281493 2008 ST_{277} 11 28.9 113°.59 0°.7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.94	+21 7.0	1.787	2.637	13.6	22.0
11 7	4 41.97	+20 41.8	1.731	2.652	9.8	21.7
11 17	4 32.81	+20 11.6	1.699	2.667	5.5	21.5
11 27	4 22.47	+19 38.2	1.695	2.681	1.1	21.2
12 7	4 12.16	+19 4.6	1.721	2.695	3.9	21.5
12 17	4 3.05	+18 34.3	1.775	2.709	8.1	21.8
12 27	3 56.06	+18 10.8	1.855	2.722	11.9	22.0
1 6	3 51.72	+17 56.4	1.958	2.734	15.0	22.3

90886 1996 YT_{2} 11 28.9 26°.85 2°.0/28.4 18

10 28	4 45.23	+18 52.1	1.189	2.067	17.1	18.1
11 7	4 40.05	+18 22.9	1.144	2.078	12.3	17.8
11 17	4 32.00	+17 50.8	1.119	2.090	6.9	17.6
11 27	4 22.35	+17 18.9	1.119	2.104	2.1	17.3
12 7	4 12.73	+16 51.5	1.144	2.118	5.3	17.6
12 17	4 4.66	+16 32.5	1.194	2.134	10.5	17.9
12 27	3 59.32	+16 25.2	1.267	2.150	15.0	18.2
1 6	3 57.24	+16 30.4	1.358	2.168	18.7	18.5

268199 2005 AL_{40} 11 28.9 259°.37 5°.1/27.3 18

10 28	4 43.88	+ 4 44.1	2.378	3.212	11.2	20.3
11 7	4 38.04	+ 4 31.0	2.304	3.206	8.7	20.1
11 17	4 30.56	+ 4 26.3	2.256	3.200	6.3	20.0
11 27	4 22.12	+ 4 32.7	2.236	3.194	5.1	19.9
12 7	4 13.51	+ 4 51.5	2.245	3.187	6.2	20.0
12 17	4 5.56	+ 5 23.1	2.283	3.181	8.6	20.1
12 27	3 59.00	+ 6 6.7	2.348	3.175	11.2	20.3
1 6	3 54.35	+ 7 0.5	2.435	3.168	13.5	20.4

427030 2014 SL_{309} 11 28.9 70°.29 3°.6/26.9 18

10 28	4 42.49	+13 19.0	2.246	3.097	11.2	21.1
11 7	4 36.97	+12 10.4	2.189	3.108	8.2	20.9
11 17	4 29.89	+11 2.7	2.158	3.119	5.2	20.8
11 27	4 21.99	+10 0.0	2.156	3.130	3.6	20.7
12 7	4 14.11	+ 9 6.4	2.184	3.141	5.2	20.8
12 17	4 7.05	+ 8 24.8	2.241	3.152	8.0	21.0
12 27	4 1.50	+ 7 57.1	2.324	3.163	10.9	21.2
1 6	3 57.90	+ 7 43.5	2.430	3.174	13.3	21.4

117798 2005 GK_{150} 11 28.9 55°.53 5°.8/26.5 18

10 28	4 44.58	+ 9 50.1	1.633	2.492	14.2	19.3
11 7	4 38.85	+ 8 30.0	1.587	2.507	10.6	19.1
11 17	4 31.06	+ 7 15.2	1.565	2.521	7.3	18.9
11 27	4 22.19	+ 6 11.9	1.570	2.536	5.8	18.9
12 7	4 13.39	+ 5 25.4	1.602	2.551	7.6	19.0
12 17	4 5.74	+ 4 58.5	1.661	2.566	10.7	19.2
12 27	4 0.10	+ 4 51.8	1.743	2.581	13.9	19.5
1 6	3 56.97	+ 5 3.5	1.845	2.597	16.7	19.7

327538 2006 BE_{169} 11 28.9 215°.51 1°.4/29.7 18

10 28	4 44.72	+26 56.3	2.636	3.467	10.3	21.9
11 7	4 38.66	+26 55.5	2.552	3.462	7.6	21.7
11 17	4 30.92	+26 47.8	2.495	3.456	4.5	21.5
11 27	4 22.18	+26 33.0	2.467	3.449	1.7	21.3
12 7	4 13.28	+26 12.2	2.469	3.443	2.9	21.3
12 17	4 5.05	+25 47.4	2.502	3.436	6.0	21.5
12 27	3 58.26	+25 21.8	2.563	3.429	9.0	21.7
1 6	3 53.44	+24 58.3	2.648	3.422	11.6	21.9

267154 2000 GM_{69} 11 28.9 165°.62 0°.3/29.2 18

10 28	4 42.83	+23 15.6	3.338	4.169	8.4	22.3
11 7	4 36.92	+23 8.3	3.263	4.175	6.0	22.1
11 17	4 29.79	+22 57.1	3.215	4.180	3.4	22.0
11 27	4 21.98	+22 42.5	3.198	4.184	0.7	21.8
12 7	4 14.11	+22 25.7	3.213	4.188	2.2	21.9
12 17	4 6.78	+22 8.0	3.260	4.192	4.9	22.1
12 27	4 0.55	+21 51.6	3.335	4.195	7.3	22.3
1 6	3 55.83	+21 38.0	3.436	4.197	9.4	22.4

421780 2014 QC_{22} 11 28.9 85°.48 6°.1/26.1 18

10 28	4 42.98	+ 4 55.5	2.141	2.982	12.0	21.1
11 7	4 37.36	+ 3 50.2	2.091	2.995	9.3	20.9
11 17	4 30.13	+ 2 53.0	2.067	3.007	7.0	20.8
11 27	4 22.04	+ 2 8.5	2.070	3.020	6.1	20.8
12 7	4 13.98	+ 1 40.2	2.102	3.032	7.3	20.9
12 17	4 6.75	+ 1 29.7	2.160	3.044	9.7	21.0
12 27	4 1.08	+ 1 36.6	2.244	3.057	12.1	21.2
1 6	3 57.39	+ 1 59.2	2.348	3.069	14.3	21.4

29604 1998 QX_{5} 11 28.9 130°.85 4°.2/30.7 18

10 28	4 51.87	+34 17.0	2.318	3.125	12.4	19.1
11 7	4 43.99	+34 47.6	2.255	3.142	9.5	19.0
11 17	4 33.97	+35 5.7	2.216	3.157	6.6	18.8
11 27	4 22.71	+35 8.9	2.206	3.172	4.4	18.7
12 7	4 11.36	+34 57.3	2.226	3.186	4.8	18.8
12 17	4 1.07	+34 33.3	2.276	3.200	7.2	18.9
12 27	3 52.77	+34 1.7	2.354	3.213	10.0	19.1
1 6	3 47.04	+33 27.7	2.456	3.225	12.5	19.3

407073 2009 SV_{197} 11 28.9 81°.24 4°.2/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.87	+34 13.7	2.153	2.971	12.8	21.1
11 7	4 41.25	+34 34.0	2.090	2.983	9.9	20.9
11 17	4 32.47	+34 41.3	2.051	2.995	6.8	20.8
11 27	4 22.45	+34 33.7	2.039	3.007	4.4	20.6
12 7	4 12.36	+34 11.8	2.056	3.019	4.8	20.7
12 17	4 3.33	+33 38.5	2.102	3.031	7.4	20.9
12 27	3 56.29	+32 58.8	2.175	3.042	10.3	21.1
1 6	3 51.82	+32 18.1	2.271	3.054	13.0	21.3

133535 2003 TJ_{9} 11 28.9 127°.33 3°.7/30.9 17

10 28	4 46.29	+34 37.1	2.416	3.229	11.7	20.1
11 7	4 39.94	+34 41.0	2.343	3.234	9.0	19.9
11 17	4 31.68	+34 32.3	2.295	3.238	6.2	19.7
11 27	4 22.32	+34 9.8	2.274	3.243	4.0	19.6
12 7	4 12.88	+33 34.6	2.283	3.247	4.3	19.6
12 17	4 4.35	+32 49.7	2.322	3.251	6.8	19.8
12 27	3 57.58	+31 59.8	2.388	3.255	9.5	20.0
1 6	3 53.11	+31 9.9	2.478	3.259	12.1	20.2

318989 2005 UX_{378} 11 28.9 314°.49 1°.2/28.5 18

10 28	4 44.65	+19 10.3	1.979	2.832	12.4	21.4
11 7	4 38.91	+18 50.9	1.908	2.830	8.9	21.2
11 17	4 31.17	+18 28.6	1.861	2.829	5.0	20.9
11 27	4 22.25	+18 5.2	1.842	2.827	1.4	20.7
12 7	4 13.17	+17 43.1	1.853	2.826	3.8	20.8
12 17	4 4.97	+17 24.8	1.892	2.824	7.8	21.1
12 27	3 58.56	+17 13.0	1.957	2.823	11.4	21.3
1 6	3 54.49	+17 9.5	2.044	2.822	14.4	21.5

221801 2008 CX_{65} 11 28.9 204°.86 1°.8/28.4 18

10 28	4 49.52	+18 13.6	1.822	2.671	13.4	22.1
11 7	4 42.59	+17 46.0	1.746	2.666	9.8	21.9
11 17	4 33.32	+17 15.4	1.694	2.661	5.6	21.6
11 27	4 22.63	+16 44.0	1.670	2.655	1.9	21.4
12 7	4 11.71	+16 14.6	1.676	2.648	4.4	21.5
12 17	4 1.79	+15 50.7	1.711	2.640	8.7	21.8
12 27	3 53.91	+15 35.4	1.772	2.632	12.7	22.0
1 6	3 48.72	+15 30.4	1.855	2.623	16.0	22.2

513523 2009 WW_{18} 11 29.0 199°.82 0°.9/28.7 18

10 28	4 49.69	+19 1.3	1.742	2.592	13.9	22.2
11 7	4 42.83	+19 2.6	1.669	2.590	10.1	21.9
11 17	4 33.51	+19 2.0	1.620	2.587	5.7	21.7
11 27	4 22.67	+18 59.8	1.599	2.584	1.3	21.4
12 7	4 11.56	+18 57.6	1.607	2.581	4.1	21.6
12 17	4 1.49	+18 57.2	1.643	2.577	8.6	21.8
12 27	3 53.55	+19 1.3	1.706	2.573	12.7	22.1
1 6	3 48.44	+19 11.9	1.790	2.568	16.1	22.3

296770 2009 UA_{84} 11 29.0 101°.31 0°.4/29.2 18

10 28	4 46.03	+22 2.8	2.280	3.123	11.3	20.2
11 7	4 39.73	+22 21.0	2.212	3.129	8.2	20.0
11 17	4 31.58	+22 35.9	2.168	3.134	4.6	19.8
11 27	4 22.33	+22 47.0	2.154	3.140	0.9	19.5
12 7	4 12.94	+22 54.8	2.171	3.146	3.0	19.7
12 17	4 4.35	+23 0.5	2.217	3.152	6.6	19.9
12 27	3 57.39	+23 6.1	2.290	3.157	9.9	20.1
1 6	3 52.61	+23 13.8	2.388	3.163	12.6	20.3

278780 2008 SN_{171} 11 29.0 322°.01 5°.6/26.1 17

10 28	4 41.32	+ 8 20.5	2.018	2.871	12.2	20.1
11 7	4 36.46	+ 7 9.4	1.946	2.860	9.3	19.9
11 17	4 29.79	+ 6 2.4	1.899	2.850	6.7	19.8
11 27	4 22.05	+ 5 4.8	1.879	2.840	5.6	19.7
12 7	4 14.14	+ 4 21.0	1.887	2.830	7.1	19.8
12 17	4 6.98	+ 3 54.3	1.922	2.821	9.9	19.9
12 27	4 1.39	+ 3 45.9	1.982	2.812	12.9	20.1
1 6	3 57.93	+ 3 54.8	2.063	2.803	15.5	20.3

474256 2001 SK_{255} 11 29.0 71°.34 6°.1/30.7 18

10 28	4 56.02	+34 8.1	1.453	2.282	17.3	21.0
11 7	4 47.91	+35 12.6	1.408	2.306	13.4	20.8
11 17	4 36.49	+35 59.9	1.385	2.329	9.3	20.7
11 27	4 23.18	+36 24.3	1.387	2.353	6.4	20.6
12 7	4 9.84	+36 24.9	1.416	2.376	6.9	20.7
12 17	3 58.29	+36 5.7	1.472	2.400	10.1	20.9
12 27	3 49.90	+35 34.5	1.553	2.423	13.6	21.2
1 6	3 45.28	+34 59.8	1.654	2.445	16.7	21.4

112818 2002 QT_{5} 11 29.0 100°.66 7°.1/ 3.4 18

10 28	4 54.07	+44 32.9	1.953	2.729	15.4	18.9
11 7	4 45.93	+44 19.5	1.887	2.742	12.7	18.7
11 17	4 35.10	+43 41.6	1.842	2.753	9.8	18.6
11 27	4 22.91	+42 36.7	1.824	2.765	7.6	18.5
12 7	4 10.95	+41 6.8	1.833	2.777	7.2	18.5
12 17	4 0.65	+39 18.9	1.871	2.788	9.0	18.6
12 27	3 53.08	+37 22.8	1.937	2.799	11.6	18.8
1 6	3 48.72	+35 28.2	2.026	2.810	14.3	19.0

350896 2002 QA_{154} 11 29.0 164°.49 2°.0/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.31	+17 27.0	2.055	2.904	12.1	21.6
11 7	4 39.96	+16 48.7	1.987	2.907	8.8	21.4
11 17	4 31.70	+16 8.3	1.944	2.911	5.0	21.2
11 27	4 22.36	+15 28.3	1.931	2.914	2.1	21.0
12 7	4 12.95	+14 52.1	1.947	2.916	4.2	21.1
12 17	4 4.45	+14 22.6	1.992	2.918	7.9	21.4
12 27	3 57.71	+14 2.5	2.064	2.920	11.3	21.6
1 6	3 53.25	+13 53.0	2.159	2.921	14.2	21.8

209692 2005 EU_{28} 11 29.0 296°.37 6°.7/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.29	+36 21.5	1.713	2.533	15.5	20.1
11 7	4 44.73	+37 24.7	1.631	2.520	12.4	19.9
11 17	4 34.96	+38 13.5	1.572	2.508	9.2	19.7
11 27	4 22.98	+38 41.9	1.538	2.496	6.9	19.5
12 7	4 10.35	+38 47.0	1.530	2.483	7.3	19.5
12 17	3 58.79	+38 30.3	1.550	2.471	10.1	19.7
12 27	3 49.87	+37 58.3	1.594	2.460	13.5	19.8
1 6	3 44.49	+37 19.1	1.659	2.448	16.7	20.0

297519 2001 BP_{72} 11 29.0 300°.56 5°.8/26.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.57	+ 9 47.5	1.586	2.446	14.5	20.5
11 7	4 39.38	+ 8 50.3	1.503	2.424	11.0	20.2
11 17	4 31.71	+ 7 56.7	1.444	2.402	7.6	19.9
11 27	4 22.41	+ 7 12.4	1.411	2.380	5.8	19.8
12 7	4 12.69	+ 6 42.7	1.404	2.358	7.8	19.9
12 17	4 3.82	+ 6 31.3	1.424	2.336	11.6	20.0
12 27	3 56.99	+ 6 39.8	1.466	2.315	15.5	20.2
1 6	3 52.95	+ 7 6.9	1.528	2.294	19.0	20.4

211740 2003 YN_{144} 11 29.0 330°.38 2°.2/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.12	+27 26.1	1.705	2.552	14.3	20.7
11 7	4 41.16	+27 32.7	1.632	2.549	10.6	20.5
11 17	4 32.64	+27 29.5	1.583	2.546	6.4	20.2
11 27	4 22.55	+27 15.4	1.560	2.543	2.6	20.0
12 7	4 12.21	+26 51.8	1.565	2.540	4.1	20.1
12 17	4 2.97	+26 22.0	1.598	2.537	8.4	20.3
12 27	3 55.97	+25 51.2	1.656	2.535	12.4	20.6
1 6	3 51.89	+25 24.1	1.736	2.532	15.8	20.8

9502 Gaimar 11 29.0 157°.59 2°.3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.16	+16 48.5	1.905	2.752	13.0	19.4
11 7	4 42.09	+16 14.2	1.841	2.760	9.4	19.2
11 17	4 32.92	+15 38.4	1.802	2.767	5.5	18.9
11 27	4 22.58	+15 3.8	1.791	2.774	2.3	18.7
12 7	4 12.18	+14 33.4	1.810	2.779	4.6	18.9
12 17	4 2.82	+14 10.3	1.859	2.784	8.4	19.2
12 27	3 55.43	+13 56.9	1.934	2.788	12.0	19.4
1 6	3 50.55	+13 54.4	2.031	2.792	15.0	19.6

279266 2009 VY_{96} 11 29.0 183°.04 0°.6/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.56	+22 49.9	1.851	2.694	13.5	21.2
11 7	4 43.41	+23 3.4	1.778	2.695	9.8	20.9
11 17	4 33.82	+23 12.0	1.729	2.695	5.6	20.7
11 27	4 22.75	+23 14.9	1.709	2.695	1.2	20.4
12 7	4 11.43	+23 12.8	1.718	2.694	3.7	20.6
12 17	4 1.13	+23 7.6	1.757	2.692	8.0	20.8
12 27	3 52.95	+23 2.9	1.822	2.690	11.9	21.1
1 6	3 47.55	+23 1.6	1.909	2.688	15.2	21.3

439035 2011 FK_{17} 11 29.0 212°.88 0°.0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.58	+21 56.1	1.790	2.637	13.7	21.7
11 7	4 42.78	+21 54.4	1.712	2.632	10.0	21.4
11 17	4 33.51	+21 47.7	1.660	2.627	5.7	21.2
11 27	4 22.71	+21 36.2	1.635	2.621	1.0	20.8
12 7	4 11.62	+21 21.5	1.639	2.614	3.8	21.0
12 17	4 1.53	+21 6.1	1.672	2.607	8.4	21.3
12 27	3 53.57	+20 53.8	1.731	2.600	12.4	21.5
1 6	3 48.43	+20 47.6	1.812	2.592	15.9	21.7

38636 2000 LM_{27} 11 29.0 86°.38 3°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.10	+15 18.2	1.328	2.189	16.7	19.4
11 7	4 44.60	+14 49.0	1.287	2.212	12.1	19.2
11 17	4 34.40	+14 21.1	1.268	2.235	7.1	19.0
11 27	4 22.81	+13 57.8	1.276	2.258	3.3	18.8
12 7	4 11.42	+13 42.4	1.311	2.280	5.9	19.0
12 17	4 1.67	+13 37.5	1.372	2.302	10.4	19.4
12 27	3 54.64	+13 44.6	1.457	2.323	14.6	19.7
1 6	3 50.82	+14 3.5	1.563	2.344	18.0	20.0

485854 2012 EM_{11} 11 29.0 225°.15 3°.3/30.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.15	+31 20.9	2.266	3.090	12.0	22.1
11 7	4 40.77	+31 43.7	2.187	3.087	9.1	21.9
11 17	4 32.28	+31 56.4	2.133	3.084	6.0	21.7
11 27	4 22.50	+31 57.3	2.107	3.081	3.5	21.5
12 7	4 12.47	+31 46.4	2.110	3.077	4.2	21.5
12 17	4 3.29	+31 25.8	2.142	3.074	7.1	21.7
12 27	3 55.90	+30 59.5	2.202	3.070	10.2	21.9
1 6	3 50.94	+30 32.2	2.285	3.066	13.0	22.1

89800 2002 AW_{148} 11 29.0 201°.43 5°.7/26.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 43.03	+ 4 3.8	2.405	3.239	11.1	19.3
11 7	4 37.39	+ 3 17.8	2.338	3.237	8.7	19.2
11 17	4 30.21	+ 2 39.4	2.296	3.234	6.6	19.1
11 27	4 22.14	+ 2 12.4	2.283	3.231	5.7	19.0
12 7	4 13.96	+ 1 59.6	2.298	3.228	6.8	19.1
12 17	4 6.45	+ 2 2.2	2.341	3.225	9.0	19.2
12 27	4 0.31	+ 2 20.1	2.409	3.221	11.4	19.4
1 6	3 56.02	+ 2 51.6	2.499	3.217	13.6	19.5

237128 2008 UG_{5} 11 29.0 95°.55 2°.6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.46	+28 26.6	2.436	3.261	11.3	20.2
11 7	4 41.48	+29 9.8	2.370	3.273	8.4	20.0
11 17	4 32.59	+29 45.8	2.331	3.286	5.3	19.9
11 27	4 22.55	+30 12.7	2.321	3.298	2.8	19.7
12 7	4 12.35	+30 29.7	2.341	3.310	3.7	19.8
12 17	4 2.96	+30 38.0	2.392	3.322	6.5	20.0
12 27	3 55.25	+30 40.2	2.471	3.334	9.4	20.2
1 6	3 49.80	+30 39.8	2.574	3.346	11.9	20.4

331043 2009 VX_{61} 11 29.0 209°.74 0°.4/29.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.73	+22 11.2	2.397	3.237	10.9	21.1
11 7	4 39.52	+22 29.0	2.319	3.235	7.9	20.9
11 17	4 31.50	+22 43.6	2.268	3.233	4.5	20.7
11 27	4 22.37	+22 54.5	2.245	3.231	0.9	20.4
12 7	4 13.04	+23 2.2	2.254	3.229	2.9	20.6
12 17	4 4.41	+23 7.7	2.292	3.227	6.5	20.8
12 27	3 57.32	+23 13.0	2.358	3.224	9.7	21.0
1 6	3 52.32	+23 20.2	2.448	3.222	12.4	21.2

42804 1999 GQ_{33} 11 29.0 105°.69 3°.0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.31	+14 43.1	1.428	2.286	15.9	18.4
11 7	4 44.11	+14 31.4	1.376	2.300	11.6	18.2
11 17	4 34.22	+14 22.0	1.346	2.313	6.8	18.0
11 27	4 22.83	+14 16.9	1.344	2.326	3.1	17.8
12 7	4 11.42	+14 18.3	1.368	2.338	5.5	18.0
12 17	4 1.41	+14 27.9	1.420	2.350	10.1	18.3
12 27	3 53.96	+14 46.9	1.496	2.362	14.3	18.5
1 6	3 49.65	+15 15.3	1.593	2.374	17.7	18.8

197244 2003 WZ_{63} 11 29.0 97°.59 0°.4/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.50	+22 0.7	2.348	3.193	10.9	20.0
11 7	4 37.79	+21 28.0	2.280	3.200	7.9	19.8
11 17	4 30.44	+20 50.3	2.239	3.206	4.4	19.6
11 27	4 22.18	+20 9.4	2.226	3.212	0.8	19.3
12 7	4 13.89	+19 28.0	2.244	3.219	3.1	19.5
12 17	4 6.41	+18 49.1	2.292	3.225	6.6	19.7
12 27	4 0.46	+18 15.8	2.367	3.231	9.7	20.0
1 6	3 56.52	+17 50.2	2.465	3.237	12.4	20.1

252126 2000 WX_{155} 11 29.0 31°.68 6°.1/30.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.40	+32 52.8	1.303	2.148	17.9	19.5
11 7	4 44.66	+34 4.3	1.269	2.177	13.7	19.3
11 17	4 34.68	+34 58.4	1.256	2.206	9.5	19.1
11 27	4 22.90	+35 29.8	1.268	2.237	6.4	19.1
12 7	4 11.23	+35 37.9	1.306	2.269	6.9	19.2
12 17	4 1.41	+35 26.8	1.369	2.301	10.2	19.4
12 27	3 54.73	+35 4.0	1.455	2.335	13.7	19.7
1 6	3 51.73	+34 37.4	1.562	2.368	16.8	20.0

228822 2003 BR_{62} 11 29.0 356°.03 2°.9/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.51	+14 32.3	1.081	1.963	18.1	19.3
11 7	4 40.83	+14 45.5	1.021	1.957	13.3	19.0
11 17	4 32.81	+15 4.3	0.982	1.953	7.8	18.7
11 27	4 22.65	+15 30.0	0.966	1.950	3.1	18.4
12 7	4 12.09	+16 3.2	0.975	1.949	6.1	18.6
12 17	4 2.96	+16 44.1	1.007	1.949	11.6	18.9
12 27	3 56.76	+17 32.5	1.060	1.950	16.7	19.2
1 6	3 54.31	+18 27.8	1.132	1.953	21.0	19.5

264922 2002 TB_{320} 11 29.0 143°.99 4°.4/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.95	+32 21.3	1.626	2.457	15.7	21.4
11 7	4 45.55	+32 47.5	1.560	2.463	12.0	21.1
11 17	4 35.19	+32 59.1	1.517	2.469	8.0	20.9
11 27	4 23.03	+32 52.9	1.500	2.474	4.8	20.8
12 7	4 10.68	+32 29.2	1.511	2.479	5.5	20.8
12 17	3 59.72	+31 51.9	1.550	2.484	9.1	21.0
12 27	3 51.46	+31 8.1	1.614	2.488	12.9	21.3
1 6	3 46.57	+30 24.9	1.700	2.492	16.3	21.5

239753 2010 AW_{43} 11 29.0 274°.04 3°.5/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.53	+29 2.2	1.661	2.501	14.9	19.6
11 7	4 44.01	+29 37.9	1.576	2.486	11.3	19.4
11 17	4 34.50	+30 4.1	1.513	2.471	7.3	19.1
11 27	4 22.95	+30 17.3	1.478	2.456	3.8	18.9
12 7	4 10.82	+30 16.4	1.470	2.441	5.0	18.9
12 17	3 59.69	+30 3.4	1.489	2.425	9.2	19.1
12 27	3 50.99	+29 43.5	1.534	2.410	13.4	19.3
1 6	3 45.60	+29 22.8	1.601	2.394	17.1	19.5

282114 2000 WL_{177} 11 29.0 87.°75 1.°6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.08	+18 41.3	1.644	2.500	14.3	19.6
11 7	4 41.54	+18 16.5	1.590	2.514	10.3	19.4
11 17	4 32.70	+17 49.2	1.559	2.527	5.8	19.1
11 27	4 22.59	+17 21.6	1.556	2.541	1.8	18.9
12 7	4 12.50	+16 56.5	1.581	2.554	4.4	19.1
12 17	4 3.63	+16 37.2	1.634	2.568	8.8	19.4
12 27	3 56.96	+16 26.5	1.713	2.581	12.6	19.7
1 6	3 53.04	+16 25.6	1.813	2.593	15.8	19.9

292832 2006 UH_{281} 11 29.0 142.°75 1.°3/29.4 18

10 28	4 52.19	+24 10.2	1.639	2.485	14.8	21.1
11 7	4 44.78	+24 28.3	1.575	2.492	10.8	20.9
11 17	4 34.67	+24 39.9	1.535	2.500	6.3	20.6
11 27	4 22.96	+24 43.4	1.522	2.506	1.7	20.3
12 7	4 11.06	+24 39.5	1.537	2.513	4.0	20.5
12 17	4 0.42	+24 30.9	1.581	2.519	8.6	20.8
12 27	3 52.22	+24 21.6	1.651	2.524	12.8	21.1
1 6	3 47.14	+24 15.6	1.743	2.529	16.2	21.3

459456 2012 XD_{111} 11 29.0 36.°89 17.°6/ 1.2 17

10 28	4 58.77	−15 41.4	1.009	1.809	25.2	20.2
11 7	4 50.26	−15 39.4	0.963	1.814	22.2	20.0
11 17	4 37.99	−14 49.8	0.933	1.818	19.4	19.8
11 27	4 23.53	−13 3.2	0.922	1.824	17.7	19.8
12 7	4 9.02	−10 20.8	0.932	1.829	17.9	19.8
12 17	3 56.52	− 6 54.2	0.965	1.835	19.8	19.9
12 27	3 47.60	− 3 1.3	1.019	1.842	22.7	20.2
1 6	3 42.91	+ 0 59.7	1.092	1.849	25.5	20.4

98760 2000 YO_{68} 11 29.0 265.°95 5.°8/26.9 18

10 28	4 45.65	+ 7 13.8	1.846	2.693	13.3	19.3
11 7	4 39.82	+ 6 31.1	1.768	2.679	10.3	19.0
11 17	4 31.83	+ 5 55.1	1.714	2.665	7.3	18.8
11 27	4 22.50	+ 5 30.3	1.688	2.651	5.8	18.7
12 7	4 12.87	+ 5 20.3	1.689	2.636	7.4	18.8
12 17	4 4.04	+ 5 27.1	1.717	2.621	10.5	18.9
12 27	3 57.02	+ 5 51.0	1.770	2.606	13.8	19.1
1 6	3 52.44	+ 6 30.1	1.843	2.591	16.8	19.3

281638 2008 UR_{316} 11 29.0 74.°09 0.°8/28.8 18

10 28	4 50.19	+20 32.5	1.567	2.422	15.0	20.5
11 7	4 43.01	+20 16.4	1.525	2.448	10.7	20.3
11 17	4 33.47	+19 56.2	1.506	2.475	5.9	20.1
11 27	4 22.73	+19 33.4	1.515	2.501	1.2	19.9
12 7	4 12.17	+19 10.7	1.552	2.527	4.1	20.1
12 17	4 3.05	+18 51.4	1.617	2.552	8.6	20.5
12 27	3 56.31	+18 38.8	1.707	2.578	12.5	20.8
1 6	3 52.44	+18 34.6	1.819	2.603	15.7	21.0

475660 2006 UJ_{360} 11 29.0 354.°39 4.°2/29.9 18

10 28	4 48.53	+28 34.8	1.154	2.019	18.4	20.7
11 7	4 43.26	+29 17.5	1.091	2.015	13.9	20.4
11 17	4 34.31	+29 48.3	1.049	2.012	8.8	20.1
11 27	4 22.96	+30 2.9	1.029	2.009	4.5	19.9
12 7	4 11.13	+30 0.2	1.034	2.008	6.0	20.0
12 17	4 0.88	+29 43.6	1.064	2.008	11.0	20.2
12 27	3 53.87	+29 20.4	1.116	2.008	15.9	20.5
1 6	3 50.95	+28 58.0	1.186	2.009	20.0	20.8

76447 2000 FY_{32} 11 29.0 118.°74 3.°3/28.2 18

10 28	4 47.77	+11 27.2	1.974	2.820	12.7	18.9
11 7	4 41.08	+11 29.2	1.912	2.828	9.3	18.7
11 17	4 32.41	+11 36.0	1.874	2.835	5.8	18.5
11 27	4 22.58	+11 49.1	1.865	2.843	3.3	18.3
12 7	4 12.65	+12 9.5	1.886	2.850	5.0	18.5
12 17	4 3.64	+12 37.4	1.935	2.857	8.4	18.7
12 27	3 56.43	+13 12.9	2.011	2.864	11.7	18.9
1 6	3 51.59	+13 55.3	2.110	2.871	14.5	19.1

38855 2000 SY_{81} 11 29.0 221.°61 2.°8/28.1 18

10 28	4 47.04	+15 27.4	1.761	2.615	13.6	19.2
11 7	4 40.86	+14 59.0	1.689	2.612	9.9	19.0
11 17	4 32.42	+14 30.6	1.642	2.608	5.9	18.7
11 27	4 22.60	+14 4.9	1.622	2.604	2.8	18.5
12 7	4 12.58	+13 45.0	1.631	2.600	5.0	18.7
12 17	4 3.53	+13 33.5	1.668	2.595	9.1	18.9
12 27	3 56.49	+13 32.6	1.730	2.590	12.9	19.1
1 6	3 52.06	+13 42.9	1.814	2.585	16.2	19.3

394517 2007 TC_{303} 11 29.0 195.°63 3.°1/27.4 18

10 28	4 45.83	+15 21.0	2.096	2.945	11.9	21.3
11 7	4 39.62	+14 19.0	2.024	2.943	8.7	21.1
11 17	4 31.57	+13 15.4	1.977	2.941	5.3	20.9
11 27	4 22.45	+12 14.2	1.960	2.938	3.1	20.7
12 7	4 13.23	+11 19.5	1.972	2.935	5.0	20.8
12 17	4 4.87	+10 35.3	2.014	2.931	8.4	21.0
12 27	3 58.20	+10 4.1	2.082	2.927	11.7	21.2
1 6	3 53.74	+ 9 47.0	2.173	2.923	14.5	21.4

15929 Ericlinton 11 29.0 213.°43 0.°1/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 43.75	+22 35.6	2.667	3.507	10.0	18.9
11 7	4 37.95	+22 28.2	2.586	3.502	7.2	18.7
11 17	4 30.58	+22 16.7	2.532	3.497	4.1	18.5
11 27	4 22.28	+22 1.6	2.506	3.492	0.7	18.2
12 7	4 13.83	+21 44.1	2.512	3.487	2.7	18.4
12 17	4 6.02	+21 26.2	2.547	3.481	6.0	18.6
12 27	3 59.56	+21 10.3	2.612	3.476	8.9	18.8
1 6	3 54.95	+20 58.4	2.700	3.470	11.5	19.0

332443 2007 YO_{46} 11 29.0 343.°54 2.°5/28.5 18

10 28	4 46.00	+17 0.0	1.076	1.958	18.1	20.4
11 7	4 41.28	+16 49.8	1.013	1.949	13.3	20.0
11 17	4 33.13	+16 39.7	0.970	1.942	7.7	19.7
11 27	4 22.76	+16 32.2	0.951	1.935	2.7	19.4
12 7	4 11.96	+16 30.1	0.955	1.930	6.0	19.6
12 17	4 2.60	+16 36.5	0.983	1.926	11.8	19.9
12 27	3 56.24	+16 53.7	1.032	1.922	17.1	20.2
1 6	3 53.71	+17 22.3	1.099	1.920	21.5	20.5

177594 2004 GK_{41} 11 29.0 193.°67 2.°2/30.2 18

10 28	4 47.31	+30 12.6	2.587	3.408	10.8	21.1
11 7	4 40.59	+30 6.7	2.504	3.405	8.1	20.9
11 17	4 32.09	+29 51.1	2.448	3.402	5.1	20.7
11 27	4 22.54	+29 25.5	2.420	3.399	2.5	20.5
12 7	4 12.86	+28 51.0	2.424	3.395	3.3	20.6
12 17	4 3.97	+28 10.4	2.458	3.390	6.2	20.8
12 27	3 56.66	+27 27.7	2.520	3.385	9.2	21.0
1 6	3 51.46	+26 46.9	2.607	3.379	11.8	21.1

35616 1998 HN_{148} 11 29.0 124.°50 0.°9/28.6 18

10 28	4 44.99	+19 38.9	2.237	3.084	11.4	19.2
11 7	4 38.95	+19 20.6	2.171	3.091	8.2	19.0
11 17	4 31.16	+18 59.6	2.131	3.098	4.6	18.8
11 27	4 22.38	+18 37.1	2.120	3.105	1.1	18.6
12 7	4 13.54	+18 15.2	2.139	3.112	3.4	18.7
12 17	4 5.53	+17 56.3	2.187	3.119	6.9	19.0
12 27	3 59.14	+17 42.8	2.262	3.125	10.2	19.2
1 6	3 54.85	+17 36.3	2.361	3.131	12.9	19.4

234135 2000 DJ_{11} 11 29.0 312.°03 2.°6/27.9 17

10 28	4 42.62	+15 20.8	2.103	2.957	11.7	20.2
11 7	4 37.43	+14 48.2	2.026	2.948	8.5	20.0
11 17	4 30.40	+14 15.5	1.974	2.939	5.1	19.7
11 27	4 22.27	+13 45.2	1.950	2.930	2.6	19.6
12 7	4 13.94	+13 20.2	1.955	2.922	4.5	19.7
12 17	4 6.37	+13 3.0	1.988	2.913	8.0	19.9
12 27	4 0.37	+12 55.6	2.047	2.905	11.3	20.1
1 6	3 56.51	+12 58.7	2.129	2.897	14.2	20.3

264288 1998 RY_{45} 11 29.0 22.°03 3.°4/30.3 18

10 28	4 45.48	+30 36.9	1.666	2.511	14.7	19.7
11 7	4 39.97	+30 48.1	1.607	2.519	11.0	19.5
11 17	4 31.97	+30 46.6	1.571	2.528	7.1	19.3
11 27	4 22.53	+30 31.1	1.560	2.539	3.8	19.1
12 7	4 13.00	+30 3.0	1.577	2.549	4.6	19.2
12 17	4 4.70	+29 26.2	1.622	2.561	8.3	19.5
12 27	3 58.70	+28 46.6	1.691	2.573	12.0	19.7
1 6	3 55.59	+28 9.5	1.782	2.586	15.2	20.0

312264 2008 AB_{28} 11 29.0 301.°41 1.°3/29.5 17

10 28	4 46.15	+25 15.6	1.800	2.649	13.6	21.3
11 7	4 40.46	+25 18.4	1.717	2.636	10.0	21.0
11 17	4 32.33	+25 13.6	1.658	2.623	5.9	20.8
11 27	4 22.62	+25 0.8	1.625	2.610	1.7	20.5
12 7	4 12.55	+24 41.1	1.621	2.597	3.8	20.6
12 17	4 3.39	+24 17.6	1.645	2.584	8.2	20.8
12 27	3 56.29	+23 54.4	1.695	2.572	12.2	21.0
1 6	3 51.96	+23 35.7	1.767	2.560	15.7	21.2

127496 2002 TL_{39} 11 29.0 33.°53 2.°3/28.1 18

10 28	4 45.17	+19 58.4	1.282	2.155	16.4	17.9
11 7	4 39.74	+18 51.1	1.243	2.175	11.7	17.7
11 17	4 31.75	+17 38.9	1.226	2.196	6.6	17.4
11 27	4 22.47	+16 27.5	1.234	2.219	2.3	17.3
12 7	4 13.41	+15 23.1	1.269	2.242	5.3	17.5
12 17	4 5.88	+14 31.6	1.330	2.266	10.1	17.8
12 27	4 0.88	+13 56.4	1.414	2.290	14.2	18.2
1 6	3 58.86	+13 38.5	1.518	2.316	17.6	18.5

517562 2014 TQ_{47} 11 29.0 91.°18 6.°8/ 1.8 18

10 28	4 54.91	+42 38.3	2.505	3.272	12.7	21.6
11 7	4 46.45	+43 47.3	2.450	3.296	10.4	21.5
11 17	4 35.54	+44 40.0	2.420	3.319	8.3	21.4
11 27	4 23.16	+45 11.9	2.417	3.341	7.0	21.4
12 7	4 10.57	+45 21.6	2.443	3.364	7.0	21.4
12 17	3 59.06	+45 10.9	2.497	3.386	8.3	21.5
12 27	3 49.73	+44 44.9	2.578	3.408	10.2	21.7
1 6	3 43.22	+44 10.2	2.682	3.429	12.1	21.8

457967 2009 VZ_{83} 11 29.0 293°.30 2°.4/29.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.24	+26 20.6	2.240	3.071	11.9	21.4
11 7	4 42.59	+27 12.2	2.137	3.045	8.9	21.2
11 17	4 33.57	+28 0.0	2.060	3.019	5.5	20.9
11 27	4 22.87	+28 41.1	2.012	2.992	2.6	20.7
12 7	4 11.53	+29 13.5	1.994	2.965	3.9	20.7
12 17	4 0.71	+29 37.2	2.007	2.939	7.5	20.9
12 27	3 51.56	+29 54.1	2.047	2.912	11.0	21.1
1 6	3 44.91	+30 7.7	2.111	2.885	14.1	21.2

32241 2000 ON_{39} 11 29.0 204°.17 3°.6/27.4 18

10 28	4 47.10	+13 53.1	1.981	2.830	12.5	19.4
11 7	4 40.67	+12 55.6	1.907	2.825	9.2	19.2
11 17	4 32.22	+11 57.9	1.859	2.821	5.7	19.0
11 27	4 22.59	+11 4.0	1.839	2.815	3.6	18.8
12 7	4 12.81	+10 18.0	1.849	2.809	5.5	18.9
12 17	4 3.92	+ 9 43.6	1.887	2.803	9.0	19.1
12 27	3 56.82	+ 9 23.2	1.952	2.796	12.4	19.3
1 6	3 52.08	+ 9 17.2	2.038	2.788	15.3	19.5

31859 Zemaitis 11 29.0 141°.01 1°.1/28.7 18

10 28	4 49.70	+19 27.6	1.849	2.696	13.3	20.4
11 7	4 42.60	+19 11.7	1.787	2.707	9.6	20.2
11 17	4 33.30	+18 52.7	1.750	2.717	5.4	19.9
11 27	4 22.77	+18 31.9	1.741	2.726	1.3	19.7
12 7	4 12.19	+18 11.7	1.762	2.735	3.9	19.9
12 17	4 2.70	+17 54.8	1.811	2.743	8.1	20.1
12 27	3 55.26	+17 44.1	1.887	2.751	11.9	20.4
1 6	3 50.45	+17 41.3	1.986	2.758	14.9	20.6

229648 2006 GG_2 11 29.0 235°.89 1°.0/28.6 17

10 28	4 43.98	+18 45.1	2.335	3.182	10.9	20.8
11 7	4 38.26	+18 37.5	2.260	3.180	7.9	20.6
11 17	4 30.82	+18 28.3	2.211	3.178	4.5	20.4
11 27	4 22.36	+18 18.4	2.190	3.175	1.2	20.2
12 7	4 13.73	+18 9.3	2.200	3.173	3.3	20.3
12 17	4 5.83	+18 2.8	2.239	3.171	6.8	20.6
12 27	3 59.42	+18 0.7	2.305	3.168	10.0	20.8
1 6	3 55.04	+18 4.5	2.395	3.166	12.7	21.0

18102 Angrilli 11 29.0 217°.25 1°.7/28.3 18

10 28	4 47.74	+18 41.7	1.872	2.722	13.1	19.0
11 7	4 41.31	+18 6.3	1.795	2.716	9.5	18.8
11 17	4 32.67	+17 27.3	1.743	2.710	5.4	18.5
11 27	4 22.68	+16 47.0	1.719	2.703	1.8	18.3
12 7	4 12.48	+16 8.8	1.724	2.695	4.3	18.4
12 17	4 3.23	+15 36.3	1.758	2.687	8.5	18.7
12 27	3 55.92	+15 13.1	1.818	2.679	12.4	18.9
1 6	3 51.17	+15 0.8	1.900	2.670	15.6	19.1

16524 Hausmann 11 29.0 311°.24 0°.8/29.3 18

10 28	4 46.90	+24 10.3	1.429	2.290	15.7	18.2
11 7	4 41.48	+24 2.5	1.351	2.277	11.6	17.9
11 17	4 33.10	+23 46.1	1.295	2.264	6.7	17.6
11 27	4 22.78	+23 21.1	1.265	2.251	1.5	17.3
12 7	4 12.04	+22 49.9	1.262	2.238	4.4	17.4
12 17	4 2.44	+22 16.9	1.284	2.226	9.6	17.7
12 27	3 55.37	+21 47.6	1.331	2.215	14.4	18.0
1 6	3 51.62	+21 26.5	1.398	2.204	18.5	18.2

61066 2000 LV_5 11 29.0 212°.30 1°.1/29.4 18

10 28	4 49.86	+25 7.0	1.920	2.760	13.2	20.5
11 7	4 42.95	+25 5.6	1.840	2.754	9.7	20.3
11 17	4 33.64	+24 56.6	1.784	2.748	5.7	20.0
11 27	4 22.86	+24 39.5	1.756	2.741	1.6	19.7
12 7	4 11.79	+24 15.7	1.757	2.733	3.6	19.9
12 17	4 1.70	+23 48.4	1.788	2.724	7.9	20.1
12 27	3 53.65	+23 21.8	1.846	2.716	11.8	20.3
1 6	3 48.32	+23 0.0	1.926	2.706	15.1	20.5

124940 2001 TP_{79} 11 29.0 191°.58 3°.7/27.6 18

10 28	4 47.18	+13 52.4	1.718	2.574	13.8	19.4
11 7	4 40.95	+13 6.5	1.651	2.573	10.1	19.2
11 17	4 32.46	+12 21.5	1.609	2.572	6.3	19.0
11 27	4 22.65	+11 41.2	1.593	2.571	3.7	18.8
12 7	4 12.69	+11 9.7	1.606	2.570	5.8	18.9
12 17	4 3.76	+10 50.1	1.647	2.568	9.7	19.2
12 27	3 56.86	+10 44.3	1.712	2.566	13.4	19.4
1 6	3 52.59	+10 52.6	1.799	2.564	16.5	19.6

28956 2001 AA_{45} 11 29.0 124°.39 5°.4/26.9 18

10 28	4 43.79	+ 3 40.4	2.515	3.345	10.8	18.4
11 7	4 37.83	+ 3 10.8	2.459	3.356	8.4	18.3
11 17	4 30.45	+ 2 49.6	2.430	3.367	6.3	18.1
11 27	4 22.29	+ 2 39.5	2.428	3.378	5.4	18.1
12 7	4 14.11	+ 2 42.5	2.456	3.389	6.3	18.2
12 17	4 6.63	+ 2 59.0	2.512	3.399	8.4	18.3
12 27	4 0.51	+ 3 28.4	2.595	3.409	10.7	18.5
1 6	3 56.16	+ 4 8.9	2.700	3.418	12.7	18.7

47616 2000 BC_{26} 11 29.0 233°.53 0°.7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 43.85	+19 56.6	2.491	3.335	10.4	19.1
11 7	4 38.11	+19 45.1	2.410	3.328	7.5	18.9
11 17	4 30.73	+19 30.9	2.355	3.322	4.2	18.6
11 27	4 22.35	+19 15.1	2.329	3.315	0.9	18.4
12 7	4 13.80	+18 59.0	2.333	3.307	3.1	18.5
12 17	4 5.91	+18 44.7	2.368	3.300	6.5	18.8
12 27	3 59.43	+18 34.5	2.430	3.292	9.6	18.9
1 6	3 54.88	+18 29.8	2.516	3.284	12.2	19.1

421610 2014 OQ_{238} 11 29.0 27°.80 0°.6/28.8 17

10 28	4 45.05	+21 3.5	1.821	2.676	13.2	21.0
11 7	4 39.38	+20 45.5	1.756	2.679	9.5	20.8
11 17	4 31.57	+20 23.0	1.714	2.683	5.3	20.6
11 27	4 22.50	+19 57.5	1.700	2.686	1.0	20.3
12 7	4 13.33	+19 31.5	1.715	2.690	3.7	20.5
12 17	4 5.16	+19 8.1	1.758	2.695	8.0	20.7
12 27	3 58.93	+18 50.5	1.827	2.699	11.7	21.0
1 6	3 55.23	+18 40.9	1.918	2.704	14.9	21.2

294804 2008 CN_{88} 11 29.0 145°.03 0°.3/28.9 18

10 28	4 46.55	+20 41.7	2.120	2.966	11.9	21.0
11 7	4 40.23	+20 41.0	2.051	2.970	8.6	20.8
11 17	4 31.98	+20 37.2	2.007	2.974	4.8	20.6
11 27	4 22.58	+20 30.7	1.992	2.978	0.9	20.3
12 7	4 13.05	+20 22.8	2.007	2.982	3.3	20.5
12 17	4 4.39	+20 15.6	2.051	2.985	7.2	20.8
12 27	3 57.46	+20 11.4	2.122	2.989	10.6	21.0
1 6	3 52.82	+20 12.1	2.216	2.992	13.5	21.2

104136 2000 EH_{63} 11 29.0 335°.55 1°.8/29.5 18

10 28	4 47.35	+25 1.8	1.243	2.110	17.2	19.5
11 7	4 42.16	+25 18.1	1.173	2.101	12.7	19.2
11 17	4 33.63	+25 25.9	1.124	2.092	7.5	18.9
11 27	4 22.91	+25 23.5	1.100	2.084	2.4	18.6
12 7	4 11.72	+25 11.9	1.100	2.077	4.8	18.7
12 17	4 1.86	+24 54.4	1.126	2.071	10.4	19.0
12 27	3 54.90	+24 37.0	1.175	2.065	15.4	19.3
1 6	3 51.67	+24 24.7	1.242	2.060	19.6	19.5

73473 2002 OV_{18} 11 29.0 251°.60 0°.2/29.2 17

10 28	4 43.92	+24 11.8	2.327	3.170	11.1	19.8
11 7	4 38.24	+23 40.3	2.249	3.166	8.1	19.6
11 17	4 30.82	+23 1.9	2.196	3.162	4.6	19.4
11 27	4 22.38	+22 18.0	2.172	3.158	0.8	19.1
12 7	4 13.84	+21 31.1	2.179	3.154	3.0	19.3
12 17	4 6.07	+20 44.7	2.215	3.150	6.6	19.5
12 27	3 59.87	+20 2.6	2.279	3.146	9.9	19.7
1 6	3 55.76	+19 27.6	2.366	3.142	12.7	19.9

460976 2014 WX_{325} 11 29.0 329°.45 4°.7/27.3 17

10 28	4 42.86	+ 7 12.6	2.281	3.124	11.3	21.1
11 7	4 37.42	+ 6 49.8	2.212	3.121	8.6	20.9
11 17	4 30.34	+ 6 33.4	2.169	3.119	6.0	20.7
11 27	4 22.30	+ 6 26.5	2.153	3.117	4.7	20.6
12 7	4 14.14	+ 6 30.9	2.167	3.115	5.9	20.7
12 17	4 6.66	+ 6 47.4	2.208	3.113	8.5	20.9
12 27	4 0.63	+ 7 16.0	2.276	3.112	11.2	21.0
1 6	3 56.53	+ 7 55.2	2.366	3.110	13.6	21.2

231579 2008 UG_{170} 11 29.0 349°.95 0°.7/29.4 17

10 28	4 43.38	+24 47.6	2.033	2.882	12.2	19.8
11 7	4 38.10	+24 31.2	1.959	2.879	8.9	19.6
11 17	4 30.84	+24 7.6	1.910	2.876	5.1	19.3
11 27	4 22.40	+23 37.6	1.888	2.874	1.2	19.0
12 7	4 13.80	+23 3.3	1.895	2.872	3.3	19.2
12 17	4 6.08	+22 28.1	1.931	2.870	7.2	19.4
12 27	4 0.13	+21 55.8	1.994	2.869	10.8	19.7
1 6	3 56.50	+21 29.6	2.079	2.868	13.8	19.9

287866 2003 SK_{289} 11 29.0 116°.99 3°.3/30.3 17

10 28	4 47.42	+31 10.1	2.310	3.133	11.9	20.7
11 7	4 40.96	+31 40.9	2.237	3.136	9.0	20.5
11 17	4 32.45	+32 2.2	2.189	3.140	5.9	20.4
11 27	4 22.69	+32 12.0	2.169	3.143	3.5	20.2
12 7	4 12.72	+32 10.1	2.179	3.146	4.2	20.3
12 17	4 3.60	+31 58.4	2.218	3.149	7.0	20.4
12 27	3 56.24	+31 40.4	2.285	3.152	9.9	20.6
1 6	3 51.26	+31 20.5	2.375	3.155	12.6	20.8

516498 2005 YZ_{25} 11 29.0 335°.67 0°.5/29.2 18

10 28	4 45.46	+23 32.3	1.271	2.141	16.7	21.5
11 7	4 40.66	+23 24.5	1.199	2.130	12.3	21.2
11 17	4 32.73	+23 8.4	1.149	2.119	7.1	20.9
11 27	4 22.77	+22 44.3	1.123	2.109	1.4	20.5
12 7	4 12.40	+22 14.9	1.123	2.100	4.6	20.7
12 17	4 3.29	+21 44.9	1.148	2.092	10.2	21.0
12 27	3 56.90	+21 19.9	1.195	2.085	15.2	21.2
1 6	3 54.04	+21 4.2	1.262	2.079	19.5	21.5

401947 2002 PH_2 11 29.0 101°.93 0°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 44.89	+23 8.5	2.616	3.453	10.2	21.1
11 7	4 38.58	+22 31.2	2.560	3.475	7.3	21.0
11 17	4 30.85	+21 48.7	2.530	3.495	4.1	20.8
11 27	4 22.39	+21 2.7	2.530	3.516	0.7	20.6
12 7	4 14.00	+20 15.8	2.561	3.536	2.7	20.8
12 17	4 6.45	+19 31.0	2.624	3.556	5.9	21.0
12 27	4 0.34	+18 51.3	2.714	3.575	8.8	21.2
1 6	3 56.10	+18 18.8	2.830	3.594	11.1	21.4

178786 2001 CF_{24} 11 29.1 288°.26 0°.0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.39	+23 24.0	1.379	2.241	16.2	20.1
11 7	4 42.61	+23 0.5	1.303	2.229	11.8	19.8
11 17	4 33.77	+22 27.7	1.249	2.218	6.8	19.5
11 27	4 22.96	+21 46.6	1.220	2.206	1.2	19.1
12 7	4 11.74	+21 1.0	1.218	2.194	4.6	19.3
12 17	4 1.77	+20 16.2	1.242	2.183	10.1	19.6
12 27	3 54.43	+19 38.4	1.290	2.171	15.0	19.9
1 6	3 50.51	+19 12.2	1.358	2.160	19.1	20.1

521385 2015 MH_{142} 11 29.1 216°.85 0°.6/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.28	+23 45.9	1.845	2.690	13.5	22.5
11 7	4 42.60	+23 42.0	1.767	2.684	9.9	22.2
11 17	4 33.49	+23 31.4	1.712	2.678	5.7	22.0
11 27	4 22.89	+23 14.2	1.686	2.672	1.2	21.6
12 7	4 12.01	+22 51.9	1.689	2.665	3.7	21.8
12 17	4 2.12	+22 27.5	1.721	2.657	8.1	22.1
12 27	3 54.31	+22 5.2	1.779	2.649	12.1	22.3
1 6	3 49.25	+21 48.6	1.859	2.641	15.5	22.5

327483 2005 YD_{86} 11 29.1 297°.67 4°.0/ 1.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.65	+34 43.8	2.074	2.895	13.1	20.8
11 7	4 40.64	+34 37.7	1.990	2.886	10.2	20.6
11 17	4 32.35	+34 16.6	1.930	2.877	7.0	20.3
11 27	4 22.69	+33 39.0	1.897	2.868	4.4	20.2
12 7	4 12.83	+32 46.4	1.893	2.859	4.7	20.2
12 17	4 3.95	+31 42.9	1.917	2.850	7.6	20.3
12 27	3 57.10	+30 34.7	1.968	2.842	10.9	20.5
1 6	3 52.87	+29 28.2	2.042	2.833	14.0	20.7

411079 2009 VK_{86} 11 29.1 12°.74 1°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.14	+19 41.5	2.019	2.874	12.1	20.8
11 7	4 37.82	+18 55.4	1.951	2.875	8.7	20.6
11 17	4 30.62	+18 5.3	1.908	2.876	4.9	20.4
11 27	4 22.38	+17 13.8	1.894	2.878	1.6	20.2
12 7	4 14.06	+16 24.6	1.908	2.880	3.9	20.4
12 17	4 6.62	+15 41.5	1.951	2.883	7.7	20.6
12 27	4 0.90	+15 7.7	2.021	2.885	11.1	20.8
1 6	3 57.39	+14 45.1	2.113	2.888	14.1	21.0

61039 2000 KW_{59} 11 29.1 270°.84 1°.1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.31	+18 42.3	2.434	3.280	10.6	19.4
11 7	4 37.81	+18 26.3	2.347	3.267	7.6	19.2
11 17	4 30.62	+18 8.1	2.287	3.254	4.3	18.9
11 27	4 22.39	+17 49.2	2.255	3.240	1.3	18.7
12 7	4 13.95	+17 31.3	2.254	3.227	3.3	18.8
12 17	4 6.12	+17 16.5	2.282	3.213	6.8	19.0
12 27	3 59.71	+17 6.8	2.338	3.199	10.0	19.2
1 6	3 55.25	+17 3.9	2.417	3.185	12.7	19.4

226388 2003 OS_{20} 11 29.1 94°.14 1°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.08	+16 23.3	2.290	3.135	11.2	20.3
11 7	4 39.64	+16 22.5	2.234	3.152	8.1	20.1
11 17	4 31.55	+16 21.9	2.205	3.170	4.6	19.9
11 27	4 22.54	+16 22.6	2.204	3.188	1.7	19.7
12 7	4 13.52	+16 25.6	2.234	3.205	3.5	19.9
12 17	4 5.35	+16 32.1	2.293	3.222	6.9	20.2
12 27	3 58.76	+16 43.3	2.380	3.239	9.9	20.4
1 6	3 54.23	+16 59.9	2.491	3.255	12.5	20.6

215335 2001 UF_{173} 11 29.1 119°.65 0°.1/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.68	+21 29.8	1.782	2.628	13.8	20.9
11 7	4 43.39	+21 26.7	1.724	2.643	10.0	20.7
11 17	4 33.80	+21 19.0	1.691	2.658	5.6	20.5
11 27	4 22.94	+21 7.2	1.686	2.672	1.0	20.2
12 7	4 12.05	+20 52.9	1.711	2.686	3.7	20.5
12 17	4 2.35	+20 39.0	1.764	2.699	8.0	20.8
12 27	3 54.84	+20 28.7	1.844	2.712	11.9	21.0
1 6	3 50.07	+20 24.5	1.946	2.724	15.0	21.3

265481 2005 CR_{69} 11 29.1 23°.54 4°.6/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 42.88	+ 8 28.5	2.094	2.942	12.0	19.8
11 7	4 37.53	+ 7 58.8	2.032	2.945	9.0	19.6
11 17	4 30.44	+ 7 35.2	1.994	2.948	6.1	19.4
11 27	4 22.37	+ 7 20.7	1.984	2.952	4.6	19.3
12 7	4 14.19	+ 7 17.6	2.003	2.955	6.0	19.4
12 17	4 6.81	+ 7 27.2	2.050	2.959	8.8	19.6
12 27	4 0.99	+ 7 49.4	2.122	2.963	11.7	19.8
1 6	3 57.25	+ 8 22.9	2.216	2.967	14.2	20.0

9567 Surgut 11 29.1 29°.07 2°.6/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.96	+26 56.6	1.053	1.927	19.1	17.5
11 7	4 42.60	+27 9.1	1.010	1.940	14.1	17.3
11 17	4 33.75	+27 8.5	0.987	1.955	8.4	17.0
11 27	4 22.94	+26 53.8	0.987	1.971	3.2	16.8
12 7	4 12.17	+26 27.5	1.011	1.988	5.2	16.9
12 17	4 3.30	+25 55.2	1.059	2.006	10.5	17.3
12 27	3 57.69	+25 24.2	1.130	2.025	15.4	17.6
1 6	3 55.92	+25 0.0	1.219	2.046	19.4	18.0

37768 1997 GV_{16} 11 29.1 88°.16 3°.7/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.70	+12 18.8	2.125	2.976	11.7	18.6
11 7	4 38.03	+11 28.5	2.067	2.985	8.6	18.4
11 17	4 30.68	+10 40.6	2.034	2.994	5.5	18.3
11 27	4 22.40	+ 9 58.4	2.030	3.004	3.7	18.2
12 7	4 14.11	+ 9 25.4	2.055	3.013	5.3	18.3
12 17	4 6.66	+ 9 4.0	2.108	3.022	8.3	18.5
12 27	4 0.81	+ 8 55.4	2.188	3.031	11.3	18.7
1 6	3 57.02	+ 8 59.4	2.289	3.040	13.8	18.9

270241 2001 UL_{11} 11 29.1 204°.52 10°.5/23.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.14	+ 7 59.2	1.124	1.993	18.6	20.4
11 7	4 43.78	+ 4 55.7	1.072	1.992	14.5	20.2
11 17	4 34.31	+ 1 55.5	1.043	1.991	11.3	20.0
11 27	4 23.05	− 0 44.7	1.040	1.989	10.7	20.0
12 7	4 11.72	− 2 50.0	1.061	1.988	13.3	20.1
12 17	4 1.98	− 4 11.9	1.106	1.986	17.1	20.3
12 27	3 55.13	− 4 49.9	1.169	1.984	20.8	20.6
1 6	3 51.79	− 4 49.9	1.248	1.982	24.0	20.8

378081 2006 UY_{72} 11 29.1 145°.03 2°.5/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.66	+29 2.0	1.717	2.552	14.8	21.8
11 7	4 45.07	+29 0.9	1.653	2.562	11.0	21.6
11 17	4 34.86	+28 47.6	1.612	2.571	6.7	21.4
11 27	4 23.14	+28 21.1	1.598	2.580	2.9	21.2
12 7	4 11.35	+27 43.2	1.614	2.587	4.2	21.3
12 17	4 0.89	+26 58.5	1.658	2.594	8.3	21.5
12 27	3 52.90	+26 13.2	1.728	2.601	12.3	21.8
1 6	3 47.96	+25 32.7	1.821	2.607	15.6	22.0

193722 2001 FR_{111} 11 29.1 171°.42 4°.0/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 42.81	+ 9 42.3	2.448	3.292	10.6	20.7
11 7	4 37.27	+ 9 0.1	2.381	3.293	7.9	20.5
11 17	4 30.24	+ 8 21.6	2.340	3.294	5.3	20.4
11 27	4 22.34	+ 7 50.0	2.328	3.295	4.0	20.3
12 7	4 14.36	+ 7 27.8	2.345	3.296	5.3	20.4
12 17	4 7.07	+ 7 16.9	2.391	3.297	7.9	20.5
12 27	4 1.13	+ 7 18.0	2.464	3.297	10.5	20.7
1 6	3 57.01	+ 7 30.7	2.559	3.297	12.8	20.9

234768 2002 PT_{66} 11 29.1 85°.04 6°.9/26.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.52	− 0 22.0	2.301	3.125	11.9	19.9
11 7	4 37.77	− 0 56.3	2.250	3.135	9.6	19.8
11 17	4 30.50	− 1 18.7	2.222	3.146	7.7	19.7
11 27	4 22.38	− 1 25.6	2.222	3.156	6.9	19.6
12 7	4 14.25	− 1 15.1	2.250	3.166	7.8	19.7
12 17	4 6.88	− 0 47.1	2.305	3.176	9.7	19.9
12 27	4 0.95	− 0 3.2	2.384	3.186	11.9	20.0
1 6	3 56.92	+ 0 53.7	2.486	3.196	13.9	20.2

291647 2006 HA_{46} 11 29.1 286°.11 0°.6/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.08	+20 12.3	2.212	3.061	11.4	21.5
11 7	4 38.54	+20 2.0	2.128	3.048	8.3	21.2
11 17	4 31.11	+19 48.7	2.068	3.036	4.7	21.0
11 27	4 22.52	+19 33.2	2.038	3.023	1.0	20.7
12 7	4 13.66	+19 17.3	2.036	3.011	3.3	20.9
12 17	4 5.52	+19 3.2	2.064	2.998	7.1	21.1
12 27	3 58.94	+18 53.3	2.119	2.986	10.6	21.3
1 6	3 54.53	+18 49.6	2.197	2.974	13.6	21.5

177796 2005 LO_{35} 11 29.1 144°.36 0°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.39	+21 23.3	2.180	3.024	11.7	21.4
11 7	4 40.04	+21 2.2	2.113	3.031	8.4	21.2
11 17	4 31.86	+20 36.7	2.071	3.038	4.7	21.0
11 27	4 22.63	+20 8.1	2.058	3.044	0.9	20.7
12 7	4 13.33	+19 38.5	2.076	3.050	3.3	20.9
12 17	4 4.92	+19 11.0	2.122	3.056	7.0	21.2
12 27	3 58.22	+18 48.3	2.197	3.061	10.4	21.4
1 6	3 53.73	+18 32.8	2.294	3.066	13.2	21.6

422292 2014 SW_{157} 11 29.1 13°.94 5°.0/26.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 42.22	+ 9 29.6	2.118	2.969	11.8	20.5
11 7	4 37.03	+ 8 17.7	2.055	2.969	8.9	20.3
11 17	4 30.15	+ 7 9.3	2.017	2.970	6.2	20.2
11 27	4 22.33	+ 6 9.4	2.008	2.972	5.0	20.1
12 7	4 14.44	+ 5 22.1	2.027	2.973	6.5	20.2
12 17	4 7.34	+ 4 50.4	2.075	2.975	9.2	20.4
12 27	4 1.78	+ 4 35.5	2.147	2.976	12.0	20.6
1 6	3 58.24	+ 4 36.7	2.240	2.978	14.5	20.7

276418 2003 AS_{53} 11 29.1 295.°65 1.°7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.75	+17 6.8	1.470	2.331	15.4	20.1
11 7	4 42.69	+17 13.3	1.395	2.322	11.2	19.8
11 17	4 33.78	+17 20.4	1.343	2.312	6.5	19.6
11 27	4 23.01	+17 29.1	1.317	2.302	1.9	19.2
12 7	4 11.79	+17 40.2	1.319	2.293	4.8	19.4
12 17	4 1.64	+17 55.4	1.347	2.283	9.9	19.7
12 27	3 53.90	+18 16.6	1.399	2.274	14.4	19.9
1 6	3 49.35	+18 44.8	1.472	2.265	18.3	20.2

439878 1999 XZ_{145} 11 29.1 1.°55 0.°3/28.9 16

10 28	4 45.76	+20 45.9	1.345	2.214	16.0	21.4
11 7	4 40.60	+20 50.9	1.282	2.212	11.6	21.2
11 17	4 32.58	+20 52.2	1.241	2.211	6.6	20.9
11 27	4 22.78	+20 50.2	1.225	2.212	1.1	20.5
12 7	4 12.72	+20 46.5	1.236	2.213	4.4	20.8
12 17	4 3.91	+20 43.7	1.272	2.215	9.7	21.1
12 27	3 57.66	+20 45.2	1.332	2.217	14.3	21.4
1 6	3 54.66	+20 53.5	1.411	2.221	18.1	21.6

204571 2005 EX_{317} 11 29.1 302.°87 8.°7/25.1 18

10 28	4 43.78	+ 3 27.9	1.609	2.461	14.8	20.3
11 7	4 38.80	+ 1 59.9	1.533	2.439	11.9	20.1
11 17	4 31.46	+ 0 40.2	1.479	2.417	9.5	19.9
11 27	4 22.60	− 0 22.9	1.450	2.395	8.7	19.8
12 7	4 13.36	− 1 2.9	1.448	2.374	10.4	19.8
12 17	4 4.95	− 1 15.9	1.469	2.353	13.4	20.0
12 27	3 58.50	− 1 1.5	1.513	2.332	16.7	20.1
1 6	3 54.70	− 0 22.9	1.575	2.312	19.6	20.3

367647 2009 WR_{72} 11 29.1 146.°20 0.°8/28.8 17

10 28	4 45.35	+18 37.8	2.405	3.249	10.8	20.7
11 7	4 39.23	+18 44.8	2.334	3.252	7.8	20.6
11 17	4 31.40	+18 50.8	2.289	3.255	4.4	20.3
11 27	4 22.57	+18 56.2	2.273	3.258	1.0	20.1
12 7	4 13.60	+19 1.6	2.287	3.261	3.1	20.3
12 17	4 5.35	+19 8.3	2.332	3.264	6.6	20.5
12 27	3 58.58	+19 17.8	2.404	3.267	9.7	20.7
1 6	3 53.82	+19 31.2	2.500	3.269	12.3	20.9

199250 2006 AE_{102} 11 29.1 26.°81 1.°4/28.6 18

10 28	4 46.14	+19 58.3	1.189	2.065	17.2	20.1
11 7	4 40.89	+19 32.2	1.141	2.074	12.4	19.8
11 17	4 32.68	+19 1.7	1.114	2.085	7.0	19.5
11 27	4 22.79	+18 29.5	1.110	2.096	1.7	19.3
12 7	4 12.89	+17 59.7	1.133	2.108	5.1	19.5
12 17	4 4.54	+17 36.9	1.180	2.121	10.4	19.9
12 27	3 58.95	+17 24.6	1.250	2.135	15.0	20.2
1 6	3 56.70	+17 24.6	1.339	2.150	18.9	20.5

115190 2003 SW_{105} 11 29.1 352.°08 9.°9/ 2.8 18

10 28	4 48.48	+43 0.4	1.327	2.146	19.2	18.6
11 7	4 43.46	+43 47.3	1.260	2.139	16.1	18.4
11 17	4 34.57	+44 7.8	1.212	2.133	12.8	18.2
11 27	4 23.17	+43 54.4	1.185	2.129	10.4	18.1
12 7	4 11.36	+43 5.7	1.181	2.126	10.2	18.1
12 17	4 1.30	+41 47.0	1.201	2.123	12.3	18.2
12 27	3 54.71	+40 10.3	1.244	2.122	15.6	18.4
1 6	3 52.35	+38 28.4	1.306	2.123	18.9	18.6

80577 2000 AQ_{120} 11 29.1 14.°31 0.°3/29.2 18

10 28	4 46.57	+24 55.3	1.177	2.048	17.7	18.4
11 7	4 41.40	+24 14.4	1.120	2.051	12.9	18.2
11 17	4 33.06	+23 20.9	1.084	2.054	7.3	17.9
11 27	4 22.87	+22 17.6	1.072	2.058	1.4	17.5
12 7	4 12.60	+21 10.3	1.085	2.062	4.7	17.8
12 17	4 3.92	+20 6.6	1.124	2.068	10.4	18.1
12 27	3 58.16	+19 13.8	1.185	2.074	15.4	18.4
1 6	3 55.93	+18 36.3	1.265	2.081	19.5	18.7

388555 2007 NE_{6} 11 29.1 92.°14 2.°1/29.6 18

10 28	4 53.12	+25 28.5	1.770	2.609	14.3	20.1
11 7	4 45.28	+26 8.8	1.717	2.630	10.4	19.9
11 17	4 34.94	+26 42.0	1.689	2.651	6.2	19.7
11 27	4 23.19	+27 5.6	1.689	2.671	2.4	19.5
12 7	4 11.39	+27 19.2	1.718	2.691	4.0	19.7
12 17	4 0.85	+27 24.7	1.776	2.711	8.0	20.0
12 27	3 52.67	+27 25.8	1.861	2.731	11.7	20.2
1 6	3 47.42	+27 26.5	1.968	2.750	14.7	20.5

220818 2004 TB_{302} 11 29.1 181.°26 0.°7/28.7 18

10 28	4 44.70	+21 19.4	2.598	3.438	10.2	20.3
11 7	4 38.61	+20 39.0	2.522	3.439	7.3	20.1
11 17	4 30.99	+19 53.8	2.473	3.439	4.1	19.9
11 27	4 22.51	+19 5.9	2.454	3.439	0.9	19.7
12 7	4 13.96	+18 17.8	2.465	3.439	3.0	19.8
12 17	4 6.13	+17 32.6	2.508	3.438	6.3	20.1
12 27	3 59.72	+16 53.5	2.579	3.436	9.3	20.3
1 6	3 55.18	+16 22.4	2.674	3.435	11.8	20.4

301961 2000 DF_{116} 11 29.1 306.°73 0.°0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.54	+23 31.6	1.635	2.492	14.3	20.0
11 7	4 40.21	+23 1.3	1.552	2.476	10.5	19.7
11 17	4 32.31	+22 22.2	1.492	2.460	6.0	19.4
11 27	4 22.77	+21 35.7	1.458	2.444	1.0	19.0
12 7	4 12.89	+20 45.2	1.453	2.429	4.0	19.2
12 17	4 4.00	+19 55.9	1.474	2.414	8.9	19.5
12 27	3 57.28	+19 13.1	1.521	2.399	13.3	19.7
1 6	3 53.46	+18 40.9	1.589	2.384	17.1	19.9

287746 2003 SR_{26} 11 29.1 61.°76 1.°4/29.5 18

10 28	4 52.35	+24 57.6	1.181	2.045	18.2	20.6
11 7	4 45.37	+24 59.9	1.139	2.065	13.2	20.3
11 17	4 35.16	+24 52.1	1.118	2.086	7.6	20.1
11 27	4 23.23	+24 33.9	1.122	2.107	2.0	19.8
12 7	4 11.44	+24 8.0	1.151	2.128	4.7	20.0
12 17	4 1.54	+23 39.6	1.206	2.149	10.0	20.4
12 27	3 54.77	+23 14.5	1.285	2.171	14.7	20.8
1 6	3 51.66	+22 57.3	1.383	2.192	18.5	21.1

486641 2013 PS 11 29.1 175.°40 1.°7/30.1 17

10 28	4 45.05	+29 27.7	3.036	3.856	9.4	22.6
11 7	4 38.78	+29 17.5	2.957	3.858	7.0	22.4
11 17	4 31.06	+28 59.4	2.905	3.860	4.3	22.2
11 27	4 22.53	+28 33.4	2.882	3.862	2.0	22.1
12 7	4 13.93	+28 0.7	2.891	3.863	2.7	22.1
12 17	4 5.99	+27 23.6	2.930	3.863	5.3	22.3
12 27	3 59.36	+26 45.1	2.999	3.863	7.9	22.5
1 6	3 54.48	+26 8.6	3.094	3.863	10.2	22.6

213306 2001 RR_{59} 11 29.1 68.°32 4.°1/30.4 18

10 28	4 50.68	+31 36.1	1.792	2.623	14.5	20.2
11 7	4 43.67	+32 13.6	1.737	2.640	11.0	20.0
11 17	4 34.10	+32 38.7	1.705	2.657	7.3	19.8
11 27	4 23.07	+32 48.7	1.701	2.674	4.4	19.7
12 7	4 11.95	+32 43.3	1.724	2.691	5.0	19.8
12 17	4 2.10	+32 25.5	1.776	2.708	8.2	20.0
12 27	3 54.61	+32 0.7	1.853	2.725	11.6	20.2
1 6	3 50.09	+31 34.5	1.953	2.742	14.6	20.5

514423 2016 UH_{2} 11 29.1 42.°84 4.°5/28.1 18

10 28	4 47.90	+11 52.8	1.304	2.171	16.6	20.6
11 7	4 41.90	+11 33.4	1.256	2.182	12.2	20.4
11 17	4 33.17	+11 20.0	1.229	2.193	7.6	20.2
11 27	4 22.91	+11 15.9	1.227	2.205	4.5	20.1
12 7	4 12.61	+11 23.6	1.251	2.217	6.6	20.2
12 17	4 3.71	+11 44.1	1.301	2.230	10.9	20.5
12 27	3 57.36	+12 17.2	1.374	2.243	15.1	20.8
1 6	3 54.15	+13 1.3	1.467	2.257	18.5	21.1

39164 2000 WG_{123} 11 29.1 56.°13 0.°0/28.9 18

10 28	4 50.07	+21 38.1	1.404	2.263	16.1	18.1
11 7	4 43.30	+21 42.1	1.361	2.286	11.5	17.9
11 17	4 33.87	+21 41.0	1.341	2.309	6.5	17.6
11 27	4 23.02	+21 35.2	1.347	2.333	1.1	17.4
12 7	4 12.29	+21 26.4	1.380	2.356	4.2	17.6
12 17	4 3.07	+21 17.8	1.440	2.380	9.0	18.0
12 27	3 56.47	+21 12.9	1.525	2.404	13.2	18.3
1 6	3 53.00	+21 14.1	1.630	2.428	16.6	18.6

25823 Dentrujillo 11 29.1 39.°72 1.°6/28.5 18

10 28	4 43.96	+18 6.1	1.899	2.755	12.6	18.0
11 7	4 38.45	+17 44.4	1.844	2.768	9.1	17.8
11 17	4 31.02	+17 21.2	1.813	2.781	5.1	17.6
11 27	4 22.54	+16 58.5	1.810	2.795	1.7	17.4
12 7	4 14.03	+16 38.7	1.836	2.809	4.0	17.6
12 17	4 6.50	+16 24.3	1.890	2.823	7.8	17.9
12 27	4 0.79	+16 17.3	1.970	2.838	11.2	18.1
1 6	3 57.38	+16 18.9	2.073	2.853	14.1	18.4

44099 1998 FT_{117} 11 29.1 285.°35 1.°9/29.7 18

10 28	4 49.48	+26 43.6	1.402	2.258	16.3	19.1
11 7	4 43.56	+26 41.2	1.322	2.244	12.2	18.8
11 17	4 34.44	+26 27.2	1.264	2.230	7.3	18.5
11 27	4 23.20	+26 0.7	1.232	2.216	2.5	18.2
12 7	4 11.46	+25 23.3	1.226	2.202	4.6	18.3
12 17	4 0.95	+24 40.0	1.246	2.188	9.9	18.5
12 27	3 53.14	+23 57.7	1.290	2.174	14.8	18.8
1 6	3 48.90	+23 22.6	1.355	2.161	19.0	19.0

252806 2002 GH_{4} 11 29.1 86.°36 17.°4/19.9 17

10 28	4 50.77	− 2 24.9	0.935	1.795	22.1	20.2
11 7	4 44.40	− 6 38.5	0.908	1.803	19.1	20.0
11 17	4 34.69	−10 24.7	0.903	1.812	17.5	20.0
11 27	4 23.18	−13 21.0	0.919	1.820	17.9	20.0
12 7	4 11.83	−15 13.8	0.956	1.828	20.0	20.2
12 17	4 2.39	−16 1.7	1.010	1.836	22.7	20.4
12 27	3 56.17	−15 52.6	1.079	1.844	25.3	20.7
1 6	3 53.69	−14 59.9	1.158	1.852	27.5	20.9

356175 2009 HK_{76} 11 29.1 151°.89 1°.4/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.86	+25 2.2	2.080	2.918	12.4	21.5
11 7	4 42.08	+25 23.7	2.009	2.922	9.1	21.3
11 17	4 33.16	+25 39.2	1.963	2.926	5.4	21.0
11 27	4 22.94	+25 47.7	1.945	2.929	1.8	20.8
12 7	4 12.52	+25 49.4	1.958	2.933	3.4	20.9
12 17	4 3.00	+25 46.0	2.000	2.936	7.2	21.2
12 27	3 55.37	+25 40.5	2.069	2.939	10.7	21.4
1 6	3 50.23	+25 36.3	2.162	2.941	13.7	21.6

487906 2015 TB_{183} 11 29.1 26°.80 2°.7/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.14	+28 9.9	1.796	2.637	13.9	21.2
11 7	4 41.91	+28 33.7	1.727	2.639	10.4	21.0
11 17	4 33.19	+28 48.3	1.682	2.641	6.5	20.7
11 27	4 22.96	+28 51.7	1.663	2.644	3.0	20.5
12 7	4 12.49	+28 44.4	1.674	2.646	4.2	20.6
12 17	4 3.09	+28 28.7	1.712	2.649	8.1	20.8
12 27	3 55.88	+28 9.2	1.776	2.652	11.8	21.1
1 6	3 51.50	+27 50.6	1.862	2.655	15.0	21.3

401602 2013 GT_{25} 11 29.1 334°.71 2°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.77	+13 21.5	1.837	2.687	13.3	20.2
11 7	4 41.43	+13 36.4	1.765	2.685	9.7	20.0
11 17	4 32.86	+13 55.6	1.719	2.683	5.8	19.8
11 27	4 22.91	+14 19.7	1.700	2.682	2.7	19.6
12 7	4 12.70	+14 49.3	1.710	2.680	4.6	19.7
12 17	4 3.38	+15 24.4	1.749	2.678	8.6	19.9
12 27	3 55.97	+16 5.1	1.814	2.677	12.3	20.2
1 6	3 51.11	+16 51.2	1.901	2.676	15.4	20.4

311864 2006 WY_{44} 11 29.1 156°.84 0°.2/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.29	+21 40.8	2.002	2.850	12.4	21.6
11 7	4 40.21	+21 28.9	1.932	2.852	9.0	21.4
11 17	4 32.09	+21 12.3	1.886	2.853	5.1	21.2
11 27	4 22.76	+20 52.1	1.868	2.854	0.9	20.9
12 7	4 13.29	+20 30.1	1.880	2.855	3.4	21.1
12 17	4 4.73	+20 9.2	1.921	2.856	7.5	21.3
12 27	3 58.00	+19 52.3	1.988	2.857	11.1	21.6
1 6	3 53.66	+19 42.0	2.078	2.858	14.1	21.8

48576 1994 NN_{2} 11 29.1 136°.35 5°.8/25.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.47	+ 9 27.6	1.898	2.741	13.3	19.5
11 7	4 42.23	+ 7 43.9	1.846	2.755	10.0	19.3
11 17	4 33.08	+ 6 4.0	1.820	2.770	7.0	19.1
11 27	4 22.93	+ 4 34.7	1.823	2.783	5.9	19.1
12 7	4 12.87	+ 3 21.8	1.857	2.795	7.5	19.2
12 17	4 3.91	+ 2 29.4	1.918	2.807	10.4	19.4
12 27	3 56.87	+ 1 58.7	2.005	2.818	13.3	19.6
1 6	3 52.21	+ 1 48.3	2.112	2.828	15.8	19.8

219091 1998 RF_{3} 11 29.1 50°.65 0°.4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.92	+25 24.8	1.178	2.045	18.0	19.4
11 7	4 43.40	+24 6.4	1.138	2.067	13.0	19.2
11 17	4 33.94	+22 34.9	1.120	2.089	7.2	19.0
11 27	4 23.07	+20 56.0	1.126	2.112	1.2	18.7
12 7	4 12.56	+19 18.5	1.160	2.136	4.8	19.0
12 17	4 3.93	+17 51.3	1.219	2.160	10.2	19.4
12 27	3 58.26	+16 41.5	1.302	2.184	14.8	19.7
1 6	3 55.95	+15 52.0	1.405	2.208	18.5	20.0

13000 1981 QK_{3} 11 29.1 61°.78 7°.6/ 2.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.81	+40 27.2	1.678	2.483	16.4	18.2
11 7	4 45.72	+41 13.5	1.620	2.494	13.3	18.0
11 17	4 35.49	+41 39.1	1.582	2.506	10.2	17.8
11 27	4 23.40	+41 39.0	1.570	2.517	8.0	17.7
12 7	4 11.15	+41 12.5	1.584	2.529	7.9	17.8
12 17	4 0.44	+40 24.0	1.624	2.541	10.1	17.9
12 27	3 52.62	+39 21.8	1.689	2.553	13.0	18.1
1 6	3 48.34	+38 15.2	1.775	2.565	15.8	18.4

443826 1999 XM_{187} 11 29.1 334°.63 8°.8/ 2.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.85	+41 39.8	1.402	2.222	18.3	19.8
11 7	4 42.88	+42 7.8	1.323	2.206	15.1	19.6
11 17	4 34.26	+42 10.6	1.264	2.192	11.8	19.3
11 27	4 23.23	+41 41.8	1.227	2.178	9.2	19.2
12 7	4 11.71	+40 40.4	1.215	2.166	9.1	19.1
12 17	4 1.74	+39 12.1	1.226	2.154	11.6	19.2
12 27	3 54.97	+37 28.1	1.261	2.144	15.1	19.4
1 6	3 52.23	+35 41.1	1.317	2.135	18.7	19.6

327077 2004 VW_{27} 11 29.1 100°.11 0°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.37	+24 15.9	2.205	3.047	11.7	19.8
11 7	4 39.32	+23 11.0	2.132	3.049	8.4	19.6
11 17	4 31.49	+21 57.4	2.085	3.051	4.7	19.4
11 27	4 22.69	+20 38.0	2.067	3.053	0.8	19.1
12 7	4 13.88	+19 17.2	2.080	3.055	3.3	19.3
12 17	4 5.98	+18 0.2	2.124	3.057	7.0	19.6
12 27	3 59.78	+16 51.6	2.196	3.059	10.4	19.8
1 6	3 55.75	+15 54.8	2.291	3.061	13.3	20.0

441094 2007 RO_{248} 11 29.1 115°.59 6°.9/26.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.03	+ 2 35.4	2.081	2.911	12.7	22.4
11 7	4 40.35	+ 1 30.8	2.038	2.931	10.1	22.2
11 17	4 32.00	+ 0 36.7	2.019	2.951	7.8	22.1
11 27	4 22.78	− 0 2.0	2.029	2.970	6.9	22.1
12 7	4 13.64	− 0 22.4	2.067	2.989	8.0	22.2
12 17	4 5.45	− 0 23.3	2.132	3.006	10.2	22.4
12 27	3 58.95	− 0 5.8	2.222	3.024	12.6	22.6
1 6	3 54.58	+ 0 27.4	2.333	3.040	14.7	22.8

486401 2013 EX_{70} 11 29.1 357°.10 5°.3/27.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.54	+11 23.7	1.397	2.268	15.5	21.0
11 7	4 38.79	+10 34.9	1.337	2.264	11.6	20.7
11 17	4 31.52	+ 9 50.5	1.299	2.262	7.5	20.5
11 27	4 22.73	+ 9 15.9	1.286	2.260	5.3	20.4
12 7	4 13.76	+ 8 55.5	1.299	2.260	7.3	20.5
12 17	4 5.91	+ 8 52.3	1.336	2.260	11.2	20.7
12 27	4 0.32	+ 9 6.9	1.397	2.261	15.2	20.9
1 6	3 57.62	+ 9 37.7	1.477	2.263	18.6	21.2

339014 2004 GC_{77} 11 29.1 196°.37 9°.8/23.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.94	− 3 46.8	2.029	2.842	13.7	21.8
11 7	4 40.53	− 5 29.6	1.971	2.839	11.6	21.6
11 17	4 32.24	− 6 58.7	1.937	2.836	10.1	21.5
11 27	4 22.85	− 8 6.5	1.930	2.832	9.8	21.5
12 7	4 13.32	− 8 48.2	1.949	2.827	10.9	21.6
12 17	4 4.64	− 9 1.7	1.994	2.821	12.9	21.7
12 27	3 57.64	− 8 48.3	2.061	2.815	15.0	21.9
1 6	3 52.88	− 8 12.0	2.145	2.808	17.0	22.0

255335 2005 WC_{52} 11 29.1 52°.91 0°.2/29.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.48	+22 0.8	1.916	2.767	12.8	21.1
11 7	4 39.66	+21 45.3	1.852	2.774	9.2	20.9
11 17	4 31.80	+21 24.7	1.814	2.781	5.2	20.6
11 27	4 22.77	+21 0.4	1.803	2.789	0.9	20.4
12 7	4 13.66	+20 34.5	1.821	2.796	3.5	20.6
12 17	4 5.53	+20 10.1	1.867	2.804	7.5	20.8
12 27	3 59.29	+19 50.3	1.940	2.812	11.2	21.1
1 6	3 55.47	+19 37.6	2.035	2.820	14.2	21.3

392385 2010 JZ_{33} 11 29.1 201°.56 1°.4/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.16	+18 28.7	2.234	3.077	11.5	21.7
11 7	4 40.68	+18 2.0	2.155	3.073	8.3	21.5
11 17	4 32.34	+17 32.7	2.102	3.068	4.8	21.3
11 27	4 22.87	+17 2.5	2.078	3.063	1.6	21.0
12 7	4 13.24	+16 33.9	2.085	3.057	3.7	21.2
12 17	4 4.39	+16 9.5	2.122	3.050	7.4	21.4
12 27	3 57.18	+15 52.0	2.186	3.043	10.7	21.6
1 6	3 52.15	+15 43.0	2.274	3.036	13.6	21.8

463445 2013 NN_{13} 11 29.1 62°.81 2°.3/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.15	+14 55.5	2.179	3.029	11.5	20.9
11 7	4 38.43	+14 42.0	2.120	3.040	8.3	20.7
11 17	4 31.01	+14 29.7	2.087	3.052	4.9	20.5
11 27	4 22.63	+14 20.4	2.082	3.064	2.3	20.4
12 7	4 14.21	+14 15.7	2.107	3.075	4.1	20.5
12 17	4 6.61	+14 17.1	2.161	3.087	7.3	20.8
12 27	4 0.60	+14 25.7	2.241	3.099	10.4	21.0
1 6	3 56.64	+14 41.8	2.344	3.111	13.1	21.2

426512 2013 RV_{41} 11 29.1 98°.52 5°.4/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.44	+33 42.4	1.446	2.276	17.3	21.3
11 7	4 48.32	+34 17.2	1.395	2.295	13.3	21.1
11 17	4 36.93	+34 34.5	1.366	2.314	9.0	20.9
11 27	4 23.68	+34 30.1	1.362	2.332	5.7	20.8
12 7	4 10.44	+34 4.5	1.385	2.350	6.3	20.8
12 17	3 58.98	+33 22.8	1.435	2.368	9.8	21.1
12 27	3 50.65	+32 33.7	1.510	2.385	13.6	21.4
1 6	3 46.05	+31 45.2	1.606	2.401	17.0	21.6

411025 2009 UY_{107} 11 29.1 334°.89 1°.5/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.42	+19 30.4	2.069	2.922	11.9	21.0
11 7	4 38.10	+18 47.9	1.996	2.919	8.6	20.8
11 17	4 30.90	+18 1.3	1.948	2.915	4.9	20.6
11 27	4 22.63	+17 13.3	1.928	2.912	1.6	20.4
12 7	4 14.23	+16 27.3	1.937	2.910	3.8	20.5
12 17	4 6.66	+15 47.0	1.976	2.907	7.6	20.7
12 27	4 0.76	+15 15.4	2.041	2.905	11.1	21.0
1 6	3 57.05	+14 54.5	2.128	2.902	14.0	21.2

523216 2016 VM_{21} 11 29.1 95°.73 7°.1/26.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.69	+ 0 40.8	2.086	2.913	12.8	21.2
11 7	4 39.48	+ 0 7.6	2.036	2.927	10.2	21.0
11 17	4 31.57	− 0 13.2	2.011	2.940	8.0	20.9
11 27	4 22.74	− 0 17.8	2.013	2.953	7.1	20.9
12 7	4 13.91	− 0 4.5	2.042	2.965	8.0	21.0
12 17	4 5.95	+ 0 26.8	2.099	2.978	10.1	21.1
12 27	3 59.63	+ 1 14.2	2.180	2.991	12.5	21.3
1 6	3 55.41	+ 2 14.5	2.283	3.003	14.7	21.5

458561 2011 ED_{54} 11 29.1 248°.17 1°.6/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.74	+25 59.0	2.479	3.313	10.8	21.2
11 7	4 39.68	+26 21.0	2.399	3.310	8.0	21.0
11 17	4 31.81	+26 37.5	2.345	3.306	4.8	20.8
11 27	4 22.81	+26 47.6	2.320	3.303	1.9	20.5
12 7	4 13.57	+26 51.3	2.325	3.299	3.1	20.6
12 17	4 5.02	+26 49.9	2.360	3.295	6.3	20.8
12 27	3 57.98	+26 45.9	2.423	3.291	9.4	21.0
1 6	3 53.02	+26 42.1	2.510	3.288	12.0	21.2

84755 2002 XZ_{18} 11 29.1 204°.01 0°.5/28.9 18

10 28	4 48.37	+18 52.8	2.191	3.033	11.8	19.4
11 7	4 41.67	+19 12.1	2.113	3.030	8.5	19.2
11 17	4 32.97	+19 30.6	2.061	3.027	4.8	19.0
11 27	4 23.02	+19 48.0	2.038	3.024	1.0	18.7
12 7	4 12.80	+20 4.7	2.045	3.020	3.3	18.9
12 17	4 3.35	+20 21.3	2.083	3.016	7.1	19.1
12 27	3 55.57	+20 39.4	2.148	3.012	10.6	19.3
1 6	3 50.09	+21 0.3	2.237	3.008	13.5	19.5

71802 2000 SO_{272} 11 29.1 119°.97 1°.7/29.7 18

10 28	4 52.99	+26 10.6	1.480	2.327	16.1	20.4
11 7	4 45.63	+26 13.5	1.421	2.339	11.8	20.1
11 17	4 35.36	+26 6.2	1.386	2.350	6.9	19.9
11 27	4 23.43	+25 47.9	1.376	2.361	2.2	19.6
12 7	4 11.42	+25 20.5	1.395	2.371	4.3	19.8
12 17	4 0.89	+24 48.4	1.441	2.381	9.1	20.1
12 27	3 53.08	+24 17.5	1.513	2.390	13.4	20.4
1 6	3 48.60	+23 52.5	1.605	2.399	17.0	20.6

436435 2011 BP_{87} 11 29.1 195°.32 0°.6/29.4 18

10 28	4 50.31	+24 31.1	2.077	2.913	12.5	22.7
11 7	4 43.14	+24 14.1	1.997	2.911	9.1	22.4
11 17	4 33.80	+23 49.5	1.943	2.907	5.3	22.2
11 27	4 23.16	+23 17.7	1.917	2.903	1.2	21.9
12 7	4 12.34	+22 41.0	1.922	2.898	3.3	22.1
12 17	4 2.45	+22 2.7	1.957	2.892	7.4	22.3
12 27	3 54.47	+21 27.1	2.020	2.885	11.1	22.5
1 6	3 49.01	+20 57.9	2.106	2.878	14.2	22.7

244993 2004 BE_{140} 11 29.1 249°.65 2°.3/28.3 18

10 28	4 46.14	+16 10.4	1.864	2.718	13.0	21.2
11 7	4 40.23	+15 49.0	1.793	2.715	9.4	21.0
11 17	4 32.20	+15 27.3	1.746	2.713	5.5	20.7
11 27	4 22.88	+15 7.6	1.727	2.710	2.4	20.5
12 7	4 13.37	+14 52.3	1.737	2.707	4.5	20.7
12 17	4 4.77	+14 43.8	1.775	2.704	8.5	20.9
12 27	3 58.03	+14 44.1	1.838	2.701	12.2	21.1
1 6	3 53.76	+14 54.0	1.924	2.698	15.3	21.3

24538 Charliexie 11 29.1 255°.58 0°.0/29.0 18

10 28	4 50.62	+21 14.5	1.463	2.320	15.7	19.0
11 7	4 44.15	+21 26.4	1.391	2.315	11.5	18.7
11 17	4 34.70	+21 34.4	1.342	2.310	6.5	18.5
11 27	4 23.35	+21 38.2	1.318	2.305	1.2	18.1
12 7	4 11.61	+21 38.4	1.323	2.299	4.3	18.3
12 17	4 1.04	+21 37.4	1.354	2.294	9.5	18.6
12 27	3 53.01	+21 38.7	1.410	2.288	14.2	18.8
1 6	3 48.31	+21 45.5	1.487	2.283	18.0	19.1

99182 2001 FW_{178} 11 29.1 12°.53 8°.2/27.5 18

10 28	4 46.81	+ 1 24.4	1.524	2.368	15.8	18.1
11 7	4 40.93	+ 1 0.6	1.467	2.370	12.6	18.0
11 17	4 32.65	+ 0 52.7	1.433	2.372	9.7	17.8
11 27	4 22.97	+ 1 5.7	1.423	2.374	8.3	17.7
12 7	4 13.13	+ 1 41.5	1.440	2.377	9.4	17.8
12 17	4 4.39	+ 2 39.0	1.481	2.380	12.3	18.0
12 27	3 57.81	+ 3 55.0	1.546	2.384	15.4	18.2
1 6	3 53.99	+ 5 24.4	1.631	2.388	18.3	18.4

131395 2001 KS_{61} 11 29.1 183°.90 5°.4/25.6 18

10 28	4 41.91	+ 2 40.7	2.996	3.820	9.4	20.5
11 7	4 36.46	+ 1 39.6	2.931	3.820	7.5	20.4
11 17	4 29.80	+ 0 45.1	2.892	3.820	5.9	20.3
11 27	4 22.45	+ 0 0.7	2.883	3.819	5.4	20.2
12 7	4 15.03	− 0 30.7	2.903	3.818	6.3	20.3
12 17	4 8.16	− 0 47.8	2.951	3.816	8.0	20.4
12 27	4 2.37	− 0 50.3	3.026	3.814	9.9	20.6
1 6	3 58.07	− 0 39.1	3.122	3.811	11.7	20.7

450698 2006 WZ_{109} 11 29.1 24°.69 1°.3/28.7 17

10 28	4 45.91	+18 36.8	1.761	2.618	13.5	21.3
11 7	4 40.15	+18 28.7	1.697	2.621	9.7	21.1
11 17	4 32.17	+18 18.8	1.656	2.624	5.5	20.8
11 27	4 22.88	+18 8.5	1.642	2.627	1.5	20.6
12 7	4 13.44	+17 59.6	1.657	2.631	4.0	20.8
12 17	4 4.99	+17 54.4	1.699	2.635	8.3	21.0
12 27	3 58.53	+17 55.2	1.767	2.639	12.1	21.3
1 6	3 54.65	+18 3.4	1.857	2.643	15.3	21.5

281239 2007 KD_5 11 29.1 82°.38 0°.2/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.91	+21 48.8	1.667	2.516	14.5	20.9
11 7	4 43.57	+21 36.0	1.622	2.543	10.4	20.7
11 17	4 33.95	+21 17.8	1.602	2.569	5.8	20.5
11 27	4 23.17	+20 55.6	1.609	2.595	1.0	20.3
12 7	4 12.53	+20 31.7	1.645	2.620	3.8	20.5
12 17	4 3.26	+20 9.5	1.709	2.646	8.2	20.8
12 27	3 56.29	+19 52.5	1.800	2.670	12.0	21.1
1 6	3 52.11	+19 43.0	1.912	2.695	15.1	21.4

133053 2003 EB_{17} 11 29.1 170°.52 16°.2/21.6 17

10 28	4 49.70	− 6 30.4	1.159	1.995	20.3	19.9
11 7	4 43.45	− 9 26.5	1.121	1.996	17.9	19.8
11 17	4 34.21	−11 56.8	1.104	1.998	16.4	19.7
11 27	4 23.25	−13 45.6	1.109	1.999	16.4	19.7
12 7	4 12.20	−14 43.6	1.134	1.999	18.0	19.8
12 17	4 2.66	−14 49.6	1.178	2.000	20.3	20.0
12 27	3 55.88	−14 9.3	1.239	2.000	22.8	20.2
1 6	3 52.51	−12 53.2	1.312	1.999	25.1	20.3

91972 1999 VW_{92} 11 29.1 349°.46 4°.6/30.6 17

10 28	4 48.33	+33 0.6	1.906	2.734	13.8	18.9
11 7	4 42.19	+33 43.5	1.833	2.731	10.7	18.7
11 17	4 33.49	+34 14.5	1.782	2.729	7.4	18.5
11 27	4 23.15	+34 30.2	1.758	2.727	4.9	18.3
12 7	4 12.47	+34 29.9	1.762	2.725	5.4	18.3
12 17	4 2.78	+34 15.3	1.794	2.724	8.3	18.5
12 27	3 55.27	+33 51.5	1.852	2.723	11.6	18.7
1 6	3 50.65	+33 24.3	1.932	2.722	14.6	18.9

274438 2008 SM_{41} 11 29.1 17°.01 7°.8/ 1.7 17

10 28	4 48.87	+39 32.8	1.669	2.483	16.1	19.6
11 7	4 42.99	+40 39.2	1.611	2.491	13.1	19.4
11 17	4 34.07	+41 27.0	1.575	2.500	10.1	19.2
11 27	4 23.25	+41 50.6	1.563	2.510	8.1	19.1
12 7	4 12.14	+41 48.5	1.577	2.521	8.1	19.2
12 17	4 2.39	+41 23.5	1.616	2.533	10.2	19.3
12 27	3 55.34	+40 42.7	1.680	2.545	13.0	19.5
1 6	3 51.71	+39 54.6	1.765	2.559	15.7	19.7

