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

	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

223854 2004 TL_{239} 11 30.0 114.°51 3.°5/ 1.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.88	+31 14.4	2.234	3.050	12.5	20.8
11 7	4 46.49	+31 50.6	2.160	3.054	9.6	20.6
11 17	4 37.89	+32 17.5	2.111	3.058	6.4	20.4
11 27	4 27.88	+32 32.6	2.090	3.062	3.8	20.3
12 7	4 17.53	+32 35.4	2.098	3.066	4.1	20.3
12 17	4 7.96	+32 27.3	2.135	3.069	6.9	20.5
12 27	4 0.18	+32 11.8	2.200	3.073	10.0	20.7
1 6	3 54.83	+31 53.4	2.288	3.077	12.7	20.9

332989 2011 FP_{127} 11 30.0 232.°95 0.°0/29.9 17

10 28	4 49.47	+21 0.6	2.423	3.257	11.0	20.7
11 7	4 43.72	+21 10.7	2.343	3.254	8.1	20.5
11 17	4 36.16	+21 18.4	2.288	3.251	4.7	20.3
11 27	4 27.46	+21 23.8	2.263	3.248	1.1	20.0
12 7	4 18.48	+21 27.3	2.268	3.245	2.6	20.1
12 17	4 10.10	+21 30.1	2.302	3.242	6.1	20.3
12 27	4 3.14	+21 34.0	2.365	3.239	9.4	20.5
1 6	3 58.18	+21 40.8	2.452	3.235	12.1	20.7

505876 2015 DO_{102} 11 30.0 196.°70 2.°5/30.6 18

10 28	4 57.54	+26 39.1	1.507	2.346	16.3	21.0
11 7	4 50.73	+27 6.5	1.435	2.345	12.3	20.8
11 17	4 40.72	+27 25.5	1.384	2.343	7.6	20.5
11 27	4 28.59	+27 33.2	1.360	2.342	3.1	20.2
12 7	4 15.91	+27 29.1	1.363	2.339	4.2	20.3
12 17	4 4.38	+27 15.7	1.394	2.337	9.0	20.6
12 27	3 55.45	+26 58.1	1.450	2.334	13.5	20.8
1 6	3 49.97	+26 42.1	1.527	2.330	17.3	21.1

48454 1991 PP_{12} 11 30.0 28.°53 1.°8/30.5 18

10 28	4 51.54	+25 58.9	0.960	1.835	20.4	17.8
11 7	4 46.86	+25 56.9	0.922	1.852	15.1	17.6
11 17	4 38.49	+25 42.4	0.902	1.869	9.0	17.3
11 27	4 28.01	+25 15.6	0.904	1.889	2.9	17.1
12 7	4 17.48	+24 40.2	0.930	1.910	4.6	17.2
12 17	4 8.85	+24 2.3	0.980	1.932	10.4	17.6
12 27	4 3.51	+23 29.1	1.051	1.955	15.5	18.0
1 6	4 2.02	+23 5.4	1.140	1.979	19.6	18.4

415379 2013 LY_{26} 11 30.0 76.°44 6.°5/27.1 18

10 28	4 47.92	+ 3 33.5	2.203	3.031	12.2	21.4
11 7	4 42.36	+ 2 28.4	2.159	3.051	9.7	21.2
11 17	4 35.22	+ 1 32.5	2.140	3.071	7.4	21.1
11 27	4 27.22	+ 0 50.4	2.148	3.091	6.5	21.1
12 7	4 19.21	+ 0 25.1	2.185	3.111	7.4	21.2
12 17	4 11.97	+ 0 17.8	2.248	3.131	9.4	21.4
12 27	4 6.20	+ 0 28.0	2.337	3.151	11.7	21.5
1 6	4 2.34	+ 0 53.6	2.447	3.170	13.7	21.7

389515 2010 GK_{136} 11 30.0 141.°83 3.°5/ 1.9 18

10 28	4 55.93	+34 34.2	2.154	2.958	13.3	20.8
11 7	4 48.56	+34 15.5	2.083	2.969	10.3	20.6
11 17	4 38.97	+33 41.9	2.036	2.979	6.9	20.4
11 27	4 28.11	+32 52.5	2.017	2.989	4.0	20.3
12 7	4 17.20	+31 49.4	2.029	2.998	4.1	20.3
12 17	4 7.37	+30 37.2	2.070	3.007	6.9	20.5
12 27	3 59.60	+29 22.5	2.140	3.015	10.1	20.7
1 6	3 54.42	+28 11.2	2.234	3.022	13.0	20.9

323347 2003 UH_{304} 11 30.0 108.°23 0.°5/30.3 18

10 28	4 49.44	+24 37.7	2.426	3.257	11.1	21.1
11 7	4 43.57	+24 22.8	2.359	3.268	8.2	20.9
11 17	4 35.99	+24 2.0	2.318	3.279	4.8	20.7
11 27	4 27.42	+23 36.0	2.305	3.290	1.3	20.5
12 7	4 18.74	+23 6.4	2.323	3.300	2.5	20.6
12 17	4 10.80	+22 35.8	2.370	3.311	5.9	20.8
12 27	4 4.36	+22 7.2	2.446	3.321	9.0	21.1
1 6	3 59.91	+21 43.3	2.547	3.331	11.7	21.3

158902 2004 QW_{18} 11 30.0 70.°18 0.°4/29.9 18

10 28	4 54.89	+21 3.7	1.485	2.334	15.9	20.4
11 7	4 48.23	+20 59.6	1.437	2.355	11.6	20.2
11 17	4 38.92	+20 51.3	1.411	2.376	6.7	19.9
11 27	4 28.11	+20 39.5	1.412	2.397	1.6	19.7
12 7	4 17.25	+20 26.0	1.441	2.419	3.7	19.9
12 17	4 7.71	+20 13.8	1.497	2.440	8.5	20.2
12 27	4 0.61	+20 6.2	1.578	2.460	12.7	20.5
1 6	3 56.52	+20 5.5	1.681	2.481	16.1	20.8

418523 2008 SO_{62} 11 30.0 60.°52 11.°8/ 6.0 17

10 28	5 6.66	+57 25.8	2.284	2.963	16.0	21.0
11 7	4 58.16	+59 2.1	2.230	2.977	14.5	20.9
11 17	4 45.44	+60 13.9	2.195	2.991	13.1	20.9
11 27	4 29.76	+60 53.2	2.181	3.006	12.2	20.8
12 7	4 13.26	+60 56.1	2.191	3.020	11.9	20.8
12 17	3 58.31	+60 24.5	2.223	3.035	12.3	20.9
12 27	3 46.88	+59 25.9	2.277	3.050	13.3	21.0
1 6	3 39.92	+58 10.3	2.352	3.065	14.5	21.1

117529 2005 CM_{59} 11 30.0 239.°61 0.°6/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.22	+24 15.1	2.008	2.843	12.9	20.9
11 7	4 46.13	+24 4.9	1.922	2.832	9.6	20.7
11 17	4 37.75	+23 48.0	1.860	2.822	5.7	20.5
11 27	4 27.88	+23 24.4	1.826	2.811	1.5	20.2
12 7	4 17.63	+22 55.8	1.822	2.800	3.0	20.2
12 17	4 8.14	+22 25.1	1.847	2.788	7.3	20.5
12 27	4 0.46	+21 56.3	1.899	2.776	11.1	20.7
1 6	3 55.27	+21 33.0	1.974	2.764	14.4	20.9

403919 2011 YH_{68} 11 30.0 222.°48 4.°8/28.6 18

10 28	4 49.81	+ 7 20.8	2.136	2.969	12.4	20.6
11 7	4 44.03	+ 7 2.7	2.063	2.966	9.5	20.5
11 17	4 36.37	+ 6 51.8	2.016	2.963	6.6	20.3
11 27	4 27.55	+ 6 50.8	1.996	2.961	4.9	20.2
12 7	4 18.47	+ 7 1.4	2.005	2.958	5.9	20.2
12 17	4 10.06	+ 7 24.5	2.042	2.955	8.6	20.4
12 27	4 3.17	+ 7 59.7	2.106	2.952	11.6	20.6
1 6	3 58.37	+ 8 45.3	2.193	2.949	14.2	20.8

488443 2016 YT_2 11 30.0 8.°79 7.°2/28.3 18

10 28	4 50.21	+ 2 51.2	1.766	2.600	14.5	20.4
11 7	4 44.58	+ 2 25.3	1.703	2.600	11.5	20.2
11 17	4 36.78	+ 2 11.8	1.664	2.601	8.7	20.1
11 27	4 27.65	+ 2 15.1	1.650	2.602	7.2	20.0
12 7	4 18.27	+ 2 37.2	1.662	2.603	8.1	20.0
12 17	4 9.72	+ 3 18.3	1.702	2.604	10.7	20.2
12 27	4 2.98	+ 4 16.3	1.766	2.606	13.7	20.4
1 6	3 58.67	+ 5 27.6	1.851	2.608	16.4	20.6

409782 2006 EL_{57} 11 30.0 274.°89 0.°4/29.9 17

10 28	4 48.57	+21 51.0	2.245	3.084	11.6	21.7
11 7	4 43.19	+21 30.2	2.161	3.075	8.5	21.5
11 17	4 35.92	+21 4.8	2.103	3.066	5.0	21.3
11 27	4 27.46	+20 35.8	2.072	3.058	1.2	21.0
12 7	4 18.71	+20 5.2	2.072	3.049	2.8	21.1
12 17	4 10.62	+19 35.8	2.101	3.040	6.6	21.3
12 27	4 4.05	+19 10.6	2.157	3.032	10.1	21.5
1 6	3 59.59	+18 52.1	2.237	3.023	13.1	21.7

203235 2001 HV_{53} 11 30.0 236.°51 6.°8/27.7 18

10 28	4 50.56	+ 2 50.2	2.044	2.869	13.1	20.2
11 7	4 44.68	+ 2 11.0	1.969	2.860	10.5	20.0
11 17	4 36.81	+ 1 41.8	1.918	2.850	8.1	19.9
11 27	4 27.67	+ 1 27.0	1.893	2.840	6.8	19.8
12 7	4 18.22	+ 1 29.6	1.897	2.830	7.8	19.8
12 17	4 9.44	+ 1 50.7	1.928	2.820	10.2	19.9
12 27	4 2.22	+ 2 29.5	1.984	2.809	13.0	20.1
1 6	3 57.20	+ 3 23.3	2.061	2.798	15.6	20.3

444621 2006 VU_{100} 11 30.0 78.°83 0.°9/30.2 18

10 28	4 55.40	+22 22.9	1.869	2.704	13.8	20.6
11 7	4 48.37	+23 1.3	1.812	2.722	10.1	20.4
11 17	4 38.98	+23 36.1	1.779	2.740	6.0	20.2
11 27	4 28.17	+24 5.7	1.774	2.758	1.7	20.0
12 7	4 17.15	+24 29.2	1.799	2.776	3.1	20.1
12 17	4 7.14	+24 47.6	1.853	2.794	7.3	20.4
12 27	3 59.16	+25 3.0	1.935	2.812	10.9	20.7
1 6	3 53.85	+25 18.1	2.040	2.829	14.0	20.9

299114 2005 ER_{149} 11 30.0 255.°97 5.°9/ 1.6 18

10 28	4 56.77	+35 55.8	1.941	2.746	14.5	20.6
11 7	4 50.04	+36 53.9	1.856	2.736	11.6	20.4
11 17	4 40.34	+37 39.5	1.794	2.726	8.6	20.2
11 27	4 28.57	+38 7.3	1.758	2.715	6.2	20.1
12 7	4 16.09	+38 14.6	1.750	2.705	6.4	20.1
12 17	4 4.44	+38 2.5	1.770	2.694	8.9	20.2
12 27	3 55.03	+37 36.1	1.816	2.683	12.1	20.4
1 6	3 48.77	+37 2.4	1.885	2.672	15.1	20.5

26947 Angelawang 11 30.0 223.°82 0.°9/30.3 18

10 28	4 55.20	+24 19.8	1.843	2.677	14.0	20.1
11 7	4 48.54	+24 23.4	1.758	2.668	10.4	19.8
11 17	4 39.28	+24 20.5	1.697	2.659	6.2	19.6
11 27	4 28.29	+24 10.3	1.664	2.649	1.8	19.2
12 7	4 16.82	+23 53.8	1.660	2.638	3.3	19.3
12 17	4 6.18	+23 33.4	1.686	2.627	7.8	19.6
12 27	3 57.59	+23 13.2	1.738	2.615	12.0	19.8
1 6	3 51.80	+22 57.3	1.812	2.603	15.5	20.0

