2 20.20	+18 41.5	1.617	2.581	6.2	19.4
11 27	2 12.74	+18 2.7	1.665	2.577	10.4	19.6
12 7	2 7.67	+17 30.9	1.736	2.574	14.1	19.9

225865 2001 XS_{215} 11 2.9 276°.22 2°.9/ 1.3 18

9 28	3 1.12	+ 8 58.2	1.624	2.470	15.4	20.5
10 8	2 56.16	+ 8 36.3	1.547	2.462	11.8	20.2
10 18	2 48.61	+ 8 10.3	1.491	2.455	7.6	20.0
10 28	2 39.20	+ 7 44.1	1.461	2.447	3.6	19.7
11 7	2 29.06	+ 7 22.9	1.458	2.439	4.1	19.7
11 17	2 19.43	+ 7 11.0	1.482	2.432	8.3	20.0
11 27	2 11.50	+ 7 12.5	1.532	2.424	12.5	20.2
12 7	2 6.07	+ 7 29.0	1.603	2.417	16.2	20.4

511591 2015 AV_{108} 11 2.9 65°.56 3°.2/ 1.2 17

9 28	3 2.40	+10 57.7	1.214	2.073	18.7	21.3
10 8	2 57.38	+10 8.7	1.168	2.091	14.1	21.0
10 18	2 49.35	+ 9 12.2	1.142	2.109	8.9	20.8
10 28	2 39.41	+ 8 14.6	1.140	2.127	4.1	20.6
11 7	2 29.03	+ 7 24.1	1.163	2.146	4.7	20.7
11 17	2 19.72	+ 6 47.5	1.212	2.164	9.4	21.0
11 27	2 12.71	+ 6 29.8	1.284	2.183	14.0	21.3
12 7	2 8.69	+ 6 32.2	1.377	2.202	17.8	21.6

211364 2002 TD_{210} 11 2.9 316°.64 2°.8/31.7 18

9 28	2 54.84	+12 30.8	1.699	2.548	14.7	19.7
10 8	2 51.27	+11 16.6	1.619	2.538	11.1	19.5
10 18	2 45.41	+ 9 51.4	1.563	2.529	7.0	19.2
10 28	2 37.96	+ 8 21.1	1.532	2.519	3.3	19.0
11 7	2 29.91	+ 6 53.5	1.529	2.510	4.1	19.0
11 17	2 22.35	+ 5 36.8	1.553	2.501	8.2	19.2
11 27	2 16.28	+ 4 37.7	1.603	2.492	12.3	19.4
12 7	2 12.43	+ 3 59.9	1.675	2.484	15.8	19.7

175180 2005 EZ_{161} 11 2.9 191°.10 0°.6/ 3.3 18

9 28	3 3.69	+18 0.3	1.762	2.582	15.5	21.2
10 8	2 57.99	+17 50.1	1.681	2.581	12.0	21.0
10 18	2 49.71	+17 28.2	1.623	2.580	7.8	20.8
10 28	2 39.61	+16 56.2	1.591	2.578	3.1	20.5
11 7	2 28.82	+16 17.5	1.586	2.575	1.9	20.4
11 17	2 18.58	+15 37.4	1.611	2.572	6.6	20.7
11 27	2 10.05	+15 1.9	1.663	2.568	10.9	20.9
12 7	2 4.04	+14 36.0	1.739	2.564	14.7	21.2

175056 2004 FX_{130} 11 2.9 233°.18 6°.9/28.3 18

9 28	2 57.59	− 3 9.6	2.082	2.921	12.8	20.4
10 8	2 52.84	− 4 16.0	2.015	2.916	10.2	20.2
10 18	2 46.16	− 5 17.7	1.971	2.911	7.9	20.1
10 28	2 38.20	− 6 8.4	1.954	2.905	6.9	20.0
11 7	2 29.80	− 6 42.2	1.964	2.900	7.8	20.0
11 17	2 21.83	− 6 55.5	2.000	2.894	10.1	20.2
11 27	2 15.15	− 6 46.8	2.061	2.888	12.7	20.3
12 7	2 10.35	− 6 17.3	2.143	2.882	15.1	20.5