86896 2000 HP_{37} 11 29.1 37°.58 12°.3/27.6 18

10 28	4 47.43	− 3 30.1	1.110	1.961	20.0	18.2
11 7	4 41.54	− 4 26.9	1.086	1.983	16.5	18.1
11 17	4 32.94	− 4 56.2	1.081	2.006	13.6	18.0
11 27	4 23.00	− 4 51.0	1.097	2.030	12.3	18.0
12 7	4 13.32	− 4 10.1	1.136	2.056	13.3	18.1
12 17	4 5.31	− 2 57.4	1.197	2.082	15.7	18.3
12 27	4 0.00	− 1 20.2	1.277	2.108	18.5	18.6
1 6	3 57.86	+ 0 32.5	1.376	2.135	21.0	18.9

80767 2000 CN_{60} 11 29.1 295°.16 3°.9/27.7 18

10 28	4 47.01	+14 50.8	1.452	2.317	15.4	19.4
11 7	4 41.32	+13 57.4	1.385	2.311	11.3	19.1
11 17	4 33.00	+13 3.5	1.340	2.306	6.9	18.9
11 27	4 23.06	+12 13.8	1.321	2.300	4.0	18.7
12 7	4 12.90	+11 33.4	1.329	2.295	6.4	18.8
12 17	4 3.88	+11 6.9	1.363	2.290	10.8	19.0
12 27	3 57.18	+10 56.8	1.421	2.285	15.0	19.3
1 6	3 53.49	+11 3.3	1.498	2.280	18.6	19.5

359696 2011 SD_{210} 11 29.1 51°.00 9°.4/25.9 18

10 28	4 44.97	+ 0 6.0	1.590	2.432	15.4	20.5
11 7	4 39.35	− 1 10.6	1.549	2.445	12.5	20.3
11 17	4 31.64	− 2 11.5	1.531	2.458	10.2	20.2
11 27	4 22.80	− 2 49.9	1.537	2.471	9.4	20.2
12 7	4 13.99	− 3 1.8	1.568	2.484	10.6	20.3
12 17	4 6.30	− 2 47.0	1.624	2.498	12.9	20.5
12 27	4 0.63	− 2 7.8	1.702	2.512	15.5	20.7
1 6	3 57.48	− 1 9.2	1.799	2.526	17.9	20.9

320403 2007 UD_{115} 11 29.1 35°.19 2°.0/29.6 18

10 28	4 51.55	+25 33.3	1.281	2.140	17.3	21.1
11 7	4 45.13	+25 52.3	1.218	2.141	12.8	20.8
11 17	4 35.36	+26 2.0	1.176	2.142	7.6	20.6
11 27	4 23.50	+26 0.6	1.160	2.144	2.6	20.3
12 7	4 11.32	+25 48.6	1.169	2.146	4.8	20.4
12 17	4 0.65	+25 29.9	1.205	2.147	10.1	20.7
12 27	3 52.95	+25 10.4	1.264	2.149	14.9	21.0
1 6	3 48.99	+24 55.6	1.343	2.151	19.0	21.3

400952 2010 VO_{125} 11 29.1 29°.96 1°.5/28.6 18

10 28	4 44.91	+18 30.4	1.826	2.683	13.1	20.8
11 7	4 39.34	+18 11.4	1.763	2.688	9.4	20.6
11 17	4 31.69	+17 50.3	1.725	2.693	5.4	20.4
11 27	4 22.82	+17 29.0	1.713	2.698	1.6	20.1
12 7	4 13.85	+17 9.9	1.730	2.704	4.0	20.3
12 17	4 5.86	+16 55.7	1.775	2.709	8.1	20.6
12 27	3 59.75	+16 48.8	1.846	2.716	11.8	20.8
1 6	3 56.10	+16 50.5	1.939	2.722	14.9	21.0

518672 2008 TD_{181} 11 29.1 96°.89 5°.7/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.43	+38 55.6	2.550	3.334	12.0	21.5
11 7	4 45.41	+40 3.2	2.489	3.352	9.7	21.3
11 17	4 35.13	+40 57.3	2.453	3.370	7.4	21.2
11 27	4 23.45	+41 33.9	2.446	3.387	5.9	21.2
12 7	4 11.51	+41 51.5	2.468	3.405	6.0	21.2
12 17	4 0.48	+41 51.4	2.519	3.421	7.7	21.3
12 27	3 51.40	+41 37.7	2.598	3.438	9.8	21.5
1 6	3 44.90	+41 16.1	2.700	3.455	11.8	21.7

158818 2003 UK_{125} 11 29.1 70°.96 0°.1/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.95	+21 2.4	2.156	3.001	11.8	19.6
11 7	4 39.82	+21 7.6	2.097	3.015	8.5	19.4
11 17	4 31.85	+21 9.7	2.063	3.029	4.8	19.2
11 27	4 22.85	+21 9.0	2.058	3.044	0.8	18.9
12 7	4 13.79	+21 6.5	2.082	3.058	3.1	19.1
12 17	4 5.62	+21 3.9	2.136	3.072	6.8	19.4
12 27	3 59.15	+21 3.4	2.217	3.086	10.1	19.6
1 6	3 54.88	+21 6.9	2.322	3.100	12.9	19.8

189335 2007 HS_{61} 11 29.1 328°.53 3°.6/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.65	+10 59.4	2.088	2.936	12.0	19.8
11 7	4 38.97	+10 46.2	2.018	2.934	8.9	19.6
11 17	4 31.43	+10 37.5	1.973	2.932	5.7	19.4
11 27	4 22.80	+10 35.5	1.955	2.930	3.6	19.2
12 7	4 13.99	+10 41.8	1.967	2.928	5.1	19.3
12 17	4 5.95	+10 57.7	2.007	2.927	8.3	19.5
12 27	3 59.51	+11 23.2	2.074	2.925	11.5	19.7
1 6	3 55.23	+11 57.8	2.162	2.924	14.2	19.9

474597 2004 RW_{40} 11 29.1 46°.00 5°.9/27.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.61	+10 24.8	1.330	2.197	16.3	21.1
11 7	4 40.88	+ 9 25.8	1.287	2.211	12.2	20.9
11 17	4 32.62	+ 8 33.3	1.266	2.226	8.1	20.7
11 27	4 23.00	+ 7 53.3	1.270	2.241	5.9	20.6
12 7	4 13.44	+ 7 30.3	1.299	2.257	7.8	20.8
12 17	4 5.27	+ 7 26.6	1.354	2.273	11.6	21.0
12 27	3 59.51	+ 7 42.0	1.432	2.289	15.3	21.3
1 6	3 56.70	+ 8 13.9	1.529	2.306	18.5	21.6

77223 2001 FP_{29} 11 29.1 277°.21 0°.1/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.52	+20 30.4	1.786	2.637	13.6	19.4
11 7	4 42.32	+20 44.4	1.702	2.623	9.9	19.2
11 17	4 33.60	+20 56.2	1.641	2.608	5.7	18.9
11 27	4 23.23	+21 5.3	1.608	2.594	1.0	18.6
12 7	4 12.40	+21 12.1	1.603	2.579	3.8	18.7
12 17	4 2.41	+21 18.3	1.628	2.565	8.4	19.0
12 27	3 54.45	+21 26.4	1.678	2.550	12.6	19.2
1 6	3 49.28	+21 38.6	1.750	2.536	16.1	19.4

483271 2015 TT_{195} 11 29.1 7°.01 8°.2/ 2.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.58	+43 55.9	1.823	2.611	16.0	20.5
11 7	4 44.87	+44 25.6	1.752	2.611	13.3	20.3
11 17	4 35.10	+44 33.0	1.702	2.611	10.6	20.1
11 27	4 23.47	+44 12.9	1.676	2.612	8.6	20.0
12 7	4 11.64	+43 25.1	1.676	2.613	8.4	20.0
12 17	4 1.27	+42 13.9	1.702	2.614	10.1	20.1
12 27	3 53.66	+40 48.2	1.754	2.615	12.7	20.3
1 6	3 49.50	+39 17.6	1.827	2.616	15.4	20.4

13592 1994 JU 11 29.1 150°.12 2°.4/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.75	+16 59.7	1.854	2.702	13.3	19.1
11 7	4 42.70	+16 17.9	1.792	2.712	9.6	18.9
11 17	4 33.53	+15 34.3	1.755	2.720	5.6	18.6
11 27	4 23.17	+14 51.9	1.746	2.728	2.5	18.5
12 7	4 12.78	+14 14.1	1.767	2.736	4.7	18.6
12 17	4 3.47	+13 44.5	1.817	2.743	8.6	18.9
12 27	3 56.17	+13 25.7	1.893	2.749	12.2	19.1
1 6	3 51.41	+13 18.8	1.991	2.754	15.2	19.3

329072 2011 BB_{11} 11 29.1 236°.54 2°.4/28.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.70	+15 0.2	2.342	3.190	10.9	21.2
11 7	4 38.15	+14 32.3	2.267	3.185	7.9	21.1
11 17	4 30.93	+14 4.6	2.216	3.180	4.7	20.8
11 27	4 22.72	+13 39.4	2.195	3.175	2.4	20.7
12 7	4 14.36	+13 19.0	2.204	3.170	4.1	20.8
12 17	4 6.69	+13 5.5	2.242	3.165	7.3	21.0
12 27	4 0.47	+13 0.6	2.306	3.160	10.4	21.2
1 6	3 56.20	+13 4.8	2.394	3.154	13.0	21.4

231123 2005 SD_{216} 11 29.1 42°.97 1°.2/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.81	+20 0.2	1.169	2.042	17.7	20.0
11 7	4 42.81	+19 41.7	1.128	2.060	12.7	19.8
11 17	4 33.82	+19 19.1	1.108	2.079	7.1	19.5
11 27	4 23.22	+18 54.7	1.113	2.099	1.6	19.3
12 7	4 12.74	+18 32.1	1.143	2.119	5.0	19.5
12 17	4 3.95	+18 15.2	1.198	2.140	10.3	19.9
12 27	3 58.05	+18 7.6	1.276	2.161	14.9	20.2
1 6	3 55.55	+18 10.6	1.374	2.182	18.6	20.5

226482 2003 ST_{197} 11 29.1 29°.75 1°.1/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 44.50	+19 11.6	1.766	2.625	13.3	19.8
11 7	4 39.07	+19 0.7	1.710	2.635	9.6	19.6
11 17	4 31.54	+18 47.5	1.678	2.647	5.4	19.4
11 27	4 22.83	+18 33.5	1.673	2.659	1.3	19.1
12 7	4 14.06	+18 20.8	1.696	2.671	3.9	19.3
12 17	4 6.32	+18 11.7	1.747	2.684	8.0	19.6
12 27	4 0.53	+18 8.7	1.824	2.698	11.7	19.9
1 6	3 57.22	+18 13.0	1.923	2.712	14.8	20.1

153075 2000 QR_{222} 11 29.1 132°.42 3°.8/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.91	+32 11.0	2.069	2.885	13.3	20.7
11 7	4 45.82	+32 41.1	2.007	2.901	10.1	20.5
11 17	4 35.35	+32 59.0	1.969	2.917	6.7	20.3
11 27	4 23.51	+33 2.3	1.959	2.931	4.1	20.2
12 7	4 11.57	+32 51.0	1.980	2.945	4.7	20.2
12 17	4 0.80	+32 27.9	2.030	2.959	7.6	20.4
12 27	3 52.22	+31 58.1	2.107	2.971	10.8	20.7
1 6	3 46.43	+31 27.0	2.208	2.983	13.6	20.9

95604 2002 FG_{30} 11 29.1 330°.90 1°.0/29.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.97	+24 14.6	1.931	2.779	12.9	19.5
11 7	4 40.24	+24 22.8	1.855	2.774	9.4	19.3
11 17	4 32.31	+24 25.1	1.804	2.770	5.5	19.0
11 27	4 23.00	+24 21.1	1.781	2.766	1.5	18.8
12 7	4 13.44	+24 11.8	1.786	2.762	3.4	18.9
12 17	4 4.76	+23 59.4	1.819	2.758	7.5	19.1
12 27	3 57.98	+23 47.3	1.879	2.755	11.3	19.4
1 6	3 53.73	+23 38.7	1.962	2.752	14.5	19.6

474264 2001 TV_{84} 11 29.1 49°.29 1°.7/29.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.77	+24 58.6	1.205	2.068	17.9	21.2
11 7	4 44.96	+25 15.3	1.167	2.092	13.0	21.0
11 17	4 35.03	+25 22.5	1.150	2.117	7.6	20.8
11 27	4 23.45	+25 19.0	1.158	2.143	2.3	20.5
12 7	4 12.04	+25 6.8	1.192	2.169	4.6	20.8
12 17	4 2.46	+24 49.9	1.252	2.195	9.7	21.1
12 27	3 55.93	+24 33.9	1.335	2.222	14.2	21.5
1 6	3 52.96	+24 23.1	1.438	2.248	17.8	21.8

306216 2011 QN_{32} 11 29.1 58°.28 1°.8/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.36	+17 49.2	1.606	2.465	14.4	20.4
11 7	4 41.28	+17 32.2	1.551	2.476	10.4	20.2
11 17	4 32.85	+17 13.8	1.518	2.486	5.9	20.0
11 27	4 23.09	+16 56.1	1.513	2.497	2.0	19.7
12 7	4 13.27	+16 41.5	1.535	2.509	4.5	19.9
12 17	4 4.63	+16 32.7	1.585	2.520	8.8	20.2
12 27	3 58.18	+16 31.9	1.660	2.531	12.8	20.5
1 6	3 54.48	+16 40.3	1.756	2.543	16.1	20.7

69545 1997 JF_{10} 11 29.1 311°.09 1°.2/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.74	+20 5.5	1.571	2.433	14.5	18.9
11 7	4 40.48	+19 40.0	1.492	2.419	10.6	18.7
11 17	4 32.61	+19 9.6	1.435	2.405	6.0	18.4
11 27	4 23.08	+18 36.3	1.405	2.391	1.5	18.0
12 7	4 13.18	+18 3.5	1.403	2.378	4.5	18.2
12 17	4 4.28	+17 35.1	1.427	2.365	9.3	18.5
12 27	3 57.56	+17 15.2	1.476	2.352	13.8	18.7
1 6	3 53.77	+17 6.3	1.545	2.340	17.5	18.9

367800 2011 AE_{28} 11 29.1 181°.23 3°.4/27.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.98	+10 46.8	2.401	3.244	10.8	21.0
11 7	4 38.28	+10 28.2	2.331	3.244	8.0	20.9
11 17	4 30.99	+10 13.4	2.286	3.244	5.2	20.7
11 27	4 22.76	+10 4.5	2.271	3.244	3.4	20.6
12 7	4 14.42	+10 3.3	2.285	3.244	4.8	20.7
12 17	4 6.74	+10 11.0	2.329	3.244	7.6	20.8
12 27	4 0.47	+10 28.1	2.399	3.243	10.4	21.0
1 6	3 56.09	+10 54.1	2.493	3.243	12.8	21.2

266874 2009 VA_{33} 11 29.1 185°.60 2°.1/29.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.84	+27 20.2	2.523	3.350	10.9	20.4
11 7	4 41.23	+27 54.1	2.444	3.350	8.1	20.2
11 17	4 32.74	+28 21.9	2.392	3.349	5.0	20.0
11 27	4 23.09	+28 42.1	2.369	3.349	2.4	19.9
12 7	4 13.19	+28 54.2	2.377	3.348	3.3	19.9
12 17	4 3.97	+28 59.2	2.415	3.347	6.3	20.1
12 27	3 56.31	+28 59.5	2.481	3.346	9.3	20.3
1 6	3 50.78	+28 58.3	2.572	3.345	11.9	20.5

57193 2001 QF_{34} 11 29.1 35°.19 0°.1/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.29	+21 59.9	1.080	1.957	18.5	18.7
11 7	4 42.66	+21 50.2	1.042	1.975	13.3	18.4
11 17	4 33.82	+21 34.0	1.023	1.994	7.5	18.2
11 27	4 23.26	+21 12.5	1.028	2.014	1.3	17.9
12 7	4 12.83	+20 49.4	1.058	2.036	4.8	18.2
12 17	4 4.23	+20 29.0	1.113	2.058	10.4	18.6
12 27	3 58.67	+20 16.0	1.190	2.081	15.2	18.9
1 6	3 56.69	+20 12.8	1.286	2.104	19.1	19.2

286909 2002 PY_{73} 11 29.1 33°.58 10°.5/25.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 44.20	+ 1 19.4	1.262	2.122	17.5	19.2
11 7	4 39.07	− 0 22.8	1.235	2.142	14.1	19.0
11 17	4 31.56	− 1 46.2	1.230	2.164	11.4	18.9
11 27	4 22.85	− 2 42.0	1.247	2.186	10.6	18.9
12 7	4 14.32	− 3 5.4	1.288	2.209	11.9	19.1
12 17	4 7.19	− 2 56.4	1.351	2.233	14.5	19.3
12 27	4 2.42	− 2 18.8	1.435	2.258	17.2	19.6
1 6	4 0.43	− 1 19.1	1.537	2.283	19.7	19.8

451834 2013 JO_{18} 11 29.1 285°.25 1°.0/29.4 17

10 28	4 47.79	+23 30.3	1.953	2.798	12.8	21.3
11 7	4 41.63	+23 53.4	1.872	2.789	9.4	21.1
11 17	4 33.15	+24 12.1	1.815	2.780	5.5	20.9
11 27	4 23.19	+24 25.4	1.787	2.772	1.5	20.6
12 7	4 12.86	+24 33.2	1.787	2.763	3.5	20.7
12 17	4 3.35	+24 36.8	1.816	2.754	7.7	20.9
12 27	3 55.74	+24 39.2	1.872	2.745	11.5	21.2
1 6	3 50.73	+24 43.1	1.951	2.737	14.7	21.4

156895 2003 EX_{24} 11 29.1 113°.27 9°.7/25.9 18

10 28	4 47.34	− 2 6.0	1.706	2.534	15.2	20.0
11 7	4 41.00	− 3 17.7	1.661	2.545	12.5	19.9
11 17	4 32.59	− 4 12.8	1.639	2.555	10.4	19.8
11 27	4 23.05	− 4 44.7	1.642	2.565	9.7	19.8
12 7	4 13.51	− 4 49.9	1.670	2.575	10.8	19.8
12 17	4 5.06	− 4 28.2	1.724	2.585	13.0	20.0
12 27	3 58.58	− 3 42.4	1.799	2.594	15.4	20.2
1 6	3 54.59	− 2 37.4	1.894	2.603	17.6	20.4

44519 1998 XY_{91} 11 29.1 343°.46 1°.6/30.0 17

10 28	4 44.35	+29 37.6	1.787	2.632	13.8	17.8
11 7	4 39.18	+28 43.9	1.708	2.623	10.3	17.5
11 17	4 31.72	+27 34.9	1.652	2.615	6.2	17.3
11 27	4 22.91	+26 12.4	1.624	2.607	2.1	17.0
12 7	4 13.98	+24 41.1	1.624	2.601	3.6	17.1
12 17	4 6.13	+23 7.9	1.653	2.595	7.9	17.3
12 27	4 0.35	+21 40.1	1.709	2.589	11.9	17.6
1 6	3 57.22	+20 23.7	1.787	2.585	15.4	17.8

96612 1999 CZ_{3} 11 29.1 171°.93 1°.7/28.6 18 R

10 28	4 51.25	+18 40.9	1.530	2.384	15.2	19.2
11 7	4 44.32	+18 19.5	1.464	2.387	11.1	18.9
11 17	4 34.70	+17 55.1	1.421	2.389	6.3	18.6
11 27	4 23.45	+17 29.5	1.406	2.391	1.9	18.4
12 7	4 12.03	+17 5.9	1.418	2.392	4.7	18.6
12 17	4 1.84	+16 47.7	1.458	2.392	9.5	18.8
12 27	3 54.07	+16 38.2	1.524	2.392	13.9	19.1
1 6	3 49.39	+16 39.2	1.609	2.392	17.5	19.3

262653 2006 WM_{70} 11 29.1 104°.89 1°.4/29.7 18

10 28	4 48.03	+25 41.5	1.991	2.832	12.8	21.2
11 7	4 41.57	+25 47.1	1.926	2.840	9.4	21.0
11 17	4 32.97	+25 45.4	1.885	2.849	5.5	20.8
11 27	4 23.14	+25 36.0	1.873	2.857	1.8	20.6
12 7	4 13.19	+25 20.0	1.890	2.865	3.4	20.7
12 17	4 4.24	+25 0.1	1.936	2.873	7.3	21.0
12 27	3 57.24	+24 40.1	2.009	2.881	10.8	21.2
1 6	3 52.74	+24 23.4	2.104	2.889	13.8	21.4

405294 2003 TK_{17} 11 29.1 185°.17 12°.8/30.7 18

10 28	5 6.16	+43 24.7	1.290	2.087	20.9	20.7
11 7	4 57.60	+45 51.1	1.228	2.087	17.7	20.5
11 17	4 43.51	+47 55.8	1.185	2.087	14.8	20.3
11 27	4 25.19	+49 22.5	1.165	2.087	13.0	20.2
12 7	4 5.40	+50 0.9	1.170	2.086	13.3	20.2
12 17	3 47.52	+49 52.2	1.197	2.085	15.4	20.3
12 27	3 34.36	+49 8.9	1.246	2.084	18.4	20.5
1 6	3 27.18	+48 7.9	1.312	2.082	21.3	20.7

409397 2005 EF_{202} 11 29.1 316°.71 4°.8/30.1 18

10 28	4 49.11	+32 11.9	1.976	2.802	13.5	20.2
11 7	4 42.98	+33 16.4	1.886	2.784	10.5	20.0
11 17	4 34.15	+34 12.3	1.819	2.765	7.3	19.7
11 27	4 23.42	+34 54.9	1.780	2.747	5.0	19.6
12 7	4 12.03	+35 21.7	1.769	2.730	5.7	19.6
12 17	4 1.36	+35 32.8	1.786	2.712	8.6	19.7
12 27	3 52.73	+35 31.7	1.829	2.696	12.0	19.9
1 6	3 47.03	+35 23.9	1.894	2.679	15.1	20.1

435068 2006 YF_{43} 11 29.1 226°.26 1°.9/28.7 18

10 28	4 49.92	+16 40.8	1.590	2.445	14.7	21.4
11 7	4 43.39	+16 40.7	1.519	2.442	10.8	21.1
11 17	4 34.22	+16 41.1	1.471	2.438	6.2	20.9
11 27	4 23.40	+16 43.1	1.450	2.434	2.1	20.6
12 7	4 12.26	+16 48.1	1.457	2.430	4.7	20.7
12 17	4 2.19	+16 57.7	1.492	2.426	9.3	21.0
12 27	3 54.39	+17 13.9	1.552	2.422	13.6	21.3
1 6	3 49.57	+17 37.7	1.633	2.417	17.2	21.5

452100 2014 QD_{99} 11 29.1 59°.54 4°.7/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 43.95	+ 9 57.2	1.979	2.830	12.4	20.9
11 7	4 38.46	+ 9 5.9	1.919	2.835	9.3	20.7
11 17	4 31.15	+ 8 18.9	1.885	2.841	6.3	20.5
11 27	4 22.82	+ 7 40.5	1.878	2.846	4.7	20.4
12 7	4 14.43	+ 7 14.0	1.899	2.852	6.2	20.5
12 17	4 6.91	+ 7 1.6	1.949	2.858	9.2	20.7
12 27	4 1.05	+ 7 4.0	2.023	2.864	12.2	20.9
1 6	3 57.37	+ 7 20.4	2.119	2.870	14.8	21.1

179333 2001 XX_{8} 11 29.1 18°.98 2°.3/29.9 18 R

10 28	4 47.76	+27 5.6	1.811	2.655	13.7	19.8
11 7	4 41.68	+27 27.9	1.742	2.657	10.2	19.6
11 17	4 33.19	+27 41.9	1.697	2.659	6.2	19.4
11 27	4 23.21	+27 46.2	1.679	2.661	2.6	19.1
12 7	4 13.00	+27 41.0	1.689	2.663	4.0	19.2
12 17	4 3.81	+27 28.8	1.728	2.666	7.9	19.5
12 27	3 56.74	+27 13.5	1.792	2.669	11.7	19.7
1 6	3 52.45	+26 59.5	1.879	2.672	14.9	19.9

311810 2006 UV_{194} 11 29.1 23°.34 3°.0/27.9 17

10 28	4 44.66	+16 45.4	1.588	2.452	14.3	20.7
11 7	4 39.37	+15 51.7	1.530	2.457	10.4	20.4
11 17	4 31.80	+14 56.2	1.495	2.462	6.1	20.2
11 27	4 22.96	+14 3.2	1.486	2.468	3.0	20.0
12 7	4 14.04	+13 17.3	1.506	2.474	5.3	20.2
12 17	4 6.25	+12 42.7	1.552	2.481	9.5	20.5
12 27	4 0.55	+12 22.2	1.622	2.488	13.3	20.7
1 6	3 57.50	+12 16.4	1.714	2.496	16.5	20.9

408004 2012 DX_{92} 11 29.1 345°.01 0°.9/29.5 17

10 28	4 45.87	+24 43.6	1.923	2.770	12.9	21.8
11 7	4 40.16	+24 41.1	1.849	2.768	9.4	21.6
11 17	4 32.26	+24 31.6	1.801	2.766	5.5	21.3
11 27	4 23.05	+24 15.3	1.779	2.764	1.5	21.1
12 7	4 13.64	+23 53.8	1.787	2.763	3.4	21.2
12 17	4 5.15	+23 29.9	1.822	2.762	7.5	21.5
12 27	3 58.57	+23 7.5	1.885	2.761	11.3	21.7
1 6	3 54.51	+22 49.7	1.970	2.760	14.4	21.9

440075 2002 SV_{24} 11 29.1 35°.33 6°.4/27.2 18

10 28	4 45.48	+ 9 54.3	1.247	2.119	16.9	19.8
11 7	4 40.05	+ 8 45.2	1.217	2.143	12.6	19.6
11 17	4 32.14	+ 7 44.6	1.208	2.167	8.5	19.5
11 27	4 23.00	+ 6 59.1	1.223	2.192	6.4	19.4
12 7	4 14.07	+ 6 33.3	1.263	2.219	8.2	19.6
12 17	4 6.63	+ 6 28.9	1.328	2.246	11.8	19.9
12 27	4 1.64	+ 6 45.1	1.416	2.273	15.4	20.2
1 6	3 59.55	+ 7 18.4	1.522	2.302	18.4	20.5

141647 2002 JT_{62} 11 29.1 204°.17 3°.4/28.0 18

10 28	4 49.88	+14 30.2	1.634	2.487	14.5	20.5
11 7	4 43.23	+13 56.3	1.563	2.484	10.7	20.2
11 17	4 34.09	+13 23.1	1.516	2.481	6.5	20.0
11 27	4 23.41	+12 53.8	1.497	2.476	3.4	19.8
12 7	4 12.50	+12 32.0	1.505	2.472	5.6	19.9
12 17	4 2.65	+12 20.6	1.541	2.467	9.9	20.1
12 27	3 54.99	+12 21.6	1.602	2.461	13.9	20.4
1 6	3 50.18	+12 35.4	1.684	2.455	17.3	20.6

347020 2010 EV_{20} 11 29.1 153°.87 2°.1/29.9 18

10 28	4 49.50	+27 58.4	1.780	2.620	14.1	20.9
11 7	4 42.93	+27 53.8	1.710	2.623	10.5	20.7
11 17	4 33.88	+27 38.6	1.664	2.626	6.3	20.5
11 27	4 23.37	+27 12.0	1.645	2.628	2.5	20.3
12 7	4 12.70	+26 36.1	1.655	2.630	3.9	20.4
12 17	4 3.17	+25 54.9	1.693	2.632	8.0	20.6
12 27	3 55.87	+25 13.7	1.758	2.634	11.9	20.8
1 6	3 51.42	+24 37.6	1.845	2.635	15.2	21.1

266551 2008 GA_{15} 11 29.1 136°.12 0°.0/29.0 18

10 28	4 51.50	+22 36.6	1.814	2.657	13.8	21.6
11 7	4 44.12	+22 24.3	1.753	2.670	10.0	21.4
11 17	4 34.43	+22 6.0	1.717	2.683	5.6	21.2
11 27	4 23.45	+21 42.4	1.709	2.695	1.0	20.9
12 7	4 12.44	+21 15.8	1.730	2.706	3.6	21.1
12 17	4 2.60	+20 49.4	1.781	2.716	8.0	21.4
12 27	3 54.93	+20 27.2	1.858	2.726	11.8	21.6
1 6	3 50.00	+20 12.0	1.958	2.735	15.0	21.9

274088 2008 BT_{49} 11 29.1 201°.29 1°.9/28.6 18

10 28	4 50.79	+16 40.4	1.708	2.558	14.1	21.3
11 7	4 43.88	+16 35.8	1.635	2.555	10.3	21.1
11 17	4 34.47	+16 31.4	1.586	2.552	6.0	20.8
11 27	4 23.50	+16 28.1	1.564	2.548	2.1	20.5
12 7	4 12.23	+16 27.8	1.572	2.544	4.5	20.7
12 17	4 1.99	+16 32.2	1.608	2.539	9.0	21.0
12 27	3 53.90	+16 43.3	1.670	2.534	13.1	21.2
1 6	3 48.65	+17 2.2	1.753	2.529	16.5	21.4

516236 2016 UO_{39} 11 29.1 330°.36 3°.6/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.93	+29 17.2	1.350	2.205	16.8	21.2
11 7	4 42.68	+29 37.4	1.276	2.195	12.7	20.9
11 17	4 34.15	+29 44.9	1.223	2.184	8.1	20.6
11 27	4 23.47	+29 36.9	1.195	2.175	4.0	20.3
12 7	4 12.29	+29 13.7	1.192	2.166	5.3	20.4
12 17	4 2.40	+28 39.3	1.215	2.158	10.0	20.6
12 27	3 55.30	+28 0.8	1.261	2.150	14.7	20.9
1 6	3 51.86	+27 25.2	1.327	2.144	18.7	21.1

79008 4306 P–L 11 29.1 353°.86 0°.4/29.3 18

10 28	4 45.29	+23 31.4	1.380	2.246	15.9	19.4
11 7	4 40.39	+23 18.9	1.314	2.242	11.6	19.2
11 17	4 32.66	+22 58.4	1.269	2.238	6.7	18.9
11 27	4 23.18	+22 30.8	1.249	2.235	1.3	18.5
12 7	4 13.43	+21 59.0	1.256	2.234	4.2	18.7
12 17	4 4.92	+21 27.5	1.289	2.233	9.4	19.0
12 27	3 58.90	+21 1.3	1.345	2.232	14.1	19.3
1 6	3 56.08	+20 44.0	1.422	2.233	17.9	19.5

513628 2011 LM_{8} 11 29.1 221°.57 1°.2/28.8 18

10 28	4 49.03	+19 28.7	1.818	2.667	13.4	22.1
11 7	4 42.53	+19 10.9	1.740	2.661	9.8	21.9
11 17	4 33.68	+18 49.7	1.687	2.654	5.6	21.6
11 27	4 23.36	+18 26.4	1.661	2.646	1.4	21.3
12 7	4 12.76	+18 3.4	1.664	2.638	4.1	21.5
12 17	4 3.11	+17 43.9	1.696	2.630	8.5	21.7
12 27	3 55.47	+17 30.9	1.754	2.621	12.5	22.0
1 6	3 50.51	+17 26.6	1.834	2.611	15.8	22.2

89312 2001 VE_{37} 11 29.1 45°.51 1°.0/28.8 18

10 28	4 47.89	+21 39.7	1.349	2.214	16.2	19.0
11 7	4 42.02	+21 0.7	1.296	2.225	11.7	18.7
11 17	4 33.42	+20 14.7	1.266	2.236	6.6	18.5
11 27	4 23.29	+19 24.8	1.261	2.247	1.4	18.2
12 7	4 13.17	+18 35.8	1.283	2.259	4.6	18.4
12 17	4 4.50	+17 53.0	1.332	2.271	9.7	18.7
12 27	3 58.41	+17 21.1	1.404	2.284	14.1	19.0
1 6	3 55.46	+17 2.4	1.497	2.297	17.7	19.3

473688 2015 XM_{380} 11 29.2 20°.18 5°.7/27.0 18

10 28	4 43.17	+ 6 1.6	1.989	2.836	12.6	20.1
11 7	4 37.93	+ 5 22.7	1.930	2.839	9.7	19.9
11 17	4 30.90	+ 4 51.9	1.895	2.843	7.0	19.8
11 27	4 22.85	+ 4 33.1	1.887	2.846	5.7	19.7
12 7	4 14.69	+ 4 29.1	1.907	2.850	7.0	19.8
12 17	4 7.36	+ 4 40.8	1.954	2.855	9.6	20.0
12 27	4 1.65	+ 5 7.9	2.025	2.860	12.4	20.2
1 6	3 58.07	+ 5 48.3	2.118	2.865	14.9	20.3

485634 2011 UA_{398} 11 29.2 6°.16 1°.0/29.5 17

10 28	4 44.46	+25 36.3	1.321	2.188	16.4	21.0
11 7	4 39.82	+25 14.2	1.261	2.189	12.0	20.7
11 17	4 32.32	+24 41.0	1.222	2.190	7.0	20.5
11 27	4 23.12	+23 57.9	1.207	2.193	1.7	20.1
12 7	4 13.76	+23 8.8	1.219	2.197	4.3	20.3
12 17	4 5.77	+22 19.5	1.256	2.202	9.4	20.6
12 27	4 0.35	+21 36.3	1.317	2.208	14.1	20.9
1 6	3 58.15	+21 3.5	1.398	2.215	17.9	21.2

264828 2002 PS_{187} 11 29.2 99°.56 0°.3/29.3 18

10 28	4 45.47	+23 26.0	2.444	3.283	10.8	21.6
11 7	4 39.35	+23 17.5	2.383	3.298	7.8	21.4
11 17	4 31.60	+23 4.0	2.348	3.313	4.4	21.2
11 27	4 22.97	+22 46.1	2.342	3.328	0.9	21.0
12 7	4 14.32	+22 25.5	2.367	3.343	2.8	21.2
12 17	4 6.47	+22 4.3	2.422	3.357	6.1	21.4
12 27	4 0.16	+21 45.3	2.504	3.371	9.2	21.6
1 6	3 55.83	+21 30.6	2.611	3.385	11.7	21.8

323208 2003 SL_{10} 11 29.2 188°.06 5°.5/26.1 18

10 28	4 42.74	+ 6 9.4	2.354	3.194	11.1	20.9
11 7	4 37.41	+ 5 2.7	2.290	3.194	8.6	20.7
11 17	4 30.53	+ 4 1.8	2.251	3.194	6.4	20.6
11 27	4 22.79	+ 3 11.0	2.241	3.193	5.5	20.5
12 7	4 14.95	+ 2 33.9	2.259	3.193	6.7	20.6
12 17	4 7.81	+ 2 12.8	2.305	3.192	9.0	20.7
12 27	4 2.05	+ 2 8.2	2.377	3.191	11.5	20.9
1 6	3 58.13	+ 2 19.0	2.470	3.190	13.7	21.1

509010 2005 LD_{2} 11 29.2 184°.50 1°.9/28.2 18

10 28	4 46.35	+15 11.6	2.824	3.658	9.6	23.2
11 7	4 39.82	+14 52.3	2.746	3.659	7.0	23.0
11 17	4 31.85	+14 33.0	2.696	3.658	4.1	22.8
11 27	4 23.03	+14 15.5	2.676	3.657	2.0	22.7
12 7	4 14.10	+14 1.2	2.689	3.655	3.5	22.8
12 17	4 5.78	+13 51.7	2.732	3.652	6.3	23.0
12 27	3 58.72	+13 48.5	2.803	3.649	9.0	23.2
1 6	3 53.40	+13 52.2	2.900	3.644	11.3	23.3

76117 2000 DM_{110} 11 29.2 157°.40 0°.9/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 44.24	+19 1.2	2.558	3.400	10.2	20.1
11 7	4 38.46	+18 49.3	2.486	3.403	7.4	19.9
11 17	4 31.14	+18 35.5	2.440	3.406	4.2	19.7
11 27	4 22.92	+18 20.9	2.424	3.409	1.1	19.4
12 7	4 14.58	+18 6.9	2.438	3.412	3.0	19.6
12 17	4 6.93	+17 55.4	2.483	3.414	6.3	19.8
12 27	4 0.65	+17 48.3	2.555	3.416	9.2	20.0
1 6	3 56.23	+17 46.8	2.652	3.418	11.7	20.2

11767 Milne 11 29.2 315°.74 5°.6/30.6 18

10 28	4 52.27	+32 42.8	1.343	2.186	17.7	18.4
11 7	4 46.00	+33 27.3	1.273	2.181	13.7	18.1
11 17	4 36.13	+33 56.4	1.224	2.176	9.4	17.9
11 27	4 23.87	+34 5.0	1.200	2.172	6.0	17.6
12 7	4 11.09	+33 51.4	1.200	2.168	6.7	17.7
12 17	3 59.77	+33 19.3	1.227	2.163	10.6	17.9
12 27	3 51.56	+32 36.9	1.277	2.160	15.0	18.1
1 6	3 47.33	+31 53.2	1.346	2.156	18.9	18.4

172690 2003 YC_{175} 11 29.2 83°.74 1°.7/28.7 18

10 28	4 48.19	+17 3.1	1.795	2.647	13.5	20.2
11 7	4 41.74	+16 59.6	1.737	2.659	9.7	20.0
11 17	4 33.13	+16 56.0	1.704	2.671	5.6	19.7
11 27	4 23.28	+16 53.4	1.698	2.683	1.8	19.5
12 7	4 13.36	+16 53.3	1.722	2.695	4.1	19.7
12 17	4 4.50	+16 57.5	1.774	2.706	8.2	20.0
12 27	3 57.65	+17 7.5	1.851	2.718	11.9	20.2
1 6	3 53.36	+17 24.3	1.951	2.730	15.0	20.5

188929 2007 CA_{9} 11 29.2 9°.01 1°.3/28.7 18

10 28	4 45.47	+18 42.2	1.923	2.776	12.7	20.9
11 7	4 39.79	+18 24.5	1.854	2.776	9.2	20.7
11 17	4 32.05	+18 4.7	1.809	2.776	5.2	20.4
11 27	4 23.10	+17 44.3	1.792	2.777	1.5	20.2
12 7	4 13.99	+17 25.6	1.804	2.778	3.9	20.4
12 17	4 5.78	+17 11.0	1.844	2.778	7.9	20.6
12 27	3 59.38	+17 3.2	1.911	2.779	11.5	20.8
1 6	3 55.37	+17 3.5	2.000	2.780	14.6	21.0

46173 2001 FQ_{92} 11 29.2 97°.91 7°.7/26.9 18

10 28	4 47.37	+ 0 32.7	1.896	2.726	13.8	18.6
11 7	4 40.86	− 0 12.2	1.852	2.743	11.1	18.4
11 17	4 32.50	− 0 43.5	1.832	2.760	8.7	18.3
11 27	4 23.16	− 0 56.7	1.838	2.777	7.7	18.3
12 7	4 13.87	− 0 49.7	1.871	2.793	8.7	18.4
12 17	4 5.58	− 0 22.4	1.931	2.809	11.0	18.6
12 27	3 59.10	+ 0 23.1	2.016	2.825	13.4	18.8
1 6	3 54.91	+ 1 22.9	2.120	2.840	15.7	19.0

367005 2006 AL_{61} 11 29.2 89°.13 2°.7/30.5 18

10 28	4 47.08	+31 15.9	2.193	3.020	12.3	20.5
11 7	4 40.78	+31 5.6	2.127	3.030	9.2	20.4
11 17	4 32.52	+30 43.7	2.086	3.040	5.9	20.2
11 27	4 23.18	+30 10.0	2.073	3.051	3.0	20.0
12 7	4 13.80	+29 26.3	2.089	3.061	3.7	20.1
12 17	4 5.43	+28 36.3	2.135	3.071	6.8	20.3
12 27	3 58.89	+27 45.1	2.208	3.081	10.0	20.5
1 6	3 54.72	+26 57.1	2.305	3.091	12.7	20.7

493974 2016 AG_{73} 11 29.2 309°.22 0°.9/29.7 17

10 28	4 44.12	+26 17.3	2.349	3.187	11.2	21.1
11 7	4 38.58	+25 51.4	2.270	3.184	8.2	20.9
11 17	4 31.28	+25 17.3	2.218	3.181	4.8	20.7
11 27	4 22.96	+24 36.1	2.193	3.178	1.3	20.4
12 7	4 14.53	+23 50.1	2.199	3.175	2.9	20.5
12 17	4 6.87	+23 2.7	2.235	3.172	6.4	20.7
12 27	4 0.78	+22 17.7	2.298	3.170	9.7	20.9
1 6	3 56.78	+21 38.5	2.385	3.167	12.5	21.1

94437 2001 TO_{53} 11 29.2 87°.38 2°.8/28.3 17

10 28	4 50.69	+17 37.3	1.249	2.116	17.2	20.4
11 7	4 44.23	+16 56.9	1.196	2.125	12.5	20.2
11 17	4 34.77	+16 14.0	1.164	2.133	7.2	19.9
11 27	4 23.60	+15 32.5	1.158	2.141	2.9	19.7
12 7	4 12.38	+14 57.2	1.178	2.150	5.8	19.9
12 17	4 2.70	+14 32.5	1.223	2.158	10.9	20.2
12 27	3 55.80	+14 21.8	1.292	2.166	15.5	20.5
1 6	3 52.31	+14 25.7	1.380	2.174	19.3	20.8

399986 2006 BY_{276} 11 29.2 100°.00 6°.2/ 2.4 17

10 28	4 49.97	+41 37.2	2.325	3.108	13.0	21.0
11 7	4 43.11	+42 1.9	2.255	3.115	10.6	20.8
11 17	4 33.96	+42 9.6	2.208	3.122	8.2	20.7
11 27	4 23.46	+41 57.4	2.188	3.129	6.5	20.6
12 7	4 12.84	+41 25.1	2.196	3.136	6.4	20.6
12 17	4 3.30	+40 36.0	2.232	3.143	8.0	20.7
12 27	3 55.86	+39 35.9	2.294	3.150	10.3	20.9
1 6	3 51.09	+38 31.4	2.380	3.156	12.6	21.0

201360 2002 TO_{242} 11 29.2 273°.40 4°.2/26.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 42.65	+11 4.8	2.409	3.255	10.7	19.7
11 7	4 37.37	+ 9 47.0	2.335	3.248	8.0	19.6
11 17	4 30.56	+ 8 30.3	2.287	3.242	5.4	19.4
11 27	4 22.85	+ 7 19.2	2.269	3.235	4.2	19.3
12 7	4 15.04	+ 6 17.9	2.280	3.228	5.7	19.4
12 17	4 7.88	+ 5 30.0	2.321	3.221	8.3	19.5
12 27	4 2.09	+ 4 57.4	2.388	3.215	11.0	19.7
1 6	3 58.13	+ 4 40.2	2.477	3.208	13.4	19.9

128145 2003 QL_{61} 11 29.2 62°.92 5°.7/26.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.66	+ 5 23.0	2.122	2.963	12.1	19.2
11 7	4 38.16	+ 4 42.0	2.067	2.972	9.3	19.1
11 17	4 31.01	+ 4 9.3	2.037	2.981	6.8	18.9
11 27	4 22.93	+ 3 48.4	2.035	2.991	5.7	18.9
12 7	4 14.81	+ 3 42.1	2.061	3.000	6.8	19.0
12 17	4 7.49	+ 3 51.1	2.114	3.009	9.3	19.1
12 27	4 1.72	+ 4 15.2	2.192	3.019	11.9	19.3
1 6	3 57.96	+ 4 52.2	2.292	3.028	14.2	19.5

60521 2000 EM_{34} 11 29.2 97°.04 7°.0/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.74	+ 2 10.8	1.917	2.751	13.5	18.3
11 7	4 40.48	+ 1 34.7	1.866	2.762	10.7	18.1
11 17	4 32.34	+ 1 10.7	1.839	2.774	8.2	18.0
11 27	4 23.17	+ 1 2.8	1.839	2.786	7.0	18.0
12 7	4 13.98	+ 1 13.3	1.867	2.797	8.1	18.1
12 17	4 5.74	+ 1 42.1	1.921	2.809	10.5	18.2
12 27	3 59.27	+ 2 27.5	2.000	2.820	13.1	18.4
1 6	3 55.07	+ 3 26.4	2.100	2.831	15.5	18.6

162121 1998 SD_{61} 11 29.2 64°.75 3°.5/27.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.19	+16 6.3	1.611	2.470	14.4	19.4
11 7	4 41.00	+14 53.7	1.565	2.489	10.4	19.2
11 17	4 32.66	+13 40.3	1.543	2.508	6.2	19.0
11 27	4 23.22	+12 31.3	1.549	2.528	3.5	18.9
12 7	4 13.90	+11 32.1	1.583	2.548	5.7	19.1
12 17	4 5.84	+10 47.0	1.644	2.567	9.5	19.4
12 27	3 59.91	+10 18.5	1.730	2.587	13.1	19.6
1 6	3 56.59	+10 6.5	1.837	2.606	16.1	19.9

212199 2005 GW_{129} 11 29.2 359°.25 0°.8/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.06	+22 16.1	1.696	2.547	14.2	20.0
11 7	4 42.77	+22 42.9	1.625	2.546	10.4	19.7
11 17	4 33.94	+23 6.1	1.579	2.546	6.0	19.5
11 27	4 23.50	+23 24.4	1.560	2.545	1.4	19.2
12 7	4 12.74	+23 37.7	1.569	2.546	3.8	19.4
12 17	4 3.01	+23 47.3	1.607	2.546	8.3	19.6
12 27	3 55.47	+23 56.1	1.670	2.546	12.4	19.9
1 6	3 50.82	+24 6.9	1.755	2.547	15.8	20.1

69932 1998 UK 11 29.2 138°.43 2°.2/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.07	+16 3.1	2.545	3.388	10.3	20.2
11 7	4 38.27	+15 17.0	2.479	3.397	7.4	20.1
11 17	4 31.00	+14 30.0	2.441	3.405	4.4	19.9
11 27	4 22.93	+13 44.8	2.432	3.412	2.3	19.8
12 7	4 14.83	+13 4.2	2.454	3.420	3.9	19.9
12 17	4 7.45	+12 30.7	2.506	3.427	6.8	20.1
12 27	4 1.45	+12 6.4	2.585	3.433	9.6	20.3
1 6	3 57.24	+11 52.2	2.688	3.440	12.0	20.5

520321 2014 GU_{59} 11 29.2 182°.57 4°.6/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.58	+31 45.3	1.836	2.662	14.4	21.5
11 7	4 45.45	+32 40.6	1.763	2.662	11.0	21.2
11 17	4 35.54	+33 25.1	1.714	2.662	7.5	21.0
11 27	4 23.80	+33 54.5	1.692	2.662	4.8	20.9
12 7	4 11.64	+34 7.1	1.698	2.662	5.5	20.9
12 17	4 0.54	+34 4.4	1.733	2.662	8.7	21.1
12 27	3 51.77	+33 51.1	1.793	2.661	12.1	21.3
1 6	3 46.13	+33 33.4	1.876	2.661	15.2	21.5

481539 2007 PG_{20} 11 29.2 65°.83 9°.0/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.81	− 0 14.0	1.560	2.396	16.0	20.1
11 7	4 42.03	− 1 7.9	1.532	2.425	12.8	20.0
11 17	4 33.18	− 1 44.3	1.525	2.453	10.1	19.9
11 27	4 23.31	− 1 58.0	1.544	2.481	9.0	19.9
12 7	4 13.65	− 1 46.8	1.588	2.509	10.0	20.1
12 17	4 5.31	− 1 12.0	1.658	2.537	12.4	20.3
12 27	3 59.13	− 0 16.8	1.751	2.565	14.9	20.5
1 6	3 55.54	+ 0 53.4	1.863	2.593	17.2	20.7

441024 2007 EX_{173} 11 29.2 203°.00 2°.6/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.16	+29 2.1	1.914	2.746	13.6	22.2
11 7	4 44.16	+29 9.1	1.836	2.743	10.2	22.0
11 17	4 34.67	+29 5.5	1.781	2.739	6.4	21.7
11 27	4 23.63	+28 49.8	1.754	2.734	2.9	21.5
12 7	4 12.32	+28 22.8	1.756	2.729	4.0	21.6
12 17	4 2.04	+27 48.0	1.787	2.723	7.9	21.8
12 27	3 53.90	+27 10.5	1.845	2.717	11.7	22.0
1 6	3 48.59	+26 35.5	1.926	2.711	14.9	22.2

310228 2011 SF_{233} 11 29.2 336°.39 9°.9/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 43.48	+ 9 21.0	1.285	2.158	16.4	19.3
11 7	4 39.09	+ 5 49.4	1.216	2.138	12.9	19.0
11 17	4 31.97	+ 2 12.2	1.171	2.118	10.3	18.8
11 27	4 23.16	− 1 13.0	1.155	2.101	10.4	18.8
12 7	4 14.04	− 4 8.9	1.165	2.084	13.1	18.9
12 17	4 6.04	− 6 23.0	1.199	2.069	16.8	19.1
12 27	4 0.40	− 7 50.8	1.253	2.055	20.4	19.3
1 6	3 57.81	− 8 35.4	1.322	2.043	23.5	19.5

352977 2009 BK_{67} 11 29.2 281°.92 1°.2/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.85	+19 41.2	1.771	2.625	13.5	21.6
11 7	4 41.13	+19 19.7	1.686	2.609	9.9	21.4
11 17	4 33.01	+18 54.1	1.626	2.594	5.6	21.1
11 27	4 23.35	+18 26.2	1.593	2.578	1.5	20.8
12 7	4 13.32	+17 58.7	1.588	2.562	4.1	20.9
12 17	4 4.15	+17 34.9	1.611	2.546	8.7	21.2
12 27	3 56.97	+17 18.3	1.660	2.531	12.8	21.4
1 6	3 52.47	+17 11.3	1.730	2.515	16.3	21.6

382498 2001 QM_{150} 11 29.2 62°.36 2°.3/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.69	+17 10.0	1.328	2.192	16.6	20.5
11 7	4 43.89	+16 49.3	1.288	2.215	11.9	20.3
11 17	4 34.43	+16 28.2	1.270	2.239	6.8	20.1
11 27	4 23.57	+16 9.1	1.278	2.262	2.5	19.9
12 7	4 12.87	+15 55.0	1.313	2.286	5.1	20.1
12 17	4 3.73	+15 48.6	1.375	2.310	9.8	20.4
12 27	3 57.23	+15 52.0	1.460	2.334	14.0	20.8
1 6	3 53.88	+16 5.7	1.565	2.357	17.5	21.1

55532 2001 WG_2 11 29.2 271°.97 8°.4/27.5 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 8.77	+ 0 8.7	1.818	2.607	16.0	20.2
11 7	4 57.80	− 0 11.9	1.688	2.559	13.1	19.9
11 17	4 43.08	− 0 18.2	1.583	2.508	10.1	19.6
11 27	4 25.34	− 0 3.7	1.508	2.454	8.4	19.4
12 7	4 5.96	+ 0 35.9	1.467	2.397	10.0	19.4
12 17	3 46.78	+ 1 41.4	1.460	2.336	13.9	19.5
12 27	3 29.67	+ 3 10.1	1.482	2.273	18.3	19.6
1 6	3 15.94	+ 4 56.6	1.527	2.206	22.4	19.7

479560 2014 CB_4 11 29.2 228°.22 2°.4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.50	+16 9.6	1.682	2.537	14.1	21.4
11 7	4 42.27	+15 49.9	1.610	2.533	10.3	21.1
11 17	4 33.62	+15 30.2	1.562	2.529	6.0	20.9
11 27	4 23.47	+15 12.5	1.541	2.524	2.5	20.6
12 7	4 13.07	+14 59.4	1.549	2.520	4.9	20.8
12 17	4 3.66	+14 53.6	1.584	2.515	9.2	21.0
12 27	3 56.35	+14 57.0	1.645	2.510	13.2	21.2
1 6	3 51.81	+15 10.6	1.726	2.505	16.6	21.5

11626 Church Stretton 11 29.2 351°.69 3°.3/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.79	+27 25.6	1.196	2.059	18.0	17.4
11 7	4 44.27	+27 57.8	1.132	2.056	13.5	17.1
11 17	4 35.20	+28 19.1	1.088	2.053	8.4	16.8
11 27	4 23.80	+28 26.3	1.068	2.050	3.7	16.6
12 7	4 11.94	+28 18.9	1.074	2.049	5.4	16.7
12 17	4 1.58	+28 0.7	1.104	2.048	10.6	16.9
12 27	3 54.33	+27 38.2	1.156	2.048	15.5	17.2
1 6	3 51.03	+27 18.2	1.228	2.048	19.7	17.5

117732 2005 GA_{20} 11 29.2 296°.97 2°.1/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.06	+18 20.0	1.670	2.529	14.0	20.0
11 7	4 40.71	+17 44.6	1.583	2.509	10.2	19.8
11 17	4 32.86	+17 5.2	1.520	2.488	5.9	19.5
11 27	4 23.36	+16 24.6	1.483	2.467	2.2	19.2
12 7	4 13.43	+15 46.5	1.474	2.446	4.8	19.3
12 17	4 4.36	+15 15.1	1.492	2.425	9.4	19.5
12 27	3 57.32	+14 54.2	1.535	2.405	13.7	19.7
1 6	3 53.08	+14 46.0	1.599	2.385	17.4	19.9

234324 2001 DR_{36} 11 29.2 305°.81 6°.1/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.84	+ 7 59.3	1.604	2.460	14.6	19.9
11 7	4 40.41	+ 7 16.6	1.533	2.449	11.2	19.7
11 17	4 32.61	+ 6 41.1	1.485	2.439	7.8	19.4
11 27	4 23.31	+ 6 17.7	1.462	2.429	6.1	19.3
12 7	4 13.70	+ 6 10.3	1.467	2.419	7.7	19.4
12 17	4 5.03	+ 6 21.0	1.497	2.409	11.2	19.6
12 27	3 58.38	+ 6 49.7	1.551	2.400	14.8	19.8
1 6	3 54.43	+ 7 34.2	1.625	2.391	18.0	20.0

324699 2007 ED_{75} 11 29.2 155°.43 3°.3/30.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.01	+32 27.7	2.448	3.264	11.5	20.8
11 7	4 41.48	+32 46.5	2.374	3.268	8.8	20.6
11 17	4 33.00	+32 54.9	2.325	3.272	5.9	20.5
11 27	4 23.36	+32 51.4	2.304	3.275	3.6	20.3
12 7	4 13.55	+32 36.2	2.313	3.279	4.0	20.4
12 17	4 4.57	+32 11.4	2.351	3.282	6.6	20.5
12 27	3 57.28	+31 41.1	2.418	3.284	9.5	20.7
1 6	3 52.27	+31 9.6	2.508	3.287	12.0	20.9

212407 2006 KE_{27} 11 29.2 122°.08 0°.2/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.35	+22 10.8	1.476	2.327	15.9	21.0
11 7	4 45.96	+22 15.6	1.418	2.339	11.5	20.8
11 17	4 35.74	+22 14.9	1.383	2.350	6.6	20.6
11 27	4 23.86	+22 8.2	1.375	2.361	1.2	20.2
12 7	4 11.87	+21 57.3	1.395	2.371	4.1	20.5
12 17	4 1.29	+21 45.1	1.442	2.381	9.1	20.8
12 27	3 53.34	+21 35.8	1.515	2.390	13.5	21.1
1 6	3 48.66	+21 32.7	1.609	2.399	17.1	21.3

183448 2003 BY_{10} 11 29.2 308°.53 7°.8/ 2.1 17

10 28	4 50.95	+41 46.4	1.848	2.644	15.4	20.1
11 7	4 44.64	+42 31.0	1.767	2.633	12.8	19.9
11 17	4 35.24	+42 56.5	1.706	2.623	10.1	19.7
11 27	4 23.81	+42 57.3	1.671	2.612	8.1	19.6
12 7	4 11.90	+42 31.8	1.662	2.602	8.1	19.5
12 17	4 1.16	+41 42.6	1.678	2.592	10.1	19.6
12 27	3 53.04	+40 37.3	1.720	2.582	12.9	19.8
1 6	3 48.34	+39 25.0	1.784	2.572	15.8	20.0

182281 2001 KX_{23} 11 29.2 120°.14 0°.8/29.5 18

10 28	4 52.46	+25 3.5	1.814	2.653	13.9	20.6
11 7	4 44.80	+24 47.7	1.758	2.672	10.1	20.4
11 17	4 34.86	+24 23.5	1.727	2.691	5.8	20.2
11 27	4 23.69	+23 51.5	1.723	2.709	1.4	19.9
12 7	4 12.57	+23 14.3	1.750	2.726	3.5	20.1
12 17	4 2.73	+22 35.9	1.805	2.742	7.8	20.4
12 27	3 55.13	+22 1.0	1.888	2.757	11.6	20.7
1 6	3 50.28	+21 33.1	1.993	2.772	14.7	20.9

45288 2000 AP_{29} 11 29.2 243°.38 2°.3/28.4 17

10 28	4 45.14	+14 9.6	2.340	3.185	11.0	18.9
11 7	4 39.32	+14 5.4	2.263	3.180	8.0	18.8
11 17	4 31.77	+14 3.0	2.212	3.175	4.8	18.5
11 27	4 23.16	+14 3.9	2.189	3.170	2.3	18.4
12 7	4 14.36	+14 9.4	2.197	3.165	4.0	18.5
12 17	4 6.22	+14 20.3	2.234	3.159	7.2	18.7
12 27	3 59.53	+14 37.8	2.298	3.154	10.3	18.9
1 6	3 54.84	+15 1.9	2.386	3.149	13.0	19.0

265249 2004 ES_{40} 11 29.2 273°.86 2°.7/30.0 18

10 28	4 50.59	+28 11.9	1.500	2.348	15.9	20.6
11 7	4 44.37	+28 22.0	1.423	2.339	11.9	20.3
11 17	4 35.08	+28 20.6	1.369	2.330	7.4	20.1
11 27	4 23.80	+28 5.7	1.339	2.321	3.2	19.8
12 7	4 12.08	+27 38.2	1.338	2.312	4.6	19.9
12 17	4 1.57	+27 2.1	1.363	2.303	9.3	20.1
12 27	3 53.67	+26 24.0	1.412	2.294	13.9	20.3
1 6	3 49.19	+25 49.9	1.483	2.286	17.7	20.6

141020 2001 WY_{50} 11 29.2 183°.64 0°.3/29.1 18

10 28	4 46.90	+20 50.1	2.254	3.096	11.5	20.8
11 7	4 40.65	+20 45.6	2.179	3.096	8.3	20.6
11 17	4 32.53	+20 37.8	2.130	3.096	4.7	20.4
11 27	4 23.30	+20 27.4	2.110	3.096	0.9	20.1
12 7	4 13.90	+20 15.6	2.120	3.095	3.1	20.3
12 17	4 5.28	+20 4.4	2.160	3.094	6.8	20.5
12 27	3 58.28	+19 56.4	2.227	3.093	10.2	20.7
1 6	3 53.45	+19 53.5	2.318	3.091	13.0	20.9

300363 2007 RM_{91} 11 29.2 268°.09 7°.0/25.9 18

10 28	4 45.31	+ 5 59.9	1.793	2.640	13.7	20.9
11 7	4 39.79	+ 4 41.2	1.722	2.630	10.7	20.7
11 17	4 32.16	+ 3 29.0	1.676	2.620	8.0	20.5
11 27	4 23.25	+ 2 29.6	1.656	2.610	7.0	20.4
12 7	4 14.10	+ 1 48.5	1.664	2.599	8.5	20.5
12 17	4 5.81	+ 1 28.8	1.698	2.589	11.4	20.6
12 27	3 59.33	+ 1 31.3	1.755	2.578	14.5	20.8
1 6	3 55.28	+ 1 53.9	1.832	2.567	17.3	21.0

384398 2009 WG_{27} 11 29.2 16°.84 1°.3/29.5 18

10 28	4 47.30	+24 25.9	1.117	1.991	18.2	20.6
11 7	4 42.30	+24 30.7	1.064	1.996	13.4	20.3
11 17	4 33.95	+24 26.1	1.032	2.001	7.8	20.0
11 27	4 23.58	+24 11.9	1.023	2.008	2.0	19.7
12 7	4 13.03	+23 50.6	1.038	2.016	4.7	19.9
12 17	4 4.11	+23 26.7	1.078	2.025	10.4	20.3
12 27	3 58.22	+23 6.0	1.140	2.035	15.4	20.6
1 6	3 56.05	+22 53.1	1.221	2.046	19.5	20.9

419263 2009 VH_{100} 11 29.2 352°.73 0°.1/29.2 17

10 28	4 47.36	+20 8.3	1.975	2.823	12.6	20.5
11 7	4 41.29	+20 41.3	1.901	2.820	9.2	20.3
11 17	4 33.05	+21 13.2	1.852	2.818	5.2	20.0
11 27	4 23.43	+21 43.2	1.831	2.817	1.0	19.7
12 7	4 13.50	+22 10.7	1.839	2.816	3.4	19.9
12 17	4 4.39	+22 36.1	1.877	2.815	7.5	20.2
12 27	3 57.09	+23 0.9	1.942	2.814	11.1	20.4
1 6	3 52.27	+23 26.7	2.029	2.814	14.2	20.6

360943 2005 UX_{35} 11 29.2 165°.90 2°.1/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.00	+17 50.5	2.153	3.002	11.7	21.6
11 7	4 39.24	+16 57.1	2.083	3.003	8.4	21.4
11 17	4 31.71	+16 0.8	2.038	3.004	4.9	21.2
11 27	4 23.16	+15 4.6	2.023	3.005	2.2	21.0
12 7	4 14.53	+14 12.5	2.037	3.006	4.1	21.1
12 17	4 6.73	+13 27.9	2.081	3.007	7.7	21.3
12 27	4 0.56	+12 54.0	2.151	3.007	10.9	21.5
1 6	3 56.51	+12 32.0	2.245	3.008	13.7	21.7

197785 2004 PK_{50} 11 29.2 84°.34 1°.2/28.9 18

10 28	4 51.30	+18 47.5	1.591	2.443	14.9	20.4
11 7	4 44.12	+18 42.0	1.543	2.465	10.7	20.2
11 17	4 34.54	+18 34.3	1.520	2.487	6.0	20.0
11 27	4 23.66	+18 25.8	1.523	2.509	1.5	19.7
12 7	4 12.86	+18 18.1	1.556	2.530	4.2	20.0
12 17	4 3.39	+18 13.7	1.616	2.551	8.6	20.3
12 27	3 56.27	+18 15.1	1.702	2.572	12.6	20.6
1 6	3 52.01	+18 23.7	1.809	2.592	15.8	20.8

222143 1999 WJ_{14} 11 29.2 186°.75 0°.2/29.1 18

10 28	4 51.41	+21 21.1	1.738	2.584	14.1	21.1
11 7	4 44.39	+21 19.5	1.666	2.584	10.3	20.8
11 17	4 34.85	+21 13.4	1.617	2.584	5.8	20.6
11 27	4 23.76	+21 3.0	1.597	2.583	1.1	20.2
12 7	4 12.41	+20 49.9	1.605	2.581	3.8	20.4
12 17	4 2.13	+20 36.9	1.643	2.579	8.4	20.7
12 27	3 54.05	+20 27.2	1.706	2.576	12.5	21.0
1 6	3 48.85	+20 23.9	1.792	2.573	16.0	21.2

433968 1999 TY_{57} 11 29.2 52°.43 3°.2/28.2 15

10 28	4 49.95	+16 33.8	1.338	2.202	16.4	20.6
11 7	4 43.15	+15 42.8	1.308	2.235	11.8	20.4
11 17	4 33.91	+14 52.1	1.301	2.268	6.8	20.3
11 27	4 23.53	+14 6.2	1.320	2.302	3.2	20.1
12 7	4 13.49	+13 29.5	1.366	2.335	5.6	20.4
12 17	4 5.06	+13 5.4	1.438	2.369	9.9	20.7
12 27	3 59.18	+12 55.7	1.534	2.402	13.8	21.0
1 6	3 56.25	+13 0.0	1.651	2.436	17.0	21.3

92638 2000 QO_{21} 11 29.2 88°.32 0°.6/29.4 18

10 28	4 52.02	+23 59.4	1.670	2.515	14.6	20.7
11 7	4 44.58	+23 51.3	1.622	2.540	10.6	20.5
11 17	4 34.76	+23 35.8	1.599	2.564	6.0	20.3
11 27	4 23.71	+23 13.5	1.603	2.589	1.3	20.1
12 7	4 12.78	+22 46.8	1.636	2.613	3.7	20.3
12 17	4 3.23	+22 19.2	1.698	2.636	8.1	20.6
12 27	3 56.03	+21 55.1	1.786	2.659	11.9	20.9
1 6	3 51.69	+21 37.7	1.896	2.681	15.1	21.2

268216 2005 CF_{32} 11 29.2 216°.73 1°.4/29.9 17

10 28	4 45.11	+27 3.4	2.764	3.592	10.0	21.2
11 7	4 39.19	+27 4.7	2.679	3.586	7.4	21.0
11 17	4 31.67	+26 59.4	2.621	3.580	4.5	20.9
11 27	4 23.18	+26 47.4	2.592	3.574	1.7	20.6
12 7	4 14.50	+26 29.4	2.593	3.568	2.8	20.7
12 17	4 6.46	+26 7.5	2.625	3.561	5.7	20.9
12 27	3 59.76	+25 44.3	2.686	3.554	8.6	21.1
1 6	3 54.94	+25 22.7	2.772	3.546	11.1	21.3

18872 Tammann 11 29.2 188°.52 3°.1/27.6 18

10 28	4 46.78	+16 16.5	1.930	2.781	12.7	17.7
11 7	4 40.68	+15 7.6	1.860	2.780	9.3	17.5
11 17	4 32.58	+13 56.0	1.816	2.780	5.6	17.3
11 27	4 23.34	+12 46.3	1.800	2.779	3.1	17.1
12 7	4 14.00	+11 43.2	1.814	2.778	5.1	17.2
12 17	4 5.59	+10 51.3	1.856	2.777	8.8	17.5
12 27	3 59.01	+10 13.7	1.925	2.775	12.3	17.7
1 6	3 54.78	+ 9 51.6	2.015	2.773	15.2	17.9

269634 2011 AE_{45} 11 29.2 319°.43 0°.2/29.3 18

10 28	4 47.65	+22 52.1	1.226	2.096	17.2	20.9
11 7	4 42.65	+22 45.7	1.152	2.082	12.7	20.6
11 17	4 34.30	+22 31.5	1.099	2.069	7.3	20.2
11 27	4 23.72	+22 9.9	1.069	2.056	1.4	19.8
12 7	4 12.57	+21 43.5	1.065	2.043	4.7	20.0
12 17	4 2.69	+21 16.7	1.086	2.031	10.6	20.3
12 27	3 55.64	+20 55.2	1.130	2.020	15.9	20.6
1 6	3 52.31	+20 43.5	1.192	2.010	20.3	20.8

303087 2004 BG_{9} 11 29.2 349°.63 3°.0/28.8 18

10 28	4 48.23	+12 27.4	1.416	2.278	15.8	19.7
11 7	4 42.53	+12 56.3	1.347	2.272	11.7	19.4
11 17	4 34.00	+13 32.9	1.301	2.267	7.0	19.2
11 27	4 23.64	+14 17.8	1.280	2.262	3.2	18.9
12 7	4 12.86	+15 10.3	1.287	2.259	5.4	19.1
12 17	4 3.14	+16 9.1	1.320	2.256	10.1	19.3
12 27	3 55.81	+17 13.2	1.377	2.254	14.5	19.6
1 6	3 51.63	+18 21.2	1.455	2.253	18.3	19.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
522003 2015 XD_{117}			11 29.2	25°.86	5°.2/27.8	18
	h m	° ′			°	m
10 28	4 45.52	+ 7 1.3	1.925	2.771	13.0	20.8
11 7	4 39.77	+ 6 44.4	1.863	2.774	9.9	20.6
11 17	4 32.08	+ 6 35.8	1.825	2.776	6.8	20.4
11 27	4 23.26	+ 6 38.4	1.814	2.780	5.2	20.3
12 7	4 14.30	+ 6 54.0	1.831	2.783	6.5	20.4
12 17	4 6.20	+ 7 23.0	1.876	2.786	9.4	20.6
12 27	3 59.82	+ 8 4.6	1.946	2.790	12.4	20.8
1 6	3 55.71	+ 8 56.7	2.038	2.794	15.1	21.0
159986 2006 CW_{51}			11 29.2	215°.71	0°.0/29.1	17
10 28	4 45.08	+22 30.8	2.569	3.407	10.3	21.3
11 7	4 39.21	+22 19.5	2.487	3.402	7.5	21.1
11 17	4 31.70	+22 3.9	2.431	3.396	4.3	20.9
11 27	4 23.19	+21 44.4	2.404	3.390	0.8	20.6
12 7	4 14.52	+21 22.7	2.408	3.384	2.7	20.7
12 17	4 6.50	+21 0.9	2.443	3.377	6.1	21.0
12 27	3 59.88	+20 41.5	2.505	3.370	9.2	21.1
1 6	3 55.18	+20 26.8	2.592	3.363	11.9	21.3
228853 2003 FU_{84}			11 29.2	254°.66	4°.1/30.7	18
10 28	4 51.08	+32 20.0	1.687	2.518	15.2	20.3
11 7	4 44.57	+32 32.8	1.606	2.510	11.6	20.0
11 17	4 35.14	+32 31.2	1.548	2.501	7.8	19.8
11 27	4 23.86	+32 12.5	1.517	2.492	4.5	19.6
12 7	4 12.19	+31 37.1	1.513	2.482	5.2	19.6
12 17	4 1.67	+30 49.1	1.536	2.473	8.9	19.8
12 27	3 53.63	+29 55.3	1.586	2.463	12.9	20.0
1 6	3 48.83	+29 3.2	1.657	2.453	16.4	20.2
422114 2014 QP_{413}			11 29.2	358°.91	1°.4/28.7	18
10 28	4 45.16	+18 29.8	1.925	2.779	12.6	21.0
11 7	4 39.63	+18 10.8	1.856	2.778	9.1	20.8
11 17	4 32.05	+17 49.7	1.810	2.778	5.2	20.5
11 27	4 23.27	+17 28.2	1.793	2.778	1.6	20.3
12 7	4 14.32	+17 8.8	1.804	2.778	3.9	20.5
12 17	4 6.24	+16 54.0	1.844	2.778	7.9	20.7
12 27	3 59.96	+16 46.0	1.910	2.778	11.5	20.9
1 6	3 56.05	+16 46.5	1.998	2.779	14.6	21.1
7294 Barbaraakey			11 29.2	290°.13	0°.5/29.1	18
10 28	4 47.86	+19 51.7	1.772	2.625	13.6	17.0
11 7	4 41.90	+19 59.0	1.693	2.615	9.9	16.8
11 17	4 33.51	+20 4.3	1.638	2.605	5.7	16.5
11 27	4 23.56	+20 7.6	1.610	2.596	1.1	16.2
12 7	4 13.24	+20 9.8	1.610	2.586	3.8	16.4
12 17	4 3.80	+20 12.8	1.639	2.577	8.3	16.6
12 27	3 56.37	+20 19.0	1.694	2.567	12.4	16.8
1 6	3 51.66	+20 30.5	1.770	2.558	15.9	17.0
166359 2002 LJ_{15}			11 29.2	212°.97	0°.7/29.5	18
10 28	4 49.06	+24 34.2	2.239	3.074	11.8	21.0
11 7	4 42.35	+24 26.6	2.154	3.067	8.6	20.8
11 17	4 33.59	+24 12.4	2.095	3.059	5.0	20.6
11 27	4 23.57	+23 51.6	2.065	3.050	1.2	20.3
12 7	4 13.31	+23 25.8	2.065	3.040	3.1	20.4
12 17	4 3.84	+22 57.5	2.095	3.030	7.0	20.6
12 27	3 56.08	+22 30.5	2.153	3.020	10.5	20.8
1 6	3 50.65	+22 8.1	2.235	3.008	13.4	21.0
65790 1995 UT_{25}			11 29.2	59°.06	1°.9/28.6	18
10 28	4 48.29	+18 2.7	1.511	2.371	15.1	19.5
11 7	4 42.12	+17 39.5	1.460	2.386	10.9	19.3
11 17	4 33.50	+17 14.6	1.433	2.401	6.2	19.1
11 27	4 23.54	+16 50.4	1.432	2.416	2.1	18.8
12 7	4 13.58	+16 29.8	1.459	2.432	4.6	19.1
12 17	4 4.90	+16 15.9	1.512	2.448	9.1	19.4
12 27	3 58.55	+16 11.1	1.591	2.463	13.2	19.6
1 6	3 55.05	+16 16.5	1.690	2.479	16.5	19.9
23064 Mattmiller			11 29.2	17°.52	1°.1/28.8	18
10 28	4 45.02	+19 6.1	1.771	2.629	13.4	18.4
11 7	4 39.65	+18 57.3	1.708	2.633	9.7	18.2
11 17	4 32.11	+18 46.3	1.669	2.637	5.5	18.0
11 27	4 23.30	+18 34.5	1.656	2.642	1.4	17.7
12 7	4 14.34	+18 23.8	1.672	2.647	3.9	17.9
12 17	4 6.36	+18 16.6	1.716	2.653	8.1	18.2
12 27	4 0.31	+18 15.2	1.785	2.660	11.9	18.4
1 6	3 56.78	+18 21.0	1.877	2.666	15.0	18.6
487841 2015 TQ_{88}			11 29.2	48°.44	0°.9/28.9	17
10 28	4 45.96	+20 17.4	1.858	2.711	13.0	21.9
11 7	4 40.22	+19 58.1	1.795	2.718	9.4	21.7
11 17	4 32.38	+19 35.1	1.756	2.724	5.3	21.4
11 27	4 23.35	+19 10.1	1.745	2.731	1.2	21.2
12 7	4 14.21	+18 45.4	1.763	2.738	3.7	21.4
12 17	4 6.06	+18 24.0	1.808	2.745	7.8	21.6
12 27	3 59.81	+18 8.9	1.880	2.752	11.5	21.9
1 6	3 56.01	+18 1.9	1.975	2.759	14.6	22.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
358882 2008 GL_{11}			11 29.2	103°.88	3°.3/30.6	18
	h m	° ′			°	m
10 28	4 51.49	+32 33.2	2.732	3.536	10.8	20.8
11 7	4 43.71	+33 8.5	2.676	3.563	8.2	20.7
11 17	4 34.18	+33 33.9	2.647	3.590	5.5	20.5
11 27	4 23.66	+33 47.7	2.647	3.616	3.5	20.4
12 7	4 13.10	+33 49.7	2.679	3.641	3.9	20.5
12 17	4 3.41	+33 41.5	2.741	3.666	6.1	20.7
12 27	3 55.38	+33 26.6	2.833	3.690	8.6	20.9
1 6	3 49.49	+33 8.8	2.949	3.713	10.7	21.1
176323 2001 SH_{220}			11 29.2	77°.69	3°.4/27.9	18
10 28	4 45.71	+13 29.3	1.888	2.741	12.9	20.4
11 7	4 39.96	+12 53.7	1.824	2.744	9.4	20.2
11 17	4 32.22	+12 19.9	1.785	2.748	5.8	20.0
11 27	4 23.32	+11 51.2	1.774	2.752	3.4	19.9
12 7	4 14.32	+11 30.4	1.791	2.755	5.2	20.0
12 17	4 6.23	+11 20.0	1.837	2.759	8.7	20.2
12 27	3 59.94	+11 21.3	1.907	2.763	12.1	20.4
1 6	3 55.99	+11 34.2	2.000	2.767	15.0	20.6
401583 2013 GO_{1}			11 29.2	54°.91	3°.0/30.3	18
10 28	4 48.46	+29 56.4	1.876	2.711	13.7	20.6
11 7	4 42.24	+30 8.8	1.807	2.715	10.3	20.4
11 17	4 33.63	+30 10.2	1.762	2.718	6.6	20.2
11 27	4 23.59	+29 59.2	1.744	2.722	3.3	20.0
12 7	4 13.37	+29 36.5	1.754	2.726	4.2	20.1
12 17	4 4.21	+29 5.5	1.793	2.730	7.8	20.3
12 27	3 57.17	+28 31.0	1.857	2.734	11.4	20.5
1 6	3 52.87	+27 58.2	1.945	2.738	14.5	20.7
175678 1995 FA_{4}			11 29.2	166°.49	2°.4/30.1	18
10 28	4 48.79	+28 14.9	1.944	2.780	13.3	20.7
11 7	4 42.43	+28 28.8	1.871	2.781	9.9	20.5
11 17	4 33.73	+28 33.5	1.822	2.781	6.1	20.3
11 27	4 23.62	+28 27.6	1.801	2.782	2.8	20.1
12 7	4 13.28	+28 11.9	1.809	2.782	3.9	20.2
12 17	4 3.91	+27 49.0	1.845	2.783	7.6	20.4
12 27	3 56.57	+27 23.2	1.908	2.783	11.2	20.6
1 6	3 51.90	+26 59.2	1.994	2.783	14.3	20.8
220045 2002 RP_{73}			11 29.2	201°.47	4°.3/30.7	18
10 28	4 52.80	+32 22.9	1.593	2.425	15.9	20.4
11 7	4 45.89	+32 39.8	1.520	2.423	12.2	20.2
11 17	4 35.92	+32 41.6	1.469	2.422	8.1	19.9
11 27	4 24.04	+32 25.4	1.445	2.419	4.7	19.7
12 7	4 11.85	+31 51.5	1.448	2.417	5.4	19.8
12 17	4 0.98	+31 4.4	1.478	2.414	9.2	20.0
12 27	3 52.78	+30 11.6	1.534	2.412	13.2	20.2
1 6	3 48.00	+29 20.6	1.611	2.408	16.8	20.4
236860 2007 RE_{187}			11 29.2	193°.69	3°.3/27.7	18
10 28	4 46.85	+14 1.3	2.030	2.878	12.3	21.1
11 7	4 40.71	+13 13.1	1.959	2.877	9.0	20.9
11 17	4 32.63	+12 25.2	1.913	2.875	5.6	20.7
11 27	4 23.41	+11 41.1	1.895	2.873	3.4	20.5
12 7	4 14.06	+11 4.3	1.907	2.870	5.1	20.6
12 17	4 5.55	+10 37.9	1.948	2.867	8.6	20.8
12 27	3 58.76	+10 24.0	2.015	2.864	11.9	21.0
1 6	3 54.24	+10 23.0	2.104	2.860	14.7	21.2
334603 2002 TG_{312}			11 29.2	160°.77	4°.4/30.7	17
10 28	4 51.48	+35 40.7	2.871	3.663	10.6	21.4
11 7	4 43.97	+36 37.2	2.794	3.668	8.4	21.2
11 17	4 34.51	+37 23.8	2.743	3.672	6.1	21.1
11 27	4 23.78	+37 57.3	2.721	3.676	4.5	21.0
12 7	4 12.73	+38 16.4	2.730	3.680	4.8	21.0
12 17	4 2.34	+38 21.9	2.770	3.683	6.6	21.1
12 27	3 53.50	+38 16.8	2.838	3.686	8.8	21.3
1 6	3 46.85	+38 5.1	2.931	3.688	11.0	21.5
359809 2011 UA_{259}			11 29.2	278°.61	1°.6/29.8	18
10 28	4 47.74	+26 43.6	1.856	2.699	13.5	21.5
11 7	4 41.75	+26 40.2	1.779	2.694	10.0	21.2
11 17	4 33.39	+26 27.7	1.726	2.689	6.0	21.0
11 27	4 23.58	+26 5.8	1.700	2.684	2.1	20.7
12 7	4 13.51	+25 36.1	1.703	2.679	3.6	20.8
12 17	4 4.41	+25 1.9	1.735	2.674	7.8	21.1
12 27	3 57.36	+24 28.1	1.792	2.669	11.7	21.3
1 6	3 53.00	+23 58.8	1.872	2.664	15.0	21.5
150448 2000 GJ_{176}			11 29.2	229°.20	0°.8/28.9	18
10 28	4 49.67	+20 31.6	1.760	2.610	13.8	21.4
11 7	4 43.19	+20 13.6	1.681	2.602	10.1	21.2
11 17	4 34.25	+19 51.0	1.626	2.593	5.7	20.9
11 27	4 23.75	+19 25.1	1.598	2.584	1.2	20.6
12 7	4 12.94	+18 58.3	1.600	2.575	4.0	20.7
12 17	4 3.10	+18 34.0	1.629	2.565	8.6	21.0
12 27	3 55.34	+18 15.8	1.685	2.554	12.7	21.2
1 6	3 50.37	+18 6.4	1.763	2.544	16.2	21.4

188762 2005 UG_{334} 11 29.2 178°.04 0°.5/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.92	+19 7.0	2.505	3.341	10.6	20.6
11 7	4 41.29	+19 23.6	2.428	3.343	7.7	20.4
11 17	4 32.92	+19 39.2	2.378	3.344	4.4	20.2
11 27	4 23.50	+19 53.5	2.358	3.344	0.9	19.9
12 7	4 13.87	+20 7.0	2.370	3.344	2.9	20.1
12 17	4 4.92	+20 20.3	2.412	3.344	6.3	20.3
12 27	3 57.43	+20 35.0	2.482	3.344	9.4	20.5
1 6	3 51.95	+20 52.2	2.577	3.343	12.1	20.7

243388 2008 YK_{54} 11 29.2 15°.81 2°.1/28.8 18

10 28	4 47.68	+16 6.6	1.424	2.289	15.6	19.6
11 7	4 42.01	+16 10.6	1.364	2.292	11.4	19.4
11 17	4 33.64	+16 16.2	1.327	2.295	6.6	19.1
11 27	4 23.64	+16 24.7	1.315	2.299	2.3	18.9
12 7	4 13.42	+16 37.4	1.330	2.303	4.9	19.0
12 17	4 4.39	+16 55.5	1.371	2.309	9.6	19.3
12 27	3 57.75	+17 20.2	1.437	2.314	14.0	19.6
1 6	3 54.17	+17 52.0	1.523	2.321	17.6	19.9

422476 2014 SE_{326} 11 29.2 26°.94 1°.3/28.8 18

10 28	4 44.56	+18 29.6	2.010	2.863	12.2	20.9
11 7	4 39.11	+18 17.7	1.945	2.868	8.8	20.7
11 17	4 31.75	+18 4.1	1.905	2.873	5.0	20.5
11 27	4 23.28	+17 50.3	1.893	2.878	1.5	20.3
12 7	4 14.69	+17 38.2	1.910	2.883	3.6	20.4
12 17	4 6.96	+17 29.8	1.955	2.889	7.4	20.7
12 27	4 0.93	+17 27.3	2.026	2.896	10.9	20.9
1 6	3 57.15	+17 31.8	2.121	2.902	13.8	21.1

212230 2005 JW_{25} 11 29.2 83°.62 3°.0/28.3 18

10 28	4 47.27	+14 12.4	1.834	2.686	13.2	20.6
11 7	4 41.08	+13 51.1	1.778	2.698	9.6	20.4
11 17	4 32.85	+13 31.8	1.746	2.710	5.8	20.2
11 27	4 23.48	+13 16.7	1.742	2.722	3.0	20.1
12 7	4 14.06	+13 8.3	1.767	2.734	4.9	20.2
12 17	4 5.64	+13 8.2	1.820	2.746	8.5	20.5
12 27	3 59.13	+13 17.6	1.898	2.758	12.0	20.7
1 6	3 55.05	+13 36.5	1.999	2.770	14.9	20.9

255007 2005 TB_{25} 11 29.2 119°.25 1°.5/29.8 18

10 28	4 48.16	+25 54.9	2.167	3.002	12.1	20.4
11 7	4 41.69	+26 8.0	2.099	3.010	8.9	20.2
11 17	4 33.22	+26 14.3	2.056	3.018	5.3	20.0
11 27	4 23.56	+26 13.2	2.042	3.025	1.9	19.8
12 7	4 13.75	+26 5.3	2.058	3.033	3.2	19.9
12 17	4 4.83	+25 52.8	2.103	3.040	6.8	20.1
12 27	3 57.71	+25 38.9	2.175	3.046	10.2	20.4
1 6	3 52.93	+25 26.8	2.271	3.053	13.0	20.6

239054 2006 EU_{51} 11 29.2 101°.61 1°.4/28.8 18

10 28	4 49.12	+18 32.8	1.727	2.579	13.9	21.0
11 7	4 42.57	+18 18.0	1.669	2.591	10.0	20.8
11 17	4 33.76	+18 1.3	1.635	2.602	5.7	20.6
11 27	4 23.65	+17 44.1	1.628	2.613	1.7	20.4
12 7	4 13.48	+17 28.6	1.650	2.624	4.1	20.6
12 17	4 4.42	+17 17.6	1.700	2.635	8.4	20.8
12 27	3 57.48	+17 13.3	1.777	2.645	12.2	21.1
1 6	3 53.20	+17 17.4	1.875	2.655	15.4	21.3

345218 2005 UJ_{152} 11 29.2 359°.55 0°.4/29.1 18

10 28	4 45.63	+22 12.0	1.158	2.035	17.5	20.8
11 7	4 41.08	+21 51.5	1.099	2.032	12.8	20.5
11 17	4 33.34	+21 23.3	1.059	2.030	7.3	20.2
11 27	4 23.62	+20 49.3	1.043	2.029	1.3	19.8
12 7	4 13.63	+20 13.5	1.052	2.030	4.8	20.1
12 17	4 5.08	+19 41.2	1.086	2.031	10.5	20.4
12 27	3 59.37	+19 17.7	1.141	2.034	15.6	20.7
1 6	3 57.20	+19 6.2	1.216	2.038	19.8	21.0

255191 2005 UF_{294} 11 29.2 111°.27 3°.1/30.3 18

10 28	4 49.47	+29 53.5	2.145	2.972	12.5	20.6
11 7	4 42.78	+30 24.6	2.076	2.979	9.4	20.4
11 17	4 33.90	+30 46.5	2.033	2.986	6.1	20.2
11 27	4 23.71	+30 57.1	2.017	2.993	3.3	20.0
12 7	4 13.31	+30 56.3	2.030	3.000	4.1	20.1
12 17	4 3.83	+30 46.0	2.073	3.006	7.2	20.3
12 27	3 56.25	+30 30.0	2.143	3.013	10.4	20.5
1 6	3 51.19	+30 12.7	2.237	3.019	13.2	20.7

303135 2004 CJ_{111} 11 29.2 295°.70 1°.5/28.7 18

10 28	4 46.31	+18 58.4	1.806	2.661	13.3	21.0
11 7	4 40.64	+18 32.5	1.732	2.655	9.6	20.7
11 17	4 32.75	+18 3.5	1.683	2.650	5.5	20.5
11 27	4 23.50	+17 33.3	1.660	2.645	1.7	20.2
12 7	4 14.03	+17 4.9	1.666	2.640	4.1	20.4
12 17	4 5.47	+16 41.5	1.701	2.635	8.4	20.6
12 27	3 58.85	+16 26.2	1.761	2.630	12.3	20.9
1 6	3 54.77	+16 20.7	1.842	2.625	15.5	21.1

168189 2006 HF_{117} 11 29.2 107°.64 2°.4/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.11	+17 28.1	1.944	2.792	12.8	20.1
11 7	4 41.51	+16 29.6	1.889	2.809	9.2	19.9
11 17	4 33.01	+15 28.7	1.860	2.825	5.4	19.7
11 27	4 23.52	+14 29.4	1.860	2.841	2.5	19.6
12 7	4 14.09	+13 35.6	1.889	2.857	4.5	19.8
12 17	4 5.71	+12 51.4	1.948	2.873	8.2	20.0
12 27	3 59.20	+12 19.4	2.033	2.888	11.5	20.3
1 6	3 55.04	+12 0.6	2.141	2.902	14.3	20.5

211715 2003 YT_{25} 11 29.2 17°.58 1°.5/29.6 18

10 28	4 46.21	+24 46.8	1.222	2.092	17.2	19.1
11 7	4 41.32	+24 56.3	1.170	2.099	12.6	18.9
11 17	4 33.38	+24 57.0	1.140	2.108	7.4	18.6
11 27	4 23.62	+24 48.3	1.133	2.118	2.1	18.3
12 7	4 13.73	+24 32.3	1.152	2.130	4.5	18.5
12 17	4 5.33	+24 12.8	1.196	2.142	9.7	18.9
12 27	3 59.72	+23 55.0	1.263	2.156	14.3	19.2
1 6	3 57.53	+23 43.2	1.350	2.171	18.2	19.5

445686 2011 UD_{147} 11 29.2 350°.80 2°.5/30.0 18

10 28	4 48.61	+27 43.2	1.735	2.578	14.3	21.3
11 7	4 42.57	+28 3.0	1.663	2.577	10.6	21.0
11 17	4 33.96	+28 13.7	1.615	2.576	6.6	20.8
11 27	4 23.74	+28 13.6	1.593	2.575	2.9	20.6
12 7	4 13.23	+28 2.9	1.600	2.574	4.2	20.6
12 17	4 3.77	+27 44.5	1.634	2.573	8.2	20.9
12 27	3 56.53	+27 23.0	1.694	2.573	12.1	21.1
1 6	3 52.21	+27 3.1	1.776	2.573	15.5	21.3

27132 Ježek 11 29.2 354°.67 1°.9/28.9 18

10 28	4 48.94	+16 34.5	1.288	2.156	16.7	18.0
11 7	4 43.27	+16 46.1	1.224	2.153	12.2	17.7
11 17	4 34.55	+16 59.6	1.182	2.151	7.1	17.4
11 27	4 23.88	+17 15.8	1.165	2.149	2.2	17.1
12 7	4 12.83	+17 35.3	1.173	2.149	5.1	17.3
12 17	4 3.05	+17 59.2	1.208	2.148	10.3	17.6
12 27	3 55.92	+18 28.9	1.266	2.149	15.1	17.9
1 6	3 52.21	+19 5.2	1.344	2.150	19.1	18.2

430590 2002 RA_{268} 11 29.2 142°.49 4°.7/30.9 17

10 28	4 55.79	+34 7.6	1.846	2.661	14.8	22.3
11 7	4 47.65	+34 35.2	1.782	2.673	11.4	22.1
11 17	4 36.76	+34 47.8	1.741	2.684	7.8	21.9
11 27	4 24.25	+34 42.3	1.727	2.695	5.0	21.8
12 7	4 11.60	+34 18.7	1.742	2.705	5.4	21.8
12 17	4 0.28	+33 40.6	1.786	2.714	8.5	22.0
12 27	3 51.48	+32 54.8	1.856	2.723	11.9	22.2
1 6	3 45.83	+32 8.3	1.949	2.731	14.9	22.5

167420 2003 WT_{143} 11 29.2 57°.73 1°.4/29.7 18

10 28	4 48.95	+25 35.9	1.615	2.465	14.8	20.3
11 7	4 42.74	+25 36.0	1.555	2.474	10.9	20.1
11 17	4 33.98	+25 27.5	1.518	2.483	6.4	19.9
11 27	4 23.74	+25 10.0	1.507	2.492	1.9	19.6
12 7	4 13.39	+24 45.5	1.525	2.501	3.8	19.8
12 17	4 4.26	+24 17.7	1.570	2.511	8.3	20.1
12 27	3 57.47	+23 51.2	1.640	2.520	12.4	20.3
1 6	3 53.62	+23 30.2	1.733	2.530	15.8	20.6

87639 2000 RZ_{67} 11 29.2 109°.97 7°.4/ 2.7 18

10 28	4 58.18	+42 46.7	1.927	2.706	15.5	19.1
11 7	4 49.42	+43 21.9	1.872	2.728	12.7	19.0
11 17	4 37.74	+43 35.6	1.840	2.750	9.9	18.9
11 27	4 24.42	+43 23.4	1.832	2.770	7.8	18.8
12 7	4 11.14	+42 45.2	1.853	2.790	7.6	18.8
12 17	3 59.49	+41 45.9	1.901	2.810	9.4	19.0
12 27	3 50.66	+40 33.8	1.975	2.828	11.9	19.2
1 6	3 45.23	+39 18.0	2.073	2.846	14.4	19.4

172624 2003 WR_{159} 11 29.2 281°.62 5°.0/ 1.4 17

10 28	4 50.11	+36 22.0	1.925	2.740	14.2	19.5
11 7	4 43.80	+36 26.3	1.830	2.719	11.3	19.3
11 17	4 34.76	+36 13.7	1.758	2.698	8.0	19.0
11 27	4 23.93	+35 41.2	1.711	2.677	5.4	18.8
12 7	4 12.66	+34 49.0	1.693	2.656	5.6	18.8
12 17	4 2.38	+33 41.0	1.703	2.635	8.6	18.9
12 27	3 54.37	+32 24.8	1.740	2.613	12.1	19.1
1 6	3 49.39	+31 8.2	1.799	2.592	15.5	19.3

521246 2015 HU_{190} 11 29.2 90°.80 3°.5/28.1 18

10 28	4 48.80	+14 42.1	1.491	2.351	15.3	21.6
11 7	4 42.64	+14 5.7	1.432	2.356	11.2	21.3
11 17	4 33.93	+13 30.4	1.396	2.361	6.8	21.1
11 27	4 23.74	+12 59.8	1.386	2.366	3.6	20.9
12 7	4 13.43	+12 37.6	1.403	2.371	5.8	21.1
12 17	4 4.32	+12 26.9	1.447	2.376	10.1	21.3
12 27	3 57.52	+12 29.4	1.515	2.380	14.1	21.6
1 6	3 53.65	+12 45.0	1.604	2.385	17.6	21.8

403513 2009 WG_{120} 11 29.2 29°.98 0°.0/29.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.26	+22 4.5	1.805	2.659	13.3	21.0
11 7	4 39.81	+21 55.5	1.746	2.669	9.6	20.8
11 17	4 32.22	+21 41.7	1.711	2.679	5.4	20.5
11 27	4 23.43	+21 24.0	1.703	2.689	1.0	20.3
12 7	4 14.55	+21 4.4	1.724	2.700	3.5	20.5
12 17	4 6.69	+20 45.9	1.772	2.712	7.7	20.8
12 27	4 0.78	+20 31.4	1.847	2.724	11.4	21.0
1 6	3 57.36	+20 23.4	1.943	2.736	14.5	21.2

449633 2014 KE_{18} 11 29.2 130°.13 3°.3/27.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.51	+14 12.5	2.138	2.984	11.8	21.9
11 7	4 40.29	+13 15.3	2.078	2.995	8.6	21.8
11 17	4 32.34	+12 18.4	2.044	3.005	5.3	21.6
11 27	4 23.44	+11 25.6	2.039	3.015	3.3	21.5
12 7	4 14.53	+10 40.5	2.063	3.025	5.0	21.6
12 17	4 6.50	+10 6.2	2.117	3.034	8.1	21.8
12 27	4 0.12	+ 9 44.6	2.198	3.043	11.2	22.0
1 6	3 55.86	+ 9 36.0	2.301	3.051	13.8	22.2

317308 2002 GW_{127} 11 29.2 114°.34 0°.6/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.58	+24 21.5	1.594	2.439	15.2	21.1
11 7	4 45.93	+24 7.7	1.540	2.457	11.1	20.9
11 17	4 35.70	+23 45.6	1.509	2.475	6.3	20.6
11 27	4 24.06	+23 15.6	1.506	2.492	1.4	20.4
12 7	4 12.47	+22 40.6	1.532	2.509	3.8	20.6
12 17	4 2.30	+22 5.0	1.586	2.524	8.5	20.9
12 27	3 54.63	+21 33.5	1.666	2.540	12.6	21.2
1 6	3 50.01	+21 10.1	1.768	2.554	16.0	21.4

521685 2015 RZ_{261} 11 29.2 78°.70 3°.2/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.81	+14 3.9	1.795	2.649	13.4	21.4
11 7	4 40.84	+13 35.2	1.736	2.657	9.8	21.2
11 17	4 32.78	+13 8.2	1.701	2.665	5.9	21.0
11 27	4 23.53	+12 45.9	1.693	2.673	3.2	20.8
12 7	4 14.20	+12 31.0	1.714	2.681	5.1	20.9
12 17	4 5.86	+12 25.6	1.763	2.688	8.8	21.2
12 27	3 59.43	+12 31.0	1.837	2.696	12.3	21.4
1 6	3 55.47	+12 47.2	1.933	2.704	15.3	21.6

516796 2010 GO_{126} 11 29.2 162°.31 4°.1/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.64	+33 2.6	2.160	2.973	12.9	22.6
11 7	4 45.17	+33 38.5	2.087	2.978	10.0	22.4
11 17	4 35.33	+34 2.8	2.039	2.983	6.8	22.2
11 27	4 24.02	+34 12.6	2.019	2.987	4.4	22.1
12 7	4 12.46	+34 7.3	2.028	2.991	4.8	22.1
12 17	4 1.87	+33 49.1	2.067	2.994	7.6	22.3
12 27	3 53.33	+33 22.7	2.133	2.997	10.7	22.5
1 6	3 47.50	+32 53.4	2.222	2.999	13.4	22.7

159138 2004 XT_{10} 11 29.2 38°.77 0°.0/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.15	+22 8.1	1.772	2.625	13.5	19.5
11 7	4 40.44	+22 4.3	1.717	2.639	9.8	19.3
11 17	4 32.57	+21 55.7	1.686	2.654	5.5	19.1
11 27	4 23.50	+21 43.0	1.683	2.669	1.0	18.8
12 7	4 14.37	+21 28.1	1.708	2.684	3.5	19.0
12 17	4 6.33	+21 13.6	1.760	2.700	7.7	19.3
12 27	4 0.29	+21 2.6	1.839	2.716	11.4	19.6
1 6	3 56.80	+20 57.3	1.940	2.733	14.5	19.8

430902 2005 SW_{49} 11 29.2 111°.94 2°.6/28.3 16 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.13	+16 50.9	1.672	2.524	14.3	21.4
11 7	4 43.26	+16 7.4	1.618	2.540	10.3	21.2
11 17	4 34.13	+15 22.6	1.589	2.555	6.0	21.0
11 27	4 23.78	+14 39.7	1.587	2.569	2.7	20.8
12 7	4 13.46	+14 2.7	1.614	2.584	4.9	21.0
12 17	4 4.35	+13 35.1	1.670	2.597	9.0	21.3
12 27	3 57.42	+13 19.4	1.750	2.611	12.8	21.6
1 6	3 53.19	+13 16.3	1.852	2.624	15.9	21.8

120836 1998 KL_{7} 11 29.2 220°.32 1°.7/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.94	+18 11.1	2.087	2.932	12.1	20.4
11 7	4 41.61	+17 41.2	2.005	2.924	8.8	20.1
11 17	4 33.25	+17 8.5	1.949	2.915	5.1	19.9
11 27	4 23.65	+16 35.0	1.922	2.906	1.8	19.7
12 7	4 13.82	+16 3.6	1.925	2.896	4.0	19.8
12 17	4 4.78	+15 37.2	1.957	2.886	7.8	20.0
12 27	3 57.46	+15 18.7	2.016	2.875	11.4	20.2
1 6	3 52.46	+15 9.8	2.097	2.864	14.4	20.4