375672 2009 FS_{65} 11 30.0 201.°93 1.°8/30.6 17

10 28	4 52.46	+26 39.1	1.888	2.722	13.7	21.6
11 7	4 46.41	+26 48.3	1.813	2.722	10.2	21.4
11 17	4 37.95	+26 49.6	1.762	2.721	6.3	21.2
11 27	4 27.96	+26 42.0	1.739	2.721	2.4	20.9
12 7	4 17.63	+26 26.1	1.744	2.720	3.4	21.0
12 17	4 8.19	+26 4.5	1.777	2.720	7.4	21.3
12 27	4 0.73	+25 41.4	1.838	2.719	11.2	21.5
1 6	3 55.92	+25 20.8	1.921	2.718	14.5	21.7

271923 2004 XK_{75} 11 30.0 342.°83 1.°9/29.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 46.74	+17 16.1	1.509	2.373	14.9	20.0
11 7	4 42.68	+17 14.0	1.431	2.357	11.1	19.7
11 17	4 36.00	+17 12.3	1.375	2.342	6.6	19.4
11 27	4 27.54	+17 12.4	1.344	2.328	2.3	19.1
12 7	4 18.54	+17 16.1	1.339	2.316	4.3	19.2
12 17	4 10.36	+17 25.2	1.361	2.304	9.0	19.5
12 27	4 4.23	+17 41.4	1.406	2.294	13.5	19.7
1 6	4 0.96	+18 5.7	1.473	2.286	17.3	19.9

25741 2000 AF_{222} 11 30.0 303.°16 0.°7/30.3 18

10 28	4 48.95	+24 46.7	2.189	3.024	12.0	18.3
11 7	4 43.55	+24 38.9	2.108	3.019	8.9	18.1
11 17	4 36.17	+24 24.8	2.052	3.013	5.3	17.9
11 27	4 27.53	+24 4.5	2.023	3.008	1.5	17.6
12 7	4 18.62	+23 39.6	2.024	3.002	2.8	17.7
12 17	4 10.40	+23 12.7	2.055	2.997	6.6	17.9
12 27	4 3.79	+22 47.0	2.113	2.992	10.1	18.2
1 6	3 59.38	+22 25.6	2.194	2.987	13.0	18.3

74891 1999 TZ_{116} 11 30.0 66.°04 2.°4/30.8 18

10 28	4 56.50	+27 42.1	1.545	2.383	16.0	19.9
11 7	4 49.43	+27 57.7	1.500	2.410	11.9	19.7
11 17	4 39.63	+28 2.7	1.478	2.436	7.3	19.5
11 27	4 28.32	+27 55.7	1.482	2.463	3.1	19.3
12 7	4 17.01	+27 38.0	1.514	2.490	3.9	19.4
12 17	4 7.12	+27 13.1	1.573	2.516	8.1	19.8
12 27	3 59.76	+26 46.6	1.659	2.543	12.0	20.1
1 6	3 55.51	+26 23.1	1.766	2.569	15.3	20.3

21024 1989 GD_3 11 30.0 154.°93 3.°3/28.4 18

10 28	4 51.13	+14 26.5	2.146	2.984	12.1	18.7
11 7	4 44.88	+13 26.2	2.080	2.991	9.0	18.5
11 17	4 36.81	+12 25.7	2.039	2.997	5.7	18.3
11 27	4 27.67	+11 28.6	2.027	3.003	3.4	18.2
12 7	4 18.41	+10 38.8	2.046	3.008	4.8	18.3
12 17	4 9.96	+ 9 59.8	2.093	3.013	8.0	18.5
12 27	4 3.12	+ 9 33.7	2.168	3.018	11.1	18.7
1 6	3 58.41	+ 9 21.1	2.266	3.022	13.8	18.9

26090 1986 PU_1 11 30.0 53.°93 1.°0/30.3 18

10 28	4 55.34	+24 15.8	1.275	2.130	17.7	18.3
11 7	4 48.96	+24 20.4	1.231	2.151	13.0	18.1
11 17	4 39.51	+24 16.8	1.208	2.172	7.7	17.8
11 27	4 28.31	+24 4.6	1.209	2.194	2.2	17.6
12 7	4 17.06	+23 45.9	1.238	2.216	3.9	17.8
12 17	4 7.38	+23 24.6	1.292	2.239	9.1	18.1
12 27	4 0.52	+23 5.8	1.371	2.261	13.6	18.4
1 6	3 57.06	+22 53.4	1.470	2.284	17.3	18.7

262011 2006 QH_{80} 11 30.0 162.°41 4.°5/ 1.5 18

10 28	4 58.66	+32 55.6	1.639	2.459	16.1	21.3
11 7	4 51.40	+33 17.2	1.568	2.463	12.4	21.1
11 17	4 41.04	+33 24.1	1.520	2.467	8.4	20.9
11 27	4 28.71	+33 12.7	1.499	2.471	5.0	20.7
12 7	4 16.02	+32 43.1	1.505	2.474	5.3	20.7
12 17	4 4.58	+31 59.2	1.539	2.476	8.8	20.9
12 27	3 55.78	+31 8.1	1.598	2.478	12.7	21.1
1 6	3 50.36	+30 17.7	1.680	2.479	16.1	21.4

228539 2001 VS_{100} 11 30.0 295.°35 1.°2/30.3 18

10 28	4 53.12	+24 3.1	1.515	2.363	15.7	20.4
11 7	4 47.59	+24 17.8	1.430	2.347	11.8	20.1
11 17	4 39.01	+24 26.5	1.367	2.330	7.1	19.8
11 27	4 28.29	+24 27.9	1.329	2.314	2.2	19.5
12 7	4 16.85	+24 22.2	1.319	2.298	3.8	19.6
12 17	4 6.27	+24 11.6	1.336	2.282	9.0	19.8
12 27	3 58.04	+24 0.4	1.378	2.266	13.8	20.1
1 6	3 53.08	+23 53.1	1.441	2.250	17.8	20.3

228476 2001 SU_{50} 11 30.0 22.°19 0.°7/29.9 18

10 28	4 51.94	+19 7.4	1.112	1.983	18.5	19.4
11 7	4 46.94	+19 28.2	1.062	1.991	13.6	19.1
11 17	4 38.59	+19 48.2	1.033	2.001	7.9	18.8
11 27	4 28.14	+20 7.0	1.026	2.012	1.9	18.5
12 7	4 17.38	+20 24.8	1.045	2.024	4.4	18.7
12 17	4 8.09	+20 43.1	1.088	2.037	10.1	19.1
12 27	4 1.71	+21 4.2	1.154	2.051	15.1	19.4
1 6	3 58.95	+21 29.8	1.239	2.066	19.1	19.7

229053 2004 FS_{67} 11 30.0 197.°25 4.°9/28.4 18

10 28	4 52.55	+10 43.4	1.722	2.565	14.4	20.3
11 7	4 46.41	+ 9 58.7	1.653	2.564	10.9	20.1
11 17	4 37.92	+ 9 18.0	1.607	2.562	7.3	19.9
11 27	4 27.97	+ 8 45.6	1.588	2.559	5.0	19.8
12 7	4 17.73	+ 8 25.2	1.598	2.557	6.4	19.8
12 17	4 8.38	+ 8 19.2	1.634	2.553	9.9	20.0
12 27	4 0.97	+ 8 28.8	1.696	2.550	13.5	20.3
1 6	3 56.16	+ 8 52.8	1.779	2.546	16.6	20.5

70069 1999 JT_{49} 11 30.0 120.°80 0.°0/29.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.74	+21 5.4	1.540	2.382	15.8	19.2
11 7	4 50.47	+21 18.5	1.480	2.395	11.6	19.0
11 17	4 40.37	+21 28.0	1.444	2.408	6.8	18.7
11 27	4 28.55	+21 33.2	1.434	2.420	1.6	18.4
12 7	4 16.48	+21 34.8	1.453	2.431	3.6	18.6
12 17	4 5.66	+21 34.9	1.501	2.443	8.5	18.9
12 27	3 57.29	+21 36.7	1.574	2.453	12.9	19.2
1 6	3 52.07	+21 42.9	1.669	2.463	16.4	19.5

464411 2016 BU_{21} 11 30.0 313.°30 12.°0/25.3 17

10 28	4 48.00	−15 32.3	2.233	2.985	14.4	20.6
11 7	4 42.70	−16 27.0	2.172	2.974	13.1	20.5
11 17	4 35.61	−16 59.9	2.132	2.963	12.2	20.4
11 27	4 27.42	−17 5.2	2.114	2.952	12.0	20.4
12 7	4 19.00	−16 40.2	2.120	2.941	12.5	20.4
12 17	4 11.23	−15 44.9	2.148	2.931	13.6	20.5
12 27	4 4.91	−14 22.5	2.197	2.921	15.1	20.6
1 6	4 0.58	−12 38.6	2.265	2.911	16.6	20.7

118631 2000 HB_{48} 11 30.0 75.°28 0.°5/30.2 18

10 28	4 55.52	+22 55.3	1.481	2.328	16.1	19.5
11 7	4 48.84	+23 1.2	1.428	2.345	11.8	19.2
11 17	4 39.39	+23 1.1	1.399	2.363	6.9	19.0
11 27	4 28.31	+22 54.9	1.396	2.381	1.7	18.7
12 7	4 17.10	+22 43.8	1.420	2.398	3.6	18.9
12 17	4 7.22	+22 30.9	1.472	2.416	8.5	19.2
12 27	3 59.82	+22 20.1	1.549	2.433	12.7	19.5
1 6	3 55.54	+22 14.7	1.648	2.451	16.2	19.8

4191 Assesse 11 30.0 148.°22 1.°6/29.2 18 R

10 28	4 51.60	+19 33.3	2.112	2.949	12.3	17.4
11 7	4 45.30	+18 43.3	2.043	2.956	9.0	17.2
11 17	4 37.08	+17 49.1	2.000	2.963	5.3	17.0
11 27	4 27.76	+16 53.6	1.987	2.970	1.9	16.8
12 7	4 18.32	+16 0.3	2.003	2.976	3.6	16.9
12 17	4 9.73	+15 13.0	2.049	2.982	7.3	17.2
12 27	4 2.84	+14 35.0	2.123	2.987	10.7	17.4
1 6	3 58.17	+14 8.3	2.220	2.992	13.6	17.6

223958 2004 XV_{76} 11 30.0 299.°28 0.°5/30.2 17

10 28	4 50.12	+22 47.2	2.144	2.981	12.2	20.0
11 7	4 44.48	+22 59.1	2.063	2.975	9.0	19.7
11 17	4 36.77	+23 7.1	2.007	2.969	5.3	19.5
11 27	4 27.72	+23 11.0	1.979	2.964	1.4	19.2
12 7	4 18.32	+23 11.1	1.980	2.958	2.8	19.3
12 17	4 9.59	+23 8.9	2.011	2.953	6.7	19.6
12 27	4 2.49	+23 6.9	2.069	2.947	10.3	19.8
1 6	3 57.66	+23 7.5	2.151	2.942	13.3	20.0

517257 2014 DP_{124} 11 30.0 314.°79 2.°1/29.4 18

10 28	4 50.44	+18 21.7	1.388	2.249	16.1	21.2
11 7	4 45.61	+17 57.1	1.310	2.234	12.0	21.0
11 17	4 37.82	+17 29.6	1.253	2.220	7.1	20.6
11 27	4 28.02	+17 1.5	1.221	2.205	2.5	20.3
12 7	4 17.62	+16 36.4	1.216	2.192	4.8	20.4
12 17	4 8.17	+16 18.0	1.236	2.178	10.0	20.7
12 27	4 1.06	+16 10.1	1.280	2.165	14.8	20.9
1 6	3 57.15	+16 14.4	1.344	2.153	18.9	21.2

286704 2002 GF_{37} 11 30.0 210.°30 2.°5/29.2 18

10 28	4 52.12	+15 26.3	1.944	2.785	13.1	20.7
11 7	4 45.97	+15 6.8	1.867	2.781	9.7	20.5
11 17	4 37.64	+14 47.9	1.815	2.777	5.9	20.3
11 27	4 27.93	+14 31.4	1.791	2.772	2.7	20.1
12 7	4 17.89	+14 19.6	1.795	2.766	4.3	20.2
12 17	4 8.62	+14 14.5	1.829	2.761	8.1	20.4
12 27	4 1.11	+14 18.0	1.889	2.755	11.8	20.6
1 6	3 56.01	+14 30.7	1.972	2.748	14.9	20.8

491013 2011 KZ_{21} 11 30.0 71.°89 0.°0/29.8 18

10 28	4 55.06	+23 21.0	1.571	2.415	15.5	20.5
11 7	4 48.18	+22 55.9	1.526	2.442	11.3	20.4
11 17	4 38.82	+22 23.8	1.504	2.468	6.5	20.1
11 27	4 28.16	+21 46.2	1.510	2.495	1.5	19.9
12 7	4 17.56	+21 6.4	1.543	2.521	3.4	20.1
12 17	4 8.33	+20 28.7	1.605	2.548	8.0	20.4
12 27	4 1.46	+19 57.4	1.693	2.573	12.0	20.7
1 6	3 57.44	+19 35.4	1.803	2.599	15.3	21.0