37206 2000 WQ_{102} 11 2.9 60°.85 9°.5/27.8 18

9 28	2 59.29	− 5 29.7	1.504	2.355	16.2	17.7
10 8	2 54.46	− 7 0.6	1.467	2.371	13.1	17.6
10 18	2 47.26	− 8 21.2	1.452	2.388	10.5	17.5
10 28	2 38.58	− 9 21.9	1.461	2.405	9.5	17.5
11 7	2 29.61	− 9 55.7	1.495	2.422	10.6	17.6
11 17	2 21.48	− 9 59.4	1.553	2.439	12.9	17.8
11 27	2 15.16	− 9 33.9	1.633	2.457	15.6	18.0
12 7	2 11.25	− 8 43.3	1.731	2.474	18.0	18.2

89400 2001 WB 11 2.9 338°.16 1°.7/ 3.9 18

9 28	2 56.78	+19 43.7	1.260	2.110	18.7	18.7
10 8	2 53.74	+19 46.7	1.183	2.098	14.6	18.4
10 18	2 47.52	+19 33.8	1.126	2.087	9.8	18.1
10 28	2 38.91	+19 5.5	1.090	2.077	4.4	17.8
11 7	2 29.28	+18 25.8	1.079	2.068	2.5	17.6
11 17	2 20.22	+17 41.2	1.093	2.060	7.9	17.9
11 27	2 13.26	+17 0.5	1.130	2.053	13.2	18.2
12 7	2 9.40	+16 30.8	1.188	2.047	17.8	18.5

171710 2000 TD_{51} 11 2.9 71°.95 5°.4/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 5.64	+ 4 15.4	1.262	2.117	18.4	19.5
10 8	2 59.70	+ 3 44.1	1.217	2.135	14.0	19.3
10 18	2 50.78	+ 3 14.2	1.192	2.154	9.4	19.1
10 28	2 39.95	+ 2 52.2	1.192	2.172	5.7	18.9
11 7	2 28.71	+ 2 43.8	1.217	2.190	6.5	19.0
11 17	2 18.55	+ 2 52.9	1.267	2.209	10.4	19.3
11 27	2 10.71	+ 3 20.6	1.342	2.227	14.5	19.6
12 7	2 5.86	+ 4 5.6	1.437	2.245	18.0	19.9

438656 2008 DU_{61} 11 2.9 344°.55 3°.1/31.8 18

9 28	2 56.50	+ 9 21.0	1.720	2.570	14.5	20.5
10 8	2 52.45	+ 8 39.9	1.647	2.565	11.0	20.3
10 18	2 46.13	+ 7 53.5	1.597	2.562	7.1	20.1
10 28	2 38.24	+ 7 6.7	1.573	2.558	3.6	19.9
11 7	2 29.79	+ 6 25.3	1.576	2.556	4.2	19.9
11 17	2 21.85	+ 5 54.6	1.606	2.553	8.0	20.1
11 27	2 15.42	+ 5 38.6	1.661	2.551	11.9	20.4
12 7	2 11.21	+ 5 39.5	1.739	2.549	15.3	20.6

6597 Kreil 11 2.9 340°.40 0°.7/ 2.6 18

9 28	2 52.80	+13 46.1	1.085	1.962	19.1	17.2
10 8	2 51.15	+13 52.9	1.005	1.937	14.8	16.9
10 18	2 46.15	+13 50.2	0.943	1.914	9.6	16.5
10 28	2 38.50	+13 40.6	0.903	1.893	3.7	16.1
11 7	2 29.54	+13 28.6	0.885	1.873	2.9	16.0
11 17	2 20.98	+13 20.0	0.889	1.856	9.2	16.3
11 27	2 14.59	+13 21.3	0.915	1.841	15.1	16.6
12 7	2 11.53	+13 37.2	0.960	1.829	20.1	16.8