245300 2005 CX_{79} 11 29.2 296°.68 0°.3/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.66	+22 6.8	1.685	2.537	14.2	20.5
11 7	4 42.64	+22 16.5	1.610	2.531	10.4	20.2
11 17	4 34.05	+22 21.9	1.558	2.525	6.0	19.9
11 27	4 23.83	+22 22.6	1.533	2.519	1.2	19.6
12 7	4 13.25	+22 19.4	1.536	2.513	3.8	19.8
12 17	4 3.66	+22 14.7	1.567	2.507	8.5	20.1
12 27	3 56.23	+22 11.5	1.624	2.501	12.7	20.3
1 6	3 51.68	+22 12.9	1.702	2.495	16.2	20.5

514918 2008 TC_{149} 11 29.2 12°.30 2°.3/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.75	+25 46.3	1.392	2.249	16.4	21.1
11 7	4 43.85	+26 15.4	1.329	2.250	12.1	20.8
11 17	4 34.88	+26 36.3	1.287	2.252	7.3	20.5
11 27	4 23.99	+26 46.8	1.271	2.254	2.8	20.3
12 7	4 12.76	+26 46.9	1.281	2.257	4.6	20.4
12 17	4 2.85	+26 39.3	1.318	2.260	9.4	20.7
12 27	3 55.62	+26 28.8	1.378	2.264	13.9	21.0
1 6	3 51.83	+26 20.3	1.459	2.268	17.7	21.2

484192 2006 VN_{98} 11 29.2 0°.23 5°.9/30.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.53	+31 33.6	1.530	2.367	16.2	20.4
11 7	4 46.11	+33 8.0	1.462	2.365	12.6	20.1
11 17	4 36.36	+34 32.7	1.416	2.364	8.8	19.9
11 27	4 24.30	+35 40.7	1.396	2.364	6.1	19.8
12 7	4 11.57	+36 27.4	1.404	2.364	6.9	19.8
12 17	3 59.98	+36 52.5	1.438	2.366	10.2	20.0
12 27	3 51.12	+37 1.0	1.496	2.368	13.9	20.2
1 6	3 45.96	+36 59.9	1.575	2.370	17.2	20.5

179634 2002 PK_{94} 11 29.2 137°.53 4°.0/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.58	+31 14.8	1.661	2.491	15.5	20.6
11 7	4 46.99	+31 42.9	1.597	2.500	11.7	20.4
11 17	4 36.51	+31 57.9	1.556	2.508	7.7	20.2
11 27	4 24.27	+31 56.6	1.541	2.517	4.4	20.0
12 7	4 11.84	+31 39.2	1.555	2.524	5.1	20.1
12 17	4 0.75	+31 9.1	1.597	2.532	8.8	20.3
12 27	3 52.28	+30 32.9	1.665	2.538	12.6	20.6
1 6	3 47.11	+29 57.0	1.754	2.545	15.9	20.8

4621 Tambov 11 29.2 105°.88 1°.5/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.35	+19 10.7	1.705	2.554	14.2	17.6
11 7	4 44.09	+18 42.5	1.654	2.574	10.2	17.4
11 17	4 34.59	+18 11.1	1.627	2.594	5.8	17.2
11 27	4 23.89	+17 38.7	1.629	2.614	1.7	17.0
12 7	4 13.26	+17 8.5	1.659	2.632	4.2	17.2
12 17	4 3.89	+16 43.8	1.718	2.651	8.4	17.5
12 27	3 56.74	+16 27.5	1.803	2.669	12.2	17.7
1 6	3 52.30	+16 21.2	1.910	2.686	15.3	18.0

188987 2008 FY_{96} 11 29.2 143°.59 4°.6/27.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.61	+10 36.0	1.896	2.740	13.2	21.2
11 7	4 42.69	+ 9 45.6	1.839	2.751	9.9	21.1
11 17	4 33.77	+ 8 59.2	1.807	2.762	6.5	20.9
11 27	4 23.75	+ 8 20.9	1.803	2.773	4.6	20.8
12 7	4 13.70	+ 7 54.1	1.828	2.782	6.2	20.9
12 17	4 4.67	+ 7 41.1	1.881	2.791	9.4	21.1
12 27	3 57.52	+ 7 42.9	1.961	2.799	12.6	21.3
1 6	3 52.79	+ 7 58.4	2.061	2.807	15.3	21.6

24665 Tolerantia 11 29.2 53°.74 3°.2/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.39	+16 31.9	1.236	2.106	17.1	19.1
11 7	4 43.30	+15 52.5	1.191	2.120	12.4	18.9
11 17	4 34.37	+15 12.7	1.167	2.135	7.3	18.6
11 27	4 23.86	+14 36.7	1.168	2.151	3.3	18.4
12 7	4 13.41	+14 8.7	1.195	2.166	5.9	18.6
12 17	4 4.50	+13 52.5	1.247	2.182	10.7	18.9
12 27	3 58.30	+13 50.3	1.323	2.198	15.1	19.3
1 6	3 55.36	+14 1.9	1.418	2.215	18.7	19.5

319485 2006 QH_{19} 11 29.2 90°.28 4°.8/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.11	+11 29.7	1.422	2.278	16.2	20.8
11 7	4 44.84	+10 52.4	1.380	2.300	11.9	20.6
11 17	4 35.07	+10 20.6	1.361	2.322	7.5	20.4
11 27	4 23.98	+ 9 58.3	1.368	2.344	4.8	20.3
12 7	4 13.02	+ 9 48.6	1.403	2.365	6.7	20.5
12 17	4 3.52	+ 9 53.2	1.464	2.385	10.6	20.8
12 27	3 56.51	+10 12.2	1.549	2.406	14.4	21.1
1 6	3 52.49	+10 43.9	1.655	2.425	17.5	21.3

293286 2007 DM 11 29.2 294°.75 2°.6/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.59	+14 50.3	1.974	2.826	12.4	21.0
11 7	4 39.99	+14 32.4	1.899	2.819	9.1	20.8
11 17	4 32.37	+14 15.6	1.848	2.813	5.5	20.5
11 27	4 23.52	+14 2.0	1.826	2.807	2.7	20.3
12 7	4 14.43	+13 53.8	1.832	2.801	4.5	20.4
12 17	4 6.13	+13 52.9	1.866	2.794	8.2	20.7
12 27	3 59.55	+14 0.7	1.927	2.788	11.7	20.9
1 6	3 55.27	+14 17.7	2.010	2.782	14.8	21.1

54359 2000 KD_{36} 11 29.2 238°.79 2°.0/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.62	+16 31.9	2.111	2.958	11.9	19.8
11 7	4 40.66	+16 11.4	2.030	2.949	8.7	19.6
11 17	4 32.73	+15 50.1	1.975	2.940	5.1	19.3
11 27	4 23.59	+15 30.1	1.948	2.931	2.1	19.1
12 7	4 14.20	+15 13.3	1.950	2.921	4.1	19.2
12 17	4 5.56	+15 2.2	1.982	2.911	7.8	19.5
12 27	3 58.56	+14 58.8	2.041	2.901	11.3	19.7
1 6	3 53.80	+15 4.0	2.122	2.890	14.2	19.8

371308 2006 FM_{42} 11 29.2 130°.75 0°.1/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.12	+21 34.3	2.531	3.371	10.4	21.6
11 7	4 39.25	+21 29.5	2.462	3.377	7.5	21.4
11 17	4 31.78	+21 21.4	2.418	3.384	4.3	21.2
11 27	4 23.40	+21 10.4	2.404	3.389	0.8	21.0
12 7	4 14.90	+20 57.8	2.420	3.395	2.7	21.2
12 17	4 7.11	+20 45.5	2.466	3.401	6.1	21.4
12 27	4 0.75	+20 35.6	2.540	3.406	9.1	21.6
1 6	3 56.29	+20 29.9	2.638	3.411	11.6	21.8

113179 2002 RH_{104} 11 29.2 73°.87 2°.3/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.30	+18 23.9	1.365	2.224	16.5	18.9
11 7	4 45.01	+17 39.9	1.327	2.252	11.8	18.7
11 17	4 35.14	+16 53.5	1.312	2.279	6.7	18.5
11 27	4 23.99	+16 8.3	1.323	2.307	2.5	18.3
12 7	4 13.10	+15 28.9	1.362	2.334	5.1	18.5
12 17	4 3.84	+14 59.3	1.427	2.361	9.7	18.9
12 27	3 57.20	+14 42.5	1.518	2.387	13.9	19.2
1 6	3 53.66	+14 39.0	1.628	2.413	17.2	19.5

304185 2006 QC_{53} 11 29.2 200°.31 5°.1/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.31	+36 22.1	2.069	2.877	13.6	21.0
11 7	4 44.41	+36 46.4	1.991	2.875	10.7	20.8
11 17	4 34.99	+36 55.9	1.936	2.873	7.7	20.6
11 27	4 24.02	+36 47.5	1.908	2.870	5.4	20.4
12 7	4 12.77	+36 21.1	1.909	2.867	5.6	20.4
12 17	4 2.56	+35 39.6	1.939	2.864	8.1	20.6
12 27	3 54.52	+34 48.9	1.995	2.861	11.2	20.8
1 6	3 49.33	+33 55.8	2.074	2.858	14.0	21.0

225830 2001 XA_{57} 11 29.2 323°.47 1°.1/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.22	+19 16.9	1.345	2.213	16.1	19.5
11 7	4 42.13	+19 14.2	1.270	2.199	11.8	19.2
11 17	4 34.01	+19 9.1	1.216	2.186	6.8	18.9
11 27	4 23.88	+19 2.7	1.188	2.174	1.6	18.6
12 7	4 13.23	+18 56.8	1.185	2.162	4.7	18.7
12 17	4 3.69	+18 54.3	1.209	2.150	10.2	19.0
12 27	3 56.66	+18 58.3	1.255	2.140	15.1	19.3
1 6	3 53.01	+19 11.2	1.321	2.130	19.2	19.5

96978 1999 TW_{197} 11 29.2 286°.85 6°.4/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.02	+35 42.1	1.757	2.575	15.3	18.8
11 7	4 46.34	+36 48.9	1.674	2.562	12.2	18.6
11 17	4 36.46	+37 42.5	1.613	2.550	9.0	18.4
11 27	4 24.35	+38 17.0	1.579	2.537	6.7	18.2
12 7	4 11.52	+38 29.2	1.571	2.525	7.1	18.2
12 17	3 59.69	+38 20.0	1.591	2.513	9.9	18.4
12 27	3 50.38	+37 55.3	1.635	2.500	13.3	18.5
1 6	3 44.56	+37 22.9	1.701	2.488	16.5	18.7

436507 2011 FA_{17} 11 29.2 251°.94 0°.6/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.93	+19 36.1	1.539	2.394	15.2	21.0
11 7	4 44.46	+19 48.1	1.466	2.389	11.1	20.7
11 17	4 35.18	+19 58.3	1.416	2.384	6.3	20.4
11 27	4 24.08	+20 6.6	1.392	2.378	1.3	20.1
12 7	4 12.57	+20 13.5	1.397	2.373	4.2	20.3
12 17	4 2.15	+20 20.8	1.429	2.367	9.2	20.6
12 27	3 54.11	+20 31.2	1.486	2.362	13.7	20.8
1 6	3 49.21	+20 47.0	1.564	2.356	17.4	21.0

287875 2003 SV_{313} 11 29.2 175°.75 2°.1/30.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.52	+27 32.0	2.311	3.142	11.6	20.5
11 7	4 41.29	+27 55.9	2.235	3.142	8.6	20.3
11 17	4 33.09	+28 12.8	2.184	3.142	5.3	20.1
11 27	4 23.67	+28 21.5	2.162	3.143	2.4	19.9
12 7	4 14.01	+28 21.9	2.170	3.143	3.4	20.0
12 17	4 5.12	+28 15.6	2.207	3.143	6.6	20.2
12 27	3 57.89	+28 5.7	2.272	3.143	9.8	20.4
1 6	3 52.94	+27 55.5	2.361	3.143	12.6	20.6

108258 2001 HY_{50} 11 29.2 295°.26 1°.1/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.51	+20 31.6	2.178	3.027	11.6	19.2
11 7	4 39.04	+19 51.6	2.103	3.023	8.4	19.0
11 17	4 31.75	+19 6.9	2.053	3.020	4.7	18.8
11 27	4 23.41	+18 19.9	2.031	3.016	1.3	18.5
12 7	4 14.93	+17 33.6	2.039	3.013	3.5	18.7
12 17	4 7.24	+16 51.5	2.077	3.010	7.2	18.9
12 27	4 1.15	+16 17.0	2.141	3.006	10.6	19.1
1 6	3 57.19	+15 52.1	2.229	3.003	13.5	19.3

402220 2005 AV_{54} 11 29.2 7°.64 14°.1/ 8.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.63	+58 47.6	1.710	2.419	19.7	19.8
11 7	4 49.99	+59 42.0	1.649	2.421	17.9	19.6
11 17	4 38.75	+60 3.0	1.604	2.424	16.1	19.5
11 27	4 24.73	+59 42.0	1.578	2.428	14.7	19.4
12 7	4 10.62	+58 36.6	1.572	2.433	14.1	19.4
12 17	3 59.00	+56 51.4	1.588	2.439	14.4	19.5
12 27	3 51.60	+54 38.1	1.626	2.446	15.6	19.6
1 6	3 48.96	+52 10.6	1.685	2.454	17.3	19.7

435323 2007 VB_{5} 11 29.2 66°.02 9°.4/24.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.25	+ 2 18.6	1.617	2.451	15.6	21.2
11 7	4 44.29	− 0 7.2	1.603	2.494	12.4	21.1
11 17	4 34.46	− 2 16.4	1.614	2.537	10.0	21.1
11 27	4 23.86	− 3 59.9	1.653	2.580	9.4	21.2
12 7	4 13.71	− 5 12.4	1.720	2.622	10.7	21.3
12 17	4 5.01	− 5 52.6	1.812	2.663	12.9	21.6
12 27	3 58.51	− 6 3.3	1.926	2.704	15.2	21.8
1 6	3 54.57	− 5 49.7	2.059	2.743	17.1	22.1

442949 2013 CJ_{100} 11 29.2 18°.51 2°.1/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.87	+27 22.6	1.553	2.404	15.2	21.4
11 7	4 42.17	+27 21.6	1.489	2.407	11.3	21.2
11 17	4 33.80	+27 9.7	1.447	2.410	6.8	20.9
11 27	4 23.81	+26 46.5	1.431	2.414	2.6	20.7
12 7	4 13.65	+26 14.0	1.442	2.418	4.1	20.8
12 17	4 4.71	+25 36.5	1.480	2.422	8.6	21.1
12 27	3 58.17	+24 59.6	1.543	2.427	12.8	21.3
1 6	3 54.68	+24 28.2	1.628	2.433	16.3	21.6

91451 1999 RG_{38} 11 29.2 78°.43 1°.8/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.64	+27 4.1	2.079	2.914	12.6	19.8
11 7	4 42.03	+27 11.9	2.024	2.934	9.2	19.6
11 17	4 33.42	+27 11.6	1.993	2.954	5.5	19.4
11 27	4 23.72	+27 2.7	1.991	2.974	2.2	19.2
12 7	4 14.00	+26 46.3	2.019	2.993	3.3	19.3
12 17	4 5.31	+26 25.1	2.076	3.013	6.9	19.6
12 27	3 58.52	+26 2.9	2.160	3.032	10.2	19.8
1 6	3 54.14	+25 43.2	2.267	3.051	12.9	20.1

355478 2007 VZ_{320} 11 29.3 193°.16 0°.3/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.20	+20 0.4	1.841	2.689	13.4	20.9
11 7	4 42.79	+20 13.8	1.769	2.689	9.7	20.7
11 17	4 34.05	+20 25.2	1.721	2.688	5.5	20.5
11 27	4 23.87	+20 34.3	1.702	2.688	1.0	20.2
12 7	4 13.42	+20 41.8	1.711	2.687	3.6	20.4
12 17	4 3.90	+20 49.1	1.750	2.687	7.9	20.6
12 27	3 56.36	+20 58.4	1.814	2.686	11.8	20.9
1 6	3 51.48	+21 11.7	1.901	2.685	15.1	21.1

364885 2008 EJ_{43} 11 29.3 321°.71 3°.2/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.60	+15 13.9	1.632	2.494	14.0	21.1
11 7	4 39.70	+14 38.9	1.553	2.479	10.3	20.9
11 17	4 32.40	+14 3.6	1.498	2.464	6.3	20.6
11 27	4 23.57	+13 31.5	1.469	2.450	3.2	20.4
12 7	4 14.39	+13 6.3	1.467	2.436	5.4	20.5
12 17	4 6.09	+12 51.4	1.492	2.423	9.7	20.7
12 27	3 59.78	+12 49.1	1.542	2.410	13.7	20.9
1 6	3 56.17	+13 0.0	1.612	2.398	17.3	21.1

479455 2013 YD_{125} 11 29.3 39°.11 4°.5/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.78	+32 8.7	1.309	2.157	17.7	20.7
11 7	4 44.71	+32 20.9	1.254	2.166	13.5	20.5
11 17	4 35.37	+32 15.8	1.220	2.176	8.9	20.2
11 27	4 24.11	+31 50.9	1.210	2.186	5.0	20.0
12 7	4 12.75	+31 8.2	1.226	2.197	5.7	20.1
12 17	4 3.06	+30 13.7	1.267	2.209	9.8	20.4
12 27	3 56.37	+29 16.0	1.333	2.221	14.1	20.7
1 6	3 53.32	+28 22.9	1.418	2.233	17.8	20.9

321171 2008 VN_{72} 11 29.3 84°.86 1°.4/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.53	+19 20.9	1.647	2.500	14.4	20.2
11 7	4 42.92	+18 55.2	1.595	2.518	10.4	20.0
11 17	4 34.00	+18 26.4	1.567	2.535	5.9	19.8
11 27	4 23.84	+17 56.6	1.566	2.551	1.6	19.5
12 7	4 13.70	+17 28.7	1.594	2.568	4.2	19.7
12 17	4 4.79	+17 6.2	1.650	2.585	8.5	20.0
12 27	3 58.09	+16 51.9	1.731	2.601	12.4	20.3
1 6	3 54.13	+16 47.4	1.834	2.617	15.6	20.6

363007 2013 DY_{15} 11 29.3 252°.45 1°.5/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.18	+28 23.6	2.057	2.892	12.7	20.5
11 7	4 41.96	+27 52.1	1.970	2.880	9.5	20.3
11 17	4 33.53	+27 9.0	1.907	2.868	5.7	20.0
11 27	4 23.78	+26 14.6	1.872	2.856	2.0	19.8
12 7	4 13.80	+25 11.9	1.867	2.843	3.4	19.9
12 17	4 4.72	+24 5.3	1.892	2.830	7.4	20.1
12 27	3 57.54	+23 0.9	1.944	2.818	11.1	20.3
1 6	3 52.87	+22 3.4	2.020	2.804	14.3	20.5

45707 2000 FZ_{31} 11 29.3 2°.60 2°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.22	+13 19.5	1.853	2.706	13.1	18.0
11 7	4 40.54	+13 33.8	1.785	2.705	9.6	17.7
11 17	4 32.75	+13 52.5	1.741	2.705	5.8	17.5
11 27	4 23.64	+14 16.3	1.724	2.706	2.7	17.3
12 7	4 14.30	+14 45.6	1.736	2.707	4.5	17.5
12 17	4 5.80	+15 20.6	1.777	2.708	8.3	17.7
12 27	3 59.13	+16 1.3	1.844	2.711	11.9	17.9
1 6	3 54.90	+16 47.3	1.933	2.713	15.0	18.1

70395 1999 RM_{238} 11 29.3 44°.27 10°.7/25.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.89	− 3 11.8	1.580	2.412	16.0	19.1
11 7	4 40.33	− 4 29.4	1.535	2.418	13.4	18.9
11 17	4 32.58	− 5 28.4	1.512	2.425	11.4	18.8
11 27	4 23.59	− 6 1.4	1.512	2.431	10.7	18.8
12 7	4 14.56	− 6 4.6	1.537	2.438	11.8	18.9
12 17	4 6.60	− 5 37.7	1.585	2.446	13.9	19.0
12 27	4 0.67	− 4 44.1	1.655	2.453	16.4	19.2
1 6	3 57.31	− 3 29.6	1.743	2.461	18.7	19.4

466927 2016 AQ_{7} 11 29.3 44°.89 5°.6/28.3 18

10 28	4 47.50	+ 5 8.8	1.826	2.668	13.8	19.9
11 7	4 41.19	+ 5 9.2	1.781	2.688	10.5	19.8
11 17	4 32.94	+ 5 20.5	1.760	2.708	7.4	19.6
11 27	4 23.66	+ 5 44.8	1.766	2.729	5.6	19.6
12 7	4 14.39	+ 6 22.6	1.800	2.750	6.7	19.7
12 17	4 6.14	+ 7 13.0	1.861	2.772	9.5	19.9
12 27	3 59.76	+ 8 13.9	1.949	2.793	12.4	20.1
1 6	3 55.74	+ 9 22.7	2.058	2.815	15.0	20.3

310042 2010 GK_{127} 11 29.3 56°.06 7°.4/26.4 15

10 28	4 47.81	+ 6 39.8	1.518	2.371	15.4	20.6
11 7	4 41.46	+ 5 4.5	1.490	2.401	11.8	20.5
11 17	4 33.05	+ 3 39.9	1.486	2.432	8.7	20.4
11 27	4 23.65	+ 2 33.2	1.508	2.463	7.4	20.4
12 7	4 14.51	+ 1 49.2	1.557	2.493	8.9	20.5
12 17	4 6.70	+ 1 29.7	1.631	2.524	11.7	20.8
12 27	4 1.06	+ 1 33.5	1.728	2.555	14.6	21.0
1 6	3 57.98	+ 1 56.8	1.845	2.586	17.0	21.3

187330 2005 UN_{84} 11 29.3 164°.48 0°.7/28.9 18

10 28	4 46.33	+20 22.6	2.359	3.201	11.0	21.6
11 7	4 40.22	+20 5.2	2.287	3.204	8.0	21.4
11 17	4 32.40	+19 44.5	2.241	3.207	4.5	21.2
11 27	4 23.57	+19 21.6	2.225	3.210	1.0	20.9
12 7	4 14.62	+18 58.6	2.238	3.213	3.1	21.1
12 17	4 6.44	+18 37.7	2.282	3.215	6.6	21.3
12 27	3 59.79	+18 21.3	2.353	3.217	9.8	21.5
1 6	3 55.18	+18 11.3	2.448	3.218	12.5	21.7

493221 2014 US_{61} 11 29.3 327°.64 2°.1/29.8 18

10 28	4 47.50	+26 0.2	2.018	2.858	12.7	21.0
11 7	4 41.63	+26 38.0	1.937	2.849	9.4	20.7
11 17	4 33.48	+27 10.4	1.880	2.841	5.8	20.5
11 27	4 23.82	+27 35.3	1.851	2.833	2.4	20.3
12 7	4 13.77	+27 51.9	1.851	2.825	3.7	20.3
12 17	4 4.48	+28 1.2	1.880	2.818	7.5	20.6
12 27	3 57.03	+28 6.0	1.936	2.810	11.1	20.8
1 6	3 52.14	+28 9.5	2.014	2.804	14.2	21.0

366667 2003 TR_{26} 11 29.3 99°.56 3°.6/ 1.0 17

10 28	4 47.50	+33 32.7	2.301	3.118	12.1	21.2
11 7	4 41.31	+33 39.6	2.228	3.122	9.3	21.0
11 17	4 33.10	+33 34.3	2.180	3.126	6.3	20.9
11 27	4 23.72	+33 15.7	2.160	3.131	3.9	20.7
12 7	4 14.21	+32 44.6	2.169	3.135	4.2	20.7
12 17	4 5.61	+32 3.9	2.207	3.139	6.9	20.9
12 27	3 58.80	+31 18.4	2.272	3.143	9.8	21.1
1 6	3 54.35	+30 33.0	2.362	3.147	12.5	21.3

344092 1999 NK_{2} 11 29.3 35°.84 4°.9/27.1 18

10 28	4 46.22	+15 10.2	1.335	2.205	16.1	18.7
11 7	4 40.83	+13 30.1	1.288	2.217	11.8	18.5
11 17	4 32.93	+11 49.2	1.264	2.229	7.4	18.3
11 27	4 23.68	+10 15.4	1.266	2.242	4.9	18.2
12 7	4 14.51	+ 8 56.7	1.294	2.256	7.2	18.4
12 17	4 6.71	+ 7 59.0	1.349	2.270	11.3	18.6
12 27	4 1.31	+ 7 25.0	1.426	2.285	15.2	18.9
1 6	3 58.80	+ 7 13.4	1.522	2.300	18.5	19.2

103262 2000 AM_{24} 11 29.3 275°.33 4°.8/ 1.6 18

10 28	4 50.42	+36 24.5	1.861	2.677	14.6	19.2
11 7	4 44.01	+36 15.6	1.773	2.664	11.5	19.0
11 17	4 34.89	+35 48.2	1.708	2.651	8.1	18.7
11 27	4 24.09	+35 0.1	1.670	2.637	5.2	18.6
12 7	4 12.99	+33 52.6	1.659	2.624	5.4	18.5
12 17	4 3.03	+32 31.0	1.677	2.611	8.5	18.7
12 27	3 55.42	+31 3.4	1.721	2.598	12.1	18.9
1 6	3 50.85	+29 38.0	1.789	2.584	15.4	19.1

481640 2007 VJ_{91} 11 29.3 53°.99 4°.0/30.4 18

10 28	4 51.81	+30 12.1	1.544	2.384	15.9	20.6
11 7	4 45.06	+30 50.8	1.492	2.401	12.0	20.4
11 17	4 35.45	+31 17.1	1.463	2.418	7.7	20.2
11 27	4 24.18	+31 27.9	1.459	2.436	4.3	20.0
12 7	4 12.81	+31 23.2	1.483	2.453	5.1	20.1
12 17	4 2.86	+31 6.3	1.534	2.471	8.8	20.4
12 27	3 55.54	+30 42.9	1.610	2.489	12.6	20.7
1 6	3 51.48	+30 19.0	1.708	2.507	15.9	20.9

62746 2000 UE_{2} 11 29.3 35°.98 0°.2/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.61	+21 20.0	1.790	2.643	13.4	18.5
11 7	4 40.88	+21 17.3	1.728	2.650	9.7	18.2
11 17	4 32.94	+21 10.6	1.690	2.657	5.5	18.0
11 27	4 23.71	+21 0.5	1.679	2.665	1.0	17.7
12 7	4 14.35	+20 48.7	1.697	2.673	3.5	17.9
12 17	4 6.00	+20 37.8	1.743	2.682	7.8	18.2
12 27	3 59.64	+20 30.4	1.814	2.690	11.6	18.5
1 6	3 55.84	+20 29.0	1.908	2.699	14.8	18.7

345311 2005 XU_{37} 11 29.3 201°.64 0°.1/29.2 18

10 28	4 49.99	+21 44.0	1.944	2.787	13.0	21.9
11 7	4 43.30	+21 38.3	1.866	2.783	9.5	21.7
11 17	4 34.34	+21 27.9	1.814	2.780	5.4	21.5
11 27	4 23.99	+21 13.2	1.790	2.776	1.0	21.1
12 7	4 13.38	+20 56.0	1.795	2.771	3.5	21.3
12 17	4 3.68	+20 38.7	1.830	2.766	7.7	21.6
12 27	3 55.91	+20 24.7	1.891	2.760	11.6	21.8
1 6	3 50.72	+20 16.7	1.976	2.754	14.8	22.0

407625 2011 CU_{70} 11 29.3 37°.79 5°.1/ 1.7 17

10 28	4 48.22	+36 49.9	1.954	2.768	14.0	20.3
11 7	4 42.13	+37 0.2	1.891	2.778	11.0	20.1
11 17	4 33.67	+36 54.1	1.850	2.788	7.9	19.9
11 27	4 23.85	+36 29.7	1.836	2.799	5.4	19.8
12 7	4 13.95	+35 48.0	1.850	2.810	5.5	19.8
12 17	4 5.23	+34 53.2	1.891	2.821	8.0	20.0
12 27	3 58.71	+33 51.8	1.959	2.833	11.0	20.2
1 6	3 54.94	+32 50.2	2.050	2.844	13.8	20.4

15575 2000 GC_{68} 11 29.3 54°.52 3°.0/28.2 18

10 28	4 46.90	+15 30.6	1.634	2.493	14.2	17.5
11 7	4 41.01	+14 52.3	1.586	2.509	10.3	17.3
11 17	4 32.95	+14 14.6	1.561	2.526	6.1	17.1
11 27	4 23.71	+13 40.8	1.562	2.543	3.1	16.9
12 7	4 14.49	+13 14.5	1.592	2.560	5.1	17.1
12 17	4 6.44	+12 58.4	1.649	2.578	9.0	17.3
12 27	4 0.47	+12 54.2	1.731	2.595	12.7	17.6
1 6	3 57.08	+13 1.9	1.834	2.613	15.7	17.9

241895 2001 WF_{43} 11 29.3 5°.22 0°.8/29.1 18

10 28	4 46.61	+17 58.9	1.338	2.207	16.1	18.9
11 7	4 41.55	+18 30.3	1.277	2.207	11.7	18.7
11 17	4 33.62	+19 3.1	1.239	2.209	6.7	18.4
11 27	4 23.88	+19 36.4	1.225	2.211	1.4	18.1
12 7	4 13.81	+20 9.8	1.238	2.215	4.4	18.3
12 17	4 4.94	+20 43.6	1.277	2.220	9.5	18.6
12 27	3 58.57	+21 18.7	1.339	2.226	14.1	18.9
1 6	3 55.43	+21 56.6	1.422	2.234	17.9	19.1

68993 2002 TF_{72} 11 29.3 317°.97 5°.5/ 1.2 17

10 28	4 48.74	+35 2.7	1.620	2.450	15.7	18.7
11 7	4 43.23	+35 27.1	1.537	2.435	12.4	18.4
11 17	4 34.68	+35 35.3	1.475	2.420	8.8	18.2
11 27	4 24.10	+35 23.2	1.438	2.406	5.9	18.0
12 7	4 13.01	+34 50.4	1.428	2.392	6.2	18.0
12 17	4 3.03	+34 0.6	1.444	2.379	9.5	18.1
12 27	3 55.61	+33 1.2	1.485	2.366	13.4	18.3
1 6	3 51.57	+32 0.6	1.547	2.354	16.9	18.5

324845 2007 KD_{4} 11 29.3 231°.71 3°.4/27.5 18

10 28	4 43.91	+12 40.9	2.406	3.251	10.7	20.9
11 7	4 38.46	+11 51.4	2.330	3.245	7.9	20.8
11 17	4 31.42	+11 2.8	2.280	3.239	5.1	20.6
11 27	4 23.44	+10 18.5	2.259	3.232	3.4	20.4
12 7	4 15.32	+ 9 41.7	2.267	3.226	4.8	20.5
12 17	4 7.85	+ 9 14.8	2.305	3.219	7.7	20.7
12 27	4 1.76	+ 8 59.6	2.370	3.212	10.6	20.9
1 6	3 57.54	+ 8 56.4	2.457	3.205	13.1	21.0

327546 2006 BL_{258} 11 29.3 212°.34 0°.7/28.9 17

10 28	4 45.34	+19 47.6	2.486	3.327	10.5	21.7
11 7	4 39.53	+19 40.5	2.407	3.324	7.6	21.5
11 17	4 32.05	+19 31.0	2.354	3.320	4.3	21.2
11 27	4 23.56	+19 19.9	2.330	3.316	1.0	21.0
12 7	4 14.90	+19 8.6	2.337	3.312	3.0	21.1
12 17	4 6.89	+18 59.0	2.374	3.307	6.4	21.4
12 27	4 0.29	+18 52.8	2.439	3.303	9.5	21.6
1 6	3 55.63	+18 51.8	2.527	3.298	12.1	21.7

164861 1999 TL_{260} 11 29.3 75°.62 0°.0/29.1 18

10 28	4 51.86	+21 9.3	1.652	2.501	14.6	20.2
11 7	4 44.60	+21 17.6	1.606	2.526	10.5	20.0
11 17	4 34.98	+21 21.9	1.585	2.551	5.9	19.8
11 27	4 24.09	+21 22.2	1.590	2.576	1.1	19.5
12 7	4 13.27	+21 19.7	1.625	2.601	3.7	19.8
12 17	4 3.77	+21 16.6	1.688	2.626	8.1	20.1
12 27	3 56.58	+21 16.0	1.777	2.650	12.0	20.4
1 6	3 52.23	+21 20.1	1.888	2.674	15.1	20.7

101289 1998 SL_{125} 11 29.3 357°.68 0°.3/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 44.19	+20 44.3	0.951	1.840	19.2	18.5
11 7	4 40.70	+21 11.8	0.894	1.834	14.1	18.2
11 17	4 33.52	+21 36.9	0.856	1.829	8.1	17.8
11 27	4 23.90	+21 58.5	0.840	1.826	1.6	17.4
12 7	4 13.77	+22 16.7	0.847	1.826	5.1	17.7
12 17	4 5.20	+22 33.3	0.876	1.827	11.4	18.0
12 27	3 59.86	+22 51.5	0.925	1.830	17.0	18.3
1 6	3 58.62	+23 14.0	0.992	1.836	21.6	18.7

59447 1999 GV_{32} 11 29.3 276°.07 9°.2/25.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.57	+ 0 46.2	1.651	2.490	15.1	19.1
11 7	4 41.01	− 0 28.0	1.582	2.477	12.3	18.9
11 17	4 33.13	− 1 29.8	1.535	2.464	10.0	18.7
11 27	4 23.79	− 2 11.7	1.513	2.450	9.2	18.7
12 7	4 14.14	− 2 28.6	1.518	2.437	10.6	18.7
12 17	4 5.36	− 2 18.2	1.546	2.423	13.2	18.8
12 27	3 58.54	− 1 41.8	1.597	2.410	16.2	19.0
1 6	3 54.33	− 0 43.5	1.667	2.396	19.0	19.2

265202 2004 BN_{102} 11 29.3 353°.14 6°.8/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.26	+35 28.4	1.196	2.043	19.1	19.7
11 7	4 45.00	+36 1.0	1.132	2.039	15.1	19.5
11 17	4 35.91	+36 12.6	1.087	2.036	10.7	19.2
11 27	4 24.34	+35 57.8	1.065	2.034	7.3	19.0
12 7	4 12.33	+35 16.4	1.066	2.032	7.6	19.0
12 17	4 2.02	+34 14.2	1.092	2.031	11.3	19.2
12 27	3 55.10	+33 2.2	1.140	2.031	15.7	19.5
1 6	3 52.35	+31 51.2	1.207	2.032	19.7	19.7

353121 2009 FO_{37} 11 29.3 46°.61 3°.6/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.65	+13 6.1	1.734	2.590	13.7	20.8
11 7	4 40.89	+12 37.3	1.672	2.593	10.1	20.6
11 17	4 32.95	+12 11.2	1.634	2.597	6.3	20.4
11 27	4 23.75	+11 50.9	1.623	2.601	3.7	20.3
12 7	4 14.40	+11 39.3	1.640	2.605	5.5	20.4
12 17	4 6.04	+11 38.4	1.685	2.610	9.2	20.6
12 27	3 59.63	+11 49.2	1.754	2.614	12.8	20.9
1 6	3 55.74	+12 11.4	1.845	2.619	15.9	21.1

264197 2010 JL_{73} 11 29.3 51°.74 6°.5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.30	+ 4 58.6	1.519	2.367	15.7	19.5
11 7	4 42.81	+ 4 48.8	1.476	2.385	12.0	19.4
11 17	4 34.00	+ 4 51.9	1.455	2.404	8.5	19.2
11 27	4 23.93	+ 5 10.9	1.459	2.423	6.5	19.1
12 7	4 13.89	+ 5 46.8	1.491	2.442	7.8	19.3
12 17	4 5.09	+ 6 38.3	1.549	2.461	10.9	19.5
12 27	3 58.51	+ 7 42.8	1.632	2.481	14.2	19.7
1 6	3 54.68	+ 8 56.8	1.735	2.501	17.0	20.0

60631 2000 FC_{26} 11 29.3 151°.61 3°.5/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.13	+31 18.4	2.168	2.988	12.7	19.4
11 7	4 44.09	+31 49.0	2.096	2.994	9.6	19.2
11 17	4 34.79	+32 9.3	2.050	2.999	6.4	19.0
11 27	4 24.11	+32 17.1	2.031	3.004	3.8	18.9
12 7	4 13.20	+32 11.9	2.041	3.009	4.3	18.9
12 17	4 3.23	+31 56.0	2.082	3.013	7.3	19.1
12 27	3 55.20	+31 33.5	2.149	3.017	10.4	19.3
1 6	3 49.76	+31 9.2	2.240	3.020	13.2	19.5

16129 Kevingao 11 29.3 68°.14 0°.8/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.91	+25 26.5	1.298	2.154	17.3	18.0
11 7	4 45.80	+25 0.6	1.256	2.178	12.6	17.8
11 17	4 35.77	+24 23.7	1.235	2.202	7.2	17.6
11 27	4 24.25	+23 37.4	1.241	2.226	1.7	17.3
12 7	4 12.95	+22 46.3	1.273	2.250	4.2	17.6
12 17	4 3.41	+21 56.4	1.332	2.274	9.4	17.9
12 27	3 56.75	+21 13.9	1.415	2.298	13.8	18.3
1 6	3 53.45	+20 42.5	1.519	2.321	17.4	18.6

112214 2002 JD_{136} 11 29.3 108°.72 2°.2/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.00	+17 23.7	1.522	2.376	15.3	20.1
11 7	4 44.88	+16 58.2	1.470	2.392	11.1	19.9
11 17	4 35.23	+16 31.3	1.441	2.407	6.4	19.7
11 27	4 24.17	+16 5.5	1.439	2.422	2.4	19.5
12 7	4 13.12	+15 43.9	1.465	2.437	4.8	19.7
12 17	4 3.42	+15 29.6	1.519	2.451	9.3	20.0
12 27	3 56.12	+15 25.0	1.597	2.465	13.4	20.3
1 6	3 51.80	+15 31.1	1.697	2.478	16.8	20.5

436436 2011 BS_{88} 11 29.3 165°.61 1°.0/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.35	+25 48.5	1.646	2.491	14.8	21.4
11 7	4 44.55	+25 26.2	1.577	2.494	10.9	21.2
11 17	4 35.14	+24 53.7	1.532	2.496	6.4	20.9
11 27	4 24.18	+24 11.5	1.513	2.498	1.7	20.6
12 7	4 13.07	+23 22.7	1.524	2.500	3.8	20.8
12 17	4 3.19	+22 32.3	1.562	2.502	8.5	21.0
12 27	3 55.68	+21 46.2	1.627	2.503	12.7	21.3
1 6	3 51.17	+21 8.8	1.713	2.503	16.2	21.5

191512 2003 UA_{87} 11 29.3 49°.89 3°.2/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.06	+13 25.9	1.943	2.796	12.6	20.2
11 7	4 39.44	+12 57.8	1.893	2.813	9.2	20.0
11 17	4 32.00	+12 32.2	1.868	2.831	5.6	19.9
11 27	4 23.57	+12 11.8	1.871	2.849	3.2	19.8
12 7	4 15.15	+11 58.9	1.902	2.867	4.9	19.9
12 17	4 7.67	+11 55.4	1.961	2.885	8.1	20.1
12 27	4 1.92	+12 2.1	2.046	2.904	11.3	20.4
1 6	3 58.38	+12 18.7	2.153	2.922	14.0	20.6

482993 2014 OO_{372} 11 29.3 116°.34 2°.9/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.30	+32 42.2	2.236	3.054	12.4	21.1
11 7	4 42.51	+32 24.1	2.169	3.066	9.4	20.9
11 17	4 33.75	+31 53.1	2.127	3.078	6.1	20.8
11 27	4 23.91	+31 9.0	2.114	3.090	3.3	20.6
12 7	4 14.09	+30 13.9	2.130	3.101	3.8	20.7
12 17	4 5.31	+29 12.2	2.177	3.112	6.7	20.9
12 27	3 58.43	+28 9.2	2.251	3.123	9.9	21.1
1 6	3 53.93	+27 10.0	2.350	3.134	12.6	21.3

274803 2008 WT_{113} 11 29.3 173°.30 0°.5/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.13	+19 59.7	2.915	3.752	9.3	21.4
11 7	4 38.44	+19 54.9	2.839	3.754	6.7	21.2
11 17	4 31.37	+19 48.1	2.790	3.756	3.8	21.1
11 27	4 23.48	+19 39.9	2.771	3.757	0.8	20.8
12 7	4 15.47	+19 31.2	2.783	3.758	2.5	21.0
12 17	4 8.02	+19 23.6	2.826	3.759	5.5	21.2
12 27	4 1.78	+19 18.7	2.897	3.759	8.2	21.4
1 6	3 57.18	+19 17.8	2.993	3.759	10.5	21.5

61466 2000 QZ_{32} 11 29.3 141°.50 1°.0/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.09	+23 24.3	1.821	2.662	13.8	19.0
11 7	4 44.94	+23 46.2	1.755	2.670	10.1	18.8
11 17	4 35.33	+24 2.9	1.713	2.677	5.9	18.6
11 27	4 24.25	+24 13.3	1.698	2.683	1.6	18.3
12 7	4 12.94	+24 17.6	1.713	2.689	3.6	18.5
12 17	4 2.70	+24 17.5	1.758	2.695	7.9	18.7
12 27	3 54.61	+24 16.4	1.829	2.701	11.7	19.0
1 6	3 49.32	+24 17.5	1.922	2.706	15.0	19.2

368061 2012 HZ_{63} 11 29.3 230°.59 0°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.01	+19 26.3	2.569	3.410	10.3	21.8
11 7	4 39.29	+19 9.2	2.485	3.401	7.4	21.6
11 17	4 31.94	+18 49.5	2.427	3.392	4.2	21.4
11 27	4 23.61	+18 28.4	2.398	3.383	1.1	21.1
12 7	4 15.09	+18 7.7	2.400	3.373	3.0	21.2
12 17	4 7.17	+17 49.4	2.432	3.364	6.3	21.5
12 27	4 0.61	+17 35.6	2.492	3.353	9.4	21.6
1 6	3 55.92	+17 28.1	2.576	3.343	12.0	21.8

184774 2005 TG_{17} 11 29.3 66°.25 1°.4/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.68	+18 23.8	1.911	2.762	12.8	20.3
11 7	4 40.79	+18 9.5	1.848	2.770	9.3	20.1
11 17	4 32.87	+17 53.4	1.810	2.777	5.3	19.8
11 27	4 23.78	+17 37.2	1.800	2.785	1.6	19.6
12 7	4 14.58	+17 22.9	1.819	2.793	3.8	19.8
12 17	4 6.32	+17 12.7	1.866	2.800	7.8	20.0
12 27	3 59.90	+17 8.9	1.940	2.808	11.3	20.3
1 6	3 55.86	+17 12.7	2.036	2.816	14.3	20.5

185209 2006 TA_{48} 11 29.3 354°.17 0°.0/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.11	+22 5.8	1.786	2.638	13.5	20.5
11 7	4 41.37	+21 59.9	1.716	2.637	9.9	20.3
11 17	4 33.33	+21 49.1	1.669	2.636	5.6	20.1
11 27	4 23.89	+21 33.8	1.650	2.635	1.1	19.8
12 7	4 14.23	+21 16.1	1.658	2.635	3.6	19.9
12 17	4 5.54	+20 58.6	1.696	2.635	8.0	20.2
12 27	3 58.85	+20 44.7	1.758	2.635	11.9	20.5
1 6	3 54.79	+20 37.1	1.843	2.635	15.2	20.7

280851 2005 UO_{270} 11 29.3 236°.52 0°.1/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.36	+21 39.2	1.730	2.578	14.1	21.7
11 7	4 43.90	+21 34.1	1.650	2.570	10.3	21.5
11 17	4 34.88	+21 24.1	1.594	2.561	5.9	21.2
11 27	4 24.22	+21 9.6	1.566	2.551	1.1	20.9
12 7	4 13.19	+20 52.3	1.566	2.542	3.8	21.1
12 17	4 3.12	+20 35.0	1.594	2.532	8.5	21.3
12 27	3 55.19	+20 21.4	1.648	2.521	12.7	21.5
1 6	3 50.12	+20 14.6	1.725	2.511	16.3	21.8

389668 2011 PE_{8} 11 29.3 263°.79 1°.9/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.53	+18 15.4	1.790	2.643	13.5	21.1
11 7	4 41.70	+17 42.9	1.710	2.632	9.8	20.8
11 17	4 33.56	+17 7.2	1.654	2.621	5.7	20.5
11 27	4 23.96	+16 30.9	1.626	2.610	2.0	20.3
12 7	4 14.06	+15 57.1	1.627	2.599	4.4	20.4
12 17	4 5.05	+15 29.5	1.655	2.588	8.7	20.7
12 27	3 57.99	+15 11.3	1.710	2.576	12.7	20.9
1 6	3 53.54	+15 4.3	1.786	2.565	16.1	21.1

61218 2000 OH_{11} 11 29.3 80°.83 2°.3/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.67	+28 59.7	1.574	2.414	15.6	18.9
11 7	4 45.39	+28 44.4	1.525	2.437	11.5	18.7
11 17	4 35.52	+28 16.2	1.499	2.460	7.0	18.5
11 27	4 24.29	+27 35.0	1.500	2.482	2.8	18.2
12 7	4 13.19	+26 44.2	1.529	2.504	4.1	18.4
12 17	4 3.61	+25 49.4	1.586	2.526	8.3	18.7
12 27	3 56.60	+24 56.9	1.668	2.547	12.3	19.0
1 6	3 52.65	+24 12.0	1.773	2.568	15.6	19.2

493745 2015 TB_{222} 11 29.3 197°.57 4°.4/30.8 18

10 28	4 53.10	+34 24.7	2.325	3.130	12.4	21.5
11 7	4 45.61	+35 4.8	2.242	3.127	9.7	21.4
11 17	4 35.76	+35 33.4	2.185	3.123	6.8	21.2
11 27	4 24.39	+35 47.3	2.155	3.119	4.7	21.0
12 7	4 12.65	+35 45.5	2.155	3.114	5.0	21.1
12 17	4 1.75	+35 29.6	2.185	3.108	7.5	21.2
12 27	3 52.77	+35 4.0	2.243	3.102	10.4	21.4
1 6	3 46.41	+34 34.0	2.324	3.096	13.1	21.5

146130 2000 RG_{93} 11 29.3 55°.76 2°.2/30.3 18 R

10 28	4 47.89	+28 56.9	1.865	2.704	13.6	19.8
11 7	4 41.85	+28 48.8	1.801	2.712	10.1	19.6
11 17	4 33.55	+28 29.7	1.760	2.720	6.2	19.4
11 27	4 23.94	+27 59.3	1.747	2.729	2.7	19.2
12 7	4 14.26	+27 19.7	1.762	2.737	3.7	19.3
12 17	4 5.66	+26 35.0	1.806	2.746	7.5	19.5
12 27	3 59.14	+25 50.4	1.876	2.754	11.2	19.8
1 6	3 55.26	+25 10.5	1.969	2.763	14.3	20.0

473678 2015 XH_{368} 11 29.3 343°.37 2°.2/30.4 17

10 28	4 46.44	+29 39.2	1.930	2.767	13.3	21.3
11 7	4 40.84	+29 20.3	1.854	2.764	9.9	21.1
11 17	4 33.01	+28 49.3	1.802	2.761	6.2	20.9
11 27	4 23.85	+28 6.3	1.777	2.758	2.7	20.6
12 7	4 14.53	+27 13.8	1.781	2.756	3.7	20.7
12 17	4 6.20	+26 16.2	1.813	2.754	7.4	20.9
12 27	3 59.84	+25 19.0	1.873	2.752	11.1	21.2
1 6	3 56.05	+24 27.4	1.955	2.750	14.3	21.4

267170 2000 HF_{103} 11 29.3 188°.73 3°.9/28.0 18

10 28	4 49.35	+12 20.4	1.802	2.650	13.6	21.0
11 7	4 42.86	+11 49.3	1.733	2.650	10.1	20.8
11 17	4 34.13	+11 21.1	1.688	2.649	6.4	20.5
11 27	4 24.07	+10 59.0	1.671	2.648	3.9	20.4
12 7	4 13.81	+10 46.0	1.683	2.646	5.7	20.5
12 17	4 4.49	+10 44.0	1.723	2.644	9.3	20.7
12 27	3 57.12	+10 54.4	1.788	2.641	12.9	20.9
1 6	3 52.32	+11 16.7	1.875	2.638	16.0	21.1

373278 2012 HL_{39} 11 29.3 188°.81 2°.2/27.9 18

10 28	4 43.88	+16 1.5	2.806	3.646	9.5	21.0
11 7	4 38.26	+15 11.8	2.730	3.646	6.9	20.8
11 17	4 31.28	+14 20.8	2.682	3.644	4.1	20.6
11 27	4 23.52	+13 31.0	2.663	3.643	2.2	20.5
12 7	4 15.68	+12 45.4	2.676	3.641	3.6	20.6
12 17	4 8.44	+12 6.3	2.719	3.639	6.4	20.8
12 27	4 2.42	+11 36.1	2.790	3.636	9.0	20.9
1 6	3 58.05	+11 15.7	2.886	3.633	11.3	21.1

160043 1999 OC_{2} 11 29.3 78°.66 2°.0/30.3 18

10 28	4 53.29	+29 47.0	1.709	2.542	14.9	19.4
11 7	4 45.51	+29 8.6	1.664	2.572	11.0	19.2
11 17	4 35.44	+28 16.7	1.643	2.602	6.6	19.1
11 27	4 24.27	+27 12.7	1.650	2.632	2.5	18.9
12 7	4 13.40	+26 1.0	1.686	2.661	3.7	19.0
12 17	4 4.04	+24 47.9	1.751	2.690	7.8	19.3
12 27	3 57.12	+23 39.8	1.844	2.719	11.5	19.6
1 6	3 53.05	+22 41.7	1.959	2.746	14.6	19.9

200053 2008 PK_{6} 11 29.3 105°.09 0°.3/29.2 18

10 28	4 51.90	+22 6.3	1.764	2.609	14.0	21.6
11 7	4 44.56	+21 45.6	1.713	2.630	10.1	21.4
11 17	4 34.98	+21 19.2	1.685	2.651	5.7	21.2
11 27	4 24.21	+20 48.5	1.686	2.672	1.1	20.9
12 7	4 13.51	+20 16.2	1.716	2.691	3.6	21.2
12 17	4 4.06	+19 46.0	1.775	2.711	7.9	21.5
12 27	3 56.81	+19 21.5	1.860	2.729	11.7	21.7
1 6	3 52.26	+19 5.3	1.968	2.747	14.8	22.0

398593 2011 WS_{86} 11 29.3 124°.27 0°.7/28.9 18

10 28	4 47.72	+21 5.1	2.008	2.854	12.5	21.4
11 7	4 41.47	+20 37.8	1.943	2.862	9.0	21.2
11 17	4 33.25	+20 5.8	1.903	2.869	5.1	21.0
11 27	4 23.90	+19 30.9	1.891	2.877	1.1	20.7
12 7	4 14.48	+18 55.9	1.910	2.885	3.5	20.9
12 17	4 6.01	+18 23.9	1.957	2.892	7.4	21.2
12 27	3 59.36	+17 58.2	2.031	2.899	11.0	21.4
1 6	3 55.06	+17 41.0	2.128	2.905	13.9	21.7

108267 2001 HE_{55} 11 29.3 186°.96 0°.8/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.85	+19 6.6	1.630	2.480	14.7	20.0
11 7	4 45.01	+19 14.3	1.560	2.480	10.7	19.7
11 17	4 35.52	+19 20.4	1.513	2.480	6.1	19.4
11 27	4 24.36	+19 25.0	1.494	2.479	1.3	19.1
12 7	4 12.90	+19 28.9	1.503	2.478	4.1	19.3
12 17	4 2.52	+19 34.0	1.540	2.477	8.8	19.6
12 27	3 54.42	+19 42.8	1.603	2.475	13.1	19.9
1 6	3 49.30	+19 57.3	1.688	2.473	16.6	20.1

285564 2000 KJ_{70} 11 29.3 185°.17 0°.7/29.5 18

10 28	4 49.96	+22 56.5	2.387	3.219	11.2	21.1
11 7	4 43.03	+23 18.4	2.308	3.219	8.2	20.9
11 17	4 34.16	+23 36.7	2.256	3.219	4.8	20.7
11 27	4 24.10	+23 50.4	2.233	3.218	1.2	20.5
12 7	4 13.78	+23 59.5	2.241	3.216	2.9	20.6
12 17	4 4.18	+24 5.3	2.279	3.214	6.5	20.8
12 27	3 56.19	+24 9.7	2.347	3.212	9.8	21.0
1 6	3 50.38	+24 15.3	2.438	3.209	12.5	21.2

295940 2008 XF_{17} 11 29.3 214°.46 1°.0/28.9 18

10 28	4 48.31	+21 45.7	1.820	2.669	13.4	20.7
11 7	4 42.17	+20 57.6	1.746	2.666	9.8	20.5
11 17	4 33.77	+20 2.4	1.696	2.663	5.6	20.2
11 27	4 24.05	+19 2.7	1.674	2.660	1.3	19.9
12 7	4 14.16	+18 2.7	1.682	2.656	3.9	20.1
12 17	4 5.28	+17 7.4	1.718	2.653	8.3	20.4
12 27	3 58.40	+16 21.4	1.781	2.649	12.2	20.6
1 6	3 54.12	+15 47.6	1.866	2.645	15.5	20.8

368314 2002 PQ_{104} 11 29.3 134°.94 6°.3/25.7 18

10 28	4 43.31	− 1 13.9	2.884	3.695	10.1	21.8
11 7	4 37.73	− 2 9.7	2.834	3.708	8.3	21.7
11 17	4 30.94	− 2 55.7	2.809	3.720	6.8	21.6
11 27	4 23.49	− 3 28.4	2.813	3.732	6.4	21.6
12 7	4 16.02	− 3 45.5	2.845	3.743	7.1	21.7
12 17	4 9.14	− 3 46.3	2.904	3.754	8.6	21.8
12 27	4 3.41	− 3 31.2	2.989	3.764	10.3	21.9
1 6	3 59.21	− 3 2.3	3.095	3.774	11.9	22.1

510225 2011 EE_{29} 11 29.3 255°.07 1°.6/28.8 18

10 28	4 50.17	+18 31.6	1.646	2.498	14.4	22.0
11 7	4 43.91	+18 13.2	1.562	2.484	10.6	21.7
11 17	4 34.99	+17 52.0	1.503	2.469	6.1	21.4
11 27	4 24.32	+17 29.6	1.470	2.454	1.9	21.1
12 7	4 13.20	+17 8.6	1.465	2.439	4.5	21.3
12 17	4 3.01	+16 52.3	1.489	2.423	9.3	21.5
12 27	3 54.99	+16 44.0	1.537	2.407	13.7	21.7
1 6	3 49.90	+16 45.7	1.607	2.391	17.4	21.9

358139 2006 QZ_{145} 11 29.3 35°.21 3°.6/30.5 17

10 28	4 49.48	+30 16.8	1.605	2.446	15.3	21.0
11 7	4 43.43	+30 39.1	1.544	2.454	11.6	20.8
11 17	4 34.65	+30 49.0	1.505	2.462	7.5	20.6
11 27	4 24.23	+30 44.4	1.492	2.470	4.0	20.4
12 7	4 13.62	+30 26.0	1.507	2.479	4.8	20.5
12 17	4 4.27	+29 57.2	1.549	2.488	8.6	20.7
12 27	3 57.38	+29 23.9	1.616	2.497	12.4	21.0
1 6	3 53.58	+28 51.9	1.704	2.507	15.8	21.2

421802 2014 QJ_{34} 11 29.3 41°.60 10°.1/26.1 18

10 28	4 44.81	− 4 49.8	1.815	2.635	14.7	20.3
11 7	4 39.38	− 5 51.9	1.773	2.646	12.4	20.2
11 17	4 32.07	− 6 35.6	1.753	2.656	10.7	20.1
11 27	4 23.72	− 6 55.1	1.757	2.668	10.1	20.1
12 7	4 15.35	− 6 47.8	1.786	2.679	10.9	20.2
12 17	4 7.93	− 6 14.0	1.839	2.691	12.7	20.3
12 27	4 2.28	− 5 16.8	1.915	2.703	14.9	20.5
1 6	3 58.89	− 4 1.3	2.009	2.715	16.9	20.7

22468 1997 CK_{1} 11 29.3 247°.89 1°.1/28.9 18

10 28	4 48.75	+18 55.7	1.986	2.832	12.6	19.7
11 7	4 42.51	+18 47.1	1.900	2.818	9.2	19.5
11 17	4 34.04	+18 36.3	1.838	2.804	5.3	19.2
11 27	4 24.14	+18 24.1	1.805	2.790	1.4	18.9
12 7	4 13.87	+18 12.4	1.801	2.776	3.7	19.0
12 17	4 4.37	+18 3.3	1.827	2.761	7.9	19.3
12 27	3 56.66	+17 59.5	1.879	2.745	11.8	19.5
1 6	3 51.42	+18 2.7	1.954	2.730	15.0	19.7

45588 2000 CP_{92} 11 29.3 1°.83 5°.1/27.7 18

10 28	4 45.33	+10 56.5	1.486	2.349	15.1	17.8
11 7	4 40.29	+10 13.4	1.425	2.348	11.3	17.5
11 17	4 32.82	+ 9 35.3	1.387	2.348	7.4	17.3
11 27	4 23.89	+ 9 6.9	1.375	2.348	5.2	17.2
12 7	4 14.77	+ 8 52.2	1.388	2.349	7.0	17.3
12 17	4 6.72	+ 8 53.5	1.428	2.350	10.7	17.5
12 27	4 0.81	+ 9 11.3	1.491	2.352	14.5	17.7
1 6	3 57.67	+ 9 43.9	1.574	2.355	17.8	18.0

256902 2008 DO_{55} 11 29.3 184.°11 1.°8/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.21	+27 19.1	2.144	2.978	12.3	20.7
11 7	4 41.95	+27 20.8	2.069	2.978	9.1	20.5
11 17	4 33.62	+27 14.1	2.018	2.978	5.5	20.2
11 27	4 24.04	+26 58.6	1.996	2.978	2.1	20.0
12 7	4 14.26	+26 35.5	2.003	2.978	3.3	20.1
12 17	4 5.36	+26 7.4	2.039	2.977	6.9	20.3
12 27	3 58.25	+25 38.3	2.103	2.976	10.4	20.5
1 6	3 53.53	+25 12.1	2.190	2.975	13.3	20.7

223982 2005 AC_{1} 11 29.3 323.°80 4.°4/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.73	+34 55.7	1.945	2.768	13.8	19.3
11 7	4 41.31	+34 55.5	1.859	2.755	10.8	19.1
11 17	4 33.44	+34 39.8	1.796	2.742	7.5	18.9
11 27	4 24.03	+34 6.7	1.760	2.729	4.8	18.7
12 7	4 14.32	+33 17.3	1.751	2.717	5.0	18.7
12 17	4 5.58	+32 15.7	1.770	2.705	8.0	18.9
12 27	3 58.91	+31 8.2	1.815	2.694	11.4	19.1
1 6	3 55.01	+30 1.6	1.884	2.683	14.6	19.2

297995 2002 NN_{59} 11 29.3 103.°50 3.°1/27.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.21	+15 44.0	1.925	2.773	12.9	21.5
11 7	4 41.72	+14 42.7	1.872	2.790	9.3	21.3
11 17	4 33.35	+13 40.8	1.844	2.807	5.6	21.1
11 27	4 23.97	+12 42.2	1.845	2.824	3.1	21.0
12 7	4 14.65	+11 51.2	1.875	2.840	5.0	21.1
12 17	4 6.37	+11 11.3	1.934	2.856	8.4	21.4
12 27	3 59.94	+10 44.8	2.020	2.871	11.7	21.6
1 6	3 55.83	+10 32.3	2.127	2.886	14.5	21.9

227246 2005 SF_{46} 11 29.3 311.°52 3.°0/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.57	+17 24.5	1.429	2.294	15.5	20.1
11 7	4 42.13	+16 31.7	1.360	2.287	11.4	19.9
11 17	4 33.97	+15 35.2	1.313	2.280	6.7	19.6
11 27	4 24.14	+14 39.5	1.291	2.274	3.1	19.3
12 7	4 14.02	+13 49.9	1.297	2.267	5.7	19.5
12 17	4 5.05	+13 11.4	1.329	2.261	10.4	19.8
12 27	3 58.44	+12 48.1	1.384	2.256	14.8	20.0
1 6	3 54.87	+12 41.1	1.460	2.250	18.6	20.2

354250 2002 PU_{131} 11 29.3 58.°19 7.°3/ 2.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.34	+41 27.4	1.650	2.452	16.8	20.4
11 7	4 46.35	+41 43.6	1.593	2.466	13.6	20.3
11 17	4 36.31	+41 36.7	1.557	2.480	10.3	20.1
11 27	4 24.56	+41 2.9	1.545	2.495	7.8	20.0
12 7	4 12.83	+40 3.5	1.559	2.509	7.6	20.0
12 17	4 2.76	+38 44.6	1.601	2.524	9.7	20.2
12 27	3 55.57	+37 15.7	1.667	2.539	12.7	20.4
1 6	3 51.82	+35 46.5	1.756	2.554	15.6	20.6

492154 2013 PZ_{8} 11 29.3 237.°15 2.°7/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.61	+31 48.5	2.500	3.320	11.2	22.1
11 7	4 40.63	+31 39.3	2.416	3.314	8.5	21.9
11 17	4 32.82	+31 19.3	2.357	3.308	5.5	21.7
11 27	4 23.91	+30 47.9	2.326	3.302	3.0	21.5
12 7	4 14.83	+30 6.5	2.325	3.295	3.5	21.6
12 17	4 6.52	+29 18.0	2.354	3.289	6.3	21.7
12 27	3 59.81	+28 26.9	2.411	3.282	9.3	21.9
1 6	3 55.23	+27 37.5	2.492	3.275	11.9	22.1

211333 2002 TF_{25} 11 29.3 99.°32 1.°6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.69	+26 0.2	1.875	2.715	13.5	20.1
11 7	4 43.17	+26 8.0	1.811	2.724	9.9	19.9
11 17	4 34.36	+26 7.9	1.771	2.733	5.9	19.7
11 27	4 24.20	+25 59.3	1.758	2.742	2.0	19.5
12 7	4 13.91	+25 43.4	1.775	2.751	3.5	19.6
12 17	4 4.67	+25 23.0	1.821	2.760	7.5	19.8
12 27	3 57.50	+25 2.1	1.893	2.768	11.2	20.1
1 6	3 52.99	+24 44.4	1.988	2.777	14.3	20.3

223311 2003 OU_{27} 11 29.3 109.°38 1.°1/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.11	+18 34.0	2.381	3.223	10.9	20.7
11 7	4 40.06	+18 18.5	2.320	3.237	7.9	20.5
11 17	4 32.39	+18 1.3	2.284	3.250	4.5	20.3
11 27	4 23.82	+17 43.7	2.278	3.263	1.3	20.1
12 7	4 15.19	+17 27.5	2.302	3.275	3.2	20.3
12 17	4 7.35	+17 14.6	2.356	3.288	6.5	20.5
12 27	4 1.01	+17 6.9	2.438	3.300	9.6	20.8
1 6	3 56.64	+17 5.6	2.543	3.311	12.1	21.0

210863 2001 RS_{60} 11 29.3 84.°58 3.°4/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.12	+30 27.0	1.939	2.766	13.7	20.3
11 7	4 44.88	+30 58.2	1.884	2.786	10.3	20.2
11 17	4 35.30	+31 18.5	1.854	2.806	6.7	20.0
11 27	4 24.38	+31 25.7	1.851	2.826	3.7	19.8
12 7	4 13.39	+31 19.9	1.877	2.846	4.4	19.9
12 17	4 3.56	+31 3.7	1.932	2.866	7.6	20.2
12 27	3 55.92	+30 41.8	2.014	2.885	10.9	20.4
1 6	3 51.02	+30 19.2	2.119	2.904	13.7	20.6

12059 du Châtelet 11 29.3 141.°39 0.°2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.61	+22 31.5	2.062	2.900	12.5	18.8
11 7	4 43.59	+22 31.0	1.996	2.911	9.1	18.6
11 17	4 34.51	+22 25.6	1.956	2.921	5.2	18.4
11 27	4 24.23	+22 15.6	1.945	2.930	1.0	18.1
12 7	4 13.85	+22 2.1	1.963	2.940	3.2	18.3
12 17	4 4.42	+21 47.7	2.012	2.948	7.2	18.6
12 27	3 56.88	+21 35.2	2.088	2.956	10.7	18.8
1 6	3 51.77	+21 27.4	2.187	2.963	13.6	19.0

100469 1996 TO_{28} 11 29.3 292.°77 0.°5/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.25	+22 3.0	1.902	2.749	13.1	19.0
11 7	4 42.37	+22 20.8	1.813	2.732	9.6	18.7
11 17	4 34.09	+22 35.3	1.749	2.715	5.6	18.4
11 27	4 24.20	+22 45.9	1.713	2.698	1.2	18.1
12 7	4 13.84	+22 52.8	1.705	2.682	3.5	18.2
12 17	4 4.21	+22 57.2	1.726	2.665	7.9	18.5
12 27	3 56.47	+23 1.8	1.774	2.648	11.9	18.7
1 6	3 51.35	+23 9.4	1.843	2.632	15.3	18.9

289399 2005 CH_{46} 11 29.3 138.°18 4.°8/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.55	+ 6 26.7	2.504	3.340	10.6	20.8
11 7	4 38.16	+ 5 50.2	2.440	3.343	8.2	20.6
11 17	4 31.32	+ 5 19.8	2.401	3.346	5.9	20.5
11 27	4 23.64	+ 4 58.7	2.391	3.350	4.8	20.4
12 7	4 15.86	+ 4 49.0	2.411	3.353	5.8	20.5
12 17	4 8.73	+ 4 51.9	2.458	3.356	8.1	20.6
12 27	4 2.90	+ 5 7.6	2.532	3.359	10.5	20.8
1 6	3 58.81	+ 5 34.8	2.629	3.361	12.7	21.0

396767 2003 WV_{94} 11 29.3 11.°23 0.°9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.51	+23 4.5	1.453	2.315	15.5	20.3
11 7	4 41.26	+22 5.5	1.390	2.316	11.2	20.0
11 17	4 33.40	+20 56.7	1.350	2.319	6.4	19.8
11 27	4 24.05	+19 42.0	1.335	2.321	1.4	19.4
12 7	4 14.60	+18 27.2	1.349	2.325	4.4	19.7
12 17	4 6.40	+17 19.1	1.389	2.329	9.3	20.0
12 27	4 0.57	+16 23.5	1.454	2.333	13.7	20.2
1 6	3 57.70	+15 43.6	1.539	2.338	17.4	20.5

372683 2009 WT_{161} 11 29.3 251.°61 1.°4/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.38	+29 42.6	2.556	3.378	10.9	20.4
11 7	4 41.08	+28 53.7	2.463	3.366	8.1	20.2
11 17	4 33.03	+27 53.1	2.396	3.354	4.9	19.9
11 27	4 23.97	+26 41.9	2.359	3.342	1.8	19.7
12 7	4 14.81	+25 23.0	2.354	3.329	2.8	19.8
12 17	4 6.41	+24 1.0	2.380	3.316	6.2	20.0
12 27	3 59.56	+22 41.2	2.435	3.303	9.3	20.1
1 6	3 54.78	+21 28.1	2.516	3.290	12.1	20.3

311876 2006 WF_{135} 11 29.3 300.°73 0.°5/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.24	+25 27.5	1.840	2.686	13.5	20.2
11 7	4 41.78	+24 51.8	1.737	2.655	10.0	20.0
11 17	4 33.83	+24 5.0	1.658	2.623	5.9	19.7
11 27	4 24.18	+23 7.8	1.606	2.592	1.3	19.3
12 7	4 14.02	+22 3.4	1.583	2.560	3.6	19.4
12 17	4 4.62	+20 57.0	1.589	2.528	8.4	19.6
12 27	3 57.17	+19 54.9	1.621	2.497	12.8	19.8
1 6	3 52.45	+19 2.3	1.675	2.465	16.5	20.0

301853 1994 WU_{4} 11 29.3 7.°30 3.°7/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.77	+12 3.1	1.471	2.332	15.4	19.9
11 7	4 42.17	+12 5.0	1.410	2.333	11.4	19.7
11 17	4 33.97	+12 13.0	1.370	2.334	7.1	19.4
11 27	4 24.18	+12 29.1	1.356	2.336	3.8	19.3
12 7	4 14.14	+12 54.4	1.370	2.338	5.7	19.4
12 17	4 5.18	+13 29.2	1.409	2.341	10.0	19.6
12 27	3 58.48	+14 13.2	1.473	2.345	14.1	19.9
1 6	3 54.72	+15 5.1	1.558	2.349	17.5	20.1

235876 2005 BQ_{25} 11 29.3 239.°02 4.°4/ 1.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.11	+37 33.9	2.685	3.480	11.2	20.2
11 7	4 41.78	+37 43.5	2.596	3.471	8.9	20.1
11 17	4 33.52	+37 40.2	2.531	3.461	6.5	19.9
11 27	4 24.09	+37 22.0	2.493	3.451	4.6	19.8
12 7	4 14.43	+36 49.2	2.486	3.441	4.7	19.8
12 17	4 5.52	+36 4.2	2.507	3.430	6.7	19.9
12 27	3 58.23	+35 11.4	2.557	3.420	9.2	20.0
1 6	3 53.15	+34 15.9	2.632	3.409	11.5	20.2

369796 2012 HT_{26} 11 29.3 213.°81 3.°2/27.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.08	+13 1.5	2.432	3.276	10.6	21.5
11 7	4 38.64	+12 15.4	2.358	3.273	7.8	21.3
11 17	4 31.64	+11 30.3	2.310	3.270	5.0	21.1
11 27	4 23.72	+10 49.2	2.292	3.267	3.2	21.0
12 7	4 15.68	+10 15.2	2.303	3.263	4.6	21.1
12 17	4 8.29	+ 9 50.5	2.344	3.259	7.5	21.3
12 27	4 2.26	+ 9 36.9	2.411	3.255	10.3	21.4
1 6	3 58.09	+ 9 34.7	2.501	3.251	12.8	21.6

486399 2013 EW_{56} 11 29.3 2°.25 3°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.81	+15 1.4	1.560	2.423	14.6	21.0
11 7	4 40.62	+14 26.8	1.497	2.422	10.7	20.8
11 17	4 33.03	+13 53.0	1.456	2.422	6.5	20.5
11 27	4 24.01	+13 23.4	1.442	2.422	3.4	20.3
12 7	4 14.79	+13 1.5	1.454	2.423	5.5	20.5
12 17	4 6.62	+12 50.3	1.493	2.424	9.6	20.7
12 27	4 0.56	+12 51.7	1.557	2.426	13.6	21.0
1 6	3 57.22	+13 5.7	1.641	2.428	17.0	21.2

191018 2002 AU_{82} 11 29.3 349°.84 4°.3/27.9 18

10 28	4 45.95	+14 27.3	1.298	2.169	16.3	19.3
11 7	4 41.12	+13 38.7	1.235	2.164	12.1	19.1
11 17	4 33.48	+12 50.9	1.194	2.160	7.5	18.8
11 27	4 24.11	+12 8.9	1.177	2.157	4.3	18.6
12 7	4 14.48	+11 37.7	1.187	2.154	6.6	18.7
12 17	4 6.04	+11 21.6	1.221	2.152	11.2	19.0
12 27	4 0.06	+11 22.5	1.277	2.151	15.6	19.3
1 6	3 57.23	+11 40.0	1.353	2.151	19.4	19.5

114139 2002 VZ_{58} 11 29.3 171°.98 1°.9/28.9 18

10 28	4 52.85	+15 20.3	1.921	2.761	13.2	19.6
11 7	4 45.39	+15 31.3	1.850	2.764	9.7	19.4
11 17	4 35.66	+15 44.1	1.804	2.768	5.7	19.1
11 27	4 24.52	+15 59.1	1.787	2.770	2.1	18.9
12 7	4 13.15	+16 17.0	1.800	2.772	4.1	19.1
12 17	4 2.70	+16 38.4	1.843	2.773	8.2	19.3
12 27	3 54.21	+17 4.4	1.913	2.773	11.9	19.5
1 6	3 48.32	+17 35.5	2.006	2.772	15.0	19.8

118582 2000 GG_{52} 11 29.3 107°.93 1°.1/29.7 18

10 28	4 52.85	+24 54.2	1.728	2.568	14.4	20.1
11 7	4 45.48	+24 55.9	1.672	2.587	10.5	19.9
11 17	4 35.67	+24 49.9	1.641	2.604	6.1	19.7
11 27	4 24.51	+24 35.7	1.637	2.622	1.7	19.5
12 7	4 13.32	+24 15.2	1.662	2.638	3.6	19.7
12 17	4 3.40	+23 51.6	1.716	2.655	8.0	20.0
12 27	3 55.80	+23 29.2	1.797	2.670	11.8	20.2
1 6	3 51.06	+23 11.9	1.899	2.686	15.0	20.5

169813 2002 QU_{41} 11 29.3 96°.79 2°.6/28.5 18

10 28	4 48.22	+15 23.5	1.797	2.648	13.5	20.0
11 7	4 42.05	+15 5.0	1.735	2.656	9.8	19.8
11 17	4 33.73	+14 47.3	1.698	2.663	5.8	19.5
11 27	4 24.15	+14 32.6	1.689	2.670	2.7	19.4
12 7	4 14.46	+14 23.2	1.708	2.678	4.6	19.5
12 17	4 5.76	+14 21.1	1.755	2.685	8.5	19.8
12 27	3 59.00	+14 27.7	1.828	2.692	12.2	20.0
1 6	3 54.77	+14 43.7	1.923	2.699	15.2	20.2

209189 2003 UC_{204} 11 29.3 323°.10 2°.4/28.5 18

10 28	4 46.18	+17 46.2	1.543	2.406	14.7	20.5
11 7	4 41.06	+17 8.3	1.470	2.396	10.7	20.2
11 17	4 33.39	+16 27.5	1.419	2.387	6.3	19.9
11 27	4 24.12	+15 47.0	1.394	2.378	2.5	19.7
12 7	4 14.54	+15 10.8	1.397	2.369	5.0	19.8
12 17	4 5.96	+14 43.0	1.426	2.361	9.6	20.1
12 27	3 59.55	+14 27.0	1.480	2.353	13.9	20.3
1 6	3 56.00	+14 24.3	1.553	2.346	17.5	20.5

454449 2014 OC_{37} 11 29.3 85°.72 0°.8/29.7 15

10 28	4 47.84	+24 24.5	2.023	2.865	12.6	22.0
11 7	4 41.69	+24 22.5	1.959	2.874	9.2	21.8
11 17	4 33.49	+24 14.3	1.920	2.884	5.3	21.6
11 27	4 24.11	+23 59.9	1.908	2.893	1.4	21.3
12 7	4 14.63	+23 40.8	1.926	2.903	3.2	21.5
12 17	4 6.09	+23 19.7	1.973	2.912	7.1	21.7
12 27	3 59.40	+23 0.0	2.047	2.921	10.6	22.0
1 6	3 55.11	+22 44.7	2.144	2.930	13.5	22.2

181404 2006 SD_{124} 11 29.3 89°.63 1°.8/28.9 18

10 28	4 52.19	+17 2.8	1.389	2.248	16.3	20.3
11 7	4 45.48	+17 6.3	1.332	2.256	11.8	20.0
11 17	4 35.91	+17 10.1	1.296	2.264	6.8	19.7
11 27	4 24.60	+17 15.3	1.287	2.271	2.1	19.5
12 7	4 13.09	+17 23.0	1.304	2.279	4.8	19.7
12 17	4 2.93	+17 35.0	1.349	2.286	9.8	20.0
12 27	3 55.34	+17 53.0	1.418	2.294	14.2	20.3
1 6	3 51.02	+18 18.3	1.507	2.301	17.9	20.5

78567 2002 RR_{180} 11 29.3 7°.91 1°.7/28.7 18

10 28	4 47.15	+18 29.3	1.754	2.609	13.6	20.2
11 7	4 41.43	+18 1.5	1.686	2.609	9.9	20.0
11 17	4 33.46	+17 31.0	1.642	2.609	5.7	19.7
11 27	4 24.14	+17 0.2	1.625	2.609	1.9	19.5
12 7	4 14.64	+16 32.0	1.636	2.610	4.2	19.6
12 17	4 6.13	+16 9.7	1.676	2.610	8.5	19.9
12 27	3 59.59	+15 56.1	1.741	2.611	12.3	20.1
1 6	3 55.63	+15 52.7	1.828	2.611	15.6	20.3

332266 2006 RW_{95} 11 29.3 182°.80 3°.3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.11	+16 4.4	1.576	2.431	14.8	21.1
11 7	4 43.71	+15 13.3	1.510	2.432	10.9	20.9
11 17	4 34.81	+14 20.6	1.467	2.432	6.5	20.7
11 27	4 24.40	+13 30.2	1.451	2.432	3.3	20.5
12 7	4 13.82	+12 47.0	1.463	2.431	5.6	20.6
12 17	4 4.37	+12 15.1	1.503	2.430	9.9	20.9
12 27	3 57.16	+11 57.4	1.568	2.429	14.0	21.1
1 6	3 52.83	+11 54.8	1.653	2.428	17.4	21.3

120904 1998 SW_{31} 11 29.3 248°.44 0°.3/29.2 17

10 28	4 45.80	+21 38.7	2.222	3.066	11.5	20.6
11 7	4 40.13	+21 24.8	2.146	3.064	8.4	20.4
11 17	4 32.61	+21 6.6	2.095	3.061	4.8	20.1
11 27	4 23.98	+20 45.2	2.073	3.059	0.9	19.9
12 7	4 15.16	+20 22.3	2.080	3.056	3.1	20.0
12 17	4 7.11	+20 0.4	2.117	3.054	6.8	20.3
12 27	4 0.65	+19 42.3	2.181	3.051	10.2	20.5
1 6	3 56.33	+19 30.3	2.269	3.049	13.1	20.7

26165 1995 FJ_{6} 11 29.3 229°.42 0°.5/29.1 18

10 28	4 45.31	+20 28.4	2.673	3.511	10.0	20.6
11 7	4 39.56	+20 17.3	2.587	3.502	7.3	20.4
11 17	4 32.22	+20 3.4	2.527	3.493	4.1	20.2
11 27	4 23.91	+19 47.4	2.497	3.483	0.9	19.9
12 7	4 15.39	+19 30.7	2.498	3.473	2.8	20.1
12 17	4 7.45	+19 15.1	2.529	3.462	6.0	20.3
12 27	4 0.82	+19 2.8	2.588	3.451	9.0	20.5
1 6	3 56.00	+18 55.5	2.672	3.440	11.6	20.6

396010 2013 BO_{66} 11 29.3 26°.16 2°.2/28.6 18

10 28	4 47.90	+16 25.7	1.747	2.601	13.7	21.2
11 7	4 41.98	+16 8.6	1.679	2.601	10.0	20.9
11 17	4 33.79	+15 51.4	1.636	2.602	5.9	20.7
11 27	4 24.22	+15 36.1	1.619	2.602	2.4	20.5
12 7	4 14.44	+15 25.0	1.631	2.602	4.5	20.6
12 17	4 5.62	+15 20.4	1.670	2.603	8.6	20.9
12 27	3 58.79	+15 24.3	1.735	2.603	12.5	21.1
1 6	3 54.57	+15 37.3	1.822	2.604	15.7	21.3

421801 2014 QM_{30} 11 29.3 74°.02 0°.7/29.6 18

10 28	4 48.66	+22 39.0	2.121	2.961	12.1	21.0
11 7	4 42.25	+23 4.2	2.056	2.971	8.8	20.8
11 17	4 33.83	+23 25.6	2.017	2.982	5.1	20.6
11 27	4 24.22	+23 42.5	2.007	2.992	1.3	20.4
12 7	4 14.45	+23 54.9	2.027	3.003	3.1	20.5
12 17	4 5.53	+24 3.9	2.076	3.013	6.8	20.8
12 27	3 58.39	+24 11.7	2.152	3.024	10.2	21.0
1 6	3 53.57	+24 20.6	2.252	3.034	13.1	21.2

325573 2009 SX_{130} 11 29.3 323°.86 4°.1/27.4 17

10 28	4 44.23	+11 13.8	2.108	2.957	11.9	21.0
11 7	4 38.96	+10 24.3	2.040	2.955	8.9	20.8
11 17	4 31.93	+ 9 37.6	1.996	2.953	5.8	20.6
11 27	4 23.85	+ 8 57.3	1.980	2.951	4.1	20.5
12 7	4 15.64	+ 8 27.0	1.993	2.949	5.6	20.6
12 17	4 8.17	+ 8 9.0	2.034	2.948	8.6	20.8
12 27	4 2.26	+ 8 4.7	2.101	2.946	11.6	21.0
1 6	3 58.41	+ 8 13.7	2.190	2.944	14.3	21.2

74041 1998 HC_{88} 11 29.3 128°.50 2°.0/28.4 18

10 28	4 49.08	+18 20.2	2.038	2.882	12.4	20.3
11 7	4 42.37	+17 26.4	1.978	2.896	9.0	20.1
11 17	4 33.79	+16 29.6	1.944	2.909	5.2	19.9
11 27	4 24.20	+15 33.0	1.939	2.922	2.1	19.7
12 7	4 14.61	+14 40.3	1.965	2.934	4.1	19.9
12 17	4 6.03	+13 55.5	2.020	2.946	7.8	20.1
12 27	3 59.25	+13 21.5	2.102	2.957	11.1	20.4
1 6	3 54.76	+12 59.7	2.206	2.968	14.0	20.6

89584 2001 XW_{136} 11 29.3 87°.98 0°.1/29.3 18

10 28	4 51.98	+22 34.0	1.609	2.458	14.9	19.7
11 7	4 44.86	+22 15.3	1.560	2.480	10.8	19.5
11 17	4 35.32	+21 50.4	1.535	2.501	6.1	19.3
11 27	4 24.49	+21 20.4	1.537	2.523	1.2	19.0
12 7	4 13.74	+20 48.3	1.567	2.544	3.8	19.3
12 17	4 4.35	+20 18.0	1.626	2.564	8.3	19.6
12 27	3 57.31	+19 53.5	1.711	2.585	12.3	19.9
1 6	3 53.16	+19 37.6	1.817	2.604	15.6	20.1

428106 2006 RQ 11 29.3 80°.50 2°.9/28.6 17

10 28	4 52.74	+15 53.9	1.348	2.207	16.6	21.3
11 7	4 45.65	+15 28.9	1.305	2.229	12.1	21.0
11 17	4 35.85	+15 4.8	1.284	2.250	7.1	20.8
11 27	4 24.59	+14 44.3	1.288	2.271	3.1	20.6
12 7	4 13.44	+14 30.4	1.321	2.292	5.4	20.8
12 17	4 3.82	+14 25.9	1.379	2.312	10.0	21.2
12 27	3 56.84	+14 32.3	1.462	2.333	14.2	21.5
1 6	3 53.02	+14 49.8	1.565	2.353	17.7	21.8

9063 Washi 11 29.3 45°.30 3°.3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.33	+15 5.0	1.166	2.037	17.8	17.3
11 7	4 44.31	+14 50.3	1.122	2.051	13.0	17.1
11 17	4 35.26	+14 38.3	1.098	2.066	7.7	16.8
11 27	4 24.50	+14 31.6	1.100	2.082	3.4	16.6
12 7	4 13.73	+14 32.8	1.126	2.098	5.9	16.8
12 17	4 4.56	+14 43.7	1.178	2.115	10.9	17.2
12 27	3 58.22	+15 5.4	1.252	2.133	15.4	17.5
1 6	3 55.29	+15 37.4	1.346	2.150	19.1	17.8

73504 2002 TO_{110} 11 29.3 256°.17 1°.8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.74	+15 27.5	1.983	2.828	12.7	18.5
11 7	4 43.28	+15 40.8	1.899	2.816	9.3	18.3
11 17	4 34.57	+15 56.4	1.839	2.804	5.5	18.0
11 27	4 24.41	+16 14.6	1.808	2.791	2.0	17.8
12 7	4 13.83	+16 35.9	1.806	2.779	4.0	17.9
12 17	4 3.98	+17 1.0	1.834	2.766	8.0	18.1
12 27	3 55.90	+17 30.6	1.889	2.753	11.8	18.3
1 6	3 50.28	+18 5.4	1.967	2.740	15.0	18.5

337955 2002 AG_{76} 11 29.3 164°.29 5°.2/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.55	+ 6 59.2	1.830	2.669	13.8	20.4
11 7	4 43.73	+ 6 50.2	1.765	2.672	10.5	20.2
11 17	4 34.73	+ 6 50.1	1.724	2.675	7.2	20.0
11 27	4 24.41	+ 7 1.7	1.710	2.677	5.3	19.9
12 7	4 13.90	+ 7 26.5	1.725	2.679	6.6	20.0
12 17	4 4.32	+ 8 4.3	1.768	2.681	9.7	20.2
12 27	3 56.66	+ 8 54.1	1.838	2.682	13.0	20.4
1 6	3 51.52	+ 9 53.7	1.929	2.683	15.9	20.6

278726 2008 SF_{65} 11 29.3 16°.73 11°.2/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 42.52	− 6 19.7	1.883	2.700	14.4	19.9
11 7	4 37.80	− 8 20.2	1.842	2.704	12.6	19.8
11 17	4 31.27	−10 2.7	1.824	2.709	11.4	19.8
11 27	4 23.73	−11 19.3	1.831	2.715	11.3	19.8
12 7	4 16.12	−12 5.2	1.862	2.721	12.3	19.9
12 17	4 9.37	−12 19.0	1.915	2.728	13.9	20.0
12 27	4 4.25	−12 2.8	1.989	2.735	15.8	20.1
1 6	4 1.27	−11 21.5	2.079	2.743	17.5	20.3

56852 2000 QP_{65} 11 29.3 145°.57 6°.2/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.92	+ 3 22.2	2.185	3.016	12.2	19.3
11 7	4 40.06	+ 2 44.0	2.124	3.020	9.6	19.2
11 17	4 32.51	+ 2 15.2	2.088	3.024	7.2	19.0
11 27	4 23.97	+ 1 59.6	2.080	3.028	6.2	19.0
12 7	4 15.34	+ 1 59.7	2.099	3.032	7.2	19.0
12 17	4 7.46	+ 2 16.1	2.147	3.035	9.5	19.2
12 27	4 1.11	+ 2 48.1	2.219	3.039	12.0	19.4
1 6	3 56.77	+ 3 33.3	2.314	3.042	14.3	19.5

275541 1998 SU_{44} 11 29.3 110°.36 0°.3/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.91	+22 21.2	1.635	2.483	14.8	21.2
11 7	4 44.87	+21 58.4	1.579	2.499	10.7	21.0
11 17	4 35.38	+21 29.2	1.547	2.513	6.1	20.7
11 27	4 24.52	+20 55.1	1.542	2.528	1.2	20.4
12 7	4 13.66	+20 19.1	1.566	2.542	3.8	20.7
12 17	4 4.09	+19 45.3	1.618	2.555	8.4	21.0
12 27	3 56.84	+19 17.9	1.696	2.569	12.5	21.2
1 6	3 52.48	+18 59.7	1.796	2.581	15.8	21.5

74811 1999 TH_5 11 29.3 89°.09 6°.9/26.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.03	+ 6 5.9	1.713	2.561	14.2	20.1
11 7	4 41.16	+ 4 54.7	1.662	2.570	11.0	19.9
11 17	4 33.21	+ 3 51.9	1.634	2.579	8.1	19.8
11 27	4 24.11	+ 3 3.6	1.633	2.589	6.9	19.7
12 7	4 14.97	+ 2 34.1	1.659	2.598	8.3	19.8
12 17	4 6.86	+ 2 25.5	1.712	2.607	11.1	20.0
12 27	4 0.68	+ 2 37.4	1.787	2.616	14.1	20.3
1 6	3 56.94	+ 3 7.2	1.883	2.625	16.7	20.5

90530 2004 FX_{20} 11 29.3 183°.57 4°.4/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.85	+32 21.5	1.690	2.517	15.3	19.8
11 7	4 46.77	+32 50.5	1.618	2.518	11.8	19.6
11 17	4 36.73	+33 6.0	1.568	2.518	7.9	19.3
11 27	4 24.83	+33 4.4	1.545	2.518	4.8	19.2
12 7	4 12.58	+32 45.4	1.549	2.517	5.4	19.2
12 17	4 1.54	+32 12.3	1.582	2.516	8.9	19.4
12 27	3 53.05	+31 31.7	1.640	2.515	12.7	19.6
1 6	3 47.86	+30 50.6	1.720	2.513	16.1	19.8

447597 2006 UG_{78} 11 29.4 52°.01 0°.7/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.07	+21 27.3	1.839	2.689	13.2	21.3
11 7	4 41.29	+20 56.7	1.771	2.692	9.6	21.1
11 17	4 33.35	+20 20.7	1.728	2.695	5.5	20.9
11 27	4 24.16	+19 41.3	1.712	2.698	1.2	20.6
12 7	4 14.83	+19 1.4	1.725	2.700	3.7	20.8
12 17	4 6.48	+18 25.0	1.766	2.703	7.9	21.1
12 27	4 0.07	+17 55.6	1.834	2.706	11.7	21.3
1 6	3 56.16	+17 35.9	1.924	2.709	14.9	21.5

422590 2014 TF_{65} 11 29.4 53°.25 4°.4/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.34	+10 10.9	1.951	2.801	12.7	20.5
11 7	4 39.70	+ 9 34.6	1.904	2.820	9.4	20.4
11 17	4 32.29	+ 9 3.6	1.882	2.839	6.2	20.2
11 27	4 23.93	+ 8 41.1	1.887	2.858	4.4	20.1
12 7	4 15.59	+ 8 29.5	1.921	2.878	5.7	20.3
12 17	4 8.18	+ 8 30.4	1.982	2.897	8.7	20.5
12 27	4 2.47	+ 8 43.8	2.069	2.917	11.6	20.7
1 6	3 58.93	+ 9 8.6	2.178	2.937	14.2	20.9

515609 2014 KM_1 11 29.4 170°.61 2°.3/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.08	+14 13.4	2.594	3.428	10.4	22.6
11 7	4 41.45	+13 58.5	2.522	3.433	7.6	22.4
11 17	4 33.25	+13 44.8	2.477	3.438	4.6	22.2
11 27	4 24.14	+13 33.7	2.461	3.441	2.3	22.1
12 7	4 14.90	+13 26.8	2.477	3.444	3.8	22.2
12 17	4 6.34	+13 25.5	2.524	3.446	6.7	22.4
12 27	3 59.16	+13 30.8	2.599	3.447	9.5	22.6
1 6	3 53.84	+13 43.2	2.698	3.447	12.0	22.8

340172 2005 YJ_{166} 11 29.4 250°.73 4°.1/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.45	+12 13.1	1.685	2.538	14.2	20.4
11 7	4 42.49	+11 40.9	1.613	2.532	10.5	20.1
11 17	4 34.15	+11 11.8	1.564	2.525	6.7	19.9
11 27	4 24.34	+10 49.4	1.542	2.518	4.2	19.7
12 7	4 14.23	+10 36.9	1.548	2.511	6.0	19.8
12 17	4 5.06	+10 36.7	1.581	2.504	9.8	20.0
12 27	3 57.90	+10 49.8	1.639	2.497	13.7	20.2
1 6	3 53.42	+11 15.8	1.718	2.490	17.0	20.5

447912 2007 YZ_9 11 29.4 243°.48 1°.9/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.02	+15 12.7	2.155	2.996	11.9	21.3
11 7	4 42.60	+15 19.6	2.069	2.985	8.8	21.0
11 17	4 34.13	+15 28.4	2.009	2.973	5.2	20.8
11 27	4 24.34	+15 39.7	1.977	2.960	2.1	20.6
12 7	4 14.19	+15 54.4	1.976	2.948	3.9	20.7
12 17	4 4.72	+16 13.2	2.005	2.935	7.6	20.9
12 27	3 56.86	+16 37.2	2.061	2.921	11.1	21.1
1 6	3 51.27	+17 6.7	2.140	2.908	14.2	21.3

457572 2008 YZ_{138} 11 29.4 327°.64 6°.1/26.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.05	+ 2 44.6	2.307	3.140	11.5	20.9
11 7	4 38.02	+ 2 12.2	2.237	3.133	9.2	20.7
11 17	4 31.39	+ 1 49.2	2.191	3.126	7.1	20.6
11 27	4 23.79	+ 1 39.1	2.172	3.119	6.1	20.5
12 7	4 16.01	+ 1 44.3	2.181	3.112	7.1	20.6
12 17	4 8.86	+ 2 5.5	2.218	3.106	9.3	20.7
12 27	4 3.06	+ 2 42.0	2.279	3.100	11.7	20.9
1 6	3 59.14	+ 3 31.6	2.363	3.094	14.0	21.0

12427 1995 WM_3 11 29.4 71°.17 0°.0/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.80	+22 4.5	1.625	2.477	14.6	19.0
11 7	4 43.43	+21 58.7	1.569	2.490	10.6	18.8
11 17	4 34.62	+21 47.7	1.537	2.503	6.0	18.6
11 27	4 24.41	+21 32.0	1.531	2.517	1.2	18.3
12 7	4 14.13	+21 13.8	1.553	2.530	3.7	18.5
12 17	4 5.06	+20 56.2	1.603	2.543	8.3	18.8
12 27	3 58.24	+20 42.6	1.679	2.556	12.3	19.1
1 6	3 54.27	+20 35.8	1.777	2.570	15.6	19.4

296621 2009 SQ_{43} 11 29.4 180°.65 2°.7/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.39	+29 27.0	1.870	2.698	14.0	21.4
11 7	4 46.07	+29 34.4	1.795	2.700	10.5	21.2
11 17	4 36.19	+29 30.5	1.744	2.701	6.6	21.0
11 27	4 24.73	+29 13.9	1.721	2.701	3.1	20.8
12 7	4 13.03	+28 45.2	1.727	2.700	4.1	20.8
12 17	4 2.42	+28 8.2	1.763	2.699	7.9	21.0
12 27	3 54.06	+27 28.3	1.825	2.697	11.7	21.3
1 6	3 48.61	+26 51.0	1.910	2.695	15.0	21.5

244450 2002 RQ_{102} 11 29.4 47°.63 4°.3/27.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.69	+14 29.6	1.538	2.400	14.8	19.3
11 7	4 41.05	+13 15.0	1.491	2.415	10.8	19.1
11 17	4 33.18	+12 1.2	1.468	2.431	6.7	18.9
11 27	4 24.12	+10 53.9	1.471	2.448	4.3	18.8
12 7	4 15.12	+ 9 58.7	1.502	2.465	6.3	18.9
12 17	4 7.33	+ 9 19.7	1.560	2.482	10.0	19.2
12 27	4 1.68	+ 8 58.8	1.641	2.499	13.6	19.5
1 6	3 58.67	+ 8 55.3	1.743	2.517	16.7	19.7

298266 2002 WU_{18} 11 29.4 37°.75 5°.6/28.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.87	+ 8 12.6	1.179	2.042	18.2	19.4
11 7	4 44.93	+ 8 15.4	1.157	2.078	13.5	19.2
11 17	4 35.35	+ 8 29.9	1.156	2.115	8.8	19.0
11 27	4 24.51	+ 8 58.1	1.179	2.153	5.7	19.0
12 7	4 14.03	+ 9 39.7	1.229	2.192	7.2	19.2
12 17	4 5.29	+10 32.8	1.303	2.231	11.1	19.5
12 27	3 59.30	+11 34.9	1.402	2.271	14.8	19.8
1 6	3 56.47	+12 43.0	1.520	2.310	18.0	20.2

412788 2014 PA_{19} 11 29.4 166°.11 2°.9/30.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.87	+30 8.0	2.097	2.925	12.7	21.1
11 7	4 42.62	+30 24.0	2.022	2.925	9.6	20.9
11 17	4 34.16	+30 30.1	1.972	2.926	6.2	20.7
11 27	4 24.34	+30 24.7	1.949	2.926	3.3	20.5
12 7	4 14.30	+30 8.2	1.956	2.927	4.0	20.6
12 17	4 5.15	+29 43.2	1.991	2.927	7.2	20.8
12 27	3 57.90	+29 13.9	2.053	2.927	10.6	21.0
1 6	3 53.17	+28 45.0	2.139	2.927	13.5	21.2

325057 2008 CF_{191} 11 29.4 51°.38 2°.8/28.7 18

10 28	4 50.44	+16 20.3	1.235	2.103	17.3	20.2
11 7	4 44.39	+15 59.4	1.184	2.113	12.6	19.9
11 17	4 35.35	+15 38.9	1.154	2.122	7.4	19.7
11 27	4 24.58	+15 21.7	1.149	2.133	3.0	19.5
12 7	4 13.70	+15 10.8	1.170	2.143	5.6	19.6
12 17	4 4.30	+15 9.1	1.217	2.154	10.6	20.0
12 27	3 57.64	+15 18.7	1.286	2.165	15.2	20.3
1 6	3 54.34	+15 39.6	1.375	2.176	19.0	20.5

333348 2001 TK_{128} 11 29.4 66°.14 0°.3/29.3 18

10 28	4 52.26	+21 58.7	1.375	2.233	16.5	20.7
11 7	4 45.32	+21 42.0	1.333	2.257	11.9	20.5
11 17	4 35.68	+21 19.2	1.313	2.281	6.7	20.3
11 27	4 24.61	+20 51.8	1.320	2.305	1.3	20.0
12 7	4 13.69	+20 23.1	1.353	2.330	4.2	20.3
12 17	4 4.34	+19 57.0	1.414	2.354	9.1	20.6
12 27	3 57.65	+19 37.8	1.499	2.378	13.4	20.9
1 6	3 54.12	+19 28.0	1.605	2.402	16.8	21.2

82163 2001 GA_{11} 11 29.4 156°.56 2°.6/30.3 18

10 28	4 53.38	+29 2.1	1.743	2.576	14.7	20.1
11 7	4 46.14	+29 6.4	1.675	2.582	11.0	19.9
11 17	4 36.24	+28 59.1	1.630	2.588	6.8	19.6
11 27	4 24.76	+28 38.9	1.612	2.593	3.1	19.4
12 7	4 13.10	+28 7.0	1.623	2.597	4.1	19.5
12 17	4 2.65	+27 27.5	1.663	2.601	8.2	19.8
12 27	3 54.58	+26 46.1	1.729	2.604	12.1	20.0
1 6	3 49.53	+26 8.6	1.817	2.607	15.5	20.2

136127 2003 RA_{15} 11 29.4 141°.42 4°.1/ 1.7 18

10 28	4 49.22	+36 43.6	2.593	3.391	11.5	19.9
11 7	4 42.53	+36 49.9	2.520	3.399	9.0	19.8
11 17	4 33.96	+36 43.2	2.472	3.406	6.4	19.6
11 27	4 24.31	+36 21.8	2.452	3.413	4.4	19.5
12 7	4 14.57	+35 46.7	2.462	3.420	4.5	19.5
12 17	4 5.71	+35 0.6	2.501	3.427	6.6	19.7
12 27	3 58.57	+34 8.2	2.569	3.433	9.1	19.8
1 6	3 53.66	+33 14.4	2.661	3.439	11.4	20.0