291208 2006 AW_{82} 11 30.0 169.°95 1.°6/30.7 18

10 28	4 54.01	+28 3.6	1.857	2.688	14.0	20.3
11 7	4 47.49	+27 40.1	1.784	2.690	10.5	20.1
11 17	4 38.55	+27 5.2	1.733	2.692	6.4	19.8
11 27	4 28.13	+26 19.3	1.711	2.694	2.3	19.6
12 7	4 17.50	+25 24.9	1.718	2.695	3.3	19.7
12 17	4 7.90	+24 26.7	1.753	2.696	7.5	19.9
12 27	4 0.39	+23 30.5	1.816	2.696	11.4	20.2
1 6	3 55.60	+22 41.4	1.902	2.697	14.7	20.4

292817 2006 UH_{255} 11 30.0 294.°38 0.°5/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.16	+21 24.2	1.838	2.683	13.5	21.4
11 7	4 44.81	+21 8.9	1.752	2.670	10.0	21.2
11 17	4 37.10	+20 48.8	1.691	2.656	5.9	20.9
11 27	4 27.83	+20 24.9	1.657	2.642	1.4	20.6
12 7	4 18.12	+19 59.3	1.651	2.629	3.4	20.7
12 17	4 9.16	+19 35.0	1.674	2.616	7.8	21.0
12 27	4 2.06	+19 15.6	1.723	2.602	11.9	21.2
1 6	3 57.52	+19 3.8	1.794	2.589	15.4	21.4

67185 2000 CR_6 11 30.0 23.°74 1.°4/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.36	+26 42.8	1.787	2.629	14.0	19.3
11 7	4 44.13	+26 32.0	1.722	2.636	10.4	19.0
11 17	4 36.60	+26 12.1	1.681	2.643	6.3	18.8
11 27	4 27.67	+25 43.3	1.667	2.651	2.2	18.6
12 7	4 18.56	+25 7.8	1.681	2.659	3.2	18.7
12 17	4 10.44	+24 29.3	1.723	2.668	7.3	18.9
12 27	4 4.30	+23 52.5	1.791	2.677	11.2	19.2
1 6	4 0.75	+23 21.2	1.881	2.687	14.4	19.4

418849 2008 WM_{64} 11 30.0 58.°54 69.°7/ 6.0 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	11 52.52	−76 36.2	0.521	0.915	82.6	21.9
11 7	11 0.99	−80 2.6	0.460	0.927	84.0	21.7
11 17	9 11.96	−83 0.9	0.388	0.942	85.3	21.4
11 27	5 27.70	−82 44.7	0.306	0.959	86.2	21.0
12 7	2 52.20	−74 8.6	0.222	0.976	85.8	20.3
12 17	1 49.96	−51 52.6	0.149	0.995	81.7	19.3
12 27	1 21.42	− 7 49.4	0.126	1.013	73.0	18.7
1 6	1 7.74	+28 42.9	0.177	1.031	69.7	19.3

486579 2013 JN_2 11 30.0 265.°44 2.°0/29.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.66	+18 7.4	2.072	2.914	12.3	21.9
11 7	4 44.15	+17 28.1	1.985	2.900	9.1	21.7
11 17	4 36.59	+16 45.5	1.922	2.885	5.4	21.5
11 27	4 27.70	+16 2.2	1.888	2.871	2.2	21.2
12 7	4 18.46	+15 21.2	1.883	2.855	3.9	21.3
12 17	4 9.90	+14 46.1	1.907	2.840	7.7	21.5
12 27	4 2.94	+14 20.0	1.958	2.825	11.3	21.7
1 6	3 58.23	+14 4.7	2.032	2.809	14.5	21.9

270252 2001 US_{34} 11 30.0 79.°79 3.°5/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.31	+13 6.4	1.512	2.360	15.8	19.8
11 7	4 48.45	+12 57.6	1.465	2.381	11.7	19.6
11 17	4 39.06	+12 53.2	1.441	2.402	7.2	19.4
11 27	4 28.25	+12 55.0	1.443	2.422	3.7	19.3
12 7	4 17.38	+13 4.5	1.473	2.443	5.2	19.4
12 17	4 7.75	+13 22.7	1.531	2.463	9.3	19.7
12 27	4 0.44	+13 49.9	1.613	2.483	13.2	20.0
1 6	3 56.01	+14 25.4	1.718	2.503	16.4	20.2

266620 2008 PS_{13} 11 30.0 332.°53 2.°2/30.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.19	+28 45.2	1.930	2.765	13.4	19.9
11 7	4 44.07	+28 40.2	1.849	2.757	10.1	19.7
11 17	4 36.63	+28 24.9	1.791	2.749	6.4	19.4
11 27	4 27.72	+27 58.8	1.760	2.741	2.8	19.2
12 7	4 18.46	+27 23.3	1.758	2.734	3.4	19.2
12 17	4 10.03	+26 41.7	1.783	2.727	7.2	19.5
12 27	4 3.47	+25 59.0	1.836	2.721	11.0	19.7
1 6	3 59.45	+25 19.8	1.911	2.715	14.3	19.9

72858 2001 HO_{46} 11 30.0 195.°59 0.°4/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.20	+23 36.5	2.646	3.474	10.4	20.7
11 7	4 43.43	+23 31.2	2.565	3.472	7.6	20.5
11 17	4 36.00	+23 21.3	2.509	3.470	4.5	20.3
11 27	4 27.55	+23 7.0	2.483	3.468	1.2	20.0
12 7	4 18.88	+22 49.6	2.487	3.465	2.4	20.1
12 17	4 10.80	+22 30.7	2.522	3.462	5.7	20.4
12 27	4 4.05	+22 12.9	2.586	3.459	8.7	20.6
1 6	3 59.16	+21 58.6	2.674	3.455	11.3	20.7

347861 2002 RT_{190} 11 30.0 72.°52 4.°3/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 2.84	+30 58.4	1.380	2.209	18.0	21.0
11 7	4 54.30	+31 33.6	1.344	2.245	13.6	20.8
11 17	4 42.54	+31 53.4	1.329	2.280	8.9	20.6
11 27	4 29.05	+31 54.3	1.340	2.315	4.9	20.5
12 7	4 15.72	+31 37.2	1.378	2.350	5.2	20.6
12 17	4 4.26	+31 6.8	1.444	2.383	9.1	20.9
12 27	3 55.91	+30 30.9	1.535	2.416	13.0	21.2
1 6	3 51.21	+29 56.3	1.647	2.449	16.3	21.5

275635 2000 ET_{152} 11 30.0 260.°47 1.°5/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.42	+18 38.8	1.647	2.494	14.7	20.9
11 7	4 47.46	+18 25.7	1.563	2.480	10.9	20.6
11 17	4 38.78	+18 10.4	1.502	2.466	6.5	20.3
11 27	4 28.27	+17 53.9	1.467	2.451	2.0	20.0
12 7	4 17.19	+17 38.6	1.461	2.437	4.1	20.1
12 17	4 6.94	+17 27.1	1.482	2.421	8.9	20.4
12 27	3 58.78	+17 22.7	1.529	2.406	13.3	20.6
1 6	3 53.53	+17 27.3	1.597	2.390	17.1	20.8

511721 2015 CJ_{63} 11 30.0 344.°86 2.°9/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.14	+15 51.0	1.192	2.058	17.9	21.6
11 7	4 47.82	+15 40.6	1.129	2.055	13.3	21.3
11 17	4 39.19	+15 32.0	1.085	2.052	8.1	21.0
11 27	4 28.37	+15 27.4	1.066	2.049	3.3	20.7
12 7	4 17.04	+15 29.3	1.072	2.047	5.5	20.9
12 17	4 6.95	+15 39.9	1.103	2.045	10.8	21.1
12 27	3 59.59	+16 0.8	1.157	2.044	15.8	21.4
1 6	3 55.81	+16 32.4	1.229	2.043	20.0	21.7

74969 1999 TZ_{215} 11 30.0 331.°69 1.°7/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.93	+18 45.3	1.265	2.129	17.2	19.3
11 7	4 46.87	+18 31.9	1.196	2.122	12.7	19.0
11 17	4 38.61	+18 16.1	1.148	2.115	7.5	18.7
11 27	4 28.24	+17 59.8	1.125	2.109	2.3	18.3
12 7	4 17.33	+17 45.5	1.127	2.104	4.7	18.5
12 17	4 7.56	+17 36.6	1.154	2.099	10.2	18.8
12 27	4 0.40	+17 36.6	1.205	2.094	15.2	19.1
1 6	3 56.69	+17 47.3	1.275	2.091	19.4	19.3

253218 2002 XD_{116} 11 30.0 1.°45 2.°4/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.51	+29 27.0	1.357	2.211	16.8	19.4
11 7	4 44.22	+29 2.0	1.291	2.209	12.7	19.1
11 17	4 36.94	+28 21.4	1.246	2.208	7.9	18.9
11 27	4 27.81	+27 25.5	1.226	2.208	3.2	18.6
12 7	4 18.38	+26 18.4	1.231	2.209	4.1	18.6
12 17	4 10.21	+25 6.7	1.263	2.212	8.9	18.9
12 27	4 4.57	+23 58.4	1.318	2.216	13.5	19.2
1 6	4 2.15	+23 0.0	1.395	2.221	17.4	19.5

313243 2001 UZ_{72} 11 30.0 37.°17 2.°0/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.92	+24 38.0	1.447	2.296	16.3	20.2
11 7	4 47.83	+25 19.3	1.399	2.315	12.0	20.0
11 17	4 38.89	+25 54.2	1.373	2.335	7.3	19.8
11 27	4 28.25	+26 20.0	1.373	2.356	2.7	19.5
12 7	4 17.42	+26 36.3	1.400	2.377	3.9	19.7
12 17	4 7.90	+26 44.6	1.454	2.399	8.4	20.0
12 27	4 0.89	+26 48.8	1.533	2.421	12.6	20.3
1 6	3 57.04	+26 52.8	1.633	2.444	16.0	20.6

521419 2015 MG_{147} 11 30.0 158.°48 5.°3/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.51	+36 9.0	2.140	2.937	13.6	21.8
11 7	4 50.18	+36 58.0	2.066	2.942	10.8	21.6
11 17	4 40.24	+37 34.1	2.016	2.946	7.9	21.4
11 27	4 28.60	+37 53.0	1.993	2.951	5.7	21.3
12 7	4 16.53	+37 53.2	1.999	2.954	5.7	21.3
12 17	4 5.38	+37 36.6	2.034	2.958	8.0	21.5
12 27	3 56.34	+37 7.9	2.097	2.961	10.8	21.6
1 6	3 50.14	+36 33.4	2.182	2.963	13.5	21.8

172773 2004 EQ_{15} 11 30.0 306.°10 1.°3/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.13	+25 50.5	1.760	2.601	14.2	20.0
11 7	4 45.65	+25 45.3	1.680	2.593	10.6	19.8
11 17	4 37.64	+25 31.6	1.623	2.585	6.4	19.5
11 27	4 27.99	+25 9.2	1.593	2.577	2.1	19.2
12 7	4 17.93	+24 39.6	1.591	2.569	3.3	19.3
12 17	4 8.75	+24 6.3	1.617	2.562	7.8	19.5
12 27	4 1.61	+23 33.9	1.670	2.554	11.9	19.8
1 6	3 57.23	+23 6.6	1.744	2.547	15.5	20.0

458037 2009 WK_{212} 11 30.0 65.°26 1.°6/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.19	+28 45.4	2.147	2.975	12.5	20.5
11 7	4 44.38	+28 20.5	2.080	2.985	9.3	20.3
11 17	4 36.61	+27 45.5	2.038	2.995	5.7	20.1
11 27	4 27.71	+27 1.0	2.024	3.006	2.3	19.9
12 7	4 18.72	+26 9.3	2.039	3.016	2.9	19.9
12 17	4 10.63	+25 14.6	2.084	3.027	6.5	20.2
12 27	4 4.28	+24 21.3	2.157	3.037	9.8	20.4
1 6	4 0.21	+23 33.6	2.254	3.048	12.7	20.6

94036 2000 XG_{48} 11 30.1 15.°17 4.°9/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.92	+33 57.6	1.969	2.783	14.0	19.0
11 7	4 47.70	+34 46.5	1.895	2.784	11.0	18.8
11 17	4 38.87	+35 23.8	1.845	2.785	7.8	18.6
11 27	4 28.31	+35 45.5	1.822	2.786	5.3	18.5
12 7	4 17.29	+35 50.1	1.826	2.788	5.4	18.5
12 17	4 7.16	+35 39.2	1.859	2.790	8.1	18.6
12 27	3 59.13	+35 17.4	1.918	2.792	11.2	18.8
1 6	3 53.94	+34 50.6	2.000	2.794	14.1	19.0