350426 2012 VC_{75} 11 2.9 275°.38 0°.9/ 2.4 18

9 28	2 59.71	+14 7.3	1.774	2.610	14.8	21.2
10 8	2 55.03	+13 49.2	1.687	2.597	11.3	20.9
10 18	2 47.89	+13 22.5	1.621	2.584	7.2	20.6
10 28	2 38.98	+12 49.8	1.582	2.570	2.7	20.3
11 7	2 29.30	+12 15.2	1.570	2.557	2.4	20.3
11 17	2 20.03	+11 43.8	1.586	2.544	7.0	20.5
11 27	2 12.28	+11 20.7	1.629	2.530	11.3	20.8
12 7	2 6.88	+11 9.8	1.694	2.517	15.1	21.0

28688 Diannerister 11 2.9 156°.13 0°.1/ 3.1 18

9 28	3 0.71	+15 58.4	2.026	2.848	13.7	19.1
10 8	2 55.37	+15 57.7	1.948	2.850	10.5	18.9
10 18	2 47.88	+15 49.1	1.894	2.852	6.7	18.7
10 28	2 38.90	+15 34.0	1.866	2.854	2.6	18.4
11 7	2 29.39	+15 15.1	1.867	2.855	1.7	18.3
11 17	2 20.34	+14 56.0	1.897	2.857	5.8	18.6
11 27	2 12.72	+14 40.9	1.955	2.858	9.6	18.9
12 7	2 7.21	+14 33.1	2.037	2.859	12.9	19.1

320579 2008 AV_{126} 11 2.9 106°.76 3°.9/31.7 18

9 28	3 2.74	+ 8 13.1	1.478	2.327	16.5	20.8
10 8	2 57.30	+ 7 26.3	1.421	2.338	12.5	20.6
10 18	2 49.22	+ 6 35.2	1.386	2.350	8.1	20.3
10 28	2 39.40	+ 5 45.9	1.377	2.361	4.3	20.1
11 7	2 29.10	+ 5 5.1	1.394	2.372	5.1	20.2
11 17	2 19.62	+ 4 38.3	1.438	2.382	9.1	20.5
11 27	2 12.08	+ 4 29.2	1.507	2.392	13.2	20.8
12 7	2 7.19	+ 4 38.8	1.597	2.402	16.7	21.0

98870 2001 BV_5 11 2.9 1°.66 10°.7/ 8.6 18

9 28	3 0.98	+34 44.6	1.264	2.057	21.9	18.3
10 8	2 57.61	+36 24.3	1.196	2.054	18.8	18.1
10 18	2 50.39	+37 39.9	1.145	2.053	15.4	17.9
10 28	2 40.13	+38 22.9	1.114	2.053	12.3	17.7
11 7	2 28.50	+38 29.0	1.105	2.055	10.7	17.7
11 17	2 17.54	+38 0.1	1.118	2.058	11.6	17.7
11 27	2 9.21	+37 5.6	1.153	2.062	14.3	17.9
12 7	2 4.73	+35 59.0	1.208	2.068	17.5	18.1

414682 2009 WY_{128} 11 2.9 262°.90 1°.6/ 1.7 18

9 28	2 58.88	+ 9 53.5	2.495	3.321	11.3	21.3
10 8	2 53.67	+ 9 47.9	2.403	3.308	8.6	21.1
10 18	2 46.68	+ 9 39.5	2.335	3.295	5.5	20.9
10 28	2 38.45	+ 9 30.5	2.295	3.282	2.4	20.6
11 7	2 29.69	+ 9 23.3	2.285	3.269	2.5	20.6
11 17	2 21.20	+ 9 20.5	2.305	3.255	5.7	20.8
11 27	2 13.78	+ 9 24.6	2.354	3.241	8.9	21.0
12 7	2 8.03	+ 9 37.4	2.428	3.228	11.8	21.2

300605 2007 TF_{438} 11 2.9 310°.76 0°.6/ 3.4 18

9 28	2 58.84	+18 25.0	1.733	2.562	15.3	21.1
10 8	2 54.38	+18 12.3	1.653	2.558	11.8	20.8
10 18	2 47.46	+17 47.3	1.595	2.553	7.7	20.6
10 28	2 38.80	+17 12.0	1.562	2.549	3.1	20.3
11 7	2 29.47	+16 30.0	1.556	2.545	1.8	20.2
11 17	2 20.65	+15 46.7	1.578	2.541	6.5	20.5
11 27	2 13.44	+15 8.3	1.627	2.537	10.8	20.8
12 7	2 8.62	+14 39.9	1.699	2.533	14.5	21.0