142326 2002 RZ_{176} 11 29.4 306°.08 5°.7/27.2 18

10 28	4 46.86	+12 37.8	1.321	2.190	16.3	19.7
11 7	4 41.92	+11 21.7	1.248	2.174	12.3	19.4
11 17	4 34.09	+10 5.4	1.196	2.158	8.1	19.1
11 27	4 24.39	+ 8 56.1	1.169	2.143	5.7	19.0
12 7	4 14.25	+ 8 1.1	1.168	2.128	8.0	19.0
12 17	4 5.18	+ 7 26.3	1.192	2.113	12.5	19.2
12 27	3 58.53	+ 7 14.6	1.237	2.099	16.9	19.5
1 6	3 55.08	+ 7 25.3	1.301	2.086	20.7	19.7

473309 2015 RO_{92} 11 29.4 86°.09 6°.5/26.5 18

10 28	4 46.96	+ 6 48.1	1.802	2.648	13.7	21.0
11 7	4 40.98	+ 5 27.4	1.755	2.663	10.5	20.8
11 17	4 33.07	+ 4 14.2	1.732	2.677	7.7	20.7
11 27	4 24.13	+ 3 14.7	1.737	2.692	6.5	20.6
12 7	4 15.22	+ 2 33.3	1.769	2.707	7.9	20.8
12 17	4 7.33	+ 2 12.3	1.828	2.721	10.6	21.0
12 27	4 1.28	+ 2 11.9	1.911	2.736	13.5	21.2
1 6	3 57.56	+ 2 29.6	2.015	2.750	16.0	21.4

147910 2006 TY_{44} 11 29.4 189°.47 0°.8/29.6 18

10 28	4 48.93	+23 28.0	1.983	2.825	12.8	20.4
11 7	4 42.68	+23 41.2	1.910	2.825	9.4	20.2
11 17	4 34.22	+23 49.5	1.861	2.825	5.5	19.9
11 27	4 24.39	+23 52.3	1.839	2.825	1.4	19.7
12 7	4 14.30	+23 50.2	1.848	2.824	3.3	19.8
12 17	4 5.09	+23 45.0	1.885	2.824	7.3	20.1
12 27	3 57.75	+23 39.7	1.949	2.823	11.0	20.3
1 6	3 52.92	+23 37.2	2.037	2.823	14.2	20.5

496621 2015 PV_{229} 11 29.4 57°.70 4°.9/ 1.9 15

10 28	4 52.32	+36 33.6	1.635	2.456	16.1	20.9
11 7	4 45.33	+36 21.0	1.585	2.478	12.5	20.7
11 17	4 35.67	+35 48.5	1.557	2.501	8.6	20.5
11 27	4 24.63	+34 55.3	1.555	2.523	5.5	20.4
12 7	4 13.77	+33 44.6	1.580	2.546	5.5	20.5
12 17	4 4.51	+32 23.0	1.633	2.569	8.5	20.7
12 27	3 57.89	+30 59.3	1.713	2.593	12.0	21.0
1 6	3 54.38	+29 41.0	1.815	2.616	15.0	21.2

207821 2007 TC_{333} 11 29.4 101°.17 0°.6/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.81	+24 12.5	1.791	2.637	13.7	21.0
11 7	4 42.71	+24 3.2	1.722	2.640	10.1	20.7
11 17	4 34.25	+23 46.6	1.677	2.642	5.8	20.5
11 27	4 24.40	+23 23.3	1.659	2.644	1.4	20.2
12 7	4 14.35	+22 55.2	1.669	2.646	3.5	20.4
12 17	4 5.34	+22 25.8	1.709	2.648	7.9	20.6
12 27	3 58.40	+21 59.3	1.774	2.651	11.8	20.9
1 6	3 54.15	+21 39.0	1.861	2.653	15.1	21.1

358749 2008 CB_{131} 11 29.4 167°.58 1°.5/29.9 18

10 28	4 48.47	+26 34.4	2.099	2.935	12.4	21.2
11 7	4 42.23	+26 32.8	2.026	2.937	9.2	21.0
11 17	4 33.91	+26 23.2	1.977	2.938	5.5	20.8
11 27	4 24.33	+26 5.4	1.956	2.939	1.9	20.5
12 7	4 14.58	+25 40.7	1.965	2.940	3.2	20.6
12 17	4 5.71	+25 12.0	2.003	2.941	7.0	20.9
12 27	3 58.66	+24 43.2	2.068	2.942	10.5	21.1
1 6	3 54.02	+24 17.9	2.157	2.942	13.5	21.3

321531 2009 SN_{258} 11 29.4 111°.77 1°.6/28.7 18

10 28	4 46.18	+17 26.5	2.257	3.101	11.3	20.7
11 7	4 40.28	+17 7.4	2.192	3.110	8.2	20.5
11 17	4 32.67	+16 47.2	2.154	3.119	4.7	20.3
11 27	4 24.08	+16 27.7	2.144	3.127	1.7	20.1
12 7	4 15.41	+16 10.8	2.164	3.136	3.5	20.3
12 17	4 7.52	+15 58.4	2.213	3.144	7.0	20.5
12 27	4 1.19	+15 52.5	2.290	3.152	10.1	20.7
1 6	3 56.90	+15 54.1	2.390	3.159	12.8	20.9

19211 1993 DM 11 29.4 242°.07 1°.2/29.9 18

10 28	4 49.27	+26 9.3	1.840	2.682	13.6	18.5
11 7	4 43.10	+25 56.2	1.761	2.676	10.1	18.2
11 17	4 34.53	+25 33.8	1.706	2.670	6.0	18.0
11 27	4 24.47	+25 2.2	1.679	2.663	1.8	17.7
12 7	4 14.14	+24 23.6	1.680	2.657	3.5	17.8
12 17	4 4.78	+23 41.8	1.710	2.650	7.9	18.0
12 27	3 57.49	+23 1.8	1.766	2.643	11.8	18.3
1 6	3 52.91	+22 28.0	1.845	2.636	15.2	18.5

446941 2003 BQ_{65} 11 29.4 300°.81 1°.0/29.0 17

10 28	4 46.55	+20 14.2	1.792	2.645	13.4	21.4
11 7	4 41.26	+19 53.3	1.702	2.625	9.8	21.1
11 17	4 33.58	+19 28.1	1.636	2.604	5.7	20.8
11 27	4 24.31	+18 59.8	1.598	2.583	1.4	20.5
12 7	4 14.61	+18 31.2	1.588	2.563	3.9	20.6
12 17	4 5.69	+18 5.6	1.605	2.543	8.5	20.8
12 27	3 58.67	+17 46.7	1.648	2.523	12.7	21.0
1 6	3 54.29	+17 37.1	1.713	2.503	16.3	21.2

388944 2008 TR_{1} 11 29.4 159°.84 0°.1/29.4 18

10 28	4 50.94	+22 51.8	1.931	2.772	13.1	22.1
11 7	4 44.06	+22 39.2	1.862	2.777	9.6	21.9
11 17	4 34.95	+22 20.6	1.818	2.783	5.5	21.7
11 27	4 24.55	+21 56.7	1.802	2.787	1.1	21.4
12 7	4 13.99	+21 29.6	1.815	2.792	3.4	21.6
12 17	4 4.45	+21 2.4	1.858	2.795	7.6	21.8
12 27	3 56.89	+20 38.7	1.928	2.798	11.3	22.1
1 6	3 51.90	+20 21.7	2.021	2.801	14.5	22.3

470976 2009 SU_{17} 11 29.4 10°.63 9°.1/ 2.9 16

10 28	4 28.48	+36 10.8	0.535	1.450	25.4	18.7
11 7	4 30.79	+36 50.0	0.514	1.458	20.2	18.5
11 17	4 28.42	+36 49.9	0.507	1.471	14.6	18.3
11 27	4 23.30	+36 8.6	0.514	1.489	10.0	18.2
12 7	4 18.13	+34 53.7	0.538	1.512	9.5	18.3
12 17	4 15.19	+33 19.7	0.579	1.539	13.2	18.6
12 27	4 15.96	+31 43.2	0.637	1.570	17.9	19.0
1 6	4 20.74	+30 16.1	0.711	1.604	22.1	19.5

72023 2000 XE_{27} 11 29.4 71°.33 3°.6/30.2 18

10 28	4 54.71	+28 8.1	1.310	2.160	17.6	19.1
11 7	4 47.78	+28 48.8	1.255	2.171	13.2	18.8
11 17	4 37.45	+29 18.4	1.221	2.182	8.3	18.6
11 27	4 25.06	+29 32.8	1.212	2.193	4.0	18.4
12 7	4 12.42	+29 31.6	1.230	2.204	5.3	18.5
12 17	4 1.38	+29 18.1	1.274	2.215	9.9	18.8
12 27	3 53.40	+28 58.9	1.342	2.226	14.3	19.1
1 6	3 49.18	+28 40.2	1.430	2.237	18.1	19.4

484174 2006 UM_{235} 11 29.4 24°.61 1°.3/29.8 17

10 28	4 48.22	+25 5.7	1.674	2.524	14.4	21.7
11 7	4 42.44	+25 10.6	1.609	2.528	10.6	21.5
11 17	4 34.18	+25 7.9	1.567	2.532	6.2	21.3
11 27	4 24.41	+24 57.3	1.551	2.536	1.9	21.0
12 7	4 14.44	+24 40.1	1.564	2.541	3.7	21.1
12 17	4 5.55	+24 19.3	1.604	2.545	8.1	21.4
12 27	3 58.86	+23 59.3	1.669	2.551	12.1	21.7
1 6	3 55.00	+23 43.8	1.757	2.556	15.5	21.9

493950 2016 AW_{27} 11 29.4 23°.21 0°.2/29.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.52	+22 15.0	1.814	2.668	13.3	21.0
11 7	4 40.23	+21 56.4	1.751	2.673	9.6	20.8
11 17	4 32.80	+21 32.4	1.712	2.680	5.5	20.6
11 27	4 24.13	+21 4.3	1.701	2.687	1.1	20.3
12 7	4 15.35	+20 34.8	1.717	2.694	3.4	20.5
12 17	4 7.55	+20 7.0	1.762	2.702	7.7	20.7
12 27	4 1.67	+19 44.5	1.833	2.710	11.4	21.0
1 6	3 58.27	+19 29.7	1.926	2.719	14.6	21.2

199890 2007 FT_{30} 11 29.4 110°.16 0°.7/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.95	+24 6.5	1.763	2.605	14.1	21.1
11 7	4 44.86	+24 1.5	1.706	2.621	10.3	20.9
11 17	4 35.41	+23 49.3	1.672	2.637	5.9	20.7
11 27	4 24.64	+23 30.4	1.666	2.652	1.4	20.4
12 7	4 13.82	+23 6.4	1.690	2.666	3.5	20.6
12 17	4 4.20	+22 40.9	1.742	2.681	7.8	20.9
12 27	3 56.80	+22 17.9	1.821	2.695	11.7	21.2
1 6	3 52.17	+22 0.7	1.922	2.708	14.9	21.4

123907 2001 DB_{78} 11 29.4 118°.63 4°.9/27.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.17	+ 6 15.0	2.375	3.210	11.2	20.3
11 7	4 39.42	+ 5 40.9	2.317	3.220	8.6	20.2
11 17	4 32.14	+ 5 13.7	2.284	3.229	6.2	20.0
11 27	4 24.00	+ 4 56.3	2.280	3.238	4.9	20.0
12 7	4 15.79	+ 4 51.0	2.304	3.247	6.0	20.0
12 17	4 8.30	+ 4 58.6	2.357	3.255	8.3	20.2
12 27	4 2.22	+ 5 19.1	2.436	3.264	10.8	20.4
1 6	3 57.98	+ 5 51.0	2.538	3.272	13.0	20.6

363422 2003 RP_{16} 11 29.4 98°.22 0°.1/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.69	+23 33.9	2.345	3.183	11.2	20.3
11 7	4 40.55	+22 53.7	2.284	3.199	8.1	20.1
11 17	4 32.77	+22 7.3	2.249	3.214	4.6	19.9
11 27	4 24.11	+21 16.7	2.244	3.229	0.9	19.6
12 7	4 15.48	+20 24.8	2.269	3.244	2.9	19.8
12 17	4 7.72	+19 35.1	2.324	3.259	6.4	20.1
12 27	4 1.54	+18 51.1	2.407	3.273	9.5	20.3
1 6	3 57.40	+18 15.3	2.514	3.288	12.1	20.5

337438 2001 RS_{42} 11 29.4 134°.23 4°.9/27.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.13	+ 9 50.7	1.947	2.787	13.1	22.1
11 7	4 43.18	+ 8 52.8	1.893	2.803	9.8	22.0
11 17	4 34.32	+ 7 59.3	1.864	2.817	6.6	21.8
11 27	4 24.42	+ 7 14.7	1.864	2.831	4.9	21.7
12 7	4 14.52	+ 6 42.6	1.893	2.844	6.4	21.8
12 17	4 5.64	+ 6 25.4	1.951	2.857	9.4	22.1
12 27	3 58.59	+ 6 23.8	2.035	2.868	12.4	22.3
1 6	3 53.87	+ 6 36.7	2.140	2.879	15.0	22.5

170404 2003 UQ_{1} 11 29.4 278°.36 3°.7/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.88	+15 26.6	1.749	2.604	13.6	20.3
11 7	4 41.35	+14 18.7	1.670	2.592	10.0	20.0
11 17	4 33.54	+13 8.1	1.615	2.579	6.2	19.8
11 27	4 24.31	+11 59.6	1.588	2.567	3.7	19.6
12 7	4 14.81	+10 58.7	1.590	2.554	5.8	19.7
12 17	4 6.21	+10 10.4	1.619	2.541	9.7	19.9
12 27	3 59.52	+ 9 38.0	1.673	2.529	13.5	20.1
1 6	3 55.40	+ 9 22.7	1.748	2.516	16.8	20.3

108471 2001 KE_{57} 11 29.4 89°.15 6°.4/27.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.26	+ 4 37.8	1.892	2.729	13.5	19.8
11 7	4 41.83	+ 3 55.8	1.848	2.749	10.5	19.7
11 17	4 33.55	+ 3 23.9	1.828	2.769	7.7	19.6
11 27	4 24.28	+ 3 6.2	1.835	2.789	6.4	19.5
12 7	4 15.05	+ 3 5.0	1.870	2.808	7.5	19.6
12 17	4 6.83	+ 3 20.9	1.932	2.827	10.0	19.8
12 27	4 0.41	+ 3 52.7	2.019	2.846	12.7	20.0
1 6	3 56.27	+ 4 37.8	2.127	2.865	15.1	20.3

182533 2001 TA_{24} 11 29.4 9°.94 7°.0/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.47	+35 42.4	1.343	2.184	17.8	19.2
11 7	4 43.51	+36 36.5	1.285	2.187	14.1	18.9
11 17	4 35.16	+37 12.4	1.247	2.191	10.2	18.7
11 27	4 24.66	+37 24.6	1.233	2.197	7.3	18.6
12 7	4 13.80	+37 12.1	1.243	2.204	7.6	18.6
12 17	4 4.44	+36 38.7	1.278	2.212	10.6	18.8
12 27	3 58.06	+35 52.5	1.336	2.221	14.2	19.1
1 6	3 55.41	+35 2.6	1.414	2.232	17.7	19.3

40628 1999 RV_{173} 11 29.4 74°.53 6°.2/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.84	+36 5.0	1.648	2.465	16.1	18.8
11 7	4 47.54	+36 55.6	1.592	2.480	12.7	18.6
11 17	4 37.20	+37 29.3	1.558	2.496	9.1	18.5
11 27	4 25.03	+37 41.4	1.551	2.511	6.5	18.3
12 7	4 12.67	+37 30.9	1.570	2.527	6.7	18.4
12 17	4 1.76	+37 1.6	1.616	2.542	9.4	18.6
12 27	3 53.62	+36 20.6	1.687	2.558	12.7	18.8
1 6	3 48.91	+35 35.8	1.781	2.573	15.6	19.1

264471 2001 FR_{140} 11 29.4 264°.42 0°.4/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.56	+23 4.9	1.591	2.440	15.0	21.8
11 7	4 45.27	+23 2.3	1.503	2.422	11.1	21.5
11 17	4 36.06	+22 53.1	1.438	2.404	6.5	21.2
11 27	4 24.85	+22 37.1	1.400	2.386	1.4	20.8
12 7	4 13.06	+22 15.6	1.390	2.367	4.0	21.0
12 17	4 2.21	+21 52.1	1.408	2.348	9.2	21.2
12 27	3 53.69	+21 31.2	1.450	2.328	13.9	21.4
1 6	3 48.36	+21 17.2	1.514	2.308	17.9	21.6

264149 2009 UD_{141} 11 29.4 36°.80 3°.4/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.75	+32 0.9	1.860	2.692	13.9	19.7
11 7	4 41.92	+31 57.7	1.798	2.702	10.6	19.5
11 17	4 33.79	+31 41.1	1.759	2.712	6.9	19.3
11 27	4 24.35	+31 10.3	1.747	2.723	3.8	19.1
12 7	4 14.84	+30 27.3	1.763	2.734	4.3	19.2
12 17	4 6.45	+29 36.2	1.807	2.746	7.6	19.4
12 27	4 0.19	+28 42.9	1.877	2.758	11.1	19.7
1 6	3 56.60	+27 52.9	1.971	2.770	14.1	19.9

419932 2011 BC_{52} 11 29.4 215°.57 5°.2/27.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.49	+ 3 6.4	2.758	3.581	10.2	21.1
11 7	4 38.86	+ 2 38.2	2.683	3.575	8.0	21.0
11 17	4 31.84	+ 2 17.7	2.635	3.568	6.1	20.8
11 27	4 23.97	+ 2 7.8	2.614	3.561	5.2	20.8
12 7	4 15.96	+ 2 10.3	2.623	3.554	6.1	20.8
12 17	4 8.47	+ 2 26.1	2.661	3.546	8.1	20.9
12 27	4 2.16	+ 2 54.7	2.726	3.538	10.3	21.1
1 6	3 57.48	+ 3 34.7	2.814	3.530	12.3	21.2

26588 2000 EX_{128} 11 29.4 62°.05 6°.3/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.81	+ 6 35.1	1.712	2.560	14.2	18.5
11 7	4 41.05	+ 5 46.0	1.661	2.571	10.9	18.3
11 17	4 33.22	+ 5 5.7	1.634	2.582	7.8	18.2
11 27	4 24.24	+ 4 39.0	1.633	2.593	6.3	18.1
12 7	4 15.21	+ 4 29.0	1.659	2.605	7.6	18.2
12 17	4 7.21	+ 4 37.2	1.712	2.616	10.5	18.4
12 27	4 1.11	+ 5 2.6	1.788	2.627	13.6	18.6
1 6	3 57.46	+ 5 42.9	1.886	2.639	16.3	18.9

5342 Le Poole 11 29.4 135°.93 6°.9/26.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.92	+ 2 52.5	2.062	2.889	12.9	18.4
11 7	4 42.23	+ 1 50.5	2.012	2.904	10.2	18.3
11 17	4 33.76	+ 0 58.7	1.986	2.918	7.9	18.2
11 27	4 24.34	+ 0 21.7	1.988	2.931	6.9	18.1
12 7	4 14.91	+ 0 2.9	2.019	2.943	8.0	18.2
12 17	4 6.39	+ 0 3.4	2.077	2.955	10.3	18.4
12 27	3 59.56	+ 0 22.4	2.160	2.966	12.8	18.6
1 6	3 54.90	+ 0 57.2	2.263	2.976	15.0	18.8

354290 2002 RM_{290} 11 29.4 52°.51 5°.3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.18	+ 8 16.4	1.641	2.492	14.6	20.5
11 7	4 42.18	+ 7 56.3	1.586	2.500	11.0	20.3
11 17	4 33.93	+ 7 44.6	1.554	2.509	7.4	20.1
11 27	4 24.39	+ 7 44.6	1.549	2.518	5.3	20.0
12 7	4 14.74	+ 7 58.1	1.571	2.528	6.7	20.1
12 17	4 6.14	+ 8 25.7	1.620	2.537	10.1	20.3
12 27	3 59.58	+ 9 6.6	1.693	2.547	13.5	20.6
1 6	3 55.63	+ 9 58.3	1.788	2.557	16.5	20.8

435079 2007 BV_{21} 11 29.4 331°.57 5°.0/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.76	+33 57.3	1.513	2.344	16.6	20.8
11 7	4 46.26	+34 13.8	1.443	2.344	12.9	20.6
11 17	4 36.59	+34 13.2	1.395	2.344	8.8	20.4
11 27	4 24.94	+33 52.0	1.372	2.344	5.5	20.2
12 7	4 12.98	+33 11.0	1.376	2.344	5.9	20.2
12 17	4 2.43	+32 15.1	1.406	2.343	9.5	20.4
12 27	3 54.66	+31 12.6	1.462	2.343	13.5	20.7
1 6	3 50.43	+30 12.0	1.538	2.343	17.1	20.9

435003 2006 UG_{289} 11 29.4 264°.98 2°.8/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.79	+29 7.5	1.488	2.333	16.1	20.8
11 7	4 45.56	+29 8.1	1.411	2.325	12.2	20.5
11 17	4 36.23	+28 55.4	1.356	2.316	7.6	20.2
11 27	4 24.89	+28 27.7	1.327	2.308	3.4	20.0
12 7	4 13.12	+27 46.5	1.325	2.300	4.6	20.0
12 17	4 2.60	+26 56.7	1.349	2.291	9.3	20.3
12 27	3 54.72	+26 5.5	1.399	2.283	13.9	20.5
1 6	3 50.27	+25 19.7	1.469	2.274	17.8	20.7

388422 2006 YF_{8} 11 29.4 323°.98 1°.3/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.24	+25 14.2	1.260	2.125	17.2	21.0
11 7	4 43.34	+25 8.8	1.185	2.112	12.8	20.7
11 17	4 35.12	+24 53.0	1.132	2.099	7.6	20.4
11 27	4 24.69	+24 26.4	1.102	2.087	2.1	20.1
12 7	4 13.72	+23 51.3	1.098	2.076	4.5	20.2
12 17	4 4.00	+23 12.8	1.119	2.065	10.2	20.5
12 27	3 57.07	+22 37.5	1.163	2.055	15.4	20.7
1 6	3 53.80	+22 11.0	1.226	2.046	19.7	21.0

81581 2000 HR_{44} 11 29.4 62°.28 0°.8/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.50	+23 12.3	1.814	2.660	13.6	19.4
11 7	4 43.24	+23 29.3	1.747	2.664	10.0	19.2
11 17	4 34.62	+23 41.3	1.703	2.668	5.8	18.9
11 27	4 24.55	+23 47.7	1.687	2.672	1.5	18.7
12 7	4 14.24	+23 48.9	1.700	2.676	3.5	18.8
12 17	4 4.92	+23 46.9	1.741	2.681	7.8	19.1
12 27	3 57.65	+23 44.7	1.808	2.685	11.6	19.3
1 6	3 53.07	+23 45.3	1.898	2.689	14.9	19.6

259018 2002 TD_{159} 11 29.4 103°.45 4°.7/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.15	+10 7.1	1.550	2.399	15.4	19.9
11 7	4 45.09	+ 9 50.1	1.499	2.414	11.5	19.7
11 17	4 35.59	+ 9 40.1	1.471	2.429	7.4	19.5
11 27	4 24.72	+ 9 39.8	1.470	2.444	4.8	19.4
12 7	4 13.81	+ 9 51.2	1.496	2.458	6.4	19.5
12 17	4 4.13	+10 14.9	1.550	2.472	10.1	19.8
12 27	3 56.75	+10 50.4	1.629	2.485	13.8	20.0
1 6	3 52.22	+11 36.1	1.728	2.498	16.9	20.3

69166 3075 *P–L* 11 29.4 36°.56 4°.2/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.68	+33 25.5	1.680	2.513	15.2	19.2
11 7	4 42.73	+33 29.5	1.630	2.533	11.6	19.0
11 17	4 34.27	+33 17.9	1.602	2.553	7.7	18.8
11 27	4 24.45	+32 49.7	1.600	2.573	4.6	18.7
12 7	4 14.67	+32 6.9	1.625	2.595	4.9	18.7
12 17	4 6.24	+31 14.4	1.678	2.617	8.1	19.0
12 27	4 0.17	+30 18.7	1.757	2.639	11.6	19.2
1 6	3 56.99	+29 26.0	1.858	2.662	14.6	19.5

227054 2005 EH_{38} 11 29.4 40°.42 17°.1/30.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 8.82	+45 14.0	0.976	1.788	25.0	19.7
11 7	5 1.53	+48 46.3	0.934	1.796	21.8	19.5
11 17	4 47.24	+51 50.3	0.910	1.805	18.9	19.3
11 27	4 27.28	+54 2.3	0.906	1.814	17.3	19.3
12 7	4 5.31	+55 7.8	0.922	1.824	17.5	19.3
12 17	3 46.05	+55 8.9	0.957	1.835	19.3	19.5
12 27	3 33.20	+54 23.8	1.010	1.846	21.8	19.7
1 6	3 28.01	+53 14.8	1.077	1.858	24.4	19.9

449458 2013 KC_{17} 11 29.4 76°.16 7°.1/26.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.97	+ 1 29.1	2.108	2.938	12.6	20.5
11 7	4 39.46	+ 0 40.5	2.053	2.945	10.1	20.4
11 17	4 32.25	+ 0 3.0	2.022	2.951	7.9	20.2
11 27	4 24.07	− 0 19.0	2.018	2.958	7.1	20.2
12 7	4 15.83	− 0 22.8	2.042	2.965	8.0	20.3
12 17	4 8.36	− 0 7.7	2.092	2.971	10.2	20.4
12 27	4 2.44	+ 0 25.1	2.167	2.978	12.6	20.6
1 6	3 58.54	+ 1 12.8	2.262	2.985	14.7	20.8

257632 1999 TA_{177} 11 29.4 345°.75 3°.9/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.57	+28 7.7	1.027	1.902	19.4	19.8
11 7	4 42.77	+28 41.2	0.961	1.890	14.7	19.5
11 17	4 35.09	+29 2.2	0.915	1.880	9.3	19.2
11 27	4 24.73	+29 7.0	0.890	1.871	4.5	18.9
12 7	4 13.69	+28 54.9	0.888	1.864	5.9	19.0
12 17	4 4.15	+28 29.9	0.909	1.858	11.4	19.2
12 27	3 57.96	+28 0.0	0.950	1.854	16.8	19.5
1 6	3 56.06	+27 32.9	1.010	1.851	21.4	19.8

325576 2009 SV_{135} 11 29.4 95°.77 0°.8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.22	+24 54.2	2.228	3.066	11.7	21.4
11 7	4 41.16	+24 48.1	2.163	3.077	8.6	21.2
11 17	4 33.25	+24 35.7	2.124	3.087	5.0	21.0
11 27	4 24.28	+24 17.2	2.112	3.097	1.4	20.8
12 7	4 15.23	+23 54.3	2.131	3.107	2.9	20.9
12 17	4 7.03	+23 29.4	2.179	3.117	6.5	21.2
12 27	4 0.52	+23 5.9	2.255	3.127	9.8	21.4
1 6	3 56.19	+22 46.5	2.354	3.137	12.6	21.6

356143 2009 FR_{72} 11 29.4 215°.46 3°.7/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.14	+ 9 41.3	2.384	3.219	11.2	21.4
11 7	4 41.74	+ 9 27.3	2.303	3.211	8.4	21.2
11 17	4 33.60	+ 9 18.0	2.248	3.202	5.5	21.0
11 27	4 24.37	+ 9 15.5	2.222	3.193	3.8	20.9
12 7	4 14.89	+ 9 21.4	2.226	3.184	5.0	21.0
12 17	4 6.05	+ 9 36.6	2.260	3.174	7.9	21.1
12 27	3 58.64	+10 1.5	2.322	3.163	10.8	21.3
1 6	3 53.21	+10 35.4	2.407	3.152	13.4	21.5

445728 2011 UU_{310} 11 29.4 311°.50 1°.2/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.16	+25 4.1	1.715	2.564	14.1	21.2
11 7	4 42.51	+25 4.6	1.638	2.556	10.4	21.0
11 17	4 34.33	+24 57.5	1.583	2.548	6.2	20.7
11 27	4 24.53	+24 42.2	1.556	2.540	1.8	20.4
12 7	4 14.38	+24 20.4	1.556	2.533	3.7	20.5
12 17	4 5.20	+23 55.1	1.584	2.526	8.2	20.8
12 27	3 58.15	+23 30.8	1.638	2.519	12.4	21.0
1 6	3 53.93	+23 11.5	1.714	2.512	15.9	21.2

248764 2006 RO_{69} 11 29.4 204°.19 1°.1/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.71	+19 43.5	2.036	2.882	12.3	21.0
11 7	4 41.69	+19 20.0	1.961	2.879	9.0	20.8
11 17	4 33.64	+18 53.0	1.911	2.877	5.1	20.5
11 27	4 24.38	+18 24.2	1.889	2.875	1.4	20.3
12 7	4 14.92	+17 56.0	1.897	2.872	3.6	20.4
12 17	4 6.31	+17 31.3	1.935	2.869	7.5	20.7
12 27	3 59.44	+17 13.0	1.999	2.865	11.1	20.9
1 6	3 54.90	+17 3.1	2.085	2.862	14.2	21.1

200052 Sinigaglia 11 29.4 81°.66 3°.2/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.24	+15 55.5	1.522	2.379	15.2	20.0
11 7	4 43.72	+15 9.8	1.474	2.396	11.0	19.8
11 17	4 34.80	+14 24.0	1.449	2.414	6.6	19.6
11 27	4 24.60	+13 41.9	1.450	2.431	3.2	19.5
12 7	4 14.44	+13 7.8	1.480	2.449	5.4	19.6
12 17	4 5.58	+12 44.8	1.537	2.466	9.6	19.9
12 27	3 59.02	+12 35.3	1.618	2.483	13.4	20.2
1 6	3 55.27	+12 39.2	1.720	2.499	16.6	20.5

189969 2003 UP_{276} 11 29.4 74°.13 3°.0/27.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.88	+16 23.5	2.191	3.037	11.6	19.2
11 7	4 40.01	+15 0.6	2.132	3.050	8.4	19.0
11 17	4 32.51	+13 35.8	2.101	3.063	5.1	18.9
11 27	4 24.14	+12 13.5	2.099	3.076	3.0	18.8
12 7	4 15.81	+10 58.7	2.127	3.089	4.7	18.9
12 17	4 8.36	+ 9 55.4	2.185	3.103	7.8	19.1
12 27	4 2.49	+ 9 6.7	2.270	3.116	10.8	19.3
1 6	3 58.64	+ 8 33.3	2.378	3.129	13.4	19.5

264466 2001 DX_{103} 11 29.4 260°.45 0°.8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.06	+24 42.6	2.490	3.324	10.8	21.2
11 7	4 41.13	+24 39.5	2.394	3.305	8.0	21.0
11 17	4 33.34	+24 30.7	2.322	3.285	4.7	20.7
11 27	4 24.35	+24 16.1	2.280	3.265	1.3	20.4
12 7	4 15.04	+23 56.6	2.269	3.245	2.8	20.5
12 17	4 6.31	+23 34.4	2.287	3.224	6.4	20.7
12 27	3 59.02	+23 12.4	2.334	3.203	9.7	20.9
1 6	3 53.79	+22 53.6	2.405	3.182	12.5	21.1

370269 2002 QL_{54} 11 29.4 122°.43 6°.2/ 2.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.06	+42 1.4	2.487	3.263	12.5	21.3
11 7	4 44.23	+42 35.9	2.414	3.268	10.3	21.1
11 17	4 35.14	+42 54.5	2.365	3.274	8.1	21.0
11 27	4 24.69	+42 54.2	2.343	3.279	6.5	20.9
12 7	4 14.03	+42 34.3	2.348	3.284	6.4	20.9
12 17	4 4.32	+41 57.1	2.382	3.289	7.8	21.0
12 27	3 56.56	+41 7.8	2.442	3.293	10.0	21.2
1 6	3 51.38	+40 12.5	2.527	3.298	12.1	21.3

434616 2005 UM_{472} 11 29.4 24°.79 2°.0/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.09	+20 38.7	1.339	2.205	16.3	20.4
11 7	4 42.63	+19 34.5	1.280	2.208	11.8	20.2
11 17	4 34.39	+18 22.7	1.243	2.212	6.8	19.9
11 27	4 24.55	+17 8.3	1.232	2.217	2.2	19.6
12 7	4 14.62	+15 57.7	1.248	2.222	5.1	19.8
12 17	4 6.05	+14 57.6	1.290	2.228	10.1	20.1
12 27	3 59.99	+14 13.2	1.356	2.234	14.7	20.4
1 6	3 57.07	+13 46.5	1.442	2.240	18.4	20.7

311680 2006 SL_{74} 11 29.4 346°.52 0°.5/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.63	+20 34.9	1.752	2.605	13.7	20.9
11 7	4 41.96	+20 30.5	1.681	2.603	10.0	20.7
11 17	4 33.94	+20 22.6	1.633	2.601	5.7	20.4
11 27	4 24.48	+20 12.1	1.613	2.599	1.2	20.1
12 7	4 14.76	+20 0.5	1.621	2.598	3.7	20.3
12 17	4 5.98	+19 50.4	1.657	2.597	8.1	20.5
12 27	3 59.22	+19 44.6	1.719	2.596	12.1	20.8
1 6	3 55.11	+19 45.5	1.803	2.595	15.5	21.0

13661 1997 GH_{8} 11 29.4 176°.67 1°.0/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.46	+20 48.7	1.634	2.486	14.6	19.2
11 7	4 44.06	+20 17.3	1.565	2.487	10.6	18.9
11 17	4 35.14	+19 40.3	1.520	2.488	6.1	18.7
11 27	4 24.71	+18 59.9	1.503	2.488	1.5	18.4
12 7	4 14.08	+18 19.5	1.513	2.488	4.1	18.6
12 17	4 4.58	+17 43.4	1.552	2.488	8.8	18.8
12 27	3 57.31	+17 15.7	1.616	2.488	13.0	19.1
1 6	3 52.91	+16 59.0	1.701	2.487	16.5	19.3

19198 1992 ED_{8} 11 29.4 247°.55 0°.7/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.16	+24 23.9	2.166	3.006	11.9	18.7
11 7	4 41.31	+24 18.5	2.087	3.001	8.8	18.5
11 17	4 33.46	+24 7.0	2.033	2.996	5.1	18.2
11 27	4 24.38	+23 49.5	2.006	2.991	1.3	18.0
12 7	4 15.07	+23 27.4	2.010	2.986	3.0	18.1
12 17	4 6.54	+23 3.3	2.043	2.981	6.9	18.3
12 27	3 59.70	+22 40.6	2.103	2.976	10.4	18.5
1 6	3 55.14	+22 22.2	2.186	2.970	13.4	18.7

456015 2005 YT_{73} 11 29.4 350°.95 3°.6/ 1.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.74	+32 48.7	1.892	2.722	13.9	20.7
11 7	4 42.06	+32 43.7	1.818	2.719	10.6	20.4
11 17	4 33.99	+32 24.6	1.766	2.717	7.0	20.2
11 27	4 24.49	+31 50.1	1.740	2.715	4.0	20.0
12 7	4 14.79	+31 2.0	1.743	2.714	4.4	20.1
12 17	4 6.13	+30 4.6	1.774	2.713	7.7	20.3
12 27	3 59.57	+29 3.9	1.832	2.712	11.3	20.5
1 6	3 55.73	+28 6.2	1.912	2.712	14.4	20.7

113165 2002 RB_{100} 11 29.4 117°.33 3°.8/30.9 18

10 28	4 52.42	+32 33.4	2.068	2.885	13.3	19.7
11 7	4 45.21	+32 57.3	2.005	2.899	10.2	19.5
11 17	4 35.69	+33 9.1	1.965	2.912	6.8	19.3
11 27	4 24.82	+33 6.6	1.954	2.925	4.1	19.2
12 7	4 13.82	+32 50.0	1.971	2.938	4.6	19.2
12 17	4 3.90	+32 22.3	2.018	2.950	7.4	19.4
12 27	3 56.07	+31 48.3	2.092	2.962	10.6	19.6
1 6	3 50.92	+31 13.5	2.190	2.973	13.4	19.8

483958 2006 BW_{188} 11 29.4 148°.72 4°.4/27.3 18

10 28	4 44.29	+ 5 28.3	2.942	3.768	9.5	21.9
11 7	4 38.60	+ 4 59.4	2.880	3.777	7.3	21.7
11 17	4 31.66	+ 4 36.5	2.845	3.785	5.3	21.6
11 27	4 24.03	+ 4 22.0	2.838	3.793	4.4	21.5
12 7	4 16.33	+ 4 17.7	2.862	3.800	5.2	21.6
12 17	4 9.20	+ 4 24.2	2.916	3.808	7.2	21.8
12 27	4 3.19	+ 4 41.6	2.996	3.814	9.3	21.9
1 6	3 58.72	+ 5 8.9	3.100	3.821	11.2	22.1

134287 2006 CG_{60} 11 29.4 207°.74 2°.8/28.3 18

10 28	4 45.79	+10 33.9	3.029	3.859	9.2	20.6
11 7	4 39.76	+10 29.4	2.946	3.853	6.8	20.4
11 17	4 32.39	+10 28.4	2.891	3.846	4.4	20.2
11 27	4 24.19	+10 32.1	2.866	3.839	2.8	20.1
12 7	4 15.81	+10 41.5	2.872	3.831	3.9	20.2
12 17	4 7.91	+10 57.4	2.908	3.823	6.2	20.3
12 27	4 1.12	+11 20.0	2.974	3.814	8.7	20.5
1 6	3 55.87	+11 49.2	3.064	3.805	10.9	20.6

27403 2000 EP_{111} 11 29.4 180°.75 0°.0/29.3 18

10 28	4 50.17	+20 51.7	2.072	2.912	12.4	19.4
11 7	4 43.54	+21 9.7	1.998	2.913	9.0	19.2
11 17	4 34.77	+21 25.3	1.948	2.913	5.2	19.0
11 27	4 24.67	+21 37.9	1.927	2.913	1.0	18.7
12 7	4 14.30	+21 47.8	1.937	2.913	3.2	18.9
12 17	4 4.75	+21 56.3	1.976	2.912	7.2	19.1
12 27	3 56.99	+22 5.2	2.042	2.912	10.8	19.4
1 6	3 51.64	+22 16.9	2.132	2.911	13.8	19.6

274150 2008 FK_{68} 11 29.4 100°.87 1°.0/29.7 18

10 28	4 52.50	+23 35.3	1.482	2.334	15.8	20.6
11 7	4 45.87	+23 51.5	1.418	2.338	11.6	20.3
11 17	4 36.33	+24 1.4	1.377	2.343	6.8	20.1
11 27	4 24.99	+24 4.0	1.363	2.348	1.8	19.7
12 7	4 13.38	+23 59.8	1.375	2.352	4.0	19.9
12 17	4 3.03	+23 51.6	1.416	2.357	9.0	20.2
12 27	3 55.24	+23 43.5	1.481	2.361	13.4	20.5
1 6	3 50.72	+23 39.6	1.567	2.366	17.1	20.8

234622 2002 AL_{146} 11 29.4 299°.92 1°.9/30.1 18

10 28	4 49.21	+27 14.7	1.523	2.374	15.5	20.7
11 7	4 43.71	+27 8.6	1.440	2.358	11.6	20.5
11 17	4 35.24	+26 51.1	1.378	2.342	7.1	20.2
11 27	4 24.81	+26 21.3	1.342	2.326	2.6	19.8
12 7	4 13.87	+25 41.0	1.333	2.310	4.2	19.9
12 17	4 3.98	+24 54.7	1.351	2.295	9.1	20.2
12 27	3 56.53	+24 9.1	1.394	2.279	13.8	20.4
1 6	3 52.34	+23 29.9	1.458	2.265	17.8	20.6

99278 2001 QA_{68} 11 29.4 309°.25 17°.0/17.7 17

10 28	4 45.36	+ 1 4.7	0.909	1.787	21.1	19.3
11 7	4 41.88	− 3 9.1	0.846	1.757	18.4	19.0
11 17	4 34.65	− 7 22.2	0.803	1.728	17.0	18.8
11 27	4 24.75	−11 7.8	0.781	1.699	18.1	18.8
12 7	4 13.98	−14 1.4	0.780	1.671	21.3	18.8
12 17	4 4.35	−15 48.4	0.796	1.643	25.3	18.9
12 27	3 57.72	−16 27.4	0.824	1.617	29.2	19.1
1 6	3 55.15	−16 7.7	0.862	1.591	32.7	19.3

480269 2015 HZ_{81} 11 29.4 189°.46 2°.2/28.6 16

10 28	4 50.25	+18 24.3	1.655	2.508	14.4	22.4
11 7	4 43.87	+17 40.9	1.586	2.507	10.5	22.2
11 17	4 35.04	+16 53.7	1.540	2.507	6.1	21.9
11 27	4 24.74	+16 5.9	1.522	2.506	2.3	21.7
12 7	4 14.25	+15 21.6	1.532	2.504	4.7	21.8
12 17	4 4.83	+14 45.1	1.571	2.502	9.1	22.1
12 27	3 57.58	+14 20.0	1.634	2.500	13.2	22.3
1 6	3 53.12	+14 8.0	1.719	2.498	16.7	22.6

347244 2011 JK_{27} 11 29.4 72°.08 0°.2/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.98	+22 36.9	1.591	2.438	15.1	19.5
11 7	4 45.54	+22 13.6	1.552	2.471	10.9	19.3
11 17	4 35.76	+21 44.0	1.537	2.503	6.1	19.1
11 27	4 24.83	+21 9.8	1.549	2.535	1.2	18.8
12 7	4 14.13	+20 34.3	1.590	2.566	3.7	19.1
12 17	4 4.89	+20 1.4	1.659	2.597	8.2	19.4
12 27	3 58.05	+19 35.1	1.754	2.628	12.1	19.7
1 6	3 54.06	+19 17.8	1.871	2.658	15.2	20.0

480229 2015 GP_{47} 11 29.4 256°.42 0°.0/29.3 18

10 28	4 52.30	+20 53.4	1.483	2.337	15.7	21.4
11 7	4 45.89	+21 6.1	1.407	2.329	11.5	21.1
11 17	4 36.48	+21 15.5	1.353	2.320	6.7	20.8
11 27	4 25.07	+21 21.2	1.326	2.312	1.3	20.4
12 7	4 13.15	+21 23.8	1.326	2.303	4.2	20.6
12 17	4 2.30	+21 25.3	1.353	2.294	9.4	20.9
12 27	3 53.94	+21 29.1	1.406	2.285	14.1	21.1
1 6	3 48.88	+21 38.1	1.479	2.276	18.1	21.4

96759 1999 RE_{22} 11 29.4 8°.91 3°.5/28.4 18

10 28	4 46.87	+14 57.4	1.412	2.278	15.6	19.0
11 7	4 41.69	+14 24.9	1.352	2.279	11.5	18.7
11 17	4 33.90	+13 53.7	1.314	2.280	6.9	18.5
11 27	4 24.53	+13 27.3	1.301	2.282	3.5	18.3
12 7	4 14.96	+13 9.3	1.315	2.285	5.7	18.4
12 17	4 6.54	+13 2.6	1.355	2.288	10.2	18.7
12 27	4 0.43	+13 9.1	1.418	2.292	14.4	19.0
1 6	3 57.28	+13 28.5	1.502	2.297	17.9	19.2

113391 2002 SG_{20} 11 29.4 69°.74 1°.3/28.9 18

10 28	4 48.14	+19 35.4	1.746	2.599	13.7	20.1
11 7	4 42.20	+19 11.0	1.684	2.606	10.0	19.9
11 17	4 34.03	+18 43.3	1.646	2.613	5.7	19.6
11 27	4 24.56	+18 14.1	1.635	2.621	1.6	19.4
12 7	4 14.98	+17 46.4	1.653	2.628	3.9	19.6
12 17	4 6.45	+17 23.2	1.699	2.635	8.2	19.8
12 27	3 59.93	+17 7.7	1.771	2.643	12.1	20.1
1 6	3 56.01	+17 1.6	1.865	2.651	15.3	20.3

464483 2016 BM_{55} 11 29.4 277°.16 3°.1/30.9 18

10 28	4 47.16	+32 36.7	2.456	3.273	11.4	20.4
11 7	4 41.33	+32 33.2	2.360	3.256	8.8	20.2
11 17	4 33.53	+32 18.5	2.290	3.238	5.9	20.0
11 27	4 24.48	+31 51.3	2.247	3.221	3.4	19.8
12 7	4 15.15	+31 12.5	2.234	3.204	3.8	19.8
12 17	4 6.52	+30 25.1	2.251	3.186	6.6	20.0
12 27	3 59.50	+29 33.4	2.296	3.168	9.7	20.1
1 6	3 54.69	+28 42.2	2.365	3.151	12.4	20.3

373071 2011 FU_{66} 11 29.4 258°.67 7°.5/25.8 18

10 28	4 43.65	− 2 53.9	2.509	3.320	11.4	20.5
11 7	4 38.43	− 3 42.6	2.441	3.312	9.5	20.4
11 17	4 31.72	− 4 19.5	2.398	3.305	8.0	20.3
11 27	4 24.11	− 4 40.3	2.382	3.297	7.5	20.2
12 7	4 16.35	− 4 42.4	2.392	3.289	8.3	20.3
12 17	4 9.17	− 4 25.0	2.430	3.282	10.0	20.4
12 27	4 3.25	− 3 49.2	2.491	3.274	12.0	20.5
1 6	3 59.07	− 2 57.7	2.574	3.266	13.8	20.6

228557 2001 XH_{103} 11 29.4 268°.88 2°.9/30.9 17

10 28	4 55.84	+33 49.9	1.150	1.996	19.8	19.9
11 7	4 49.16	+32 31.3	1.073	1.986	15.2	19.6
11 17	4 38.54	+30 41.1	1.017	1.977	9.6	19.2
11 27	4 25.50	+28 20.0	0.985	1.967	3.9	18.9
12 7	4 12.23	+25 37.3	0.980	1.957	5.1	18.9
12 17	4 0.88	+22 49.2	1.002	1.947	11.2	19.2
12 27	3 53.06	+20 13.5	1.048	1.937	16.9	19.5
1 6	3 49.46	+18 2.7	1.114	1.928	21.7	19.8

333984 2000 SX_{27} 11 29.4 16°.96 4°.3/30.9 18

10 28	4 48.79	+31 34.3	1.233	2.089	18.1	19.4
11 7	4 43.71	+31 41.4	1.177	2.093	13.8	19.1
11 17	4 35.28	+31 31.0	1.141	2.099	9.0	18.9
11 27	4 24.85	+31 1.2	1.128	2.106	4.8	18.7
12 7	4 14.23	+30 14.2	1.140	2.114	5.5	18.8
12 17	4 5.22	+29 16.4	1.177	2.123	9.9	19.0
12 27	3 59.20	+28 16.6	1.238	2.132	14.4	19.3
1 6	3 56.83	+27 22.5	1.318	2.143	18.3	19.6

210398 2007 VM_{238} 11 29.4 68°.81 0°.0/29.3 18

10 28	4 50.45	+21 42.1	1.667	2.517	14.4	19.8
11 7	4 43.93	+21 45.4	1.614	2.534	10.5	19.6
11 17	4 35.03	+21 44.3	1.584	2.551	6.0	19.4
11 27	4 24.79	+21 38.9	1.582	2.568	1.2	19.1
12 7	4 14.49	+21 30.8	1.608	2.585	3.6	19.3
12 17	4 5.39	+21 22.4	1.662	2.602	8.1	19.6
12 27	3 58.50	+21 16.9	1.742	2.619	12.0	19.9
1 6	3 54.39	+21 16.6	1.844	2.636	15.2	20.2

405201 2003 FF_3 11 29.4 281°.03 20°.2/24.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.08	−17 30.5	1.153	1.942	23.3	20.6
11 7	4 46.94	−19 10.4	1.098	1.925	21.6	20.4
11 17	4 37.30	−20 12.7	1.058	1.908	20.5	20.2
11 27	4 25.31	−20 22.6	1.035	1.890	20.3	20.2
12 7	4 12.73	−19 32.3	1.030	1.873	21.2	20.2
12 17	4 1.43	−17 42.3	1.042	1.855	23.0	20.2
12 27	3 53.03	−15 2.0	1.071	1.838	25.4	20.3
1 6	3 48.41	−11 45.7	1.113	1.820	27.8	20.5

132637 2002 LW_{34} 11 29.4 128°.27 2°.2/30.5 18

10 28	4 51.40	+29 29.0	2.130	2.955	12.7	20.3
11 7	4 44.30	+29 18.8	2.066	2.969	9.4	20.2
11 17	4 35.13	+28 58.0	2.026	2.983	5.9	20.0
11 27	4 24.81	+28 26.3	2.015	2.996	2.6	19.8
12 7	4 14.46	+27 45.5	2.035	3.009	3.4	19.9
12 17	4 5.16	+26 59.5	2.084	3.021	6.9	20.1
12 27	3 57.81	+26 13.0	2.161	3.032	10.2	20.3
1 6	3 52.93	+25 30.5	2.261	3.043	13.0	20.6

360987 2005 UR_{347} 11 29.4 101°.82 0°.2/29.5 18

10 28	4 48.77	+21 40.0	2.075	2.917	12.3	20.9
11 7	4 42.51	+21 53.8	2.007	2.923	9.0	20.7
11 17	4 34.20	+22 4.4	1.963	2.928	5.1	20.5
11 27	4 24.65	+22 11.3	1.948	2.933	1.1	20.2
12 7	4 14.91	+22 15.2	1.962	2.939	3.1	20.4
12 17	4 6.01	+22 17.5	2.006	2.944	7.0	20.7
12 27	3 58.88	+22 20.6	2.077	2.949	10.5	20.9
1 6	3 54.10	+22 26.6	2.171	2.954	13.5	21.1

154605 2003 QG_{34} 11 29.4 114°.88 1°.6/30.2 18

10 28	4 48.02	+27 32.2	2.446	3.274	11.1	21.0
11 7	4 41.67	+27 30.5	2.381	3.287	8.2	20.8
11 17	4 33.59	+27 21.2	2.341	3.300	5.0	20.7
11 27	4 24.52	+27 4.0	2.331	3.313	2.0	20.5
12 7	4 15.39	+26 40.3	2.350	3.325	2.9	20.6
12 17	4 7.07	+26 12.6	2.400	3.337	6.1	20.8
12 27	4 0.36	+25 44.1	2.478	3.349	9.1	21.0
1 6	3 55.73	+25 18.1	2.581	3.361	11.7	21.2

156567 2002 EL_{86} 11 29.4 194°.69 3°.7/30.9 17

10 28	4 49.90	+33 18.0	2.471	3.281	11.6	20.6
11 7	4 43.31	+33 45.7	2.390	3.280	9.0	20.4
11 17	4 34.67	+34 2.9	2.335	3.278	6.2	20.2
11 27	4 24.76	+34 7.7	2.308	3.276	4.0	20.1
12 7	4 14.58	+33 59.5	2.310	3.273	4.3	20.1
12 17	4 5.15	+33 40.4	2.342	3.271	6.8	20.2
12 27	3 57.40	+33 14.0	2.402	3.268	9.6	20.4
1 6	3 51.97	+32 44.8	2.486	3.265	12.1	20.6

72796 2001 FR_{179} 11 29.4 298°.78 2°.0/28.9 18

10 28	4 49.18	+16 3.7	1.650	2.505	14.3	19.4
11 7	4 43.38	+16 9.9	1.569	2.491	10.5	19.1
11 17	4 34.98	+16 17.7	1.512	2.478	6.2	18.8
11 27	4 24.86	+16 28.3	1.481	2.465	2.2	18.6
12 7	4 14.25	+16 42.5	1.478	2.452	4.5	18.7
12 17	4 4.50	+17 1.6	1.503	2.439	9.1	18.9
12 27	3 56.82	+17 26.8	1.554	2.427	13.4	19.2
1 6	3 51.99	+17 58.8	1.625	2.415	17.0	19.4

114113 2002 VS_{47} 11 29.4 68°.36 1°.0/29.2 18

10 28	4 53.05	+18 33.7	1.367	2.225	16.5	19.3
11 7	4 46.22	+18 48.4	1.317	2.240	12.0	19.1
11 17	4 36.51	+19 2.1	1.288	2.256	6.8	18.8
11 27	4 25.13	+19 14.8	1.286	2.272	1.6	18.5
12 7	4 13.65	+19 27.1	1.311	2.287	4.4	18.8
12 17	4 3.61	+19 40.5	1.363	2.303	9.4	19.1
12 27	3 56.21	+19 57.3	1.439	2.319	13.8	19.4
1 6	3 52.09	+20 19.2	1.536	2.334	17.4	19.7

86697 2000 FY_{49} 11 29.4 126°.78 1°.3/29.9 18

10 28	4 52.63	+25 47.9	1.781	2.619	14.2	18.6
11 7	4 45.51	+25 44.8	1.719	2.631	10.4	18.4
11 17	4 35.96	+25 33.1	1.680	2.643	6.2	18.2
11 27	4 25.02	+25 12.5	1.670	2.654	1.9	18.0
12 7	4 13.98	+24 44.9	1.689	2.665	3.6	18.1
12 17	4 4.12	+24 13.8	1.736	2.675	7.8	18.4
12 27	3 56.49	+23 44.0	1.810	2.685	11.7	18.6
1 6	3 51.68	+23 19.4	1.907	2.694	14.9	18.9

125138 2001 UC_{63} 11 29.4 315°.67 0°.3/29.6 18

10 28	4 47.94	+23 23.5	1.350	2.214	16.3	19.3
11 7	4 43.06	+23 13.0	1.269	2.196	12.1	19.0
11 17	4 35.05	+22 54.3	1.209	2.178	7.1	18.6
11 27	4 24.91	+22 27.8	1.174	2.160	1.5	18.2
12 7	4 14.16	+21 55.9	1.165	2.143	4.3	18.4
12 17	4 4.48	+21 23.1	1.182	2.127	10.0	18.6
12 27	3 57.37	+20 55.2	1.222	2.111	15.0	18.9
1 6	3 53.70	+20 36.6	1.282	2.096	19.3	19.1

200479 2000 YO_{12} 11 29.4 27°.18 2°.9/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.13	+16 49.9	1.111	1.990	17.9	18.8
11 7	4 42.20	+16 22.6	1.071	2.005	13.0	18.5
11 17	4 34.27	+15 55.4	1.052	2.021	7.6	18.3
11 27	4 24.69	+15 32.0	1.055	2.039	3.1	18.1
12 7	4 15.12	+15 16.2	1.084	2.058	5.7	18.3
12 17	4 7.14	+15 10.9	1.137	2.078	10.7	18.6
12 27	4 1.94	+15 18.0	1.212	2.099	15.3	19.0
1 6	4 0.05	+15 37.2	1.306	2.121	19.0	19.3

67082 2000 AY_{32} 11 29.4 345°.25 5°.5/ 1.8 17

10 28	4 48.25	+37 4.1	1.874	2.690	14.5	18.3
11 7	4 42.70	+37 18.1	1.797	2.685	11.5	18.1
11 17	4 34.54	+37 15.4	1.742	2.680	8.3	17.9
11 27	4 24.77	+36 53.1	1.713	2.675	5.8	17.8
12 7	4 14.71	+36 11.7	1.711	2.671	5.9	17.8
12 17	4 5.74	+35 15.0	1.736	2.668	8.5	17.9
12 27	3 59.00	+34 9.8	1.787	2.665	11.7	18.1
1 6	3 55.19	+33 3.4	1.861	2.662	14.7	18.3

336051 2008 CH_{143} 11 29.4 175°.85 0°.1/29.4 18

10 28	4 52.56	+22 13.0	2.066	2.901	12.6	22.1
11 7	4 45.24	+22 0.0	1.992	2.905	9.2	21.9
11 17	4 35.76	+21 41.7	1.943	2.908	5.3	21.7
11 27	4 24.99	+21 18.7	1.924	2.909	1.0	21.4
12 7	4 14.05	+20 52.8	1.934	2.910	3.3	21.6
12 17	4 4.04	+20 27.0	1.975	2.910	7.3	21.8
12 27	3 55.92	+20 4.7	2.044	2.909	11.0	22.1
1 6	3 50.28	+19 48.8	2.136	2.908	14.1	22.3

54901 2001 OX_{75} 11 29.4 87°.05 7°.0/ 2.1 18

10 28	4 56.03	+38 30.6	1.532	2.345	17.3	19.5
11 7	4 48.71	+39 3.3	1.474	2.358	13.8	19.3
11 17	4 38.07	+39 15.0	1.437	2.370	10.2	19.1
11 27	4 25.46	+39 1.0	1.425	2.382	7.4	19.0
12 7	4 12.72	+38 21.3	1.439	2.395	7.4	19.0
12 17	4 1.64	+37 21.3	1.479	2.407	10.0	19.2
12 27	3 53.61	+36 10.5	1.545	2.419	13.4	19.4
1 6	3 49.28	+34 58.6	1.632	2.431	16.5	19.7

376078 2010 UV_{61} 11 29.4 315°.63 4°.6/30.8 18

10 28	4 51.90	+31 22.5	1.259	2.109	18.1	20.5
11 7	4 46.28	+31 41.8	1.187	2.101	13.9	20.2
11 17	4 37.00	+31 45.0	1.136	2.093	9.2	19.9
11 27	4 25.30	+31 28.2	1.108	2.085	5.1	19.6
12 7	4 13.05	+30 51.8	1.105	2.078	5.9	19.7
12 17	4 2.25	+30 0.9	1.128	2.071	10.5	19.9
12 27	3 54.57	+29 4.5	1.174	2.065	15.3	20.2
1 6	3 50.87	+28 11.6	1.239	2.059	19.6	20.4

391232 2006 KN_{13} 11 29.4 160°.31 5°.5/27.0 18

10 28	4 47.74	+ 7 7.3	2.143	2.979	12.2	22.2
11 7	4 41.51	+ 6 9.6	2.081	2.985	9.4	22.0
11 17	4 33.53	+ 5 17.9	2.045	2.990	6.7	21.8
11 27	4 24.55	+ 4 36.4	2.037	2.995	5.5	21.8
12 7	4 15.47	+ 4 8.6	2.058	2.999	6.7	21.9
12 17	4 7.21	+ 3 56.6	2.107	3.003	9.3	22.0
12 27	4 0.53	+ 4 0.7	2.182	3.006	12.0	22.2
1 6	3 55.95	+ 4 19.5	2.278	3.009	14.4	22.4

96212 1993 FK_{27} 11 29.4 94°.13 0°.2/29.4 18

10 28	4 54.55	+22 58.7	1.364	2.218	16.8	19.3
11 7	4 47.20	+22 30.7	1.316	2.238	12.2	19.1
11 17	4 36.98	+21 54.8	1.290	2.257	6.9	18.8
11 27	4 25.22	+21 12.6	1.290	2.276	1.4	18.5
12 7	4 13.55	+20 28.4	1.318	2.295	4.2	18.8
12 17	4 3.50	+19 47.2	1.373	2.313	9.4	19.1
12 27	3 56.21	+19 14.3	1.453	2.331	13.8	19.4
1 6	3 52.23	+18 52.8	1.553	2.348	17.4	19.7

259493 2003 SE_{233} 11 29.4 81°.07 0°.1/29.4 18

10 28	4 55.52	+21 13.0	1.331	2.186	17.1	20.5
11 7	4 47.94	+21 17.4	1.288	2.210	12.4	20.3
11 17	4 37.42	+21 17.0	1.267	2.234	7.0	20.1
11 27	4 25.31	+21 11.8	1.272	2.257	1.4	19.8
12 7	4 13.29	+21 3.6	1.304	2.281	4.2	20.0
12 17	4 2.92	+20 55.5	1.363	2.304	9.4	20.4
12 27	3 55.39	+20 51.3	1.447	2.326	13.8	20.7
1 6	3 51.24	+20 53.7	1.551	2.348	17.4	21.0

290360 2005 SV_{263} 11 29.4 354°.21 0°.8/29.3 18

10 28	4 46.65	+19 39.9	1.108	1.987	18.0	20.1
11 7	4 42.35	+19 44.8	1.046	1.981	13.2	19.9
11 17	4 34.69	+19 47.5	1.005	1.976	7.6	19.5
11 27	4 24.84	+19 48.4	0.986	1.972	1.7	19.2
12 7	4 14.53	+19 49.5	0.992	1.970	4.9	19.4
12 17	4 5.59	+19 53.3	1.022	1.969	10.8	19.7
12 27	3 59.54	+20 3.0	1.073	1.969	16.0	20.0
1 6	3 57.19	+20 20.8	1.143	1.971	20.3	20.3

329875 2005 AK_{82} 11 29.4 45°.02 9°.0/26.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.60	− 6 37.5	2.244	3.043	13.0	20.3
11 7	4 39.93	− 7 14.2	2.189	3.046	11.1	20.2
11 17	4 32.62	− 7 34.2	2.157	3.049	9.5	20.1
11 27	4 24.37	− 7 33.4	2.150	3.052	9.0	20.1
12 7	4 16.03	− 7 9.7	2.170	3.055	9.6	20.1
12 17	4 8.42	− 6 23.8	2.216	3.059	11.2	20.2
12 27	4 2.28	− 5 18.1	2.285	3.062	13.1	20.4
1 6	3 58.09	− 3 56.9	2.375	3.066	14.9	20.5

296841 2009 WL_{79} 11 29.4 327°.54 1°.6/28.8 17

10 28	4 45.29	+17 22.5	2.201	3.049	11.5	21.0
11 7	4 39.89	+17 5.1	2.127	3.046	8.3	20.8
11 17	4 32.68	+16 46.7	2.079	3.044	4.9	20.6
11 27	4 24.40	+16 29.0	2.059	3.042	1.8	20.4
12 7	4 15.93	+16 13.9	2.068	3.040	3.6	20.5
12 17	4 8.17	+16 3.4	2.106	3.039	7.1	20.8
12 27	4 1.96	+15 59.5	2.172	3.037	10.4	21.0
1 6	3 57.82	+16 3.2	2.260	3.035	13.3	21.2

119202 2001 QN_{128} 11 29.4 157°.81 2°.9/28.3 18

10 28	4 50.04	+16 37.5	1.703	2.554	14.1	20.2
11 7	4 43.63	+15 46.5	1.638	2.558	10.3	20.0
11 17	4 34.91	+14 53.5	1.597	2.562	6.1	19.7
11 27	4 24.84	+14 2.3	1.584	2.566	3.0	19.5
12 7	4 14.65	+13 17.2	1.600	2.569	5.1	19.7
12 17	4 5.54	+12 42.2	1.644	2.571	9.2	19.9
12 27	3 58.50	+12 20.3	1.713	2.573	13.0	20.2
1 6	3 54.13	+12 12.5	1.803	2.575	16.2	20.4

489193 2006 HX_{74} 11 29.4 147°.90 2°.9/27.9 17

10 28	4 44.17	+13 42.1	2.511	3.354	10.4	22.0
11 7	4 38.81	+12 58.3	2.442	3.357	7.6	21.8
11 17	4 31.96	+12 15.3	2.399	3.360	4.8	21.6
11 27	4 24.26	+11 35.9	2.386	3.362	2.9	21.5
12 7	4 16.46	+11 2.7	2.403	3.365	4.3	21.6
12 17	4 9.32	+10 38.2	2.449	3.367	7.1	21.8
12 27	4 3.50	+10 23.7	2.522	3.369	9.8	22.0
1 6	3 59.45	+10 19.9	2.618	3.371	12.2	22.2

207182 2005 EB_{10} 11 29.4 287°.83 1°.8/28.8 18

10 28	4 47.85	+18 19.2	1.721	2.575	13.8	20.7
11 7	4 42.28	+17 54.6	1.641	2.563	10.1	20.5
11 17	4 34.29	+17 27.4	1.585	2.551	5.9	20.2
11 27	4 24.76	+16 59.6	1.555	2.540	2.0	19.9
12 7	4 14.87	+16 34.1	1.554	2.528	4.3	20.1
12 17	4 5.86	+16 14.2	1.581	2.516	8.8	20.3
12 27	3 58.84	+16 2.9	1.633	2.505	12.9	20.5
1 6	3 54.52	+16 2.0	1.707	2.494	16.4	20.7

228931 2003 SU_{310} 11 29.4 349°.04 9°.6/ 1.9 17

10 28	4 50.30	+42 17.0	1.610	2.414	17.0	19.2
11 7	4 45.14	+43 43.0	1.536	2.404	14.3	19.0
11 17	4 36.44	+44 50.2	1.484	2.395	11.7	18.9
11 27	4 25.25	+45 30.6	1.454	2.387	9.9	18.7
12 7	4 13.29	+45 40.1	1.449	2.380	9.9	18.7
12 17	4 2.51	+45 20.1	1.468	2.374	11.8	18.8
12 27	3 54.64	+44 37.5	1.510	2.370	14.5	19.0
1 6	3 50.67	+43 42.3	1.571	2.367	17.2	19.2

491342 2011 YT_{24} 11 29.4 345°.00 1°.0/29.2 17

10 28	4 44.35	+19 3.5	1.278	2.152	16.3	21.1
11 7	4 40.45	+19 8.6	1.205	2.137	12.0	20.8
11 17	4 33.56	+19 12.5	1.153	2.123	6.9	20.5
11 27	4 24.65	+19 15.9	1.125	2.111	1.6	20.1
12 7	4 15.21	+19 20.5	1.122	2.100	4.6	20.3
12 17	4 6.81	+19 28.3	1.145	2.090	10.1	20.5
12 27	4 0.90	+19 42.0	1.189	2.083	15.0	20.8
1 6	3 58.33	+20 3.2	1.254	2.077	19.2	21.1

226100 2002 PO_{20} 11 29.4 93°.05 1°.2/30.0 18

10 28	4 46.95	+26 19.7	2.339	3.173	11.4	21.0
11 7	4 41.00	+26 12.7	2.273	3.184	8.4	20.8
11 17	4 33.27	+25 58.7	2.232	3.194	5.0	20.6
11 27	4 24.53	+25 37.7	2.220	3.204	1.7	20.4
12 7	4 15.71	+25 11.2	2.238	3.214	2.9	20.5
12 17	4 7.71	+24 42.0	2.286	3.224	6.3	20.7
12 27	4 1.31	+24 13.4	2.361	3.234	9.4	20.9
1 6	3 57.02	+23 48.3	2.460	3.244	12.1	21.1

252101 2000 VV_5 11 29.4 8°.24 2°.4/28.3 18

10 28	4 45.42	+18 30.8	1.716	2.575	13.7	20.1
11 7	4 40.31	+17 31.1	1.651	2.576	9.9	19.9
11 17	4 33.04	+16 27.3	1.610	2.577	5.8	19.7
11 27	4 24.50	+15 23.5	1.596	2.579	2.5	19.4
12 7	4 15.85	+14 24.6	1.610	2.581	4.7	19.6
12 17	4 8.18	+13 35.3	1.652	2.584	8.8	19.8
12 27	4 2.46	+12 59.3	1.719	2.587	12.6	20.1
1 6	3 59.23	+12 38.0	1.808	2.591	15.8	20.3

40956 1999 TZ_{241} 11 29.4 111°.87 3°.1/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.78	+12 34.4	1.853	2.698	13.5	19.1
11 7	4 43.99	+12 33.5	1.794	2.709	9.9	18.9
11 17	4 35.07	+12 36.7	1.760	2.721	6.1	18.7
11 27	4 24.91	+12 45.5	1.753	2.732	3.2	18.5
12 7	4 14.62	+13 0.8	1.775	2.743	4.8	18.6
12 17	4 5.33	+13 23.4	1.827	2.753	8.5	18.9
12 27	3 57.96	+13 53.5	1.904	2.764	12.0	19.1
1 6	3 53.08	+14 30.8	2.004	2.773	14.9	19.4

298375 2003 SO_{31} 11 29.4 83°.73 1°.7/30.0 18

10 28	4 50.87	+26 13.7	1.710	2.553	14.5	21.2
11 7	4 44.38	+26 18.3	1.649	2.563	10.7	21.0
11 17	4 35.41	+26 14.3	1.611	2.573	6.4	20.8
11 27	4 24.98	+26 0.9	1.600	2.584	2.2	20.5
12 7	4 14.41	+25 39.7	1.618	2.594	3.7	20.7
12 17	4 5.02	+25 13.9	1.664	2.605	8.0	20.9
12 27	3 57.87	+24 48.2	1.736	2.615	11.9	21.2
1 6	3 53.59	+24 26.7	1.830	2.625	15.2	21.4

158293 2001 UE_{100} 11 29.4 296°.55 2°.1/29.9 18

10 28	4 51.82	+25 17.0	1.526	2.375	15.6	20.3
11 7	4 45.63	+25 47.8	1.451	2.369	11.6	20.0
11 17	4 36.43	+26 11.9	1.399	2.362	7.0	19.7
11 27	4 25.23	+26 27.1	1.372	2.356	2.6	19.4
12 7	4 13.52	+26 32.7	1.373	2.349	4.3	19.5
12 17	4 2.89	+26 30.6	1.402	2.343	9.1	19.8
12 27	3 54.74	+26 25.0	1.455	2.337	13.5	20.0
1 6	3 49.90	+26 20.7	1.529	2.331	17.3	20.3

71658 2000 EQ_{122} 11 29.5 4°.78 7°.6/26.2 18

10 28	4 43.47	+ 2 58.3	1.837	2.681	13.6	18.5
11 7	4 38.73	+ 1 49.3	1.780	2.681	10.8	18.4
11 17	4 32.08	+ 0 50.8	1.746	2.681	8.5	18.2
11 27	4 24.32	+ 0 8.5	1.739	2.683	7.6	18.2
12 7	4 16.43	− 0 13.3	1.757	2.684	8.8	18.3
12 17	4 9.37	− 0 13.0	1.802	2.687	11.2	18.4
12 27	4 3.99	+ 0 8.6	1.869	2.689	13.9	18.6
1 6	4 0.82	+ 0 48.6	1.956	2.693	16.3	18.8

304207 2006 QB_{117} 11 29.5 54°.23 3°.2/28.3 18

10 28	4 47.42	+15 25.4	1.650	2.507	14.2	20.5
11 7	4 41.71	+14 40.3	1.596	2.519	10.3	20.3
11 17	4 33.80	+13 55.6	1.566	2.531	6.2	20.1
11 27	4 24.65	+13 14.8	1.563	2.543	3.3	19.9
12 7	4 15.47	+12 41.8	1.588	2.556	5.2	20.1
12 17	4 7.39	+12 19.9	1.640	2.569	9.1	20.3
12 27	4 1.35	+12 10.9	1.717	2.582	12.8	20.6
1 6	3 57.88	+12 14.9	1.816	2.595	15.9	20.8

111947 2002 GF_{56} 11 29.5 152°.79 4°.3/30.9 18

10 28	4 55.11	+32 33.4	1.542	2.373	16.4	19.9
11 7	4 47.95	+32 47.3	1.475	2.377	12.6	19.7
11 17	4 37.66	+32 45.4	1.430	2.381	8.4	19.4
11 27	4 25.46	+32 24.7	1.411	2.385	4.8	19.2
12 7	4 13.01	+31 46.1	1.419	2.389	5.4	19.3
12 17	4 1.98	+30 54.5	1.454	2.392	9.2	19.5
12 27	3 53.73	+29 57.9	1.515	2.394	13.3	19.8
1 6	3 48.97	+29 3.8	1.597	2.397	16.8	20.0

212109 2005 EY_{170} 11 29.5 211°.37 7°.2/ 2.9 18

10 28	4 55.32	+43 57.8	2.216	2.984	14.1	20.8
11 7	4 47.75	+44 22.9	2.132	2.979	11.7	20.6
11 17	4 37.44	+44 28.7	2.070	2.973	9.3	20.5
11 27	4 25.41	+44 10.7	2.035	2.967	7.5	20.3
12 7	4 13.09	+43 28.1	2.027	2.960	7.3	20.3
12 17	4 1.93	+42 24.2	2.046	2.953	8.9	20.4
12 27	3 53.15	+41 6.1	2.093	2.946	11.3	20.5
1 6	3 47.44	+39 42.1	2.163	2.937	13.8	20.7

519297 2011 CY_{120} 11 29.5 206°.79 1°.0/28.9 17

10 28	4 45.31	+19 6.6	2.545	3.386	10.3	22.1
11 7	4 39.72	+18 48.0	2.467	3.383	7.5	21.9
11 17	4 32.54	+18 27.2	2.415	3.380	4.3	21.7
11 27	4 24.42	+18 5.5	2.392	3.377	1.2	21.5
12 7	4 16.13	+17 44.6	2.400	3.374	3.0	21.6
12 17	4 8.48	+17 26.6	2.438	3.371	6.3	21.9
12 27	4 2.18	+17 13.5	2.504	3.367	9.3	22.0
1 6	3 57.72	+17 6.8	2.594	3.363	11.9	22.2

11961 1994 PO 11 29.5 237°.65 6°.3/ 2.1 18

10 28	4 53.52	+39 34.2	1.960	2.757	14.7	17.6
11 7	4 46.61	+39 56.5	1.876	2.749	11.9	17.4
11 17	4 36.87	+40 0.8	1.815	2.741	8.9	17.2
11 27	4 25.32	+39 42.9	1.780	2.733	6.7	17.0
12 7	4 13.41	+39 2.4	1.773	2.724	6.7	17.0
12 17	4 2.63	+38 2.9	1.793	2.716	8.9	17.1
12 27	3 54.25	+36 51.5	1.840	2.707	11.9	17.3
1 6	3 49.02	+35 36.7	1.910	2.698	14.9	17.5

407155 2009 UY_4 11 29.5 48°.59 2°.4/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.47	+15 32.6	1.893	2.745	12.9	20.6
11 7	4 40.84	+15 13.4	1.837	2.758	9.3	20.4
11 17	4 33.25	+14 55.1	1.806	2.771	5.5	20.2
11 27	4 24.56	+14 39.8	1.803	2.784	2.5	20.1
12 7	4 15.81	+14 29.6	1.828	2.798	4.3	20.2
12 17	4 7.99	+14 26.4	1.881	2.812	8.0	20.5
12 27	4 1.96	+14 31.5	1.960	2.826	11.4	20.7
1 6	3 58.24	+14 45.3	2.062	2.841	14.3	20.9

460719 2014 VP_4 11 29.5 30°.49 1°.4/28.7 18

10 28	4 45.12	+20 19.8	2.019	2.869	12.2	20.4
11 7	4 39.82	+19 28.1	1.954	2.875	8.8	20.2
11 17	4 32.66	+18 31.7	1.914	2.881	5.1	20.0
11 27	4 24.45	+17 33.6	1.902	2.887	1.6	19.8
12 7	4 16.17	+16 37.6	1.920	2.894	3.7	20.0
12 17	4 8.78	+15 47.9	1.967	2.900	7.5	20.2
12 27	4 3.09	+15 7.9	2.040	2.908	10.9	20.4
1 6	3 59.59	+14 39.5	2.136	2.915	13.8	20.7

228991 2003 WH_{55} 11 29.5 306°.66 1°.4/30.2 18

10 28	4 46.16	+27 43.8	2.261	3.095	11.7	19.9
11 7	4 40.59	+27 20.1	2.181	3.091	8.7	19.7
11 17	4 33.13	+26 47.0	2.126	3.087	5.2	19.5
11 27	4 24.55	+26 5.1	2.099	3.083	1.8	19.3
12 7	4 15.82	+25 16.8	2.102	3.079	3.0	19.4
12 17	4 7.88	+24 25.5	2.135	3.075	6.5	19.6
12 27	4 1.58	+23 35.7	2.196	3.071	9.9	19.8
1 6	3 57.48	+22 51.3	2.280	3.067	12.8	20.0

143737 2003 UJ_{236} 11 29.5 123°.89 13°.3/ 1.9 18

10 28	5 10.02	+45 14.1	1.285	2.071	21.5	19.0
11 7	5 0.94	+47 37.7	1.232	2.081	18.4	18.8
11 17	4 46.21	+49 35.4	1.199	2.091	15.4	18.6
11 27	4 27.34	+50 51.3	1.187	2.101	13.5	18.6
12 7	4 7.29	+51 16.6	1.200	2.111	13.6	18.6
12 17	3 49.51	+50 54.3	1.235	2.119	15.4	18.7
12 27	3 36.68	+49 58.2	1.292	2.128	18.0	18.9
1 6	3 29.86	+48 45.8	1.366	2.135	20.7	19.1

287753 2003 SS_{39} 11 29.5 56°.38 5°.2/27.0 18

10 28	4 45.27	+ 9 25.3	1.976	2.824	12.6	20.0
11 7	4 39.77	+ 8 14.3	1.930	2.842	9.5	19.8
11 17	4 32.55	+ 7 8.5	1.909	2.861	6.6	19.7
11 27	4 24.42	+ 6 12.7	1.916	2.880	5.2	19.6
12 7	4 16.33	+ 5 30.7	1.951	2.899	6.5	19.8
12 17	4 9.16	+ 5 5.2	2.014	2.918	9.2	20.0
12 27	4 3.64	+ 4 56.6	2.102	2.937	12.0	20.2
1 6	4 0.22	+ 5 3.7	2.212	2.957	14.4	20.4

47600 2000 AF_{227} 11 29.5 248°.41 1°.7/30.3 18

10 28	4 46.87	+27 46.6	2.478	3.306	11.0	19.0
11 7	4 41.06	+27 45.1	2.391	3.297	8.2	18.8
11 17	4 33.42	+27 35.8	2.330	3.288	5.0	18.5
11 27	4 24.64	+27 18.4	2.297	3.279	2.1	18.3
12 7	4 15.63	+26 53.9	2.295	3.270	3.0	18.4
12 17	4 7.28	+26 24.7	2.322	3.260	6.2	18.6
12 27	4 0.44	+25 54.1	2.378	3.250	9.4	18.8
1 6	3 55.68	+25 25.6	2.457	3.240	12.1	18.9

493549 2015 HE_{148} 11 29.5 146°.55 0°.5/29.6 18

10 28	4 52.69	+23 32.4	1.844	2.683	13.7	22.0
11 7	4 45.54	+23 27.7	1.778	2.692	10.0	21.7
11 17	4 36.05	+23 16.7	1.737	2.701	5.8	21.5
11 27	4 25.17	+22 59.3	1.724	2.709	1.3	21.2
12 7	4 14.15	+22 37.4	1.740	2.717	3.4	21.4
12 17	4 4.22	+22 14.0	1.785	2.723	7.7	21.7
12 27	3 56.40	+21 52.9	1.858	2.730	11.6	21.9
1 6	3 51.30	+21 37.6	1.953	2.735	14.8	22.2

269889 2000 GU_{43} 11 29.5 154°.50 1°.2/29.9 18

10 28	4 52.76	+25 5.9	1.898	2.734	13.5	21.5
11 7	4 45.61	+25 9.0	1.830	2.741	10.0	21.2
11 17	4 36.11	+25 4.7	1.786	2.748	5.9	21.0
11 27	4 25.19	+24 52.5	1.770	2.754	1.7	20.8
12 7	4 14.10	+24 33.8	1.784	2.760	3.4	20.9
12 17	4 4.05	+24 11.3	1.827	2.765	7.6	21.2
12 27	3 56.09	+23 49.1	1.897	2.769	11.4	21.4
1 6	3 50.84	+23 31.1	1.990	2.773	14.5	21.6

366061 2012 CG_{29} 11 29.5 330°.38 0°.2/29.6 18

10 28	4 46.64	+24 28.9	1.784	2.634	13.6	20.1
11 7	4 41.34	+23 53.4	1.708	2.628	10.0	19.9
11 17	4 33.74	+23 8.9	1.655	2.621	5.8	19.6
11 27	4 24.74	+22 17.0	1.629	2.615	1.2	19.3
12 7	4 15.51	+21 21.3	1.632	2.610	3.5	19.5
12 17	4 7.25	+20 26.6	1.664	2.604	8.0	19.7
12 27	4 0.97	+19 38.1	1.721	2.599	12.0	20.0
1 6	3 57.29	+18 59.4	1.800	2.595	15.4	20.2

33535 Alshaikh 11 29.5 328°.01 1°.0/29.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.52	+24 30.7	1.358	2.219	16.4	18.3
11 7	4 43.45	+24 27.4	1.284	2.209	12.1	18.0
11 17	4 35.29	+24 15.4	1.231	2.199	7.2	17.7
11 27	4 25.10	+23 54.4	1.204	2.189	1.9	17.3
12 7	4 14.43	+23 26.5	1.202	2.180	4.2	17.5
12 17	4 4.94	+22 55.9	1.227	2.172	9.6	17.8
12 27	3 58.03	+22 28.4	1.275	2.164	14.5	18.0
1 6	3 54.54	+22 8.5	1.343	2.157	18.6	18.3

220911 2005 EY_{139} 11 29.5 120°.86 1°.5/29.1 18

10 28	4 55.14	+17 15.4	1.851	2.689	13.7	20.6
11 7	4 47.09	+17 14.9	1.798	2.712	10.0	20.4
11 17	4 36.83	+17 13.8	1.770	2.734	5.7	20.2
11 27	4 25.35	+17 12.8	1.770	2.754	1.8	20.0
12 7	4 13.86	+17 13.3	1.801	2.774	3.9	20.2
12 17	4 3.55	+17 16.7	1.862	2.793	8.0	20.4
12 27	3 55.36	+17 25.1	1.949	2.811	11.6	20.7
1 6	3 49.82	+17 39.5	2.060	2.828	14.6	20.9

491326 2011 WL_{107} 11 29.5 60°.72 1°.9/29.1 18

10 28	4 51.88	+15 7.0	1.660	2.509	14.5	20.7
11 7	4 45.00	+15 31.8	1.609	2.528	10.5	20.5
11 17	4 35.75	+15 59.5	1.582	2.547	6.1	20.3
11 27	4 25.14	+16 29.8	1.582	2.566	2.1	20.1
12 7	4 14.46	+17 2.5	1.611	2.585	4.2	20.3
12 17	4 4.93	+17 37.6	1.669	2.604	8.4	20.6
12 27	3 57.57	+18 15.6	1.753	2.623	12.2	20.8
1 6	3 52.98	+18 56.8	1.859	2.643	15.4	21.1

119088 2001 NP_{21} 11 29.5 150°.40 3°.6/30.8 18

10 28	4 53.74	+31 24.8	1.745	2.573	14.9	20.3
11 7	4 46.64	+31 34.6	1.676	2.578	11.3	20.1
11 17	4 36.83	+31 31.1	1.631	2.583	7.4	19.9
11 27	4 25.38	+31 12.0	1.612	2.588	4.0	19.7
12 7	4 13.72	+30 38.4	1.622	2.593	4.6	19.7
12 17	4 3.29	+29 54.4	1.660	2.597	8.3	19.9
12 27	3 55.28	+29 6.4	1.724	2.600	12.1	20.2
1 6	3 50.34	+28 20.7	1.811	2.604	15.4	20.4

107340 2001 CB_{23} 11 29.5 144°.71 2°.5/30.5 18

10 28	4 51.47	+29 40.7	1.990	2.818	13.3	20.0
11 7	4 44.66	+29 40.2	1.921	2.825	10.0	19.8
11 17	4 35.56	+29 28.6	1.876	2.832	6.3	19.6
11 27	4 25.11	+29 5.1	1.858	2.838	3.0	19.4
12 7	4 14.53	+28 31.1	1.870	2.844	3.8	19.5
12 17	4 4.98	+27 50.3	1.911	2.849	7.3	19.7
12 27	3 57.49	+27 7.7	1.980	2.854	10.9	19.9
1 6	3 52.63	+26 28.1	2.071	2.859	13.9	20.2

9191 Hokuto 11 29.5 257°.81 4°.3/ 1.5 18

10 28	4 51.46	+35 3.0	1.907	2.724	14.3	16.9
11 7	4 45.01	+34 57.7	1.821	2.714	11.1	16.7
11 17	4 35.93	+34 35.9	1.758	2.703	7.7	16.4
11 27	4 25.21	+33 55.6	1.722	2.692	4.8	16.2
12 7	4 14.18	+32 57.8	1.714	2.681	5.0	16.2
12 17	4 4.21	+31 47.3	1.734	2.670	8.1	16.4
12 27	3 56.48	+30 31.3	1.782	2.658	11.8	16.6
1 6	3 51.68	+29 17.3	1.852	2.647	15.0	16.8

130088 Grantcunningham 11 29.5 39°.56 3°.4/27.9 18

10 28	4 47.85	+18 27.2	1.366	2.232	16.0	19.0
11 7	4 42.30	+16 55.8	1.319	2.247	11.6	18.8
11 17	4 34.23	+15 19.9	1.295	2.262	6.8	18.5
11 27	4 24.83	+13 46.5	1.297	2.278	3.4	18.4
12 7	4 15.51	+12 23.3	1.326	2.295	5.9	18.6
12 17	4 7.59	+11 16.7	1.382	2.312	10.3	18.9
12 27	4 2.07	+10 30.6	1.461	2.329	14.4	19.2
1 6	3 59.43	+10 5.2	1.560	2.347	17.7	19.4

287797 2003 SL_{155} 11 29.5 93°.16 2°.9/28.5 18

10 28	4 52.29	+17 25.6	1.386	2.245	16.3	20.2
11 7	4 45.55	+16 36.0	1.336	2.260	11.8	20.0
11 17	4 36.12	+15 44.3	1.309	2.275	6.9	19.8
11 27	4 25.21	+14 54.6	1.308	2.291	3.0	19.6
12 7	4 14.34	+14 11.7	1.334	2.305	5.4	19.8
12 17	4 4.90	+13 40.0	1.387	2.320	10.1	20.1
12 27	3 58.01	+13 22.6	1.465	2.334	14.3	20.4
1 6	3 54.22	+13 20.0	1.562	2.348	17.7	20.6

105479 2000 QO_{214} 11 29.5 12°.20 0°.1/29.5 18

10 28	4 49.24	+21 54.3	1.022	1.901	19.2	18.9
11 7	4 44.42	+22 0.3	0.969	1.902	14.1	18.6
11 17	4 35.97	+22 0.4	0.935	1.905	8.1	18.3
11 27	4 25.24	+21 54.7	0.923	1.909	1.7	17.9
12 7	4 14.19	+21 45.0	0.936	1.914	4.9	18.2
12 17	4 4.78	+21 35.4	0.972	1.921	11.0	18.5
12 27	3 58.58	+21 30.5	1.029	1.928	16.3	18.9
1 6	3 56.34	+21 33.8	1.105	1.936	20.7	19.2

110657 2001 TC_{174} 11 29.5 51°.48 2°.3/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.03	+28 49.4	1.862	2.699	13.7	19.3
11 7	4 43.03	+28 48.7	1.794	2.704	10.2	19.1
11 17	4 34.68	+28 37.3	1.749	2.708	6.4	18.9
11 27	4 24.95	+28 14.6	1.732	2.713	2.8	18.7
12 7	4 15.04	+27 42.3	1.743	2.718	3.7	18.7
12 17	4 6.18	+27 3.9	1.782	2.722	7.6	19.0
12 27	3 59.38	+26 24.4	1.848	2.727	11.2	19.2
1 6	3 55.26	+25 48.6	1.936	2.733	14.4	19.4

485119 2010 KO_{57} 11 29.5 56°.61 3°.0/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.00	+31 15.3	1.678	2.513	15.1	20.9
11 7	4 44.41	+31 3.3	1.629	2.536	11.3	20.7
11 17	4 35.38	+30 37.1	1.603	2.559	7.2	20.5
11 27	4 25.06	+29 56.5	1.604	2.582	3.5	20.3
12 7	4 14.84	+29 4.7	1.632	2.606	4.2	20.4
12 17	4 6.01	+28 6.7	1.689	2.630	7.9	20.7
12 27	3 59.55	+27 9.0	1.772	2.653	11.5	21.0
1 6	3 55.96	+26 17.3	1.877	2.677	14.7	21.2

129077 2004 VC_{62} 11 29.5 332°.15 3°.7/28.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.53	+10 55.1	1.987	2.834	12.6	19.7
11 7	4 40.99	+10 46.5	1.914	2.829	9.4	19.5
11 17	4 33.46	+10 42.9	1.866	2.825	6.0	19.3
11 27	4 24.71	+10 46.4	1.845	2.821	3.8	19.1
12 7	4 15.72	+10 58.8	1.854	2.817	5.2	19.2
12 17	4 7.47	+11 20.7	1.890	2.813	8.5	19.4
12 27	4 0.88	+11 52.2	1.953	2.810	11.8	19.6
1 6	3 56.54	+12 32.7	2.037	2.807	14.7	19.8

267998 2004 HV_{42} 11 29.5 182°.25 2°.8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.78	+28 45.6	1.807	2.638	14.3	20.9
11 7	4 46.67	+29 6.1	1.733	2.639	10.8	20.7
11 17	4 36.88	+29 16.5	1.683	2.639	6.8	20.4
11 27	4 25.42	+29 14.7	1.660	2.639	3.2	20.2
12 7	4 13.62	+29 0.8	1.665	2.639	4.2	20.3
12 17	4 2.90	+28 37.6	1.700	2.637	8.1	20.5
12 27	3 54.45	+28 10.2	1.761	2.636	12.0	20.8
1 6	3 48.99	+27 43.8	1.845	2.634	15.3	21.0

187159 2005 RG_{10} 11 29.5 130°.82 3°.6/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.01	+13 58.4	1.681	2.531	14.3	20.8
11 7	4 44.33	+13 18.9	1.623	2.541	10.5	20.5
11 17	4 35.36	+12 41.0	1.588	2.551	6.5	20.3
11 27	4 25.08	+12 8.1	1.582	2.560	3.7	20.2
12 7	4 14.72	+11 43.7	1.603	2.569	5.5	20.3
12 17	4 5.46	+11 30.4	1.653	2.577	9.4	20.6
12 27	3 58.32	+11 30.0	1.728	2.585	13.1	20.8
1 6	3 53.85	+11 42.2	1.824	2.593	16.2	21.0

515592 2014 JN_{31} 11 29.5 126°.09 4°.0/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.88	+10 25.3	2.200	3.039	11.8	22.2
11 7	4 41.62	+ 9 51.2	2.142	3.052	8.8	22.1
11 17	4 33.65	+ 9 21.3	2.110	3.065	5.8	21.9
11 27	4 24.74	+ 8 58.4	2.106	3.077	4.0	21.8
12 7	4 15.77	+ 8 44.8	2.133	3.089	5.3	21.9
12 17	4 7.62	+ 8 42.2	2.187	3.100	8.1	22.1
12 27	4 1.05	+ 8 51.1	2.269	3.111	11.0	22.3
1 6	3 56.53	+ 9 10.8	2.373	3.122	13.5	22.5

195696 2002 PM_{18} 11 29.5 152°.45 1°.4/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.50	+18 16.0	2.546	3.386	10.3	20.7
11 7	4 39.84	+17 50.4	2.475	3.391	7.5	20.6
11 17	4 32.63	+17 22.9	2.430	3.395	4.3	20.4
11 27	4 24.54	+16 55.3	2.415	3.399	1.5	20.2
12 7	4 16.34	+16 29.5	2.430	3.402	3.2	20.3
12 17	4 8.80	+16 7.8	2.475	3.406	6.3	20.5
12 27	4 2.63	+15 52.2	2.548	3.409	9.3	20.7
1 6	3 58.29	+15 43.9	2.646	3.412	11.8	20.9

151004 2001 UA_{59} 11 29.5 78°.86 1°.2/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.69	+25 11.4	1.501	2.348	15.9	20.8
11 7	4 46.53	+25 11.3	1.453	2.370	11.6	20.6
11 17	4 36.67	+25 2.3	1.428	2.392	6.8	20.4
11 27	4 25.34	+24 44.2	1.429	2.414	1.9	20.1
12 7	4 14.06	+24 19.4	1.458	2.435	3.9	20.3
12 17	4 4.25	+23 51.6	1.515	2.457	8.5	20.6
12 27	3 57.01	+23 26.1	1.598	2.478	12.7	20.9
1 6	3 52.91	+23 6.6	1.702	2.499	16.1	21.2

228945 2003 TC_{57} 11 29.5 73°.61 2°.1/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.34	+30 26.3	2.181	3.007	12.4	19.7
11 7	4 42.10	+30 0.4	2.120	3.023	9.2	19.5
11 17	4 33.96	+29 23.2	2.083	3.039	5.7	19.4
11 27	4 24.80	+28 35.2	2.075	3.055	2.6	19.2
12 7	4 15.66	+27 39.0	2.096	3.071	3.3	19.3
12 17	4 7.54	+26 38.8	2.148	3.087	6.6	19.5
12 27	4 1.23	+25 39.8	2.227	3.102	9.8	19.7
1 6	3 57.22	+24 46.1	2.330	3.118	12.5	20.0

239497 2007 VR_{73} 11 29.5 107°.27 0°.4/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.61	+23 27.3	2.139	2.973	12.3	21.4
11 7	4 44.38	+23 23.3	2.085	2.996	8.9	21.2
11 17	4 35.24	+23 13.8	2.056	3.019	5.1	21.0
11 27	4 25.06	+22 58.9	2.056	3.042	1.2	20.8
12 7	4 14.89	+22 40.4	2.087	3.063	3.0	20.9
12 17	4 5.74	+22 20.7	2.148	3.085	6.7	21.2
12 27	3 58.43	+22 2.9	2.237	3.105	10.0	21.5
1 6	3 53.46	+21 49.7	2.349	3.125	12.8	21.7

1166 Sakuntala 11 29.5 105°.67 6°.9/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.06	+ 1 35.8	1.890	2.713	14.1	14.7
11 7	4 44.74	+ 1 20.2	1.842	2.733	11.1	14.5
11 17	4 35.46	+ 1 18.0	1.819	2.752	8.4	14.4
11 27	4 25.10	+ 1 32.1	1.822	2.771	6.9	14.3
12 7	4 14.76	+ 2 3.8	1.854	2.789	7.8	14.4
12 17	4 5.46	+ 2 52.0	1.914	2.807	10.3	14.6
12 27	3 58.05	+ 3 54.3	2.000	2.824	13.0	14.8
1 6	3 53.04	+ 5 7.0	2.108	2.841	15.4	15.0

236754 2007 MP_{1} 11 29.5 108°.54 3°.0/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.31	+33 50.4	2.578	3.387	11.2	20.1
11 7	4 41.92	+33 34.0	2.509	3.399	8.6	19.9
11 17	4 33.82	+33 5.6	2.466	3.411	5.7	19.8
11 27	4 24.79	+32 24.9	2.451	3.423	3.3	19.6
12 7	4 15.74	+31 33.9	2.466	3.435	3.6	19.7
12 17	4 7.57	+30 35.9	2.512	3.446	6.0	19.9
12 27	4 1.03	+29 35.5	2.586	3.457	8.8	20.1
1 6	3 56.58	+28 37.3	2.686	3.468	11.2	20.2

40354 1999 NQ_{15} 11 29.5 164°.14 1°.4/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.99	+18 49.1	1.665	2.513	14.6	19.7
11 7	4 45.97	+18 34.7	1.599	2.517	10.6	19.5
11 17	4 36.42	+18 17.6	1.556	2.522	6.1	19.2
11 27	4 25.34	+17 59.3	1.540	2.525	1.7	19.0
12 7	4 14.05	+17 42.1	1.554	2.528	4.2	19.1
12 17	4 3.88	+17 28.8	1.595	2.530	8.8	19.4
12 27	3 55.94	+17 22.4	1.663	2.532	12.9	19.7
1 6	3 50.89	+17 24.8	1.752	2.533	16.3	19.9

393783 2005 JL_{61} 11 29.5 101°.05 2°.6/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.61	+16 37.8	2.048	2.893	12.3	21.5
11 7	4 42.19	+15 42.3	1.995	2.912	8.9	21.3
11 17	4 33.97	+14 45.6	1.968	2.931	5.3	21.1
11 27	4 24.81	+13 51.1	1.969	2.949	2.6	21.0
12 7	4 15.69	+13 2.7	2.000	2.967	4.4	21.2
12 17	4 7.55	+12 23.5	2.061	2.985	7.8	21.4
12 27	4 1.15	+11 56.1	2.148	3.002	11.0	21.6
1 6	3 56.96	+11 41.1	2.258	3.019	13.7	21.9

474860 2005 SZ_{114} 11 29.5 66°.16 0°.5/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.24	+21 53.5	1.346	2.203	16.8	21.1
11 7	4 46.24	+21 31.9	1.306	2.229	12.1	20.8
11 17	4 36.49	+21 4.3	1.287	2.255	6.9	20.6
11 27	4 25.32	+20 32.4	1.295	2.281	1.4	20.3
12 7	4 14.30	+19 59.7	1.330	2.307	4.2	20.6
12 17	4 4.91	+19 30.6	1.392	2.332	9.2	21.0
12 27	3 58.21	+19 9.3	1.478	2.358	13.5	21.3
1 6	3 54.70	+18 58.1	1.585	2.383	17.0	21.6

121521 1999 UT_{27} 11 29.5 29°.71 4°.9/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.26	+34 5.7	1.841	2.664	14.4	19.5
11 7	4 44.17	+34 42.9	1.775	2.670	11.2	19.3
11 17	4 35.47	+35 6.5	1.733	2.676	7.9	19.1
11 27	4 25.17	+35 13.4	1.716	2.683	5.3	18.9
12 7	4 14.59	+35 3.0	1.727	2.690	5.5	19.0
12 17	4 5.12	+34 38.2	1.766	2.698	8.3	19.2
12 27	3 57.90	+34 4.4	1.830	2.705	11.6	19.4
1 6	3 53.61	+33 27.8	1.917	2.713	14.5	19.6

126680 2002 CD_{219} 11 29.5 148°.00 0°.2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.79	+21 22.5	1.854	2.699	13.5	20.2
11 7	4 44.22	+21 19.3	1.787	2.704	9.8	20.0
11 17	4 35.36	+21 11.9	1.743	2.709	5.6	19.7
11 27	4 25.13	+21 0.8	1.727	2.713	1.1	19.4
12 7	4 14.71	+20 47.5	1.741	2.717	3.4	19.6
12 17	4 5.28	+20 34.5	1.783	2.721	7.8	19.9
12 27	3 57.85	+20 24.8	1.852	2.725	11.6	20.1
1 6	3 53.03	+20 21.0	1.944	2.728	14.8	20.3

49987 Bonata 11 29.5 130°.19 4°.8/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.48	+ 7 27.5	2.022	2.859	12.8	18.9
11 7	4 42.94	+ 7 12.1	1.962	2.868	9.7	18.7
11 17	4 34.50	+ 7 4.3	1.926	2.877	6.7	18.5
11 27	4 24.95	+ 7 6.6	1.919	2.885	4.9	18.4
12 7	4 15.29	+ 7 20.6	1.940	2.893	6.0	18.5
12 17	4 6.49	+ 7 46.8	1.990	2.901	8.9	18.7
12 27	3 59.40	+ 8 24.4	2.067	2.908	11.9	18.9
1 6	3 54.56	+ 9 11.8	2.165	2.915	14.5	19.1