412461 2014 HG_1 11 30.1 144.°78 2.°1/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.37	+16 17.4	1.853	2.696	13.5	21.3
11 7	4 46.20	+16 5.5	1.785	2.700	10.0	21.1
11 17	4 37.80	+15 53.9	1.741	2.704	6.0	20.8
11 27	4 28.02	+15 44.2	1.725	2.707	2.4	20.6
12 7	4 17.99	+15 38.2	1.737	2.711	4.0	20.7
12 17	4 8.84	+15 37.7	1.779	2.714	8.0	21.0
12 27	4 1.55	+15 44.5	1.847	2.717	11.7	21.2
1 6	3 56.75	+15 59.3	1.937	2.720	14.9	21.4

258163 2001 SB_{91} 11 30.1 215.°45 4.°9/ 2.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.45	+35 59.4	2.121	2.924	13.5	20.9
11 7	4 47.93	+36 22.8	2.040	2.921	10.7	20.7
11 17	4 38.93	+36 32.3	1.982	2.917	7.7	20.6
11 27	4 28.32	+36 25.1	1.951	2.913	5.3	20.4
12 7	4 17.32	+36 0.6	1.948	2.909	5.3	20.4
12 17	4 7.21	+35 21.4	1.974	2.904	7.7	20.5
12 27	3 59.12	+34 33.0	2.027	2.900	10.7	20.7
1 6	3 53.76	+33 41.8	2.104	2.895	13.6	20.9

212632 2006 TY_{94} 11 30.1 171.°20 1.°7/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.72	+18 35.8	2.381	3.214	11.2	20.7
11 7	4 44.54	+17 49.1	2.307	3.218	8.2	20.5
11 17	4 36.65	+16 59.4	2.259	3.221	4.9	20.3
11 27	4 27.74	+16 9.0	2.241	3.223	1.9	20.1
12 7	4 18.70	+15 21.0	2.253	3.225	3.4	20.2
12 17	4 10.37	+14 38.5	2.296	3.226	6.8	20.5
12 27	4 3.52	+14 4.5	2.367	3.227	9.9	20.7
1 6	3 58.66	+13 40.6	2.462	3.227	12.6	20.8

414019 2007 HT_{72} 11 30.1 214.°80 2.°9/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.97	+14 30.5	2.430	3.268	10.9	22.2
11 7	4 42.56	+13 43.5	2.352	3.264	8.1	22.0
11 17	4 35.52	+12 56.4	2.301	3.260	5.1	21.8
11 27	4 27.49	+12 11.9	2.278	3.255	2.9	21.7
12 7	4 19.26	+11 33.2	2.286	3.251	4.2	21.7
12 17	4 11.64	+11 2.9	2.323	3.246	7.1	21.9
12 27	4 5.36	+10 42.9	2.388	3.241	10.1	22.1
1 6	4 0.94	+10 34.0	2.476	3.236	12.7	22.3

226579 2003 YL_{68} 11 30.1 261.°58 1.°7/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.38	+27 55.7	1.511	2.353	16.1	20.2
11 7	4 48.41	+27 32.7	1.432	2.345	12.1	20.0
11 17	4 39.42	+26 56.4	1.375	2.336	7.5	19.7
11 27	4 28.46	+26 6.4	1.345	2.328	2.7	19.4
12 7	4 17.06	+25 5.8	1.341	2.319	3.8	19.4
12 17	4 6.78	+24 0.3	1.365	2.311	8.8	19.7
12 27	3 59.00	+22 57.7	1.415	2.302	13.5	19.9
1 6	3 54.49	+22 4.1	1.485	2.293	17.5	20.2

151728 2003 BQ_{81} 11 30.1 21.°76 4.°5/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.04	+30 36.9	0.983	1.851	20.6	18.3
11 7	4 46.81	+30 56.9	0.939	1.862	15.7	18.1
11 17	4 38.71	+30 58.9	0.914	1.875	10.2	17.8
11 27	4 28.27	+30 40.2	0.911	1.890	5.3	17.6
12 7	4 17.64	+30 3.0	0.930	1.906	5.8	17.7
12 17	4 8.87	+29 14.1	0.973	1.924	10.6	18.0
12 27	4 3.48	+28 22.9	1.037	1.943	15.5	18.4
1 6	4 2.10	+27 37.3	1.120	1.964	19.6	18.7

44000 1997 RB 11 30.1 202.°13 5.°6/ 2.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.46	+39 50.4	2.455	3.237	12.5	19.1
11 7	4 47.03	+40 22.1	2.375	3.236	10.1	19.0
11 17	4 38.33	+40 39.6	2.318	3.235	7.8	18.8
11 27	4 28.18	+40 39.7	2.288	3.233	5.9	18.7
12 7	4 17.69	+40 21.6	2.286	3.232	5.8	18.7
12 17	4 8.00	+39 47.4	2.313	3.230	7.5	18.8
12 27	4 0.15	+39 1.6	2.367	3.228	9.8	19.0
1 6	3 54.79	+38 10.3	2.445	3.226	12.2	19.1

191490 2003 TQ_{20} 11 30.1 14.°56 6.°6/ 2.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.48	+39 30.2	1.873	2.675	15.1	19.1
11 7	4 46.82	+40 5.4	1.805	2.678	12.2	19.0
11 17	4 38.38	+40 23.1	1.758	2.682	9.3	18.8
11 27	4 28.20	+40 19.4	1.737	2.687	7.0	18.7
12 7	4 17.69	+39 53.6	1.742	2.692	6.9	18.7
12 17	4 8.26	+39 9.0	1.773	2.698	8.8	18.8
12 27	4 1.17	+38 11.9	1.831	2.704	11.6	19.0
1 6	3 57.09	+37 10.2	1.910	2.711	14.4	19.2

469767 2005 QM_{47} 11 30.1 21.°16 6.°2/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.77	+31 15.7	0.978	1.844	20.9	19.8
11 7	4 48.30	+32 20.5	0.936	1.855	16.2	19.6
11 17	4 39.72	+33 8.6	0.911	1.868	11.0	19.3
11 27	4 28.56	+33 33.6	0.908	1.882	6.8	19.2
12 7	4 17.03	+33 33.8	0.927	1.898	7.1	19.3
12 17	4 7.37	+33 13.7	0.969	1.916	11.3	19.5
12 27	4 1.30	+32 42.2	1.033	1.935	15.9	19.9
1 6	3 59.52	+32 8.7	1.115	1.956	19.9	20.2

202199 2004 XW_{77} 11 30.1 62.°23 2.°0/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.94	+14 34.6	1.452	2.298	16.4	19.2
11 7	4 50.51	+15 10.1	1.407	2.323	12.0	19.0
11 17	4 40.36	+15 49.5	1.386	2.349	7.1	18.8
11 27	4 28.65	+16 32.0	1.391	2.375	2.5	18.6
12 7	4 16.86	+17 16.3	1.425	2.401	4.3	18.8
12 17	4 6.43	+18 1.9	1.487	2.426	8.9	19.1
12 27	3 58.50	+18 48.8	1.575	2.452	13.0	19.4
1 6	3 53.67	+19 37.3	1.684	2.478	16.3	19.7

101031 1998 QU_{76} 11 30.1 40.°84 2.°2/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.72	+28 22.4	1.260	2.113	18.0	18.9
11 7	4 48.07	+28 4.3	1.205	2.123	13.4	18.6
11 17	4 39.19	+27 31.7	1.171	2.133	8.3	18.4
11 27	4 28.40	+26 44.8	1.161	2.144	3.1	18.1
12 7	4 17.44	+25 47.4	1.177	2.155	4.2	18.2
12 17	4 8.01	+24 46.2	1.219	2.167	9.3	18.5
12 27	4 1.45	+23 48.9	1.285	2.180	14.0	18.8
1 6	3 58.37	+23 1.7	1.372	2.193	18.0	19.1

323514 2004 RF_{64} 11 30.1 45.°71 4.°3/ 1.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.66	+33 35.0	1.954	2.772	13.9	20.5
11 7	4 46.64	+34 0.1	1.886	2.778	10.8	20.3
11 17	4 38.16	+34 12.4	1.842	2.785	7.5	20.1
11 27	4 28.16	+34 9.5	1.824	2.793	4.7	19.9
12 7	4 17.88	+33 51.3	1.834	2.800	4.9	20.0
12 17	4 8.58	+33 20.5	1.872	2.808	7.6	20.1
12 27	4 1.35	+32 42.5	1.937	2.816	10.8	20.4
1 6	3 56.84	+32 2.8	2.024	2.824	13.8	20.6

119199 2001 QP_{121} 11 30.1 152.°60 1.°1/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.04	+19 12.1	1.820	2.658	13.9	20.6
11 7	4 48.21	+19 5.5	1.752	2.666	10.2	20.4
11 17	4 39.01	+18 56.6	1.709	2.672	6.0	20.2
11 27	4 28.36	+18 46.2	1.694	2.678	1.7	19.9
12 7	4 17.46	+18 36.0	1.708	2.684	3.5	20.0
12 17	4 7.52	+18 28.1	1.751	2.689	7.9	20.3
12 27	3 59.59	+18 25.1	1.821	2.693	11.7	20.6
1 6	3 54.32	+18 28.9	1.913	2.697	15.0	20.8

516630 2008 DY_{9} 11 30.1 53.°14 2.°6/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.30	+29 41.2	1.848	2.678	14.1	21.2
11 7	4 46.38	+29 41.6	1.777	2.681	10.7	21.0
11 17	4 38.01	+29 30.8	1.729	2.684	6.8	20.7
11 27	4 28.13	+29 7.7	1.708	2.688	3.2	20.5
12 7	4 17.99	+28 33.8	1.716	2.691	3.7	20.6
12 17	4 8.84	+27 52.5	1.752	2.694	7.5	20.8
12 27	4 1.75	+27 9.3	1.814	2.698	11.2	21.0
1 6	3 57.39	+26 29.1	1.900	2.702	14.4	21.3

58950 1998 QE_{69} 11 30.1 70.°49 4.°8/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.38	+13 32.2	1.354	2.208	16.9	19.2
11 7	4 48.50	+12 24.1	1.318	2.236	12.5	19.0
11 17	4 39.06	+11 19.3	1.305	2.265	7.9	18.8
11 27	4 28.32	+10 23.4	1.318	2.294	4.9	18.7
12 7	4 17.74	+ 9 41.7	1.358	2.322	6.6	18.9
12 17	4 8.66	+ 9 17.2	1.425	2.350	10.5	19.2
12 27	4 2.08	+ 9 11.0	1.515	2.378	14.3	19.5
1 6	3 58.46	+ 9 21.6	1.626	2.405	17.4	19.8

73444 2002 NR_{12} 11 30.1 23.°92 9.°2/27.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.12	− 6 12.2	2.106	2.903	13.8	18.6
11 7	4 43.51	− 6 43.5	2.049	2.906	11.7	18.5
11 17	4 36.12	− 6 57.4	2.015	2.910	10.0	18.4
11 27	4 27.67	− 6 49.6	2.006	2.913	9.2	18.3
12 7	4 19.06	− 6 18.1	2.023	2.917	9.8	18.4
12 17	4 11.18	− 5 23.6	2.066	2.921	11.4	18.5
12 27	4 4.83	− 4 9.1	2.133	2.925	13.4	18.7
1 6	4 0.52	− 2 39.3	2.221	2.930	15.4	18.8

42329 2001 XL_{169} 11 30.1 238.°98 2.°2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.83	+17 51.1	1.491	2.342	15.8	19.7
11 7	4 48.67	+17 25.4	1.414	2.333	11.7	19.4
11 17	4 39.58	+16 57.3	1.359	2.324	7.0	19.1
11 27	4 28.56	+16 29.0	1.330	2.314	2.6	18.8
12 7	4 17.01	+16 3.7	1.329	2.304	4.7	18.9
12 17	4 6.46	+15 44.9	1.355	2.293	9.7	19.2
12 27	3 58.23	+15 36.3	1.406	2.282	14.3	19.4
1 6	3 53.14	+15 39.5	1.477	2.271	18.2	19.7

162753 2000 WO_{55} 11 30.1 292.°33 4.°2/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.52	+10 31.0	1.669	2.514	14.7	18.5
11 7	4 46.73	+10 29.8	1.588	2.501	11.1	18.3
11 17	4 38.37	+10 35.6	1.530	2.487	7.3	18.0
11 27	4 28.27	+10 50.6	1.498	2.474	4.4	17.8
12 7	4 17.63	+11 16.4	1.494	2.461	5.7	17.9
12 17	4 7.73	+11 53.3	1.518	2.448	9.6	18.1
12 27	3 59.77	+12 40.8	1.567	2.435	13.6	18.3
1 6	3 54.56	+13 37.6	1.638	2.422	17.1	18.5