399327 1999 TV_{56} 11 2.9 8°.95 0°.6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	2 58.13	+17 6.7	1.768	2.600	14.9	20.5
10 8	2 53.73	+17 12.4	1.695	2.602	11.5	20.3
10 18	2 46.98	+17 8.7	1.644	2.603	7.4	20.1
10 28	2 38.60	+16 56.8	1.618	2.606	3.0	19.8
11 7	2 29.62	+16 39.5	1.620	2.609	1.8	19.8
11 17	2 21.17	+16 20.8	1.650	2.613	6.2	20.1
11 27	2 14.29	+16 5.3	1.706	2.617	10.3	20.3
12 7	2 9.70	+15 57.2	1.786	2.622	13.8	20.5

224700 2006 BO_{54} 11 2.9 282°.00 1°.7/ 1.5 17

9 28	2 56.15	+11 51.1	2.261	3.094	12.1	21.1
10 8	2 51.82	+11 17.5	2.167	3.076	9.2	20.8
10 18	2 45.61	+10 37.7	2.096	3.059	5.8	20.6
10 28	2 38.07	+ 9 54.6	2.053	3.041	2.5	20.3
11 7	2 29.97	+ 9 12.5	2.039	3.023	2.8	20.3
11 17	2 22.15	+ 8 35.7	2.054	3.004	6.3	20.5
11 27	2 15.46	+ 8 8.3	2.096	2.986	9.8	20.7
12 7	2 10.55	+ 7 53.1	2.163	2.968	12.9	20.9

325454 2009 QW_{24} 11 2.9 8°.09 3°.6/31.1 18

9 28	2 54.83	+ 8 18.1	1.879	2.728	13.5	20.2
10 8	2 50.95	+ 7 17.9	1.811	2.729	10.2	20.0
10 18	2 45.06	+ 6 13.1	1.766	2.730	6.6	19.8
10 28	2 37.83	+ 5 9.3	1.748	2.731	3.8	19.6
11 7	2 30.16	+ 4 12.7	1.758	2.733	4.6	19.7
11 17	2 22.99	+ 3 28.6	1.795	2.735	8.0	19.9
11 27	2 17.19	+ 3 1.2	1.858	2.738	11.4	20.1
12 7	2 13.36	+ 2 51.9	1.944	2.740	14.4	20.3

53755 2000 EA_{70} 11 2.9 272°.20 0°.0/ 2.9 18

9 28	2 59.81	+17 42.9	1.594	2.428	16.2	19.8
10 8	2 55.42	+17 17.8	1.507	2.416	12.5	19.6
10 18	2 48.29	+16 39.0	1.442	2.403	8.1	19.3
10 28	2 39.18	+15 48.7	1.402	2.390	3.1	18.9
11 7	2 29.22	+14 51.9	1.388	2.377	2.1	18.8
11 17	2 19.73	+13 55.2	1.402	2.364	7.2	19.1
11 27	2 11.98	+13 6.1	1.442	2.351	12.0	19.4
12 7	2 6.83	+12 30.6	1.505	2.338	16.1	19.6

515607 2014 JC_{85} 11 2.9 237°.25 3°.5/31.8 18

9 28	3 1.29	+ 5 54.6	1.883	2.722	13.9	21.5
10 8	2 55.89	+ 5 36.8	1.809	2.720	10.6	21.3
10 18	2 48.25	+ 5 18.3	1.757	2.717	7.0	21.1
10 28	2 39.07	+ 5 3.0	1.732	2.715	3.9	20.9
11 7	2 29.33	+ 4 55.0	1.736	2.712	4.5	21.0
11 17	2 20.08	+ 4 57.6	1.768	2.710	7.9	21.2
11 27	2 12.31	+ 5 13.0	1.826	2.707	11.5	21.4
12 7	2 6.73	+ 5 41.8	1.907	2.704	14.6	21.6