410130 2007 GK_{18} 11 29.5 117°.87 6°.1/26.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 44.91	+ 0 24.8	2.702	3.517	10.6	21.1
11 7	4 39.20	− 0 22.7	2.653	3.533	8.5	20.9
11 17	4 32.19	− 1 0.5	2.629	3.549	6.8	20.9
11 27	4 24.47	− 1 25.4	2.634	3.565	6.1	20.8
12 7	4 16.74	− 1 35.1	2.668	3.580	6.9	20.9
12 17	4 9.66	− 1 29.1	2.729	3.594	8.6	21.0
12 27	4 3.80	− 1 8.1	2.816	3.608	10.5	21.2
1 6	3 59.57	− 0 34.0	2.925	3.622	12.2	21.4

79649 1998 SS_{15} 11 29.5 72°.75 0°.6/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.94	+23 52.2	1.412	2.267	16.3	19.7
11 7	4 45.53	+23 43.3	1.356	2.278	11.9	19.5
11 17	4 36.26	+23 26.3	1.322	2.288	6.9	19.2
11 27	4 25.32	+23 1.8	1.314	2.299	1.6	18.9
12 7	4 14.27	+22 32.3	1.333	2.310	4.0	19.1
12 17	4 4.62	+22 2.2	1.378	2.321	9.1	19.4
12 27	3 57.58	+21 36.5	1.449	2.332	13.5	19.7
1 6	3 53.77	+21 18.9	1.540	2.343	17.2	20.0

197849 2004 QG_{3} 11 29.5 97°.13 0°.8/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.32	+23 23.2	1.665	2.509	14.7	20.4
11 7	4 46.17	+23 36.1	1.610	2.526	10.8	20.2
11 17	4 36.50	+23 43.2	1.578	2.542	6.2	20.0
11 27	4 25.36	+23 43.6	1.573	2.559	1.6	19.7
12 7	4 14.14	+23 38.2	1.598	2.575	3.6	19.9
12 17	4 4.16	+23 29.7	1.650	2.590	8.1	20.2
12 27	3 56.50	+23 21.7	1.729	2.605	12.1	20.5
1 6	3 51.78	+23 17.5	1.830	2.620	15.4	20.8

201517 2003 OF_{29} 11 29.5 37°.42 0°.2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.64	+21 20.2	1.478	2.336	15.5	20.0
11 7	4 43.80	+21 19.8	1.419	2.343	11.3	19.8
11 17	4 35.27	+21 15.1	1.383	2.350	6.5	19.6
11 27	4 25.14	+21 6.4	1.372	2.358	1.3	19.2
12 7	4 14.82	+20 55.5	1.389	2.366	3.9	19.4
12 17	4 5.72	+20 45.3	1.433	2.375	8.8	19.8
12 27	3 59.02	+20 39.3	1.501	2.384	13.2	20.0
1 6	3 55.35	+20 40.0	1.591	2.393	16.8	20.3

422530 2014 TO_{19} 11 29.5 116°.09 3°.8/30.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.95	+32 58.5	2.355	3.168	12.0	20.6
11 7	4 43.48	+33 31.6	2.282	3.173	9.2	20.4
11 17	4 34.92	+33 54.4	2.234	3.178	6.3	20.2
11 27	4 25.07	+34 4.5	2.214	3.183	4.1	20.1
12 7	4 14.97	+34 1.5	2.224	3.188	4.4	20.1
12 17	4 5.69	+33 47.2	2.263	3.192	6.9	20.3
12 27	3 58.17	+33 25.3	2.329	3.197	9.7	20.5
1 6	3 53.02	+33 0.4	2.419	3.201	12.3	20.7

329625 2003 QA_{113} 11 29.5 21°.20 6°.3/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.40	+31 53.7	1.559	2.390	16.2	19.3
11 7	4 48.48	+33 50.2	1.504	2.402	12.6	19.1
11 17	4 38.25	+35 36.1	1.471	2.415	9.0	19.0
11 27	4 25.79	+37 3.4	1.466	2.429	6.5	18.9
12 7	4 12.76	+38 6.8	1.488	2.444	7.1	18.9
12 17	4 0.95	+38 46.0	1.537	2.460	10.1	19.1
12 27	3 51.90	+39 5.9	1.611	2.477	13.4	19.4
1 6	3 46.49	+39 13.5	1.706	2.495	16.4	19.6

168329 1993 TN_{6} 11 29.5 45°.49 0°.5/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.49	+24 8.4	1.479	2.335	15.6	20.3
11 7	4 43.53	+23 53.4	1.431	2.354	11.3	20.1
11 17	4 35.00	+23 30.4	1.406	2.373	6.5	19.9
11 27	4 25.06	+23 0.5	1.407	2.392	1.5	19.6
12 7	4 15.15	+22 26.9	1.435	2.413	3.8	19.8
12 17	4 6.61	+21 53.6	1.490	2.433	8.5	20.2
12 27	4 0.48	+21 25.4	1.570	2.454	12.6	20.5
1 6	3 57.30	+21 5.4	1.672	2.475	16.0	20.8

414373 2008 UB_{236} 11 29.5 81°.63 1°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.39	+19 34.4	2.322	3.166	11.1	21.3
11 7	4 39.86	+18 57.0	2.257	3.175	8.0	21.1
11 17	4 32.69	+18 16.3	2.218	3.183	4.6	20.9
11 27	4 24.60	+17 34.7	2.207	3.192	1.4	20.7
12 7	4 16.45	+16 54.9	2.227	3.200	3.3	20.9
12 17	4 9.07	+16 19.7	2.276	3.209	6.7	21.1
12 27	4 3.19	+15 51.8	2.353	3.217	9.8	21.3
1 6	3 59.27	+15 32.9	2.454	3.226	12.4	21.5

349285 2007 TG_{366} 11 29.5 58°.48 2°.0/30.5 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.13	+29 50.5	1.562	2.404	15.7	20.1
11 7	4 44.62	+29 7.7	1.510	2.422	11.6	19.9
11 17	4 35.57	+28 10.1	1.480	2.440	7.0	19.7
11 27	4 25.18	+26 59.2	1.476	2.459	2.6	19.5
12 7	4 14.92	+25 40.0	1.501	2.478	3.8	19.6
12 17	4 6.11	+24 19.5	1.554	2.497	8.2	19.9
12 27	3 59.77	+23 5.0	1.633	2.516	12.3	20.2
1 6	3 56.40	+22 1.8	1.734	2.535	15.6	20.5

293795 2007 RH_{141} 11 29.5 87°.92 1°.8/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.00	+26 54.8	1.850	2.682	14.0	21.3
11 7	4 46.36	+27 1.8	1.802	2.711	10.3	21.1
11 17	4 36.47	+26 59.8	1.779	2.739	6.2	20.9
11 27	4 25.37	+26 48.0	1.784	2.766	2.3	20.7
12 7	4 14.35	+26 28.0	1.818	2.794	3.5	20.9
12 17	4 4.60	+26 2.9	1.882	2.820	7.4	21.2
12 27	3 57.07	+25 37.4	1.973	2.846	10.9	21.4
1 6	3 52.28	+25 15.2	2.087	2.872	13.9	21.7

487266 2014 PZ_{51} 11 29.5 108°.58 4°.1/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.93	+34 30.5	2.203	3.016	12.7	21.7
11 7	4 43.53	+34 43.0	2.132	3.021	9.9	21.5
11 17	4 34.95	+34 42.5	2.085	3.027	6.8	21.3
11 27	4 25.09	+34 27.2	2.065	3.033	4.4	21.2
12 7	4 15.07	+33 57.7	2.074	3.039	4.6	21.2
12 17	4 6.00	+33 17.0	2.113	3.044	7.2	21.4
12 27	3 58.85	+32 30.2	2.178	3.050	10.1	21.6
1 6	3 54.21	+31 42.7	2.267	3.055	12.8	21.8

165132 2000 KV_{58} 11 29.5 108°.74 3°.9/28.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.11	+13 48.6	1.436	2.289	16.2	20.1
11 7	4 46.79	+13 13.4	1.387	2.307	11.9	19.8
11 17	4 36.85	+12 40.6	1.362	2.325	7.3	19.6
11 27	4 25.46	+12 14.1	1.363	2.342	4.0	19.5
12 7	4 14.10	+11 57.1	1.391	2.358	6.0	19.7
12 17	4 4.15	+11 52.1	1.447	2.374	10.2	19.9
12 27	3 56.70	+12 0.4	1.527	2.390	14.2	20.2
1 6	3 52.31	+12 21.4	1.628	2.404	17.5	20.5

67252 2000 ET_{104} 11 29.5 152°.27 1°.9/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.41	+28 10.9	1.721	2.558	14.7	19.1
11 7	4 45.62	+27 56.3	1.652	2.563	10.9	18.9
11 17	4 36.26	+27 30.0	1.607	2.567	6.6	18.7
11 27	4 25.37	+26 51.8	1.588	2.571	2.5	18.4
12 7	4 14.32	+26 4.2	1.599	2.575	3.8	18.5
12 17	4 4.47	+25 11.9	1.638	2.578	8.1	18.8
12 27	3 56.93	+24 21.0	1.703	2.581	12.1	19.0
1 6	3 52.32	+23 36.8	1.791	2.584	15.5	19.3

251471 2008 DW_{23} 11 29.5 346°.56 0°.6/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.74	+20 40.8	1.806	2.657	13.4	20.9
11 7	4 42.12	+20 28.6	1.735	2.656	9.8	20.7
11 17	4 34.24	+20 12.5	1.687	2.654	5.6	20.4
11 27	4 24.97	+19 53.7	1.667	2.653	1.2	20.1
12 7	4 15.46	+19 34.2	1.676	2.652	3.6	20.3
12 17	4 6.87	+19 16.8	1.712	2.651	7.9	20.5
12 27	4 0.22	+19 4.6	1.775	2.650	11.8	20.8
1 6	3 56.13	+18 59.7	1.859	2.650	15.1	21.0

77505 2001 HA_{46} 11 29.5 289°.86 6°.1/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.01	+ 7 42.3	1.735	2.584	14.0	19.5
11 7	4 41.57	+ 6 50.7	1.665	2.576	10.8	19.2
11 17	4 33.93	+ 6 5.5	1.618	2.569	7.7	19.0
11 27	4 24.91	+ 5 31.9	1.598	2.561	6.1	18.9
12 7	4 15.62	+ 5 14.0	1.605	2.553	7.5	19.0
12 17	4 7.19	+ 5 14.0	1.638	2.546	10.7	19.2
12 27	4 0.62	+ 5 32.3	1.696	2.539	14.0	19.4
1 6	3 56.55	+ 6 6.8	1.774	2.531	17.0	19.6

521536 2015 OO_{100} 11 29.5 133°.68 7°.5/26.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.39	+ 1 57.6	1.977	2.807	13.3	21.5
11 7	4 41.45	+ 0 50.7	1.923	2.815	10.7	21.3
11 17	4 33.66	− 0 5.3	1.893	2.822	8.4	21.2
11 27	4 24.84	− 0 45.1	1.890	2.829	7.5	21.2
12 7	4 15.93	− 1 4.9	1.914	2.835	8.6	21.3
12 17	4 7.88	− 1 3.5	1.965	2.842	10.9	21.4
12 27	4 1.51	− 0 41.8	2.040	2.848	13.4	21.6
1 6	3 57.33	− 0 2.8	2.135	2.853	15.6	21.8

158670 2003 EL_{50} 11 29.5 223°.68 4°.2/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.21	+12 24.3	1.735	2.586	13.9	20.3
11 7	4 43.18	+11 43.7	1.664	2.581	10.4	20.0
11 17	4 34.85	+11 5.5	1.616	2.576	6.6	19.8
11 27	4 25.10	+10 33.5	1.596	2.571	4.2	19.6
12 7	4 15.09	+10 11.4	1.604	2.566	6.0	19.7
12 17	4 6.00	+10 1.9	1.639	2.561	9.7	19.9
12 27	3 58.86	+10 6.4	1.699	2.555	13.4	20.2
1 6	3 54.33	+10 24.5	1.781	2.549	16.6	20.4

332447 2008 AR_{16} 11 29.5 214°.98 4°.5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.26	+11 53.4	1.568	2.420	15.1	21.5
11 7	4 44.88	+11 20.6	1.498	2.416	11.3	21.3
11 17	4 35.92	+10 51.6	1.452	2.412	7.2	21.0
11 27	4 25.33	+10 30.1	1.431	2.407	4.5	20.9
12 7	4 14.43	+10 19.5	1.439	2.402	6.4	21.0
12 17	4 4.55	+10 22.1	1.473	2.397	10.4	21.2
12 27	3 56.87	+10 38.9	1.532	2.391	14.4	21.4
1 6	3 52.09	+11 9.1	1.611	2.385	17.8	21.7

484547 2008 GQ_{42} 11 29.5 208°.41 5°.4/26.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.56	+ 7 2.9	2.265	3.102	11.6	22.1
11 7	4 40.04	+ 5 57.1	2.196	3.099	8.9	22.0
11 17	4 32.85	+ 4 56.3	2.152	3.096	6.5	21.8
11 27	4 24.69	+ 4 5.1	2.137	3.093	5.4	21.7
12 7	4 16.37	+ 3 27.2	2.150	3.089	6.7	21.8
12 17	4 8.74	+ 3 5.2	2.192	3.085	9.1	22.0
12 27	4 2.55	+ 2 59.9	2.259	3.081	11.8	22.1
1 6	3 58.30	+ 3 10.2	2.348	3.076	14.1	22.3

470446 2007 YA_{21} 11 29.5 3°.64 1°.9/29.8 18

10 28	4 53.21	+23 38.1	1.214	2.075	17.9	20.9
11 7	4 47.19	+24 19.7	1.151	2.075	13.3	20.7
11 17	4 37.62	+24 56.2	1.108	2.075	7.9	20.4
11 27	4 25.72	+25 24.3	1.091	2.075	2.5	20.0
12 7	4 13.29	+25 42.8	1.099	2.076	4.7	20.2
12 17	4 2.27	+25 53.1	1.132	2.077	10.3	20.5
12 27	3 54.29	+25 59.6	1.189	2.079	15.3	20.8
1 6	3 50.19	+26 7.3	1.265	2.081	19.5	21.1

246671 2008 YT_{132} 11 29.5 183°.85 0°.8/29.8 18

10 28	4 50.31	+24 22.5	2.039	2.876	12.7	21.2
11 7	4 43.82	+24 20.7	1.963	2.876	9.3	21.0
11 17	4 35.16	+24 12.5	1.913	2.876	5.5	20.7
11 27	4 25.17	+23 57.9	1.891	2.876	1.4	20.5
12 7	4 14.95	+23 38.1	1.898	2.875	3.2	20.6
12 17	4 5.61	+23 15.8	1.935	2.874	7.2	20.9
12 27	3 58.13	+22 54.5	1.999	2.872	10.8	21.1
1 6	3 53.13	+22 37.7	2.087	2.870	13.9	21.3

140761 2001 UO_{120} 11 29.5 169°.12 2°.1/30.1 18

10 28	4 51.40	+26 29.9	2.146	2.976	12.4	19.9
11 7	4 44.65	+27 4.5	2.070	2.977	9.2	19.7
11 17	4 35.67	+27 33.1	2.020	2.979	5.7	19.5
11 27	4 25.30	+27 53.5	1.999	2.980	2.5	19.2
12 7	4 14.61	+28 5.2	2.007	2.981	3.5	19.3
12 17	4 4.73	+28 9.3	2.045	2.982	7.0	19.5
12 27	3 56.67	+28 8.9	2.111	2.982	10.4	19.8
1 6	3 51.09	+28 7.3	2.201	2.983	13.4	20.0

519236 2010 VS_{226} 11 29.5 150°.26 0°.0/29.4 18

10 28	4 48.67	+21 13.6	2.112	2.953	12.1	21.5
11 7	4 42.54	+21 20.5	2.039	2.955	8.8	21.3
11 17	4 34.40	+21 24.2	1.992	2.957	5.1	21.1
11 27	4 25.03	+21 24.8	1.973	2.959	1.0	20.8
12 7	4 15.44	+21 23.2	1.984	2.960	3.1	21.0
12 17	4 6.65	+21 21.1	2.024	2.962	7.0	21.2
12 27	3 59.56	+21 20.7	2.091	2.963	10.5	21.4
1 6	3 54.78	+21 24.1	2.182	2.965	13.5	21.6

77771 2001 QN_{8} 11 29.5 225°.97 11°.4/ 5.7 17

10 28	5 5.96	+58 44.3	2.466	3.131	15.3	19.6
11 7	4 56.57	+59 46.7	2.382	3.121	13.9	19.5
11 17	4 43.09	+60 24.9	2.317	3.110	12.6	19.3
11 27	4 26.86	+60 31.0	2.274	3.099	11.7	19.3
12 7	4 10.02	+60 1.2	2.253	3.088	11.4	19.2
12 17	3 54.86	+58 57.3	2.257	3.076	11.9	19.2
12 27	3 43.22	+57 26.7	2.285	3.063	13.0	19.3
1 6	3 35.96	+55 40.0	2.334	3.050	14.5	19.4

230509 2002 VM_{19} 11 29.5 73°.88 1°.5/28.9 18

10 28	4 51.49	+20 49.9	1.387	2.246	16.3	20.1
11 7	4 45.06	+20 1.6	1.336	2.261	11.8	19.9
11 17	4 35.93	+19 7.1	1.309	2.276	6.7	19.7
11 27	4 25.33	+18 10.2	1.307	2.292	1.9	19.4
12 7	4 14.76	+17 15.9	1.332	2.307	4.6	19.6
12 17	4 5.65	+16 29.7	1.385	2.323	9.5	20.0
12 27	3 59.08	+15 55.8	1.462	2.338	13.9	20.3
1 6	3 55.61	+15 36.3	1.559	2.353	17.4	20.5

283841 2003 UW_{106} 11 29.5 334°.40 0°.4/29.8 17

10 28	4 46.22	+25 17.1	2.231	3.070	11.7	20.0
11 7	4 40.66	+24 42.4	2.155	3.069	8.5	19.8
11 17	4 33.27	+23 59.8	2.104	3.068	5.0	19.6
11 27	4 24.81	+23 10.6	2.081	3.067	1.2	19.3
12 7	4 16.21	+22 17.7	2.089	3.065	2.9	19.4
12 17	4 8.42	+21 24.7	2.126	3.064	6.6	19.7
12 27	4 2.25	+20 36.0	2.190	3.063	10.0	19.9
1 6	3 58.23	+19 54.7	2.279	3.063	12.9	20.1

205414 2001 FF_{93} 11 29.5 343°.50 3°.4/30.1 18

10 28	4 51.29	+26 58.1	1.432	2.283	16.3	19.3
11 7	4 45.59	+27 54.7	1.360	2.276	12.3	19.1
11 17	4 36.68	+28 44.4	1.310	2.270	7.8	18.8
11 27	4 25.58	+29 22.9	1.285	2.265	3.8	18.6
12 7	4 13.85	+29 48.0	1.287	2.260	5.1	18.6
12 17	4 3.24	+30 0.2	1.315	2.256	9.6	18.9
12 27	3 55.25	+30 4.1	1.368	2.253	14.0	19.1
1 6	3 50.81	+30 4.9	1.441	2.251	17.8	19.4

483869 2005 YO_{135} 11 29.5 164°.38 2°.6/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.47	+13 4.7	2.251	3.092	11.5	21.3
11 7	4 41.50	+13 2.0	2.179	3.093	8.5	21.1
11 17	4 33.75	+13 2.3	2.133	3.094	5.2	20.9
11 27	4 24.92	+13 6.8	2.116	3.095	2.7	20.8
12 7	4 15.90	+13 16.8	2.129	3.096	4.2	20.9
12 17	4 7.58	+13 33.2	2.171	3.097	7.4	21.1
12 27	4 0.77	+13 56.4	2.240	3.097	10.5	21.3
1 6	3 56.01	+14 26.4	2.333	3.098	13.2	21.5

204637 2005 YG_{208} 11 29.5 248°.91 0°.5/29.6 18

10 28	4 51.55	+22 20.6	1.746	2.591	14.1	20.5
11 7	4 45.17	+22 33.6	1.665	2.582	10.4	20.2
11 17	4 36.17	+22 42.3	1.608	2.573	6.1	20.0
11 27	4 25.45	+22 46.1	1.578	2.564	1.4	19.6
12 7	4 14.28	+22 45.5	1.577	2.554	3.6	19.8
12 17	4 4.02	+22 42.3	1.605	2.545	8.3	20.0
12 27	3 55.86	+22 39.8	1.658	2.535	12.5	20.3
1 6	3 50.59	+22 41.2	1.734	2.525	16.1	20.5

61038 2000 KU_{59} 11 29.5 349°.93 0°.0/29.4 18

10 28	4 49.89	+20 12.2	1.702	2.552	14.1	18.7
11 7	4 43.91	+20 36.5	1.630	2.550	10.3	18.5
11 17	4 35.41	+20 59.2	1.582	2.548	6.0	18.2
11 27	4 25.30	+21 19.6	1.561	2.547	1.2	17.9
12 7	4 14.82	+21 37.7	1.569	2.546	3.6	18.0
12 17	4 5.28	+21 54.5	1.604	2.545	8.2	18.3
12 27	3 57.83	+22 11.8	1.665	2.544	12.3	18.6
1 6	3 53.20	+22 31.8	1.749	2.544	15.8	18.8

492452 2014 MW_{56} 11 29.5 50°.48 2°.3/28.9 17

10 28	4 48.57	+15 0.2	1.791	2.643	13.5	21.4
11 7	4 42.50	+15 0.1	1.741	2.661	9.8	21.2
11 17	4 34.36	+15 2.0	1.715	2.679	5.8	21.0
11 27	4 25.04	+15 7.3	1.716	2.698	2.5	20.8
12 7	4 15.69	+15 16.9	1.746	2.718	4.3	21.0
12 17	4 7.36	+15 32.0	1.804	2.737	8.1	21.2
12 27	4 0.95	+15 53.4	1.888	2.757	11.6	21.5
1 6	3 57.01	+16 21.1	1.994	2.776	14.6	21.7

48062 2001 EK_{8} 11 29.5 116°.26 2°.5/28.5 18

10 28	4 49.96	+14 41.6	2.206	3.045	11.8	20.0
11 7	4 43.13	+14 16.5	2.152	3.065	8.6	19.8
11 17	4 34.57	+13 52.4	2.124	3.086	5.2	19.6
11 27	4 25.08	+13 31.4	2.126	3.105	2.6	19.5
12 7	4 15.59	+13 15.6	2.157	3.124	4.1	19.6
12 17	4 7.01	+13 6.8	2.219	3.143	7.3	19.9
12 27	4 0.07	+13 6.4	2.308	3.160	10.4	20.1
1 6	3 55.26	+13 14.6	2.420	3.178	13.0	20.3

10953 Gerdatschira 11 29.5 175°.76 3°.2/30.6 18

10 28	4 55.94	+30 1.2	1.790	2.615	14.7	19.9
11 7	4 48.31	+30 16.6	1.716	2.618	11.1	19.7
11 17	4 37.92	+30 20.2	1.667	2.621	7.1	19.4
11 27	4 25.82	+30 9.8	1.644	2.622	3.6	19.2
12 7	4 13.41	+29 45.7	1.651	2.623	4.4	19.3
12 17	4 2.17	+29 11.4	1.686	2.623	8.2	19.5
12 27	3 53.32	+28 32.7	1.749	2.622	12.1	19.7
1 6	3 47.57	+27 55.7	1.834	2.620	15.5	20.0

478825 2012 VW_{28} 11 29.5 44°.62 1°.9/30.1 18

10 28	4 50.94	+26 27.7	1.430	2.283	16.2	21.4
11 7	4 44.94	+26 30.5	1.372	2.291	12.0	21.2
11 17	4 36.04	+26 23.0	1.335	2.299	7.2	21.0
11 27	4 25.42	+26 4.7	1.325	2.308	2.5	20.7
12 7	4 14.63	+25 37.4	1.341	2.318	4.1	20.8
12 17	4 5.20	+25 5.4	1.383	2.327	8.9	21.1
12 27	3 58.36	+24 34.3	1.451	2.337	13.3	21.4
1 6	3 54.77	+24 9.1	1.539	2.347	16.9	21.7

409111 2003 TW_{27} 11 29.5 5°.13 3°.0/28.1 18

10 28	4 44.89	+15 6.0	2.029	2.881	12.1	21.0
11 7	4 39.77	+14 17.5	1.961	2.881	8.9	20.8
11 17	4 32.80	+13 28.7	1.918	2.881	5.5	20.6
11 27	4 24.75	+12 43.0	1.903	2.882	3.1	20.4
12 7	4 16.57	+12 4.1	1.917	2.883	4.7	20.5
12 17	4 9.17	+11 34.9	1.959	2.884	8.1	20.7
12 27	4 3.40	+11 17.6	2.027	2.885	11.4	20.9
1 6	3 59.76	+11 12.8	2.117	2.887	14.2	21.1

440369 2005 AZ_{12} 11 29.5 331°.66 0°.1/29.5 17

10 28	4 48.21	+20 53.1	1.383	2.247	16.0	20.7
11 7	4 43.26	+21 2.3	1.308	2.234	11.8	20.4
11 17	4 35.30	+21 8.3	1.254	2.223	6.8	20.1
11 27	4 25.34	+21 11.1	1.226	2.211	1.4	19.8
12 7	4 14.83	+21 11.5	1.223	2.201	4.2	19.9
12 17	4 5.36	+21 12.0	1.247	2.191	9.6	20.2
12 27	3 58.35	+21 15.8	1.294	2.183	14.4	20.5
1 6	3 54.64	+21 25.6	1.362	2.175	18.5	20.7

67491 2000 RF_{23} 11 29.5 68°.27 4°.1/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.18	+15 27.7	1.210	2.077	17.7	19.5
11 7	4 45.73	+14 30.5	1.168	2.095	12.9	19.3
11 17	4 36.39	+13 33.9	1.147	2.113	7.8	19.1
11 27	4 25.49	+12 43.5	1.151	2.132	4.2	18.9
12 7	4 14.68	+12 4.4	1.182	2.150	6.5	19.1
12 17	4 5.48	+11 40.9	1.237	2.169	11.1	19.4
12 27	3 59.05	+11 34.9	1.316	2.187	15.4	19.7
1 6	3 55.90	+11 45.3	1.413	2.206	19.0	20.0

404431 2013 GA_{94} 11 29.5 286°.00 1°.8/30.1 17

10 28	4 49.79	+25 50.8	1.874	2.715	13.5	20.8
11 7	4 43.81	+26 9.1	1.794	2.707	10.0	20.6
11 17	4 35.37	+26 20.6	1.737	2.698	6.1	20.3
11 27	4 25.33	+26 23.9	1.707	2.690	2.2	20.1
12 7	4 14.89	+26 19.3	1.706	2.682	3.6	20.1
12 17	4 5.31	+26 8.7	1.734	2.674	7.7	20.4
12 27	3 57.71	+25 55.9	1.787	2.666	11.6	20.6
1 6	3 52.83	+25 44.9	1.864	2.658	15.0	20.8

351028 2003 SX_{77} 11 29.5 10°.53 1°.0/29.9 18

10 28	4 46.12	+25 54.9	1.191	2.061	17.6	19.7
11 7	4 41.81	+25 28.0	1.135	2.064	12.9	19.4
11 17	4 34.39	+24 48.6	1.100	2.068	7.6	19.1
11 27	4 25.12	+23 58.3	1.088	2.074	2.0	18.8
12 7	4 15.67	+23 2.0	1.102	2.081	4.3	19.0
12 17	4 7.70	+22 6.2	1.140	2.089	9.8	19.3
12 27	4 2.48	+21 18.0	1.202	2.098	14.6	19.6
1 6	4 0.66	+20 41.9	1.283	2.109	18.7	19.9

229471 2005 UX_{272} 11 29.5 317°.42 0°.8/29.4 18

10 28	4 50.49	+19 15.0	1.433	2.292	15.8	21.2
11 7	4 44.77	+19 24.6	1.360	2.284	11.6	21.0
11 17	4 36.11	+19 32.8	1.309	2.277	6.7	20.7
11 27	4 25.50	+19 39.7	1.284	2.270	1.5	20.3
12 7	4 14.42	+19 46.3	1.286	2.263	4.3	20.5
12 17	4 4.40	+19 54.3	1.315	2.257	9.5	20.8
12 27	3 56.81	+20 6.4	1.368	2.251	14.2	21.0
1 6	3 52.47	+20 24.5	1.442	2.245	18.1	21.3

138408 2000 HY_{28} 11 29.5 292°.67 5°.7/29.1 18

10 28	4 55.95	+ 5 54.7	1.494	2.333	16.4	19.3
11 7	4 48.97	+ 6 22.2	1.398	2.305	12.8	19.0
11 17	4 38.75	+ 7 6.0	1.325	2.278	8.8	18.7
11 27	4 26.11	+ 8 8.6	1.278	2.249	5.8	18.5
12 7	4 12.45	+ 9 29.8	1.259	2.221	7.3	18.5
12 17	3 59.42	+11 6.9	1.269	2.193	11.6	18.6
12 27	3 48.64	+12 55.8	1.304	2.164	16.3	18.8
1 6	3 41.20	+14 51.8	1.360	2.136	20.4	19.0

40537 1999 RT_{103} 11 29.5 23°.90 10°.4/25.9 18

10 28	4 44.61	+ 4 17.1	1.123	1.994	18.3	17.5
11 7	4 40.31	+ 2 20.9	1.091	2.008	14.6	17.3
11 17	4 33.31	+ 0 40.3	1.079	2.023	11.5	17.2
11 27	4 24.88	− 0 33.8	1.090	2.039	10.4	17.2
12 7	4 16.50	− 1 14.6	1.124	2.057	12.0	17.3
12 17	4 9.55	− 1 20.4	1.180	2.076	14.9	17.6
12 27	4 5.08	− 0 54.4	1.255	2.096	18.1	17.8
1 6	4 3.60	− 0 3.2	1.347	2.117	20.9	18.1

287783 2003 SE_{113} 11 29.5 116°.31 0°.4/29.3 18

10 28	4 46.73	+22 31.2	2.303	3.143	11.3	21.2
11 7	4 40.93	+21 56.7	2.234	3.150	8.2	21.0
11 17	4 33.40	+21 16.8	2.191	3.156	4.7	20.8
11 27	4 24.90	+20 33.1	2.177	3.163	1.0	20.5
12 7	4 16.32	+19 48.4	2.193	3.169	2.9	20.7
12 17	4 8.54	+19 5.9	2.239	3.175	6.5	21.0
12 27	4 2.33	+18 29.0	2.312	3.181	9.8	21.2
1 6	3 58.16	+18 0.0	2.410	3.187	12.5	21.4

474288 2001 WE_{62} 11 29.5 9°.28 0°.4/29.7 18

10 28	4 47.05	+23 42.1	1.121	1.996	18.1	20.5
11 7	4 42.66	+23 27.7	1.066	1.998	13.3	20.2
11 17	4 34.97	+23 4.0	1.031	2.001	7.7	19.9
11 27	4 25.28	+22 32.4	1.019	2.005	1.7	19.6
12 7	4 15.33	+21 56.4	1.031	2.010	4.5	19.8
12 17	4 6.89	+21 21.5	1.068	2.016	10.3	20.1
12 27	4 1.34	+20 53.7	1.127	2.024	15.3	20.4
1 6	3 59.38	+20 36.6	1.205	2.033	19.5	20.7

488220 2015 XR_{368} 11 29.5 104°.08 1°.8/30.5 18

10 28	4 48.67	+29 15.0	2.283	3.110	11.9	21.0
11 7	4 42.38	+28 53.1	2.217	3.122	8.8	20.8
11 17	4 34.24	+28 21.1	2.176	3.133	5.4	20.6
11 27	4 25.09	+27 39.5	2.164	3.145	2.3	20.4
12 7	4 15.90	+26 50.5	2.181	3.157	3.1	20.5
12 17	4 7.63	+25 57.8	2.229	3.168	6.4	20.7
12 27	4 1.09	+25 6.0	2.305	3.179	9.5	21.0
1 6	3 56.77	+24 19.0	2.405	3.190	12.3	21.2

230971 2005 AF_2 11 29.5 232°.16 1°.5/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.46	+15 31.1	2.751	3.585	9.9	20.6
11 7	4 41.37	+15 38.8	2.663	3.574	7.2	20.4
11 17	4 33.69	+15 47.8	2.601	3.563	4.3	20.2
11 27	4 25.01	+15 58.5	2.569	3.552	1.7	20.0
12 7	4 16.06	+16 11.5	2.569	3.541	3.1	20.1
12 17	4 7.61	+16 27.6	2.600	3.529	6.1	20.3
12 27	4 0.40	+16 47.5	2.659	3.517	9.0	20.5
1 6	3 54.93	+17 11.8	2.744	3.504	11.5	20.6

141431 2002 CS_{10} 11 29.5 358°.19 10°.5/28.4 18

10 28	5 6.40	+29 29.4	0.929	1.783	22.7	18.4
11 7	4 59.22	+33 9.1	0.870	1.781	18.0	18.1
11 17	4 46.05	+36 50.0	0.831	1.779	13.3	17.8
11 27	4 27.84	+40 8.0	0.817	1.778	10.6	17.7
12 7	4 7.32	+42 41.2	0.827	1.778	12.2	17.8
12 17	3 48.28	+44 20.5	0.861	1.779	16.5	18.0
12 27	3 34.20	+45 14.5	0.915	1.781	21.1	18.3
1 6	3 26.83	+45 40.1	0.985	1.783	25.0	18.6

159830 2003 UL_{63} 11 29.5 86°.15 5°.3/27.4 18

10 28	4 45.33	+ 6 11.1	2.258	3.095	11.6	19.8
11 7	4 39.85	+ 5 29.5	2.202	3.105	9.0	19.7
11 17	4 32.78	+ 4 55.0	2.170	3.114	6.5	19.5
11 27	4 24.80	+ 4 31.0	2.167	3.124	5.3	19.5
12 7	4 16.76	+ 4 20.1	2.192	3.134	6.3	19.6
12 17	4 9.45	+ 4 23.4	2.245	3.143	8.7	19.7
12 27	4 3.58	+ 4 40.8	2.323	3.153	11.2	19.9
1 6	3 59.62	+ 5 10.7	2.424	3.162	13.5	20.1

324242 2006 BA_{161} 11 29.5 164°.87 5°.3/26.8 18

10 28	4 44.62	+ 3 26.1	2.754	3.578	10.2	21.1
11 7	4 39.13	+ 2 41.3	2.691	3.582	8.0	21.0
11 17	4 32.30	+ 2 3.7	2.654	3.586	6.1	20.9
11 27	4 24.71	+ 1 36.7	2.645	3.589	5.3	20.8
12 7	4 17.02	+ 1 22.4	2.665	3.592	6.2	20.9
12 17	4 9.91	+ 1 22.0	2.714	3.594	8.1	21.0
12 27	4 3.97	+ 1 35.5	2.789	3.596	10.2	21.2
1 6	3 59.64	+ 2 1.4	2.886	3.598	12.1	21.3

98869 2001 BT_5 11 29.5 16°.38 8°.9/28.8 18 R

10 28	4 49.20	+ 1 9.3	1.220	2.074	18.4	18.1
11 7	4 43.73	+ 1 3.8	1.172	2.080	14.7	17.9
11 17	4 35.40	+ 1 19.1	1.144	2.086	11.1	17.7
11 27	4 25.37	+ 1 59.6	1.138	2.095	9.0	17.6
12 7	4 15.16	+ 3 5.8	1.157	2.104	10.0	17.7
12 17	4 6.28	+ 4 34.4	1.200	2.114	13.1	17.9
12 27	3 59.94	+ 6 19.5	1.266	2.126	16.7	18.1
1 6	3 56.81	+ 8 14.5	1.351	2.138	20.0	18.4

91450 1999 RV_{24} 11 29.5 97°.29 21°.2/20.9 18

10 28	4 52.98	−16 50.5	1.098	1.895	23.8	18.5
11 7	4 46.49	−20 9.1	1.085	1.908	22.1	18.4
11 17	4 36.91	−22 43.2	1.089	1.921	21.3	18.4
11 27	4 25.65	−24 18.6	1.110	1.934	21.4	18.5
12 7	4 14.50	−24 50.2	1.148	1.946	22.3	18.6
12 17	4 5.06	−24 21.5	1.201	1.959	23.6	18.8
12 27	3 58.56	−23 2.7	1.267	1.971	25.1	18.9
1 6	3 55.54	−21 7.1	1.343	1.982	26.5	19.1

504967 2011 FS_{156} 11 29.5 321°.27 1°.3/29.8 18

10 28	4 51.53	+22 58.4	1.320	2.180	16.9	20.5
11 7	4 45.92	+23 29.6	1.247	2.170	12.5	20.2
11 17	4 36.98	+23 56.6	1.195	2.161	7.4	19.9
11 27	4 25.77	+24 17.2	1.167	2.152	2.1	19.5
12 7	4 13.92	+24 30.7	1.167	2.144	4.4	19.7
12 17	4 3.21	+24 38.5	1.192	2.136	9.9	20.0
12 27	3 55.23	+24 44.6	1.240	2.129	14.9	20.2
1 6	3 50.88	+24 53.0	1.309	2.122	19.1	20.5

470083 2006 SG_{369} 11 29.5 15°.25 0°.3/28.3 15

10 28	4 26.01	+13 23.1	30.747	31.584	1.0	22.6
11 7	4 25.10	+13 20.5	30.678	31.590	0.7	22.6
11 17	4 24.10	+13 18.1	30.636	31.596	0.4	22.5
11 27	4 23.04	+13 16.0	30.624	31.601	0.3	22.5
12 7	4 21.97	+13 14.4	30.643	31.607	0.4	22.5
12 17	4 20.94	+13 13.3	30.692	31.612	0.6	22.6
12 27	4 19.98	+13 12.8	30.771	31.618	0.9	22.6
1 6	4 19.14	+13 13.0	30.875	31.624	1.2	22.6

300392 2007 RY_{217} 11 29.5 26°.42 1°.9/28.9 18

10 28	4 47.61	+18 38.7	1.384	2.250	15.9	20.3
11 7	4 42.42	+18 10.2	1.330	2.258	11.5	20.1
11 17	4 34.58	+17 39.0	1.299	2.267	6.7	19.8
11 27	4 25.21	+17 8.1	1.293	2.277	2.2	19.6
12 7	4 15.73	+16 41.0	1.313	2.288	4.7	19.8
12 17	4 7.51	+16 21.4	1.360	2.299	9.5	20.1
12 27	4 1.66	+16 12.2	1.430	2.311	13.8	20.4
1 6	3 58.80	+16 14.5	1.521	2.324	17.3	20.7

83261 2001 RB_{73} 11 29.5 216°.96 2°.8/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.13	+15 34.0	2.211	3.055	11.6	19.4
11 7	4 41.32	+14 40.9	2.134	3.050	8.5	19.2
11 17	4 33.72	+13 46.4	2.082	3.044	5.2	18.9
11 27	4 25.03	+12 53.7	2.059	3.038	2.8	18.8
12 7	4 16.17	+12 6.6	2.067	3.032	4.5	18.9
12 17	4 8.04	+11 28.3	2.104	3.026	7.8	19.1
12 27	4 1.45	+11 1.5	2.167	3.019	11.0	19.3
1 6	3 56.95	+10 47.0	2.253	3.012	13.8	19.4

178261 2007 VH_{302} 11 29.5 19°.28 0°.4/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.99	+25 54.3	1.158	2.030	17.9	18.7
11 7	4 41.55	+24 32.9	1.110	2.041	13.0	18.4
11 17	4 34.13	+22 56.6	1.083	2.053	7.4	18.2
11 27	4 25.10	+21 11.4	1.081	2.067	1.5	17.8
12 7	4 16.15	+19 26.4	1.104	2.082	4.5	18.1
12 17	4 8.79	+17 51.5	1.153	2.099	10.0	18.5
12 27	4 4.17	+16 34.3	1.225	2.116	14.8	18.8
1 6	4 2.77	+15 38.3	1.317	2.136	18.7	19.1

265652 2005 TK_{121} 11 29.5 146°.30 1°.4/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.87	+26 19.3	1.955	2.785	13.4	21.6
11 7	4 46.43	+26 14.4	1.888	2.797	9.9	21.4
11 17	4 36.71	+26 0.8	1.847	2.808	5.9	21.1
11 27	4 25.66	+25 38.2	1.834	2.818	1.9	20.9
12 7	4 14.50	+25 8.4	1.851	2.827	3.3	21.0
12 17	4 4.42	+24 34.7	1.897	2.835	7.4	21.3
12 27	3 56.43	+24 1.7	1.971	2.843	11.0	21.5
1 6	3 51.10	+23 33.4	2.069	2.850	14.1	21.8

220759 2004 TG_{105} 11 29.5 339°.73 5°.3/ 1.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.69	+35 14.6	1.965	2.780	13.9	20.5
11 7	4 44.61	+35 58.2	1.888	2.777	11.0	20.3
11 17	4 35.93	+36 28.8	1.835	2.773	7.9	20.1
11 27	4 25.54	+36 42.6	1.808	2.770	5.6	19.9
12 7	4 14.74	+36 38.4	1.808	2.767	5.8	20.0
12 17	4 4.88	+36 18.2	1.837	2.765	8.4	20.1
12 27	3 57.15	+35 46.9	1.891	2.762	11.5	20.3
1 6	3 52.32	+35 11.1	1.968	2.760	14.4	20.5

381806 2009 UP_{115} 11 29.6 216°.38 1°.3/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.22	+24 41.6	1.674	2.517	14.8	21.5
11 7	4 46.52	+24 52.9	1.597	2.512	10.9	21.3
11 17	4 37.05	+24 57.3	1.544	2.507	6.5	21.0
11 27	4 25.78	+24 53.6	1.517	2.502	2.0	20.7
12 7	4 14.10	+24 42.3	1.519	2.496	3.8	20.8
12 17	4 3.45	+24 26.2	1.549	2.490	8.5	21.1
12 27	3 55.10	+24 9.7	1.606	2.483	12.8	21.4
1 6	3 49.80	+23 56.9	1.684	2.476	16.4	21.6

26066 4031 T-$_3$ 11 29.6 46°.70 3°.4/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.49	+15 36.7	1.212	2.080	17.5	18.3
11 7	4 44.67	+15 4.4	1.166	2.094	12.8	18.1
11 17	4 35.92	+14 33.3	1.142	2.109	7.6	17.9
11 27	4 25.52	+14 7.1	1.142	2.123	3.6	17.7
12 7	4 15.08	+13 49.7	1.167	2.139	5.9	17.9
12 17	4 6.15	+13 44.0	1.218	2.155	10.7	18.2
12 27	3 59.92	+13 51.6	1.292	2.171	15.1	18.5
1 6	3 56.98	+14 12.2	1.385	2.187	18.8	18.8

315179 2007 HG_{78} 11 29.6 251°.68 5°.3/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.39	+ 6 46.8	2.233	3.071	11.7	20.3
11 7	4 40.05	+ 5 59.7	2.161	3.065	9.0	20.1
11 17	4 33.01	+ 5 18.6	2.114	3.060	6.5	20.0
11 27	4 24.93	+ 4 47.4	2.095	3.054	5.3	19.9
12 7	4 16.67	+ 4 29.2	2.105	3.048	6.5	19.9
12 17	4 9.06	+ 4 25.6	2.142	3.042	9.0	20.1
12 27	4 2.89	+ 4 37.2	2.205	3.035	11.7	20.2
1 6	3 58.68	+ 5 2.7	2.290	3.029	14.1	20.4

3093 Bergholz 11 29.6 64°.79 4°.0/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.15	+34 32.6	1.657	2.481	15.7	15.5
11 7	4 46.14	+34 9.1	1.605	2.502	12.0	15.3
11 17	4 36.56	+33 27.5	1.575	2.524	8.0	15.2
11 27	4 25.63	+32 27.6	1.572	2.546	4.5	15.0
12 7	4 14.86	+31 13.2	1.597	2.568	4.7	15.1
12 17	4 5.60	+29 50.8	1.651	2.590	8.1	15.3
12 27	3 58.89	+28 28.8	1.731	2.612	11.8	15.6
1 6	3 55.19	+27 13.9	1.833	2.634	14.9	15.9

434351 2004 RC_{147} 11 29.6 72°.41 1°.5/30.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.60	+25 59.3	1.513	2.357	15.9	21.9
11 7	4 47.22	+26 0.0	1.470	2.385	11.7	21.7
11 17	4 37.19	+25 51.1	1.450	2.413	6.9	21.5
11 27	4 25.77	+25 32.4	1.457	2.441	2.2	21.3
12 7	4 14.47	+25 5.9	1.491	2.468	3.8	21.5
12 17	4 4.69	+24 36.1	1.554	2.495	8.3	21.8
12 27	3 57.50	+24 7.8	1.642	2.522	12.4	22.1
1 6	3 53.41	+23 45.4	1.751	2.548	15.7	22.4

521638 2015 QR_{16} 11 29.6 162°.52 1°.5/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.96	+18 56.0	1.926	2.772	12.9	22.2
11 7	4 42.89	+18 27.5	1.856	2.775	9.4	22.0
11 17	4 34.72	+17 55.9	1.811	2.777	5.4	21.8
11 27	4 25.29	+17 23.4	1.794	2.779	1.7	21.5
12 7	4 15.70	+16 52.8	1.806	2.780	3.8	21.7
12 17	4 7.01	+16 27.1	1.848	2.782	7.8	21.9
12 27	4 0.16	+16 9.2	1.915	2.783	11.5	22.1
1 6	3 55.72	+16 0.8	2.005	2.784	14.6	22.4

33864 2000 JP_{12} 11 29.6 63°.43 0°.9/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.03	+23 32.4	1.370	2.224	16.8	18.5
11 7	4 47.06	+23 44.1	1.326	2.247	12.2	18.3
11 17	4 37.23	+23 48.9	1.304	2.270	7.1	18.1
11 27	4 25.79	+23 45.9	1.308	2.293	1.8	17.8
12 7	4 14.39	+23 36.7	1.339	2.316	4.0	18.0
12 17	4 4.55	+23 24.6	1.397	2.340	8.9	18.4
12 27	3 57.44	+23 14.0	1.479	2.363	13.3	18.7
1 6	3 53.61	+23 8.4	1.583	2.386	16.8	19.0

331971 2005 AR_{63} 11 29.6 228°.84 1°.1/30.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.78	+26 41.8	2.431	3.263	11.1	21.0
11 7	4 41.07	+26 21.3	2.350	3.259	8.2	20.8
11 17	4 33.59	+25 52.9	2.294	3.255	4.9	20.6
11 27	4 25.06	+25 17.1	2.268	3.251	1.6	20.3
12 7	4 16.36	+24 35.9	2.271	3.247	2.7	20.4
12 17	4 8.39	+23 52.3	2.304	3.243	6.2	20.6
12 27	4 1.94	+23 10.1	2.366	3.239	9.4	20.8
1 6	3 57.53	+22 32.6	2.452	3.235	12.1	21.0

244463 2002 RM_{178} 11 29.6 137°.44 4°.9/27.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.86	+ 7 1.7	2.375	3.212	11.1	20.1
11 7	4 39.53	+ 6 21.0	2.310	3.214	8.5	19.9
11 17	4 32.65	+ 5 46.3	2.270	3.216	6.1	19.8
11 27	4 24.86	+ 5 20.7	2.258	3.218	4.9	19.7
12 7	4 16.95	+ 5 6.9	2.275	3.219	5.9	19.8
12 17	4 9.69	+ 5 6.4	2.320	3.221	8.3	19.9
12 27	4 3.79	+ 5 19.2	2.392	3.223	10.9	20.1
1 6	3 59.71	+ 5 44.4	2.485	3.224	13.2	20.3

165018 2000 CP_{113} 11 29.6 20°.71 2°.0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.02	+17 32.2	1.431	2.295	15.6	19.5
11 7	4 42.73	+17 16.5	1.373	2.299	11.4	19.3
11 17	4 34.82	+17 0.0	1.337	2.305	6.6	19.0
11 27	4 25.33	+16 44.8	1.327	2.311	2.3	18.8
12 7	4 15.65	+16 33.5	1.344	2.318	4.7	19.0
12 17	4 7.14	+16 28.7	1.387	2.326	9.4	19.3
12 27	4 0.95	+16 32.8	1.454	2.334	13.7	19.5
1 6	3 57.72	+16 46.6	1.541	2.343	17.2	19.8

186678 2003 YB_{129} 11 29.6 238°.93 0°.1/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.29	+20 15.1	1.531	2.381	15.5	20.3
11 7	4 46.73	+20 34.2	1.457	2.377	11.4	20.0
11 17	4 37.26	+20 51.3	1.406	2.372	6.6	19.7
11 27	4 25.87	+21 5.7	1.381	2.367	1.4	19.4
12 7	4 14.00	+21 17.4	1.385	2.362	4.0	19.5
12 17	4 3.19	+21 27.8	1.416	2.357	9.1	19.8
12 27	3 54.77	+21 39.8	1.473	2.351	13.6	20.1
1 6	3 49.56	+21 55.8	1.550	2.345	17.4	20.3

345367 2006 AU_{70} 11 29.6 353°.65 1°.7/28.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 42.51	+17 18.6	2.216	3.068	11.2	20.7
11 7	4 38.07	+17 1.4	2.141	3.062	8.2	20.5
11 17	4 31.92	+16 43.4	2.092	3.058	4.8	20.2
11 27	4 24.73	+16 26.3	2.070	3.054	1.8	20.0
12 7	4 17.33	+16 12.2	2.077	3.050	3.5	20.1
12 17	4 10.60	+16 3.0	2.113	3.048	7.0	20.4
12 27	4 5.30	+16 0.3	2.175	3.046	10.2	20.6
1 6	4 1.96	+16 5.2	2.261	3.045	13.0	20.8

422591 2014 TS_{65} 11 29.6 67°.57 1°.6/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.10	+25 34.9	2.168	3.003	12.1	20.8
11 7	4 42.93	+25 59.1	2.101	3.011	8.9	20.6
11 17	4 34.74	+26 17.4	2.058	3.019	5.4	20.4
11 27	4 25.31	+26 28.8	2.044	3.027	2.0	20.2
12 7	4 15.68	+26 33.3	2.059	3.034	3.2	20.3
12 17	4 6.87	+26 32.3	2.104	3.042	6.7	20.5
12 27	3 59.80	+26 28.8	2.176	3.050	10.0	20.8
1 6	3 55.04	+26 25.7	2.272	3.058	12.8	21.0

98787 2000 YP_{97} 11 29.6 182°.20 5°.6/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.34	+ 5 26.4	2.088	2.920	12.6	19.2
11 7	4 42.97	+ 4 57.9	2.020	2.920	9.8	19.0
11 17	4 34.70	+ 4 37.7	1.977	2.921	7.1	18.8
11 27	4 25.30	+ 4 29.3	1.962	2.920	5.7	18.7
12 7	4 15.72	+ 4 35.0	1.976	2.920	6.7	18.8
12 17	4 6.91	+ 4 55.5	2.018	2.919	9.4	19.0
12 27	3 59.72	+ 5 30.2	2.086	2.917	12.2	19.2
1 6	3 54.72	+ 6 17.0	2.176	2.915	14.8	19.3

78124 Cicalò 11 29.6 283°.37 1°.2/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.72	+20 10.1	1.408	2.267	16.0	20.6
11 7	4 45.01	+19 47.5	1.332	2.257	11.8	20.3
11 17	4 36.33	+19 19.9	1.279	2.247	6.8	20.0
11 27	4 25.69	+18 49.1	1.252	2.237	1.8	19.7
12 7	4 14.58	+18 18.3	1.251	2.227	4.6	19.8
12 17	4 4.59	+17 51.8	1.276	2.217	9.9	20.1
12 27	3 57.08	+17 34.1	1.326	2.207	14.7	20.4
1 6	3 52.84	+17 27.8	1.396	2.197	18.7	20.6

485365 2011 DF_{13} 11 29.6 192°.25 3°.9/27.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.73	+ 8 49.9	2.751	3.585	9.9	22.1
11 7	4 39.30	+ 8 14.8	2.679	3.584	7.5	22.0
11 17	4 32.48	+ 7 43.6	2.632	3.582	5.1	21.8
11 27	4 24.84	+ 7 19.1	2.615	3.580	3.9	21.7
12 7	4 17.08	+ 7 3.3	2.628	3.578	4.9	21.8
12 17	4 9.86	+ 6 57.6	2.670	3.575	7.2	21.9
12 27	4 3.82	+ 7 2.8	2.739	3.572	9.6	22.1
1 6	3 59.41	+ 7 18.3	2.832	3.569	11.8	22.2

53220 1999 CM_{89} 11 29.6 341°.30 1°.5/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.70	+25 43.8	1.655	2.504	14.6	19.2
11 7	4 43.24	+25 49.0	1.582	2.499	10.8	19.0
11 17	4 35.16	+25 46.1	1.531	2.495	6.5	18.7
11 27	4 25.44	+25 34.4	1.507	2.491	2.2	18.4
12 7	4 15.38	+25 15.0	1.510	2.487	3.7	18.5
12 17	4 6.32	+24 51.2	1.541	2.484	8.2	18.8
12 27	3 59.46	+24 27.5	1.598	2.482	12.4	19.0
1 6	3 55.50	+24 8.0	1.676	2.479	16.0	19.3

366553 2002 QE_{154} 11 29.6 162°.01 4°.1/27.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.13	+ 8 50.3	2.497	3.334	10.6	21.1
11 7	4 39.69	+ 8 19.9	2.429	3.336	8.0	20.9
11 17	4 32.74	+ 7 54.2	2.386	3.337	5.5	20.8
11 27	4 24.91	+ 7 35.9	2.373	3.339	4.1	20.7
12 7	4 16.94	+ 7 26.9	2.389	3.341	5.1	20.7
12 17	4 9.60	+ 7 28.7	2.433	3.342	7.6	20.9
12 27	4 3.56	+ 7 41.5	2.505	3.343	10.2	21.1
1 6	3 59.30	+ 8 4.8	2.599	3.344	12.5	21.2

223101 2002 UX_{40} 11 29.6 3°.89 3°.2/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.52	+18 46.4	0.990	1.878	18.8	19.5
11 7	4 41.01	+17 47.5	0.937	1.876	13.8	19.2
11 17	4 34.15	+16 43.0	0.904	1.876	8.1	18.9
11 27	4 25.24	+15 39.3	0.894	1.877	3.3	18.6
12 7	4 16.08	+14 43.7	0.906	1.881	6.3	18.8
12 17	4 8.44	+14 3.1	0.941	1.885	11.9	19.2
12 27	4 3.74	+13 41.8	0.997	1.892	17.1	19.5
1 6	4 2.66	+13 40.3	1.070	1.900	21.3	19.8

101924 1999 RD_{18} 11 29.6 37°.99 5°.4/28.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.33	+12 46.7	1.135	2.008	18.1	18.7
11 7	4 43.96	+11 49.4	1.090	2.019	13.4	18.5
11 17	4 35.59	+10 56.4	1.066	2.031	8.6	18.3
11 27	4 25.51	+10 13.9	1.066	2.043	5.5	18.1
12 7	4 15.39	+ 9 47.2	1.091	2.056	7.6	18.3
12 17	4 6.80	+ 9 39.5	1.139	2.069	12.0	18.6
12 27	4 0.95	+ 9 51.4	1.210	2.083	16.3	18.9
1 6	3 58.42	+10 20.5	1.298	2.098	20.0	19.2

351379 2005 EX_{67} 11 29.6 211°.50 5°.6/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.36	+38 24.3	2.298	3.088	13.0	21.2
11 7	4 47.08	+38 59.4	2.212	3.082	10.5	21.0
11 17	4 37.30	+39 20.1	2.150	3.075	7.8	20.9
11 27	4 25.90	+39 22.8	2.116	3.067	5.9	20.7
12 7	4 14.09	+39 6.3	2.110	3.060	5.9	20.7
12 17	4 3.17	+38 32.8	2.133	3.051	8.0	20.8
12 27	3 54.28	+37 47.4	2.184	3.042	10.7	21.0
1 6	3 48.14	+36 56.7	2.258	3.033	13.3	21.1

521839 2015 TJ_{371} 11 29.6 85°.24 1°.1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.75	+24 59.0	1.957	2.795	13.1	21.3
11 7	4 44.13	+25 3.0	1.901	2.813	9.6	21.1
11 17	4 35.40	+25 0.1	1.869	2.832	5.6	20.9
11 27	4 25.47	+24 50.2	1.865	2.850	1.7	20.6
12 7	4 15.48	+24 34.6	1.891	2.868	3.2	20.8
12 17	4 6.53	+24 15.9	1.946	2.886	7.1	21.1
12 27	3 59.55	+23 57.7	2.028	2.903	10.6	21.3
1 6	3 55.06	+23 43.2	2.133	2.920	13.5	21.6

90430 2004 BM_{44} 11 29.6 342°.53 11°.3/26.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 43.82	− 0 59.9	1.302	2.155	17.5	18.4
11 7	4 39.94	− 2 13.0	1.240	2.140	14.6	18.1
11 17	4 33.38	− 3 8.3	1.198	2.126	12.2	18.0
11 27	4 25.10	− 3 36.4	1.178	2.114	11.3	17.9
12 7	4 16.43	− 3 31.5	1.181	2.103	12.6	17.9
12 17	4 8.75	− 2 52.4	1.206	2.094	15.3	18.1
12 27	4 3.29	− 1 42.2	1.250	2.086	18.5	18.2
1 6	4 0.79	− 0 8.0	1.312	2.079	21.5	18.4

173836 2001 TV_{91} 11 29.6 150°.42 3°.5/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.98	+32 29.1	2.312	3.124	12.2	20.6
11 7	4 45.03	+32 51.8	2.239	3.131	9.4	20.5
11 17	4 35.96	+33 3.7	2.192	3.138	6.3	20.3
11 27	4 25.60	+33 2.7	2.173	3.144	3.8	20.1
12 7	4 15.04	+32 49.0	2.183	3.150	4.2	20.2
12 17	4 5.35	+32 24.8	2.224	3.155	6.9	20.3
12 27	3 57.50	+31 54.3	2.292	3.160	9.8	20.5
1 6	3 52.07	+31 22.3	2.384	3.164	12.5	20.7

300516 2007 TG_{193} 11 29.6 130°.93 2°.5/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.30	+16 53.7	2.090	2.932	12.2	21.3
11 7	4 42.86	+15 57.4	2.028	2.944	8.9	21.1
11 17	4 34.58	+14 59.2	1.993	2.956	5.3	20.9
11 27	4 25.30	+14 2.5	1.987	2.967	2.6	20.7
12 7	4 15.99	+13 11.1	2.011	2.978	4.3	20.9
12 17	4 7.60	+12 28.7	2.064	2.988	7.8	21.1
12 27	4 0.92	+11 57.8	2.144	2.998	11.0	21.3
1 6	3 56.45	+11 39.5	2.247	3.007	13.8	21.5

367864 2011 CB_{86} 11 29.6 253°.67 2°.5/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.24	+15 30.2	2.310	3.156	11.1	20.8
11 7	4 39.93	+14 48.2	2.237	3.154	8.1	20.6
11 17	4 32.95	+14 5.6	2.189	3.151	4.9	20.4
11 27	4 24.98	+13 25.1	2.169	3.149	2.6	20.3
12 7	4 16.86	+12 49.8	2.180	3.147	4.1	20.4
12 17	4 9.42	+12 22.3	2.220	3.144	7.3	20.6
12 27	4 3.42	+12 4.6	2.286	3.142	10.4	20.7
1 6	3 59.36	+11 57.5	2.376	3.140	13.0	20.9

399797 2005 QJ_{110} 11 29.6 81°.24 1°.1/29.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.11	+19 36.9	1.947	2.794	12.8	21.5
11 7	4 42.25	+19 17.3	1.883	2.802	9.3	21.3
11 17	4 34.35	+18 54.8	1.843	2.809	5.3	21.1
11 27	4 25.27	+18 31.0	1.831	2.816	1.4	20.9
12 7	4 16.06	+18 8.0	1.849	2.824	3.5	21.0
12 17	4 7.77	+17 48.7	1.895	2.831	7.5	21.3
12 27	4 1.28	+17 35.6	1.968	2.839	11.1	21.5
1 6	3 57.15	+17 30.4	2.063	2.846	14.1	21.7

245414 2005 JN_{24} 11 29.6 132°.93 0°.8/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.09	+20 25.2	1.913	2.759	13.0	21.5
11 7	4 43.05	+20 9.2	1.844	2.762	9.5	21.3
11 17	4 34.86	+19 49.5	1.800	2.766	5.4	21.0
11 27	4 25.39	+19 27.4	1.784	2.769	1.3	20.7
12 7	4 15.74	+19 5.0	1.796	2.772	3.5	20.9
12 17	4 7.01	+18 45.1	1.838	2.775	7.6	21.2
12 27	4 0.14	+18 30.7	1.906	2.778	11.3	21.4
1 6	3 55.73	+18 23.7	1.997	2.781	14.5	21.6

22284 1986 SH 11 29.6 40°.41 9°.0/ 2.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.63	+39 51.0	1.402	2.217	18.6	17.7
11 7	4 49.83	+41 15.2	1.355	2.233	15.1	17.5
11 17	4 39.26	+42 17.7	1.327	2.251	11.7	17.4
11 27	4 26.33	+42 50.7	1.323	2.269	9.4	17.3
12 7	4 13.08	+42 51.5	1.344	2.287	9.3	17.4
12 17	4 1.59	+42 24.1	1.390	2.306	11.5	17.5
12 27	3 53.46	+41 37.9	1.458	2.326	14.4	17.8
1 6	3 49.42	+40 43.4	1.547	2.346	17.3	18.0

449539 2014 HW_{109} 11 29.6 281°.54 5°.3/27.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.69	+10 26.2	1.699	2.552	14.1	21.1
11 7	4 42.21	+ 9 28.4	1.629	2.545	10.7	20.9
11 17	4 34.46	+ 8 34.2	1.583	2.539	7.2	20.6
11 27	4 25.32	+ 7 48.8	1.564	2.533	5.3	20.5
12 7	4 15.92	+ 7 16.6	1.572	2.527	6.9	20.6
12 17	4 7.42	+ 7 0.8	1.607	2.521	10.4	20.8
12 27	4 0.84	+ 7 2.7	1.666	2.515	13.9	21.0
1 6	3 56.81	+ 7 21.3	1.745	2.509	17.0	21.2

116808 2004 ED_{73} 11 29.6 96°.60 0°.8/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.81	+21 10.2	1.506	2.359	15.5	20.0
11 7	4 45.39	+20 45.3	1.447	2.368	11.3	19.8
11 17	4 36.31	+20 14.9	1.411	2.378	6.5	19.5
11 27	4 25.69	+19 40.9	1.401	2.387	1.5	19.2
12 7	4 14.95	+19 6.5	1.419	2.396	4.1	19.4
12 17	4 5.49	+18 35.8	1.465	2.404	9.0	19.7
12 27	3 58.42	+18 13.0	1.536	2.413	13.2	20.0
1 6	3 54.37	+18 0.6	1.628	2.422	16.8	20.3

2081 Sázava 11 29.6 123°.08 0°.0/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.82	+21 58.6	1.828	2.669	13.8	16.4
11 7	4 45.77	+21 58.6	1.767	2.683	10.0	16.2
11 17	4 36.41	+21 53.9	1.731	2.696	5.8	15.9
11 27	4 25.72	+21 44.7	1.723	2.708	1.2	15.7
12 7	4 14.90	+21 32.4	1.744	2.720	3.4	15.8
12 17	4 5.17	+21 19.5	1.794	2.732	7.7	16.1
12 27	3 57.54	+21 9.3	1.871	2.743	11.5	16.4
1 6	3 52.58	+21 4.4	1.970	2.754	14.7	16.6

232108 2001 XV_{236} 11 29.6 300°.75 0°.8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.04	+23 54.0	1.500	2.354	15.5	20.6
11 7	4 44.56	+23 54.0	1.419	2.340	11.5	20.3
11 17	4 36.13	+23 46.7	1.359	2.325	6.8	20.0
11 27	4 25.72	+23 31.8	1.326	2.311	1.7	19.6
12 7	4 14.76	+23 10.7	1.320	2.297	4.0	19.8
12 17	4 4.80	+22 46.8	1.340	2.284	9.2	20.0
12 27	3 57.22	+22 25.1	1.385	2.270	13.9	20.3
1 6	3 52.86	+22 9.9	1.451	2.257	17.9	20.5

518883 2010 EB_{148} 11 29.6 299°.28 5°.1/27.4 17

10 28	4 44.82	+ 6 54.2	2.254	3.093	11.6	20.9
11 7	4 39.67	+ 6 15.5	2.182	3.087	8.9	20.7
11 17	4 32.83	+ 5 43.0	2.135	3.082	6.4	20.6
11 27	4 24.99	+ 5 20.3	2.116	3.076	5.1	20.5
12 7	4 16.94	+ 5 9.9	2.125	3.070	6.2	20.6
12 17	4 9.55	+ 5 13.5	2.162	3.065	8.7	20.7
12 27	4 3.55	+ 5 31.1	2.225	3.059	11.4	20.9
1 6	3 59.48	+ 6 1.5	2.310	3.054	13.9	21.0

77542 2001 HV_{65} 11 29.6 213°.04 1°.7/29.9 18

10 28	4 53.90	+24 45.0	1.576	2.420	15.4	19.4
11 7	4 47.20	+25 11.2	1.503	2.418	11.4	19.1
11 17	4 37.57	+25 31.1	1.452	2.415	6.9	18.8
11 27	4 26.01	+25 42.6	1.429	2.413	2.3	18.5
12 7	4 14.00	+25 45.3	1.433	2.410	4.0	18.7
12 17	4 3.09	+25 41.3	1.466	2.407	8.8	18.9
12 27	3 54.62	+25 34.8	1.524	2.403	13.2	19.2
1 6	3 49.39	+25 30.3	1.603	2.400	16.9	19.4

225015 2007 EG_{196} 11 29.6 125°.51 4°.3/ 1.3 18

10 28	4 51.18	+34 48.5	2.363	3.169	12.2	20.2
11 7	4 44.52	+35 22.5	2.291	3.175	9.5	20.0
11 17	4 35.72	+35 44.9	2.244	3.181	6.7	19.9
11 27	4 25.60	+35 53.0	2.224	3.187	4.6	19.8
12 7	4 15.23	+35 46.4	2.234	3.193	4.8	19.8
12 17	4 5.71	+35 27.1	2.273	3.199	7.1	19.9
12 27	3 58.00	+34 59.2	2.339	3.205	9.8	20.1
1 6	3 52.73	+34 27.7	2.429	3.210	12.3	20.3

28865 2000 JX_{74} 11 29.6 300°.15 4°.1/28.1 18

10 28	4 48.89	+14 24.2	1.486	2.346	15.3	18.2
11 7	4 43.39	+13 33.0	1.417	2.340	11.4	17.9
11 17	4 35.27	+12 42.0	1.371	2.335	7.1	17.6
11 27	4 25.52	+11 55.6	1.351	2.329	4.1	17.5
12 7	4 15.47	+11 18.8	1.357	2.324	6.2	17.6
12 17	4 6.46	+10 55.7	1.390	2.318	10.5	17.8
12 27	3 59.69	+10 48.6	1.447	2.313	14.6	18.0
1 6	3 55.83	+10 57.7	1.524	2.308	18.2	18.3

103349 2000 AN_{87} 11 29.6 1°.77 3°.5/ 1.2 17

10 28	4 47.93	+32 30.0	1.891	2.720	13.8	19.0
11 7	4 42.46	+32 24.6	1.818	2.720	10.6	18.8
11 17	4 34.63	+32 5.3	1.768	2.720	7.0	18.6
11 27	4 25.38	+31 31.3	1.744	2.720	3.9	18.4
12 7	4 15.93	+30 44.2	1.749	2.720	4.3	18.5
12 17	4 7.51	+29 48.2	1.782	2.721	7.6	18.7
12 27	4 1.14	+28 49.4	1.841	2.723	11.1	18.9
1 6	3 57.44	+27 53.5	1.923	2.725	14.3	19.1

141870 2002 PB_{33} 11 29.6 177°.36 3°.3/28.5 18

10 28	4 51.81	+14 46.8	1.710	2.558	14.2	21.1
11 7	4 45.18	+14 10.3	1.643	2.560	10.5	20.9
11 17	4 36.16	+13 34.3	1.599	2.561	6.4	20.7
11 27	4 25.70	+13 1.9	1.582	2.562	3.4	20.5
12 7	4 15.04	+12 36.5	1.595	2.562	5.3	20.6
12 17	4 5.39	+12 21.0	1.635	2.562	9.3	20.8
12 27	3 57.81	+12 17.7	1.701	2.561	13.1	21.1
1 6	3 52.95	+12 26.8	1.789	2.560	16.4	21.3

340154 2005 YN_{89} 11 29.6 350°.03 1°.6/30.1 18

10 28	4 47.74	+26 16.6	1.221	2.088	17.5	20.8
11 7	4 43.24	+26 6.6	1.155	2.081	13.0	20.5
11 17	4 35.47	+25 44.4	1.109	2.076	7.8	20.2
11 27	4 25.60	+25 10.2	1.087	2.071	2.4	19.8
12 7	4 15.32	+24 26.9	1.089	2.068	4.4	20.0
12 17	4 6.39	+23 40.2	1.117	2.065	9.9	20.3
12 27	4 0.26	+22 57.3	1.167	2.064	15.0	20.5
1 6	3 57.71	+22 23.7	1.237	2.063	19.2	20.8

514993 2009 HR_{59} 11 29.6 145°.47 2°.3/30.4 18

10 28	4 52.31	+28 18.6	2.455	3.274	11.4	22.2
11 7	4 45.12	+28 46.9	2.385	3.284	8.5	22.1
11 17	4 35.98	+29 7.8	2.340	3.294	5.4	21.9
11 27	4 25.66	+29 19.7	2.325	3.303	2.6	21.7
12 7	4 15.14	+29 22.5	2.340	3.312	3.3	21.8
12 17	4 5.41	+29 17.7	2.386	3.320	6.3	22.0
12 27	3 57.34	+29 8.1	2.461	3.328	9.3	22.2
1 6	3 51.51	+28 57.4	2.560	3.335	11.9	22.4

134066 2004 XK_{60} 11 29.6 299°.65 1°.7/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.12	+28 19.3	2.173	3.006	12.2	19.7
11 7	4 41.60	+28 0.6	2.089	2.998	9.1	19.5
11 17	4 34.06	+27 31.9	2.030	2.989	5.6	19.3
11 27	4 25.27	+26 53.5	1.998	2.981	2.2	19.0
12 7	4 16.26	+26 7.3	1.996	2.972	3.1	19.1
12 17	4 8.04	+25 17.0	2.024	2.964	6.8	19.3
12 27	4 1.52	+24 27.2	2.079	2.956	10.3	19.5
1 6	3 57.31	+23 42.2	2.157	2.948	13.3	19.7

444495 2006 RQ_{22} 11 29.6 30°.38 5°.4/27.6 17

10 28	4 47.11	+14 9.2	1.141	2.017	17.7	19.9
11 7	4 42.02	+12 36.8	1.114	2.045	13.0	19.7
11 17	4 34.29	+11 8.4	1.109	2.073	8.2	19.6
11 27	4 25.27	+ 9 51.9	1.128	2.103	5.5	19.5
12 7	4 16.51	+ 8 54.4	1.172	2.135	7.5	19.7
12 17	4 9.36	+ 8 19.5	1.240	2.167	11.6	20.1
12 27	4 4.77	+ 8 7.7	1.330	2.200	15.4	20.4
1 6	4 3.15	+ 8 16.4	1.439	2.233	18.6	20.7

454460 2014 OY_{47} 11 29.6 66°.81 1°.3/29.1 15

10 28	4 48.08	+18 34.8	1.942	2.790	12.8	21.5
11 7	4 42.23	+18 22.9	1.880	2.799	9.3	21.3
11 17	4 34.37	+18 9.3	1.843	2.809	5.3	21.1
11 27	4 25.33	+17 55.4	1.833	2.818	1.6	20.9
12 7	4 16.16	+17 43.0	1.853	2.828	3.6	21.0
12 17	4 7.91	+17 34.3	1.901	2.837	7.5	21.3
12 27	4 1.45	+17 31.4	1.976	2.847	11.0	21.5
1 6	3 57.34	+17 35.7	2.074	2.857	14.0	21.8

291599 2006 GA_{30} 11 29.6 127°.51 3°.8/27.9 18

10 28	4 49.43	+12 28.0	2.071	2.912	12.4	21.4
11 7	4 42.96	+11 39.7	2.014	2.926	9.1	21.3
11 17	4 34.67	+10 53.6	1.982	2.940	5.8	21.1
11 27	4 25.38	+10 13.3	1.979	2.953	3.8	21.0
12 7	4 16.06	+ 9 41.9	2.006	2.966	5.2	21.1
12 17	4 7.64	+ 9 21.9	2.062	2.978	8.3	21.3
12 27	4 0.91	+ 9 14.6	2.144	2.990	11.4	21.5
1 6	3 56.37	+ 9 19.8	2.249	3.001	14.0	21.7

18870 1999 US_{13} 11 29.6 260°.50 1°.4/30.1 18

10 28	4 50.52	+26 22.2	1.870	2.709	13.6	18.2
11 7	4 44.44	+26 13.2	1.783	2.695	10.1	18.0
11 17	4 35.87	+25 55.1	1.719	2.681	6.1	17.7
11 27	4 25.69	+25 27.5	1.682	2.666	2.0	17.4
12 7	4 15.09	+24 51.9	1.675	2.652	3.5	17.5
12 17	4 5.36	+24 12.1	1.696	2.637	7.8	17.7
12 27	3 57.64	+23 32.9	1.744	2.621	11.9	17.9
1 6	3 52.65	+22 59.1	1.814	2.606	15.4	18.1

35067 1989 LL 11 29.6 207°.24 1°.4/29.9 18

10 28	4 54.99	+24 26.3	1.625	2.467	15.2	18.5
11 7	4 47.96	+24 46.4	1.549	2.463	11.3	18.2
11 17	4 38.01	+25 0.1	1.496	2.459	6.7	17.9
11 27	4 26.14	+25 5.7	1.470	2.454	2.1	17.6
12 7	4 13.81	+25 3.2	1.472	2.449	3.9	17.7
12 17	4 2.54	+24 54.8	1.503	2.443	8.7	18.0
12 27	3 53.68	+24 44.9	1.559	2.437	13.1	18.3
1 6	3 48.01	+24 37.8	1.638	2.430	16.8	18.5

357482 2004 HR_{4} 11 29.6 236°.30 3°.3/28.1 18

10 28	4 47.37	+13 12.1	2.243	3.085	11.5	21.5
11 7	4 41.60	+12 30.1	2.161	3.074	8.6	21.3
11 17	4 34.00	+11 48.8	2.104	3.063	5.4	21.1
11 27	4 25.28	+11 11.4	2.076	3.051	3.4	20.9
12 7	4 16.30	+10 40.9	2.077	3.039	4.8	21.0
12 17	4 7.98	+10 20.0	2.108	3.027	8.0	21.2
12 27	4 1.15	+10 10.4	2.165	3.014	11.2	21.4
1 6	3 56.37	+10 12.6	2.245	3.000	13.9	21.5

340266 2006 BM_{163} 11 29.6 308°.94 3°.5/28.5 18

10 28	4 49.06	+14 16.9	1.543	2.401	15.0	21.3
11 7	4 43.48	+13 48.7	1.473	2.395	11.1	21.0
11 17	4 35.34	+13 22.2	1.426	2.390	6.8	20.8
11 27	4 25.57	+13 0.6	1.404	2.384	3.6	20.6
12 7	4 15.47	+12 47.0	1.410	2.379	5.6	20.7
12 17	4 6.37	+12 44.0	1.443	2.374	9.9	20.9
12 27	3 59.43	+12 53.5	1.500	2.369	14.0	21.2
1 6	3 55.35	+13 15.3	1.578	2.365	17.5	21.4

439030 2011 EF_{85} 11 29.6 212°.97 4°.0/28.2 18

10 28	4 50.26	+13 14.0	1.649	2.501	14.5	21.3
11 7	4 44.17	+12 33.1	1.580	2.498	10.8	21.1
11 17	4 35.65	+11 54.0	1.534	2.495	6.8	20.8
11 27	4 25.64	+11 20.5	1.515	2.492	4.1	20.7
12 7	4 15.36	+10 56.4	1.523	2.488	5.9	20.8
12 17	4 6.07	+10 44.6	1.559	2.484	9.8	21.0
12 27	3 58.84	+10 46.9	1.620	2.480	13.7	21.2
1 6	3 54.33	+11 3.1	1.702	2.475	17.0	21.4

330166 2006 BR_{147} 11 29.6 289°.48 2°.7/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.99	+15 1.5	2.132	2.979	11.8	21.0
11 7	4 40.75	+14 30.8	2.046	2.963	8.7	20.8
11 17	4 33.60	+14 0.1	1.984	2.947	5.3	20.6
11 27	4 25.22	+13 31.8	1.951	2.931	2.8	20.4
12 7	4 16.52	+13 8.7	1.947	2.915	4.4	20.5
12 17	4 8.47	+12 53.4	1.972	2.899	7.9	20.6
12 27	4 1.94	+12 47.7	2.022	2.883	11.3	20.8
1 6	3 57.55	+12 52.5	2.096	2.867	14.3	21.0

335009 2004 HO_{35} 11 29.6 160°.12 1°.0/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.35	+24 58.7	1.933	2.767	13.4	21.9
11 7	4 46.20	+24 56.7	1.863	2.773	9.9	21.7
11 17	4 36.72	+24 47.4	1.817	2.779	5.8	21.5
11 27	4 25.86	+24 30.4	1.800	2.785	1.7	21.2
12 7	4 14.80	+24 7.3	1.813	2.789	3.3	21.3
12 17	4 4.76	+23 41.0	1.855	2.793	7.5	21.6
12 27	3 56.77	+23 15.6	1.924	2.796	11.2	21.8
1 6	3 51.43	+22 54.9	2.016	2.799	14.4	22.1

357106 2001 TW_{257} 11 29.6 231°.66 5°.1/27.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.91	+ 8 24.9	2.062	2.904	12.4	20.8
11 7	4 41.32	+ 7 37.7	1.991	2.900	9.5	20.6
11 17	4 33.86	+ 6 55.5	1.945	2.895	6.6	20.5
11 27	4 25.27	+ 6 22.4	1.926	2.890	5.1	20.4
12 7	4 16.47	+ 6 1.9	1.936	2.885	6.4	20.4
12 17	4 8.40	+ 5 55.8	1.973	2.880	9.2	20.6
12 27	4 1.92	+ 6 4.9	2.036	2.874	12.2	20.8
1 6	3 57.57	+ 6 28.1	2.121	2.869	14.9	20.9

49015 1998 QG_{75} 11 29.6 66°.39 0°.7/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.85	+22 37.3	1.356	2.215	16.6	18.9
11 7	4 45.55	+21 56.3	1.305	2.229	12.1	18.6
11 17	4 36.45	+21 7.3	1.277	2.244	6.9	18.4
11 27	4 25.79	+20 13.2	1.274	2.259	1.5	18.1
12 7	4 15.15	+19 18.9	1.298	2.274	4.3	18.3
12 17	4 5.98	+18 29.9	1.348	2.290	9.4	18.7
12 27	3 59.44	+17 51.5	1.424	2.305	13.8	19.0
1 6	3 56.07	+17 26.4	1.519	2.320	17.5	19.3

243942 2001 PM_{49} 11 29.6 39°.75 7°.5/ 4.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.67	+43 37.5	1.434	2.235	18.9	19.1
11 7	4 48.44	+43 10.4	1.390	2.261	15.3	18.9
11 17	4 38.01	+42 13.8	1.365	2.289	11.5	18.8
11 27	4 26.07	+40 46.3	1.364	2.317	8.3	18.7
12 7	4 14.59	+38 52.8	1.390	2.345	7.6	18.7
12 17	4 5.22	+36 43.7	1.442	2.374	9.8	18.9
12 27	3 59.03	+34 32.1	1.520	2.403	13.0	19.2
1 6	3 56.39	+32 28.7	1.622	2.433	16.1	19.5

220172 2002 TA_{298} 11 29.6 51°.07 0°.5/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.79	+22 48.0	1.200	2.065	17.8	19.5
11 7	4 45.72	+22 12.2	1.156	2.083	13.0	19.3
11 17	4 36.61	+21 28.0	1.132	2.101	7.4	19.0
11 27	4 25.83	+20 38.4	1.133	2.119	1.5	18.7
12 7	4 15.13	+19 48.3	1.161	2.138	4.5	19.0
12 17	4 6.08	+19 3.6	1.214	2.157	9.9	19.3
12 27	3 59.90	+18 29.6	1.290	2.177	14.6	19.7
1 6	3 57.11	+18 9.0	1.386	2.197	18.4	20.0

361775 2008 AK_{42} 11 29.6 249°.67 2°.8/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.33	+29 47.7	1.929	2.760	13.6	21.1
11 7	4 44.20	+29 57.1	1.854	2.759	10.2	20.9
11 17	4 35.68	+29 55.9	1.802	2.758	6.5	20.7
11 27	4 25.68	+29 42.6	1.778	2.757	3.3	20.5
12 7	4 15.40	+29 18.1	1.783	2.756	4.0	20.5
12 17	4 6.07	+28 45.3	1.816	2.755	7.5	20.7
12 27	3 58.78	+28 9.1	1.875	2.754	11.2	21.0
1 6	3 54.18	+27 34.6	1.958	2.753	14.3	21.2

196100 2002 TZ_{126} 11 29.6 123°.79 1°.1/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.68	+18 0.0	2.578	3.416	10.3	20.2
11 7	4 40.84	+17 53.4	2.511	3.425	7.5	20.0
11 17	4 33.46	+17 45.9	2.470	3.434	4.3	19.8
11 27	4 25.19	+17 38.3	2.459	3.443	1.3	19.6
12 7	4 16.80	+17 32.0	2.478	3.452	2.9	19.8
12 17	4 9.08	+17 28.4	2.527	3.460	6.1	20.0
12 27	4 2.70	+17 28.9	2.605	3.468	9.0	20.2
1 6	3 58.15	+17 34.5	2.706	3.476	11.5	20.4

66450 1999 OH_{2} 11 29.6 72°.70 6°.7/ 2.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.02	+40 43.2	1.660	2.460	16.8	18.3
11 7	4 48.59	+40 45.7	1.605	2.479	13.4	18.2
11 17	4 38.18	+40 25.3	1.571	2.498	10.0	18.0
11 27	4 26.17	+39 39.1	1.562	2.516	7.3	17.9
12 7	4 14.25	+38 28.9	1.580	2.535	6.9	17.9
12 17	4 4.03	+37 1.6	1.626	2.554	9.2	18.1
12 27	3 56.66	+35 26.9	1.697	2.572	12.3	18.3
1 6	3 52.66	+33 54.3	1.792	2.591	15.3	18.6

475171 2005 UC_{445} 11 29.6 31°.44 4°.3/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.13	+13 41.8	1.135	2.009	18.0	20.5
11 7	4 43.89	+13 13.0	1.091	2.021	13.3	20.3
11 17	4 35.64	+12 48.4	1.068	2.034	8.2	20.1
11 27	4 25.66	+12 32.1	1.068	2.049	4.4	19.9
12 7	4 15.62	+12 27.5	1.093	2.064	6.5	20.1
12 17	4 7.09	+12 36.5	1.143	2.080	11.2	20.4
12 27	4 1.31	+12 59.7	1.215	2.096	15.7	20.7
1 6	3 58.86	+13 35.3	1.305	2.114	19.4	21.0

5003 Silvanominuto 11 29.6 260°.28 0°.2/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.02	+23 22.9	1.481	2.333	15.8	17.6
11 7	4 45.97	+23 7.0	1.403	2.324	11.7	17.3
11 17	4 36.94	+22 42.9	1.348	2.314	6.8	17.0
11 27	4 25.98	+22 11.3	1.318	2.304	1.5	16.6
12 7	4 14.56	+21 34.7	1.317	2.294	4.0	16.8
12 17	4 4.25	+20 57.7	1.342	2.284	9.3	17.1
12 27	3 56.41	+20 25.9	1.392	2.274	14.1	17.3
1 6	3 51.82	+20 3.3	1.462	2.263	18.0	17.5

169470 2002 CJ_{91} 11 29.6 9°.54 0°.8/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.18	+20 3.2	1.126	1.998	18.3	19.5
11 7	4 45.82	+20 4.4	1.068	1.998	13.4	19.2
11 17	4 37.01	+20 2.4	1.030	1.999	7.8	18.9
11 27	4 26.00	+19 57.7	1.015	2.001	1.7	18.6
12 7	4 14.62	+19 52.2	1.025	2.003	4.8	18.8
12 17	4 4.70	+19 49.1	1.060	2.006	10.7	19.1
12 27	3 57.78	+19 52.1	1.118	2.010	15.9	19.4
1 6	3 54.63	+20 3.7	1.194	2.014	20.1	19.7

401530 2013 ES_{93} 11 29.6 230°.29 3°.8/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.90	+10 14.9	2.218	3.055	11.8	21.4
11 7	4 42.76	+10 0.2	2.137	3.046	8.9	21.2
11 17	4 34.73	+ 9 50.1	2.081	3.036	5.8	21.0
11 27	4 25.50	+ 9 46.9	2.054	3.026	3.8	20.8
12 7	4 15.99	+ 9 52.3	2.056	3.016	5.1	20.9
12 17	4 7.12	+10 7.3	2.087	3.005	8.1	21.1
12 27	3 59.76	+10 32.5	2.146	2.994	11.3	21.2
1 6	3 54.51	+11 7.1	2.227	2.982	14.0	21.4

41331 1999 XB_{232} 11 29.6 22°.72 3°.2/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.21	+25 5.1	1.095	1.964	18.9	16.0
11 7	4 45.40	+22 8.4	1.041	1.971	13.7	15.7
11 17	4 36.42	+18 50.4	1.010	1.980	7.8	15.5
11 27	4 25.81	+15 25.0	1.006	1.990	3.3	15.2
12 7	4 15.41	+12 10.7	1.030	2.000	6.9	15.5
12 17	4 6.85	+ 9 24.3	1.081	2.012	12.4	15.8
12 27	4 1.27	+ 7 15.8	1.155	2.025	17.3	16.2
1 6	3 59.15	+ 5 46.5	1.248	2.038	21.2	16.5

461908 2006 QW_{27} 11 29.6 25°.08 20°.3/ 6.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 7.67	+56 19.4	1.022	1.788	27.1	20.4
11 7	5 1.83	+58 50.0	0.978	1.792	24.7	20.3
11 17	4 48.19	+60 40.2	0.948	1.796	22.5	20.1
11 27	4 28.55	+61 30.1	0.933	1.801	20.8	20.1
12 7	4 7.48	+61 9.2	0.934	1.807	20.3	20.0
12 17	3 50.22	+59 42.6	0.952	1.813	20.9	20.1
12 27	3 40.25	+57 30.1	0.986	1.820	22.5	20.2
1 6	3 38.14	+54 55.5	1.036	1.828	24.5	20.4

246449 2007 VZ_{209} 11 29.6 214°.86 2°.1/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.16	+17 0.1	2.042	2.886	12.4	21.5
11 7	4 43.07	+16 29.2	1.964	2.880	9.1	21.3
11 17	4 34.94	+15 56.7	1.911	2.875	5.4	21.0
11 27	4 25.55	+15 24.8	1.886	2.868	2.3	20.8
12 7	4 15.92	+14 56.4	1.891	2.862	4.1	20.9
12 17	4 7.07	+14 34.2	1.925	2.855	7.9	21.2
12 27	3 59.92	+14 20.8	1.986	2.848	11.4	21.4
1 6	3 55.08	+14 17.5	2.069	2.840	14.5	21.6

302585 2002 PD_{189} 11 29.6 56°.95 9°.1/27.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.95	− 0 13.9	1.579	2.414	15.9	21.0
11 7	4 42.97	− 1 4.9	1.539	2.431	12.8	20.8
11 17	4 34.82	− 1 39.2	1.521	2.448	10.2	20.7
11 27	4 25.50	− 1 51.2	1.529	2.466	9.1	20.7
12 7	4 16.19	− 1 38.4	1.561	2.484	10.0	20.8
12 17	4 8.02	− 1 1.4	1.619	2.502	12.3	21.0
12 27	4 1.90	− 0 3.4	1.699	2.521	15.0	21.2
1 6	3 58.34	+ 1 10.4	1.800	2.539	17.4	21.4

357475 2004 FT_{94} 11 29.6 281°.09 6°.1/ 1.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.29	+36 12.9	1.943	2.751	14.4	21.1
11 7	4 47.68	+37 13.0	1.850	2.731	11.6	20.8
11 17	4 38.07	+38 0.9	1.779	2.712	8.6	20.6
11 27	4 26.28	+38 31.0	1.735	2.692	6.4	20.4
12 7	4 13.69	+38 40.3	1.718	2.671	6.7	20.4
12 17	4 1.87	+38 29.4	1.730	2.651	9.2	20.5
12 27	3 52.28	+38 3.3	1.767	2.631	12.5	20.7
1 6	3 45.90	+37 29.3	1.826	2.610	15.6	20.8

66073 1998 RJ_{50} 11 29.6 8°.68 1°.1/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 45.68	+19 41.0	1.571	2.433	14.5	17.9
11 7	4 40.99	+19 29.1	1.509	2.435	10.6	17.7
11 17	4 33.90	+19 14.5	1.470	2.438	6.1	17.4
11 27	4 25.35	+18 58.5	1.457	2.443	1.5	17.2
12 7	4 16.60	+18 43.6	1.471	2.448	3.9	17.3
12 17	4 8.87	+18 32.5	1.512	2.454	8.5	17.6
12 27	4 3.23	+18 27.9	1.578	2.462	12.6	17.9
1 6	4 0.29	+18 31.5	1.665	2.470	16.0	18.1

252755 2002 EJ_{43} 11 29.6 188°.46 0°.6/29.8 18

10 28	4 54.20	+24 18.6	1.738	2.577	14.4	21.1
11 7	4 47.11	+24 5.9	1.663	2.577	10.6	20.8
11 17	4 37.42	+23 45.2	1.612	2.576	6.2	20.6
11 27	4 26.10	+23 16.6	1.589	2.574	1.5	20.3
12 7	4 14.50	+22 42.3	1.595	2.572	3.6	20.4
12 17	4 3.99	+22 6.3	1.629	2.568	8.2	20.7
12 27	3 55.71	+21 33.3	1.690	2.565	12.4	20.9
1 6	3 50.36	+21 7.5	1.774	2.560	15.9	21.2

382859 2004 FE_{83} 11 29.6 308°.64 1°.1/29.3 18

10 28	4 49.93	+20 30.7	1.353	2.216	16.4	21.1
11 7	4 44.63	+20 11.5	1.279	2.205	12.0	20.8
11 17	4 36.27	+19 47.2	1.226	2.194	7.0	20.5
11 27	4 25.90	+19 19.2	1.198	2.184	1.7	20.1
12 7	4 15.03	+18 50.7	1.197	2.174	4.6	20.3
12 17	4 5.27	+18 26.1	1.221	2.164	10.0	20.6
12 27	3 58.05	+18 9.7	1.269	2.154	14.9	20.8
1 6	3 54.18	+18 4.5	1.337	2.145	19.0	21.1

478576 2012 TF_{81} 11 29.6 112°.86 0°.1/29.6 16

10 28	4 53.69	+21 47.3	1.807	2.647	13.9	22.4
11 7	4 46.39	+21 41.1	1.751	2.666	10.1	22.2
11 17	4 36.81	+21 30.0	1.720	2.684	5.8	22.0
11 27	4 25.94	+21 14.7	1.717	2.702	1.2	21.7
12 7	4 15.04	+20 56.9	1.743	2.720	3.4	21.9
12 17	4 5.30	+20 39.4	1.799	2.737	7.7	22.2
12 27	3 57.70	+20 25.6	1.881	2.753	11.5	22.5
1 6	3 52.78	+20 18.1	1.986	2.768	14.6	22.7

345779 2007 EJ_{166} 11 29.6 229°.54 3°.0/30.6 18

10 28	4 53.78	+29 37.1	1.919	2.745	13.8	21.8
11 7	4 46.91	+29 54.9	1.832	2.735	10.5	21.6
11 17	4 37.39	+30 2.5	1.770	2.724	6.8	21.3
11 27	4 26.12	+29 57.6	1.734	2.713	3.4	21.1
12 7	4 14.38	+29 40.1	1.728	2.701	4.2	21.1
12 17	4 3.54	+29 12.5	1.751	2.688	7.9	21.3
12 27	3 54.81	+28 39.9	1.801	2.675	11.8	21.5
1 6	3 48.96	+28 7.8	1.873	2.661	15.1	21.7

411964 2012 HB_{45} 11 29.6 180°.54 2°.4/28.5 17

10 28	4 45.70	+15 33.7	2.333	3.177	11.0	20.9
11 7	4 40.31	+14 57.9	2.261	3.177	8.1	20.7
11 17	4 33.25	+14 21.9	2.215	3.177	4.9	20.6
11 27	4 25.22	+13 48.0	2.197	3.177	2.5	20.4
12 7	4 17.04	+13 18.9	2.209	3.177	4.0	20.5
12 17	4 9.54	+12 56.9	2.251	3.177	7.1	20.7
12 27	4 3.48	+12 44.0	2.320	3.177	10.2	20.9
1 6	3 59.34	+12 40.9	2.411	3.177	12.8	21.1

95682 2002 HZ_{16} 11 29.6 58°.24 0°.1/29.6 18

10 28	4 47.90	+21 46.7	2.055	2.898	12.3	20.2
11 7	4 42.16	+21 41.5	1.986	2.902	9.0	20.0
11 17	4 34.42	+21 32.3	1.941	2.907	5.2	19.8
11 27	4 25.48	+21 19.5	1.925	2.911	1.1	19.5
12 7	4 16.36	+21 4.8	1.938	2.915	3.1	19.7
12 17	4 8.07	+20 50.4	1.980	2.919	7.0	19.9
12 27	4 1.51	+20 39.1	2.049	2.924	10.5	20.2
1 6	3 57.24	+20 33.0	2.142	2.928	13.5	20.4

331067 2009 WP_{38} 11 29.6 67°.78 0°.6/29.8 18

10 28	4 48.80	+22 39.4	2.186	3.024	11.9	20.8
11 7	4 42.75	+22 57.8	2.117	3.031	8.7	20.6
11 17	4 34.74	+23 12.4	2.074	3.038	5.1	20.4
11 27	4 25.55	+23 22.8	2.060	3.045	1.3	20.2
12 7	4 16.16	+23 29.3	2.075	3.052	2.9	20.3
12 17	4 7.55	+23 33.2	2.119	3.059	6.6	20.6
12 27	4 0.60	+23 36.7	2.192	3.066	10.0	20.8
1 6	3 55.89	+23 41.9	2.288	3.073	12.8	21.0

344191 2001 KB_{18} 11 29.6 103°.82 0°.4/29.8 17

10 28	4 55.68	+24 28.0	1.827	2.660	14.1	21.6
11 7	4 47.67	+24 3.8	1.778	2.689	10.2	21.5
11 17	4 37.45	+23 31.8	1.754	2.717	5.9	21.3
11 27	4 26.09	+22 53.0	1.759	2.745	1.3	21.0
12 7	4 14.87	+22 10.6	1.794	2.771	3.3	21.2
12 17	4 4.97	+21 28.5	1.859	2.796	7.5	21.5
12 27	3 57.30	+20 51.3	1.951	2.821	11.2	21.8
1 6	3 52.35	+20 22.3	2.066	2.845	14.2	22.1

172157 2002 NN_{26} 11 29.6 50°.36 6°.9/ 2.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.65	+39 14.2	1.520	2.334	17.4	19.1
11 7	4 47.84	+39 36.2	1.472	2.354	13.9	18.9
11 17	4 37.90	+39 36.1	1.444	2.376	10.3	18.7
11 27	4 26.21	+39 10.3	1.441	2.398	7.4	18.6
12 7	4 14.57	+38 20.2	1.463	2.420	7.2	18.7
12 17	4 4.63	+37 11.8	1.512	2.442	9.6	18.9
12 27	3 57.63	+35 54.6	1.586	2.464	12.8	19.1
1 6	3 54.13	+34 37.9	1.682	2.487	15.9	19.4

2548 Leloir 11 29.6 200°.69 7°.0/ 3.3 18

10 28	4 55.80	+43 39.9	2.124	2.896	14.5	16.8
11 7	4 48.34	+43 51.1	2.043	2.894	12.0	16.6
11 17	4 38.14	+43 41.7	1.984	2.891	9.4	16.4
11 27	4 26.30	+43 7.8	1.951	2.888	7.4	16.3
12 7	4 14.25	+42 9.3	1.945	2.885	7.1	16.3
12 17	4 3.44	+40 50.5	1.967	2.881	8.8	16.4
12 27	3 55.07	+39 19.1	2.017	2.877	11.4	16.5
1 6	3 49.79	+37 44.0	2.091	2.873	14.0	16.7

75415 1999 XK_{115} 11 29.6 138°.68 1°.7/30.2 18

10 28	4 55.01	+26 3.5	1.691	2.528	14.9	19.5
11 7	4 47.74	+26 14.9	1.627	2.538	11.0	19.3
11 17	4 37.79	+26 17.9	1.586	2.547	6.6	19.0
11 27	4 26.23	+26 11.1	1.572	2.555	2.3	18.8
12 7	4 14.45	+25 55.4	1.587	2.564	3.8	18.9
12 17	4 3.88	+25 33.9	1.631	2.571	8.2	19.2
12 27	3 55.68	+25 11.4	1.701	2.578	12.2	19.4
1 6	3 50.50	+24 52.4	1.794	2.585	15.6	19.7

162393 2000 CM_{81} 11 29.6 186°.20 6°.7/ 4.4 18

10 28	4 55.23	+50 58.4	3.458	4.161	10.6	21.7
11 7	4 47.30	+51 27.7	3.374	4.161	9.2	21.6
11 17	4 37.33	+51 41.0	3.313	4.160	7.9	21.5
11 27	4 26.12	+51 35.0	3.278	4.158	6.9	21.4
12 7	4 14.71	+51 9.1	3.271	4.156	6.7	21.4
12 17	4 4.15	+50 24.7	3.291	4.153	7.4	21.4
12 27	3 55.35	+49 25.9	3.339	4.150	8.6	21.5
1 6	3 48.90	+48 18.4	3.411	4.146	10.0	21.6

423802 2006 HB_{74} 11 29.6 277°.59 2°.9/28.2 17

10 28	4 45.24	+14 19.9	2.323	3.168	11.1	21.7
11 7	4 40.06	+13 39.5	2.242	3.158	8.2	21.5
11 17	4 33.18	+12 59.2	2.186	3.147	5.1	21.3
11 27	4 25.26	+12 21.9	2.159	3.137	2.9	21.2
12 7	4 17.11	+11 50.3	2.162	3.127	4.4	21.2
12 17	4 9.59	+11 27.2	2.194	3.116	7.5	21.4
12 27	4 3.46	+11 14.3	2.252	3.106	10.6	21.6
1 6	3 59.26	+11 12.4	2.333	3.096	13.3	21.8