97498 2000 CX_{89} 11 30.1 271.°21 3.°3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.70	+11 30.4	2.302	3.139	11.4	19.4
11 7	4 43.27	+11 15.9	2.220	3.129	8.6	19.2
11 17	4 36.05	+11 4.9	2.163	3.119	5.6	19.0
11 27	4 27.69	+10 59.6	2.134	3.109	3.4	18.8
12 7	4 19.01	+11 1.7	2.134	3.098	4.5	18.9
12 17	4 10.90	+11 12.3	2.164	3.088	7.5	19.1
12 27	4 4.18	+11 32.1	2.221	3.077	10.6	19.2
1 6	3 59.41	+12 0.7	2.301	3.067	13.3	19.4

277352 2005 TD_{102} 11 30.1 126.°42 0.°4/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.91	+24 2.7	1.829	2.662	14.1	21.6
11 7	4 48.77	+23 47.5	1.767	2.678	10.3	21.4
11 17	4 39.28	+23 25.2	1.731	2.692	6.1	21.2
11 27	4 28.43	+22 56.3	1.722	2.707	1.5	20.9
12 7	4 17.47	+22 23.1	1.742	2.720	3.1	21.1
12 17	4 7.61	+21 49.2	1.792	2.733	7.5	21.4
12 27	3 59.86	+21 18.8	1.869	2.745	11.3	21.7
1 6	3 54.81	+20 55.2	1.969	2.757	14.5	21.9

115252 2003 SK_{157} 11 30.1 345.°77 4.°1/ 1.3 17

10 28	4 51.88	+32 6.5	1.993	2.815	13.6	19.2
11 7	4 46.18	+32 46.9	1.916	2.811	10.5	19.0
11 17	4 38.00	+33 17.1	1.861	2.807	7.2	18.8
11 27	4 28.18	+33 33.9	1.834	2.804	4.5	18.7
12 7	4 17.90	+33 36.3	1.834	2.801	4.8	18.7
12 17	4 8.43	+33 25.8	1.863	2.799	7.7	18.8
12 27	4 0.90	+33 6.6	1.919	2.797	11.0	19.0
1 6	3 56.06	+32 43.7	1.997	2.795	14.0	19.2

454802 2015 RA_{34} 11 30.1 285.°48 4.°3/29.3 18

10 28	4 52.68	+ 8 34.3	1.912	2.746	13.5	20.6
11 7	4 46.52	+ 8 43.0	1.831	2.737	10.3	20.4
11 17	4 38.12	+ 9 0.1	1.774	2.727	6.9	20.1
11 27	4 28.22	+ 9 27.5	1.745	2.717	4.4	20.0
12 7	4 17.87	+10 5.7	1.744	2.707	5.5	20.0
12 17	4 8.19	+10 54.4	1.773	2.697	8.9	20.2
12 27	4 0.24	+11 52.4	1.828	2.688	12.4	20.4
1 6	3 54.70	+12 58.1	1.906	2.678	15.5	20.6

267324 2001 UL_{38} 11 30.1 99.°01 1.°0/30.4 18

10 28	4 56.84	+24 33.1	1.671	2.507	15.1	20.9
11 7	4 49.61	+24 37.0	1.617	2.528	11.1	20.7
11 17	4 39.83	+24 33.6	1.586	2.548	6.6	20.5
11 27	4 28.57	+24 22.5	1.583	2.567	1.9	20.3
12 7	4 17.22	+24 5.1	1.609	2.587	3.3	20.4
12 17	4 7.12	+23 44.5	1.663	2.605	7.8	20.7
12 27	3 59.33	+23 24.9	1.744	2.624	11.8	21.0
1 6	3 54.46	+23 10.0	1.847	2.641	15.1	21.3

511796 2015 FM_{36} 11 30.1 241.°96 3.°1/29.3 18

10 28	4 54.37	+14 27.5	1.583	2.430	15.2	21.2
11 7	4 48.18	+14 13.7	1.505	2.422	11.4	20.9
11 17	4 39.25	+14 2.1	1.451	2.412	7.0	20.6
11 27	4 28.50	+13 54.9	1.422	2.403	3.4	20.4
12 7	4 17.23	+13 54.3	1.422	2.393	5.1	20.5
12 17	4 6.85	+14 2.1	1.449	2.383	9.6	20.7
12 27	3 58.62	+14 20.0	1.502	2.373	13.9	21.0
1 6	3 53.34	+14 48.1	1.575	2.362	17.6	21.2

43292 2000 FP_{49} 11 30.1 125.°66 0.°5/30.3 18

10 28	4 52.08	+25 6.0	2.123	2.954	12.5	18.5
11 7	4 45.77	+24 40.9	2.055	2.964	9.2	18.3
11 17	4 37.47	+24 8.2	2.013	2.974	5.4	18.1
11 27	4 28.01	+23 29.1	1.999	2.984	1.5	17.9
12 7	4 18.44	+22 45.8	2.015	2.993	2.8	18.0
12 17	4 9.76	+22 1.9	2.061	3.002	6.6	18.3
12 27	4 2.83	+21 21.5	2.135	3.011	10.1	18.5
1 6	3 58.21	+20 47.8	2.233	3.019	13.0	18.7

424734 2008 SO_{246} 11 30.1 69.°29 3.°0/28.6 18

10 28	4 47.65	+14 18.5	2.242	3.084	11.5	21.0
11 7	4 42.39	+13 33.5	2.178	3.091	8.5	20.8
11 17	4 35.46	+12 49.2	2.139	3.099	5.3	20.6
11 27	4 27.54	+12 8.6	2.129	3.106	3.1	20.5
12 7	4 19.50	+11 34.6	2.148	3.114	4.4	20.6
12 17	4 12.17	+11 9.8	2.196	3.121	7.4	20.8
12 27	4 6.30	+10 55.9	2.271	3.129	10.4	21.0
1 6	4 2.36	+10 53.1	2.369	3.136	13.0	21.2

488909 2005 TV_{102} 11 30.1 8.°44 0.°9/29.8 18

10 28	4 50.57	+21 37.1	1.216	2.083	17.5	21.1
11 7	4 45.87	+21 9.4	1.156	2.084	12.9	20.9
11 17	4 38.03	+20 34.8	1.117	2.085	7.6	20.6
11 27	4 28.21	+19 55.6	1.102	2.087	1.9	20.2
12 7	4 18.05	+19 16.0	1.112	2.091	4.3	20.4
12 17	4 9.21	+18 41.2	1.148	2.095	9.9	20.7
12 27	4 3.03	+18 16.1	1.206	2.100	14.8	21.0
1 6	4 0.25	+18 3.6	1.284	2.105	18.9	21.3

360153 2013 CM_{65} 11 30.1 215.°62 6.°9/ 3.2 18

10 28	4 56.82	+41 58.3	2.061	2.840	14.6	21.1
11 7	4 49.95	+42 26.0	1.980	2.837	12.1	20.9
11 17	4 40.25	+42 35.2	1.922	2.833	9.4	20.7
11 27	4 28.74	+42 21.4	1.889	2.830	7.4	20.6
12 7	4 16.83	+41 43.8	1.883	2.826	7.1	20.6
12 17	4 6.01	+40 45.6	1.905	2.822	8.8	20.7
12 27	3 57.54	+39 33.6	1.954	2.818	11.5	20.8
1 6	3 52.15	+38 16.2	2.025	2.813	14.2	21.0

254989 2005 SB_{267} 11 30.1 36.°94 8.°3/26.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.97	+ 2 49.0	1.698	2.538	14.7	20.5
11 7	4 42.96	+ 1 24.8	1.650	2.547	11.8	20.3
11 17	4 35.90	+ 0 12.3	1.626	2.557	9.3	20.2
11 27	4 27.66	− 0 41.9	1.626	2.567	8.3	20.2
12 7	4 19.31	− 1 13.1	1.653	2.578	9.4	20.3
12 17	4 11.88	− 1 19.4	1.705	2.589	11.8	20.4
12 27	4 6.26	− 1 2.0	1.780	2.601	14.5	20.6
1 6	4 2.97	− 0 24.5	1.874	2.613	16.9	20.8

509003 2005 GW_{148} 11 30.1 226.°23 1.°2/30.3 18

10 28	4 57.06	+23 27.6	1.617	2.456	15.3	22.0
11 7	4 50.33	+23 53.9	1.538	2.450	11.5	21.8
11 17	4 40.62	+24 15.5	1.481	2.443	6.9	21.5
11 27	4 28.87	+24 30.7	1.451	2.435	2.1	21.2
12 7	4 16.50	+24 38.6	1.449	2.427	3.7	21.3
12 17	4 5.06	+24 40.9	1.476	2.419	8.6	21.6
12 27	3 55.94	+24 41.0	1.529	2.410	13.1	21.8
1 6	3 50.01	+24 43.0	1.604	2.401	16.9	22.0

353963 1999 VG_{95} 11 30.1 4.°25 3.°2/30.6 18

10 28	4 48.15	+25 27.4	1.022	1.899	19.3	19.2
11 7	4 44.80	+26 22.7	0.968	1.898	14.5	18.9
11 17	4 37.75	+27 10.8	0.932	1.898	9.1	18.6
11 27	4 28.21	+27 47.6	0.919	1.901	4.0	18.4
12 7	4 18.07	+28 10.8	0.928	1.906	5.2	18.5
12 17	4 9.36	+28 22.0	0.961	1.913	10.5	18.8
12 27	4 3.76	+28 26.0	1.015	1.922	15.6	19.1
1 6	4 2.15	+28 28.3	1.088	1.934	19.9	19.4

91929 1999 VO_{48} 11 30.1 1.°58 4.°9/ 1.5 17

10 28	4 53.18	+33 23.8	1.879	2.699	14.3	18.7
11 7	4 47.31	+34 13.2	1.806	2.698	11.2	18.5
11 17	4 38.75	+34 51.1	1.756	2.698	7.9	18.3
11 27	4 28.41	+35 13.6	1.731	2.698	5.3	18.2
12 7	4 17.59	+35 19.0	1.735	2.698	5.5	18.2
12 17	4 7.67	+35 9.0	1.766	2.699	8.2	18.4
12 27	3 59.89	+34 48.2	1.824	2.701	11.5	18.6
1 6	3 55.01	+34 22.6	1.903	2.702	14.5	18.8

100415 1996 BO_{14} 11 30.1 291.°81 1.°3/30.5 18

10 28	4 52.53	+24 50.9	1.750	2.591	14.3	20.1
11 7	4 46.81	+25 4.5	1.668	2.581	10.7	19.8
11 17	4 38.46	+25 11.8	1.610	2.571	6.5	19.6
11 27	4 28.35	+25 11.8	1.578	2.562	2.1	19.3
12 7	4 17.73	+25 4.6	1.574	2.552	3.4	19.4
12 17	4 7.93	+24 52.6	1.599	2.543	7.9	19.6
12 27	4 0.19	+24 39.4	1.649	2.533	12.1	19.8
1 6	3 55.29	+24 29.0	1.722	2.524	15.7	20.0

457998 2009 WK_{63} 11 30.1 15.°58 1.°7/29.6 18

10 28	4 49.75	+16 11.7	2.020	2.863	12.5	20.9
11 7	4 44.23	+16 16.4	1.950	2.865	9.2	20.7
11 17	4 36.69	+16 22.3	1.904	2.867	5.5	20.4
11 27	4 27.89	+16 30.1	1.886	2.869	2.0	20.2
12 7	4 18.81	+16 40.9	1.897	2.872	3.5	20.3
12 17	4 10.47	+16 55.5	1.938	2.875	7.3	20.6
12 27	4 3.77	+17 14.9	2.005	2.878	10.8	20.8
1 6	3 59.32	+17 39.8	2.095	2.881	13.8	21.0

429071 2009 HM_{85} 11 30.1 159.°42 0.°5/29.9 16

10 28	4 57.19	+20 20.4	1.557	2.400	15.6	21.8
11 7	4 50.23	+20 26.7	1.489	2.405	11.5	21.6
11 17	4 40.42	+20 30.0	1.445	2.409	6.8	21.3
11 27	4 28.80	+20 30.1	1.427	2.413	1.6	21.0
12 7	4 16.81	+20 28.1	1.438	2.416	3.7	21.2
12 17	4 5.93	+20 26.1	1.477	2.419	8.7	21.5
12 27	3 57.44	+20 27.2	1.542	2.421	13.1	21.7
1 6	3 52.06	+20 34.0	1.628	2.423	16.8	22.0