450135 1995 SW_{20} 11 2.9 213°.08 5°.6/ 8.3 18

9 28	3 0.02	+34 39.0	2.348	3.091	14.3	20.6
10 8	2 54.96	+34 48.1	2.255	3.087	12.0	20.4
10 18	2 47.68	+34 38.3	2.183	3.083	9.4	20.3
10 28	2 38.87	+34 7.6	2.135	3.079	7.0	20.1
11 7	2 29.46	+33 16.9	2.115	3.074	5.6	20.0
11 17	2 20.51	+32 9.6	2.123	3.069	6.4	20.1
11 27	2 13.00	+30 52.1	2.159	3.064	8.8	20.2
12 7	2 7.62	+29 32.2	2.222	3.059	11.4	20.4

96785 1999 RL_{102} 11 2.9 5°.57 9°.3/ 9.1 18

9 28	2 59.12	+35 33.8	1.359	2.145	21.0	17.9
10 8	2 55.79	+36 32.4	1.290	2.145	17.9	17.6
10 18	2 48.96	+37 4.2	1.237	2.145	14.5	17.4
10 28	2 39.52	+37 3.2	1.205	2.147	11.2	17.3
11 7	2 29.02	+36 28.0	1.195	2.150	9.4	17.2
11 17	2 19.29	+35 23.2	1.208	2.154	10.2	17.2
11 27	2 11.98	+33 59.4	1.245	2.160	13.0	17.4
12 7	2 8.09	+32 29.8	1.303	2.166	16.3	17.6

102126 1999 RW_{177} 11 2.9 111°.58 2°.8/ 4.7 17

9 28	3 6.53	+22 34.9	1.607	2.416	17.2	20.2
10 8	3 0.27	+22 49.1	1.543	2.432	13.5	20.0
10 18	2 51.19	+22 48.0	1.500	2.448	9.2	19.7
10 28	2 40.20	+22 31.1	1.482	2.463	4.8	19.5
11 7	2 28.64	+22 1.0	1.492	2.478	3.0	19.4
11 17	2 17.90	+21 22.7	1.530	2.492	6.7	19.7
11 27	2 9.21	+20 43.4	1.595	2.506	10.9	20.0
12 7	2 3.35	+20 9.6	1.683	2.519	14.5	20.3

254918 2005 SL_{108} 11 2.9 300°.75 0°.6/ 3.4 18

9 28	2 57.90	+18 18.3	2.050	2.871	13.6	21.0
10 8	2 53.28	+18 5.1	1.969	2.869	10.4	20.8
10 18	2 46.58	+17 41.5	1.910	2.868	6.8	20.6
10 28	2 38.45	+17 9.1	1.879	2.866	2.8	20.3
11 7	2 29.78	+16 31.4	1.875	2.864	1.6	20.3
11 17	2 21.56	+15 52.5	1.901	2.863	5.7	20.5
11 27	2 14.70	+15 17.6	1.954	2.861	9.4	20.8
12 7	2 9.86	+14 51.0	2.032	2.860	12.7	21.0

227825 2007 CE_{23} 11 2.9 179°.36 1°.7/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 1.36	+12 33.2	1.921	2.751	14.0	21.2
10 8	2 55.91	+11 58.1	1.845	2.753	10.6	21.0
10 18	2 48.24	+11 15.6	1.792	2.754	6.7	20.8
10 28	2 39.07	+10 29.3	1.766	2.754	2.7	20.5
11 7	2 29.38	+ 9 44.1	1.770	2.754	2.9	20.5
11 17	2 20.21	+ 9 4.9	1.802	2.753	6.9	20.8
11 27	2 12.54	+ 8 36.5	1.861	2.752	10.7	21.0
12 7	2 7.05	+ 8 21.8	1.944	2.750	14.1	21.2