261814 2006 CX_{1} 11 29.6 88°.54 4°.6/28.0 18

10 28	4 46.71	+ 7 44.8	2.211	3.049	11.8	20.3
11 7	4 41.04	+ 7 20.4	2.151	3.057	9.0	20.1
11 17	4 33.68	+ 7 2.3	2.115	3.064	6.2	19.9
11 27	4 25.35	+ 6 53.6	2.107	3.072	4.6	19.9
12 7	4 16.91	+ 6 55.9	2.128	3.079	5.7	19.9
12 17	4 9.20	+ 7 10.3	2.177	3.087	8.3	20.1
12 27	4 2.97	+ 7 36.4	2.253	3.094	11.1	20.3
1 6	3 58.74	+ 8 13.0	2.351	3.102	13.5	20.5

260349 2004 TA_{286} 11 29.6 49°.34 0°.5/29.8 18

10 28	4 47.78	+23 54.0	2.016	2.859	12.6	20.9
11 7	4 42.11	+23 44.3	1.949	2.865	9.2	20.6
11 17	4 34.41	+23 28.4	1.907	2.871	5.3	20.4
11 27	4 25.51	+23 7.1	1.893	2.878	1.3	20.2
12 7	4 16.46	+22 42.1	1.907	2.884	3.0	20.3
12 17	4 8.30	+22 16.3	1.951	2.891	7.0	20.6
12 27	4 1.92	+21 53.0	2.021	2.898	10.5	20.8
1 6	3 57.89	+21 35.2	2.114	2.905	13.5	21.0

222145 1999 XV_{14} 11 29.6 299°.52 1°.6/28.8 18

10 28	4 51.61	+25 7.6	1.380	2.236	16.6	19.3
11 7	4 45.97	+23 17.3	1.285	2.208	12.3	19.0
11 17	4 37.13	+21 4.7	1.213	2.181	7.2	18.6
11 27	4 26.15	+18 34.8	1.168	2.154	1.9	18.2
12 7	4 14.62	+15 58.0	1.152	2.126	5.4	18.4
12 17	4 4.22	+13 28.2	1.164	2.099	11.2	18.6
12 27	3 56.41	+11 18.1	1.201	2.073	16.6	18.9
1 6	3 52.05	+ 9 35.5	1.258	2.046	21.1	19.1

235455 2003 YS_{150} 11 29.6 311°.93 1°.4/29.9 18

10 28	4 48.60	+24 6.4	2.061	2.901	12.5	20.2
11 7	4 43.08	+24 36.9	1.962	2.875	9.3	20.0
11 17	4 35.24	+25 3.9	1.887	2.849	5.6	19.7
11 27	4 25.75	+25 25.9	1.840	2.824	1.9	19.4
12 7	4 15.66	+25 42.2	1.822	2.798	3.3	19.5
12 17	4 6.11	+25 53.4	1.833	2.773	7.4	19.7
12 27	3 58.24	+26 1.7	1.871	2.748	11.2	19.9
1 6	3 52.84	+26 10.1	1.932	2.724	14.6	20.0

128465 2004 OJ_9 11 29.6 79°.82 1°.3/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.06	+18 33.4	2.038	2.883	12.3	20.3
11 7	4 42.20	+18 18.6	1.975	2.893	9.0	20.1
11 17	4 34.41	+18 2.1	1.938	2.903	5.2	19.9
11 27	4 25.52	+17 45.2	1.928	2.913	1.6	19.7
12 7	4 16.50	+17 30.0	1.948	2.923	3.5	19.8
12 17	4 8.35	+17 18.6	1.997	2.932	7.3	20.1
12 27	4 1.91	+17 13.1	2.073	2.942	10.7	20.3
1 6	3 57.72	+17 14.8	2.172	2.952	13.6	20.5

509405 2007 DG_{74} 11 29.6 315°.56 5°.0/28.1 18

10 28	4 49.06	+11 56.7	1.429	2.289	15.8	21.1
11 7	4 43.66	+11 10.3	1.362	2.283	11.9	20.9
11 17	4 35.58	+10 27.4	1.317	2.278	7.7	20.6
11 27	4 25.80	+ 9 52.8	1.297	2.272	5.1	20.5
12 7	4 15.68	+ 9 31.1	1.304	2.267	6.9	20.6
12 17	4 6.63	+ 9 25.4	1.337	2.262	11.0	20.8
12 27	3 59.84	+ 9 36.9	1.393	2.257	15.2	21.0
1 6	3 56.04	+10 4.5	1.468	2.253	18.7	21.3

78849 2003 QB_{62} 11 29.6 350°.88 5°.8/28.2 18

10 28	4 48.01	+11 47.2	1.107	1.983	18.2	18.6
11 7	4 43.45	+11 1.9	1.048	1.978	13.7	18.4
11 17	4 35.67	+10 21.8	1.009	1.973	8.9	18.1
11 27	4 25.83	+ 9 52.9	0.994	1.970	5.8	17.9
12 7	4 15.61	+ 9 40.4	1.002	1.968	7.9	18.0
12 17	4 6.71	+ 9 47.4	1.033	1.966	12.6	18.3
12 27	4 0.57	+10 14.1	1.086	1.965	17.3	18.6
1 6	3 57.94	+10 58.2	1.156	1.966	21.3	18.8

265065 2003 SX_{58} 11 29.6 39°.90 1°.4/28.9 18

10 28	4 46.40	+19 49.5	1.990	2.839	12.5	19.5
11 7	4 41.03	+19 5.8	1.926	2.846	9.0	19.3
11 17	4 33.76	+18 18.2	1.886	2.853	5.2	19.1
11 27	4 25.39	+17 29.3	1.875	2.860	1.7	18.9
12 7	4 16.93	+16 42.7	1.893	2.867	3.7	19.0
12 17	4 9.35	+16 1.9	1.940	2.875	7.5	19.3
12 27	4 3.49	+15 30.1	2.013	2.882	11.0	19.5
1 6	3 59.86	+15 9.2	2.109	2.890	13.9	19.7

257275 2009 HA_2 11 29.6 68°.98 5°.1/28.4 18

10 28	4 52.19	+11 28.4	1.264	2.126	17.3	20.1
11 7	4 45.99	+10 55.2	1.214	2.136	12.9	19.8
11 17	4 36.88	+10 28.1	1.184	2.145	8.3	19.6
11 27	4 26.06	+10 11.3	1.179	2.155	5.2	19.5
12 7	4 15.11	+10 8.4	1.200	2.165	7.1	19.6
12 17	4 5.55	+10 20.9	1.247	2.175	11.4	19.9
12 27	3 58.62	+10 48.9	1.316	2.185	15.6	20.1
1 6	3 54.95	+11 30.3	1.405	2.195	19.2	20.4

306903 2001 TT_{172} 11 29.6 339°.74 1°.5/29.2 18

10 28	4 48.04	+19 59.2	1.271	2.140	16.8	20.2
11 7	4 43.34	+19 34.2	1.202	2.131	12.3	19.9
11 17	4 35.58	+19 4.4	1.154	2.124	7.2	19.6
11 27	4 25.84	+18 32.0	1.131	2.117	1.9	19.2
12 7	4 15.66	+18 0.8	1.134	2.110	4.8	19.4
12 17	4 6.68	+17 35.5	1.162	2.105	10.3	19.7
12 27	4 0.28	+17 20.2	1.212	2.101	15.2	20.0
1 6	3 57.24	+17 17.4	1.282	2.097	19.3	20.2

330275 2006 SE_{203} 11 29.6 3°.52 4°.9/28.2 18

10 28	4 47.91	+14 15.1	1.122	1.998	18.0	20.6
11 7	4 43.28	+13 18.4	1.066	1.997	13.3	20.3
11 17	4 35.51	+12 23.0	1.031	1.997	8.4	20.0
11 27	4 25.81	+11 34.9	1.019	1.998	5.0	19.9
12 7	4 15.83	+11 0.4	1.031	1.999	7.3	20.0
12 17	4 7.23	+10 43.9	1.067	2.001	12.1	20.3
12 27	4 1.36	+10 47.2	1.125	2.005	16.8	20.6
1 6	3 58.93	+11 9.2	1.200	2.009	20.7	20.8

146305 2001 KC_{19} 11 29.6 111°.52 1°.2/29.4 18

10 28	4 54.22	+18 24.7	1.577	2.425	15.2	19.6
11 7	4 47.14	+18 30.3	1.519	2.438	11.1	19.3
11 17	4 37.44	+18 34.7	1.485	2.450	6.4	19.1
11 27	4 26.19	+18 38.4	1.477	2.462	1.7	18.8
12 7	4 14.78	+18 42.4	1.498	2.474	4.0	19.0
12 17	4 4.58	+18 48.5	1.548	2.485	8.7	19.3
12 27	3 56.73	+18 58.8	1.622	2.496	12.9	19.6
1 6	3 51.87	+19 15.1	1.719	2.507	16.3	19.9

464286 2016 AB_{73} 11 29.6 335°.41 4°.1/27.6 17

10 28	4 44.48	+10 19.3	2.345	3.188	11.0	21.3
11 7	4 39.43	+ 9 30.3	2.275	3.186	8.3	21.1
11 17	4 32.79	+ 8 44.5	2.232	3.185	5.6	20.9
11 27	4 25.21	+ 8 5.3	2.216	3.184	4.1	20.8
12 7	4 17.49	+ 7 35.7	2.230	3.183	5.3	20.9
12 17	4 10.41	+ 7 18.0	2.272	3.182	8.0	21.1
12 27	4 4.70	+ 7 13.2	2.340	3.181	10.7	21.2
1 6	4 0.83	+ 7 21.1	2.431	3.180	13.1	21.4

389718 2011 SD_{33} 11 29.6 98°.23 6°.9/26.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.06	+ 4 31.1	1.874	2.710	13.7	20.8
11 7	4 42.84	+ 3 23.2	1.829	2.728	10.7	20.7
11 17	4 34.73	+ 2 25.0	1.808	2.746	8.1	20.5
11 27	4 25.60	+ 1 41.8	1.814	2.763	6.9	20.5
12 7	4 16.48	+ 1 17.3	1.848	2.780	8.1	20.6
12 17	4 8.35	+ 1 12.8	1.908	2.797	10.5	20.8
12 27	4 2.01	+ 1 27.7	1.993	2.813	13.2	21.0
1 6	3 57.93	+ 1 59.2	2.099	2.829	15.5	21.2

116561 2004 BV_{82} 11 29.6 153°.88 1°.1/29.3 18

10 28	4 53.60	+18 45.4	1.816	2.658	13.8	20.1
11 7	4 46.49	+18 44.7	1.750	2.665	10.1	19.9
11 17	4 37.02	+18 42.3	1.707	2.672	5.8	19.7
11 27	4 26.12	+18 38.7	1.693	2.678	1.5	19.4
12 7	4 15.01	+18 35.3	1.709	2.684	3.7	19.6
12 17	4 4.91	+18 34.0	1.753	2.689	8.0	19.8
12 27	3 56.87	+18 37.1	1.824	2.693	11.9	20.1
1 6	3 51.53	+18 46.3	1.918	2.697	15.2	20.3

320068 2007 EH_{42} 11 29.6 237°.98 0°.4/29.5 17

10 28	4 47.59	+21 19.5	2.415	3.253	10.9	21.6
11 7	4 41.81	+21 6.2	2.329	3.243	8.0	21.4
11 17	4 34.23	+20 49.0	2.268	3.233	4.6	21.1
11 27	4 25.54	+20 28.8	2.237	3.223	1.0	20.8
12 7	4 16.59	+20 7.2	2.236	3.212	2.8	21.0
12 17	4 8.26	+19 46.4	2.265	3.201	6.4	21.2
12 27	4 1.38	+19 29.0	2.321	3.190	9.7	21.4
1 6	3 56.52	+19 17.1	2.402	3.178	12.5	21.6

436652 2011 RK_{11} 11 29.6 42°.46 11°.1/ 4.3 17

10 28	4 59.85	+45 53.8	1.362	2.153	20.2	19.9
11 7	4 52.41	+47 10.7	1.327	2.181	17.0	19.8
11 17	4 40.86	+47 57.9	1.311	2.210	13.9	19.7
11 27	4 26.93	+48 7.7	1.316	2.240	11.6	19.7
12 7	4 13.02	+47 39.0	1.345	2.270	11.1	19.7
12 17	4 1.38	+46 38.4	1.397	2.300	12.5	19.9
12 27	3 53.58	+45 18.0	1.472	2.331	14.9	20.1
1 6	3 50.17	+43 50.6	1.568	2.362	17.3	20.4

184389 2005 LE_{47} 11 29.6 69°.53 2°.1/29.1 18

10 28	4 54.19	+17 37.8	1.357	2.214	16.7	20.1
11 7	4 47.12	+17 21.2	1.317	2.240	12.1	19.9
11 17	4 37.36	+17 3.7	1.299	2.266	7.0	19.7
11 27	4 26.16	+16 47.3	1.307	2.292	2.4	19.4
12 7	4 15.08	+16 34.8	1.343	2.317	4.7	19.7
12 17	4 5.54	+16 28.7	1.405	2.343	9.5	20.0
12 27	3 58.62	+16 31.2	1.492	2.368	13.7	20.3
1 6	3 54.83	+16 43.3	1.600	2.393	17.1	20.6

206503 2003 UB_{115} 11 29.6 296°.50 3°.7/27.9 18

10 28	4 47.72	+16 2.1	1.681	2.537	14.0	20.0
11 7	4 42.43	+14 48.1	1.603	2.525	10.4	19.8
11 17	4 34.79	+13 30.5	1.550	2.514	6.4	19.5
11 27	4 25.68	+12 14.5	1.524	2.502	3.7	19.4
12 7	4 16.28	+11 6.0	1.526	2.491	5.8	19.5
12 17	4 7.78	+10 10.6	1.555	2.480	9.8	19.7
12 27	4 1.25	+ 9 32.2	1.609	2.469	13.8	19.9
1 6	3 57.34	+ 9 12.0	1.684	2.458	17.1	20.1

13395 Deconihout 11 29.6 93°.17 2°.1/28.9 18

10 28	4 54.19	+18 2.5	1.471	2.323	15.9	18.3
11 7	4 47.04	+17 32.8	1.424	2.344	11.5	18.1
11 17	4 37.31	+17 1.2	1.399	2.365	6.7	17.9
11 27	4 26.17	+16 30.2	1.402	2.386	2.4	17.7
12 7	4 15.09	+16 3.3	1.432	2.406	4.7	17.9
12 17	4 5.40	+15 43.7	1.490	2.425	9.2	18.2
12 27	3 58.20	+15 34.3	1.573	2.444	13.4	18.5
1 6	3 54.00	+15 36.1	1.677	2.463	16.7	18.8

310859 2003 BK_{78} 11 29.6 266°.83 6°.9/ 2.7 18

10 28	4 54.17	+42 21.0	2.189	2.967	13.9	20.3
11 7	4 47.35	+42 45.7	2.092	2.948	11.6	20.1
11 17	4 37.77	+42 52.3	2.018	2.929	9.1	19.9
11 27	4 26.35	+42 36.5	1.970	2.910	7.2	19.7
12 7	4 14.43	+41 56.9	1.949	2.890	7.1	19.7
12 17	4 3.46	+40 56.1	1.956	2.870	8.8	19.7
12 27	3 54.73	+39 40.9	1.990	2.850	11.5	19.9
1 6	3 49.00	+38 19.3	2.048	2.829	14.2	20.0

330886 2009 RW_{49} 11 29.6 348°.65 1°.4/29.1 17

10 28	4 46.07	+19 10.4	1.841	2.695	13.1	21.3
11 7	4 41.07	+18 43.6	1.769	2.691	9.5	21.1
11 17	4 33.94	+18 13.8	1.721	2.688	5.5	20.9
11 27	4 25.51	+17 43.0	1.700	2.684	1.7	20.6
12 7	4 16.83	+17 14.0	1.707	2.682	3.8	20.8
12 17	4 9.01	+16 50.0	1.742	2.679	7.9	21.0
12 27	4 2.98	+16 33.8	1.803	2.678	11.7	21.2
1 6	3 59.38	+16 27.2	1.886	2.676	15.0	21.4

434339 2004 MQ_8 11 29.6 121°.69 2°.7/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.07	+30 22.8	1.924	2.746	13.9	21.8
11 7	4 47.48	+30 21.3	1.864	2.764	10.5	21.6
11 17	4 37.52	+30 7.7	1.828	2.781	6.6	21.4
11 27	4 26.24	+29 41.1	1.820	2.798	3.2	21.3
12 7	4 14.92	+29 3.1	1.841	2.814	3.9	21.3
12 17	4 4.82	+28 17.8	1.892	2.830	7.4	21.6
12 27	3 56.94	+27 30.8	1.970	2.844	10.9	21.8
1 6	3 51.82	+26 47.3	2.072	2.858	13.9	22.1

112573 2002 PU_{51} 11 29.6 256°.97 2°.3/30.6 18

10 28	4 48.47	+29 7.3	2.400	3.225	11.4	19.9
11 7	4 42.60	+29 16.0	2.313	3.215	8.6	19.7
11 17	4 34.77	+29 16.3	2.251	3.206	5.5	19.5
11 27	4 25.70	+29 7.3	2.217	3.196	2.6	19.3
12 7	4 16.32	+28 49.4	2.213	3.186	3.3	19.4
12 17	4 7.61	+28 24.8	2.238	3.176	6.4	19.6
12 27	4 0.48	+27 57.0	2.292	3.166	9.6	19.7
1 6	3 55.53	+27 29.8	2.369	3.155	12.4	19.9

490921 2011 CY_{43} 11 29.6 10°.47 5°.9/27.5 18

10 28	4 45.61	+ 6 1.1	1.962	2.804	12.9	21.3
11 7	4 40.49	+ 5 18.6	1.900	2.805	10.0	21.1
11 17	4 33.50	+ 4 44.2	1.862	2.807	7.3	20.9
11 27	4 25.41	+ 4 21.9	1.850	2.808	5.9	20.8
12 7	4 17.16	+ 4 14.8	1.866	2.810	7.1	20.9
12 17	4 9.69	+ 4 24.1	1.910	2.813	9.7	21.1
12 27	4 3.82	+ 4 49.4	1.978	2.815	12.5	21.3
1 6	4 0.11	+ 5 28.8	2.067	2.818	15.1	21.5

255533 2006 HC_{25} 11 29.6 113°.05 3°.2/28.6 18

10 28	4 53.28	+16 14.7	1.424	2.279	16.1	20.8
11 7	4 46.56	+15 29.2	1.369	2.291	11.8	20.6
11 17	4 37.14	+14 42.8	1.338	2.302	7.1	20.4
11 27	4 26.18	+13 59.6	1.332	2.313	3.4	20.2
12 7	4 15.15	+13 23.9	1.354	2.324	5.6	20.3
12 17	4 5.45	+12 59.6	1.403	2.335	10.1	20.6
12 27	3 58.23	+12 49.3	1.477	2.345	14.3	20.9
1 6	3 54.09	+12 53.4	1.570	2.354	17.8	21.2

63049 2000 WC_{95} 11 29.6 23°.23 0°.4/29.8 18

10 28	4 48.28	+22 56.9	1.773	2.622	13.7	18.9
11 7	4 42.76	+22 58.5	1.707	2.626	10.0	18.7
11 17	4 34.94	+22 54.9	1.666	2.631	5.8	18.5
11 27	4 25.73	+22 46.1	1.651	2.637	1.4	18.2
12 7	4 16.31	+22 33.8	1.665	2.642	3.3	18.3
12 17	4 7.85	+22 20.2	1.706	2.649	7.7	18.6
12 27	4 1.39	+22 8.8	1.774	2.655	11.5	18.9
1 6	3 57.54	+22 2.3	1.864	2.662	14.8	19.1

10658 Gretadevries 11 29.6 22°.82 2°.8/28.7 18

10 28	4 47.57	+15 32.2	1.730	2.584	13.8	17.5
11 7	4 42.17	+15 1.4	1.666	2.587	10.1	17.3
11 17	4 34.57	+14 30.9	1.626	2.590	6.1	17.1
11 27	4 25.65	+14 3.6	1.612	2.593	3.0	16.9
12 7	4 16.54	+13 42.6	1.627	2.597	4.8	17.0
12 17	4 8.39	+13 30.5	1.669	2.601	8.7	17.3
12 27	4 2.15	+13 29.1	1.737	2.605	12.5	17.5
1 6	3 58.42	+13 38.9	1.826	2.610	15.6	17.7

259661 2003 WO_{131} 11 29.6 56°.98 2°.0/30.0 18

10 28	4 55.84	+24 9.1	1.201	2.059	18.3	19.7
11 7	4 49.04	+24 49.2	1.154	2.076	13.5	19.5
11 17	4 38.82	+25 22.2	1.128	2.093	8.0	19.2
11 27	4 26.56	+25 45.1	1.127	2.111	2.7	19.0
12 7	4 14.14	+25 57.2	1.151	2.129	4.6	19.1
12 17	4 3.41	+26 1.0	1.202	2.147	9.8	19.5
12 27	3 55.79	+26 1.6	1.276	2.165	14.5	19.8
1 6	3 51.94	+26 3.6	1.370	2.183	18.4	20.1

116523 2004 BH_{46} 11 29.6 243°.74 6°.7/27.2 18

10 28	4 47.92	+ 3 28.0	2.038	2.869	12.9	20.1
11 7	4 42.19	+ 2 42.9	1.964	2.860	10.3	19.9
11 17	4 34.52	+ 2 7.1	1.915	2.851	7.8	19.7
11 27	4 25.65	+ 1 45.2	1.893	2.842	6.7	19.7
12 7	4 16.52	+ 1 40.3	1.899	2.833	7.8	19.7
12 17	4 8.09	+ 1 53.9	1.932	2.823	10.3	19.8
12 27	4 1.24	+ 2 25.3	1.990	2.813	13.1	20.0
1 6	3 56.58	+ 3 12.2	2.069	2.803	15.6	20.2

522079 2015 XH_{420} 11 29.7 270°.34 3°.6/28.3 18

10 28	4 46.67	+11 12.9	2.263	3.104	11.5	21.2
11 7	4 41.21	+10 49.2	2.179	3.090	8.6	21.0
11 17	4 33.94	+10 28.7	2.120	3.076	5.6	20.8
11 27	4 25.53	+10 14.1	2.089	3.062	3.6	20.7
12 7	4 16.83	+10 7.6	2.088	3.048	4.9	20.7
12 17	4 8.72	+10 10.7	2.115	3.034	8.0	20.9
12 27	4 2.03	+10 24.3	2.169	3.020	11.1	21.1
1 6	3 57.35	+10 48.2	2.246	3.006	13.8	21.2

49317 1998 VN_{24} 11 29.7 357°.62 0°.4/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.88	+19 12.7	1.406	2.264	16.1	17.0
11 7	4 46.07	+20 11.1	1.338	2.261	11.9	16.7
11 17	4 37.20	+21 11.4	1.292	2.259	6.9	16.4
11 27	4 26.27	+22 10.9	1.272	2.258	1.5	16.1
12 7	4 14.78	+23 6.7	1.279	2.257	4.0	16.3
12 17	4 4.34	+23 57.7	1.314	2.257	9.3	16.6
12 27	3 56.40	+24 44.7	1.373	2.259	13.9	16.9
1 6	3 51.83	+25 29.7	1.453	2.261	17.8	17.1

222043 1998 UM_{12} 11 29.7 341°.56 5°.9/30.6 17

10 28	4 51.52	+32 48.9	1.679	2.509	15.3	19.5
11 7	4 45.93	+34 12.2	1.599	2.497	12.1	19.2
11 17	4 37.24	+35 26.2	1.541	2.485	8.6	19.0
11 27	4 26.31	+36 24.7	1.510	2.474	6.2	18.8
12 7	4 14.58	+37 3.5	1.505	2.464	6.7	18.8
12 17	4 3.70	+37 22.4	1.527	2.455	9.7	19.0
12 27	3 55.19	+37 25.5	1.574	2.447	13.2	19.2
1 6	3 50.06	+37 19.1	1.642	2.440	16.5	19.4

391833 2008 SS_{148} 11 29.7 29°.85 3°.5/30.5 18

10 28	4 52.00	+27 49.5	1.202	2.062	18.2	19.7
11 7	4 46.38	+28 28.0	1.153	2.073	13.7	19.5
11 17	4 37.37	+28 55.1	1.124	2.086	8.6	19.2
11 27	4 26.28	+29 7.3	1.118	2.099	4.1	19.0
12 7	4 14.96	+29 4.7	1.138	2.114	5.1	19.1
12 17	4 5.25	+28 50.8	1.184	2.129	9.9	19.4
12 27	3 58.57	+28 31.8	1.252	2.145	14.4	19.8
1 6	3 55.61	+28 14.1	1.340	2.162	18.2	20.1

112285 2002 LN_{30} 11 29.7 234°.28 3°.9/28.3 18

10 28	4 51.41	+14 34.3	1.527	2.382	15.3	20.0
11 7	4 45.33	+13 45.5	1.455	2.375	11.4	19.8
11 17	4 36.57	+12 56.4	1.405	2.368	7.1	19.5
11 27	4 26.12	+12 11.3	1.382	2.361	4.0	19.3
12 7	4 15.32	+11 34.9	1.386	2.353	6.0	19.4
12 17	4 5.55	+11 11.3	1.417	2.345	10.4	19.7
12 27	3 58.02	+11 3.0	1.473	2.336	14.6	19.9
1 6	3 53.45	+11 10.5	1.549	2.328	18.2	20.1

477356 2009 UM_{85} 11 29.7 357°.36 1°.2/29.4 18

10 28	4 47.98	+19 24.7	1.123	1.999	18.0	20.8
11 7	4 43.59	+19 20.4	1.062	1.995	13.2	20.5
11 17	4 35.87	+19 13.3	1.022	1.992	7.7	20.2
11 27	4 26.01	+19 5.0	1.005	1.990	1.9	19.8
12 7	4 15.71	+18 57.9	1.012	1.990	4.9	20.0
12 17	4 6.76	+18 55.1	1.043	1.990	10.7	20.4
12 27	4 0.66	+18 59.9	1.097	1.992	15.8	20.7
1 6	3 58.18	+19 14.3	1.169	1.995	20.1	20.9

447859 2007 VM_{41} 11 29.7 67°.66 7°.1/ 3.2 16

10 28	4 56.54	+41 20.5	1.655	2.452	16.9	20.9
11 7	4 49.12	+41 34.7	1.603	2.473	13.7	20.8
11 17	4 38.65	+41 25.8	1.572	2.494	10.3	20.6
11 27	4 26.52	+40 50.4	1.565	2.515	7.7	20.5
12 7	4 14.48	+39 49.9	1.585	2.536	7.4	20.6
12 17	4 4.13	+38 30.6	1.633	2.557	9.5	20.7
12 27	3 56.69	+37 2.1	1.705	2.578	12.4	21.0
1 6	3 52.67	+35 33.8	1.801	2.599	15.3	21.2

454862 2015 SP_{18} 11 29.7 38°.87 1°.7/29.2 18

10 28	4 49.08	+17 24.4	1.675	2.528	14.2	20.7
11 7	4 43.36	+17 17.6	1.614	2.535	10.3	20.5
11 17	4 35.30	+17 10.5	1.576	2.542	6.0	20.3
11 27	4 25.85	+17 4.3	1.565	2.550	2.0	20.0
12 7	4 16.20	+17 1.0	1.583	2.557	4.1	20.2
12 17	4 7.57	+17 2.3	1.628	2.565	8.4	20.5
12 27	4 0.99	+17 10.2	1.698	2.574	12.3	20.7
1 6	3 57.06	+17 25.6	1.791	2.582	15.6	21.0

60689 2000 GG_{37} 11 29.7 111°.02 5°.0/28.4 18

10 28	4 56.11	+10 8.6	1.566	2.407	15.6	19.6
11 7	4 48.23	+ 9 35.5	1.521	2.432	11.7	19.5
11 17	4 37.94	+ 9 8.8	1.500	2.455	7.6	19.3
11 27	4 26.37	+ 8 52.1	1.506	2.478	5.0	19.2
12 7	4 14.88	+ 8 48.0	1.541	2.500	6.6	19.3
12 17	4 4.73	+ 8 57.7	1.603	2.521	10.1	19.6
12 27	3 56.93	+ 9 21.0	1.691	2.541	13.7	19.9
1 6	3 51.99	+ 9 56.2	1.799	2.560	16.7	20.1

520340 2014 GE_{62} 11 29.7 185°.66 0°.5/29.9 18

10 28	4 50.53	+24 22.2	2.003	2.840	12.9	21.7
11 7	4 44.22	+24 5.9	1.927	2.840	9.4	21.5
11 17	4 35.74	+23 42.6	1.877	2.840	5.5	21.3
11 27	4 25.94	+23 12.6	1.854	2.839	1.3	21.0
12 7	4 15.93	+22 38.1	1.861	2.838	3.1	21.1
12 17	4 6.81	+22 2.6	1.898	2.837	7.2	21.4
12 27	3 59.56	+21 30.0	1.961	2.835	11.0	21.6
1 6	3 54.78	+21 3.6	2.048	2.834	14.1	21.8

13076 1991 VT_3 11 29.7 55°.33 1°.4/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.69	+22 22.1	1.464	2.320	15.7	16.7
11 7	4 44.53	+21 8.2	1.415	2.338	11.4	16.5
11 17	4 35.89	+19 46.2	1.390	2.357	6.5	16.3
11 27	4 25.94	+18 20.9	1.391	2.376	1.8	16.0
12 7	4 16.11	+16 58.9	1.420	2.395	4.4	16.2
12 17	4 7.68	+15 46.9	1.477	2.415	9.1	16.6
12 27	4 1.63	+14 49.9	1.560	2.435	13.2	16.9
1 6	3 58.46	+14 10.3	1.663	2.454	16.6	17.1

511734 2015 DP_{48} 11 29.7 275°.82 0°.7/29.9 18

10 28	4 53.55	+23 8.7	1.361	2.216	16.8	21.7
11 7	4 47.33	+23 18.5	1.293	2.214	12.4	21.4
11 17	4 37.92	+23 22.1	1.247	2.213	7.3	21.1
11 27	4 26.46	+23 18.6	1.226	2.212	1.8	20.8
12 7	4 14.56	+23 9.0	1.233	2.210	4.2	21.0
12 17	4 3.92	+22 56.2	1.265	2.209	9.6	21.3
12 27	3 55.99	+22 45.2	1.322	2.208	14.4	21.5
1 6	3 51.55	+22 39.9	1.399	2.207	18.4	21.8

311111 2004 KK_{12} 11 29.7 220°.57 3°.5/28.5 18

10 28	4 48.58	+11 22.2	2.160	3.000	12.0	20.5
11 7	4 42.62	+11 5.9	2.084	2.995	8.9	20.3
11 17	4 34.77	+10 53.4	2.033	2.990	5.7	20.1
11 27	4 25.75	+10 46.9	2.010	2.985	3.6	19.9
12 7	4 16.48	+10 48.3	2.017	2.979	4.9	20.0
12 17	4 7.89	+10 58.8	2.052	2.973	8.0	20.2
12 27	4 0.85	+11 19.1	2.115	2.967	11.2	20.4
1 6	3 55.95	+11 48.6	2.200	2.961	14.0	20.6

172100 2002 FO_8 11 29.7 237°.76 0°.6/29.9 18

10 28	4 53.58	+24 34.6	1.574	2.419	15.4	20.4
11 7	4 47.11	+24 18.1	1.492	2.409	11.4	20.2
11 17	4 37.72	+23 52.4	1.434	2.398	6.7	19.9
11 27	4 26.42	+23 17.6	1.402	2.387	1.7	19.5
12 7	4 14.66	+22 36.1	1.398	2.376	3.9	19.7
12 17	4 3.97	+21 52.7	1.423	2.364	9.0	19.9
12 27	3 55.67	+21 13.1	1.472	2.352	13.6	20.2
1 6	3 50.56	+20 42.1	1.543	2.339	17.5	20.4

225315 1997 LS_1 11 29.7 245°.49 5°.1/28.4 18

10 28	4 51.37	+ 9 45.1	1.584	2.433	15.1	20.5
11 7	4 45.23	+ 9 22.4	1.513	2.427	11.5	20.2
11 17	4 36.52	+ 9 6.3	1.465	2.421	7.6	20.0
11 27	4 26.16	+ 9 0.5	1.443	2.415	5.1	19.8
12 7	4 15.44	+ 9 7.6	1.448	2.409	6.7	19.9
12 17	4 5.66	+ 9 28.8	1.480	2.402	10.5	20.1
12 27	3 58.01	+10 4.0	1.537	2.396	14.3	20.3
1 6	3 53.20	+10 51.7	1.615	2.389	17.7	20.6

157277 2004 RP_{231} 11 29.7 283°.91 0°.3/29.5 17

10 28	4 47.40	+21 40.6	2.128	2.971	12.0	20.5
11 7	4 41.88	+21 24.7	2.050	2.966	8.8	20.3
11 17	4 34.39	+21 4.3	1.996	2.961	5.1	20.1
11 27	4 25.69	+20 40.4	1.971	2.956	1.1	19.8
12 7	4 16.75	+20 15.0	1.975	2.951	3.1	19.9
12 17	4 8.56	+19 50.8	2.008	2.946	7.0	20.2
12 27	4 2.00	+19 30.7	2.068	2.942	10.5	20.4
1 6	3 57.67	+19 17.1	2.152	2.937	13.5	20.6

455654 2005 AS_{53} 11 29.7 275°.53 4°.9/27.5 18

10 28	4 45.49	+ 6 51.1	2.403	3.238	11.1	21.2
11 7	4 40.27	+ 6 14.3	2.319	3.222	8.6	21.1
11 17	4 33.40	+ 5 43.1	2.260	3.205	6.2	20.9
11 27	4 25.48	+ 5 20.9	2.229	3.189	4.9	20.8
12 7	4 17.30	+ 5 10.3	2.228	3.173	6.0	20.8
12 17	4 9.65	+ 5 13.0	2.254	3.156	8.5	20.9
12 27	4 3.30	+ 5 29.3	2.307	3.139	11.2	21.1
1 6	3 58.79	+ 5 58.2	2.382	3.123	13.6	21.2

25705 2000 AU_{128} 11 29.7 176°.20 7°.9/25.8 18

10 28	4 45.31	− 6 52.3	2.777	3.564	11.1	19.0
11 7	4 39.82	− 7 40.8	2.719	3.566	9.5	18.9
11 17	4 32.99	− 8 16.0	2.685	3.567	8.3	18.8
11 27	4 25.38	− 8 34.0	2.678	3.568	7.9	18.8
12 7	4 17.67	− 8 32.6	2.698	3.568	8.5	18.8
12 17	4 10.51	− 8 11.6	2.743	3.568	9.8	18.9
12 27	4 4.52	− 7 32.3	2.813	3.568	11.4	19.0
1 6	4 0.13	− 6 37.6	2.904	3.568	12.9	19.1

33558 1999 JN_{22} 11 29.7 278°.90 3°.4/30.5 18 R

10 28	4 54.56	+28 11.5	1.362	2.210	17.2	18.5
11 7	4 48.39	+28 44.2	1.287	2.202	13.1	18.2
11 17	4 38.74	+29 6.6	1.234	2.193	8.3	17.9
11 27	4 26.70	+29 15.0	1.205	2.185	4.0	17.7
12 7	4 14.00	+29 8.3	1.202	2.177	5.1	17.7
12 17	4 2.51	+28 49.3	1.226	2.169	9.9	18.0
12 27	3 53.89	+28 24.4	1.274	2.161	14.7	18.2
1 6	3 49.05	+28 0.6	1.342	2.153	18.8	18.5

298450 2003 UH_{68} 11 29.7 346°.90 6°.2/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.05	+11 5.9	1.414	2.279	15.6	20.2
11 7	4 41.49	+ 9 44.5	1.350	2.273	11.9	20.0
11 17	4 34.38	+ 8 25.7	1.309	2.267	8.1	19.7
11 27	4 25.72	+ 7 16.7	1.293	2.263	6.2	19.6
12 7	4 16.78	+ 6 24.3	1.303	2.259	8.0	19.7
12 17	4 8.90	+ 5 53.2	1.338	2.256	11.8	19.9
12 27	4 3.18	+ 5 45.1	1.396	2.253	15.6	20.1
1 6	4 0.30	+ 5 58.4	1.473	2.252	19.0	20.4

217142 2002 JY_{74} 11 29.7 165°.07 0°.6/29.4 17

10 28	4 53.84	+21 43.6	1.750	2.591	14.2	21.4
11 7	4 46.79	+21 15.7	1.681	2.597	10.4	21.2
11 17	4 37.29	+20 41.8	1.636	2.601	6.0	20.9
11 27	4 26.33	+20 3.3	1.620	2.605	1.3	20.6
12 7	4 15.19	+19 23.3	1.632	2.608	3.7	20.8
12 17	4 5.16	+18 45.8	1.674	2.611	8.2	21.1
12 27	3 57.29	+18 15.2	1.742	2.613	12.3	21.3
1 6	3 52.21	+17 54.3	1.832	2.614	15.7	21.6

268212 2005 BQ_{49} 11 29.7 234°.56 3°.9/28.0 17

10 28	4 45.65	+ 9 30.8	2.453	3.291	10.8	21.0
11 7	4 40.30	+ 9 3.4	2.379	3.287	8.1	20.8
11 17	4 33.37	+ 8 40.2	2.331	3.283	5.5	20.7
11 27	4 25.49	+ 8 23.9	2.311	3.279	3.9	20.6
12 7	4 17.43	+ 8 16.6	2.320	3.275	5.0	20.6
12 17	4 9.96	+ 8 19.6	2.359	3.271	7.6	20.8
12 27	4 3.80	+ 8 33.3	2.424	3.267	10.3	21.0
1 6	3 59.45	+ 8 57.3	2.513	3.263	12.7	21.1

150957 2001 TS_{140} 11 29.7 45°.78 0°.6/29.5 18

10 28	4 49.80	+19 49.9	1.695	2.546	14.2	19.9
11 7	4 43.91	+19 53.5	1.634	2.555	10.3	19.7
11 17	4 35.65	+19 54.7	1.598	2.564	5.9	19.4
11 27	4 25.99	+19 54.1	1.588	2.574	1.4	19.1
12 7	4 16.14	+19 52.8	1.607	2.584	3.6	19.3
12 17	4 7.34	+19 52.9	1.654	2.594	8.0	19.6
12 27	4 0.60	+19 56.6	1.726	2.605	12.0	19.9
1 6	3 56.55	+20 5.9	1.821	2.615	15.2	20.1

328401 2008 SO_{30} 11 29.7 75°.41 2°.6/30.9 17

10 28	4 48.93	+31 3.1	2.274	3.096	12.1	20.8
11 7	4 42.85	+30 59.3	2.210	3.109	9.1	20.6
11 17	4 34.87	+30 44.8	2.171	3.123	5.9	20.4
11 27	4 25.80	+30 19.3	2.159	3.136	3.0	20.3
12 7	4 16.66	+29 44.2	2.177	3.150	3.5	20.3
12 17	4 8.43	+29 2.6	2.225	3.163	6.4	20.5
12 27	4 1.94	+28 18.9	2.300	3.176	9.5	20.7
1 6	3 57.69	+27 37.3	2.400	3.190	12.2	20.9

470541 2008 EP_{10} 11 29.7 1°.19 5°.6/28.5 18

10 28	4 49.49	+10 52.4	1.147	2.018	18.1	20.3
11 7	4 44.49	+10 23.8	1.090	2.017	13.6	20.0
11 17	4 36.32	+10 2.8	1.053	2.016	8.9	19.7
11 27	4 26.17	+ 9 54.0	1.040	2.016	5.7	19.6
12 7	4 15.66	+10 1.1	1.050	2.016	7.6	19.7
12 17	4 6.46	+10 25.5	1.085	2.018	12.2	19.9
12 27	3 59.98	+11 6.6	1.142	2.020	16.7	20.2
1 6	3 56.96	+12 1.6	1.217	2.023	20.6	20.5

30141 Nelvenzon 11 29.7 106°.61 2°.7/28.7 18 R

10 28	4 51.63	+17 9.0	1.625	2.476	14.7	19.3
11 7	4 45.14	+16 21.1	1.569	2.489	10.7	19.1
11 17	4 36.29	+15 31.5	1.537	2.502	6.3	18.9
11 27	4 26.11	+14 43.6	1.532	2.514	2.8	18.7
12 7	4 15.89	+14 1.7	1.555	2.526	4.9	18.9
12 17	4 6.83	+13 29.5	1.607	2.538	9.1	19.2
12 27	3 59.95	+13 10.0	1.683	2.549	12.9	19.4
1 6	3 55.81	+13 4.0	1.781	2.560	16.2	19.7

581 Tauntonia 11 29.7 297°.97 6°.1/28.0 18

10 28	4 47.62	+ 1 25.0	2.353	3.173	11.8	14.8
11 7	4 41.76	+ 1 15.6	2.282	3.170	9.4	14.6
11 17	4 34.23	+ 1 17.3	2.236	3.167	7.2	14.5
11 27	4 25.69	+ 1 32.8	2.218	3.164	6.1	14.4
12 7	4 16.95	+ 2 3.4	2.228	3.161	6.9	14.5
12 17	4 8.84	+ 2 48.9	2.267	3.158	9.0	14.6
12 27	4 2.11	+ 3 47.6	2.332	3.155	11.4	14.7
1 6	3 57.29	+ 4 57.0	2.420	3.152	13.7	14.9

398002 2009 BE_{179} 11 29.7 309°.42 6°.0/28.5 18

10 28	4 50.16	+ 6 7.8	1.671	2.514	14.7	20.3
11 7	4 44.25	+ 5 57.4	1.599	2.507	11.4	20.1
11 17	4 35.94	+ 5 57.6	1.550	2.500	8.0	19.9
11 27	4 26.08	+ 6 12.0	1.528	2.493	6.0	19.8
12 7	4 15.86	+ 6 42.2	1.533	2.487	7.2	19.8
12 17	4 6.51	+ 7 28.2	1.565	2.481	10.5	20.0
12 27	3 59.12	+ 8 28.4	1.622	2.475	14.0	20.2
1 6	3 54.39	+ 9 39.7	1.700	2.469	17.2	20.4

487328 2014 QV_{171} 11 29.7 50°.50 4°.3/ 1.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.75	+33 58.2	2.025	2.842	13.5	21.6
11 7	4 44.60	+34 19.4	1.955	2.847	10.5	21.4
11 17	4 36.08	+34 27.6	1.908	2.851	7.3	21.2
11 27	4 26.10	+34 20.4	1.887	2.856	4.7	21.1
12 7	4 15.89	+33 58.2	1.896	2.861	4.9	21.1
12 17	4 6.66	+33 23.7	1.932	2.866	7.6	21.3
12 27	3 59.47	+32 42.3	1.995	2.871	10.7	21.5
1 6	3 54.95	+31 59.5	2.082	2.876	13.6	21.7

274001 2007 PG_{1} 11 29.7 316°.75 0°.2/29.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.34	+22 11.5	2.333	3.173	11.2	20.8
11 7	4 40.95	+21 50.6	2.257	3.172	8.1	20.6
11 17	4 33.80	+21 25.0	2.206	3.171	4.7	20.4
11 27	4 25.61	+20 55.9	2.184	3.170	1.0	20.2
12 7	4 17.24	+20 25.4	2.192	3.169	2.8	20.3
12 17	4 9.58	+19 55.9	2.229	3.168	6.4	20.5
12 27	4 3.40	+19 30.5	2.294	3.166	9.7	20.7
1 6	3 59.24	+19 11.5	2.383	3.165	12.5	20.9

188232 2002 TP_{364} 11 29.7 212°.25 4°.0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.26	+13 23.8	1.633	2.483	14.7	21.3
11 7	4 45.07	+12 44.2	1.562	2.480	10.9	21.0
11 17	4 36.41	+12 6.2	1.515	2.476	6.9	20.8
11 27	4 26.19	+11 33.6	1.495	2.472	4.0	20.6
12 7	4 15.68	+11 10.2	1.503	2.468	5.9	20.7
12 17	4 6.15	+10 58.9	1.538	2.463	9.9	20.9
12 27	3 58.71	+11 1.6	1.598	2.458	13.8	21.2
1 6	3 54.04	+11 17.9	1.678	2.453	17.2	21.4

66087 1998 RW_{69} 11 29.7 45°.15 1°.5/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.57	+18 23.1	1.737	2.590	13.8	19.0
11 7	4 42.75	+18 6.0	1.692	2.613	10.0	18.8
11 17	4 34.85	+17 47.4	1.671	2.637	5.7	18.6
11 27	4 25.81	+17 29.2	1.677	2.661	1.8	18.4
12 7	4 16.80	+17 13.6	1.711	2.685	3.8	18.6
12 17	4 8.88	+17 3.0	1.773	2.710	7.8	18.9
12 27	4 2.94	+16 59.5	1.861	2.735	11.4	19.1
1 6	3 59.46	+17 3.9	1.971	2.760	14.4	19.4

66597 1999 RA_{181} 11 29.7 108°.12 3°.1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.95	+13 35.1	2.015	2.854	12.8	20.4
11 7	4 44.90	+13 6.2	1.966	2.878	9.3	20.2
11 17	4 35.98	+12 39.5	1.941	2.901	5.8	20.0
11 27	4 26.06	+12 17.3	1.946	2.924	3.2	19.9
12 7	4 16.16	+12 2.1	1.980	2.946	4.7	20.0
12 17	4 7.27	+11 55.5	2.044	2.967	7.9	20.3
12 27	4 0.18	+11 58.7	2.134	2.987	11.1	20.5
1 6	3 55.38	+12 11.7	2.248	3.007	13.8	20.7

223411 2003 SL_{182} 11 29.7 253°.61 1°.9/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.25	+17 49.7	2.261	3.105	11.3	20.0
11 7	4 40.87	+17 7.3	2.186	3.103	8.3	19.8
11 17	4 33.76	+16 22.4	2.137	3.101	4.9	19.6
11 27	4 25.61	+15 37.7	2.116	3.099	2.0	19.4
12 7	4 17.30	+14 56.2	2.126	3.097	3.7	19.5
12 17	4 9.70	+14 20.9	2.164	3.094	7.1	19.8
12 27	4 3.59	+13 54.4	2.230	3.092	10.3	20.0
1 6	3 59.48	+13 38.3	2.319	3.090	13.1	20.1

58105 1979 MN_{8} 11 29.7 41°.70 1°.6/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.62	+18 38.5	1.944	2.795	12.6	19.3
11 7	4 41.27	+18 10.3	1.888	2.808	9.2	19.1
11 17	4 34.00	+17 40.1	1.856	2.822	5.3	18.9
11 27	4 25.65	+17 9.9	1.852	2.836	1.8	18.7
12 7	4 17.24	+16 42.4	1.877	2.851	3.7	18.9
12 17	4 9.74	+16 20.5	1.930	2.866	7.4	19.2
12 27	4 3.98	+16 6.3	2.010	2.881	10.9	19.4
1 6	4 0.47	+16 1.2	2.112	2.897	13.8	19.6

295732 2008 UP_{64} 11 29.7 143°.17 0°.2/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.79	+20 54.2	2.772	3.604	9.9	21.1
11 7	4 41.73	+20 58.1	2.701	3.612	7.2	21.0
11 17	4 34.15	+20 59.5	2.657	3.620	4.1	20.8
11 27	4 25.69	+20 58.7	2.643	3.628	0.9	20.6
12 7	4 17.09	+20 56.4	2.659	3.636	2.4	20.7
12 17	4 9.10	+20 53.9	2.707	3.643	5.5	20.9
12 27	4 2.40	+20 52.9	2.783	3.649	8.4	21.1
1 6	3 57.47	+20 54.9	2.884	3.656	10.8	21.3

218188 2002 TG_{67} 11 29.7 336°.81 19°.7/ 9.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 4.72	+62 20.5	1.303	2.012	24.8	19.1
11 7	4 59.51	+64 4.3	1.238	2.000	23.2	19.0
11 17	4 46.88	+65 9.7	1.186	1.989	21.7	18.8
11 27	4 28.64	+65 20.2	1.148	1.978	20.4	18.7
12 7	4 9.14	+64 26.0	1.127	1.969	19.8	18.6
12 17	3 53.24	+62 29.2	1.122	1.960	20.0	18.6
12 27	3 44.14	+59 45.0	1.136	1.953	21.2	18.7
1 6	3 42.38	+56 34.0	1.167	1.947	22.9	18.8

281172 2007 EM_{48} 11 29.7 263°.92 0°.8/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.46	+20 20.9	1.649	2.498	14.6	21.4
11 7	4 45.46	+20 12.3	1.566	2.486	10.7	21.1
11 17	4 36.77	+19 59.9	1.507	2.473	6.3	20.8
11 27	4 26.31	+19 44.4	1.475	2.460	1.5	20.5
12 7	4 15.35	+19 27.8	1.471	2.447	3.9	20.6
12 17	4 5.29	+19 13.0	1.494	2.434	8.8	20.9
12 27	3 57.38	+19 3.5	1.544	2.421	13.2	21.1
1 6	3 52.40	+19 1.9	1.614	2.407	17.0	21.3

140017 2001 SE_{51} 11 29.7 138°.55 4°.2/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.93	+34 2.5	2.302	3.107	12.5	20.3
11 7	4 46.68	+34 37.0	2.233	3.117	9.7	20.1
11 17	4 37.20	+34 59.9	2.188	3.127	6.8	20.0
11 27	4 26.36	+35 8.5	2.171	3.137	4.5	19.9
12 7	4 15.28	+35 2.3	2.184	3.146	4.7	19.9
12 17	4 5.11	+34 43.3	2.227	3.154	7.1	20.1
12 27	3 56.85	+34 15.9	2.297	3.162	9.9	20.3
1 6	3 51.11	+33 45.2	2.391	3.170	12.5	20.4

404613 2014 GD_{8} 11 29.7 252°.13 5°.6/27.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.19	+ 8 38.3	1.835	2.680	13.5	21.1
11 7	4 42.60	+ 7 42.4	1.763	2.674	10.4	20.9
11 17	4 34.90	+ 6 51.6	1.716	2.667	7.3	20.7
11 27	4 25.89	+ 6 10.7	1.696	2.661	5.6	20.6
12 7	4 16.62	+ 5 43.8	1.704	2.654	7.0	20.7
12 17	4 8.16	+ 5 33.7	1.739	2.647	10.1	20.9
12 27	4 1.48	+ 5 41.1	1.798	2.640	13.4	21.1
1 6	3 57.17	+ 6 4.6	1.878	2.633	16.3	21.2

304119 2006 JD_{40} 11 29.7 346°.55 0°.0/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.04	+26 28.2	1.556	2.407	15.2	19.3
11 7	4 43.62	+25 13.9	1.483	2.403	11.2	19.1
11 17	4 35.59	+23 44.9	1.433	2.399	6.5	18.8
11 27	4 26.04	+22 4.7	1.410	2.395	1.4	18.4
12 7	4 16.32	+20 20.1	1.415	2.393	3.8	18.6
12 17	4 7.79	+18 39.4	1.448	2.390	8.8	18.9
12 27	4 1.55	+17 10.6	1.508	2.388	13.2	19.2
1 6	3 58.22	+15 58.9	1.588	2.387	16.9	19.4

219211 1999 VS_{74} 11 29.7 207°.89 3°.6/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.60	+31 10.5	2.208	3.027	12.5	20.4
11 7	4 45.14	+31 49.7	2.130	3.026	9.6	20.2
11 17	4 36.42	+32 19.8	2.077	3.025	6.4	20.0
11 27	4 26.23	+32 38.1	2.052	3.024	3.9	19.8
12 7	4 15.68	+32 43.7	2.056	3.023	4.3	19.9
12 17	4 5.90	+32 37.9	2.089	3.021	7.2	20.0
12 27	3 57.95	+32 24.4	2.149	3.020	10.3	20.2
1 6	3 52.50	+32 7.7	2.233	3.019	13.1	20.4

33347 Maryzhu 11 29.7 291°.72 1°.3/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.66	+24 41.9	1.500	2.351	15.7	18.4
11 7	4 46.02	+24 51.2	1.415	2.334	11.7	18.1
11 17	4 37.31	+24 53.3	1.353	2.317	7.1	17.8
11 27	4 26.48	+24 46.8	1.316	2.300	2.1	17.5
12 7	4 14.98	+24 32.3	1.306	2.283	4.0	17.5
12 17	4 4.43	+24 12.7	1.323	2.266	9.2	17.8
12 27	3 56.29	+23 53.1	1.364	2.250	14.0	18.0
1 6	3 51.48	+23 38.3	1.426	2.233	18.1	18.3

25804 2000 CC_{89} 11 29.7 78°.88 1°.9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.36	+15 58.3	2.281	3.124	11.3	18.3
11 7	4 41.58	+15 47.7	2.222	3.137	8.2	18.1
11 17	4 34.12	+15 37.6	2.188	3.151	4.9	17.9
11 27	4 25.71	+15 29.4	2.182	3.164	2.0	17.7
12 7	4 17.20	+15 24.7	2.207	3.178	3.5	17.9
12 17	4 9.46	+15 24.7	2.260	3.192	6.8	18.1
12 27	4 3.21	+15 30.7	2.342	3.205	9.9	18.3
1 6	3 58.96	+15 43.4	2.446	3.219	12.5	18.5

248169 2004 XP_{59} 11 29.7 300°.12 2°.1/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.30	+14 15.1	2.109	2.951	12.2	19.9
11 7	4 43.41	+14 33.5	2.021	2.935	9.0	19.7
11 17	4 35.42	+14 55.5	1.958	2.920	5.4	19.4
11 27	4 26.03	+15 21.6	1.923	2.905	2.3	19.2
12 7	4 16.21	+15 51.9	1.918	2.890	3.9	19.3
12 17	4 6.99	+16 26.5	1.943	2.876	7.6	19.5
12 27	3 59.34	+17 5.8	1.995	2.861	11.2	19.7
1 6	3 53.94	+17 49.6	2.070	2.847	14.3	19.9

411175 2010 FJ_{34} 11 29.7 240°.49 3°.4/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.35	+31 17.5	2.560	3.371	11.2	20.6
11 7	4 44.78	+32 3.9	2.474	3.365	8.6	20.4
11 17	4 36.17	+32 42.6	2.413	3.358	5.8	20.2
11 27	4 26.20	+33 10.9	2.381	3.351	3.6	20.1
12 7	4 15.81	+33 27.7	2.380	3.345	4.1	20.1
12 17	4 6.02	+33 33.6	2.409	3.338	6.6	20.2
12 27	3 57.77	+33 31.2	2.465	3.330	9.4	20.4
1 6	3 51.73	+33 24.3	2.547	3.323	11.9	20.6

118629 2000 HC_{42} 11 29.7 62°.47 1°.0/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.05	+24 18.2	1.353	2.207	16.9	19.2
11 7	4 47.34	+24 19.0	1.308	2.228	12.4	19.0
11 17	4 37.72	+24 11.5	1.284	2.250	7.2	18.7
11 27	4 26.49	+23 55.7	1.286	2.271	1.9	18.5
12 7	4 15.27	+23 33.8	1.315	2.293	3.9	18.7
12 17	4 5.60	+23 9.9	1.371	2.315	8.9	19.0
12 27	3 58.65	+22 48.9	1.451	2.337	13.3	19.3
1 6	3 55.00	+22 34.5	1.552	2.358	16.9	19.6

162272 1999 VQ_{9} 11 29.7 359°.62 1°.8/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 42.42	+20 45.0	1.032	1.920	18.2	17.5
11 7	4 39.68	+19 59.8	0.976	1.915	13.4	17.2
11 17	4 33.70	+19 6.9	0.939	1.911	7.7	16.9
11 27	4 25.69	+18 11.0	0.924	1.910	2.3	16.6
12 7	4 17.36	+17 18.4	0.933	1.910	5.3	16.8
12 17	4 10.40	+16 35.8	0.965	1.913	11.1	17.1
12 27	4 6.22	+16 8.5	1.017	1.918	16.2	17.4
1 6	4 5.52	+15 58.2	1.088	1.925	20.5	17.7

512490 2016 QO_{84} 11 29.7 197°.19 3°.2/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.11	+30 31.7	1.590	2.423	15.9	21.4
11 7	4 48.27	+30 29.3	1.515	2.421	12.1	21.1
11 17	4 38.43	+30 12.6	1.464	2.419	7.7	20.9
11 27	4 26.70	+29 39.9	1.438	2.417	3.7	20.7
12 7	4 14.65	+28 52.8	1.440	2.414	4.5	20.7
12 17	4 3.84	+27 56.2	1.470	2.411	8.8	20.9
12 27	3 55.61	+26 57.7	1.526	2.408	13.0	21.2
1 6	3 50.69	+26 4.2	1.604	2.404	16.7	21.4

340952 2007 EN_{75} 11 29.7 188°.09 2°.3/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.28	+27 38.4	1.696	2.533	14.8	21.0
11 7	4 46.74	+27 48.9	1.623	2.533	11.1	20.8
11 17	4 37.48	+27 49.6	1.573	2.533	6.9	20.5
11 27	4 26.50	+27 38.9	1.550	2.532	2.9	20.3
12 7	4 15.18	+27 17.7	1.556	2.531	3.9	20.3
12 17	4 4.93	+26 49.2	1.589	2.530	8.2	20.6
12 27	3 57.00	+26 18.7	1.649	2.529	12.3	20.8
1 6	3 52.09	+25 51.2	1.730	2.527	15.8	21.1

229387 2005 SG_{70} 11 29.7 25°.50 0°.5/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.65	+23 33.8	1.078	1.952	18.8	19.9
11 7	4 44.77	+23 26.7	1.031	1.962	13.7	19.6
11 17	4 36.52	+23 11.1	1.005	1.974	8.0	19.3
11 27	4 26.28	+22 47.7	1.001	1.986	1.9	19.0
12 7	4 15.91	+22 19.7	1.022	2.000	4.4	19.2
12 17	4 7.20	+21 52.2	1.067	2.015	10.2	19.6
12 27	4 1.51	+21 30.6	1.134	2.032	15.2	20.0
1 6	3 59.46	+21 18.6	1.220	2.048	19.3	20.3

253413 2003 QF_{30} 11 29.7 44°.06 5°.1/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.63	+10 28.0	0.983	1.855	20.3	19.4
11 7	4 48.14	+10 34.0	0.952	1.879	15.0	19.2
11 17	4 38.29	+10 50.9	0.940	1.904	9.4	19.0
11 27	4 26.62	+11 20.4	0.951	1.929	5.3	18.9
12 7	4 15.10	+12 2.4	0.986	1.956	7.1	19.0
12 17	4 5.48	+12 55.5	1.045	1.983	11.9	19.4
12 27	3 59.07	+13 57.3	1.126	2.010	16.5	19.8
1 6	3 56.37	+15 5.1	1.226	2.038	20.2	20.1

135947 2002 TC_{212} 11 29.7 301°.32 7°.2/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.23	+ 2 25.9	1.814	2.647	14.2	19.7
11 7	4 43.35	+ 1 56.3	1.750	2.646	11.3	19.5
11 17	4 35.34	+ 1 39.0	1.708	2.644	8.6	19.4
11 27	4 26.03	+ 1 38.5	1.693	2.642	7.3	19.3
12 7	4 16.49	+ 1 57.1	1.704	2.641	8.3	19.3
12 17	4 7.79	+ 2 35.1	1.743	2.639	10.9	19.5
12 27	4 0.88	+ 3 30.4	1.806	2.638	13.8	19.7
1 6	3 56.39	+ 4 39.7	1.890	2.636	16.5	19.9

59992 1999 SZ_{18} 11 29.7 66°.85 1°.3/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.92	+17 2.5	1.995	2.839	12.7	18.7
11 7	4 43.73	+17 15.5	1.933	2.849	9.2	18.5
11 17	4 35.50	+17 29.1	1.895	2.860	5.4	18.3
11 27	4 26.06	+17 43.5	1.886	2.871	1.6	18.1
12 7	4 16.45	+17 59.3	1.907	2.882	3.5	18.2
12 17	4 7.69	+18 17.2	1.956	2.893	7.3	18.5
12 27	4 0.71	+18 38.3	2.033	2.904	10.8	18.7
1 6	3 56.06	+19 3.5	2.133	2.915	13.7	19.0

69192 3172 T_{-1} 11 29.7 12°.86 10°.6/ 2.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.34	+41 58.2	1.267	2.087	19.9	17.5
11 7	4 48.21	+43 26.5	1.213	2.091	16.6	17.3
11 17	4 38.93	+44 30.7	1.178	2.097	13.4	17.1
11 27	4 26.88	+45 1.6	1.164	2.103	11.0	17.0
12 7	4 14.25	+44 55.6	1.173	2.112	10.9	17.1
12 17	4 3.37	+44 16.4	1.204	2.121	12.9	17.2
12 27	3 56.09	+43 14.6	1.258	2.132	15.8	17.4
1 6	3 53.26	+42 2.5	1.331	2.144	18.8	17.6

30242 Naymark 11 29.7 15°.78 2°.6/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.21	+25 29.4	1.322	2.177	17.2	18.3
11 7	4 47.29	+26 12.9	1.259	2.178	12.8	18.0
11 17	4 38.07	+26 49.4	1.218	2.181	7.9	17.8
11 27	4 26.68	+27 15.5	1.201	2.184	3.2	17.5
12 7	4 14.82	+27 29.9	1.211	2.187	4.6	17.6
12 17	4 4.27	+27 34.4	1.247	2.191	9.6	17.9
12 27	3 56.53	+27 33.6	1.307	2.196	14.2	18.2
1 6	3 52.41	+27 32.8	1.387	2.201	18.2	18.5

404932 2014 LG_{22} 11 29.7 213°.23 5°.2/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.45	+ 6 48.8	2.119	2.952	12.4	21.7
11 7	4 43.32	+ 6 21.3	2.044	2.947	9.6	21.5
11 17	4 35.27	+ 6 1.0	1.995	2.941	6.8	21.3
11 27	4 26.04	+ 5 51.0	1.973	2.935	5.2	21.2
12 7	4 16.55	+ 5 53.6	1.980	2.929	6.3	21.3
12 17	4 7.76	+ 6 10.1	2.015	2.922	9.1	21.5
12 27	4 0.55	+ 6 40.0	2.077	2.914	12.0	21.6
1 6	3 55.49	+ 7 22.0	2.161	2.907	14.7	21.8

189960 2003 UE_{75} 11 29.7 187°.17 0°.2/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.29	+24 2.9	2.365	3.201	11.2	19.9
11 7	4 41.64	+23 36.0	2.288	3.201	8.2	19.7
11 17	4 34.24	+23 2.7	2.237	3.201	4.8	19.5
11 27	4 25.80	+22 24.3	2.215	3.200	1.1	19.2
12 7	4 17.21	+21 43.0	2.223	3.200	2.7	19.3
12 17	4 9.35	+21 1.8	2.261	3.199	6.3	19.6
12 27	4 3.01	+20 24.3	2.326	3.199	9.5	19.8
1 6	3 58.70	+19 53.2	2.416	3.198	12.3	20.0

495072 2011 GB_{14} 11 29.7 270°.01 0°.3/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.88	+23 40.0	2.441	3.277	10.9	21.9
11 7	4 41.42	+23 24.4	2.351	3.264	8.0	21.7
11 17	4 34.18	+23 3.2	2.287	3.250	4.7	21.5
11 27	4 25.82	+22 37.1	2.252	3.237	1.1	21.2
12 7	4 17.19	+22 7.7	2.246	3.223	2.7	21.3
12 17	4 9.16	+21 37.5	2.271	3.210	6.3	21.5
12 27	4 2.57	+21 9.6	2.324	3.196	9.5	21.7
1 6	3 57.97	+20 46.7	2.400	3.182	12.4	21.9

103266 2000 AT_{26} 11 29.7 318°.84 3°.4/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.20	+33 12.7	2.175	2.994	12.7	19.3
11 7	4 43.35	+33 5.6	2.096	2.991	9.8	19.1
11 17	4 35.35	+32 45.5	2.041	2.989	6.5	18.9
11 27	4 26.07	+32 11.5	2.013	2.987	3.8	18.7
12 7	4 16.58	+31 24.9	2.015	2.984	4.0	18.8
12 17	4 7.99	+30 29.4	2.045	2.982	6.9	18.9
12 27	4 1.23	+29 30.3	2.103	2.980	10.2	19.1
1 6	3 56.90	+28 33.1	2.184	2.978	13.1	19.3

449175 2013 BL_{63} 11 29.7 315°.50 2°.6/30.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.31	+28 7.6	1.499	2.349	15.8	21.1
11 7	4 44.41	+28 13.2	1.411	2.328	12.0	20.8
11 17	4 36.45	+28 7.4	1.345	2.307	7.5	20.5
11 27	4 26.38	+27 48.5	1.304	2.286	3.2	20.2
12 7	4 15.64	+27 17.3	1.289	2.266	4.4	20.2
12 17	4 5.83	+26 37.5	1.301	2.247	9.2	20.4
12 27	3 58.44	+25 55.6	1.337	2.228	13.9	20.7
1 6	3 54.38	+25 17.9	1.394	2.210	18.0	20.9

286965 2002 PV_{192} 11 29.7 24°.02 6°.2/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.30	+ 5 1.3	2.047	2.887	12.6	20.7
11 7	4 40.27	+ 4 12.4	1.988	2.890	9.8	20.5
11 17	4 33.47	+ 3 32.0	1.954	2.895	7.3	20.4
11 27	4 25.66	+ 3 4.2	1.946	2.899	6.2	20.3
12 7	4 17.71	+ 2 52.1	1.965	2.904	7.2	20.4
12 17	4 10.51	+ 2 57.1	2.012	2.909	9.6	20.6
12 27	4 4.85	+ 3 18.8	2.083	2.914	12.3	20.8
1 6	4 1.22	+ 3 55.0	2.176	2.919	14.7	20.9

272009 2005 CN_{69} 11 29.7 332°.79 1°.7/30.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.25	+27 20.5	2.004	2.843	12.8	21.0
11 7	4 42.05	+27 15.1	1.923	2.835	9.6	20.8
11 17	4 34.68	+27 0.8	1.867	2.828	5.8	20.6
11 27	4 25.94	+26 37.4	1.838	2.821	2.2	20.3
12 7	4 16.91	+26 6.5	1.838	2.814	3.3	20.4
12 17	4 8.70	+25 31.1	1.866	2.808	7.1	20.6
12 27	4 2.28	+24 55.5	1.921	2.803	10.8	20.8
1 6	3 58.29	+24 23.8	1.999	2.797	13.9	21.0

495051 2011 BZ_{160} 11 29.7 309°.11 2°.8/30.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.89	+28 1.8	1.918	2.753	13.4	21.2
11 7	4 44.37	+28 35.2	1.822	2.730	10.2	20.9
11 17	4 36.26	+29 1.6	1.749	2.706	6.5	20.7
11 27	4 26.34	+29 18.4	1.704	2.683	3.2	20.4
12 7	4 15.76	+29 24.6	1.687	2.660	4.1	20.4
12 17	4 5.83	+29 21.3	1.698	2.638	7.9	20.6
12 27	3 57.80	+29 12.0	1.736	2.615	11.8	20.8
1 6	3 52.53	+29 1.1	1.795	2.593	15.3	21.0

419974 2011 CK_3 11 29.7 255°.55 3°.7/ 1.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.60	+34 31.5	2.321	3.131	12.2	21.2
11 7	4 43.58	+34 27.2	2.238	3.126	9.5	21.1
11 17	4 35.48	+34 9.8	2.179	3.122	6.5	20.9
11 27	4 26.12	+33 37.9	2.147	3.117	4.1	20.7
12 7	4 16.54	+32 52.7	2.145	3.112	4.2	20.7
12 17	4 7.81	+31 57.6	2.172	3.107	6.8	20.9
12 27	4 0.84	+30 57.6	2.227	3.102	9.8	21.0
1 6	3 56.23	+29 58.2	2.307	3.097	12.6	21.2

223558 2004 EP_{93} 11 29.7 109°.16 4°.2/28.4 18

10 28	4 51.90	+12 46.8	1.565	2.416	15.1	20.1
11 7	4 45.48	+12 8.2	1.509	2.426	11.2	19.9
11 17	4 36.63	+11 32.7	1.476	2.437	7.1	19.7
11 27	4 26.36	+11 4.2	1.470	2.447	4.3	19.6
12 7	4 15.98	+10 46.1	1.492	2.456	6.0	19.7
12 17	4 6.75	+10 40.8	1.541	2.466	9.9	19.9
12 27	3 59.71	+10 49.4	1.614	2.475	13.7	20.2
1 6	3 55.46	+11 11.1	1.708	2.484	16.9	20.4

5810 1988 EN 11 29.7 158°.00 2°.5/28.8 18

10 28	4 51.69	+15 24.3	2.103	2.940	12.3	18.5
11 7	4 44.88	+14 55.5	2.036	2.949	9.0	18.3
11 17	4 36.14	+14 26.7	1.995	2.956	5.5	18.1
11 27	4 26.26	+14 0.2	1.982	2.963	2.6	17.9
12 7	4 16.25	+13 38.6	2.000	2.969	4.2	18.0
12 17	4 7.09	+13 24.1	2.048	2.974	7.7	18.3
12 27	3 59.66	+13 18.4	2.123	2.979	11.0	18.5
1 6	3 54.49	+13 22.4	2.220	2.982	13.9	18.7

267976 2004 FT_{125} 11 29.7 188°.72 1°.0/29.4 18 R

10 28	4 52.66	+20 8.5	1.930	2.769	13.2	21.9
11 7	4 45.89	+19 47.9	1.854	2.769	9.7	21.7
11 17	4 36.85	+19 23.3	1.803	2.767	5.6	21.4
11 27	4 26.43	+18 56.1	1.780	2.766	1.4	21.2
12 7	4 15.76	+18 28.6	1.788	2.763	3.6	21.3
12 17	4 5.98	+18 3.8	1.824	2.760	7.8	21.6
12 27	3 58.12	+17 45.0	1.888	2.756	11.6	21.8
1 6	3 52.81	+17 34.6	1.974	2.751	14.9	22.0

7211 Xerxes 11 29.7 69°.12 4°.8/ 1.5 18

10 28	4 53.64	+34 5.2	1.839	2.657	14.7	17.4
11 7	4 46.85	+34 38.1	1.782	2.674	11.4	17.2
11 17	4 37.47	+34 56.8	1.748	2.690	7.9	17.0
11 27	4 26.56	+34 58.5	1.740	2.707	5.1	16.9
12 7	4 15.49	+34 43.1	1.760	2.724	5.3	16.9
12 17	4 5.63	+34 13.8	1.808	2.741	8.1	17.1
12 27	3 58.09	+33 36.3	1.883	2.758	11.3	17.4
1 6	3 53.49	+32 57.1	1.980	2.774	14.2	17.6

172419 2003 GD_{21} 11 29.7 299°.78 12°.7/28.1 18

10 28	5 8.92	+34 0.2	1.016	1.852	22.5	19.3
11 7	5 2.04	+37 37.9	0.941	1.836	18.6	18.9
11 17	4 48.75	+41 17.2	0.887	1.821	14.7	18.7
11 27	4 29.49	+44 33.7	0.858	1.805	12.7	18.5
12 7	4 6.69	+47 3.1	0.853	1.790	14.1	18.5
12 17	3 44.44	+48 33.5	0.871	1.775	18.0	18.7
12 27	3 27.01	+49 13.0	0.909	1.761	22.4	18.9
1 6	3 16.89	+49 21.1	0.962	1.747	26.4	19.1

190958 2001 WZ_8 11 29.7 42°.02 1°.8/29.4 18

10 28	4 52.04	+16 58.3	1.348	2.209	16.5	19.3
11 7	4 46.03	+17 6.0	1.294	2.218	12.1	19.0
11 17	4 37.14	+17 14.7	1.261	2.228	7.1	18.8
11 27	4 26.51	+17 25.1	1.253	2.238	2.2	18.5
12 7	4 15.64	+17 38.2	1.272	2.248	4.6	18.7
12 17	4 6.08	+17 55.1	1.318	2.259	9.6	19.0
12 27	3 59.05	+18 17.6	1.388	2.270	14.0	19.3
1 6	3 55.24	+18 46.4	1.478	2.282	17.7	19.6

15788 1993 SB 11 29.7 357°.24 0°.1/30.0 17

10 28	4 27.48	+23 40.3	25.954	26.781	1.2	22.3
11 7	4 26.39	+23 38.4	25.872	26.780	0.9	22.2
11 17	4 25.17	+23 35.9	25.818	26.779	0.5	22.2
11 27	4 23.88	+23 33.2	25.794	26.778	0.1	22.1
12 7	4 22.59	+23 30.3	25.801	26.778	0.3	22.2
12 17	4 21.33	+23 27.3	25.838	26.777	0.6	22.2
12 27	4 20.17	+23 24.3	25.906	26.776	1.0	22.3
1 6	4 19.15	+23 21.5	26.000	26.775	1.3	22.3

308274 2005 GR_{159} 11 29.7 98°.05 3°.9/ 1.0 18

10 28	4 55.57	+31 58.3	2.047	2.861	13.5	21.1
11 7	4 48.01	+32 40.1	1.989	2.882	10.3	21.0
11 17	4 38.06	+33 10.7	1.956	2.902	7.0	20.8
11 27	4 26.70	+33 27.0	1.951	2.922	4.3	20.7
12 7	4 15.17	+33 28.4	1.976	2.941	4.6	20.7
12 17	4 4.73	+33 17.2	2.029	2.960	7.5	20.9
12 27	3 56.42	+32 58.0	2.110	2.979	10.5	21.2
1 6	3 50.85	+32 35.8	2.215	2.998	13.3	21.4

317761 2003 SY_{81} 11 29.7 87°.64 10°.9/ 4.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 4.06	+55 22.2	2.389	3.080	15.1	20.9
11 7	4 55.39	+56 52.3	2.330	3.092	13.6	20.8
11 17	4 42.92	+57 59.6	2.291	3.104	12.1	20.7
11 27	4 27.83	+58 36.8	2.275	3.116	11.1	20.6
12 7	4 12.05	+58 40.3	2.283	3.127	10.9	20.7
12 17	3 57.65	+58 12.0	2.315	3.139	11.4	20.7
12 27	3 46.40	+57 18.7	2.370	3.151	12.6	20.8
1 6	3 39.22	+56 9.8	2.446	3.162	13.9	20.9

202497 2006 BE_{125} 11 29.7 109°.96 1°.5/30.3 18

10 28	4 53.54	+26 27.3	1.869	2.702	13.8	21.0
11 7	4 46.51	+26 27.3	1.810	2.719	10.2	20.8
11 17	4 37.17	+26 18.7	1.775	2.735	6.1	20.6
11 27	4 26.50	+26 1.1	1.768	2.751	2.1	20.4
12 7	4 15.75	+25 36.1	1.790	2.766	3.4	20.5
12 17	4 6.13	+25 6.9	1.841	2.781	7.4	20.8
12 27	3 58.62	+24 37.9	1.919	2.796	11.1	21.0
1 6	3 53.80	+24 13.1	2.021	2.810	14.1	21.3

321927 2010 TX_{81} 11 29.7 320°.16 3°.7/27.8 18

10 28	4 46.65	+15 34.1	1.803	2.657	13.3	20.2
11 7	4 41.60	+14 17.6	1.727	2.648	9.8	19.9
11 17	4 34.42	+12 58.3	1.677	2.639	6.2	19.7
11 27	4 25.93	+11 41.3	1.653	2.631	3.7	19.5
12 7	4 17.20	+10 32.3	1.659	2.623	5.6	19.6
12 17	4 9.32	+ 9 36.3	1.692	2.615	9.3	19.8
12 27	4 3.23	+ 8 57.0	1.750	2.607	13.0	20.1
1 6	3 59.56	+ 8 35.2	1.830	2.600	16.1	20.3

37931 1998 FG_{125} 11 29.7 214°.59 4°.3/30.8 18

10 28	4 55.50	+31 26.1	1.892	2.712	14.2	19.5
11 7	4 48.46	+32 17.8	1.813	2.709	11.0	19.2
11 17	4 38.62	+32 59.5	1.758	2.705	7.5	19.0
11 27	4 26.88	+33 27.1	1.729	2.700	4.6	18.8
12 7	4 14.60	+33 38.6	1.730	2.696	5.1	18.9
12 17	4 3.23	+33 35.3	1.759	2.691	8.3	19.1
12 27	3 54.08	+33 21.8	1.815	2.686	11.9	19.3
1 6	3 47.96	+33 3.7	1.893	2.680	15.0	19.5

325348 2008 KK_{17} 11 29.7 60°.79 4°.3/28.2 18

10 28	4 47.58	+10 36.8	1.941	2.787	12.9	20.5
11 7	4 41.93	+10 0.6	1.890	2.803	9.6	20.4
11 17	4 34.44	+ 9 29.2	1.864	2.820	6.3	20.2
11 27	4 25.92	+ 9 5.8	1.865	2.836	4.3	20.1
12 7	4 17.36	+ 8 53.0	1.894	2.853	5.6	20.2
12 17	4 9.69	+ 8 52.4	1.952	2.870	8.6	20.4
12 27	4 3.73	+ 9 4.4	2.035	2.886	11.6	20.7
1 6	3 59.95	+ 9 27.8	2.140	2.903	14.3	20.9

508273 2015 HC_{174} 11 29.7 179°.73 0°.7/29.6 18

10 28	4 54.62	+18 52.7	1.780	2.621	14.1	20.7
11 7	4 47.55	+19 8.5	1.707	2.622	10.3	20.5
11 17	4 37.95	+19 23.4	1.659	2.623	6.0	20.3
11 27	4 26.74	+19 37.0	1.638	2.623	1.4	20.0
12 7	4 15.17	+19 49.7	1.647	2.623	3.6	20.1
12 17	4 4.55	+20 2.5	1.685	2.622	8.1	20.4
12 27	3 56.02	+20 17.6	1.749	2.621	12.2	20.6
1 6	3 50.29	+20 36.6	1.836	2.619	15.6	20.9

52870 1998 SC_{26} 11 29.7 68°.27 4°.2/28.7 18

10 28	4 54.49	+12 59.8	1.340	2.195	16.9	18.6
11 7	4 47.40	+12 31.0	1.304	2.224	12.4	18.5
11 17	4 37.70	+12 6.7	1.290	2.252	7.7	18.3
11 27	4 26.63	+11 50.4	1.302	2.280	4.3	18.1
12 7	4 15.71	+11 44.6	1.341	2.308	6.1	18.3
12 17	4 6.33	+11 51.0	1.406	2.336	10.2	18.6
12 27	3 59.52	+12 10.0	1.496	2.363	14.1	18.9
1 6	3 55.77	+12 40.1	1.606	2.391	17.4	19.2

43301 2000 GL_{108} 11 29.7 298°.30 5°.4/27.9 18

10 28	4 49.21	+11 30.0	1.432	2.292	15.8	18.7
11 7	4 44.07	+10 38.2	1.356	2.276	12.0	18.5
11 17	4 36.15	+ 9 49.3	1.301	2.261	8.0	18.2
11 27	4 26.39	+ 9 8.7	1.272	2.245	5.4	18.0
12 7	4 16.13	+ 8 41.6	1.269	2.230	7.3	18.1
12 17	4 6.80	+ 8 31.8	1.291	2.215	11.5	18.3
12 27	3 59.69	+ 8 41.1	1.337	2.201	15.7	18.5
1 6	3 55.62	+ 9 8.3	1.402	2.186	19.5	18.7

517007 2012 TQ_{212} 11 29.7 357°.01 1°.9/30.2 18

10 28	4 49.78	+25 4.1	1.235	2.099	17.5	21.0
11 7	4 44.97	+25 24.5	1.171	2.096	13.0	20.7
11 17	4 36.85	+25 36.9	1.127	2.093	7.9	20.4
11 27	4 26.55	+25 39.6	1.107	2.091	2.7	20.1
12 7	4 15.77	+25 32.8	1.112	2.091	4.4	20.2
12 17	4 6.29	+25 20.0	1.143	2.091	9.8	20.5
12 27	3 59.62	+25 6.2	1.196	2.092	14.7	20.8
1 6	3 56.56	+24 56.4	1.270	2.095	18.9	21.1

266905 2009 WP_{177} 11 29.7 259°.85 0°.7/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.94	+21 20.4	2.432	3.270	10.9	20.7
11 7	4 41.46	+20 46.1	2.343	3.257	7.9	20.5
11 17	4 34.24	+20 6.8	2.280	3.244	4.6	20.2
11 27	4 25.94	+19 24.2	2.246	3.231	1.1	20.0
12 7	4 17.40	+18 40.8	2.242	3.218	2.9	20.1
12 17	4 9.48	+17 59.8	2.269	3.204	6.5	20.3
12 27	4 2.96	+17 24.2	2.323	3.191	9.8	20.5
1 6	3 58.41	+16 56.5	2.402	3.177	12.6	20.7

447487 2006 RY_{48} 11 29.7 12°.65 0°.7/29.5 18

10 28	4 48.74	+21 8.4	1.690	2.543	14.1	21.0
11 7	4 43.30	+20 48.5	1.623	2.544	10.3	20.7
11 17	4 35.48	+20 23.9	1.579	2.545	6.0	20.5
11 27	4 26.21	+19 56.1	1.562	2.547	1.4	20.2
12 7	4 16.72	+19 27.6	1.572	2.549	3.7	20.4
12 17	4 8.21	+19 1.9	1.611	2.552	8.2	20.6
12 27	4 1.75	+18 42.5	1.675	2.554	12.2	20.9
1 6	3 57.95	+18 31.9	1.761	2.557	15.6	21.1

162312 1999 WG_{20} 11 29.7 354°.74 1°.9/30.4 18

10 28	4 47.05	+27 1.6	1.243	2.109	17.3	19.2
11 7	4 42.94	+26 53.2	1.177	2.103	13.0	18.9
11 17	4 35.63	+26 32.1	1.132	2.098	7.9	18.6
11 27	4 26.28	+25 58.3	1.110	2.094	2.8	18.3
12 7	4 16.54	+25 14.6	1.114	2.092	4.3	18.4
12 17	4 8.09	+24 26.6	1.142	2.091	9.6	18.7
12 27	4 2.35	+23 41.4	1.193	2.091	14.5	19.0
1 6	4 0.08	+23 4.8	1.264	2.093	18.7	19.3

130306 2000 EN_{96} 11 29.7 223°.49 4°.3/27.7 18

10 28	4 45.51	+ 8 6.7	2.587	3.421	10.4	20.2
11 7	4 40.22	+ 7 29.9	2.512	3.415	8.0	20.0
11 17	4 33.44	+ 6 57.6	2.462	3.410	5.6	19.9
11 27	4 25.76	+ 6 32.9	2.442	3.405	4.3	19.8
12 7	4 17.90	+ 6 18.0	2.451	3.399	5.3	19.8
12 17	4 10.60	+ 6 14.5	2.488	3.393	7.6	20.0
12 27	4 4.52	+ 6 23.0	2.553	3.387	10.2	20.1
1 6	4 0.15	+ 6 42.8	2.640	3.380	12.4	20.3

518893 2010 FL_{7} 11 29.7 303°.40 4°.5/27.9 17

10 28	4 45.74	+ 8 47.0	2.257	3.098	11.5	20.9
11 7	4 40.59	+ 8 14.4	2.184	3.092	8.8	20.7
11 17	4 33.73	+ 7 46.8	2.136	3.087	6.0	20.6
11 27	4 25.84	+ 7 27.4	2.115	3.082	4.5	20.5
12 7	4 17.73	+ 7 18.5	2.123	3.076	5.6	20.5
12 17	4 10.26	+ 7 21.7	2.160	3.071	8.3	20.7
12 27	4 4.19	+ 7 37.3	2.223	3.066	11.1	20.9
1 6	4 0.05	+ 8 4.6	2.308	3.061	13.6	21.0

58000 2002 TC_{103} 11 29.7 169°.42 3°.9/ 1.5 18

10 28	4 53.86	+34 28.7	2.423	3.224	12.1	19.3
11 7	4 46.64	+34 48.6	2.346	3.228	9.4	19.1
11 17	4 37.28	+34 56.6	2.293	3.232	6.5	18.9
11 27	4 26.62	+34 50.5	2.269	3.235	4.3	18.8
12 7	4 15.72	+34 30.3	2.275	3.238	4.4	18.8
12 17	4 5.67	+33 58.4	2.311	3.240	6.8	19.0
12 27	3 57.44	+33 19.2	2.375	3.241	9.6	19.2
1 6	3 51.62	+32 38.0	2.464	3.242	12.2	19.3

514154 2015 KW_{125} 11 29.7 146°.41 0°.1/29.7 18

10 28	4 54.09	+21 17.1	1.940	2.776	13.3	22.0
11 7	4 46.90	+21 20.7	1.874	2.786	9.7	21.8
11 17	4 37.46	+21 20.5	1.832	2.796	5.6	21.6
11 27	4 26.66	+21 16.5	1.819	2.805	1.2	21.3
12 7	4 15.68	+21 9.9	1.836	2.813	3.2	21.5
12 17	4 5.67	+21 2.6	1.883	2.821	7.4	21.8
12 27	3 57.64	+20 57.5	1.957	2.828	11.1	22.0
1 6	3 52.19	+20 57.1	2.054	2.834	14.3	22.2

15513 Emmermann 11 29.7 126°.16 3°.4/30.8 18

10 28	4 55.70	+30 2.0	1.542	2.377	16.2	18.2
11 7	4 48.75	+30 16.7	1.478	2.384	12.3	18.0
11 17	4 38.79	+30 18.5	1.436	2.391	7.9	17.7
11 27	4 26.97	+30 5.0	1.420	2.398	3.9	17.5
12 7	4 14.89	+29 37.0	1.431	2.405	4.7	17.6
12 17	4 4.15	+28 58.6	1.470	2.411	8.8	17.8
12 27	3 56.06	+28 16.6	1.535	2.417	13.0	18.1
1 6	3 51.31	+27 37.5	1.621	2.423	16.5	18.4

96729 1999 NL_{21} 11 29.7 41°.06 0°.2/29.8 18

10 28	4 52.85	+21 15.8	1.256	2.118	17.4	18.2
11 7	4 46.70	+21 36.8	1.214	2.139	12.7	18.0
11 17	4 37.54	+21 53.7	1.193	2.160	7.3	17.8
11 27	4 26.67	+22 5.7	1.197	2.183	1.6	17.5
12 7	4 15.77	+22 13.5	1.228	2.206	4.0	17.7
12 17	4 6.41	+22 19.3	1.284	2.230	9.3	18.1
12 27	3 59.83	+22 26.4	1.365	2.254	13.8	18.4
1 6	3 56.60	+22 37.4	1.466	2.279	17.4	18.7

115423 2003 SG_{308} 11 29.7 3°.85 1°.9/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.47	+31 36.0	1.612	2.446	15.6	18.7
11 7	4 46.13	+30 23.0	1.537	2.445	11.8	18.5
11 17	4 37.11	+28 50.2	1.487	2.445	7.3	18.2
11 27	4 26.58	+26 59.8	1.463	2.446	2.7	18.0
12 7	4 16.00	+24 58.5	1.469	2.446	3.7	18.0
12 17	4 6.76	+22 55.6	1.504	2.447	8.4	18.3
12 27	3 59.97	+21 1.2	1.565	2.448	12.7	18.6
1 6	3 56.18	+19 22.4	1.650	2.449	16.4	18.8

158343 2001 XX_{48} 11 29.7 28°.45 5°.2/28.3 18

10 28	4 49.30	+11 37.1	1.335	2.198	16.5	19.4
11 7	4 43.99	+10 52.3	1.281	2.204	12.3	19.2
11 17	4 35.97	+10 12.5	1.249	2.210	8.0	19.0
11 27	4 26.35	+ 9 42.7	1.242	2.216	5.3	18.8
12 7	4 16.55	+ 9 27.1	1.260	2.223	7.0	19.0
12 17	4 7.97	+ 9 28.0	1.304	2.231	11.1	19.2
12 27	4 1.77	+ 9 46.0	1.371	2.239	15.1	19.5
1 6	3 58.58	+10 19.2	1.457	2.248	18.6	19.7

327068 2004 TS_{296} 11 29.7 66°.26 2°.0/28.8 18

10 28	4 47.04	+18 4.2	2.111	2.957	12.0	20.8
11 7	4 41.58	+17 19.0	2.044	2.962	8.7	20.6
11 17	4 34.30	+16 31.2	2.002	2.967	5.1	20.4
11 27	4 25.97	+15 43.8	1.989	2.971	2.1	20.2
12 7	4 17.52	+14 59.9	2.005	2.976	3.8	20.3
12 17	4 9.88	+14 22.9	2.050	2.981	7.4	20.6
12 27	4 3.84	+13 55.5	2.122	2.986	10.7	20.8
1 6	3 59.93	+13 39.1	2.217	2.992	13.5	21.0

336690 2010 AE_{75} 11 29.7 340°.77 0°.9/30.1 18

10 28	4 46.69	+25 33.4	1.132	2.005	18.1	20.1
11 7	4 42.98	+25 8.5	1.061	1.991	13.5	19.8
11 17	4 35.83	+24 30.3	1.010	1.978	8.1	19.5
11 27	4 26.39	+23 39.8	0.982	1.967	2.1	19.1
12 7	4 16.39	+22 41.4	0.978	1.957	4.5	19.2
12 17	4 7.69	+21 42.1	0.998	1.949	10.5	19.5
12 27	4 1.87	+20 50.1	1.040	1.941	15.9	19.8
1 6	3 59.78	+20 11.3	1.101	1.936	20.5	20.1

475020 2005 UN_{10} 11 29.7 27°.91 5°.6/28.5 16

10 28	4 48.97	+11 32.1	1.097	1.972	18.4	20.4
11 7	4 44.04	+10 53.7	1.055	1.984	13.7	20.2
11 17	4 36.08	+10 22.4	1.033	1.996	8.9	20.0
11 27	4 26.38	+10 3.5	1.034	2.010	5.7	19.8
12 7	4 16.59	+10 0.6	1.059	2.026	7.5	20.0
12 17	4 8.30	+10 15.3	1.108	2.042	11.9	20.3
12 27	4 2.76	+10 46.9	1.179	2.059	16.2	20.6
1 6	4 0.54	+11 32.7	1.268	2.077	19.9	20.9

339027 2004 HU_{29} 11 29.7 128°.82 0°.5/29.9 18

10 28	4 54.27	+24 24.3	1.875	2.709	13.7	21.5
11 7	4 47.03	+24 9.5	1.814	2.725	10.1	21.3
11 17	4 37.50	+23 47.3	1.777	2.739	5.9	21.1
11 27	4 26.69	+23 18.1	1.768	2.754	1.5	20.8
12 7	4 15.80	+22 44.4	1.790	2.767	3.2	21.0
12 17	4 6.02	+22 9.6	1.841	2.780	7.4	21.3
12 27	3 58.35	+21 38.1	1.918	2.792	11.2	21.5
1 6	3 53.33	+21 13.2	2.019	2.803	14.3	21.8

223576 2004 FV_{61} 11 29.8 190°.31 0°.0/29.8 18

10 28	4 53.36	+22 18.5	1.693	2.537	14.5	20.9
11 7	4 46.78	+22 16.0	1.620	2.537	10.7	20.6
11 17	4 37.59	+22 8.2	1.571	2.536	6.2	20.4
11 27	4 26.75	+21 55.1	1.549	2.534	1.4	20.1
12 7	4 15.57	+21 38.4	1.555	2.533	3.6	20.2
12 17	4 5.42	+21 20.8	1.590	2.531	8.3	20.5
12 27	3 57.46	+21 6.3	1.651	2.528	12.5	20.7
1 6	3 52.40	+20 58.0	1.734	2.526	16.0	21.0

322975 2002 LR_{63} 11 29.8 111°.26 3°.0/28.7 18

10 28	4 48.54	+10 39.6	2.699	3.528	10.2	21.4
11 7	4 42.24	+10 35.0	2.641	3.547	7.6	21.3
11 17	4 34.54	+10 34.2	2.611	3.565	4.8	21.2
11 27	4 26.04	+10 38.6	2.610	3.583	3.0	21.1
12 7	4 17.48	+10 49.1	2.640	3.601	4.0	21.2
12 17	4 9.58	+11 6.3	2.700	3.619	6.5	21.3
12 27	4 2.97	+11 30.3	2.789	3.635	9.0	21.5
1 6	3 58.07	+12 0.6	2.902	3.652	11.2	21.7

490013 2008 SV_{243} 11 29.8 43°.82 7°.5/28.8 17

10 28	5 12.62	+21 52.7	0.791	1.655	24.8	19.9
11 7	5 4.19	+25 43.2	0.740	1.662	18.8	19.6
11 17	4 49.42	+29 45.5	0.710	1.671	12.3	19.3
11 27	4 29.60	+33 33.0	0.704	1.680	7.6	19.1
12 7	4 7.89	+36 38.9	0.723	1.689	10.0	19.3
12 17	3 48.33	+38 51.1	0.767	1.700	15.9	19.6
12 27	3 34.25	+40 17.1	0.832	1.710	21.4	20.0
1 6	3 27.10	+41 13.3	0.912	1.721	25.7	20.4

439269 2012 UF_{10} 11 29.8 130°72 0°0/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.74	+22 11.1	1.892	2.730	13.5	21.9
11 7	4 46.65	+22 5.1	1.830	2.743	9.9	21.7
11 17	4 37.31	+21 54.2	1.793	2.756	5.7	21.5
11 27	4 26.66	+21 38.7	1.783	2.769	1.2	21.2
12 7	4 15.90	+21 20.3	1.804	2.781	3.2	21.4
12 17	4 6.18	+21 1.7	1.854	2.792	7.5	21.7
12 27	3 58.48	+20 46.2	1.931	2.803	11.2	22.0
1 6	3 53.38	+20 36.5	2.031	2.813	14.3	22.2

298186 2002 TD_{197} 11 29.8 24°69 0°0/29.6 18

10 28	4 48.79	+23 49.8	1.454	2.312	15.7	19.7
11 7	4 43.59	+23 19.1	1.396	2.319	11.5	19.5
11 17	4 35.74	+22 39.8	1.360	2.327	6.7	19.2
11 27	4 26.33	+21 53.8	1.349	2.335	1.5	18.9
12 7	4 16.79	+21 5.1	1.366	2.344	3.8	19.1
12 17	4 8.48	+20 18.9	1.409	2.353	8.7	19.4
12 27	4 2.52	+19 40.2	1.477	2.364	13.1	19.7
1 6	3 59.53	+19 12.5	1.566	2.374	16.7	19.9

391242 2006 PL_4 11 29.8 175°73 1°2/29.3 18

10 28	4 50.77	+17 58.4	2.487	3.319	10.9	21.8
11 7	4 44.12	+17 49.0	2.411	3.322	7.9	21.6
11 17	4 35.75	+17 38.3	2.361	3.324	4.6	21.4
11 27	4 26.34	+17 27.4	2.342	3.326	1.5	21.2
12 7	4 16.75	+17 17.5	2.353	3.327	3.1	21.3
12 17	4 7.83	+17 10.2	2.395	3.327	6.4	21.5
12 27	4 0.37	+17 7.5	2.466	3.327	9.5	21.7
1 6	3 54.88	+17 10.5	2.561	3.325	12.2	21.9

61142 2000 NW_6 11 29.8 132°51 3°0/28.9 18

10 28	4 55.23	+15 20.9	1.608	2.453	15.1	18.8
11 7	4 47.90	+14 50.9	1.552	2.468	11.1	18.6
11 17	4 38.10	+14 21.5	1.519	2.482	6.7	18.4
11 27	4 26.86	+13 55.4	1.514	2.494	3.2	18.2
12 7	4 15.53	+13 35.6	1.537	2.507	5.1	18.4
12 17	4 5.42	+13 25.0	1.588	2.518	9.3	18.6
12 27	3 57.59	+13 25.3	1.666	2.529	13.2	18.9
1 6	3 52.62	+13 36.9	1.764	2.539	16.5	19.1

45702 2000 FJ_{15} 11 29.8 69°05 13°2/24.1 18

10 28	4 50.55	− 5 18.7	1.439	2.262	17.7	17.6
11 7	4 44.43	− 7 46.5	1.414	2.283	15.3	17.5
11 17	4 36.00	− 9 50.4	1.412	2.304	13.6	17.4
11 27	4 26.38	−11 20.0	1.433	2.325	13.2	17.5
12 7	4 16.87	−12 9.7	1.477	2.347	14.3	17.6
12 17	4 8.64	−12 19.2	1.543	2.368	16.1	17.8
12 27	4 2.63	−11 53.1	1.628	2.389	18.2	18.0
1 6	3 59.32	−10 59.1	1.729	2.410	20.0	18.2

115539 2003 UZ_{60} 11 29.8 103°35 1°9/29.3 18

10 28	4 56.11	+17 16.3	1.486	2.335	16.0	19.7
11 7	4 48.70	+17 11.2	1.436	2.354	11.6	19.5
11 17	4 38.60	+17 5.7	1.408	2.373	6.8	19.2
11 27	4 26.98	+17 0.9	1.407	2.391	2.2	19.0
12 7	4 15.29	+16 58.7	1.434	2.409	4.4	19.2
12 17	4 4.97	+17 1.1	1.489	2.426	9.1	19.5
12 27	3 57.14	+17 10.2	1.570	2.443	13.3	19.8
1 6	3 52.38	+17 26.9	1.671	2.459	16.7	20.1

514361 2016 QG_{31} 11 29.8 68°59 0°5/29.6 18

10 28	4 55.17	+20 59.4	1.339	2.193	17.0	20.9
11 7	4 48.18	+20 55.3	1.296	2.217	12.3	20.7
11 17	4 38.33	+20 46.6	1.275	2.241	7.1	20.5
11 27	4 26.91	+20 34.1	1.280	2.265	1.5	20.2
12 7	4 15.54	+20 20.0	1.312	2.289	4.1	20.5
12 17	4 5.73	+20 7.6	1.371	2.313	9.1	20.8
12 27	3 58.64	+20 0.4	1.454	2.337	13.5	21.1
1 6	3 54.79	+20 0.9	1.559	2.360	17.1	21.4

334830 2003 SY_{394} 11 29.8 270°81 3°4/28.8 18

10 28	4 49.90	+13 36.6	1.740	2.590	13.9	21.3
11 7	4 44.10	+13 15.5	1.670	2.588	10.3	21.0
11 17	4 35.99	+12 56.9	1.624	2.586	6.4	20.8
11 27	4 26.44	+12 43.3	1.604	2.583	3.5	20.6
12 7	4 16.61	+12 37.3	1.613	2.581	5.1	20.7
12 17	4 7.66	+12 40.7	1.649	2.579	9.0	20.9
12 27	4 0.64	+12 54.7	1.711	2.577	12.8	21.2
1 6	3 56.20	+13 19.1	1.795	2.574	16.0	21.4

346217 2007 YS_{47} 11 29.8 38°99 17°3/ 2.1 17

10 28	5 1.61	−14 28.7	0.970	1.774	25.7	19.6
11 7	4 53.69	−14 28.4	0.925	1.780	22.5	19.4
11 17	4 41.89	−13 41.1	0.896	1.787	19.5	19.2
11 27	4 27.74	−11 57.4	0.885	1.794	17.6	19.1
12 7	4 13.41	− 9 18.3	0.896	1.801	17.6	19.2
12 17	4 0.99	− 5 55.2	0.929	1.810	19.5	19.3
12 27	3 52.12	− 2 6.2	0.983	1.818	22.4	19.5
1 6	3 47.49	+ 1 50.6	1.056	1.827	25.4	19.8