204011 2003 UX_{29} 11 30.1 64.°33 1.°9/29.6 18

10 28	4 54.09	+17 3.7	1.553	2.403	15.3	19.7
11 7	4 47.63	+17 0.8	1.506	2.424	11.2	19.5
11 17	4 38.69	+16 58.2	1.481	2.445	6.6	19.3
11 27	4 28.35	+16 56.8	1.483	2.467	2.3	19.1
12 7	4 17.93	+16 58.4	1.513	2.488	4.1	19.2
12 17	4 8.72	+17 4.4	1.570	2.509	8.5	19.6
12 27	4 1.75	+17 16.5	1.653	2.531	12.4	19.8
1 6	3 57.61	+17 35.5	1.758	2.552	15.7	20.1

97203 1999 XC_{15} 11 30.1 286.°34 16.°6/ 1.4 18

10 28	5 4.84	−14 19.0	1.124	1.910	23.9	18.7
11 7	4 56.74	−14 23.0	1.059	1.901	21.2	18.5
11 17	4 44.67	−13 44.3	1.010	1.893	18.6	18.3
11 27	4 29.89	−12 11.6	0.982	1.884	16.8	18.1
12 7	4 14.37	− 9 42.4	0.976	1.876	17.0	18.1
12 17	4 0.24	− 6 24.6	0.993	1.868	19.1	18.2
12 27	3 49.32	− 2 34.6	1.034	1.860	22.2	18.4
1 6	3 42.59	+ 1 29.4	1.094	1.852	25.4	18.6

278189 2007 DO_{114} 11 30.1 136.°81 1.°6/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.08	+18 8.4	1.925	2.763	13.3	21.5
11 7	4 47.35	+17 49.2	1.861	2.774	9.7	21.3
11 17	4 38.46	+17 28.2	1.823	2.785	5.7	21.1
11 27	4 28.31	+17 7.2	1.812	2.796	2.0	20.9
12 7	4 17.99	+16 48.1	1.831	2.806	3.7	21.0
12 17	4 8.62	+16 33.5	1.880	2.815	7.6	21.3
12 27	4 1.12	+16 25.8	1.955	2.824	11.3	21.5
1 6	3 56.08	+16 26.2	2.054	2.832	14.3	21.7

79144 Cervantes 11 30.1 183.°08 9.°9/25.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.14	−14 36.7	2.779	3.516	12.2	19.8
11 7	4 44.66	−15 31.5	2.724	3.517	11.0	19.7
11 17	4 36.70	−16 8.7	2.691	3.517	10.1	19.6
11 27	4 27.88	−16 23.8	2.684	3.516	9.9	19.6
12 7	4 18.92	−16 14.5	2.701	3.515	10.3	19.6
12 17	4 10.55	−15 40.9	2.744	3.513	11.4	19.7
12 27	4 3.44	−14 45.2	2.809	3.510	12.6	19.8
1 6	3 58.05	−13 31.5	2.894	3.506	13.9	19.9

5282 Yamatotakeru 11 30.1 80.°76 2.°4/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.00	+18 15.1	1.834	2.679	13.5	17.2
11 7	4 45.10	+17 12.8	1.775	2.692	9.9	17.0
11 17	4 37.12	+16 7.3	1.741	2.705	5.9	16.8
11 27	4 27.98	+15 2.5	1.736	2.717	2.6	16.6
12 7	4 18.77	+14 3.0	1.759	2.730	4.3	16.8
12 17	4 10.55	+13 13.1	1.811	2.743	8.2	17.1
12 27	4 4.20	+12 36.1	1.889	2.755	11.7	17.3
1 6	4 0.25	+12 13.2	1.990	2.768	14.7	17.5

295195 2008 FN_{107} 11 30.1 337.°92 4.°6/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.67	+14 22.1	1.076	1.954	18.5	20.3
11 7	4 44.90	+13 43.2	1.009	1.941	13.9	20.0
11 17	4 37.72	+13 5.9	0.962	1.929	8.8	19.6
11 27	4 28.23	+12 35.4	0.938	1.918	4.8	19.4
12 7	4 18.08	+12 17.0	0.937	1.908	7.0	19.5
12 17	4 9.10	+12 14.8	0.958	1.900	12.2	19.7
12 27	4 2.87	+12 30.7	1.001	1.893	17.4	20.0
1 6	4 0.31	+13 3.8	1.062	1.887	21.8	20.3

308829 2006 RG_{16} 11 30.1 83.°49 1.°7/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.15	+28 26.3	1.883	2.712	13.9	20.6
11 7	4 47.42	+28 6.0	1.829	2.734	10.4	20.5
11 17	4 38.46	+27 34.9	1.798	2.755	6.3	20.3
11 27	4 28.29	+26 53.6	1.795	2.777	2.4	20.1
12 7	4 18.11	+26 4.7	1.821	2.798	3.2	20.2
12 17	4 9.09	+25 12.5	1.876	2.819	7.0	20.4
12 27	4 2.15	+24 22.4	1.959	2.839	10.7	20.7
1 6	3 57.80	+23 38.6	2.065	2.860	13.7	20.9

273804 2007 FB_{26} 11 30.1 115.°00 4.°1/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.80	+12 14.1	1.847	2.686	13.7	21.6
11 7	4 47.05	+11 30.9	1.794	2.704	10.2	21.4
11 17	4 38.22	+10 50.8	1.766	2.722	6.6	21.2
11 27	4 28.24	+10 17.4	1.766	2.740	4.1	21.1
12 7	4 18.20	+ 9 53.8	1.794	2.756	5.5	21.2
12 17	4 9.18	+ 9 42.2	1.852	2.773	8.8	21.4
12 27	4 2.06	+ 9 43.6	1.935	2.788	12.1	21.7
1 6	3 57.35	+ 9 57.5	2.040	2.803	14.9	21.9

512831 2016 UY_{111} 11 30.1 112.°49 0.°9/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.97	+24 51.9	1.827	2.658	14.2	21.7
11 7	4 49.55	+24 49.6	1.771	2.679	10.5	21.5
11 17	4 39.75	+24 40.0	1.739	2.700	6.2	21.3
11 27	4 28.61	+24 22.7	1.735	2.719	1.8	21.1
12 7	4 17.39	+23 59.5	1.760	2.738	3.1	21.2
12 17	4 7.33	+23 33.5	1.815	2.757	7.4	21.5
12 27	3 59.43	+23 8.8	1.897	2.774	11.1	21.8
1 6	3 54.27	+22 49.2	2.003	2.791	14.3	22.0

437872 2001 OK_{48} 11 30.1 66.°14 2.°3/29.2 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.93	+17 43.2	1.767	2.608	14.2	21.5
11 7	4 47.69	+16 56.8	1.734	2.648	10.2	21.4
11 17	4 38.45	+16 9.3	1.726	2.688	6.0	21.2
11 27	4 28.26	+15 24.0	1.745	2.727	2.5	21.1
12 7	4 18.27	+14 44.3	1.794	2.766	4.2	21.3
12 17	4 9.55	+14 13.3	1.872	2.804	7.9	21.6
12 27	4 2.89	+13 53.2	1.977	2.842	11.3	21.8
1 6	3 58.71	+13 44.7	2.104	2.879	14.1	22.1

8145 Valujki 11 30.1 39.°94 1.°4/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.17	+27 58.7	1.436	2.284	16.4	16.2
11 7	4 46.46	+27 20.2	1.389	2.304	12.1	16.0
11 17	4 38.06	+26 28.9	1.363	2.325	7.3	15.7
11 27	4 28.20	+25 26.4	1.363	2.347	2.4	15.5
12 7	4 18.39	+24 17.6	1.390	2.369	3.6	15.6
12 17	4 10.00	+23 9.0	1.445	2.392	8.3	16.0
12 27	4 4.08	+22 7.3	1.525	2.415	12.5	16.3
1 6	4 1.16	+21 17.1	1.626	2.439	16.0	16.6

15794 1993 TG_{31} 11 30.1 188.°50 0.°0/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.48	+21 50.3	1.938	2.773	13.3	18.9
11 7	4 47.85	+21 49.2	1.861	2.772	9.8	18.7
11 17	4 38.89	+21 43.9	1.809	2.771	5.8	18.5
11 27	4 28.45	+21 34.3	1.785	2.770	1.4	18.2
12 7	4 17.67	+21 21.8	1.790	2.768	3.1	18.3
12 17	4 7.73	+21 8.6	1.825	2.765	7.4	18.6
12 27	3 59.68	+20 57.7	1.887	2.762	11.3	18.8
1 6	3 54.21	+20 52.0	1.972	2.759	14.5	19.0

455164 1998 TN 11 30.1 40.°15 6.°4/ 1.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 1.85	+33 45.0	1.573	2.389	16.8	19.9
11 7	4 53.81	+35 28.7	1.537	2.425	13.1	19.7
11 17	4 42.54	+36 57.1	1.524	2.460	9.4	19.6
11 27	4 29.31	+38 3.0	1.537	2.497	6.8	19.5
12 7	4 15.87	+38 43.2	1.579	2.533	7.0	19.6
12 17	4 3.95	+38 59.6	1.647	2.570	9.5	19.9
12 27	3 54.91	+38 58.5	1.741	2.607	12.5	20.1
1 6	3 49.46	+38 47.9	1.857	2.645	15.2	20.4

380362 2002 TD_{106} 11 30.1 293.°32 3.°0/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.75	+28 20.7	1.432	2.276	16.7	20.5
11 7	4 49.05	+28 40.5	1.354	2.266	12.7	20.2
11 17	4 40.06	+28 49.5	1.297	2.256	8.1	19.9
11 27	4 28.80	+28 44.8	1.266	2.246	3.7	19.6
12 7	4 16.87	+28 26.4	1.261	2.237	4.6	19.6
12 17	4 6.03	+27 57.5	1.282	2.227	9.3	19.9
12 27	3 57.81	+27 24.4	1.328	2.218	14.0	20.1
1 6	3 53.13	+26 53.6	1.395	2.209	18.1	20.4

354404 2003 UV_{158} 11 30.1 0.°22 0.°8/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.27	+23 16.4	1.243	2.110	17.3	20.1
11 7	4 45.05	+23 26.2	1.180	2.107	12.8	19.8
11 17	4 37.66	+23 29.6	1.138	2.105	7.6	19.5
11 27	4 28.20	+23 26.3	1.119	2.104	2.1	19.2
12 7	4 18.27	+23 17.5	1.126	2.105	4.0	19.3
12 17	4 9.54	+23 6.3	1.157	2.107	9.4	19.7
12 27	4 3.43	+22 57.0	1.212	2.110	14.3	19.9
1 6	4 0.74	+22 53.5	1.286	2.115	18.5	20.2

180986 2005 NK_{14} 11 30.1 131.°45 2.°4/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.52	+15 33.4	2.239	3.076	11.7	20.9
11 7	4 44.51	+15 5.8	2.174	3.086	8.6	20.7
11 17	4 36.72	+14 38.4	2.135	3.095	5.2	20.5
11 27	4 27.91	+14 13.3	2.124	3.105	2.5	20.4
12 7	4 18.96	+13 52.7	2.144	3.114	3.8	20.5
12 17	4 10.76	+13 38.8	2.193	3.122	7.1	20.7
12 27	4 4.08	+13 33.2	2.269	3.130	10.2	20.9
1 6	3 59.46	+13 36.4	2.369	3.138	12.9	21.1

144566 2004 FT_{13} 11 30.1 260.°77 1.°1/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.33	+24 22.4	1.940	2.776	13.3	20.4
11 7	4 46.39	+24 34.6	1.860	2.771	9.9	20.2
11 17	4 38.11	+24 41.3	1.805	2.766	5.9	20.0
11 27	4 28.28	+24 41.7	1.777	2.761	1.9	19.7
12 7	4 18.06	+24 36.1	1.778	2.756	3.1	19.8
12 17	4 8.61	+24 26.5	1.808	2.750	7.3	20.0
12 27	4 1.03	+24 16.2	1.864	2.745	11.1	20.2
1 6	3 56.01	+24 8.5	1.944	2.740	14.4	20.4

319309 2006 BR_{143} 11 30.1 99.°56 2.°1/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.90	+16 14.1	2.340	3.178	11.2	20.9
11 7	4 43.26	+15 46.8	2.277	3.190	8.2	20.7
11 17	4 35.97	+15 19.2	2.241	3.202	4.9	20.5
11 27	4 27.73	+14 53.5	2.232	3.214	2.2	20.3
12 7	4 19.37	+14 31.7	2.254	3.225	3.5	20.4
12 17	4 11.73	+14 15.8	2.306	3.237	6.7	20.7
12 27	4 5.53	+14 7.6	2.385	3.248	9.7	20.9
1 6	4 1.26	+14 7.7	2.487	3.259	12.3	21.1