401821 1997 SM_{7} 11 2.9 352°.23 3°.5/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.87	+25 11.3	2.075	2.872	14.3	20.6
10 8	2 54.18	+25 36.6	1.992	2.870	11.4	20.4
10 18	2 47.26	+25 48.7	1.930	2.868	8.2	20.2
10 28	2 38.74	+25 46.5	1.894	2.867	4.9	20.0
11 7	2 29.58	+25 31.1	1.885	2.865	3.6	19.9
11 17	2 20.83	+25 5.4	1.905	2.864	5.8	20.0
11 27	2 13.50	+24 34.4	1.952	2.864	9.1	20.2
12 7	2 8.32	+24 3.9	2.023	2.863	12.3	20.5

302752 2002 VW_{14} 11 2.9 301°.93 3°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 0.91	+23 28.8	1.795	2.604	15.7	20.6
10 8	2 56.19	+23 57.6	1.703	2.591	12.6	20.4
10 18	2 48.81	+24 13.4	1.632	2.577	8.9	20.1
10 28	2 39.42	+24 14.5	1.586	2.564	5.1	19.9
11 7	2 29.10	+24 1.6	1.567	2.551	3.5	19.7
11 17	2 19.12	+23 37.8	1.576	2.538	6.6	19.9
11 27	2 10.76	+23 8.8	1.611	2.525	10.6	20.1
12 7	2 4.92	+22 41.2	1.670	2.512	14.3	20.3

120274 2004 HE_{6} 11 2.9 180°.35 1°.3/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.60	+13 44.2	1.876	2.705	14.3	20.8
10 8	2 56.16	+13 12.3	1.799	2.706	10.9	20.6
10 18	2 48.44	+12 32.0	1.746	2.707	6.9	20.4
10 28	2 39.16	+11 46.6	1.719	2.707	2.7	20.1
11 7	2 29.33	+11 0.8	1.721	2.707	2.6	20.1
11 17	2 20.04	+10 19.8	1.752	2.706	6.8	20.4
11 27	2 12.29	+ 9 48.7	1.810	2.705	10.8	20.6
12 7	2 6.78	+ 9 30.8	1.892	2.703	14.2	20.8

43317 2000 JY_{21} 11 2.9 257°.64 1°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.03	+20 4.4	1.676	2.500	16.0	19.4
10 8	2 56.27	+19 55.7	1.589	2.489	12.5	19.1
10 18	2 48.82	+19 33.0	1.523	2.478	8.3	18.9
10 28	2 39.40	+18 57.2	1.482	2.467	3.7	18.6
11 7	2 29.14	+18 11.6	1.468	2.456	2.1	18.4
11 17	2 19.34	+17 21.8	1.482	2.445	6.7	18.7
11 27	2 11.25	+16 35.1	1.522	2.433	11.3	18.9
12 7	2 5.74	+15 57.6	1.586	2.422	15.3	19.2

308818 2006 QM_{163} 11 3.0 25°.46 0°.8/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 57.43	+19 23.3	1.602	2.437	16.1	20.5
10 8	2 53.38	+19 2.6	1.535	2.442	12.4	20.3
10 18	2 46.83	+18 27.9	1.488	2.448	8.1	20.1
10 28	2 38.59	+17 41.6	1.467	2.454	3.4	19.8
11 7	2 29.79	+16 48.3	1.472	2.461	1.9	19.7
11 17	2 21.64	+15 54.5	1.504	2.468	6.5	20.0
11 27	2 15.23	+15 6.9	1.563	2.476	10.9	20.3
12 7	2 11.26	+14 31.1	1.644	2.484	14.6	20.6

451645 2012 JE_{25} 11 3.0 238°.96 0°.2/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.81	+17 27.3	2.831	3.642	10.5	22.0
10 8	2 51.20	+16 45.2	2.730	3.627	8.0	21.8
10 18	2 45.06	+15 54.1	2.654	3.611	5.1	21.6
10 28	2 37.86	+14 56.1	2.607	3.596	1.9	21.4
11 7	2 30.25	+13 54.6	2.591	3.579	1.4	21.3
11 17	2 22.90	+12 53.8	2.606	3.563	4.7	21.5
11 27	2 16.49	+11 58.2	2.650	3.545	7.8	21.7
12 7	2 11.54	+11 11.3	2.721	3.528	10.5	21.9