141654 2002 JS_{71} 11 29.8 130°30 3°9/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.06	+12 50.1	1.652	2.497	14.8	20.2
11 7	4 47.01	+12 19.8	1.596	2.510	11.0	20.0
11 17	4 37.57	+11 52.5	1.563	2.523	6.9	19.8
11 27	4 26.77	+11 31.6	1.558	2.535	4.0	19.6
12 7	4 15.86	+11 19.7	1.581	2.547	5.6	19.8
12 17	4 6.09	+11 18.9	1.633	2.557	9.4	20.0
12 27	3 58.48	+11 30.3	1.709	2.568	13.1	20.3
1 6	3 53.62	+11 53.2	1.807	2.577	16.3	20.5

272171 2005 OH_{10} 11 29.8 27°33 0°5/29.7 18

10 28	4 50.78	+20 15.6	1.076	1.951	18.7	19.6
11 7	4 45.67	+20 22.5	1.031	1.962	13.7	19.3
11 17	4 37.20	+20 26.1	1.005	1.974	7.9	19.0
11 27	4 26.72	+20 26.9	1.002	1.988	1.8	18.7
12 7	4 16.07	+20 26.5	1.024	2.003	4.6	19.0
12 17	4 7.04	+20 27.6	1.070	2.018	10.3	19.3
12 27	4 1.00	+20 33.7	1.139	2.035	15.3	19.7
1 6	3 58.62	+20 46.8	1.226	2.052	19.4	20.0

362503 2010 TL_{66} 11 29.8 194°42 0°5/29.6 18

10 28	4 49.37	+21 38.0	2.226	3.064	11.7	21.7
11 7	4 43.34	+21 14.2	2.149	3.063	8.6	21.5
11 17	4 35.40	+20 45.7	2.097	3.061	5.0	21.3
11 27	4 26.31	+20 13.6	2.073	3.059	1.1	21.0
12 7	4 17.02	+19 40.4	2.080	3.056	3.0	21.1
12 17	4 8.49	+19 8.7	2.116	3.053	6.8	21.4
12 27	4 1.56	+18 41.9	2.180	3.050	10.2	21.6
1 6	3 56.80	+18 22.2	2.268	3.046	13.1	21.8

351457 2005 MA_{22} 11 29.8 197°95 1°4/29.2 18

10 28	4 49.47	+17 45.6	2.447	3.282	10.9	22.1
11 7	4 43.27	+17 29.9	2.367	3.279	8.0	21.9
11 17	4 35.32	+17 12.8	2.312	3.275	4.7	21.7
11 27	4 26.30	+16 55.7	2.287	3.271	1.6	21.5
12 7	4 17.06	+16 40.1	2.293	3.266	3.2	21.6
12 17	4 8.45	+16 28.1	2.329	3.261	6.6	21.8
12 27	4 1.28	+16 21.4	2.393	3.255	9.7	22.0
1 6	3 56.08	+16 21.5	2.481	3.248	12.4	22.2

228894 2003 RD_{11} 11 29.8 58°85 4°4/28.5 18 R

10 28	4 48.08	+ 8 46.7	2.020	2.861	12.6	19.5
11 7	4 42.34	+ 8 29.1	1.965	2.875	9.5	19.3
11 17	4 34.78	+ 8 18.0	1.936	2.888	6.4	19.1
11 27	4 26.17	+ 8 16.0	1.933	2.902	4.5	19.0
12 7	4 17.48	+ 8 24.6	1.959	2.916	5.6	19.1
12 17	4 9.62	+ 8 44.6	2.014	2.931	8.4	19.3
12 27	4 3.40	+ 9 15.5	2.094	2.945	11.4	19.6
1 6	3 59.31	+ 9 55.9	2.197	2.959	14.0	19.8

405775 2005 YC_{281} 11 29.8 64°05 4°5/ 1.9 17

10 28	4 51.29	+35 35.3	2.059	2.870	13.6	20.6
11 7	4 45.04	+35 45.4	1.992	2.879	10.6	20.5
11 17	4 36.48	+35 41.0	1.949	2.889	7.4	20.3
11 27	4 26.57	+35 20.1	1.933	2.898	4.9	20.2
12 7	4 16.50	+34 43.4	1.945	2.908	5.0	20.2
12 17	4 7.49	+33 54.8	1.985	2.918	7.5	20.4
12 27	4 0.52	+32 59.7	2.052	2.928	10.5	20.6
1 6	3 56.19	+32 4.3	2.143	2.938	13.3	20.8

444491 2006 RY_3 11 29.8 4°46 7°3/27.3 17

10 28	4 43.88	+ 9 9.2	1.210	2.085	17.0	20.0
11 7	4 40.29	+ 7 53.3	1.159	2.085	13.1	19.8
11 17	4 33.98	+ 6 44.6	1.128	2.086	9.3	19.6
11 27	4 26.04	+ 5 51.1	1.121	2.088	7.3	19.5
12 7	4 17.89	+ 5 19.2	1.137	2.092	9.0	19.6
12 17	4 10.91	+ 5 12.2	1.177	2.098	12.7	19.8
12 27	4 6.26	+ 5 29.7	1.238	2.105	16.5	20.1
1 6	4 4.59	+ 6 8.2	1.318	2.114	19.9	20.3

25296 1998 WD_{20} 11 29.8 356°55 0°2/29.9 18

10 28	4 46.97	+22 37.2	1.736	2.589	13.8	17.7
11 7	4 42.12	+22 36.5	1.665	2.586	10.1	17.4
11 17	4 34.92	+22 30.7	1.617	2.583	5.9	17.2
11 27	4 26.26	+22 20.3	1.596	2.582	1.4	16.9
12 7	4 17.29	+22 6.8	1.602	2.581	3.3	17.0
12 17	4 9.21	+21 52.7	1.636	2.580	7.8	17.3
12 27	4 3.08	+21 41.4	1.696	2.581	11.8	17.5
1 6	3 59.57	+21 35.4	1.778	2.582	15.2	17.7

41637 2000 SA_{225} 11 29.8 195°20 2°9/30.7 18

10 28	4 54.12	+29 15.0	1.908	2.735	13.9	20.0
11 7	4 47.32	+29 35.8	1.831	2.733	10.5	19.8
11 17	4 37.95	+29 46.8	1.777	2.732	6.7	19.5
11 27	4 26.94	+29 45.8	1.751	2.729	3.3	19.3
12 7	4 15.54	+29 32.8	1.754	2.727	4.0	19.4
12 17	4 5.09	+29 10.3	1.785	2.723	7.7	19.6
12 27	3 56.76	+28 43.1	1.844	2.720	11.4	19.8
1 6	3 51.25	+28 16.2	1.925	2.716	14.7	20.0

523274 2017 AZ_{24} 11 29.8 258°.01 1°.1/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.62	+24 57.5	2.051	2.886	12.7	22.1
11 7	4 44.61	+25 3.9	1.964	2.875	9.4	21.9
11 17	4 36.34	+25 4.1	1.901	2.863	5.7	21.6
11 27	4 26.59	+24 57.5	1.867	2.851	1.8	21.4
12 7	4 16.42	+24 44.6	1.862	2.839	3.1	21.4
12 17	4 6.99	+24 27.8	1.886	2.826	7.2	21.7
12 27	3 59.34	+24 10.4	1.937	2.814	10.9	21.9
1 6	3 54.16	+23 56.0	2.011	2.801	14.2	22.1

438467 2007 DM_{59} 11 29.8 252°.07 0°.9/30.1 18

10 28	4 52.98	+24 52.2	1.777	2.616	14.2	21.6
11 7	4 46.66	+24 44.9	1.688	2.601	10.6	21.4
11 17	4 37.67	+24 29.6	1.622	2.585	6.3	21.1
11 27	4 26.90	+24 5.9	1.584	2.568	1.8	20.8
12 7	4 15.61	+23 35.2	1.574	2.552	3.5	20.9
12 17	4 5.17	+23 1.1	1.593	2.534	8.2	21.1
12 27	3 56.82	+22 28.5	1.639	2.516	12.5	21.3
1 6	3 51.36	+22 1.8	1.706	2.498	16.2	21.5

194982 Furia 11 29.8 5°.21 9°.0/ 1.3 18

10 28	4 50.62	+34 56.9	1.029	1.887	20.8	18.4
11 7	4 46.66	+36 37.3	0.976	1.886	16.6	18.1
11 17	4 38.39	+38 0.0	0.941	1.887	12.4	17.9
11 27	4 27.12	+38 55.0	0.927	1.890	9.3	17.7
12 7	4 15.08	+39 17.0	0.935	1.894	9.6	17.8
12 17	4 4.75	+39 8.3	0.965	1.901	12.9	18.0
12 27	3 58.13	+38 38.0	1.016	1.910	16.9	18.2
1 6	3 56.18	+37 57.9	1.084	1.920	20.7	18.5

82300 2001 KE_{43} 11 29.8 122°.98 2°.6/29.0 18

10 28	4 54.30	+15 2.9	1.797	2.638	14.0	19.7
11 7	4 47.05	+14 47.3	1.741	2.655	10.2	19.5
11 17	4 37.56	+14 33.0	1.710	2.672	6.1	19.3
11 27	4 26.82	+14 21.8	1.707	2.688	2.8	19.1
12 7	4 15.99	+14 15.7	1.733	2.703	4.5	19.2
12 17	4 6.25	+14 16.5	1.788	2.718	8.4	19.5
12 27	3 58.56	+14 25.5	1.869	2.731	12.0	19.8
1 6	3 53.47	+14 43.1	1.973	2.745	15.1	20.0

519864 2013 NQ_{29} 11 29.8 212°.53 6°.0/ 3.0 18

10 28	4 52.96	+42 49.2	2.635	3.402	12.1	22.4
11 7	4 46.14	+43 10.0	2.550	3.397	10.0	22.2
11 17	4 37.13	+43 15.0	2.488	3.392	7.9	22.1
11 27	4 26.75	+43 1.1	2.453	3.387	6.3	22.0
12 7	4 16.10	+42 28.0	2.446	3.382	6.1	22.0
12 17	4 6.31	+41 38.0	2.467	3.376	7.5	22.0
12 27	3 58.37	+40 36.1	2.517	3.370	9.6	22.2
1 6	3 52.90	+39 28.7	2.590	3.364	11.8	22.3

187023 2005 BQ_{2} 11 29.8 295°.71 15°.1/29.8 18

10 28	5 9.32	+42 45.4	1.120	1.927	22.8	19.5
11 7	5 2.25	+45 58.8	1.056	1.920	19.6	19.2
11 17	4 48.77	+48 55.5	1.012	1.914	16.8	19.0
11 27	4 29.71	+51 13.7	0.989	1.907	15.1	18.9
12 7	4 7.91	+52 36.3	0.989	1.901	15.6	18.9
12 17	3 47.52	+52 59.9	1.010	1.895	18.0	19.0
12 27	3 32.42	+52 37.1	1.051	1.889	21.1	19.2
1 6	3 24.48	+51 48.2	1.107	1.883	24.1	19.4

35683 1999 BK_{5} 11 29.8 317°.16 0°.3/29.7 18

10 28	4 52.43	+22 19.0	1.248	2.110	17.5	18.9
11 7	4 46.87	+21 59.6	1.180	2.106	12.9	18.6
11 17	4 38.00	+21 32.5	1.134	2.101	7.5	18.3
11 27	4 27.00	+20 59.0	1.112	2.097	1.7	18.0
12 7	4 15.56	+20 22.4	1.116	2.094	4.4	18.1
12 17	4 5.42	+19 47.9	1.145	2.090	10.2	18.4
12 27	3 58.09	+19 21.2	1.198	2.087	15.3	18.7
1 6	3 54.34	+19 6.0	1.270	2.083	19.5	19.0

336617 2009 VP_{23} 11 29.8 37°.01 1°.3/29.6 18

10 28	4 52.84	+17 49.8	1.200	2.066	17.8	19.6
11 7	4 46.96	+18 8.2	1.151	2.078	13.0	19.4
11 17	4 37.91	+18 27.3	1.122	2.090	7.5	19.1
11 27	4 26.95	+18 46.7	1.118	2.104	2.0	18.8
12 7	4 15.78	+19 6.8	1.140	2.118	4.5	19.0
12 17	4 6.08	+19 28.7	1.188	2.132	9.9	19.4
12 27	3 59.20	+19 54.2	1.259	2.148	14.7	19.7
1 6	3 55.81	+20 24.5	1.349	2.164	18.6	20.0

324351 2006 QY_{35} 11 29.8 73°.36 3°.3/29.1 18

10 28	4 55.40	+14 37.7	1.299	2.156	17.3	20.3
11 7	4 48.33	+14 21.0	1.258	2.180	12.6	20.1
11 17	4 38.45	+14 7.2	1.239	2.203	7.6	19.9
11 27	4 27.03	+13 58.7	1.246	2.227	3.5	19.8
12 7	4 15.67	+13 57.7	1.279	2.251	5.5	19.9
12 17	4 5.86	+14 6.1	1.339	2.274	10.1	20.3
12 27	3 58.73	+14 24.8	1.423	2.297	14.3	20.6
1 6	3 54.83	+14 53.2	1.527	2.320	17.8	20.9

139508 2001 PW_{42} 11 29.8 109°.42 1°.6/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.53	+18 41.3	2.222	3.059	11.8	21.4
11 7	4 43.95	+18 2.6	2.167	3.081	8.5	21.2
11 17	4 35.64	+17 21.4	2.138	3.101	5.0	21.0
11 27	4 26.41	+16 40.1	2.138	3.121	1.8	20.8
12 7	4 17.18	+16 1.6	2.168	3.141	3.5	21.0
12 17	4 8.86	+15 28.6	2.229	3.159	6.9	21.3
12 27	4 2.18	+15 3.6	2.317	3.178	10.0	21.5
1 6	3 57.60	+14 48.1	2.428	3.196	12.7	21.7

259502 2003 SL_{284} 11 29.8 8°.10 2°.2/30.5 18 R

10 28	4 50.22	+28 16.2	1.074	1.942	19.3	19.9
11 7	4 45.61	+27 54.4	1.017	1.942	14.5	19.6
11 17	4 37.37	+27 15.8	0.978	1.944	8.8	19.3
11 27	4 26.87	+26 20.8	0.962	1.946	3.2	19.0
12 7	4 16.07	+25 14.1	0.970	1.949	4.7	19.1
12 17	4 6.92	+24 3.9	1.003	1.954	10.4	19.4
12 27	4 0.93	+22 59.7	1.058	1.959	15.7	19.7
1 6	3 58.82	+22 8.3	1.131	1.965	20.1	20.0

394111 2006 CV_{56} 11 29.8 291°.11 15°.3/29.9 17

10 28	4 59.65	− 9 16.4	1.042	1.862	23.3	19.8
11 7	4 52.64	− 9 33.5	0.978	1.851	20.1	19.6
11 17	4 41.64	− 9 13.1	0.931	1.840	17.2	19.4
11 27	4 27.88	− 8 4.0	0.904	1.828	15.4	19.2
12 7	4 13.31	− 6 3.0	0.898	1.818	15.9	19.2
12 17	4 0.10	− 3 16.4	0.915	1.807	18.6	19.3
12 27	3 50.11	+ 0 2.0	0.954	1.797	22.3	19.5
1 6	3 44.35	+ 3 36.1	1.010	1.786	26.0	19.8

449931 2015 OK_{24} 11 29.8 92°.10 3°.3/28.5 18

10 28	4 51.08	+14 15.3	1.841	2.686	13.5	21.6
11 7	4 44.59	+13 32.2	1.792	2.707	9.9	21.4
11 17	4 36.10	+12 50.7	1.767	2.728	6.1	21.2
11 27	4 26.53	+12 13.9	1.770	2.748	3.4	21.1
12 7	4 16.96	+11 45.2	1.802	2.768	5.0	21.2
12 17	4 8.45	+11 27.0	1.863	2.788	8.5	21.5
12 27	4 1.83	+11 20.9	1.949	2.807	11.8	21.7
1 6	3 57.61	+11 26.7	2.058	2.826	14.6	21.9

240423 2003 WJ_{34} 11 29.8 75°.91 2°.1/30.3 18

10 28	4 54.00	+25 54.9	1.700	2.539	14.7	20.1
11 7	4 47.26	+26 27.6	1.641	2.552	10.9	19.9
11 17	4 37.91	+26 53.1	1.604	2.565	6.7	19.7
11 27	4 26.97	+27 9.2	1.595	2.578	2.7	19.5
12 7	4 15.79	+27 15.7	1.615	2.591	3.8	19.6
12 17	4 5.74	+27 14.5	1.663	2.604	7.9	19.8
12 27	3 57.97	+27 9.4	1.737	2.617	11.8	20.1
1 6	3 53.14	+27 4.5	1.833	2.629	15.1	20.4

487161 2014 OD_{251} 11 29.8 206°.91 2°.1/30.5 18

10 28	4 51.60	+27 34.4	2.188	3.014	12.3	21.6
11 7	4 45.21	+27 51.2	2.107	3.011	9.2	21.4
11 17	4 36.64	+28 0.5	2.051	3.008	5.8	21.2
11 27	4 26.70	+28 1.0	2.023	3.004	2.5	21.0
12 7	4 16.42	+27 52.7	2.025	3.000	3.3	21.0
12 17	4 6.90	+27 37.8	2.057	2.996	6.8	21.3
12 27	3 59.14	+27 19.5	2.116	2.991	10.2	21.5
1 6	3 53.79	+27 1.9	2.199	2.986	13.2	21.7

264817 2002 PL_{135} 11 29.8 88°.37 6°.9/26.9 18

10 28	4 46.29	− 0 4.9	2.360	3.178	11.8	20.1
11 7	4 40.83	− 0 51.5	2.309	3.190	9.6	20.0
11 17	4 33.86	− 1 26.8	2.283	3.202	7.7	19.9
11 27	4 26.05	− 1 47.0	2.283	3.214	6.9	19.8
12 7	4 18.16	− 1 49.9	2.311	3.226	7.7	19.9
12 17	4 10.97	− 1 34.8	2.367	3.238	9.5	20.0
12 27	4 5.15	− 1 2.9	2.447	3.249	11.6	20.2
1 6	4 1.13	− 0 17.0	2.549	3.261	13.5	20.4

367663 2009 XV_{20} 11 29.8 345°.07 10°.8/ 7.0 17

10 28	4 58.03	+54 45.8	2.012	2.729	16.9	19.7
11 7	4 50.89	+55 1.6	1.932	2.722	15.0	19.5
11 17	4 40.21	+54 48.7	1.870	2.716	13.0	19.4
11 27	4 27.47	+54 1.0	1.829	2.711	11.4	19.3
12 7	4 14.63	+52 37.1	1.813	2.706	10.8	19.2
12 17	4 3.58	+50 41.6	1.823	2.701	11.5	19.3
12 27	3 55.74	+48 24.5	1.857	2.698	13.1	19.4
1 6	3 51.70	+45 58.0	1.916	2.695	15.2	19.5

407154 2009 UH_{2} 11 29.8 139°.45 3°.7/ 1.3 18

10 28	4 52.14	+33 26.4	2.539	3.343	11.5	21.2
11 7	4 45.37	+33 55.1	2.467	3.352	8.9	21.1
11 17	4 36.63	+34 13.5	2.420	3.360	6.1	20.9
11 27	4 26.69	+34 19.6	2.401	3.368	4.0	20.8
12 7	4 16.52	+34 13.1	2.413	3.376	4.2	20.8
12 17	4 7.12	+33 55.7	2.454	3.384	6.4	21.0
12 27	3 59.38	+33 31.1	2.524	3.391	9.1	21.2
1 6	3 53.88	+33 3.7	2.618	3.397	11.5	21.4

261319 2005 UW_{211} 11 29.8 217°.70 0°.3/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.85	+22 28.4	2.692	3.520	10.3	21.5
11 7	4 43.56	+22 35.2	2.603	3.511	7.5	21.3
11 17	4 35.56	+22 38.6	2.539	3.501	4.4	21.1
11 27	4 26.46	+22 38.3	2.506	3.491	1.0	20.9
12 7	4 17.07	+22 35.0	2.504	3.481	2.5	21.0
12 17	4 8.22	+22 30.0	2.532	3.469	5.8	21.2
12 27	4 0.69	+22 25.3	2.590	3.458	8.9	21.4
1 6	3 55.05	+22 23.1	2.673	3.446	11.5	21.5

263060 2007 HM_{88} 11 29.8 203°.25 0°.6/29.5 17

10 28	4 47.70	+20 41.6	2.396	3.234	11.0	21.0
11 7	4 42.06	+20 23.7	2.318	3.232	8.0	20.8
11 17	4 34.68	+20 2.4	2.265	3.230	4.6	20.6
11 27	4 26.26	+19 38.7	2.242	3.227	1.1	20.4
12 7	4 17.64	+19 14.6	2.249	3.225	2.8	20.5
12 17	4 9.68	+18 52.2	2.286	3.223	6.4	20.7
12 27	4 3.17	+18 34.2	2.351	3.220	9.6	20.9
1 6	3 58.63	+18 22.4	2.439	3.217	12.3	21.1

478429 2012 HE_{28} 11 29.8 127°.81 1°.8/29.2 16

10 28	4 55.01	+17 22.0	1.955	2.791	13.2	22.9
11 7	4 47.41	+17 1.4	1.899	2.811	9.6	22.7
11 17	4 37.74	+16 39.6	1.868	2.831	5.6	22.5
11 27	4 26.92	+16 18.3	1.866	2.849	2.1	22.3
12 7	4 16.07	+15 59.7	1.895	2.867	3.9	22.4
12 17	4 6.27	+15 46.1	1.953	2.884	7.7	22.7
12 27	3 58.42	+15 39.8	2.038	2.900	11.2	23.0
1 6	3 53.06	+15 41.8	2.147	2.914	14.1	23.2

435521 2008 JL_{34} 11 29.8 239°.32 5°.6/27.7 18

10 28	4 51.06	+ 9 59.7	1.668	2.515	14.6	21.7
11 7	4 45.10	+ 8 59.2	1.593	2.505	11.1	21.5
11 17	4 36.70	+ 8 2.4	1.541	2.495	7.6	21.3
11 27	4 26.74	+ 7 14.4	1.516	2.484	5.6	21.1
12 7	4 16.42	+ 6 40.4	1.519	2.473	7.2	21.2
12 17	4 6.97	+ 6 23.7	1.548	2.461	10.8	21.4
12 27	3 59.51	+ 6 25.8	1.602	2.450	14.5	21.6
1 6	3 54.73	+ 6 45.5	1.677	2.437	17.7	21.8

90691 1981 EA_{32} 11 29.8 21°.57 1°.1/29.3 18

10 28	4 47.46	+21 26.7	1.840	2.690	13.3	18.8
11 7	4 42.21	+20 36.8	1.774	2.694	9.7	18.6
11 17	4 34.87	+19 40.9	1.732	2.698	5.6	18.4
11 27	4 26.30	+18 41.9	1.717	2.702	1.5	18.1
12 7	4 17.61	+17 43.8	1.732	2.707	3.6	18.3
12 17	4 9.86	+16 51.3	1.775	2.713	7.8	18.6
12 27	4 3.96	+16 8.4	1.844	2.718	11.5	18.8
1 6	4 0.46	+15 37.5	1.935	2.724	14.7	19.0

133569 2003 US_{36} 11 29.8 252°.48 4°.1/ 1.7 17

10 28	4 50.07	+35 9.2	2.359	3.166	12.2	20.0
11 7	4 44.06	+35 19.5	2.279	3.163	9.5	19.8
11 17	4 35.95	+35 17.2	2.222	3.161	6.7	19.6
11 27	4 26.56	+35 0.5	2.192	3.158	4.4	19.5
12 7	4 16.91	+34 29.9	2.192	3.155	4.5	19.5
12 17	4 8.08	+33 47.9	2.221	3.153	6.9	19.6
12 27	4 0.99	+32 59.3	2.277	3.150	9.7	19.8
1 6	3 56.26	+32 9.3	2.358	3.147	12.4	20.0

267506 2002 MJ_{1} 11 29.8 82°.28 11°.9/25.8 18

10 28	4 48.11	−19 4.1	2.429	3.155	14.1	20.3
11 7	4 42.06	−20 8.1	2.406	3.178	12.9	20.3
11 17	4 34.51	−20 48.8	2.404	3.200	12.1	20.3
11 27	4 26.20	−21 1.7	2.424	3.223	11.9	20.3
12 7	4 17.94	−20 45.3	2.466	3.245	12.2	20.4
12 17	4 10.49	−20 0.9	2.530	3.267	13.0	20.4
12 27	4 4.50	−18 52.2	2.615	3.289	14.0	20.6
1 6	4 0.39	−17 24.5	2.717	3.310	15.0	20.7

326870 2003 UY_{270} 11 29.8 82°.80 1°.3/29.4 18

10 28	4 48.69	+17 14.0	2.246	3.086	11.6	20.6
11 7	4 42.83	+17 18.8	2.177	3.091	8.4	20.4
11 17	4 35.16	+17 23.7	2.133	3.097	4.9	20.2
11 27	4 26.38	+17 29.2	2.118	3.102	1.6	20.0
12 7	4 17.41	+17 36.4	2.133	3.108	3.2	20.1
12 17	4 9.15	+17 46.1	2.178	3.113	6.7	20.4
12 27	4 2.42	+17 59.7	2.250	3.118	10.0	20.6
1 6	3 57.77	+18 17.9	2.346	3.124	12.7	20.8

118228 1996 TQ_{66} 11 29.8 33°.12 0°.4/ 1.9 17

10 28	4 27.40	+34 49.9	34.719	35.508	1.0	22.5
11 7	4 26.41	+34 50.2	34.637	35.510	0.8	22.5
11 17	4 25.33	+34 49.7	34.582	35.513	0.5	22.5
11 27	4 24.19	+34 48.4	34.557	35.515	0.4	22.4
12 7	4 23.03	+34 46.4	34.561	35.517	0.4	22.4
12 17	4 21.91	+34 43.7	34.595	35.519	0.6	22.5
12 27	4 20.87	+34 40.4	34.658	35.522	0.8	22.5
1 6	4 19.95	+34 36.8	34.748	35.524	1.0	22.5

378046 2006 TX_{23} 11 29.8 331°.92 0°.4/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.91	+22 0.6	1.102	1.977	18.4	20.5
11 7	4 44.89	+22 14.7	1.028	1.960	13.7	20.2
11 17	4 37.22	+22 24.2	0.974	1.944	8.1	19.9
11 27	4 26.95	+22 28.4	0.943	1.929	1.9	19.4
12 7	4 15.84	+22 28.0	0.935	1.915	4.6	19.6
12 17	4 5.89	+22 25.6	0.952	1.902	10.9	19.9
12 27	3 58.90	+22 25.8	0.990	1.891	16.6	20.1
1 6	3 55.90	+22 32.5	1.045	1.881	21.3	20.4

382754 2003 EW_{38} 11 29.8 200°.17 1°.8/29.2 18

10 28	4 52.09	+17 38.4	1.902	2.744	13.3	22.1
11 7	4 45.64	+17 20.9	1.825	2.741	9.7	21.8
11 17	4 36.93	+17 2.0	1.774	2.738	5.7	21.6
11 27	4 26.80	+16 43.2	1.750	2.734	2.0	21.3
12 7	4 16.37	+16 26.7	1.756	2.730	3.9	21.5
12 17	4 6.79	+16 14.9	1.791	2.725	8.1	21.7
12 27	3 59.07	+16 10.2	1.852	2.719	11.9	21.9
1 6	3 53.88	+16 14.2	1.936	2.714	15.1	22.1

269920 2000 KB_{9} 11 29.8 279°.71 1°.4/30.3 18

10 28	4 49.47	+25 23.9	2.389	3.218	11.3	20.7
11 7	4 43.63	+25 46.0	2.294	3.201	8.4	20.5
11 17	4 35.77	+26 3.2	2.224	3.184	5.1	20.3
11 27	4 26.56	+26 14.6	2.183	3.166	1.9	20.0
12 7	4 16.91	+26 19.7	2.173	3.148	2.9	20.1
12 17	4 7.80	+26 19.8	2.192	3.131	6.4	20.3
12 27	4 0.18	+26 17.1	2.239	3.113	9.8	20.5
1 6	3 54.71	+26 14.7	2.310	3.095	12.7	20.6

350090 2011 KN_{34} 11 29.8 56°.51 3°.6/28.7 18

10 28	4 52.58	+15 9.6	1.382	2.240	16.4	19.3
11 7	4 46.05	+14 23.7	1.347	2.269	11.9	19.1
11 17	4 37.04	+13 39.6	1.335	2.298	7.2	19.0
11 27	4 26.77	+13 1.3	1.348	2.328	3.7	18.8
12 7	4 16.67	+12 33.0	1.389	2.358	5.6	19.0
12 17	4 8.03	+12 17.3	1.456	2.388	9.8	19.3
12 27	4 1.83	+12 15.6	1.547	2.417	13.6	19.6
1 6	3 58.52	+12 27.2	1.659	2.447	16.8	19.9

228966 2003 UD_{161} 11 29.8 13°.70 1°.6/30.3 17

10 28	4 48.67	+25 26.1	1.822	2.667	13.6	19.8
11 7	4 43.32	+25 44.2	1.755	2.670	10.1	19.6
11 17	4 35.65	+25 55.8	1.712	2.674	6.1	19.4
11 27	4 26.52	+25 59.9	1.695	2.678	2.2	19.1
12 7	4 17.13	+25 56.9	1.707	2.684	3.4	19.2
12 17	4 8.65	+25 48.9	1.746	2.689	7.4	19.5
12 27	4 2.13	+25 39.4	1.812	2.696	11.2	19.7
1 6	3 58.21	+25 31.6	1.900	2.702	14.4	20.0

196008 2002 RV_{242} 11 29.8 59°.39 3°.8/ 1.6 17

10 28	4 49.96	+33 54.0	2.214	3.028	12.6	20.0
11 7	4 43.97	+34 1.8	2.145	3.036	9.8	19.8
11 17	4 35.89	+33 57.1	2.100	3.044	6.7	19.6
11 27	4 26.57	+33 38.4	2.082	3.052	4.2	19.5
12 7	4 17.09	+33 6.7	2.093	3.060	4.3	19.5
12 17	4 8.52	+32 25.0	2.133	3.068	6.9	19.7
12 27	4 1.79	+31 38.2	2.201	3.077	9.8	19.9
1 6	3 57.45	+30 51.2	2.292	3.085	12.5	20.1

436176 2009 WA_{9} 11 29.8 41°.15 3°.5/29.7 18

10 28	5 4.23	+21 22.5	1.175	2.023	19.3	20.1
11 7	4 55.91	+23 44.9	1.124	2.040	14.3	19.8
11 17	4 43.51	+26 8.8	1.095	2.057	8.7	19.6
11 27	4 28.35	+28 22.8	1.094	2.075	3.9	19.3
12 7	4 12.53	+30 16.9	1.121	2.094	5.7	19.5
12 17	3 58.34	+31 46.8	1.176	2.114	10.8	19.9
12 27	3 47.66	+32 55.3	1.255	2.134	15.5	20.2
1 6	3 41.41	+33 48.8	1.354	2.154	19.3	20.5

123309 2000 VV_{6} 11 29.8 334°.17 1°.4/30.2 17

10 28	4 49.98	+24 31.0	1.825	2.668	13.7	19.2
11 7	4 44.39	+24 53.6	1.747	2.662	10.2	19.0
11 17	4 36.35	+25 10.8	1.694	2.656	6.1	18.7
11 27	4 26.71	+25 21.5	1.667	2.651	2.0	18.5
12 7	4 16.66	+25 25.5	1.669	2.646	3.4	18.6
12 17	4 7.44	+25 24.5	1.699	2.642	7.7	18.8
12 27	4 0.18	+25 21.7	1.755	2.637	11.6	19.0
1 6	3 55.62	+25 20.3	1.834	2.634	15.0	19.3

409335 2004 VX_{38} 11 29.8 24°.43 0°.5/29.9 17

10 28	4 49.31	+22 26.4	1.794	2.642	13.7	21.2
11 7	4 43.74	+22 42.5	1.730	2.648	10.0	21.0
11 17	4 35.87	+22 54.6	1.690	2.654	5.9	20.7
11 27	4 26.59	+23 2.2	1.676	2.662	1.5	20.4
12 7	4 17.06	+23 5.8	1.691	2.669	3.2	20.6
12 17	4 8.46	+23 7.2	1.735	2.677	7.5	20.9
12 27	4 1.83	+23 8.9	1.804	2.686	11.3	21.1
1 6	3 57.78	+23 13.4	1.896	2.695	14.6	21.4

228922 2003 SL_{245} 11 29.8 86°.02 0°.3/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.07	+23 15.8	2.262	3.098	11.6	21.0
11 7	4 43.04	+23 6.4	2.202	3.114	8.5	20.9
11 17	4 35.24	+22 52.1	2.167	3.130	4.9	20.7
11 27	4 26.42	+22 33.5	2.161	3.146	1.2	20.4
12 7	4 17.53	+22 12.0	2.185	3.162	2.7	20.6
12 17	4 9.47	+21 50.2	2.238	3.178	6.3	20.8
12 27	4 3.03	+21 30.8	2.320	3.193	9.5	21.1
1 6	3 58.69	+21 16.1	2.425	3.209	12.2	21.3

73909 1997 GW_{18} 11 29.8 189°.95 1°.4/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.39	+18 56.6	2.196	3.034	11.9	20.8
11 7	4 44.13	+18 29.0	2.119	3.033	8.7	20.6
11 17	4 35.95	+17 58.6	2.068	3.031	5.1	20.4
11 27	4 26.60	+17 26.9	2.045	3.029	1.6	20.2
12 7	4 17.04	+16 56.6	2.053	3.027	3.4	20.3
12 17	4 8.24	+16 30.3	2.091	3.024	7.1	20.5
12 27	4 1.05	+16 10.7	2.156	3.020	10.5	20.7
1 6	3 56.05	+15 59.5	2.244	3.016	13.4	20.9

15920 1997 UB_{25} 11 29.8 64°.85 0°.9/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.71	+25 41.4	1.161	2.018	18.9	17.2
11 7	4 49.64	+25 14.4	1.122	2.043	13.8	17.0
11 17	4 39.33	+24 35.7	1.104	2.069	8.1	16.8
11 27	4 27.31	+23 46.7	1.110	2.095	2.1	16.5
12 7	4 15.50	+22 52.4	1.142	2.121	4.2	16.7
12 17	4 5.59	+21 59.5	1.201	2.146	9.7	17.1
12 27	3 58.82	+21 14.7	1.283	2.172	14.5	17.4
1 6	3 55.65	+20 42.3	1.385	2.197	18.3	17.8

101928 1999 RY_{19} 11 29.8 55°.86 2°.3/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.75	+27 46.2	1.210	2.065	18.4	19.0
11 7	4 48.40	+27 41.8	1.163	2.082	13.7	18.8
11 17	4 38.75	+27 24.0	1.137	2.100	8.3	18.6
11 27	4 27.21	+26 52.2	1.135	2.118	3.1	18.3
12 7	4 15.66	+26 9.6	1.159	2.136	4.4	18.5
12 17	4 5.83	+25 22.3	1.208	2.155	9.6	18.8
12 27	3 59.05	+24 37.6	1.282	2.174	14.2	19.1
1 6	3 55.89	+24 1.3	1.375	2.193	18.1	19.4

321823 2010 RZ_{46} 11 29.8 91°.55 0°.6/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.69	+21 20.2	1.978	2.821	12.8	20.9
11 7	4 43.71	+20 57.0	1.915	2.831	9.3	20.7
11 17	4 35.71	+20 29.3	1.876	2.841	5.4	20.5
11 27	4 26.54	+19 58.6	1.866	2.851	1.3	20.2
12 7	4 17.26	+19 27.3	1.885	2.862	3.2	20.4
12 17	4 8.90	+18 58.6	1.933	2.872	7.2	20.6
12 27	4 2.34	+18 35.6	2.008	2.881	10.8	20.9
1 6	3 58.13	+18 20.4	2.106	2.891	13.8	21.1

422532 2014 TV_{19} 11 29.8 185°.71 3°.1/30.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.64	+30 57.0	2.393	3.210	11.7	21.4
11 7	4 44.43	+31 24.1	2.315	3.210	9.0	21.3
11 17	4 36.20	+31 42.5	2.261	3.210	5.9	21.1
11 27	4 26.68	+31 50.1	2.236	3.209	3.4	20.9
12 7	4 16.86	+31 46.6	2.240	3.209	3.8	20.9
12 17	4 7.75	+31 33.8	2.274	3.208	6.5	21.1
12 27	4 0.29	+31 15.0	2.336	3.208	9.5	21.3
1 6	3 55.09	+30 54.2	2.421	3.207	12.2	21.5

71160 1999 XS_{195} 11 29.8 245°.72 0°.5/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.77	+21 12.8	1.885	2.723	13.5	18.4
11 7	4 47.11	+21 50.3	1.804	2.717	10.0	18.2
11 17	4 37.94	+22 26.3	1.748	2.711	5.9	17.9
11 27	4 27.10	+22 59.1	1.720	2.705	1.5	17.6
12 7	4 15.75	+23 27.6	1.722	2.699	3.3	17.8
12 17	4 5.19	+23 52.2	1.753	2.693	7.7	18.0
12 27	3 56.57	+24 14.6	1.812	2.687	11.7	18.2
1 6	3 50.66	+24 37.2	1.893	2.680	15.0	18.5

117439 Rosner 11 29.8 213°.10 1°.2/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.92	+25 25.9	2.030	2.863	12.9	20.9
11 7	4 45.55	+25 26.0	1.949	2.859	9.6	20.7
11 17	4 36.92	+25 18.9	1.893	2.854	5.7	20.4
11 27	4 26.85	+25 4.2	1.864	2.848	1.8	20.1
12 7	4 16.45	+24 43.1	1.865	2.842	3.1	20.2
12 17	4 6.87	+24 18.2	1.896	2.836	7.2	20.5
12 27	3 59.14	+23 53.3	1.954	2.829	10.9	20.7
1 6	3 53.93	+23 32.2	2.035	2.823	14.1	20.9

224617 Micromégas 11 29.8 127°.16 0°.7/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.52	+20 12.8	2.271	3.110	11.5	21.4
11 7	4 42.71	+20 1.9	2.201	3.116	8.4	21.2
11 17	4 35.10	+19 48.2	2.156	3.120	4.8	21.0
11 27	4 26.42	+19 32.7	2.140	3.125	1.2	20.7
12 7	4 17.57	+19 16.8	2.154	3.130	2.9	20.8
12 17	4 9.45	+19 2.8	2.197	3.135	6.6	21.1
12 27	4 2.87	+18 52.8	2.268	3.139	9.8	21.3
1 6	3 58.37	+18 48.5	2.363	3.143	12.6	21.5

127434 2002 PA_{17} 11 29.8 198°.53 0°.8/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.27	+20 5.6	2.675	3.510	10.1	20.8
11 7	4 41.61	+19 43.9	2.595	3.507	7.4	20.6
11 17	4 34.40	+19 19.2	2.541	3.504	4.3	20.4
11 27	4 26.26	+18 52.8	2.516	3.501	1.1	20.2
12 7	4 17.95	+18 26.5	2.522	3.497	2.7	20.3
12 17	4 10.22	+18 2.4	2.559	3.493	5.9	20.5
12 27	4 3.78	+17 42.7	2.624	3.489	8.9	20.7
1 6	3 59.11	+17 29.2	2.714	3.485	11.4	20.9

275467 2011 DJ_5 11 29.8 280°.61 5°.1/27.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.90	+ 6 56.0	2.293	3.129	11.5	20.6
11 7	4 40.79	+ 6 12.6	2.218	3.121	8.9	20.4
11 17	4 34.00	+ 5 35.1	2.168	3.114	6.4	20.2
11 27	4 26.18	+ 5 7.1	2.147	3.106	5.1	20.1
12 7	4 18.14	+ 4 51.4	2.153	3.098	6.2	20.2
12 17	4 10.71	+ 4 49.7	2.188	3.090	8.7	20.3
12 27	4 4.64	+ 5 2.5	2.248	3.082	11.4	20.5
1 6	4 0.46	+ 5 28.6	2.331	3.075	13.8	20.7

414659 2009 WM_{11} 11 29.8 1°.23 1°.0/29.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.81	+21 2.0	1.626	2.485	14.2	20.6
11 7	4 41.35	+20 30.8	1.559	2.483	10.4	20.4
11 17	4 34.55	+19 54.3	1.515	2.483	6.0	20.1
11 27	4 26.31	+19 14.9	1.497	2.483	1.5	19.9
12 7	4 17.85	+18 36.1	1.507	2.484	3.8	20.0
12 17	4 10.34	+18 1.8	1.544	2.486	8.3	20.3
12 27	4 4.83	+17 35.8	1.605	2.489	12.4	20.5
1 6	4 1.94	+17 20.3	1.688	2.493	15.8	20.8

445208 2009 DB_{105} 11 29.8 105°.05 6°.6/ 2.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.41	+38 58.7	1.964	2.758	14.7	21.2
11 7	4 49.23	+39 52.0	1.897	2.767	11.9	21.0
11 17	4 39.20	+40 29.1	1.854	2.776	9.0	20.9
11 27	4 27.36	+40 45.2	1.836	2.784	6.9	20.8
12 7	4 15.16	+40 38.7	1.846	2.793	6.9	20.8
12 17	4 4.09	+40 12.0	1.884	2.801	8.9	20.9
12 27	3 55.43	+39 31.2	1.947	2.809	11.6	21.1
1 6	3 49.91	+38 44.0	2.034	2.817	14.3	21.3

195716 2002 PM_{57} 11 29.8 67°.44 8°.0/26.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.94	− 2 5.9	2.234	3.049	12.5	19.5
11 7	4 40.65	− 3 12.9	2.191	3.065	10.3	19.4
11 17	4 33.81	− 4 6.8	2.172	3.080	8.7	19.3
11 27	4 26.12	− 4 42.6	2.179	3.096	8.0	19.3
12 7	4 18.39	− 4 57.7	2.213	3.112	8.8	19.4
12 17	4 11.42	− 4 51.3	2.273	3.128	10.5	19.5
12 27	4 5.86	− 4 24.9	2.357	3.144	12.4	19.7
1 6	4 2.18	− 3 41.7	2.461	3.159	14.3	19.9

422380 2014 SB_{263} 11 29.8 355°.68 8°.0/24.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 45.07	+ 7 38.8	1.655	2.510	14.3	19.4
11 7	4 40.60	+ 5 12.0	1.595	2.505	11.2	19.2
11 17	4 34.02	+ 2 48.4	1.559	2.501	8.7	19.0
11 27	4 26.19	+ 0 38.3	1.551	2.498	8.1	19.0
12 7	4 18.19	− 1 9.1	1.570	2.496	9.7	19.1
12 17	4 11.09	− 2 27.8	1.615	2.495	12.6	19.3
12 27	4 5.80	− 3 15.8	1.683	2.495	15.5	19.5
1 6	4 2.91	− 3 35.2	1.769	2.496	18.1	19.7

425604 2010 UA_{54} 11 29.8 74°.73 3°.0/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 58.74	+27 54.4	1.264	2.110	18.4	20.8
11 7	4 51.22	+28 19.1	1.220	2.134	13.7	20.6
11 17	4 40.35	+28 31.3	1.198	2.157	8.5	20.3
11 27	4 27.59	+28 28.5	1.200	2.181	3.7	20.1
12 7	4 14.82	+28 11.7	1.229	2.204	4.7	20.3
12 17	4 3.86	+27 45.4	1.284	2.228	9.5	20.6
12 27	3 56.03	+27 16.7	1.364	2.250	13.9	20.9
1 6	3 51.93	+26 51.6	1.464	2.273	17.6	21.2

480472 2015 LO_{10} 11 29.8 103°.14 2°.6/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.26	+13 30.5	1.797	2.637	14.0	21.0
11 7	4 47.13	+13 42.1	1.740	2.653	10.3	20.8
11 17	4 37.74	+13 57.5	1.708	2.669	6.2	20.6
11 27	4 27.02	+14 17.3	1.703	2.684	2.8	20.4
12 7	4 16.15	+14 41.9	1.728	2.699	4.4	20.5
12 17	4 6.32	+15 11.6	1.782	2.714	8.3	20.8
12 27	3 58.50	+15 46.5	1.863	2.728	11.9	21.1
1 6	3 53.29	+16 26.6	1.966	2.742	15.0	21.3

519730 2013 CR_{207} 11 29.8 176°.75 3°.0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.41	+12 31.4	2.146	2.984	12.1	21.9
11 7	4 44.16	+12 24.7	2.074	2.985	9.0	21.7
11 17	4 35.99	+12 21.3	2.027	2.986	5.6	21.5
11 27	4 26.64	+12 22.9	2.009	2.986	3.1	21.3
12 7	4 17.06	+12 30.8	2.020	2.987	4.4	21.4
12 17	4 8.20	+12 46.1	2.061	2.987	7.7	21.6
12 27	4 0.94	+13 9.1	2.129	2.986	11.0	21.8
1 6	3 55.85	+13 39.8	2.220	2.986	13.8	22.0

225429 2000 BJ_{35} 11 29.8 284°.60 5°.8/ 2.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.18	+39 17.5	2.332	3.122	12.8	20.0
11 7	4 46.00	+39 46.8	2.232	3.100	10.5	19.8
11 17	4 37.33	+40 1.7	2.156	3.077	8.0	19.6
11 27	4 26.98	+39 58.5	2.105	3.055	6.1	19.4
12 7	4 16.09	+39 36.1	2.083	3.032	6.0	19.4
12 17	4 5.92	+38 56.1	2.090	3.010	8.0	19.5
12 27	3 57.62	+38 3.6	2.123	2.987	10.7	19.6
1 6	3 51.98	+37 5.2	2.180	2.964	13.4	19.7

380412 2003 AW_{71} 11 29.8 328°.56 3°.5/ 1.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.13	+36 45.1	1.147	1.992	19.9	19.4
11 7	4 46.60	+35 8.9	1.058	1.968	15.6	19.0
11 17	4 38.16	+32 52.8	0.989	1.945	10.3	18.7
11 27	4 27.19	+29 56.2	0.943	1.923	4.8	18.3
12 7	4 15.74	+26 28.9	0.924	1.903	5.0	18.2
12 17	4 5.94	+22 50.2	0.933	1.883	11.0	18.5
12 27	3 59.44	+19 23.0	0.966	1.866	17.0	18.8
1 6	3 57.02	+16 24.2	1.020	1.850	22.1	19.0

183162 2002 SR_{22} 11 29.8 123°.32 2°.3/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.97	+27 16.7	1.691	2.523	15.1	20.6
11 7	4 49.46	+27 36.2	1.630	2.537	11.3	20.4
11 17	4 39.23	+27 46.2	1.593	2.551	6.9	20.2
11 27	4 27.37	+27 45.0	1.583	2.564	2.9	19.9
12 7	4 15.32	+27 33.0	1.602	2.577	3.9	20.0
12 17	4 4.51	+27 13.2	1.650	2.590	8.1	20.3
12 27	3 56.13	+26 50.6	1.724	2.601	12.0	20.6
1 6	3 50.81	+26 30.1	1.820	2.612	15.3	20.8

32884 1993 SO_{14} 11 29.8 154°.36 1°.3/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.85	+19 0.5	2.049	2.886	12.7	20.5
11 7	4 45.96	+18 37.6	1.982	2.895	9.2	20.3
11 17	4 37.01	+18 11.9	1.940	2.903	5.4	20.1
11 27	4 26.87	+17 45.0	1.926	2.911	1.7	19.9
12 7	4 16.59	+17 19.3	1.943	2.917	3.5	20.0
12 17	4 7.20	+16 57.4	1.990	2.924	7.4	20.3
12 27	3 59.63	+16 42.0	2.064	2.929	10.9	20.5
1 6	3 54.42	+16 34.9	2.161	2.934	13.9	20.7

349793 2009 BX_{73} 11 29.8 17°.17 1°.6/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.00	+26 42.6	1.244	2.107	17.5	19.8
11 7	4 44.29	+26 28.8	1.189	2.113	13.0	19.6
11 17	4 36.46	+26 2.8	1.154	2.120	7.8	19.3
11 27	4 26.77	+25 25.1	1.143	2.128	2.5	19.0
12 7	4 16.88	+24 39.2	1.158	2.137	4.1	19.1
12 17	4 8.42	+23 50.8	1.198	2.147	9.4	19.5
12 27	4 2.69	+23 6.7	1.262	2.158	14.1	19.8
1 6	4 0.33	+22 32.1	1.346	2.170	18.0	20.1

490465 2009 SM_{287} 11 29.8 339°.23 1°.3/30.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.62	+26 17.6	1.824	2.669	13.6	21.6
11 7	4 42.63	+26 5.8	1.745	2.661	10.1	21.4
11 17	4 35.32	+25 45.0	1.691	2.653	6.1	21.1
11 27	4 26.52	+25 15.4	1.662	2.646	2.0	20.9
12 7	4 17.41	+24 39.1	1.662	2.640	3.3	20.9
12 17	4 9.18	+23 59.7	1.690	2.634	7.5	21.2
12 27	4 2.87	+23 21.9	1.744	2.629	11.5	21.4
1 6	3 59.15	+22 49.8	1.821	2.624	14.9	21.6

409746 2006 DL_{44} 11 29.8 288°.45 1°.5/30.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.63	+26 53.9	2.159	2.992	12.2	21.2
11 7	4 43.12	+26 48.6	2.072	2.981	9.1	21.0
11 17	4 35.51	+26 35.1	2.010	2.970	5.6	20.7
11 27	4 26.57	+26 13.4	1.975	2.958	2.0	20.5
12 7	4 17.29	+25 44.6	1.970	2.947	3.1	20.5
12 17	4 8.74	+25 11.4	1.994	2.935	6.8	20.7
12 27	4 1.86	+24 38.0	2.045	2.924	10.4	20.9
1 6	3 57.29	+24 8.0	2.120	2.913	13.4	21.1

79512 1998 KE_{3} 11 29.8 264°.38 5°.2/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 21.67	+23 7.3	1.495	2.295	18.3	18.9
11 7	5 10.21	+26 7.5	1.382	2.271	14.2	18.6
11 17	4 53.15	+29 22.7	1.297	2.246	9.3	18.2
11 27	4 30.93	+32 36.5	1.246	2.220	5.4	18.0
12 7	4 5.40	+35 28.1	1.231	2.193	7.5	18.0
12 17	3 39.63	+37 42.3	1.253	2.165	12.8	18.2
12 27	3 16.94	+39 18.1	1.305	2.137	18.1	18.5
1 6	2 59.56	+40 26.3	1.381	2.108	22.4	18.7

460430 2014 SJ_{158} 11 29.8 357°.26 5°.8/27.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 44.79	+ 9 10.9	1.805	2.658	13.4	20.4
11 7	4 40.31	+ 7 56.9	1.741	2.655	10.2	20.2
11 17	4 33.84	+ 6 47.2	1.701	2.653	7.2	20.0
11 27	4 26.18	+ 5 47.5	1.688	2.652	5.8	19.9
12 7	4 18.34	+ 5 2.8	1.702	2.651	7.2	20.0
12 17	4 11.30	+ 4 36.4	1.743	2.651	10.1	20.2
12 27	4 5.95	+ 4 29.3	1.808	2.651	13.2	20.4
1 6	4 2.85	+ 4 40.3	1.893	2.653	16.0	20.6

14648 1998 XV_{49} 11 29.8 207°.95 2°.9/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.40	+30 59.3	2.667	3.479	10.8	18.3
11 7	4 44.14	+31 26.9	2.583	3.476	8.3	18.1
11 17	4 36.00	+31 46.6	2.525	3.472	5.5	18.0
11 27	4 26.68	+31 56.5	2.495	3.468	3.2	17.8
12 7	4 17.04	+31 56.3	2.496	3.464	3.6	17.8
12 17	4 8.01	+31 47.2	2.527	3.460	6.1	18.0
12 27	4 0.45	+31 32.1	2.586	3.455	8.8	18.2
1 6	3 54.94	+31 14.6	2.670	3.450	11.3	18.3

137239 1999 RB_{31} 11 29.8 113°.59 14°.5/ 6.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.41	+57 48.5	1.733	2.426	20.0	19.8
11 7	5 5.44	+59 35.5	1.683	2.442	18.1	19.7
11 17	4 49.66	+60 51.1	1.650	2.457	16.3	19.6
11 27	4 29.83	+61 23.0	1.637	2.472	15.0	19.6
12 7	4 9.21	+61 5.6	1.645	2.487	14.5	19.6
12 17	3 51.30	+60 2.7	1.675	2.501	15.0	19.6
12 27	3 38.60	+58 27.0	1.726	2.514	16.2	19.8
1 6	3 31.88	+56 34.3	1.797	2.527	17.8	19.9

110109 2001 SC_{134} 11 29.8 344°.28 0°.2/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.74	+22 26.7	1.710	2.561	14.1	19.1
11 7	4 43.48	+22 5.1	1.637	2.557	10.3	18.9
11 17	4 35.81	+21 37.4	1.588	2.554	6.0	18.6
11 27	4 26.66	+21 4.8	1.565	2.551	1.3	18.3
12 7	4 17.22	+20 30.0	1.571	2.548	3.5	18.4
12 17	4 8.71	+19 56.8	1.604	2.546	8.1	18.7
12 27	4 2.23	+19 29.3	1.663	2.544	12.2	19.0
1 6	3 58.42	+19 10.4	1.744	2.543	15.6	19.2

393477 2002 JB_{16} 11 29.8 209°.91 4°.9/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 57.08	+35 0.2	2.264	3.061	12.9	22.0
11 7	4 49.52	+35 50.2	2.177	3.055	10.2	21.8
11 17	4 39.38	+36 28.9	2.114	3.048	7.4	21.6
11 27	4 27.49	+36 52.3	2.079	3.040	5.2	21.4
12 7	4 15.04	+36 58.3	2.075	3.031	5.4	21.4
12 17	4 3.35	+36 48.1	2.099	3.022	7.8	21.6
12 27	3 53.63	+36 26.1	2.152	3.012	10.7	21.7
1 6	3 46.65	+35 58.0	2.228	3.002	13.5	21.9

448071 2008 GC_{84} 11 29.8 309°.18 1°.4/29.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.68	+18 48.7	1.726	2.579	13.9	21.5
11 7	4 43.55	+18 36.7	1.641	2.562	10.2	21.3
11 17	4 35.96	+18 22.4	1.579	2.545	6.0	21.0
11 27	4 26.72	+18 7.3	1.544	2.529	1.8	20.7
12 7	4 16.99	+17 53.4	1.537	2.513	3.9	20.8
12 17	4 8.03	+17 43.4	1.557	2.497	8.5	21.0
12 27	4 0.98	+17 39.9	1.603	2.481	12.7	21.2
1 6	3 56.62	+17 45.0	1.670	2.466	16.3	21.5

400957 2010 VD_{169} 11 29.8 110°.11 0°.2/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.04	+22 1.1	2.113	2.954	12.2	21.6
11 7	4 43.24	+21 47.1	2.043	2.958	8.9	21.4
11 17	4 35.49	+21 28.4	1.998	2.962	5.2	21.2
11 27	4 26.57	+21 6.1	1.981	2.966	1.1	20.9
12 7	4 17.47	+20 42.1	1.993	2.970	3.0	21.1
12 17	4 9.17	+20 18.8	2.035	2.974	6.8	21.3
12 27	4 2.56	+19 59.4	2.104	2.978	10.3	21.5
1 6	3 58.18	+19 46.1	2.196	2.982	13.3	21.8

283838 2003 UM_{83} 11 29.8 17°.01 3°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.10	+19 34.3	1.333	2.200	16.3	20.0
11 7	4 43.23	+17 55.5	1.276	2.204	11.9	19.8
11 17	4 35.69	+16 9.1	1.242	2.210	7.1	19.5
11 27	4 26.62	+14 22.5	1.234	2.216	3.4	19.3
12 7	4 17.46	+12 44.5	1.253	2.223	5.9	19.5
12 17	4 9.60	+11 23.0	1.298	2.232	10.5	19.8
12 27	4 4.12	+10 23.4	1.367	2.240	14.8	20.1
1 6	4 1.61	+ 9 46.6	1.455	2.250	18.4	20.3

485799 2012 DE_{33} 11 29.8 35°.94 3°.3/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.94	+29 13.5	1.866	2.698	13.9	20.4
11 7	4 45.81	+29 55.0	1.800	2.704	10.5	20.2
11 17	4 37.18	+30 27.6	1.758	2.712	6.8	20.0
11 27	4 26.98	+30 48.5	1.743	2.719	3.7	19.8
12 7	4 16.45	+30 57.0	1.756	2.727	4.3	19.9
12 17	4 6.89	+30 54.6	1.797	2.735	7.7	20.1
12 27	3 59.40	+30 45.3	1.865	2.743	11.2	20.3
1 6	3 54.69	+30 33.7	1.955	2.752	14.3	20.6

108851 2001 OF_{94} 11 29.8 212°.88 2°.9/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.28	+30 12.9	1.931	2.753	13.9	20.6
11 7	4 48.26	+30 19.7	1.846	2.746	10.6	20.4
11 17	4 38.63	+30 15.1	1.785	2.738	6.8	20.2
11 27	4 27.31	+29 57.1	1.752	2.730	3.4	19.9
12 7	4 15.58	+29 26.3	1.748	2.722	4.0	20.0
12 17	4 4.79	+28 46.1	1.774	2.712	7.8	20.2
12 27	3 56.13	+28 1.8	1.826	2.702	11.6	20.4
1 6	3 50.33	+27 19.4	1.902	2.691	14.9	20.6

91592 1999 TU_3 11 29.8 297°.36 4°.1/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.61	+32 46.6	2.093	2.911	13.1	18.5
11 7	4 45.53	+33 21.5	2.012	2.905	10.2	18.3
11 17	4 37.03	+33 45.6	1.955	2.900	7.0	18.1
11 27	4 26.96	+33 56.0	1.925	2.895	4.5	17.9
12 7	4 16.46	+33 52.0	1.924	2.890	4.8	17.9
12 17	4 6.77	+33 35.2	1.951	2.884	7.6	18.1
12 27	3 59.00	+33 9.9	2.005	2.879	10.8	18.3
1 6	3 53.87	+32 41.5	2.082	2.875	13.7	18.5

472786 2015 FF_{150} 11 29.8 200°.53 1°.5/30.2 18

10 28	4 55.64	+25 1.7	1.758	2.593	14.5	21.7
11 7	4 48.64	+25 19.3	1.680	2.590	10.8	21.5
11 17	4 38.90	+25 30.2	1.626	2.587	6.5	21.2
11 27	4 27.39	+25 32.8	1.599	2.583	2.2	20.9
12 7	4 15.42	+25 27.4	1.601	2.578	3.6	21.0
12 17	4 4.42	+25 16.0	1.633	2.573	8.1	21.3
12 27	3 55.64	+25 2.8	1.690	2.567	12.3	21.5
1 6	3 49.84	+24 52.0	1.770	2.561	15.8	21.7

26233 Jimbraun 11 29.8 283°.68 1°.4/30.3 18

10 28	4 52.54	+26 24.0	1.463	2.312	16.1	17.8
11 7	4 46.76	+26 8.7	1.387	2.305	12.1	17.6
11 17	4 37.95	+25 42.0	1.334	2.297	7.3	17.3
11 27	4 27.18	+25 3.9	1.305	2.290	2.3	16.9
12 7	4 15.98	+24 16.8	1.304	2.282	3.9	17.0
12 17	4 5.92	+23 26.1	1.330	2.275	9.1	17.3
12 27	3 58.39	+22 38.5	1.380	2.267	13.8	17.6
1 6	3 54.15	+21 59.3	1.452	2.260	17.8	17.8

60116 1999 TW_{222} 11 29.8 345°.41 4°.2/28.6 18

10 28	4 48.10	+ 9 51.8	1.945	2.789	12.9	18.1
11 7	4 42.67	+ 9 38.6	1.875	2.787	9.7	17.9
11 17	4 35.23	+ 9 31.3	1.828	2.784	6.4	17.7
11 27	4 26.54	+ 9 32.5	1.809	2.782	4.3	17.6
12 7	4 17.59	+ 9 43.8	1.819	2.780	5.5	17.7
12 17	4 9.38	+10 6.1	1.856	2.778	8.7	17.9
12 27	4 2.83	+10 39.2	1.919	2.777	12.0	18.1
1 6	3 58.53	+11 22.1	2.004	2.775	14.9	18.3

364147 2006 FD_{12} 11 29.8 46°.42 4°.6/27.9 18

10 28	4 46.29	+ 9 27.3	2.117	2.960	12.1	20.4
11 7	4 41.12	+ 8 40.7	2.056	2.966	9.1	20.2
11 17	4 34.21	+ 7 58.9	2.020	2.972	6.3	20.1
11 27	4 26.30	+ 7 25.3	2.011	2.978	4.6	20.0
12 7	4 18.26	+ 7 3.2	2.031	2.984	5.8	20.1
12 17	4 10.96	+ 6 54.3	2.079	2.990	8.5	20.3
12 27	4 5.17	+ 6 59.3	2.152	2.996	11.4	20.4
1 6	4 1.39	+ 7 17.3	2.248	3.003	13.9	20.6

145182 2005 JT_{20} 11 29.8 81°.18 5°.1/28.3 18

10 28	4 50.35	+ 8 28.8	1.843	2.685	13.7	19.7
11 7	4 44.15	+ 7 57.4	1.794	2.703	10.3	19.5
11 17	4 35.97	+ 7 33.1	1.769	2.721	7.0	19.3
11 27	4 26.69	+ 7 19.1	1.771	2.739	5.1	19.3
12 7	4 17.36	+ 7 17.9	1.802	2.756	6.3	19.4
12 17	4 9.01	+ 7 30.3	1.860	2.774	9.2	19.6
12 27	4 2.49	+ 7 55.9	1.944	2.791	12.3	19.8
1 6	3 58.30	+ 8 33.1	2.049	2.809	15.0	20.0

493914 2015 XU_{327} 11 29.8 318°.41 0°.3/29.9 17

10 28	4 48.46	+25 17.7	2.038	2.877	12.6	20.8
11 7	4 42.95	+24 36.2	1.960	2.873	9.3	20.6
11 17	4 35.38	+23 45.7	1.906	2.869	5.4	20.3
11 27	4 26.58	+22 47.9	1.881	2.866	1.3	20.0
12 7	4 17.59	+21 46.0	1.885	2.862	3.0	20.2
12 17	4 9.45	+20 44.7	1.918	2.859	7.1	20.4
12 27	4 3.07	+19 48.8	1.979	2.856	10.7	20.6
1 6	3 59.02	+19 1.9	2.063	2.853	13.9	20.8

322213 2011 AD_{43} 11 29.8 71°.83 0°.5/29.6 18

10 28	4 48.86	+20 38.7	2.123	2.965	12.1	21.0
11 7	4 43.03	+20 30.0	2.063	2.978	8.8	20.8
11 17	4 35.33	+20 18.2	2.027	2.992	5.1	20.6
11 27	4 26.56	+20 4.2	2.020	3.005	1.2	20.4
12 7	4 17.67	+19 49.7	2.042	3.019	3.0	20.6
12 17	4 9.63	+19 36.7	2.094	3.032	6.7	20.8
12 27	4 3.24	+19 27.5	2.172	3.046	10.1	21.1
1 6	3 59.03	+19 24.0	2.274	3.059	12.9	21.3

132752 2002 PK_{49} 11 29.8 12°.46 1°.9/28.9 18

10 28	4 46.48	+18 14.2	2.100	2.947	12.0	19.4
11 7	4 41.36	+17 31.8	2.030	2.948	8.7	19.2
11 17	4 34.41	+16 46.8	1.985	2.949	5.1	19.0
11 27	4 26.36	+16 1.8	1.968	2.951	2.0	18.8
12 7	4 18.16	+15 20.1	1.981	2.953	3.8	18.9
12 17	4 10.73	+14 44.9	2.022	2.955	7.3	19.1
12 27	4 4.88	+14 19.0	2.090	2.958	10.7	19.3
1 6	4 1.13	+14 3.7	2.181	2.960	13.6	19.5

519295 2011 CU_{120} 11 29.8 161°.68 3°.0/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.14	+30 28.7	1.710	2.538	15.1	21.4
11 7	4 48.28	+30 28.9	1.639	2.542	11.5	21.2
11 17	4 38.65	+30 16.0	1.591	2.545	7.4	21.0
11 27	4 27.34	+29 48.4	1.570	2.548	3.6	20.8
12 7	4 15.76	+29 7.6	1.577	2.551	4.2	20.8
12 17	4 5.36	+28 17.9	1.612	2.553	8.2	21.0
12 27	3 57.36	+27 26.0	1.674	2.555	12.2	21.3
1 6	3 52.42	+26 37.9	1.758	2.556	15.6	21.5

313952 2004 RT_{197} 11 29.8 90°.92 4°.7/ 1.9 18

10 28	4 52.57	+35 52.3	2.178	2.983	13.1	20.2
11 7	4 46.02	+36 15.8	2.112	2.994	10.3	20.1
11 17	4 37.19	+36 25.7	2.069	3.004	7.4	19.9
11 27	4 27.00	+36 19.5	2.053	3.015	5.0	19.8
12 7	4 16.61	+35 57.4	2.066	3.026	5.1	19.8
12 17	4 7.21	+35 22.0	2.107	3.036	7.4	20.0
12 27	3 59.78	+34 38.6	2.176	3.047	10.2	20.2
1 6	3 54.94	+33 52.9	2.268	3.057	12.8	20.4

357632 2005 ET_{288} 11 29.8 182°.63 0°.5/29.7 18

10 28	4 50.65	+21 14.7	1.961	2.802	12.9	21.6
11 7	4 44.60	+21 0.0	1.887	2.803	9.5	21.3
11 17	4 36.38	+20 41.1	1.838	2.803	5.5	21.1
11 27	4 26.83	+20 18.8	1.817	2.803	1.3	20.8
12 7	4 17.03	+19 55.2	1.825	2.802	3.2	21.0
12 17	4 8.09	+19 33.0	1.863	2.802	7.4	21.2
12 27	4 0.97	+19 15.4	1.927	2.801	11.1	21.5
1 6	3 56.28	+19 4.8	2.014	2.800	14.3	21.7

404628 2014 HL_6 11 29.8 80°.72 1°.8/29.3 18

10 28	4 51.31	+17 12.1	1.733	2.581	14.1	20.8
11 7	4 45.19	+17 6.3	1.671	2.589	10.3	20.5
11 17	4 36.75	+17 0.4	1.632	2.597	6.0	20.3
11 27	4 26.91	+16 55.5	1.621	2.605	2.1	20.1
12 7	4 16.87	+16 53.3	1.638	2.613	4.0	20.2
12 17	4 7.81	+16 55.5	1.684	2.621	8.2	20.5
12 27	4 0.77	+17 4.0	1.755	2.629	12.1	20.7
1 6	3 56.35	+17 19.8	1.848	2.636	15.3	21.0

135333 2001 TE_1 11 29.8 148°.03 3°.3/30.9 18

10 28	4 57.24	+30 5.8	1.959	2.777	13.9	20.9
11 7	4 49.56	+30 37.0	1.890	2.787	10.5	20.7
11 17	4 39.32	+30 58.0	1.846	2.797	6.9	20.5
11 27	4 27.50	+31 6.1	1.830	2.805	3.7	20.3
12 7	4 15.39	+31 0.7	1.843	2.814	4.2	20.4
12 17	4 4.34	+30 44.2	1.886	2.821	7.6	20.6
12 27	3 55.46	+30 21.3	1.956	2.828	11.1	20.8
1 6	3 49.45	+29 57.4	2.050	2.834	14.1	21.0

6166 Univsima 11 29.8 332°.98 4°.6/ 1.3 18 R

10 28	4 51.68	+33 20.4	1.970	2.790	13.8	16.6
11 7	4 45.76	+34 3.4	1.892	2.785	10.8	16.4
11 17	4 37.26	+34 35.1	1.837	2.780	7.5	16.2
11 27	4 27.06	+34 52.1	1.808	2.775	5.0	16.0
12 7	4 16.40	+34 52.9	1.807	2.771	5.2	16.0
12 17	4 6.58	+34 39.3	1.835	2.767	8.0	16.2
12 27	3 58.81	+34 15.9	1.888	2.763	11.3	16.4
1 6	3 53.85	+33 48.1	1.964	2.760	14.3	16.6

179592 2002 LM_{40} 11 29.8 126°.88 4°.1/28.7 18

10 28	4 54.45	+12 7.8	1.653	2.497	14.9	20.9
11 7	4 47.40	+11 39.8	1.598	2.511	11.0	20.7
11 17	4 37.97	+11 15.8	1.566	2.524	7.0	20.5
11 27	4 27.17	+10 58.9	1.561	2.537	4.2	20.4
12 7	4 16.27	+10 51.7	1.585	2.549	5.7	20.5
12 17	4 6.49	+10 55.9	1.637	2.561	9.5	20.7
12 27	3 58.87	+11 12.1	1.714	2.572	13.1	21.0
1 6	3 53.98	+11 39.6	1.813	2.582	16.3	21.2

397608 2007 VX_{165} 11 29.8 138°.27 0°.7/29.6 18

10 28	4 50.60	+20 44.2	1.911	2.754	13.1	21.7
11 7	4 44.56	+20 26.3	1.842	2.758	9.6	21.5
11 17	4 36.35	+20 4.3	1.797	2.762	5.6	21.2
11 27	4 26.83	+19 39.6	1.780	2.765	1.4	20.9
12 7	4 17.11	+19 14.4	1.792	2.769	3.4	21.1
12 17	4 8.29	+18 51.5	1.833	2.772	7.5	21.4
12 27	4 1.33	+18 34.1	1.901	2.775	11.3	21.6
1 6	3 56.82	+18 24.4	1.991	2.778	14.4	21.8

145968 2000 AM_{31} 11 29.8 2°.84 1°.8/29.5 18

10 28	4 47.02	+17 39.7	0.938	1.826	19.6	18.4
11 7	4 43.56	+17 47.5	0.885	1.823	14.5	18.1
11 17	4 36.43	+17 56.4	0.851	1.822	8.5	17.7
11 27	4 26.92	+18 7.5	0.838	1.823	2.5	17.4
12 7	4 16.92	+18 22.3	0.848	1.826	5.3	17.6
12 17	4 8.41	+18 42.5	0.880	1.831	11.4	17.9
12 27	4 3.04	+19 9.8	0.933	1.838	16.9	18.3
1 6	4 1.60	+19 44.8	1.003	1.846	21.4	18.6

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
216587 2002 LD_{23}			11 29.8 111°.04		3°.1/28.8 16	
	h m	° ′			°	m
10 28	4 55.48	+15 0.2	1.715	2.556	14.5	20.9
11 7	4 47.96	+14 24.5	1.667	2.580	10.6	20.7
11 17	4 38.20	+13 49.7	1.643	2.604	6.4	20.5
11 27	4 27.23	+13 18.8	1.646	2.626	3.2	20.4
12 7	4 16.30	+12 54.8	1.679	2.648	4.9	20.6
12 17	4 6.58	+12 40.4	1.741	2.669	8.8	20.8
12 27	3 59.02	+12 37.2	1.829	2.688	12.4	21.1
1 6	3 54.14	+12 45.3	1.939	2.708	15.4	21.3
204877 2007 TF_{5}			11 29.8 149°.67		0°.9/30.2 18	
10 28	4 52.11	+24 49.3	1.945	2.781	13.3	20.6
11 7	4 45.71	+24 48.2	1.874	2.786	9.8	20.4
11 17	4 37.05	+24 40.2	1.828	2.790	5.8	20.2
11 27	4 27.01	+24 25.2	1.809	2.794	1.7	19.9
12 7	4 16.73	+24 4.5	1.820	2.798	3.1	20.0
12 17	4 7.38	+23 40.9	1.860	2.801	7.2	20.3
12 27	3 59.97	+23 18.2	1.927	2.804	11.0	20.5
1 6	3 55.10	+22 59.8	2.017	2.807	14.1	20.8
403600 2010 RM_{10}			11 29.8 148°.27		1°.8/30.6 18	
10 28	4 51.42	+27 59.8	2.246	3.071	12.1	21.6
11 7	4 44.98	+28 0.2	2.174	3.078	9.0	21.4
11 17	4 36.54	+27 52.1	2.127	3.084	5.6	21.2
11 27	4 26.89	+27 35.1	2.108	3.089	2.3	21.0
12 7	4 17.06	+27 10.1	2.119	3.095	3.1	21.1
12 17	4 8.07	+26 39.9	2.160	3.100	6.5	21.3
12 27	4 0.80	+26 8.3	2.229	3.104	9.8	21.5
1 6	3 55.84	+25 39.2	2.322	3.109	12.6	21.7
5482 Korankei			11 29.8 190°.93		1°.7/30.6 18	
10 28	4 53.08	+27 47.3	2.177	3.001	12.5	18.1
11 7	4 46.31	+27 42.6	2.096	3.000	9.3	17.9
11 17	4 37.37	+27 29.0	2.041	2.998	5.7	17.7
11 27	4 27.09	+27 5.8	2.013	2.995	2.3	17.5
12 7	4 16.55	+26 34.3	2.016	2.992	3.2	17.5
12 17	4 6.85	+25 57.6	2.049	2.988	6.8	17.7
12 27	3 58.96	+25 19.9	2.110	2.984	10.3	18.0
1 6	3 53.50	+24 45.6	2.195	2.979	13.3	18.2
491630 2012 TM_{153}			11 29.9 109°.02		1°.3/30.3 16	
10 28	4 55.66	+25 12.6	1.777	2.611	14.4	22.2
11 7	4 48.31	+25 18.7	1.721	2.631	10.6	22.0
11 17	4 38.53	+25 17.3	1.688	2.649	6.3	21.8
11 27	4 27.34	+25 7.6	1.683	2.667	2.0	21.6
12 7	4 16.07	+24 50.9	1.708	2.685	3.4	21.7
12 17	4 5.98	+24 30.2	1.762	2.702	7.6	22.0
12 27	3 58.12	+24 9.8	1.842	2.719	11.4	22.3
1 6	3 53.08	+23 53.3	1.945	2.735	14.6	22.5
50741 2000 EW_{157}			11 29.9 331°.29		1°.5/29.3 18	
10 28	4 47.46	+21 19.0	1.153	2.028	17.7	19.0
11 7	4 43.60	+20 35.0	1.079	2.011	13.1	18.6
11 17	4 36.41	+19 41.8	1.025	1.995	7.7	18.3
11 27	4 26.96	+18 42.6	0.995	1.980	2.1	17.9
12 7	4 16.89	+17 43.3	0.989	1.966	5.1	18.1
12 17	4 8.00	+16 51.0	1.007	1.954	11.0	18.4
12 27	4 1.84	+16 12.4	1.048	1.942	16.4	18.6
1 6	3 59.30	+15 51.0	1.106	1.932	21.0	18.9
328015 2007 HO_{96}			11 29.9 144°.87		0°.6/30.1 17	
10 28	4 50.16	+22 58.3	2.488	3.317	10.9	21.3
11 7	4 43.91	+23 16.3	2.414	3.323	8.0	21.1
11 17	4 35.89	+23 30.8	2.366	3.328	4.7	20.9
11 27	4 26.77	+23 41.1	2.348	3.333	1.3	20.6
12 7	4 17.42	+23 47.5	2.360	3.337	2.6	20.8
12 17	4 8.74	+23 51.1	2.403	3.341	6.0	21.0
12 27	4 1.51	+23 53.9	2.474	3.346	9.1	21.2
1 6	3 56.30	+23 58.0	2.570	3.349	11.7	21.4
142828 2002 VW_{10}			11 29.9 100°.26		2°.8/30.7 18	
10 28	4 53.57	+28 10.4	1.897	2.726	13.8	20.1
11 7	4 46.98	+28 45.0	1.828	2.733	10.4	19.9
11 17	4 37.89	+29 11.4	1.783	2.739	6.6	19.6
11 27	4 27.24	+29 27.1	1.766	2.745	3.2	19.4
12 7	4 16.26	+29 31.6	1.778	2.751	4.0	19.5
12 17	4 6.24	+29 26.6	1.818	2.757	7.6	19.7
12 27	3 58.29	+29 16.0	1.885	2.763	11.2	20.0
1 6	3 53.11	+29 4.3	1.975	2.768	14.3	20.2
155160 2005 US_{96}			11 29.9 132°.26		1°.7/29.3 18	
10 28	4 52.91	+18 13.6	1.680	2.527	14.5	20.8
11 7	4 46.43	+17 55.3	1.617	2.534	10.6	20.5
11 17	4 37.52	+17 35.0	1.577	2.541	6.2	20.3
11 27	4 27.14	+17 14.5	1.564	2.548	2.0	20.0
12 7	4 16.57	+16 56.4	1.580	2.554	4.1	20.2
12 17	4 7.04	+16 43.2	1.624	2.560	8.5	20.5
12 27	3 59.65	+16 37.7	1.694	2.566	12.5	20.7
1 6	3 55.00	+16 41.3	1.785	2.571	15.8	21.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
361919 2008 GK_{103}			11 29.9 28°.50		2°.5/30.7 18	
	h m	° ′			°	m
10 28	4 51.48	+28 11.1	1.882	2.715	13.7	21.0
11 7	4 45.47	+28 30.4	1.810	2.717	10.3	20.8
11 17	4 37.03	+28 40.9	1.761	2.718	6.5	20.6
11 27	4 27.05	+28 40.9	1.740	2.720	3.0	20.4
12 7	4 16.76	+28 30.6	1.747	2.721	3.8	20.4
12 17	4 7.38	+28 12.6	1.782	2.723	7.5	20.7
12 27	4 0.04	+27 50.9	1.844	2.725	11.2	20.9
1 6	3 55.39	+27 30.1	1.929	2.727	14.4	21.1
449494 2014 FZ_{53}			11 29.9 217°.08		1°.4/29.2 18	
10 28	4 50.86	+18 45.8	2.247	3.083	11.7	22.1
11 7	4 44.57	+18 17.9	2.162	3.074	8.6	21.9
11 17	4 36.34	+17 47.1	2.102	3.065	5.0	21.7
11 27	4 26.89	+17 15.1	2.071	3.055	1.7	21.4
12 7	4 17.15	+16 44.1	2.071	3.045	3.4	21.5
12 17	4 8.10	+16 17.1	2.101	3.033	7.1	21.7
12 27	4 0.61	+15 56.7	2.159	3.022	10.6	21.9
1 6	3 55.28	+15 44.9	2.240	3.009	13.5	22.1
331973 2005 AG_{77}			11 29.9 330°.04		1°.0/29.5 17	
10 28	4 47.87	+18 37.3	2.036	2.882	12.3	20.5
11 7	4 42.60	+18 37.5	1.958	2.876	9.0	20.3
11 17	4 35.28	+18 36.6	1.904	2.869	5.3	20.0
11 27	4 26.66	+18 35.5	1.878	2.863	1.5	19.7
12 7	4 17.72	+18 35.1	1.881	2.857	3.3	19.9
12 17	4 9.48	+18 37.2	1.912	2.851	7.2	20.1
12 27	4 2.88	+18 43.5	1.970	2.846	10.9	20.3
1 6	3 58.54	+18 55.3	2.052	2.841	14.0	20.5
30927 1993 TF_{17}			11 29.9 140°.94		5°.2/27.6 18	
10 28	4 51.77	+ 8 27.8	2.103	2.934	12.6	19.3
11 7	4 45.02	+ 7 24.6	2.047	2.949	9.6	19.1
11 17	4 36.46	+ 6 26.5	2.016	2.962	6.7	19.0
11 27	4 26.89	+ 5 37.8	2.014	2.975	5.2	18.9
12 7	4 17.28	+ 5 2.3	2.041	2.987	6.4	19.0
12 17	4 8.54	+ 4 42.3	2.098	2.998	9.1	19.2
12 27	4 1.46	+ 4 38.3	2.180	3.008	11.9	19.4
1 6	3 56.55	+ 4 49.3	2.284	3.018	14.3	19.6
435460 2008 ES_{161}			11 29.9 270°.65		1°.7/30.3 18	
10 28	4 54.01	+25 39.0	1.491	2.337	16.0	21.8
11 7	4 48.01	+25 47.8	1.408	2.324	12.0	21.5
11 17	4 38.85	+25 48.1	1.348	2.310	7.3	21.2
11 27	4 27.53	+25 38.3	1.313	2.296	2.5	20.9
12 7	4 15.56	+25 18.9	1.305	2.282	4.1	20.9
12 17	4 4.58	+24 53.3	1.324	2.268	9.2	21.2
12 27	3 56.11	+24 27.1	1.368	2.254	14.0	21.4
1 6	3 51.02	+24 5.4	1.433	2.240	18.1	21.7
41125 1999 VD_{92}			11 29.9 61°.09		4°.1/ 1.2 18	
10 28	4 52.78	+32 12.1	1.998	2.818	13.6	18.9
11 7	4 46.36	+32 52.3	1.933	2.827	10.5	18.8
11 17	4 37.52	+33 21.4	1.891	2.837	7.1	18.6
11 27	4 27.17	+33 36.7	1.877	2.847	4.5	18.4
12 7	4 16.54	+33 37.2	1.891	2.857	4.8	18.5
12 17	4 6.86	+33 25.1	1.933	2.867	7.6	18.7
12 27	3 59.23	+33 4.8	2.003	2.877	10.7	18.9
1 6	3 54.31	+32 41.3	2.095	2.887	13.6	19.1
60375 2000 AY_{146}			11 29.9 55°.75		8°.2/ 4.6 18	
10 28	5 5.28	+45 45.5	0.910	1.731	25.8	17.0
11 7	4 57.03	+44 21.1	0.863	1.749	20.9	16.7
11 17	4 43.87	+42 7.1	0.832	1.767	15.2	16.5
11 27	4 28.47	+39 1.8	0.822	1.786	10.0	16.3
12 7	4 14.01	+35 18.9	0.837	1.805	8.4	16.3
12 17	4 2.94	+31 23.9	0.877	1.825	12.0	16.5
12 27	3 56.54	+27 43.9	0.942	1.845	17.0	16.9
1 6	3 54.90	+24 36.5	1.028	1.865	21.5	17.3
248239 2005 EW_{278}			11 29.9 141°.47		0°.2/29.9 18	
10 28	4 51.62	+22 49.6	2.227	3.059	11.9	21.4
11 7	4 45.06	+22 43.0	2.159	3.070	8.7	21.2
11 17	4 36.57	+22 31.5	2.117	3.079	5.1	21.0
11 27	4 26.95	+22 15.5	2.103	3.088	1.2	20.7
12 7	4 17.18	+21 56.5	2.120	3.097	2.8	20.9
12 17	4 8.24	+21 36.9	2.166	3.105	6.5	21.1
12 27	4 0.98	+21 19.4	2.241	3.113	9.9	21.4
1 6	3 55.94	+21 6.7	2.340	3.120	12.7	21.6
209272 2003 XW_{14}			11 29.9 28°.07		13°.6/ 4.8 18	
10 28	5 4.25	+53 41.9	1.693	2.424	19.1	19.9
11 7	4 56.88	+55 27.9	1.633	2.427	17.1	19.8
11 17	4 44.64	+56 46.6	1.592	2.431	15.2	19.7
11 27	4 28.92	+57 27.1	1.570	2.436	13.9	19.6
12 7	4 12.20	+57 23.8	1.571	2.440	13.6	19.6
12 17	3 57.34	+56 38.9	1.594	2.445	14.4	19.7
12 27	3 46.61	+55 22.5	1.638	2.450	15.9	19.8
1 6	3 41.04	+53 48.3	1.702	2.456	17.8	19.9

46580 Ryouichiirie 11 29.9 169°.50 4°.5/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.60	+33 57.7	2.197	3.002	13.0	18.8
11 7	4 48.38	+34 41.2	2.121	3.005	10.2	18.6
11 17	4 38.72	+35 13.3	2.069	3.007	7.2	18.4
11 27	4 27.47	+35 30.7	2.045	3.010	4.8	18.3
12 7	4 15.84	+35 32.0	2.051	3.011	5.0	18.3
12 17	4 5.07	+35 19.0	2.085	3.013	7.5	18.4
12 27	3 56.27	+34 56.0	2.148	3.014	10.5	18.6
1 6	3 50.16	+34 28.5	2.233	3.014	13.2	18.8

226587 2004 BY_{19} 11 29.9 326°.16 1°.7/30.4 16

10 28	4 47.54	+25 54.4	1.845	2.690	13.5	20.0
11 7	4 42.83	+26 5.5	1.752	2.667	10.1	19.7
11 17	4 35.66	+26 9.6	1.683	2.645	6.2	19.4
11 27	4 26.82	+26 5.9	1.640	2.624	2.3	19.1
12 7	4 17.41	+25 54.6	1.626	2.603	3.5	19.2
12 17	4 8.69	+25 38.0	1.639	2.583	7.7	19.4
12 27	4 1.83	+25 19.8	1.677	2.563	11.8	19.6
1 6	3 57.63	+25 4.1	1.738	2.545	15.4	19.8

88990 2001 TT_{71} 11 29.9 298°.74 4°.0/28.5 18

10 28	4 50.18	+14 24.1	1.523	2.379	15.2	19.3
11 7	4 44.73	+13 36.1	1.453	2.374	11.3	19.1
11 17	4 36.69	+12 48.3	1.406	2.368	7.1	18.8
11 27	4 27.02	+12 5.1	1.385	2.363	4.0	18.6
12 7	4 17.01	+11 31.2	1.391	2.358	5.9	18.7
12 17	4 8.00	+11 10.2	1.423	2.353	10.1	19.0
12 27	4 1.14	+11 4.5	1.480	2.348	14.3	19.2
1 6	3 57.14	+11 14.2	1.557	2.343	17.8	19.4

69936 1998 UD_{17} 11 29.9 322°.96 1°.3/30.5 18

10 28	4 48.48	+27 16.9	2.112	2.947	12.4	18.8
11 7	4 43.01	+26 55.5	2.033	2.943	9.2	18.6
11 17	4 35.49	+26 24.8	1.979	2.939	5.6	18.4
11 27	4 26.74	+25 45.3	1.952	2.935	1.9	18.1
12 7	4 17.76	+24 59.3	1.955	2.932	3.0	18.2
12 17	4 9.59	+24 10.3	1.987	2.929	6.8	18.4
12 27	4 3.14	+23 22.9	2.046	2.926	10.3	18.6
1 6	3 59.00	+22 41.1	2.128	2.922	13.4	18.8

356098 2009 EP_{16} 11 29.9 282°.39 7°.9/ 2.5 17

10 28	4 55.99	+41 25.3	1.836	2.627	15.7	21.2
11 7	4 49.54	+42 17.2	1.750	2.613	13.1	21.0
11 17	4 39.81	+42 51.2	1.685	2.600	10.3	20.8
11 27	4 27.79	+43 0.9	1.645	2.586	8.3	20.6
12 7	4 15.06	+42 43.5	1.632	2.573	8.2	20.6
12 17	4 3.37	+42 1.0	1.645	2.559	10.2	20.7
12 27	3 54.28	+41 0.7	1.682	2.546	13.1	20.8
1 6	3 48.72	+39 51.8	1.742	2.532	16.0	21.0

39748 Guccini 11 29.9 148°.43 3°.7/28.7 18 R

10 28	4 51.64	+10 51.5	2.133	2.967	12.3	19.7
11 7	4 45.04	+10 34.1	2.068	2.976	9.2	19.6
11 17	4 36.56	+10 21.0	2.029	2.984	6.0	19.4
11 27	4 26.97	+10 14.4	2.018	2.992	3.8	19.3
12 7	4 17.22	+10 16.2	2.037	2.999	5.0	19.3
12 17	4 8.28	+10 27.2	2.086	3.006	8.0	19.6
12 27	4 0.96	+10 48.0	2.162	3.012	11.1	19.8
1 6	3 55.82	+11 17.9	2.260	3.017	13.8	20.0

69211 4098 $T\text{-}_2$ 11 29.9 14°.30 3°.0/29.3 18

10 28	4 48.21	+16 35.2	0.905	1.793	20.1	18.5
11 7	4 44.36	+16 20.5	0.860	1.797	14.8	18.2
11 17	4 36.85	+16 7.1	0.833	1.803	8.8	17.9
11 27	4 27.08	+15 58.3	0.827	1.811	3.4	17.6
12 7	4 17.03	+15 57.3	0.844	1.821	6.0	17.8
12 17	4 8.64	+16 6.6	0.883	1.832	11.8	18.2
12 27	4 3.43	+16 28.0	0.943	1.844	17.1	18.5
1 6	4 2.11	+17 0.8	1.020	1.858	21.5	18.8

294460 2007 VR_{311} 11 29.9 126°.70 0°.0/29.7 18

10 28	4 50.68	+23 22.8	1.869	2.711	13.4	20.8
11 7	4 44.71	+22 57.8	1.799	2.715	9.9	20.6
11 17	4 36.51	+22 26.0	1.753	2.718	5.7	20.3
11 27	4 26.97	+21 48.6	1.735	2.720	1.3	20.1
12 7	4 17.23	+21 8.4	1.746	2.723	3.2	20.2
12 17	4 8.44	+20 29.0	1.785	2.726	7.5	20.5
12 27	4 1.59	+19 54.6	1.851	2.729	11.3	20.7
1 6	3 57.26	+19 28.4	1.940	2.731	14.6	20.9

198141 2004 TB_{40} 11 29.9 215°.42 0°.9/29.5 18

10 28	4 51.95	+20 22.9	1.918	2.759	13.2	20.9
11 7	4 45.68	+20 0.8	1.838	2.753	9.7	20.7
11 17	4 37.12	+19 34.4	1.783	2.747	5.7	20.4
11 27	4 27.13	+19 5.1	1.756	2.741	1.5	20.1
12 7	4 16.81	+18 35.4	1.758	2.734	3.5	20.2
12 17	4 7.33	+18 8.4	1.789	2.726	7.8	20.5
12 27	3 59.71	+17 47.5	1.847	2.718	11.7	20.7
1 6	3 54.62	+17 35.1	1.928	2.710	15.0	20.9

46189 2001 FN_{135} 11 29.9 238°.29 2°.6/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.00	+31 46.6	1.967	2.788	13.7	19.0
11 7	4 46.51	+31 13.9	1.881	2.780	10.5	18.8
11 17	4 37.61	+30 26.2	1.818	2.771	6.7	18.5
11 27	4 27.23	+29 23.3	1.784	2.763	3.2	18.3
12 7	4 16.60	+28 7.9	1.779	2.754	3.7	18.3
12 17	4 6.96	+26 45.4	1.803	2.744	7.4	18.5
12 27	3 59.39	+25 23.1	1.856	2.735	11.2	18.7
1 6	3 54.51	+24 7.4	1.932	2.725	14.6	18.9

197034 2003 UP_{131} 11 29.9 77°.37 4°.5/ 1.8 18

10 28	4 52.24	+35 32.0	2.267	3.071	12.7	20.4
11 7	4 45.71	+35 58.5	2.205	3.087	9.9	20.2
11 17	4 37.03	+36 12.1	2.166	3.102	7.1	20.1
11 27	4 27.08	+36 10.6	2.155	3.118	4.8	19.9
12 7	4 16.98	+35 54.0	2.173	3.133	4.9	20.0
12 17	4 7.81	+35 24.8	2.220	3.148	7.1	20.1
12 27	4 0.54	+34 47.7	2.294	3.164	9.8	20.3
1 6	3 55.74	+34 7.9	2.392	3.179	12.3	20.5

215953 2005 NR_{31} 11 29.9 189°.77 1°.4/29.3 18

10 28	4 50.08	+17 54.2	2.295	3.132	11.5	21.5
11 7	4 43.95	+17 41.3	2.218	3.131	8.4	21.3
11 17	4 35.97	+17 27.1	2.167	3.130	4.9	21.1
11 27	4 26.86	+17 12.8	2.144	3.128	1.7	20.8
12 7	4 17.51	+17 0.2	2.152	3.126	3.3	21.0
12 17	4 8.86	+16 50.9	2.190	3.123	6.8	21.2
12 27	4 1.72	+16 47.0	2.255	3.120	10.1	21.4
1 6	3 56.66	+16 49.7	2.344	3.117	12.9	21.6

398423 2011 UF_2 11 29.9 136°.07 2°.5/30.7 18

10 28	4 54.01	+28 23.1	2.057	2.881	13.1	21.8
11 7	4 47.10	+28 44.3	1.989	2.891	9.8	21.6
11 17	4 37.90	+28 57.0	1.945	2.900	6.2	21.4
11 27	4 27.30	+28 59.3	1.929	2.908	2.9	21.2
12 7	4 16.46	+28 51.5	1.942	2.916	3.6	21.3
12 17	4 6.56	+28 35.7	1.986	2.924	7.1	21.5
12 27	3 58.60	+28 15.9	2.056	2.931	10.5	21.8
1 6	3 53.23	+27 56.4	2.150	2.938	13.4	22.0

130210 2000 AX_{217} 11 29.9 73°.76 0°.9/30.2 18

10 28	4 51.22	+25 13.7	1.773	2.615	14.1	20.2
11 7	4 45.29	+25 3.6	1.703	2.617	10.4	20.0
11 17	4 36.94	+24 45.5	1.656	2.618	6.2	19.8
11 27	4 27.10	+24 19.4	1.636	2.620	1.8	19.5
12 7	4 17.00	+23 47.4	1.644	2.622	3.3	19.6
12 17	4 7.89	+23 13.2	1.681	2.624	7.7	19.9
12 27	4 0.86	+22 41.1	1.744	2.626	11.7	20.1
1 6	3 56.53	+22 15.2	1.830	2.627	15.1	20.3

389460 2010 DL_{46} 11 29.9 154°.86 2°.0/30.8 18

10 28	4 53.68	+28 43.2	2.257	3.076	12.2	22.3
11 7	4 46.64	+28 42.7	2.185	3.085	9.2	22.2
11 17	4 37.54	+28 32.9	2.138	3.093	5.7	22.0
11 27	4 27.22	+28 13.1	2.120	3.100	2.5	21.8
12 7	4 16.73	+27 44.7	2.132	3.107	3.2	21.8
12 17	4 7.13	+27 10.3	2.175	3.113	6.5	22.1
12 27	3 59.33	+26 34.2	2.246	3.118	9.8	22.3
1 6	3 53.90	+26 0.5	2.341	3.123	12.6	22.5

66272 1999 JW_6 11 29.9 307°.17 4°.9/28.5 14 C

10 28	6 6.38	− 4 26.3	0.692	1.458	36.7	18.6
11 7	5 53.47	+ 1 47.1	0.570	1.438	30.6	18.0
11 17	5 27.15	+11 34.5	0.471	1.418	19.9	17.2
11 27	4 41.43	+25 10.6	0.415	1.399	5.6	16.4
12 7	3 34.93	+38 53.0	0.421	1.381	16.6	16.8
12 17	2 21.95	+47 39.9	0.482	1.364	31.2	17.5
12 27	1 23.98	+51 41.3	0.575	1.348	40.4	18.1
1 6	0 47.16	+53 35.8	0.681	1.334	45.4	18.6

441167 2007 TB_{316} 11 29.9 101°.13 0°.1/29.8 15

10 28	4 52.85	+21 31.9	1.893	2.733	13.4	22.0
11 7	4 46.16	+21 29.3	1.836	2.749	9.8	21.9
11 17	4 37.29	+21 22.5	1.802	2.766	5.7	21.6
11 27	4 27.16	+21 12.1	1.797	2.782	1.3	21.4
12 7	4 16.93	+20 59.5	1.821	2.798	3.2	21.6
12 17	4 7.72	+20 47.1	1.874	2.814	7.3	21.8
12 27	4 0.47	+20 37.8	1.954	2.829	11.0	22.1
1 6	3 55.75	+20 33.8	2.057	2.844	14.0	22.3

383043 2005 QA_{49} 11 29.9 22°.85 1°.5/29.6 18

10 28	4 50.58	+18 28.4	1.090	1.965	18.5	20.2
11 7	4 45.68	+18 30.3	1.042	1.973	13.6	19.9
11 17	4 37.47	+18 31.3	1.013	1.982	7.9	19.7
11 27	4 27.24	+18 32.5	1.008	1.993	2.2	19.4
12 7	4 16.77	+18 35.6	1.027	2.005	4.8	19.6
12 17	4 7.81	+18 43.1	1.071	2.018	10.4	19.9
12 27	4 1.76	+18 57.3	1.137	2.032	15.4	20.3
1 6	3 59.31	+19 19.4	1.222	2.047	19.5	20.6

407606 2011 BR_{80} 11 29.9 12.°51 6.°0/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.94	+ 6 8.1	1.822	2.666	13.6	19.9
11 7	4 41.91	+ 5 36.5	1.762	2.669	10.6	19.7
11 17	4 34.87	+ 5 14.0	1.725	2.672	7.6	19.6
11 27	4 26.63	+ 5 4.4	1.715	2.676	6.0	19.5
12 7	4 18.20	+ 5 10.3	1.731	2.680	7.1	19.6
12 17	4 10.58	+ 5 32.4	1.774	2.685	9.8	19.7
12 27	4 4.68	+ 6 9.8	1.842	2.690	12.9	19.9
1 6	4 1.06	+ 7 0.1	1.932	2.696	15.6	20.1

21190 1994 JQ 11 29.9 17.°94 0.°8/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.73	+23 42.5	1.559	2.409	15.3	18.7
11 7	4 45.96	+23 46.1	1.491	2.410	11.3	18.5
11 17	4 37.46	+23 43.3	1.447	2.411	6.7	18.2
11 27	4 27.24	+23 33.6	1.428	2.413	1.8	17.9
12 7	4 16.70	+23 18.5	1.437	2.415	3.6	18.0
12 17	4 7.24	+23 1.0	1.473	2.417	8.4	18.3
12 27	4 0.08	+22 45.3	1.535	2.420	12.8	18.6
1 6	3 55.93	+22 34.9	1.618	2.423	16.4	18.8

428120 2006 RX_{108} 11 29.9 207.°70 1.°1/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.83	+20 23.6	1.632	2.479	14.9	21.7
11 7	4 47.38	+20 1.3	1.558	2.475	10.9	21.4
11 17	4 38.25	+19 34.2	1.506	2.471	6.4	21.1
11 27	4 27.43	+19 3.9	1.482	2.467	1.7	20.8
12 7	4 16.24	+18 33.1	1.486	2.462	4.0	21.0
12 17	4 6.07	+18 5.6	1.518	2.457	8.8	21.3
12 27	3 58.12	+17 45.3	1.576	2.451	13.1	21.5
1 6	3 53.10	+17 34.8	1.655	2.444	16.8	21.7

95019 2002 AR_{10} 11 29.9 36.°87 5.°1/28.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.69	+11 11.5	1.307	2.169	16.9	19.1
11 7	4 45.20	+10 42.3	1.258	2.180	12.6	18.8
11 17	4 36.96	+10 19.8	1.230	2.190	8.2	18.6
11 27	4 27.11	+10 7.8	1.226	2.202	5.2	18.5
12 7	4 17.11	+10 9.4	1.249	2.214	6.8	18.6
12 17	4 8.38	+10 25.9	1.297	2.227	10.8	18.9
12 27	4 2.09	+10 56.9	1.368	2.240	14.9	19.2
1 6	3 58.86	+11 40.5	1.459	2.254	18.4	19.4