372794 2010 RG_{107} 11 30.1 90.°16 1.°0/30.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.66	+24 25.2	1.350	2.196	17.4	21.8
11 7	4 51.42	+24 26.2	1.300	2.216	12.8	21.6
11 17	4 41.08	+24 18.7	1.272	2.235	7.6	21.3
11 27	4 28.96	+24 2.4	1.270	2.255	2.1	21.0
12 7	4 16.76	+23 39.1	1.295	2.274	3.8	21.2
12 17	4 6.11	+23 13.1	1.348	2.293	9.0	21.6
12 27	3 58.28	+22 49.8	1.425	2.311	13.5	21.9
1 6	3 53.88	+22 33.2	1.523	2.329	17.2	22.2

447253 2005 UT_{262} 11 30.1 58.°40 3.°0/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.38	+28 57.1	1.977	2.803	13.5	21.1
11 7	4 47.18	+29 30.8	1.905	2.806	10.2	20.9
11 17	4 38.57	+29 56.1	1.856	2.809	6.6	20.7
11 27	4 28.40	+30 10.7	1.835	2.812	3.4	20.5
12 7	4 17.86	+30 13.9	1.843	2.815	3.9	20.5
12 17	4 8.17	+30 7.3	1.879	2.818	7.3	20.8
12 27	4 0.43	+29 54.8	1.942	2.822	10.8	21.0
1 6	3 55.34	+29 40.6	2.029	2.825	13.9	21.2

188895 2006 XW_{62} 11 30.1 107.°20 3.°6/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.32	+12 15.0	1.532	2.378	15.7	20.5
11 7	4 48.75	+12 16.2	1.471	2.385	11.7	20.2
11 17	4 39.52	+12 22.9	1.432	2.392	7.3	20.0
11 27	4 28.63	+12 37.0	1.419	2.398	3.9	19.8
12 7	4 17.43	+12 59.3	1.434	2.404	5.3	19.9
12 17	4 7.29	+13 30.3	1.477	2.410	9.5	20.2
12 27	3 59.41	+14 9.9	1.546	2.416	13.6	20.4
1 6	3 54.48	+14 57.0	1.635	2.422	17.0	20.7

302640 2002 RX_{157} 11 30.1 35.°10 2.°3/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.46	+17 52.8	1.482	2.340	15.5	20.1
11 7	4 45.19	+17 20.0	1.427	2.350	11.3	19.9
11 17	4 37.39	+16 45.5	1.395	2.361	6.7	19.7
11 27	4 28.10	+16 12.2	1.389	2.372	2.6	19.5
12 7	4 18.65	+15 43.7	1.410	2.384	4.5	19.6
12 17	4 10.35	+15 23.3	1.457	2.397	9.0	19.9
12 27	4 4.25	+15 13.7	1.529	2.410	13.1	20.2
1 6	4 0.96	+15 15.8	1.623	2.423	16.5	20.5

197429 2003 YM_{73} 11 30.1 243.°42 4.°1/ 2.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.84	+37 27.4	2.498	3.291	12.0	19.8
11 7	4 45.64	+37 11.2	2.413	3.288	9.5	19.6
11 17	4 37.46	+36 40.2	2.352	3.285	6.8	19.4
11 27	4 28.11	+35 53.2	2.319	3.282	4.5	19.3
12 7	4 18.59	+34 51.6	2.316	3.278	4.4	19.3
12 17	4 9.92	+33 39.2	2.342	3.275	6.5	19.4
12 27	4 2.96	+32 21.4	2.397	3.272	9.2	19.6
1 6	3 58.26	+31 4.1	2.478	3.268	11.8	19.8

104934 2000 JN_{29} 11 30.1 252.°41 0.°8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.41	+24 42.0	1.748	2.586	14.4	19.8
11 7	4 48.24	+24 35.6	1.660	2.572	10.8	19.5
11 17	4 39.35	+24 21.4	1.595	2.557	6.5	19.2
11 27	4 28.63	+23 59.1	1.557	2.542	1.9	18.9
12 7	4 17.36	+23 30.0	1.548	2.526	3.4	19.0
12 17	4 6.91	+22 57.6	1.567	2.510	8.1	19.2
12 27	3 58.57	+22 26.6	1.613	2.494	12.5	19.5
1 6	3 53.12	+22 1.6	1.681	2.477	16.2	19.7

64751 2001 XR_{156} 11 30.1 22.°53 0.°1/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.11	+22 47.3	1.065	1.940	18.9	18.2
11 7	4 45.72	+22 27.9	1.020	1.950	13.9	18.0
11 17	4 37.98	+22 0.7	0.994	1.962	8.1	17.7
11 27	4 28.26	+21 27.4	0.990	1.976	1.9	17.4
12 7	4 18.38	+20 52.1	1.011	1.991	4.3	17.6
12 17	4 10.06	+20 20.3	1.056	2.007	10.1	18.0
12 27	4 4.68	+19 57.0	1.124	2.024	15.1	18.3
1 6	4 2.83	+19 45.1	1.210	2.042	19.2	18.6

84049 2002 PU_{60} 11 30.1 42.°86 7.°4/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.75	+ 5 40.8	1.513	2.362	15.7	19.2
11 7	4 44.46	+ 4 37.2	1.468	2.375	12.3	19.0
11 17	4 36.87	+ 3 44.4	1.445	2.390	9.1	18.9
11 27	4 27.98	+ 3 8.3	1.448	2.404	7.4	18.8
12 7	4 18.99	+ 2 52.9	1.476	2.419	8.6	19.0
12 17	4 11.10	+ 2 59.6	1.529	2.435	11.5	19.2
12 27	4 5.25	+ 3 27.1	1.606	2.451	14.6	19.4
1 6	4 1.99	+ 4 11.8	1.702	2.467	17.4	19.6

442263 2011 QN_{25} 11 30.1 65.°18 1.°5/30.6 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.56	+25 42.8	1.603	2.444	15.4	21.4
11 7	4 48.09	+25 47.1	1.551	2.464	11.3	21.2
11 17	4 39.04	+25 43.0	1.523	2.484	6.8	21.0
11 27	4 28.51	+25 29.9	1.521	2.504	2.3	20.8
12 7	4 17.87	+25 9.5	1.546	2.524	3.5	20.9
12 17	4 8.49	+24 45.2	1.600	2.545	7.9	21.2
12 27	4 1.44	+24 21.5	1.680	2.565	11.9	21.5
1 6	3 57.31	+24 2.4	1.782	2.585	15.2	21.8

398364 2011 SG_{76} 11 30.1 254.°35 0.°6/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.64	+24 45.4	1.917	2.753	13.4	21.1
11 7	4 46.69	+24 30.7	1.829	2.740	10.0	20.8
11 17	4 38.33	+24 8.3	1.765	2.727	6.0	20.6
11 27	4 28.39	+23 38.2	1.728	2.713	1.7	20.3
12 7	4 18.00	+23 2.4	1.721	2.699	3.1	20.3
12 17	4 8.40	+22 24.3	1.743	2.685	7.5	20.6
12 27	4 0.67	+21 48.5	1.791	2.671	11.5	20.8
1 6	3 55.55	+21 18.9	1.863	2.656	15.0	21.0

208106 2000 BL_{20} 11 30.1 244.°01 2.°4/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.02	+29 4.3	1.995	2.821	13.4	21.1
11 7	4 46.94	+29 5.3	1.911	2.813	10.1	20.9
11 17	4 38.45	+28 56.3	1.850	2.805	6.4	20.7
11 27	4 28.41	+28 35.9	1.816	2.796	2.9	20.4
12 7	4 17.97	+28 5.2	1.811	2.787	3.5	20.5
12 17	4 8.34	+27 27.1	1.836	2.778	7.3	20.7
12 27	4 0.63	+26 46.6	1.888	2.768	11.0	20.9
1 6	3 55.53	+26 8.5	1.962	2.759	14.2	21.1

233069 2005 JJ_{67} 11 30.1 214.°87 4.°2/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.64	+ 7 25.8	2.575	3.404	10.6	20.3
11 7	4 42.30	+ 7 8.7	2.503	3.403	8.1	20.1
11 17	4 35.44	+ 6 57.4	2.455	3.402	5.7	20.0
11 27	4 27.65	+ 6 54.4	2.437	3.400	4.2	19.9
12 7	4 19.67	+ 7 1.0	2.447	3.399	5.1	19.9
12 17	4 12.23	+ 7 18.1	2.487	3.398	7.4	20.1
12 27	4 6.00	+ 7 45.5	2.555	3.396	9.9	20.2
1 6	4 1.49	+ 8 22.2	2.645	3.395	12.2	20.4

474816 2005 SZ_{33} 11 30.1 12.°34 0.°7/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.57	+19 51.1	1.071	1.946	18.7	20.2
11 7	4 46.22	+20 1.3	1.018	1.949	13.8	19.9
11 17	4 38.42	+20 9.4	0.985	1.954	8.1	19.6
11 27	4 28.42	+20 15.6	0.974	1.960	2.0	19.2
12 7	4 18.03	+20 21.1	0.988	1.967	4.4	19.4
12 17	4 9.06	+20 28.1	1.026	1.976	10.3	19.8
12 27	4 3.01	+20 39.7	1.086	1.986	15.5	20.1
1 6	4 0.65	+20 57.8	1.164	1.997	19.7	20.4

515559 2014 HD_{23} 11 30.1 143.°32 5.°3/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.03	+ 5 55.2	2.231	3.057	12.1	21.9
11 7	4 44.85	+ 5 20.9	2.170	3.066	9.4	21.7
11 17	4 36.94	+ 4 54.1	2.134	3.075	6.8	21.6
11 27	4 28.01	+ 4 38.0	2.126	3.083	5.3	21.5
12 7	4 18.95	+ 4 34.9	2.147	3.091	6.3	21.6
12 17	4 10.61	+ 4 45.7	2.197	3.099	8.7	21.8
12 27	4 3.77	+ 5 10.2	2.273	3.106	11.3	21.9
1 6	3 58.93	+ 5 46.6	2.372	3.112	13.7	22.1

33818 2000 AK_{97} 11 30.1 127.°93 6.°5/27.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.63	+ 0 20.3	2.495	3.309	11.4	17.7
11 7	4 42.25	− 0 21.3	2.436	3.315	9.2	17.6
11 17	4 35.39	− 0 52.8	2.401	3.321	7.4	17.4
11 27	4 27.64	− 1 10.3	2.394	3.326	6.6	17.4
12 7	4 19.77	− 1 11.7	2.414	3.331	7.3	17.5
12 17	4 12.50	− 0 56.4	2.462	3.337	9.0	17.6
12 27	4 6.49	− 0 25.2	2.536	3.342	11.1	17.7
1 6	4 2.21	+ 0 19.5	2.631	3.347	13.1	17.9

6771 Foerster 11 30.1 312.°00 0.°7/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.83	+23 39.1	1.289	2.150	17.2	17.5
11 7	4 47.19	+23 38.4	1.206	2.129	12.9	17.2
11 17	4 39.15	+23 30.0	1.143	2.109	7.8	16.9
11 27	4 28.68	+23 13.5	1.104	2.089	2.1	16.5
12 7	4 17.35	+22 50.3	1.091	2.070	4.1	16.5
12 17	4 6.98	+22 24.3	1.103	2.051	10.0	16.8
12 27	3 59.23	+22 1.2	1.138	2.033	15.4	17.1
1 6	3 55.13	+21 46.0	1.192	2.016	20.0	17.3

334228 2001 TX_{57} 11 30.1 98.°94 3.°0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.14	+16 14.9	1.703	2.546	14.5	20.8
11 7	4 48.12	+15 21.9	1.655	2.570	10.6	20.6
11 17	4 38.89	+14 28.4	1.632	2.593	6.4	20.4
11 27	4 28.47	+13 38.1	1.636	2.616	3.2	20.3
12 7	4 18.09	+12 55.1	1.669	2.638	4.8	20.4
12 17	4 8.89	+12 22.8	1.731	2.660	8.7	20.7
12 27	4 1.80	+12 3.6	1.819	2.681	12.3	21.0
1 6	3 57.33	+11 57.8	1.929	2.702	15.3	21.2

228509 2001 TP_{54} 11 30.1 343.°52 4.°5/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.65	+30 24.5	1.131	1.993	18.9	19.3
11 7	4 45.98	+30 48.1	1.061	1.981	14.6	19.0
11 17	4 38.56	+30 56.7	1.010	1.969	9.7	18.7
11 27	4 28.54	+30 46.4	0.980	1.959	5.2	18.4
12 7	4 17.76	+30 17.1	0.975	1.950	5.7	18.5
12 17	4 8.26	+29 33.6	0.993	1.943	10.6	18.7
12 27	4 1.84	+28 44.2	1.033	1.937	15.7	19.0
1 6	3 59.44	+27 57.8	1.091	1.933	20.2	19.2