442953 2013 CA_{114} 11 3.0 325°.02 5°.2/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.26	+27 54.8	1.626	2.429	17.4	20.9
10 8	2 55.26	+28 25.7	1.539	2.417	14.2	20.7
10 18	2 48.37	+28 38.4	1.471	2.406	10.5	20.4
10 28	2 39.30	+28 30.3	1.427	2.395	6.9	20.2
11 7	2 29.25	+28 1.6	1.408	2.385	5.2	20.1
11 17	2 19.65	+27 16.3	1.416	2.376	7.4	20.2
11 27	2 11.88	+26 22.0	1.449	2.367	11.2	20.4
12 7	2 6.90	+25 27.6	1.505	2.358	15.0	20.6

362296 2009 SB_{263} 11 3.0 96°.05 1°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.14	+12 42.0	2.317	3.144	12.1	20.8
10 8	2 53.02	+12 16.6	2.254	3.160	9.1	20.7
10 18	2 46.18	+11 45.7	2.215	3.176	5.7	20.5
10 28	2 38.26	+11 12.1	2.203	3.192	2.2	20.3
11 7	2 30.03	+10 39.5	2.222	3.207	2.2	20.3
11 17	2 22.30	+10 11.3	2.270	3.223	5.6	20.6
11 27	2 15.80	+ 9 51.0	2.346	3.238	8.8	20.8
12 7	2 11.05	+ 9 40.7	2.447	3.253	11.5	21.0

210833 2001 PQ_{5} 11 3.0 121°.30 2°.4/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 28	3 0.07	+25 3.1	2.248	3.038	13.5	20.6
10 8	2 54.69	+24 48.1	2.175	3.052	10.7	20.4
10 18	2 47.34	+24 18.8	2.125	3.066	7.4	20.2
10 28	2 38.72	+23 36.0	2.102	3.079	4.0	20.0
11 7	2 29.73	+22 42.5	2.107	3.092	2.5	19.9
11 17	2 21.29	+21 43.1	2.143	3.104	5.1	20.1
11 27	2 14.25	+20 43.6	2.207	3.116	8.4	20.4
12 7	2 9.20	+19 49.5	2.297	3.128	11.3	20.6

399712 2004 VS_{4} 11 3.0 330°.13 5°.6/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 55.36	+32 57.6	1.855	2.633	16.4	19.8
10 8	2 51.98	+32 52.8	1.761	2.619	13.7	19.6
10 18	2 46.08	+32 24.9	1.687	2.606	10.5	19.4
10 28	2 38.38	+31 32.1	1.635	2.593	7.4	19.2
11 7	2 29.94	+30 16.1	1.610	2.581	5.6	19.0
11 17	2 21.97	+28 42.5	1.611	2.569	6.9	19.1
11 27	2 15.64	+27 0.2	1.640	2.558	10.1	19.3
12 7	2 11.72	+25 19.4	1.693	2.548	13.5	19.5

213999 2004 BC_{104} 11 3.0 263°.25 5°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.37	+ 1 19.3	2.088	2.928	12.7	20.7
10 8	2 53.60	+ 0 22.7	2.003	2.910	9.9	20.5
10 18	2 46.82	− 0 33.4	1.941	2.893	7.2	20.3
10 28	2 38.61	− 1 23.2	1.907	2.874	5.5	20.1
11 7	2 29.80	− 2 1.0	1.900	2.856	6.5	20.2
11 17	2 21.32	− 2 22.3	1.921	2.837	9.2	20.3
11 27	2 14.08	− 2 24.3	1.968	2.817	12.2	20.5
12 7	2 8.75	− 2 6.8	2.036	2.798	15.0	20.6