153392 2001 QV_{76} 11 29.9 37.°47 3.°9/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.25	+29 8.6	1.308	2.157	17.7	18.3
11 7	4 48.29	+29 47.0	1.253	2.166	13.4	18.0
11 17	4 38.98	+30 13.3	1.219	2.177	8.6	17.8
11 27	4 27.60	+30 23.9	1.209	2.188	4.5	17.6
12 7	4 15.89	+30 18.4	1.225	2.199	5.2	17.7
12 17	4 5.66	+30 0.1	1.267	2.211	9.5	18.0
12 27	3 58.34	+29 35.6	1.333	2.224	13.9	18.3
1 6	3 54.66	+29 11.5	1.419	2.237	17.7	18.5

227194 2005 QE_{72} 11 29.9 102.°45 0.°5/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.77	+23 48.7	1.644	2.484	15.1	21.0
11 7	4 48.50	+23 39.4	1.591	2.504	11.0	20.8
11 17	4 38.70	+23 22.9	1.561	2.524	6.4	20.6
11 27	4 27.48	+22 59.7	1.559	2.544	1.6	20.3
12 7	4 16.23	+22 31.9	1.585	2.563	3.4	20.5
12 17	4 6.26	+22 3.3	1.640	2.581	8.0	20.8
12 27	3 58.65	+21 38.1	1.721	2.599	12.0	21.1
1 6	3 53.96	+21 19.9	1.824	2.616	15.3	21.3

246070 2006 WD_{42} 11 29.9 142.°33 2.°6/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.80	+16 25.3	1.967	2.813	12.7	20.5
11 7	4 43.20	+15 42.7	1.898	2.815	9.3	20.3
11 17	4 35.60	+14 58.9	1.853	2.816	5.6	20.0
11 27	4 26.80	+14 16.8	1.836	2.817	2.7	19.9
12 7	4 17.81	+13 39.8	1.848	2.818	4.4	20.0
12 17	4 9.65	+13 11.1	1.889	2.819	8.0	20.2
12 27	4 3.20	+12 53.1	1.956	2.820	11.5	20.4
1 6	3 59.03	+12 46.8	2.046	2.821	14.5	20.6

406716 2008 FX_{122} 11 29.9 280.°92 2.°8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.77	+14 34.0	1.993	2.838	12.6	21.4
11 7	4 43.23	+14 13.8	1.919	2.835	9.3	21.2
11 17	4 35.66	+13 54.9	1.869	2.831	5.7	21.0
11 27	4 26.83	+13 39.5	1.847	2.827	2.9	20.8
12 7	4 17.73	+13 29.8	1.854	2.823	4.4	20.9
12 17	4 9.37	+13 27.6	1.889	2.819	8.0	21.1
12 27	4 2.66	+13 34.5	1.951	2.815	11.5	21.3
1 6	3 58.23	+13 50.7	2.035	2.812	14.5	21.5

159774 2003 JM_{10} 11 29.9 187.°87 3.°3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.92	+13 28.0	1.816	2.660	13.7	20.5
11 7	4 45.66	+13 7.7	1.745	2.659	10.2	20.3
11 17	4 37.12	+12 50.0	1.699	2.659	6.3	20.1
11 27	4 27.17	+12 37.1	1.679	2.658	3.4	19.9
12 7	4 16.94	+12 31.4	1.689	2.657	5.0	20.0
12 17	4 7.58	+12 34.7	1.727	2.655	8.8	20.2
12 27	4 0.10	+12 48.2	1.791	2.653	12.4	20.4
1 6	3 55.17	+13 11.8	1.877	2.651	15.6	20.6

397321 2006 SC_{401} 11 29.9 48.°11 1.°4/29.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.65	+18 37.9	1.596	2.449	14.8	20.9
11 7	4 44.84	+18 27.8	1.542	2.463	10.8	20.7
11 17	4 36.64	+18 16.0	1.512	2.478	6.3	20.5
11 27	4 27.04	+18 4.0	1.509	2.493	1.9	20.2
12 7	4 17.33	+17 53.9	1.533	2.509	3.9	20.4
12 17	4 8.73	+17 47.9	1.584	2.525	8.3	20.7
12 27	4 2.29	+17 48.4	1.661	2.541	12.3	21.0
1 6	3 58.57	+17 56.7	1.760	2.557	15.6	21.2

133826 2003 XC_{13} 11 29.9 139.°88 1.°7/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.37	+15 5.7	2.457	3.291	10.9	19.3
11 7	4 43.33	+15 17.1	2.383	3.294	8.0	19.1
11 17	4 35.60	+15 30.4	2.336	3.297	4.8	18.9
11 27	4 26.82	+15 45.9	2.318	3.300	1.9	18.7
12 7	4 17.81	+16 4.3	2.330	3.303	3.2	18.9
12 17	4 9.43	+16 25.9	2.373	3.306	6.4	19.1
12 27	4 2.43	+16 51.3	2.445	3.308	9.5	19.3
1 6	3 57.35	+17 20.9	2.540	3.311	12.1	19.5

392115 2009 FL_{17} 11 29.9 324.°64 22.°7/29.7 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 6.44	+51 25.6	0.878	1.681	27.8	20.3
11 7	5 2.86	+55 14.5	0.824	1.668	25.6	20.1
11 17	4 50.98	+58 36.4	0.785	1.656	23.7	19.9
11 27	4 31.01	+61 3.4	0.762	1.645	22.7	19.8
12 7	4 6.60	+62 13.3	0.755	1.635	23.0	19.8
12 17	3 44.32	+62 1.7	0.762	1.625	24.5	19.8
12 27	3 30.15	+60 46.5	0.783	1.617	26.8	19.9
1 6	3 26.23	+58 54.9	0.815	1.610	29.3	20.1

281397 2008 RJ_{22} 11 29.9 58.°74 0.°2/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.99	+21 19.8	1.374	2.229	16.6	20.7
11 7	4 47.54	+21 19.2	1.328	2.250	12.1	20.5
11 17	4 38.28	+21 13.9	1.304	2.270	7.0	20.3
11 27	4 27.42	+21 4.6	1.305	2.291	1.6	20.0
12 7	4 16.52	+20 53.0	1.333	2.311	3.9	20.2
12 17	4 7.05	+20 42.3	1.389	2.332	8.9	20.6
12 27	4 0.17	+20 36.0	1.469	2.353	13.3	20.9
1 6	3 56.45	+20 36.5	1.569	2.375	16.8	21.2

175169 2005 ES_{119} 11 29.9 222.°83 4.°3/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.66	+33 10.9	1.660	2.482	15.8	20.2
11 7	4 49.79	+33 17.7	1.578	2.475	12.3	20.0
11 17	4 39.82	+33 8.7	1.519	2.467	8.3	19.7
11 27	4 27.84	+32 41.0	1.486	2.459	4.8	19.5
12 7	4 15.38	+31 55.0	1.481	2.451	5.1	19.5
12 17	4 4.09	+30 55.3	1.503	2.442	8.8	19.7
12 27	3 55.37	+29 49.7	1.552	2.433	12.9	19.9
1 6	3 49.99	+28 46.3	1.623	2.423	16.6	20.2

150578 2000 UU_{20} 11 29.9 69.°79 0.°0/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.15	+22 4.8	1.960	2.802	12.9	20.1
11 7	4 44.26	+22 3.6	1.895	2.811	9.4	19.9
11 17	4 36.25	+21 58.2	1.855	2.819	5.5	19.6
11 27	4 26.98	+21 48.8	1.842	2.828	1.3	19.4
12 7	4 17.52	+21 36.9	1.859	2.836	3.0	19.5
12 17	4 8.96	+21 24.7	1.904	2.845	7.1	19.8
12 27	4 2.21	+21 14.9	1.976	2.854	10.7	20.0
1 6	3 57.86	+21 10.1	2.071	2.863	13.8	20.3

192043 2006 AK_{14} 11 29.9 12.°83 0.°9/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.81	+20 50.9	1.144	2.018	17.9	19.8
11 7	4 44.38	+20 34.3	1.090	2.021	13.1	19.5
11 17	4 36.73	+20 12.5	1.056	2.026	7.6	19.2
11 27	4 27.12	+19 47.4	1.046	2.031	1.9	18.9
12 7	4 17.22	+19 22.6	1.060	2.038	4.5	19.1
12 17	4 8.73	+19 2.3	1.099	2.046	10.1	19.4
12 27	4 3.00	+18 50.7	1.160	2.056	15.1	19.7
1 6	4 0.74	+18 50.0	1.240	2.066	19.2	20.0

163228 2002 EU_{105} 11 29.9 158.°97 2.°1/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.87	+16 14.9	2.140	2.976	12.2	21.2
11 7	4 45.29	+15 56.5	2.071	2.983	8.9	21.0
11 17	4 36.77	+15 37.9	2.027	2.989	5.3	20.7
11 27	4 27.10	+15 20.7	2.013	2.995	2.2	20.6
12 7	4 17.25	+15 7.0	2.028	3.000	3.8	20.7
12 17	4 8.20	+14 58.7	2.073	3.004	7.4	20.9
12 27	4 0.82	+14 57.5	2.146	3.008	10.7	21.1
1 6	3 55.67	+15 4.4	2.242	3.011	13.6	21.3

43193 Secinaro 11 29.9 329.°38 0.°7/29.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.74	+20 5.2	1.886	2.735	13.0	19.0
11 7	4 42.72	+19 58.0	1.806	2.725	9.6	18.8
11 17	4 35.49	+19 48.0	1.750	2.715	5.6	18.5
11 27	4 26.84	+19 36.0	1.721	2.706	1.4	18.2
12 7	4 17.83	+19 23.8	1.720	2.697	3.4	18.4
12 17	4 9.56	+19 13.6	1.748	2.689	7.6	18.6
12 27	4 3.06	+19 8.1	1.802	2.681	11.5	18.8
1 6	3 58.99	+19 9.2	1.878	2.674	14.8	19.0

153460 2001 *RN* 11 29.9 194°.93 4°.6/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 13.32	+15 8.6	1.414	2.235	18.1	23.0
11 7	5 2.06	+13 55.0	1.332	2.235	13.6	22.8
11 17	4 47.02	+12 36.3	1.275	2.231	8.6	22.5
11 27	4 29.50	+11 17.7	1.247	2.224	4.7	22.2
12 7	4 11.44	+10 6.6	1.251	2.213	7.2	22.3
12 17	3 54.88	+ 9 10.4	1.285	2.199	12.4	22.6
12 27	3 41.51	+ 8 34.5	1.346	2.182	17.4	22.9
1 6	3 32.19	+ 8 20.1	1.427	2.161	21.5	23.1

120514 1993 TY_{26} 11 29.9 96°.31 0°.4/29.8 18

10 28	4 55.48	+20 54.3	1.702	2.543	14.6	20.2
11 7	4 48.19	+20 52.4	1.651	2.566	10.6	20.0
11 17	4 38.51	+20 46.7	1.625	2.589	6.1	19.8
11 27	4 27.49	+20 37.5	1.625	2.611	1.4	19.5
12 7	4 16.44	+20 26.5	1.655	2.632	3.4	19.7
12 17	4 6.61	+20 16.1	1.714	2.654	7.9	20.0
12 27	3 59.01	+20 9.5	1.799	2.674	11.7	20.3
1 6	3 54.19	+20 8.8	1.907	2.694	14.9	20.6

422460 2014 SO_{313} 11 29.9 126°.06 0°.2/29.8 18

10 28	4 48.92	+21 21.1	2.516	3.349	10.7	21.9
11 7	4 42.95	+21 14.9	2.448	3.359	7.8	21.7
11 17	4 35.35	+21 5.4	2.406	3.369	4.5	21.5
11 27	4 26.78	+20 53.3	2.393	3.379	1.0	21.3
12 7	4 18.09	+20 39.7	2.411	3.388	2.6	21.4
12 17	4 10.08	+20 26.6	2.459	3.397	5.9	21.7
12 27	4 3.49	+20 16.1	2.536	3.406	8.9	21.9
1 6	3 58.81	+20 9.9	2.637	3.415	11.5	22.1

473357 2015 TP_{249} 11 29.9 58°.73 0°.1/29.8 18

10 28	4 49.92	+22 54.4	1.817	2.662	13.6	20.7
11 7	4 44.16	+22 30.2	1.756	2.673	10.0	20.5
11 17	4 36.21	+21 59.8	1.719	2.684	5.8	20.3
11 27	4 26.98	+21 24.8	1.710	2.695	1.3	20.0
12 7	4 17.65	+20 47.8	1.729	2.707	3.2	20.2
12 17	4 9.32	+20 12.4	1.777	2.718	7.5	20.5
12 27	4 2.94	+19 42.6	1.851	2.730	11.3	20.7
1 6	3 59.07	+19 21.0	1.947	2.741	14.4	21.0

390560 2000 YE_{95} 11 29.9 29°.07 7°.7/29.4 18

10 28	4 52.14	+ 3 34.6	1.202	2.056	18.6	19.1
11 7	4 46.36	+ 3 37.3	1.159	2.070	14.5	18.9
11 17	4 37.69	+ 3 58.0	1.137	2.085	10.4	18.7
11 27	4 27.33	+ 4 40.2	1.138	2.101	7.8	18.6
12 7	4 16.87	+ 5 43.6	1.163	2.119	8.8	18.8
12 17	4 7.80	+ 7 4.9	1.214	2.137	12.2	19.0
12 27	4 1.33	+ 8 39.1	1.288	2.156	15.9	19.3
1 6	3 58.08	+10 20.9	1.381	2.176	19.3	19.6

223721 2004 RD_{106} 11 29.9 90°.74 0°.5/29.7 18

10 28	4 48.87	+22 16.7	2.136	2.976	12.1	19.9
11 7	4 43.13	+21 41.5	2.069	2.984	8.8	19.8
11 17	4 35.51	+21 0.8	2.028	2.992	5.1	19.5
11 27	4 26.83	+20 16.4	2.014	3.000	1.2	19.3
12 7	4 18.03	+19 31.3	2.031	3.008	3.0	19.4
12 17	4 10.08	+18 48.8	2.077	3.015	6.8	19.7
12 27	4 3.78	+18 12.5	2.151	3.023	10.2	19.9
1 6	3 59.66	+17 44.8	2.248	3.031	13.1	20.1

230218 2001 TM_{71} 11 29.9 53°.08 1°.1/30.2 18

10 28	4 53.68	+23 59.6	1.411	2.263	16.4	20.1
11 7	4 47.55	+24 13.7	1.353	2.272	12.1	19.9
11 17	4 38.45	+24 21.0	1.317	2.281	7.2	19.6
11 27	4 27.53	+24 20.5	1.306	2.291	2.1	19.3
12 7	4 16.34	+24 13.0	1.322	2.301	3.9	19.5
12 17	4 6.44	+24 1.5	1.365	2.310	8.9	19.8
12 27	3 59.13	+23 50.4	1.433	2.321	13.3	20.1
1 6	3 55.09	+23 43.6	1.522	2.331	17.1	20.4

30640 6319 *P–L* 11 29.9 40°.49 0°.6/30.1 18

10 28	4 53.55	+24 29.0	1.090	1.957	19.1	17.7
11 7	4 47.98	+24 10.5	1.038	1.965	14.1	17.5
11 17	4 38.87	+23 41.4	1.006	1.974	8.3	17.2
11 27	4 27.63	+23 2.5	0.998	1.983	2.1	16.8
12 7	4 16.19	+22 18.0	1.014	1.993	4.4	17.0
12 17	4 6.43	+21 34.2	1.055	2.003	10.4	17.4
12 27	3 59.81	+20 58.0	1.118	2.014	15.5	17.7
1 6	3 56.99	+20 33.6	1.201	2.025	19.8	18.0

151527 2002 RN_{67} 11 29.9 4°.57 1°.7/29.3 18

10 28	4 45.47	+22 40.7	0.951	1.838	19.5	18.6
11 7	4 42.36	+21 32.1	0.898	1.836	14.3	18.3
11 17	4 35.73	+20 11.1	0.865	1.837	8.3	18.0
11 27	4 26.93	+18 43.6	0.853	1.839	2.3	17.6
12 7	4 17.87	+17 19.0	0.865	1.843	5.4	17.9
12 17	4 10.38	+16 6.7	0.899	1.849	11.5	18.2
12 27	4 5.92	+15 14.2	0.954	1.856	16.9	18.5
1 6	4 5.16	+14 43.9	1.027	1.865	21.4	18.9

250 Bettina 11 29.9 336°.87 5°.1/ 1.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.64	+33 57.2	1.968	2.785	13.8	12.1
11 7	4 45.90	+34 50.6	1.887	2.778	10.9	11.9
11 17	4 37.52	+35 33.0	1.830	2.770	7.8	11.7
11 27	4 27.36	+36 0.3	1.799	2.763	5.4	11.5
12 7	4 16.64	+36 10.6	1.796	2.757	5.6	11.5
12 17	4 6.73	+36 5.0	1.821	2.751	8.3	11.7
12 27	3 58.85	+35 47.7	1.872	2.745	11.4	11.8
1 6	3 53.82	+35 24.5	1.945	2.740	14.4	12.0

13824 Kramlik 11 29.9 214°.15 1°.3/29.6 18

10 28	4 54.35	+18 19.2	1.621	2.467	15.0	18.1
11 7	4 47.84	+18 19.6	1.546	2.463	11.0	17.9
11 17	4 38.60	+18 18.8	1.494	2.459	6.5	17.6
11 27	4 27.59	+18 17.6	1.470	2.454	1.9	17.3
12 7	4 16.14	+18 17.3	1.473	2.449	4.0	17.5
12 17	4 5.66	+18 19.7	1.505	2.444	8.8	17.7
12 27	3 57.38	+18 27.3	1.563	2.438	13.2	18.0
1 6	3 52.08	+18 41.9	1.642	2.432	16.8	18.2

122936 2000 SV_{186} 11 29.9 113°.40 2°.8/ 1.2 18

10 28	4 55.91	+31 13.7	1.893	2.713	14.2	20.4
11 7	4 48.47	+30 58.6	1.833	2.731	10.7	20.2
11 17	4 38.67	+30 30.2	1.797	2.750	6.9	20.0
11 27	4 27.56	+29 48.1	1.789	2.767	3.3	19.8
12 7	4 16.44	+28 54.5	1.810	2.784	3.8	19.9
12 17	4 6.56	+27 54.5	1.861	2.801	7.3	20.1
12 27	3 58.92	+26 54.1	1.940	2.817	10.9	20.4
1 6	3 54.04	+25 59.0	2.042	2.832	14.0	20.6

261356 2005 UV_{304} 11 29.9 102°.53 3°.0/29.0 18

10 28	4 50.30	+12 21.6	2.173	3.010	12.0	20.3
11 7	4 44.08	+12 16.5	2.113	3.023	8.9	20.1
11 17	4 36.05	+12 15.0	2.077	3.036	5.6	19.9
11 27	4 26.98	+12 18.6	2.071	3.048	3.1	19.8
12 7	4 17.77	+12 28.4	2.094	3.060	4.3	19.9
12 17	4 9.34	+12 45.2	2.146	3.072	7.4	20.1
12 27	4 2.49	+13 9.3	2.226	3.084	10.5	20.4
1 6	3 57.74	+13 40.3	2.329	3.095	13.2	20.6

283644 2002 GV_{133} 11 29.9 62°.61 1°.6/30.4 18

10 28	4 52.48	+26 9.3	1.652	2.495	14.9	20.1
11 7	4 46.43	+26 12.1	1.584	2.498	11.1	19.9
11 17	4 37.74	+26 6.2	1.539	2.501	6.7	19.6
11 27	4 27.39	+25 50.8	1.520	2.504	2.3	19.4
12 7	4 16.76	+25 27.3	1.530	2.507	3.6	19.5
12 17	4 7.20	+24 59.1	1.567	2.510	8.1	19.7
12 27	3 59.90	+24 31.1	1.630	2.514	12.2	20.0
1 6	3 55.54	+24 7.7	1.715	2.517	15.7	20.2

16216 2000 DR_4 11 29.9 185°.57 4°.2/ 1.4 18

10 28	4 54.32	+33 36.9	2.127	2.937	13.2	17.9
11 7	4 47.53	+34 6.2	2.049	2.937	10.3	17.8
11 17	4 38.31	+34 23.7	1.995	2.936	7.1	17.6
11 27	4 27.54	+34 26.4	1.968	2.936	4.6	17.4
12 7	4 16.40	+34 13.9	1.970	2.935	4.8	17.4
12 17	4 6.14	+33 48.3	2.001	2.933	7.5	17.6
12 27	3 57.86	+33 14.4	2.060	2.932	10.6	17.8
1 6	3 52.27	+32 37.9	2.142	2.929	13.5	18.0

514811 2007 TE_{280} 11 29.9 94°.44 10°.7/24.8 18

10 28	4 47.15	−18 37.7	2.799	3.520	12.5	21.4
11 7	4 41.39	−19 48.8	2.777	3.544	11.5	21.4
11 17	4 34.32	−20 39.8	2.776	3.567	10.8	21.4
11 27	4 26.57	−21 6.3	2.799	3.590	10.7	21.4
12 7	4 18.83	−21 6.9	2.844	3.613	11.0	21.4
12 17	4 11.78	−20 42.2	2.912	3.635	11.8	21.5
12 27	4 5.97	−19 54.7	2.999	3.657	12.7	21.7
1 6	4 1.80	−18 48.9	3.105	3.678	13.6	21.8

73717 1993 BV_4 11 29.9 306°.96 4°.9/28.6 18

10 28	4 50.50	+12 5.5	1.344	2.205	16.5	18.7
11 7	4 45.47	+11 33.0	1.267	2.190	12.5	18.5
11 17	4 37.46	+11 4.5	1.213	2.174	8.1	18.2
11 27	4 27.40	+10 44.5	1.182	2.159	5.0	18.0
12 7	4 16.74	+10 37.1	1.178	2.144	6.9	18.0
12 17	4 7.01	+10 45.0	1.198	2.130	11.4	18.2
12 27	3 59.65	+11 9.3	1.242	2.116	16.0	18.5
1 6	3 55.51	+11 48.9	1.304	2.102	20.0	18.7

24712 Boltzmann 11 29.9 58°.17 1°.9/29.3 18

10 28	4 54.70	+20 6.3	1.220	2.082	17.9	18.4
11 7	4 48.07	+19 19.5	1.184	2.109	12.9	18.1
11 17	4 38.55	+18 28.3	1.169	2.136	7.5	17.9
11 27	4 27.54	+17 36.5	1.179	2.163	2.3	17.7
12 7	4 16.72	+16 49.3	1.215	2.191	4.8	17.9
12 17	4 7.58	+16 11.7	1.278	2.218	9.8	18.3
12 27	4 1.23	+15 47.4	1.364	2.246	14.3	18.6
1 6	3 58.15	+15 37.6	1.470	2.273	17.8	19.0

508818 2001 DC_1 11 29.9 216°.49 10°.4/24.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.05	−15 26.2	2.749	3.484	12.4	22.2
11 7	4 43.71	−16 32.1	2.685	3.473	11.3	22.1
11 17	4 35.81	−17 20.4	2.643	3.461	10.5	22.1
11 27	4 26.96	−17 46.0	2.626	3.448	10.4	22.0
12 7	4 17.89	−17 46.0	2.633	3.435	10.9	22.1
12 17	4 9.37	−17 19.8	2.665	3.420	12.0	22.1
12 27	4 2.10	−16 29.5	2.718	3.405	13.3	22.2
1 6	3 56.57	−15 19.1	2.790	3.388	14.6	22.3

323520 2004 RT_{100} 11 29.9 28°.35 4°.3/28.1 18

10 28	4 47.26	+12 13.4	1.856	2.706	13.2	20.4
11 7	4 42.15	+11 20.1	1.795	2.711	9.8	20.2
11 17	4 35.06	+10 29.2	1.758	2.716	6.4	20.0
11 27	4 26.80	+ 9 45.1	1.748	2.721	4.3	19.9
12 7	4 18.39	+ 9 11.5	1.766	2.727	5.7	20.0
12 17	4 10.83	+ 8 51.3	1.812	2.733	9.0	20.2
12 27	4 4.99	+ 8 45.7	1.883	2.739	12.2	20.4
1 6	4 1.42	+ 8 54.4	1.975	2.745	15.1	20.6

214599 2006 QO_{161} 11 29.9 64°.15 5°.5/27.9 18

10 28	4 49.31	+ 9 16.7	1.721	2.569	14.2	20.7
11 7	4 43.66	+ 8 22.2	1.671	2.582	10.7	20.6
11 17	4 35.91	+ 7 33.8	1.643	2.596	7.4	20.4
11 27	4 26.99	+ 6 56.1	1.643	2.609	5.5	20.3
12 7	4 17.99	+ 6 32.8	1.670	2.623	6.8	20.4
12 17	4 9.98	+ 6 26.0	1.724	2.637	9.9	20.6
12 27	4 3.86	+ 6 35.9	1.802	2.651	13.0	20.9
1 6	4 0.16	+ 7 0.7	1.902	2.665	15.8	21.1

400887 2010 RQ_5 11 29.9 342°.28 1°.3/29.5 18

10 28	4 48.75	+19 26.0	1.691	2.544	14.1	21.3
11 7	4 43.62	+19 4.9	1.618	2.539	10.3	21.0
11 17	4 36.10	+18 40.7	1.569	2.535	6.1	20.8
11 27	4 27.07	+18 15.0	1.546	2.531	1.8	20.5
12 7	4 17.73	+17 50.7	1.552	2.528	3.9	20.6
12 17	4 9.28	+17 30.7	1.585	2.525	8.3	20.9
12 27	4 2.81	+17 18.3	1.643	2.522	12.4	21.1
1 6	3 58.98	+17 15.2	1.723	2.520	15.9	21.4

485674 2011 WF_{115} 11 29.9 318°.90 4°.6/30.1 17

10 28	5 0.60	+ 5 8.4	1.641	2.465	15.9	19.5
11 7	4 52.70	+ 6 19.5	1.548	2.446	12.3	19.2
11 17	4 41.71	+ 7 49.8	1.478	2.429	8.3	19.0
11 27	4 28.44	+ 9 39.3	1.438	2.411	4.9	18.7
12 7	4 14.25	+11 44.1	1.428	2.394	5.9	18.7
12 17	4 0.69	+13 58.0	1.450	2.378	10.1	18.9
12 27	3 49.27	+16 15.1	1.501	2.362	14.5	19.2
1 6	3 41.00	+18 30.7	1.576	2.347	18.2	19.4

46616 1994 AM 11 29.9 206°.72 2°.5/ 1.5 18 R

10 28	4 49.74	+32 38.9	2.926	3.730	10.1	18.9
11 7	4 43.56	+32 26.2	2.837	3.724	7.8	18.8
11 17	4 35.75	+32 3.4	2.773	3.719	5.2	18.6
11 27	4 26.97	+31 30.1	2.739	3.713	2.9	18.4
12 7	4 18.02	+30 47.4	2.736	3.706	3.1	18.4
12 17	4 9.71	+29 57.8	2.764	3.699	5.5	18.6
12 27	4 2.76	+29 5.2	2.821	3.692	8.1	18.8
1 6	3 57.67	+28 13.4	2.904	3.684	10.5	18.9

104696 2000 GV_{161} 11 29.9 104°.75 6°.8/27.3 18

10 28	4 49.32	+ 2 55.5	2.074	2.900	12.9	20.0
11 7	4 43.34	+ 1 58.6	2.025	2.916	10.2	19.8
11 17	4 35.62	+ 1 11.9	2.000	2.931	7.9	19.7
11 27	4 26.93	+ 0 39.9	2.003	2.947	6.8	19.7
12 7	4 18.19	+ 0 25.6	2.034	2.961	7.8	19.8
12 17	4 10.29	+ 0 30.0	2.091	2.976	9.9	19.9
12 27	4 3.98	+ 0 52.2	2.174	2.990	12.4	20.1
1 6	3 59.74	+ 1 29.6	2.278	3.004	14.6	20.3

151677 2003 AB_{12} 11 29.9 323°.57 1°.4/30.3 18

10 28	4 51.73	+25 13.3	1.351	2.207	16.8	20.1
11 7	4 46.54	+25 16.3	1.277	2.198	12.5	19.8
11 17	4 38.14	+25 10.4	1.225	2.189	7.6	19.5
11 27	4 27.60	+24 54.6	1.197	2.181	2.4	19.1
12 7	4 16.50	+24 30.3	1.195	2.173	4.1	19.2
12 17	4 6.54	+24 1.5	1.219	2.166	9.5	19.5
12 27	3 59.20	+23 34.0	1.267	2.159	14.4	19.8
1 6	3 55.33	+23 12.8	1.335	2.153	18.5	20.0

36122 1999 RG_{145} 11 29.9 238°.24 6°.6/26.9 18

10 28	4 49.47	+ 6 37.1	1.848	2.688	13.7	18.5
11 7	4 43.86	+ 5 23.0	1.777	2.681	10.7	18.3
11 17	4 36.13	+ 4 14.8	1.730	2.673	7.9	18.1
11 27	4 27.09	+ 3 18.6	1.710	2.666	6.6	18.0
12 7	4 17.78	+ 2 39.2	1.718	2.658	7.9	18.1
12 17	4 9.25	+ 2 19.8	1.753	2.650	10.8	18.2
12 27	4 2.45	+ 2 21.1	1.812	2.641	13.9	18.4
1 6	3 58.02	+ 2 41.5	1.891	2.633	16.6	18.6

487488 2014 SY_{264} 11 29.9 179°.92 4°.9/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.60	+ 6 30.9	2.676	3.504	10.3	21.5
11 7	4 41.17	+ 5 29.4	2.608	3.504	8.0	21.4
11 17	4 34.33	+ 4 32.7	2.566	3.505	5.9	21.2
11 27	4 26.66	+ 3 44.5	2.553	3.505	4.9	21.2
12 7	4 18.86	+ 3 8.0	2.569	3.505	5.9	21.2
12 17	4 11.63	+ 2 45.2	2.615	3.505	8.0	21.4
12 27	4 5.59	+ 2 36.8	2.687	3.504	10.2	21.5
1 6	4 1.20	+ 2 42.1	2.781	3.502	12.3	21.7

520356 2014 GU_{63} 11 29.9 158°.04 1°.0/29.5 18

10 28	4 51.11	+19 51.6	2.101	2.939	12.3	22.5
11 7	4 44.85	+19 28.6	2.031	2.945	9.0	22.3
11 17	4 36.62	+19 2.3	1.985	2.949	5.2	22.1
11 27	4 27.20	+18 34.2	1.969	2.953	1.5	21.8
12 7	4 17.60	+18 6.6	1.982	2.957	3.3	22.0
12 17	4 8.82	+17 42.2	2.024	2.961	7.1	22.2
12 27	4 1.74	+17 23.7	2.095	2.963	10.6	22.4
1 6	3 56.93	+17 13.1	2.188	2.966	13.6	22.6

383609 2007 JJ_{20} 11 29.9 294°.89 1°.8/29.4 18 R

10 28	4 50.97	+18 56.5	1.492	2.349	15.5	21.4
11 7	4 45.68	+18 31.4	1.410	2.333	11.5	21.1
11 17	4 37.55	+18 2.7	1.351	2.317	6.8	20.8
11 27	4 27.49	+17 32.3	1.317	2.301	2.2	20.5
12 7	4 16.85	+17 3.6	1.310	2.286	4.5	20.6
12 17	4 7.13	+16 40.5	1.330	2.270	9.6	20.8
12 27	3 59.65	+16 26.8	1.374	2.255	14.3	21.1
1 6	3 55.25	+16 24.9	1.439	2.240	18.3	21.3

35727 1999 GM_1 11 29.9 253°.86 1°.4/29.6 18

10 28	4 54.62	+18 20.7	1.405	2.259	16.4	18.4
11 7	4 48.44	+18 23.7	1.332	2.253	12.1	18.1
11 17	4 39.18	+18 25.9	1.282	2.248	7.1	17.8
11 27	4 27.86	+18 27.8	1.257	2.242	2.0	17.5
12 7	4 15.99	+18 30.6	1.259	2.235	4.4	17.6
12 17	4 5.20	+18 36.5	1.287	2.229	9.7	17.9
12 27	3 56.91	+18 47.9	1.341	2.223	14.5	18.2
1 6	3 51.96	+19 6.7	1.414	2.216	18.5	18.4

364930 2008 FX_{56} 11 29.9 55°.80 1°.5/29.4 18

10 28	4 49.50	+18 28.7	1.874	2.721	13.2	21.4
11 7	4 43.86	+18 10.9	1.810	2.728	9.6	21.2
11 17	4 36.11	+17 51.3	1.770	2.735	5.6	21.0
11 27	4 27.10	+17 31.6	1.758	2.742	1.8	20.7
12 7	4 17.90	+17 13.9	1.774	2.749	3.7	20.9
12 17	4 9.60	+17 0.7	1.819	2.756	7.7	21.1
12 27	4 3.11	+16 54.2	1.890	2.763	11.3	21.4
1 6	3 59.03	+16 55.9	1.983	2.771	14.4	21.6

322673 1999 TT_{229} 11 29.9 118°.04 1°.3/29.5 18

10 28	4 55.36	+20 4.0	1.606	2.451	15.2	21.4
11 7	4 48.30	+19 35.9	1.549	2.466	11.1	21.2
11 17	4 38.72	+19 3.5	1.517	2.481	6.4	21.0
11 27	4 27.69	+18 29.0	1.511	2.496	1.8	20.7
12 7	4 16.59	+17 55.5	1.534	2.510	4.0	20.9
12 17	4 6.72	+17 26.7	1.585	2.523	8.6	21.2
12 27	3 59.16	+17 6.2	1.662	2.536	12.6	21.5
1 6	3 54.48	+16 56.1	1.761	2.548	16.0	21.7

328587 2009 SU_{55} 11 29.9 346°.03 2°.2/28.8 17

10 28	4 47.13	+18 33.3	1.886	2.737	13.0	20.8
11 7	4 42.17	+17 36.9	1.813	2.733	9.5	20.6
11 17	4 35.16	+16 36.4	1.765	2.729	5.6	20.4
11 27	4 26.89	+15 35.4	1.744	2.726	2.4	20.1
12 7	4 18.42	+14 38.3	1.751	2.723	4.2	20.3
12 17	4 10.77	+13 49.3	1.788	2.721	8.1	20.5
12 27	4 4.86	+13 12.2	1.850	2.719	11.8	20.7
1 6	4 1.26	+12 48.5	1.934	2.717	14.9	20.9

192146 2006 FP_{22} 11 29.9 161°.82 5°.9/26.9 18

10 28	4 46.16	+ 3 56.7	2.448	3.275	11.2	20.5
11 7	4 40.97	+ 2 56.6	2.384	3.277	8.8	20.4
11 17	4 34.27	+ 2 3.9	2.346	3.278	6.8	20.2
11 27	4 26.68	+ 1 22.7	2.335	3.279	5.9	20.2
12 7	4 18.96	+ 0 56.0	2.353	3.281	6.8	20.2
12 17	4 11.84	+ 0 45.6	2.399	3.282	8.9	20.4
12 27	4 6.00	+ 0 51.5	2.470	3.283	11.2	20.5
1 6	4 1.92	+ 1 12.4	2.563	3.284	13.2	20.7

454712 2014 SZ_{158} 11 29.9 47°.91 0°.3/29.8 18

10 28	4 48.76	+21 8.5	2.086	2.928	12.2	20.9
11 7	4 43.20	+21 4.8	2.020	2.935	8.9	20.7
11 17	4 35.70	+20 57.9	1.978	2.943	5.2	20.5
11 27	4 27.02	+20 48.2	1.965	2.950	1.2	20.2
12 7	4 18.16	+20 37.2	1.980	2.958	2.9	20.3
12 17	4 10.09	+20 26.9	2.025	2.966	6.8	20.6
12 27	4 3.69	+20 19.6	2.097	2.973	10.2	20.8
1 6	3 59.51	+20 17.5	2.192	2.982	13.2	21.0

451255 2010 KW_{82} 11 29.9 109°.56 1°.7/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.47	+17 7.0	2.253	3.088	11.7	21.8
11 7	4 44.85	+16 48.8	2.197	3.109	8.5	21.7
11 17	4 36.50	+16 30.0	2.167	3.130	5.0	21.5
11 27	4 27.18	+16 12.1	2.167	3.150	1.9	21.3
12 7	4 17.83	+15 56.8	2.197	3.169	3.4	21.4
12 17	4 9.32	+15 46.2	2.257	3.189	6.8	21.7
12 27	4 2.42	+15 41.8	2.345	3.207	9.9	21.9
1 6	3 57.60	+15 44.5	2.456	3.225	12.5	22.1

357476 2004 FB_{109} 11 29.9 271°.30 5°.0/27.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.46	+10 36.0	1.988	2.831	12.7	21.1
11 7	4 43.12	+ 9 28.8	1.905	2.815	9.7	20.9
11 17	4 35.74	+ 8 23.3	1.846	2.799	6.7	20.7
11 27	4 27.06	+ 7 24.4	1.816	2.783	5.0	20.5
12 7	4 18.03	+ 6 36.7	1.814	2.767	6.4	20.6
12 17	4 9.69	+ 6 4.1	1.840	2.750	9.5	20.7
12 27	4 2.94	+ 5 48.6	1.891	2.734	12.8	20.9
1 6	3 58.42	+ 5 50.0	1.964	2.717	15.7	21.1

367868 2011 CH_{115} 11 29.9 15°.62 4°.0/ 1.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.40	+34 26.7	2.068	2.884	13.3	21.0
11 7	4 44.66	+34 28.7	1.994	2.885	10.4	20.8
11 17	4 36.65	+34 16.9	1.943	2.887	7.2	20.6
11 27	4 27.26	+33 49.7	1.919	2.889	4.5	20.4
12 7	4 17.64	+33 8.1	1.924	2.891	4.5	20.4
12 17	4 8.98	+32 15.7	1.957	2.894	7.2	20.6
12 27	4 2.25	+31 18.2	2.017	2.897	10.4	20.8
1 6	3 58.08	+30 21.3	2.101	2.900	13.3	21.0

386038 2007 EH_{71} 11 29.9 217°.63 0°.0/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.56	+22 5.3	1.876	2.715	13.6	22.3
11 7	4 47.06	+22 1.1	1.795	2.708	10.0	22.1
11 17	4 38.13	+21 52.0	1.738	2.701	5.9	21.8
11 27	4 27.62	+21 38.4	1.708	2.694	1.4	21.5
12 7	4 16.71	+21 21.4	1.708	2.686	3.3	21.6
12 17	4 6.64	+21 3.7	1.737	2.677	7.7	21.9
12 27	3 58.52	+20 48.8	1.793	2.668	11.8	22.1
1 6	3 53.07	+20 39.7	1.871	2.659	15.2	22.3

332245 2006 KH_{31} 11 29.9 7°.35 0°.0/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.73	+23 4.1	2.177	3.017	11.9	20.8
11 7	4 42.44	+22 47.0	2.103	3.018	8.7	20.6
11 17	4 35.26	+22 24.6	2.054	3.018	5.1	20.4
11 27	4 26.93	+21 57.7	2.034	3.019	1.2	20.1
12 7	4 18.40	+21 28.5	2.042	3.020	2.8	20.2
12 17	4 10.62	+20 59.5	2.080	3.021	6.6	20.5
12 27	4 4.42	+20 34.0	2.145	3.022	10.0	20.7
1 6	4 0.37	+20 14.4	2.233	3.024	12.9	20.9

188669 2005 SK_{140} 11 29.9 122°.07 0°.9/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.94	+20 7.5	1.754	2.595	14.3	21.7
11 7	4 47.88	+19 55.6	1.695	2.610	10.4	21.5
11 17	4 38.46	+19 40.1	1.660	2.624	6.0	21.3
11 27	4 27.66	+19 22.3	1.653	2.639	1.5	21.0
12 7	4 16.75	+19 4.1	1.676	2.652	3.6	21.2
12 17	4 6.94	+18 48.3	1.727	2.665	7.9	21.5
12 27	3 59.26	+18 37.8	1.804	2.677	11.8	21.7
1 6	3 54.30	+18 34.8	1.905	2.689	15.0	22.0

453485 2009 SM_{286} 11 29.9 178°.36 0°.8/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.49	+21 25.4	2.337	3.174	11.3	20.6
11 7	4 42.83	+20 48.5	2.261	3.175	8.2	20.5
11 17	4 35.42	+20 6.7	2.211	3.175	4.8	20.2
11 27	4 26.97	+19 21.9	2.190	3.175	1.2	20.0
12 7	4 18.37	+18 36.8	2.199	3.175	2.9	20.1
12 17	4 10.48	+17 54.7	2.239	3.175	6.5	20.4
12 27	4 4.08	+17 18.7	2.306	3.175	9.8	20.6
1 6	3 59.69	+16 51.0	2.397	3.174	12.5	20.8

217162 2002 PW_{96} 11 29.9 45°.15 4°.5/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.46	+12 30.3	1.130	1.997	18.6	19.3
11 7	4 47.51	+12 16.0	1.090	2.015	13.8	19.1
11 17	4 38.47	+12 8.2	1.071	2.034	8.6	18.9
11 27	4 27.68	+12 10.0	1.075	2.054	4.6	18.7
12 7	4 16.84	+12 23.2	1.104	2.074	6.4	18.9
12 17	4 7.59	+12 48.6	1.158	2.095	11.1	19.2
12 27	4 1.16	+13 25.7	1.234	2.116	15.5	19.5
1 6	3 58.14	+14 12.6	1.330	2.137	19.2	19.8

62616 2000 SF_{343} 11 29.9 246°.09 0°.6/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.67	+20 16.6	2.059	2.901	12.4	19.7
11 7	4 43.96	+20 10.4	1.985	2.900	9.1	19.5
11 17	4 36.20	+20 1.4	1.935	2.899	5.3	19.3
11 27	4 27.18	+19 50.3	1.913	2.898	1.3	19.0
12 7	4 17.89	+19 38.6	1.920	2.897	3.1	19.1
12 17	4 9.35	+19 28.3	1.957	2.896	7.1	19.4
12 27	4 2.50	+19 21.8	2.020	2.895	10.7	19.6
1 6	3 57.94	+19 21.2	2.107	2.894	13.7	19.8

401355 2013 BX_{9} 11 29.9 277°.71 5°.3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.18	+ 7 32.1	1.792	2.632	14.0	21.0
11 7	4 45.31	+ 7 17.9	1.715	2.622	10.8	20.7
11 17	4 37.12	+ 7 12.1	1.660	2.611	7.5	20.5
11 27	4 27.41	+ 7 18.0	1.633	2.600	5.4	20.4
12 7	4 17.29	+ 7 37.6	1.633	2.590	6.6	20.4
12 17	4 7.91	+ 8 11.5	1.661	2.579	9.8	20.6
12 27	4 0.35	+ 8 58.8	1.715	2.568	13.4	20.8
1 6	3 55.31	+ 9 57.5	1.790	2.558	16.5	21.0

325593 2009 SB_{158} 11 29.9 249°.48 2°.9/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.28	+14 27.6	2.333	3.174	11.2	20.8
11 7	4 41.97	+13 44.0	2.253	3.166	8.3	20.6
11 17	4 34.95	+13 0.4	2.199	3.159	5.2	20.4
11 27	4 26.89	+12 19.5	2.174	3.151	3.0	20.3
12 7	4 18.60	+11 44.5	2.178	3.143	4.3	20.4
12 17	4 10.93	+11 17.9	2.212	3.136	7.4	20.5
12 27	4 4.65	+11 1.8	2.273	3.128	10.5	20.7
1 6	4 0.29	+10 56.9	2.356	3.120	13.1	20.9

47573 2000 AV_{170} 11 29.9 34°.63 4°.5/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.56	+13 36.5	1.374	2.234	16.4	18.5
11 7	4 45.96	+12 50.1	1.314	2.236	12.2	18.3
11 17	4 37.58	+12 5.7	1.276	2.238	7.7	18.0
11 27	4 27.51	+11 28.0	1.263	2.240	4.5	17.9
12 7	4 17.17	+11 1.6	1.276	2.243	6.4	18.0
12 17	4 7.99	+10 49.8	1.316	2.246	10.7	18.2
12 27	4 1.20	+10 54.2	1.378	2.249	14.9	18.5
1 6	3 57.46	+11 14.1	1.461	2.252	18.5	18.7

288214 2003 YJ_{34} 11 29.9 41°.19 4°.3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.86	+15 58.9	1.362	2.226	16.2	19.7
11 7	4 44.44	+14 32.2	1.319	2.244	11.9	19.5
11 17	4 36.50	+13 4.8	1.298	2.262	7.4	19.3
11 27	4 27.22	+11 43.5	1.304	2.282	4.3	19.2
12 7	4 17.98	+10 35.1	1.335	2.301	6.3	19.3
12 17	4 10.08	+ 9 44.7	1.393	2.322	10.4	19.6
12 27	4 4.51	+ 9 14.9	1.475	2.343	14.3	19.9
1 6	4 1.77	+ 9 4.9	1.577	2.364	17.6	20.2

407938 2012 CH_{42} 11 29.9 215°.82 3°.6/ 1.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.78	+32 27.0	2.112	2.930	13.0	21.4
11 7	4 45.68	+32 43.0	2.035	2.929	10.0	21.2
11 17	4 37.28	+32 47.6	1.982	2.928	6.8	21.0
11 27	4 27.44	+32 38.7	1.955	2.928	4.0	20.9
12 7	4 17.29	+32 16.5	1.958	2.927	4.3	20.9
12 17	4 8.01	+31 43.8	1.989	2.926	7.2	21.1
12 27	4 0.61	+31 5.2	2.048	2.925	10.4	21.3
1 6	3 55.77	+30 26.0	2.130	2.924	13.3	21.4

324141 2005 YR_{91} 11 29.9 63°.95 4°.7/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.86	+ 8 37.1	1.995	2.835	12.8	20.2
11 7	4 43.16	+ 8 11.4	1.941	2.849	9.7	20.0
11 17	4 35.62	+ 7 52.2	1.912	2.863	6.6	19.9
11 27	4 27.03	+ 7 42.5	1.910	2.878	4.7	19.8
12 7	4 18.35	+ 7 44.2	1.937	2.892	5.8	19.9
12 17	4 10.50	+ 7 58.3	1.992	2.907	8.6	20.1
12 27	4 4.30	+ 8 24.4	2.072	2.922	11.6	20.3
1 6	4 0.25	+ 9 1.0	2.175	2.937	14.1	20.5

279186 2009 SD_{343} 11 29.9 22°.91 1°.1/29.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.47	+19 10.2	1.579	2.437	14.7	20.9
11 7	4 43.43	+19 6.5	1.524	2.447	10.7	20.7
11 17	4 35.99	+19 1.0	1.492	2.459	6.2	20.5
11 27	4 27.13	+18 54.7	1.486	2.471	1.7	20.2
12 7	4 18.10	+18 49.5	1.507	2.484	3.7	20.4
12 17	4 10.12	+18 47.4	1.555	2.498	8.2	20.7
12 27	4 4.23	+18 50.8	1.629	2.513	12.2	21.0
1 6	4 1.02	+19 0.9	1.724	2.528	15.6	21.2

510530 2012 FV_{19} 11 29.9 290°.37 0°.9/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.56	+20 17.9	1.285	2.145	17.2	21.7
11 7	4 47.98	+20 11.2	1.211	2.135	12.8	21.4
11 17	4 39.08	+20 0.5	1.159	2.126	7.5	21.1
11 27	4 27.92	+19 46.6	1.131	2.116	1.9	20.7
12 7	4 16.14	+19 31.6	1.129	2.107	4.5	20.9
12 17	4 5.50	+19 19.0	1.153	2.098	10.2	21.2
12 27	3 57.55	+19 12.9	1.201	2.089	15.3	21.4
1 6	3 53.17	+19 16.3	1.268	2.080	19.7	21.7

418548 2008 SQ_{113} 11 29.9 342°.86 3°.2/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.19	+14 3.8	1.853	2.707	13.0	20.4
11 7	4 41.59	+13 36.9	1.779	2.698	9.7	20.1
11 17	4 34.91	+13 11.6	1.728	2.690	6.0	19.9
11 27	4 26.91	+12 50.7	1.703	2.682	3.3	19.7
12 7	4 18.60	+12 37.0	1.707	2.676	4.8	19.8
12 17	4 11.02	+12 32.8	1.738	2.669	8.5	20.0
12 27	4 5.12	+12 39.3	1.795	2.664	12.1	20.2
1 6	4 1.54	+12 56.8	1.873	2.659	15.2	20.4

50195 2000 AL_{197} 11 29.9 123°.54 0°.3/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.83	+23 39.7	1.746	2.585	14.4	18.5
11 7	4 47.79	+22 56.5	1.686	2.599	10.5	18.3
11 17	4 38.39	+22 5.2	1.650	2.613	6.1	18.0
11 27	4 27.67	+21 7.7	1.641	2.627	1.4	17.8
12 7	4 16.91	+20 8.3	1.662	2.640	3.4	17.9
12 17	4 7.34	+19 11.8	1.713	2.652	7.9	18.2
12 27	3 59.95	+18 23.4	1.790	2.664	11.9	18.5
1 6	3 55.30	+17 46.2	1.889	2.675	15.1	18.8

239182 2006 KU_{83} 11 29.9 67°.38 1°.3/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.12	+19 16.3	1.620	2.470	14.8	20.7
11 7	4 45.96	+19 0.7	1.567	2.486	10.8	20.5
11 17	4 37.40	+18 42.5	1.537	2.502	6.2	20.3
11 27	4 27.46	+18 23.4	1.534	2.518	1.8	20.1
12 7	4 17.43	+18 5.6	1.559	2.535	3.8	20.2
12 17	4 8.54	+17 52.0	1.611	2.551	8.3	20.5
12 27	4 1.82	+17 45.3	1.690	2.568	12.2	20.8
1 6	3 57.83	+17 46.8	1.790	2.584	15.5	21.1

414745 2010 EX_{13} 11 29.9 84°.66 4°.3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.04	+ 6 55.3	2.313	3.141	11.7	20.1
11 7	4 43.86	+ 6 58.1	2.251	3.151	8.9	20.0
11 17	4 36.00	+ 7 8.4	2.214	3.162	6.1	19.8
11 27	4 27.14	+ 7 28.0	2.206	3.172	4.4	19.7
12 7	4 18.14	+ 7 57.5	2.227	3.182	5.2	19.8
12 17	4 9.83	+ 8 36.7	2.278	3.192	7.8	20.0
12 27	4 2.97	+ 9 24.7	2.356	3.202	10.5	20.2
1 6	3 58.07	+10 19.9	2.458	3.212	12.9	20.3

13321 1998 RC_{80} 11 29.9 18°.20 6°.1/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.84	+ 6 9.9	1.899	2.741	13.3	17.7
11 7	4 41.86	+ 5 22.8	1.839	2.744	10.3	17.5
11 17	4 34.95	+ 4 43.7	1.803	2.748	7.5	17.3
11 27	4 26.91	+ 4 17.2	1.794	2.752	6.1	17.2
12 7	4 18.70	+ 4 6.3	1.812	2.756	7.2	17.3
12 17	4 11.27	+ 4 12.6	1.856	2.761	9.8	17.5
12 27	4 5.49	+ 4 35.6	1.926	2.766	12.7	17.7
1 6	4 1.88	+ 5 13.3	2.016	2.772	15.3	17.9

164070 2003 WV_{70} 11 29.9 71°.47 7°.8/ 3.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 58.17	+43 6.9	1.701	2.488	17.0	19.3
11 7	4 50.90	+43 29.0	1.644	2.504	13.9	19.2
11 17	4 40.45	+43 27.7	1.607	2.520	10.8	19.0
11 27	4 28.17	+42 58.4	1.595	2.536	8.4	18.9
12 7	4 15.83	+42 1.7	1.609	2.553	8.0	18.9
12 17	4 5.13	+40 43.2	1.649	2.569	9.8	19.1
12 27	3 57.33	+39 12.5	1.715	2.585	12.5	19.3
1 6	3 53.04	+37 39.7	1.804	2.601	15.3	19.5

478443 2012 JU_{66} 11 29.9 153°.95 11°.8/26.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.29	−10 25.5	1.886	2.664	15.9	21.9
11 7	4 47.18	−11 29.2	1.839	2.673	13.9	21.8
11 17	4 37.99	−12 10.8	1.813	2.681	12.3	21.7
11 27	4 27.60	−12 24.0	1.812	2.689	11.8	21.7
12 7	4 17.12	−12 5.8	1.835	2.696	12.4	21.7
12 17	4 7.60	−11 17.1	1.883	2.702	13.9	21.8
12 27	3 59.96	−10 2.0	1.953	2.707	15.8	22.0
1 6	3 54.76	− 8 27.0	2.042	2.712	17.6	22.1

84467 2002 TX_{258} 11 29.9 45°.40 0°.8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.21	+19 38.6	1.158	2.024	18.3	18.8
11 7	4 48.18	+19 44.9	1.115	2.042	13.4	18.6
11 17	4 38.94	+19 48.7	1.093	2.061	7.7	18.3
11 27	4 27.84	+19 50.4	1.094	2.080	1.9	18.0
12 7	4 16.65	+19 51.5	1.122	2.100	4.4	18.2
12 17	4 7.08	+19 54.4	1.174	2.120	9.9	18.6
12 27	4 0.42	+20 2.1	1.250	2.141	14.6	19.0
1 6	3 57.27	+20 16.6	1.346	2.162	18.5	19.3

175197 2005 ED_{288} 11 29.9 154°.08 1°.4/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.13	+26 8.3	1.674	2.510	15.1	20.8
11 7	4 49.09	+26 3.2	1.607	2.517	11.2	20.5
11 17	4 39.35	+25 48.6	1.562	2.523	6.7	20.3
11 27	4 27.95	+25 24.2	1.544	2.528	2.2	20.0
12 7	4 16.30	+24 51.7	1.556	2.533	3.5	20.1
12 17	4 5.82	+24 15.1	1.595	2.537	8.1	20.4
12 27	3 57.68	+23 39.7	1.662	2.541	12.3	20.7
1 6	3 52.56	+23 10.2	1.750	2.544	15.8	20.9

404536 2013 JS_{1} 11 29.9 300°.52 3°.4/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.24	+14 4.0	1.729	2.580	13.9	21.4
11 7	4 44.12	+13 36.7	1.642	2.560	10.4	21.2
11 17	4 36.56	+13 10.6	1.577	2.539	6.6	20.9
11 27	4 27.35	+12 48.8	1.540	2.519	3.5	20.7
12 7	4 17.61	+12 34.3	1.530	2.498	5.2	20.7
12 17	4 8.57	+12 29.8	1.547	2.478	9.3	20.9
12 27	4 1.37	+12 37.2	1.589	2.458	13.4	21.1
1 6	3 56.79	+12 56.9	1.653	2.439	16.9	21.3

490878 2011 BM_{19} 11 29.9 205°.53 4°.0/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.39	+ 8 18.0	2.607	3.437	10.5	21.9
11 7	4 41.88	+ 7 55.3	2.532	3.434	8.0	21.8
11 17	4 34.86	+ 7 37.6	2.482	3.431	5.5	21.6
11 27	4 26.91	+ 7 27.3	2.462	3.427	4.0	21.5
12 7	4 18.76	+ 7 26.1	2.471	3.423	5.0	21.6
12 17	4 11.16	+ 7 35.1	2.509	3.419	7.3	21.7
12 27	4 4.79	+ 7 54.5	2.575	3.415	9.9	21.9
1 6	4 0.12	+ 8 23.5	2.664	3.411	12.2	22.0

295074 2008 ED_{130} 11 29.9 107°.79 1°.1/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.03	+19 29.2	1.656	2.498	14.9	20.9
11 7	4 48.74	+19 18.5	1.603	2.518	10.9	20.7
11 17	4 38.99	+19 5.0	1.573	2.537	6.3	20.5
11 27	4 27.85	+18 49.8	1.572	2.557	1.7	20.2
12 7	4 16.65	+18 34.9	1.599	2.575	3.8	20.4
12 17	4 6.67	+18 22.9	1.655	2.593	8.2	20.7
12 27	3 58.95	+18 16.7	1.737	2.610	12.2	21.0
1 6	3 54.07	+18 18.1	1.841	2.627	15.4	21.3

252048 2000 RU_{90} 11 29.9 68°.16 1°.1/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 57.94	+26 7.3	1.200	2.053	18.7	20.3
11 7	4 50.70	+25 43.3	1.161	2.080	13.7	20.1
11 17	4 40.25	+25 7.3	1.143	2.107	8.1	19.9
11 27	4 28.11	+24 20.5	1.149	2.134	2.3	19.6
12 7	4 16.17	+23 27.5	1.182	2.160	4.1	19.8
12 17	4 6.10	+22 34.7	1.241	2.187	9.5	20.2
12 27	3 59.11	+21 49.1	1.324	2.213	14.1	20.5
1 6	3 55.68	+21 15.1	1.428	2.239	17.9	20.9

27438 Carolynjons 11 29.9 263°.71 1°.4/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.34	+18 43.8	1.931	2.775	13.0	19.0
11 7	4 44.65	+18 28.4	1.849	2.765	9.6	18.8
11 17	4 36.73	+18 10.6	1.791	2.755	5.6	18.5
11 27	4 27.37	+17 52.0	1.761	2.745	1.8	18.2
12 7	4 17.64	+17 34.6	1.760	2.735	3.6	18.4
12 17	4 8.65	+17 20.8	1.787	2.724	7.8	18.6
12 27	4 1.42	+17 13.3	1.841	2.714	11.6	18.8
1 6	3 56.63	+17 13.8	1.917	2.703	14.9	19.0

267611 2002 RY_{156} 11 29.9 221°.84 3°.6/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 46.54	+11 29.3	2.445	3.284	10.8	20.6
11 7	4 41.34	+10 48.0	2.372	3.281	8.1	20.4
11 17	4 34.57	+10 9.0	2.324	3.279	5.3	20.2
11 27	4 26.85	+ 9 35.3	2.305	3.276	3.6	20.1
12 7	4 18.94	+ 9 9.6	2.315	3.274	4.8	20.2
12 17	4 11.64	+ 8 53.9	2.355	3.271	7.4	20.4
12 27	4 5.63	+ 8 49.5	2.421	3.268	10.2	20.5
1 6	4 1.43	+ 8 56.2	2.511	3.265	12.6	20.7

310918 2003 SY_{106} 11 29.9 11°.05 0°.9/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.69	+22 41.8	1.630	2.480	14.7	20.2
11 7	4 45.07	+21 47.3	1.561	2.480	10.8	19.9
11 17	4 36.98	+20 44.2	1.515	2.481	6.3	19.7
11 27	4 27.41	+19 35.6	1.496	2.481	1.6	19.4
12 7	4 17.65	+18 26.4	1.506	2.482	3.8	19.5
12 17	4 8.95	+17 22.5	1.543	2.483	8.5	19.8
12 27	4 2.39	+16 29.2	1.606	2.485	12.7	20.1
1 6	3 58.60	+15 49.8	1.691	2.486	16.2	20.3

497606 2006 MW_{2} 11 29.9 266°.52 4°.5/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.92	+ 5 33.3	2.547	3.366	11.0	21.3
11 7	4 44.61	+ 5 38.5	2.454	3.348	8.6	21.1
11 17	4 36.56	+ 5 51.9	2.386	3.329	6.1	20.9
11 27	4 27.34	+ 6 15.4	2.347	3.309	4.5	20.7
12 7	4 17.75	+ 6 49.9	2.339	3.290	5.4	20.8
12 17	4 8.62	+ 7 35.2	2.362	3.270	7.8	20.9
12 27	4 0.74	+ 8 30.4	2.412	3.250	10.6	21.0
1 6	3 54.70	+ 9 34.0	2.487	3.230	13.1	21.2

367982 2012 FT_{5} 11 29.9 108°.29 2°.0/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.87	+29 18.2	2.453	3.272	11.4	21.4
11 7	4 44.53	+29 14.5	2.389	3.288	8.5	21.3
11 17	4 36.41	+29 2.0	2.349	3.303	5.4	21.1
11 27	4 27.27	+28 40.4	2.339	3.318	2.5	20.9
12 7	4 18.05	+28 10.9	2.359	3.333	3.0	21.0
12 17	4 9.64	+27 36.4	2.408	3.347	5.9	21.2
12 27	4 2.83	+27 0.3	2.487	3.362	8.9	21.4
1 6	3 58.12	+26 26.4	2.590	3.375	11.5	21.6

10406 1997 WZ_{29} 11 29.9 40°.42 0°.6/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.83	+25 16.4	1.889	2.731	13.3	17.1
11 7	4 43.36	+24 49.5	1.832	2.747	9.8	16.9
11 17	4 35.83	+24 14.7	1.800	2.763	5.7	16.7
11 27	4 27.14	+23 33.4	1.795	2.780	1.5	16.5
12 7	4 18.40	+22 48.4	1.819	2.797	3.0	16.6
12 17	4 10.66	+22 3.6	1.871	2.815	7.0	16.9
12 27	4 4.79	+21 23.4	1.950	2.832	10.6	17.2
1 6	4 1.32	+20 50.8	2.053	2.851	13.6	17.4

108073 2001 FZ_{168} 11 29.9 143°.95 1°.0/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.80	+17 56.1	2.793	3.624	9.8	19.9
11 7	4 42.82	+17 54.6	2.723	3.633	7.2	19.7
11 17	4 35.36	+17 52.4	2.679	3.642	4.2	19.5
11 27	4 27.04	+17 50.1	2.666	3.650	1.3	19.3
12 7	4 18.57	+17 48.7	2.683	3.658	2.6	19.4
12 17	4 10.69	+17 49.3	2.731	3.665	5.6	19.7
12 27	4 4.04	+17 53.2	2.808	3.672	8.4	19.8
1 6	3 59.10	+18 1.4	2.910	3.679	10.8	20.0

510203 2011 CR_{79} 11 29.9 165°.33 1°.4/30.5 18

10 28	4 54.86	+27 3.1	1.731	2.565	14.7	22.3
11 7	4 48.12	+26 46.3	1.659	2.569	11.0	22.0
11 17	4 38.78	+26 18.9	1.612	2.572	6.6	21.8
11 27	4 27.86	+25 40.9	1.591	2.574	2.2	21.5
12 7	4 16.69	+24 54.6	1.599	2.577	3.5	21.6
12 17	4 6.64	+24 4.7	1.636	2.578	7.9	21.9
12 27	3 58.83	+23 16.9	1.700	2.580	12.0	22.1
1 6	3 53.93	+22 36.1	1.786	2.580	15.5	22.4

50385 2000 CZ_{89} 11 29.9 85°.27 8°.6/27.4 18

10 28	4 49.92	− 0 43.7	1.829	2.652	14.5	18.5
11 7	4 44.08	− 1 35.8	1.778	2.661	11.9	18.4
11 17	4 36.24	− 2 13.2	1.751	2.671	9.6	18.3
11 27	4 27.25	− 2 30.7	1.749	2.681	8.6	18.2
12 7	4 18.15	− 2 25.5	1.773	2.690	9.4	18.3
12 17	4 9.94	− 1 57.2	1.823	2.700	11.6	18.5
12 27	4 3.51	− 1 8.2	1.897	2.709	14.0	18.7
1 6	3 59.39	− 0 2.8	1.991	2.719	16.3	18.8

492481 2014 NR_{47} 11 29.9 40°.98 1°.9/28.9 18

10 28	4 49.21	+20 54.2	1.775	2.624	13.7	20.5
11 7	4 43.66	+19 37.0	1.715	2.634	10.0	20.3
11 17	4 36.01	+18 13.4	1.680	2.645	5.8	20.1
11 27	4 27.19	+16 47.9	1.673	2.657	2.1	19.9
12 7	4 18.33	+15 26.2	1.695	2.668	4.1	20.1
12 17	4 10.52	+14 14.0	1.746	2.680	8.2	20.3
12 27	4 4.62	+13 15.8	1.823	2.693	11.9	20.6
1 6	4 1.16	+12 33.6	1.922	2.705	15.0	20.8

289041 2004 TF_{146} 11 29.9 26°.02 2°.9/28.9 18

10 28	4 47.60	+15 59.7	1.669	2.526	14.1	19.9
11 7	4 42.64	+15 19.1	1.613	2.535	10.3	19.7
11 17	4 35.50	+14 38.4	1.580	2.545	6.3	19.5
11 27	4 27.09	+14 1.0	1.574	2.555	3.1	19.3
12 7	4 18.55	+13 30.6	1.596	2.566	4.8	19.5
12 17	4 10.99	+13 10.1	1.644	2.578	8.7	19.7
12 27	4 5.35	+13 1.5	1.718	2.590	12.4	20.0
1 6	4 2.19	+13 5.2	1.813	2.603	15.5	20.2

276792 2004 NO_{14} 11 29.9 87°.57 1°.3/29.5 18

10 28	4 54.21	+19 47.5	1.599	2.446	15.1	21.1
11 7	4 47.47	+19 24.2	1.548	2.466	11.0	20.9
11 17	4 38.28	+18 57.5	1.521	2.486	6.4	20.7
11 27	4 27.72	+18 29.3	1.521	2.505	1.8	20.4
12 7	4 17.14	+18 2.3	1.549	2.525	3.9	20.6
12 17	4 7.79	+17 40.0	1.605	2.544	8.4	20.9
12 27	4 0.71	+17 25.3	1.687	2.562	12.4	21.2
1 6	3 56.45	+17 20.2	1.790	2.581	15.6	21.5

231609 2009 RV 11 29.9 35°.45 4°.3/28.2 18

10 28	4 47.41	+12 12.3	1.869	2.718	13.1	20.3
11 7	4 42.30	+11 18.1	1.810	2.726	9.8	20.1
11 17	4 35.23	+10 26.5	1.776	2.733	6.4	19.9
11 27	4 27.04	+ 9 41.8	1.769	2.742	4.3	19.8
12 7	4 18.72	+ 9 7.7	1.790	2.750	5.7	19.9
12 17	4 11.25	+ 8 46.9	1.838	2.759	8.9	20.1
12 27	4 5.50	+ 8 40.8	1.912	2.768	12.1	20.3
1 6	4 1.98	+ 8 48.8	2.008	2.777	14.9	20.6

55302 2001 SC_{48} 11 29.9 73°.94 0°.0/29.9 18

10 28	4 51.53	+21 15.5	1.866	2.708	13.5	18.4
11 7	4 45.47	+21 21.4	1.801	2.716	9.8	18.2
11 17	4 37.17	+21 23.9	1.760	2.724	5.7	18.0
11 27	4 27.50	+21 23.0	1.747	2.732	1.3	17.7
12 7	4 17.61	+21 19.9	1.763	2.741	3.1	17.8
12 17	4 8.63	+21 16.3	1.807	2.749	7.4	18.1
12 27	4 1.56	+21 14.9	1.879	2.757	11.1	18.4
1 6	3 57.03	+21 17.8	1.973	2.765	14.3	18.6

272474 2005 UO_{80} 11 29.9 49°.01 3°.2/29.3 18

10 28	4 53.15	+14 17.5	1.327	2.186	16.9	19.7
11 7	4 47.15	+14 12.3	1.276	2.198	12.4	19.5
11 17	4 38.31	+14 10.9	1.247	2.211	7.5	19.2
11 27	4 27.77	+14 15.1	1.243	2.224	3.5	19.0
12 7	4 17.05	+14 26.5	1.265	2.238	5.3	19.2
12 17	4 7.64	+14 46.3	1.314	2.252	9.9	19.5
12 27	4 0.73	+15 14.9	1.386	2.266	14.2	19.8
1 6	3 56.99	+15 52.0	1.479	2.280	17.9	20.1

297010 2010 FL_{87} 11 29.9 164°.77 1°.0/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.28	+19 21.9	1.841	2.684	13.6	21.1
11 7	4 46.07	+19 13.9	1.770	2.686	10.0	20.8
11 17	4 37.55	+19 3.5	1.724	2.688	5.8	20.6
11 27	4 27.60	+18 51.6	1.704	2.689	1.6	20.3
12 7	4 17.37	+18 40.0	1.714	2.691	3.5	20.5
12 17	4 8.04	+18 30.9	1.753	2.692	7.8	20.7
12 27	4 0.63	+18 26.8	1.818	2.693	11.7	21.0
1 6	3 55.79	+18 29.7	1.906	2.693	14.9	21.2

8823 1987 WS_3 11 29.9 10°.79 1°.0/29.5 18

10 28	4 46.75	+26 8.9	1.079	1.954	18.7	15.3
11 7	4 43.00	+24 26.7	1.026	1.958	13.7	15.0
11 17	4 36.03	+22 26.3	0.994	1.963	7.9	14.7
11 27	4 27.24	+20 15.2	0.985	1.971	1.9	14.4
12 7	4 18.38	+18 5.0	1.002	1.980	4.8	14.6
12 17	4 11.08	+16 8.1	1.043	1.991	10.6	15.0
12 27	4 6.59	+14 33.8	1.108	2.003	15.7	15.3
1 6	4 5.45	+13 26.0	1.191	2.017	19.8	15.6

96072 6222 $P–L$ 11 29.9 61°.02 0°.2/29.9 18

10 28	4 56.36	+22 37.3	1.094	1.958	19.3	20.0
11 7	4 49.86	+22 18.1	1.052	1.978	14.1	19.8
11 17	4 39.95	+21 51.1	1.031	1.998	8.2	19.5
11 27	4 28.13	+21 17.9	1.034	2.019	1.9	19.2
12 7	4 16.35	+20 42.5	1.062	2.040	4.4	19.5
12 17	4 6.41	+20 10.3	1.115	2.062	10.2	19.9
12 27	3 59.63	+19 46.5	1.191	2.083	15.1	20.2
1 6	3 56.56	+19 34.3	1.287	2.104	19.1	20.5

380712 2005 NG_{49} 11 29.9 67°.34 4°.4/28.9 18

10 28	4 54.89	+12 23.2	1.341	2.196	17.0	20.4
11 7	4 48.13	+11 55.3	1.302	2.221	12.6	20.3
11 17	4 38.71	+11 32.7	1.285	2.246	7.9	20.1
11 27	4 27.84	+11 18.8	1.293	2.271	4.6	19.9
12 7	4 17.04	+11 16.2	1.328	2.295	6.2	20.1
12 17	4 7.69	+11 26.3	1.390	2.320	10.2	20.4
12 27	4 0.86	+11 49.1	1.475	2.345	14.2	20.7
1 6	3 57.08	+12 23.2	1.581	2.369	17.5	21.0

303623 2005 JR_{66} 11 29.9 243°.62 4°.6/ 1.1 18

10 28	4 55.96	+32 33.7	2.008	2.821	13.8	20.2
11 7	4 49.15	+33 28.0	1.923	2.813	10.8	19.9
11 17	4 39.59	+34 12.6	1.862	2.804	7.5	19.7
11 27	4 28.15	+34 43.0	1.828	2.795	4.9	19.6
12 7	4 16.06	+34 57.1	1.823	2.786	5.3	19.6
12 17	4 4.75	+34 55.6	1.847	2.777	8.1	19.7
12 27	3 55.49	+34 42.7	1.898	2.768	11.5	19.9
1 6	3 49.15	+34 24.2	1.971	2.758	14.5	20.1

485322 2011 BA_{56} 11 29.9 358°.64 1°.9/30.9 17

10 28	4 49.42	+28 56.5	1.996	2.828	13.1	21.0
11 7	4 43.94	+28 36.7	1.920	2.827	9.8	20.8
11 17	4 36.29	+28 5.8	1.869	2.827	6.1	20.6
11 27	4 27.32	+27 24.3	1.845	2.826	2.5	20.4
12 7	4 18.13	+26 34.3	1.850	2.826	3.2	20.4
12 17	4 9.85	+25 39.8	1.883	2.826	7.0	20.6
12 27	4 3.41	+24 46.2	1.944	2.827	10.6	20.9
1 6	3 59.42	+23 57.9	2.028	2.828	13.7	21.1

455516 2003 WV_{146} 11 29.9 0°.32 7°.1/ 1.6 16

10 28	5 9.38	− 1 27.1	0.752	1.605	26.8	19.6
11 7	5 1.55	+ 0 56.5	0.690	1.602	21.3	19.3
11 17	4 48.10	+ 4 16.2	0.645	1.600	14.6	18.9
11 27	4 30.30	+ 8 29.2	0.623	1.599	8.2	18.6
12 7	4 10.88	+13 14.7	0.626	1.600	8.6	18.6
12 17	3 53.19	+18 0.9	0.656	1.602	15.2	18.9
12 27	3 40.13	+22 23.3	0.710	1.605	21.9	19.3
1 6	3 33.13	+26 11.9	0.781	1.610	27.3	19.7

512581 2016 SE_{40} 11 29.9 79°.20 1°.2/29.6 18

10 28	4 55.31	+19 51.0	1.460	2.310	16.1	21.6
11 7	4 48.42	+19 31.4	1.413	2.333	11.7	21.4
11 17	4 38.89	+19 8.4	1.390	2.355	6.8	21.2
11 27	4 27.90	+18 43.6	1.392	2.377	1.9	20.9
12 7	4 16.91	+18 20.0	1.423	2.399	4.0	21.1
12 17	4 7.32	+18 0.8	1.481	2.421	8.8	21.5
12 27	4 0.20	+17 49.4	1.564	2.443	13.0	21.8
1 6	3 56.09	+17 47.4	1.669	2.464	16.4	22.1

359731 2011 UY_{36} 11 29.9 2°.03 1°.2/29.6 18

10 28	4 49.97	+19 45.6	1.694	2.545	14.2	21.1
11 7	4 44.55	+19 26.8	1.625	2.545	10.4	20.8
11 17	4 36.74	+19 4.7	1.579	2.545	6.1	20.6
11 27	4 27.45	+18 40.9	1.560	2.545	1.7	20.3
12 7	4 17.87	+18 17.9	1.569	2.545	3.7	20.5
12 17	4 9.22	+17 58.7	1.605	2.546	8.2	20.7
12 27	4 2.58	+17 46.4	1.667	2.547	12.3	21.0
1 6	3 58.59	+17 43.0	1.751	2.548	15.7	21.2

52249 1981 EK_{21} 11 29.9 181°.74 3°.6/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.23	+32 38.3	2.173	2.986	12.9	19.9
11 7	4 46.73	+32 55.5	2.095	2.987	9.9	19.7
11 17	4 37.95	+33 1.4	2.042	2.987	6.7	19.5
11 27	4 27.73	+32 53.7	2.015	2.987	4.0	19.4
12 7	4 17.20	+32 32.7	2.018	2.987	4.3	19.4
12 17	4 7.53	+32 0.8	2.051	2.986	7.1	19.6
12 27	3 59.74	+31 22.7	2.110	2.985	10.3	19.8
1 6	3 54.49	+30 43.7	2.194	2.984	13.1	19.9

203189 2001 CF_{6} 11 29.9 279°.34 7°.6/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.23	+ 2 49.5	1.753	2.587	14.6	19.8
11 7	4 44.66	+ 2 7.0	1.680	2.576	11.7	19.6
11 17	4 36.81	+ 1 36.0	1.629	2.565	9.0	19.4
11 27	4 27.48	+ 1 21.7	1.604	2.553	7.6	19.3
12 7	4 17.77	+ 1 27.7	1.606	2.542	8.7	19.3
12 17	4 8.83	+ 1 55.1	1.634	2.531	11.4	19.5
12 27	4 1.69	+ 2 42.7	1.686	2.520	14.5	19.7
1 6	3 57.04	+ 3 47.0	1.759	2.509	17.4	19.8

57978 2002 PO_{35} 11 29.9 110°.19 0°.2/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 48.96	+21 50.5	2.578	3.409	10.5	20.9
11 7	4 43.03	+21 38.2	2.514	3.425	7.7	20.7
11 17	4 35.53	+21 22.4	2.477	3.439	4.4	20.5
11 27	4 27.14	+21 3.6	2.469	3.454	1.0	20.3
12 7	4 18.66	+20 43.6	2.491	3.468	2.5	20.5
12 17	4 10.87	+20 24.1	2.544	3.482	5.7	20.7
12 27	4 4.48	+20 7.5	2.625	3.496	8.7	20.9
1 6	3 59.93	+19 55.7	2.732	3.509	11.2	21.1

280366 2003 TE 11 29.9 46°.49 0°.1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 10.58	+15 0.1	1.247	2.081	19.3	18.8
11 7	4 59.76	+17 8.5	1.217	2.127	14.0	18.7
11 17	4 45.53	+19 20.0	1.210	2.173	8.0	18.5
11 27	4 29.43	+21 25.9	1.233	2.218	1.8	18.2
12 7	4 13.51	+23 18.5	1.287	2.264	4.2	18.5
12 17	3 59.66	+24 54.3	1.371	2.310	9.5	18.9
12 27	3 49.22	+26 14.7	1.481	2.355	13.9	19.3
1 6	3 42.76	+27 23.4	1.614	2.400	17.2	19.7

163910 2003 SF_{238} 11 29.9 129°.20 2°.0/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.25	+28 10.8	2.205	3.023	12.5	21.7
11 7	4 47.90	+28 17.6	2.141	3.041	9.3	21.5
11 17	4 38.47	+28 15.6	2.103	3.058	5.8	21.3
11 27	4 27.83	+28 4.1	2.093	3.074	2.5	21.1
12 7	4 17.08	+27 43.8	2.114	3.089	3.2	21.2
12 17	4 7.28	+27 17.5	2.165	3.104	6.6	21.4
12 27	3 59.34	+26 49.0	2.244	3.117	9.8	21.7
1 6	3 53.82	+26 22.5	2.348	3.131	12.6	21.9

82274 2001 KJ_{22} 11 29.9 5°.44 2°.4/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.08	+23 40.3	1.486	2.333	16.0	18.3
11 7	4 48.91	+24 50.8	1.417	2.333	12.0	18.0
11 17	4 39.61	+25 58.9	1.371	2.333	7.3	17.8
11 27	4 28.18	+27 0.1	1.352	2.334	2.9	17.5
12 7	4 16.13	+27 51.1	1.360	2.336	4.3	17.6
12 17	4 5.09	+28 30.9	1.396	2.339	9.0	17.9
12 27	3 56.55	+29 1.9	1.457	2.342	13.3	18.1
1 6	3 51.39	+29 28.1	1.539	2.346	17.0	18.4

44279 1998 QH_{75} 11 29.9 187°.84 3°.7/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.21	+13 32.5	2.111	2.950	12.2	19.5
11 7	4 44.22	+12 33.3	2.038	2.950	9.1	19.3
11 17	4 36.35	+11 34.4	1.991	2.949	5.8	19.1
11 27	4 27.35	+10 39.5	1.973	2.948	3.7	19.0
12 7	4 18.16	+ 9 52.6	1.985	2.946	5.1	19.1
12 17	4 9.74	+ 9 17.1	2.025	2.944	8.3	19.3
12 27	4 2.91	+ 8 55.1	2.093	2.941	11.5	19.5
1 6	3 58.23	+ 8 47.1	2.182	2.938	14.3	19.6

243948 2001 QD_{117} 11 29.9 97°.08 5°.9/ 2.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.16	+39 16.1	2.052	2.843	14.3	19.9
11 7	4 48.98	+39 40.4	1.990	2.859	11.5	19.8
11 17	4 39.25	+39 47.6	1.951	2.875	8.6	19.6
11 27	4 28.02	+39 34.4	1.938	2.890	6.3	19.5
12 7	4 16.65	+39 1.1	1.954	2.905	6.1	19.5
12 17	4 6.47	+38 11.3	1.997	2.920	8.1	19.7
12 27	3 58.58	+37 11.4	2.067	2.935	10.8	19.9
1 6	3 53.57	+36 8.6	2.161	2.949	13.4	20.1

399168 2014 FL_{36} 11 29.9 291°.45 1°.1/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.75	+19 23.5	1.597	2.448	14.9	21.4
11 7	4 46.28	+19 17.8	1.509	2.429	11.0	21.1
11 17	4 38.02	+19 9.5	1.444	2.410	6.5	20.8
11 27	4 27.83	+18 59.6	1.406	2.391	1.8	20.5
12 7	4 16.99	+18 49.7	1.395	2.372	4.0	20.6
12 17	4 6.93	+18 42.4	1.411	2.353	9.0	20.8
12 27	3 58.99	+18 40.9	1.453	2.334	13.6	21.0
1 6	3 54.03	+18 47.4	1.515	2.315	17.6	21.2

517313 2014 HY_{202} 11 29.9 243°.51 0°.1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.52	+21 10.1	1.898	2.738	13.4	21.6
11 7	4 46.38	+21 16.8	1.816	2.730	9.9	21.3
11 17	4 37.85	+21 20.2	1.758	2.722	5.8	21.1
11 27	4 27.75	+21 20.4	1.728	2.714	1.3	20.7
12 7	4 17.22	+21 18.0	1.727	2.705	3.2	20.9
12 17	4 7.47	+21 14.9	1.755	2.696	7.6	21.1
12 27	3 59.58	+21 13.8	1.810	2.687	11.6	21.3
1 6	3 54.29	+21 17.0	1.888	2.678	15.0	21.6

255160 2005 UO_{184} 11 29.9 95°.58 1°.8/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.69	+25 54.7	2.082	2.912	12.7	20.6
11 7	4 46.29	+26 24.8	2.012	2.919	9.5	20.4
11 17	4 37.68	+26 48.9	1.967	2.925	5.8	20.2
11 27	4 27.70	+27 5.5	1.950	2.932	2.3	19.9
12 7	4 17.41	+27 14.1	1.963	2.939	3.2	20.0
12 17	4 7.96	+27 16.1	2.006	2.946	6.9	20.3
12 27	4 0.32	+27 14.4	2.076	2.953	10.3	20.5
1 6	3 55.13	+27 12.3	2.169	2.959	13.3	20.7

230819 2004 LZ_{6} 11 29.9 149°.70 0°.8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.01	+19 22.5	1.856	2.694	13.7	21.1
11 7	4 48.03	+19 26.1	1.789	2.702	10.1	20.9
11 17	4 38.70	+19 27.7	1.746	2.709	5.9	20.6
11 27	4 27.94	+19 27.5	1.731	2.716	1.5	20.4
12 7	4 16.92	+19 26.7	1.746	2.723	3.4	20.5
12 17	4 6.85	+19 26.9	1.790	2.728	7.7	20.8
12 27	3 58.78	+19 30.4	1.861	2.733	11.6	21.0
1 6	3 53.34	+19 39.1	1.955	2.738	14.8	21.3

317234 2002 CD_{189} 11 29.9 251°.39 4°.2/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.64	+31 8.6	1.434	2.269	17.1	20.9
11 7	4 50.32	+31 31.5	1.357	2.263	13.2	20.6
11 17	4 40.55	+31 40.6	1.302	2.255	8.8	20.3
11 27	4 28.45	+31 31.8	1.272	2.248	4.8	20.1
12 7	4 15.72	+31 4.9	1.268	2.241	5.3	20.1
12 17	4 4.20	+30 23.6	1.291	2.233	9.6	20.3
12 27	3 55.51	+29 35.7	1.338	2.225	14.1	20.6
1 6	3 50.52	+28 49.2	1.406	2.217	18.1	20.8

8657 Cedrus 11 29.9 14°.44 0°.9/30.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.24	+24 47.9	1.860	2.702	13.5	17.7
11 7	4 44.68	+24 46.3	1.789	2.703	10.0	17.5
11 17	4 36.81	+24 37.8	1.742	2.704	6.0	17.2
11 27	4 27.52	+24 22.4	1.721	2.706	1.8	17.0
12 7	4 17.95	+24 1.6	1.730	2.708	3.1	17.1
12 17	4 9.27	+23 38.1	1.766	2.710	7.3	17.3
12 27	4 2.52	+23 15.7	1.829	2.712	11.2	17.6
1 6	3 58.32	+22 57.9	1.915	2.714	14.4	17.8

302553 2002 ON_{28} 11 29.9 113°.87 6°.9/27.1 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.33	+ 3 42.6	2.042	2.869	13.1	21.9
11 7	4 44.18	+ 2 32.1	1.993	2.886	10.3	21.8
11 17	4 36.26	+ 1 31.1	1.970	2.901	7.9	21.6
11 27	4 27.35	+ 0 44.5	1.973	2.917	6.9	21.6
12 7	4 18.40	+ 0 16.1	2.005	2.932	7.9	21.7
12 17	4 10.31	+ 0 7.4	2.064	2.947	10.1	21.9
12 27	4 3.86	+ 0 17.9	2.147	2.961	12.6	22.1
1 6	3 59.51	+ 0 45.0	2.252	2.974	14.8	22.3

500284 2012 PB_{16} 11 29.9 118°.36 16°.8/ 7.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 11.85	+54 35.1	1.131	1.890	25.4	21.6
11 7	5 4.21	+56 3.7	1.077	1.894	22.6	21.4
11 17	4 49.77	+56 53.1	1.036	1.899	19.9	21.3
11 27	4 30.65	+56 46.8	1.013	1.903	17.7	21.1
12 7	4 10.88	+55 37.2	1.009	1.907	16.8	21.1
12 17	3 54.59	+53 31.7	1.025	1.910	17.6	21.2
12 27	3 44.41	+50 50.5	1.061	1.914	19.8	21.3
1 6	3 40.86	+47 56.7	1.116	1.917	22.4	21.5

140058 2001 SA_{101} 11 29.9 208°.88 2°.9/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.69	+29 25.5	1.957	2.784	13.5	19.9
11 7	4 46.53	+29 44.8	1.881	2.783	10.3	19.7
11 17	4 37.94	+29 54.6	1.828	2.782	6.6	19.4
11 27	4 27.80	+29 52.9	1.803	2.781	3.3	19.2
12 7	4 17.30	+29 39.9	1.807	2.781	3.9	19.3
12 17	4 7.68	+29 18.0	1.840	2.780	7.4	19.5
12 27	4 0.04	+28 51.5	1.899	2.779	11.0	19.7
1 6	3 55.07	+28 25.2	1.981	2.778	14.1	19.9

285013 2011 BT_{89} 11 29.9 27°.03 5°.7/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 47.48	+ 6 18.2	1.965	2.805	13.0	20.5
11 7	4 42.32	+ 5 40.6	1.905	2.809	10.1	20.3
11 17	4 35.30	+ 5 11.1	1.869	2.814	7.3	20.1
11 27	4 27.16	+ 4 53.5	1.859	2.819	5.8	20.1
12 7	4 18.84	+ 4 50.5	1.878	2.824	6.8	20.1
12 17	4 11.30	+ 5 3.1	1.923	2.830	9.4	20.3
12 27	4 5.36	+ 5 30.8	1.994	2.836	12.3	20.5
1 6	4 1.55	+ 6 11.7	2.086	2.842	14.8	20.7

291413 2006 DK_7 11 29.9 216°.98 0°.4/29.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.45	+21 12.1	2.510	3.344	10.7	22.1
11 7	4 42.85	+20 58.8	2.428	3.340	7.8	21.9
11 17	4 35.56	+20 42.1	2.372	3.335	4.6	21.7
11 27	4 27.22	+20 22.7	2.345	3.331	1.1	21.4
12 7	4 18.66	+20 2.2	2.349	3.326	2.6	21.5
12 17	4 10.69	+19 42.7	2.383	3.321	6.1	21.8
12 27	4 4.09	+19 26.4	2.444	3.315	9.2	22.0
1 6	3 59.40	+19 15.4	2.531	3.310	11.9	22.1

487562 2014 WK_{159} 11 29.9 89°.56 2°.9/29.0 18

10 28	4 48.49	+12 24.3	2.342	3.179	11.3	20.8
11 7	4 42.84	+12 15.4	2.276	3.187	8.3	20.6
11 17	4 35.52	+12 9.6	2.236	3.194	5.3	20.4
11 27	4 27.21	+12 8.7	2.224	3.201	3.0	20.3
12 7	4 18.74	+12 13.8	2.242	3.208	4.1	20.4
12 17	4 10.92	+12 26.0	2.289	3.215	7.0	20.6
12 27	4 4.52	+12 45.7	2.363	3.222	10.0	20.8
1 6	4 0.03	+13 12.7	2.462	3.229	12.5	20.9

265882 2006 AF_8 11 29.9 325°.87 24°.0/27.0 17

10 28	4 54.50	−21 51.6	0.971	1.755	27.0	19.5
11 7	4 49.17	−23 30.9	0.930	1.745	25.6	19.3
11 17	4 40.00	−24 21.6	0.901	1.736	24.4	19.2
11 27	4 28.35	−24 8.0	0.885	1.727	24.0	19.1
12 7	4 16.18	−22 42.9	0.884	1.720	24.5	19.1
12 17	4 5.54	−20 9.4	0.898	1.713	25.8	19.2
12 27	3 58.11	−16 40.3	0.927	1.706	27.6	19.3
1 6	3 54.75	−12 34.5	0.970	1.701	29.6	19.5

104120 2000 EL_{55} 11 29.9 102°.93 3°.0/28.8 18

10 28	4 47.45	+12 38.3	2.424	3.261	10.9	19.8
11 7	4 42.04	+12 15.9	2.357	3.267	8.1	19.6
11 17	4 35.05	+11 56.0	2.315	3.273	5.1	19.4
11 27	4 27.11	+11 40.6	2.303	3.279	3.0	19.3
12 7	4 19.03	+11 31.6	2.320	3.284	4.2	19.4
12 17	4 11.58	+11 30.4	2.366	3.290	7.0	19.6
12 27	4 5.48	+11 37.8	2.440	3.295	9.8	19.8
1 6	4 1.21	+11 53.9	2.537	3.301	12.3	20.0

866 Fatme 11 29.9 66°.45 1°.7/29.5 18

10 28	4 49.09	+16 25.2	2.212	3.052	11.7	14.4
11 7	4 43.43	+16 23.8	2.143	3.057	8.6	14.2
11 17	4 35.94	+16 23.0	2.099	3.062	5.1	14.0
11 27	4 27.33	+16 23.7	2.084	3.067	1.9	13.8
12 7	4 18.52	+16 27.1	2.098	3.072	3.4	13.9
12 17	4 10.41	+16 34.3	2.141	3.076	6.9	14.1
12 27	4 3.82	+16 46.5	2.212	3.081	10.1	14.3
1 6	3 59.30	+17 4.4	2.307	3.086	12.9	14.5

501550 2014 KJ_{85} 11 29.9 79°.47 12°.4/ 1.1 17

10 28	5 4.99	− 6 44.3	1.059	1.877	23.1	20.8
11 7	4 56.53	− 6 17.9	1.004	1.882	19.2	20.6
11 17	4 44.17	− 5 14.7	0.966	1.887	15.4	20.4
11 27	4 29.31	− 3 28.9	0.951	1.892	12.7	20.2
12 7	4 14.00	− 1 2.8	0.961	1.897	13.0	20.3
12 17	4 0.36	+ 1 53.0	0.996	1.903	16.0	20.5
12 27	3 50.11	+ 5 4.6	1.055	1.908	19.9	20.7
1 6	3 44.08	+ 8 19.0	1.133	1.913	23.5	21.0

391195 2006 EC_{53} 11 29.9 190°.14 1°.2/30.4 18

10 28	4 53.55	+25 37.3	2.085	2.913	12.8	22.7
11 7	4 46.94	+25 39.1	2.006	2.912	9.5	22.5
11 17	4 38.10	+25 33.8	1.952	2.911	5.7	22.2
11 27	4 27.85	+25 20.8	1.926	2.909	1.9	22.0
12 7	4 17.30	+25 1.2	1.930	2.907	3.0	22.1
12 17	4 7.57	+24 37.5	1.963	2.904	7.0	22.3
12 27	3 59.66	+24 13.5	2.025	2.900	10.6	22.5
1 6	3 54.22	+23 52.7	2.110	2.896	13.7	22.7

268831 2006 WM_{34} 11 29.9 275°.55 2°.7/29.1 18

10 28	4 52.12	+17 21.4	1.477	2.333	15.7	21.2
11 7	4 46.55	+16 44.0	1.401	2.322	11.6	21.0
11 17	4 38.16	+16 3.8	1.346	2.311	7.0	20.7
11 27	4 27.90	+15 24.1	1.318	2.301	2.9	20.4
12 7	4 17.16	+14 49.0	1.317	2.290	5.1	20.5
12 17	4 7.40	+14 22.7	1.342	2.279	9.9	20.8
12 27	3 59.92	+14 8.8	1.392	2.268	14.4	21.0
1 6	3 55.49	+14 8.7	1.462	2.257	18.3	21.2

112030 2002 HF_7 11 29.9 91°.18 1°.1/29.8 18

10 28	4 57.84	+18 27.5	1.433	2.280	16.5	19.3
11 7	4 50.45	+18 39.5	1.383	2.300	12.1	19.0
11 17	4 40.22	+18 50.5	1.356	2.320	7.0	18.8
11 27	4 28.34	+19 0.4	1.355	2.340	1.9	18.5
12 7	4 16.34	+19 10.0	1.382	2.359	4.0	18.7
12 17	4 5.74	+19 20.7	1.438	2.378	9.0	19.1
12 27	3 57.72	+19 34.9	1.518	2.397	13.3	19.4
1 6	3 52.91	+19 54.3	1.620	2.415	16.8	19.7

206159 2002 TU_{185} 11 29.9 128°.33 2°.8/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.54	+31 11.0	2.231	3.044	12.6	20.9
11 7	4 47.45	+31 14.4	2.165	3.059	9.5	20.7
11 17	4 38.27	+31 6.9	2.124	3.073	6.2	20.6
11 27	4 27.88	+30 47.4	2.111	3.087	3.3	20.4
12 7	4 17.37	+30 16.9	2.129	3.101	3.6	20.4
12 17	4 7.81	+29 38.6	2.176	3.113	6.6	20.7
12 27	4 0.14	+28 57.0	2.252	3.126	9.7	20.9
1 6	3 54.88	+28 16.7	2.351	3.137	12.5	21.1

20737 1999 XJ_{189} 11 29.9 263°.92 2°.0/30.6 18

10 28	4 51.18	+26 49.9	2.256	3.083	12.0	18.1
11 7	4 45.20	+27 15.3	2.173	3.077	9.0	17.9
11 17	4 37.11	+27 34.6	2.115	3.072	5.6	17.7
11 27	4 27.65	+27 46.3	2.085	3.066	2.4	17.5
12 7	4 17.80	+27 50.1	2.084	3.060	3.2	17.5
12 17	4 8.61	+27 47.3	2.114	3.054	6.6	17.7
12 27	4 1.05	+27 40.7	2.171	3.048	9.9	17.9
1 6	3 55.79	+27 33.5	2.252	3.041	12.9	18.1

337382 2001 QC_{91} 11 29.9 59°.12 9°.7/25.2 17

10 28	4 55.20	+13 12.8	0.939	1.815	20.7	19.6
11 7	4 49.16	+ 9 44.0	0.898	1.825	15.7	19.3
11 17	4 39.64	+ 6 13.3	0.878	1.835	11.3	19.1
11 27	4 28.21	+ 3 0.8	0.883	1.845	9.8	19.1
12 7	4 16.86	+ 0 25.1	0.913	1.856	12.5	19.3
12 17	4 7.41	− 1 22.6	0.965	1.867	16.8	19.6
12 27	4 1.15	− 2 21.3	1.036	1.878	21.0	19.9
1 6	3 58.63	− 2 37.8	1.123	1.890	24.4	20.2

21034 1989 WB_3 11 30.0 78°.55 0°.0/29.8 18

10 28	4 51.10	+20 55.4	2.114	2.952	12.3	18.4
11 7	4 45.06	+21 12.4	2.044	2.957	9.0	18.2
11 17	4 36.98	+21 27.1	1.998	2.961	5.3	18.0
11 27	4 27.63	+21 39.0	1.981	2.966	1.2	17.7
12 7	4 18.01	+21 48.6	1.994	2.971	2.8	17.9
12 17	4 9.15	+21 56.9	2.036	2.976	6.7	18.1
12 27	4 1.96	+22 5.8	2.105	2.981	10.2	18.3
1 6	3 57.06	+22 17.1	2.199	2.986	13.2	18.6

192581 1998 YH_{16} 11 30.0 285°.54 1°.0/30.5 18

10 28	4 48.64	+25 53.9	2.325	3.156	11.5	20.3
11 7	4 43.27	+25 44.9	2.234	3.142	8.6	20.1
11 17	4 35.96	+25 29.0	2.168	3.128	5.2	19.9
11 27	4 27.41	+25 6.1	2.131	3.114	1.7	19.6
12 7	4 18.52	+24 37.5	2.123	3.100	2.7	19.7
12 17	4 10.25	+24 5.8	2.145	3.086	6.4	19.9
12 27	4 3.49	+23 34.5	2.194	3.072	9.8	20.1
1 6	3 58.86	+23 6.9	2.268	3.058	12.7	20.3

302730 2002 TY_{345} 11 30.0 102°.34 2°.4/29.3 18

10 28	4 51.33	+15 31.3	1.864	2.708	13.4	21.0
11 7	4 45.33	+15 20.4	1.798	2.714	9.9	20.8
11 17	4 37.16	+15 10.6	1.757	2.719	5.9	20.6
11 27	4 27.68	+15 3.6	1.743	2.725	2.6	20.4
12 7	4 17.97	+15 1.1	1.758	2.731	4.2	20.5
12 17	4 9.13	+15 4.7	1.802	2.736	8.0	20.7
12 27	4 2.12	+15 15.8	1.872	2.741	11.6	21.0
1 6	3 57.55	+15 34.8	1.964	2.746	14.7	21.2

394142 2006 KT_{55} 11 30.0 230°.86 7°.2/27.5 18

10 28	4 50.67	+ 2 30.4	1.978	2.803	13.5	21.5
11 7	4 44.77	+ 1 44.4	1.905	2.795	10.8	21.3
11 17	4 36.84	+ 1 8.8	1.856	2.787	8.4	21.1
11 27	4 27.61	+ 0 48.4	1.833	2.778	7.2	21.1
12 7	4 18.08	+ 0 46.5	1.838	2.769	8.2	21.1
12 17	4 9.26	+ 1 4.4	1.871	2.760	10.6	21.2
12 27	4 2.06	+ 1 41.1	1.928	2.750	13.4	21.4
1 6	3 57.12	+ 2 33.9	2.006	2.740	16.0	21.6

113466 2002 SH_{54} 11 30.0 152°.67 0°.5/30.3 18

10 28	4 48.71	+24 35.7	2.657	3.485	10.4	20.4
11 7	4 42.94	+24 21.1	2.582	3.489	7.6	20.2
11 17	4 35.59	+24 0.9	2.533	3.494	4.5	20.0
11 27	4 27.30	+23 35.8	2.514	3.499	1.2	19.8
12 7	4 18.86	+23 7.1	2.525	3.503	2.3	19.9
12 17	4 11.06	+22 37.4	2.567	3.507	5.6	20.1
12 27	4 4.61	+22 9.2	2.637	3.510	8.5	20.3
1 6	4 0.01	+21 45.1	2.732	3.514	11.1	20.5

80909 2000 DL_{59} 11 30.0 161°.52 1°.5/29.5 18

10 28	4 53.87	+18 55.4	1.842	2.682	13.7	20.7
11 7	4 47.22	+18 32.6	1.773	2.687	10.0	20.4
11 17	4 38.28	+18 7.0	1.729	2.692	5.9	20.2
11 27	4 27.95	+17 40.3	1.712	2.696	1.9	19.9
12 7	4 17.39	+17 14.9	1.725	2.700	3.8	20.1
12 17	4 7.78	+16 53.9	1.767	2.703	8.0	20.4
12 27	4 0.14	+16 40.2	1.835	2.706	11.8	20.6
1 6	3 55.08	+16 35.4	1.926	2.707	15.0	20.8