137667 1999 XW_{25} 11 3.0 8°.49 3°.7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 59.41	+ 8 26.9	1.080	1.953	19.5	19.4
10 8	2 55.79	+ 8 11.3	1.024	1.954	14.9	19.1
10 18	2 48.80	+ 7 51.9	0.987	1.956	9.6	18.9
10 28	2 39.45	+ 7 34.3	0.972	1.959	4.6	18.6
11 7	2 29.29	+ 7 24.8	0.980	1.963	5.1	18.6
11 17	2 20.01	+ 7 28.5	1.011	1.968	10.1	18.9
11 27	2 13.11	+ 7 48.8	1.065	1.975	15.2	19.3
12 7	2 9.46	+ 8 26.5	1.138	1.982	19.5	19.6

369188 2008 SQ_{283} 11 3.0 16°.16 5°.1/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 56.23	+33 50.2	2.146	2.907	15.0	20.1
10 8	2 52.15	+33 39.0	2.064	2.910	12.4	19.9
10 18	2 45.92	+33 6.9	2.002	2.913	9.6	19.8
10 28	2 38.24	+32 13.0	1.964	2.916	6.8	19.6
11 7	2 30.08	+30 59.6	1.953	2.920	5.2	19.5
11 17	2 22.48	+29 31.8	1.970	2.924	6.2	19.6
11 27	2 16.36	+27 57.4	2.016	2.929	8.8	19.8
12 7	2 12.36	+26 24.6	2.087	2.934	11.7	19.9

325439 2009 PM_{20} 11 3.0 54°.22 5°.7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.88	+ 1 46.4	2.028	2.876	12.7	20.6
10 8	2 50.79	+ 0 20.8	1.971	2.883	9.8	20.4
10 18	2 44.88	− 1 4.0	1.939	2.891	7.1	20.3
10 28	2 37.80	− 2 21.0	1.933	2.898	5.7	20.2
11 7	2 30.39	− 3 23.7	1.955	2.906	6.8	20.3
11 17	2 23.47	− 4 7.4	2.005	2.913	9.3	20.4
11 27	2 17.84	− 4 29.6	2.079	2.921	12.0	20.6
12 7	2 14.01	− 4 30.5	2.175	2.929	14.4	20.8

324827 2007 HL_{96} 11 3.0 111°.98 0°.8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 58.02	+13 31.9	2.292	3.118	12.2	20.3
10 8	2 53.10	+13 20.2	2.215	3.120	9.2	20.1
10 18	2 46.36	+13 2.8	2.162	3.123	5.8	19.9
10 28	2 38.39	+12 41.7	2.136	3.125	2.2	19.7
11 7	2 29.98	+12 19.8	2.140	3.127	1.9	19.7
11 17	2 21.98	+12 0.6	2.173	3.130	5.5	19.9
11 27	2 15.19	+11 47.3	2.235	3.132	8.9	20.1
12 7	2 10.19	+11 42.5	2.321	3.134	11.8	20.3

82042 2000 SR_{203} 11 3.0 43°.82 0°.6/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	2 54.79	+14 33.9	2.602	3.426	11.0	20.3
10 8	2 50.47	+14 9.6	2.523	3.427	8.3	20.2
10 18	2 44.60	+13 39.0	2.468	3.429	5.2	20.0
10 28	2 37.70	+13 4.3	2.441	3.430	2.0	19.7
11 7	2 30.45	+12 28.7	2.444	3.431	1.7	19.7
11 17	2 23.54	+11 55.5	2.477	3.433	5.0	20.0
11 27	2 17.65	+11 28.3	2.538	3.434	8.0	20.2
12 7	2 13.28	+11 9.7	2.624	3.436	10.7	20.3

513327 2007 EA_{211} 11 3.0 240°.39 0°.5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 28	3 1.33	+18 16.0	1.787	2.611	15.2	22.1
10 8	2 56.32	+17 59.8	1.699	2.601	11.8	21.8
10 18	2 48.79	+17 31.3	1.632	2.590	7.7	21.6
10 28	2 39.42	+16 52.1	1.592	2.579	3.1	21.3
11 7	2 29.29	+16 6.0	1.579	2.568	1.8	21.2
11 17	2 19.59	+15 18.5	1.595	2.556	6.6	21.4
11 27	2 11.50	+14 35.9	1.637	2.544	10.9	21.7
12 7	2 5.81	+14 3.6	1.704	2.532	14.8	21.9