274837 2009 QR_{16} 11 30.1 136.°81 0.°8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.83	+24 9.6	1.702	2.537	14.9	21.9
11 7	4 49.76	+24 10.6	1.637	2.548	11.0	21.7
11 17	4 40.08	+24 4.7	1.596	2.558	6.5	21.5
11 27	4 28.81	+23 51.5	1.583	2.567	1.8	21.2
12 7	4 17.29	+23 32.3	1.598	2.576	3.3	21.3
12 17	4 6.90	+23 10.3	1.642	2.585	7.9	21.6
12 27	3 58.78	+22 49.6	1.713	2.592	12.0	21.9
1 6	3 53.57	+22 34.1	1.806	2.600	15.4	22.1

424268 2007 TV_{15} 11 30.1 80.°52 3.°9/ 1.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.79	+30 24.4	1.272	2.111	18.7	20.9
11 7	4 53.27	+30 43.0	1.226	2.134	14.2	20.7
11 17	4 42.29	+30 46.2	1.201	2.157	9.1	20.5
11 27	4 29.33	+30 31.1	1.201	2.179	4.6	20.3
12 7	4 16.33	+29 59.1	1.227	2.201	5.1	20.4
12 17	4 5.15	+29 16.0	1.280	2.223	9.5	20.7
12 27	3 57.15	+28 29.9	1.357	2.245	13.9	21.0
1 6	3 52.94	+27 48.1	1.454	2.266	17.6	21.3

184013 2004 FY_{20} 11 30.1 122.°06 2.°4/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.19	+17 47.8	1.657	2.503	14.7	20.1
11 7	4 47.69	+17 3.7	1.598	2.514	10.8	19.9
11 17	4 38.80	+16 17.1	1.562	2.525	6.4	19.7
11 27	4 28.50	+15 31.2	1.553	2.535	2.7	19.5
12 7	4 18.06	+14 49.9	1.573	2.545	4.5	19.6
12 17	4 8.73	+14 17.2	1.621	2.555	8.7	19.9
12 27	4 1.53	+13 56.1	1.695	2.564	12.7	20.1
1 6	3 57.04	+13 47.7	1.790	2.573	15.9	20.4

523457 2017 FR_{75} 11 30.1 126.°67 9.°3/26.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.70	− 8 7.5	2.351	3.136	12.9	20.8
11 7	4 43.13	− 8 52.0	2.295	3.138	11.2	20.7
11 17	4 35.94	− 9 19.8	2.262	3.140	9.8	20.6
11 27	4 27.81	− 9 26.7	2.254	3.143	9.3	20.6
12 7	4 19.53	− 9 10.2	2.272	3.145	9.8	20.6
12 17	4 11.89	− 8 30.6	2.316	3.147	11.2	20.7
12 27	4 5.63	− 7 30.3	2.383	3.150	12.9	20.8
1 6	4 1.23	− 6 13.3	2.470	3.152	14.6	21.0

382173 2012 JC_{25} 11 30.1 175.°33 2.°4/29.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.00	+17 6.7	1.851	2.689	13.7	22.4
11 7	4 48.19	+16 27.0	1.780	2.693	10.1	22.2
11 17	4 39.09	+15 45.3	1.733	2.695	6.1	21.9
11 27	4 28.59	+15 4.2	1.715	2.697	2.6	21.7
12 7	4 17.84	+14 27.1	1.726	2.698	4.4	21.8
12 17	4 8.03	+13 57.6	1.767	2.698	8.4	22.1
12 27	4 0.17	+13 38.5	1.833	2.697	12.1	22.3
1 6	3 54.87	+13 31.2	1.923	2.695	15.3	22.5

479751 2014 EY_{16} 11 30.1 2.°70 1.°1/30.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.38	+24 21.6	1.174	2.041	18.0	20.8
11 7	4 46.03	+24 24.2	1.113	2.040	13.4	20.6
11 17	4 38.33	+24 18.3	1.072	2.039	8.0	20.3
11 27	4 28.46	+24 3.4	1.055	2.040	2.3	19.9
12 7	4 18.13	+23 41.6	1.062	2.042	4.1	20.1
12 17	4 9.11	+23 17.0	1.094	2.044	9.8	20.4
12 27	4 2.90	+22 55.4	1.149	2.049	14.8	20.7
1 6	4 0.29	+22 41.0	1.223	2.054	19.1	21.0

252824 2002 GH_{77} 11 30.1 211.°47 2.°2/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.31	+17 3.9	1.592	2.438	15.2	20.8
11 7	4 48.88	+16 45.8	1.518	2.434	11.3	20.5
11 17	4 39.72	+16 26.7	1.466	2.429	6.8	20.3
11 27	4 28.79	+16 8.7	1.441	2.424	2.6	20.0
12 7	4 17.41	+15 54.1	1.444	2.419	4.5	20.1
12 17	4 6.99	+15 45.6	1.476	2.412	9.2	20.4
12 27	3 58.78	+15 45.9	1.532	2.406	13.5	20.6
1 6	3 53.53	+15 56.4	1.610	2.399	17.2	20.8

431719 2008 EL_{151} 11 30.1 159.°93 1.°4/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.89	+25 52.1	1.849	2.678	14.1	22.6
11 7	4 49.74	+25 55.0	1.778	2.684	10.5	22.4
11 17	4 40.07	+25 49.9	1.731	2.690	6.4	22.1
11 27	4 28.85	+25 35.9	1.712	2.696	2.2	21.9
12 7	4 17.34	+25 14.2	1.723	2.700	3.3	22.0
12 17	4 6.85	+24 47.7	1.763	2.704	7.5	22.2
12 27	3 58.49	+24 20.9	1.830	2.708	11.4	22.5
1 6	3 52.93	+23 58.1	1.920	2.710	14.7	22.7

149191 2002 LM_{12} 11 30.1 138.°62 2.°7/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.77	+15 54.0	1.675	2.518	14.8	20.9
11 7	4 48.87	+15 30.4	1.614	2.528	10.9	20.6
11 17	4 39.52	+15 7.0	1.577	2.538	6.6	20.4
11 27	4 28.70	+14 46.1	1.567	2.548	2.9	20.2
12 7	4 17.69	+14 30.3	1.585	2.557	4.6	20.3
12 17	4 7.75	+14 22.1	1.632	2.565	8.8	20.6
12 27	3 59.95	+14 23.4	1.705	2.573	12.7	20.9
1 6	3 54.91	+14 34.8	1.800	2.580	16.0	21.1

149363 2002 XD_{45} 11 30.1 303.°86 2.°6/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.90	+18 31.1	1.445	2.302	15.9	20.1
11 7	4 46.55	+17 41.8	1.374	2.296	11.7	19.8
11 17	4 38.41	+16 47.9	1.324	2.290	7.0	19.5
11 27	4 28.47	+15 53.1	1.301	2.284	2.8	19.3
12 7	4 18.15	+15 2.5	1.305	2.278	5.0	19.4
12 17	4 8.87	+14 21.3	1.335	2.273	9.8	19.6
12 27	4 1.90	+13 53.7	1.389	2.268	14.3	19.9
1 6	3 57.96	+13 41.4	1.464	2.262	18.1	20.1

129251 2005 QA_{42} 11 30.1 330.°31 6.°2/ 2.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.58	+35 6.6	1.341	2.175	18.2	19.3
11 7	4 49.33	+35 37.9	1.268	2.167	14.4	19.0
11 17	4 40.42	+35 51.1	1.214	2.159	10.3	18.8
11 27	4 29.01	+35 40.9	1.184	2.152	6.8	18.5
12 7	4 16.93	+35 6.1	1.179	2.146	6.8	18.5
12 17	4 6.17	+34 11.3	1.199	2.140	10.4	18.7
12 27	3 58.41	+33 5.5	1.243	2.134	14.6	18.9
1 6	3 54.55	+31 58.9	1.306	2.129	18.6	19.2

330740 2008 SN_{31} 11 30.1 22.°25 3.°3/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.45	+15 10.5	2.042	2.889	12.3	20.2
11 7	4 42.47	+14 8.4	1.976	2.892	9.1	20.0
11 17	4 35.66	+13 5.7	1.936	2.896	5.7	19.8
11 27	4 27.78	+12 6.2	1.924	2.901	3.3	19.7
12 7	4 19.75	+11 14.2	1.940	2.905	4.8	19.8
12 17	4 12.49	+10 33.0	1.985	2.910	8.0	20.0
12 27	4 6.80	+10 5.2	2.057	2.916	11.2	20.2
1 6	4 3.19	+ 9 51.3	2.150	2.921	14.0	20.4

481600 2007 TJ_{276} 11 30.1 6.°48 7.°5/ 1.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.35	+35 47.7	1.343	2.176	18.3	20.6
11 7	4 49.20	+37 1.2	1.281	2.176	14.6	20.3
11 17	4 40.37	+37 58.2	1.239	2.178	10.8	20.1
11 27	4 29.02	+38 31.7	1.219	2.180	8.0	20.0
12 7	4 16.99	+38 38.3	1.225	2.183	8.0	20.0
12 17	4 6.30	+38 20.3	1.255	2.188	10.9	20.2
12 27	3 58.65	+37 45.3	1.308	2.193	14.6	20.4
1 6	3 54.95	+37 2.9	1.382	2.200	18.0	20.6

173438 2000 JL_{68} 11 30.1 1.°67 0.°9/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.25	+19 47.2	1.718	2.566	14.2	20.4
11 7	4 45.73	+19 41.7	1.648	2.566	10.4	20.2
11 17	4 37.80	+19 33.7	1.601	2.565	6.1	19.9
11 27	4 28.33	+19 23.9	1.580	2.566	1.6	19.6
12 7	4 18.53	+19 14.1	1.588	2.566	3.5	19.8
12 17	4 9.63	+19 6.5	1.624	2.566	8.0	20.1
12 27	4 2.70	+19 3.9	1.686	2.567	12.0	20.3
1 6	3 58.44	+19 8.0	1.770	2.568	15.5	20.5

454298 2014 JW_{30} 11 30.1 41.°36 12.°7/ 1.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 7.13	− 7 38.1	0.983	1.801	24.5	20.1
11 7	4 58.64	− 6 53.4	0.927	1.805	20.5	19.8
11 17	4 45.91	− 5 26.6	0.887	1.809	16.2	19.6
11 27	4 30.37	− 3 11.9	0.870	1.814	13.2	19.5
12 7	4 14.23	− 0 13.7	0.877	1.818	13.2	19.5
12 17	3 59.84	+ 3 14.1	0.910	1.824	16.3	19.7
12 27	3 49.07	+ 6 54.2	0.966	1.829	20.5	20.0
1 6	3 42.84	+10 31.5	1.043	1.835	24.3	20.2

273537 2007 BJ_{40} 11 30.1 229.°57 2.°1/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.32	+27 38.7	1.703	2.537	14.9	21.2
11 7	4 48.98	+27 38.8	1.623	2.530	11.3	21.0
11 17	4 39.85	+27 28.8	1.565	2.523	7.0	20.7
11 27	4 28.89	+27 7.2	1.534	2.516	2.8	20.4
12 7	4 17.46	+26 35.2	1.532	2.509	3.7	20.5
12 17	4 7.00	+25 56.4	1.558	2.501	8.1	20.7
12 27	3 58.79	+25 16.6	1.609	2.493	12.4	21.0
1 6	3 53.60	+24 41.1	1.684	2.484	16.0	21.2

265118 2003 UF_{61} 11 30.1 61.°73 5.°2/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.39	+ 6 43.7	2.141	2.976	12.3	20.2
11 7	4 43.05	+ 6 8.9	2.082	2.984	9.5	20.0
11 17	4 35.98	+ 5 41.2	2.048	2.993	6.8	19.8
11 27	4 27.90	+ 5 24.2	2.041	3.001	5.3	19.8
12 7	4 19.67	+ 5 20.0	2.062	3.010	6.2	19.8
12 17	4 12.16	+ 5 29.8	2.111	3.019	8.7	20.0
12 27	4 6.13	+ 5 53.3	2.187	3.027	11.4	20.2
1 6	4 2.09	+ 6 28.8	2.284	3.036	13.8	20.4

409121 2003 UW_2 11 30.1 236.°86 7.°7/25.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.20	+ 0 6.0	2.386	3.202	11.8	21.3
11 7	4 42.07	− 1 34.4	2.324	3.200	9.7	21.2
11 17	4 35.38	− 3 5.9	2.288	3.198	8.2	21.1
11 27	4 27.76	− 4 22.4	2.279	3.196	7.7	21.1
12 7	4 19.96	− 5 19.3	2.298	3.194	8.7	21.1
12 17	4 12.76	− 5 54.1	2.344	3.192	10.5	21.2
12 27	4 6.85	− 6 6.7	2.413	3.190	12.5	21.4
1 6	4 2.73	− 5 59.0	2.503	3.188	14.3	21.5

235461 2003 YG_{164} 11 30.1 267.°39 0.°3/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.50	+22 47.6	2.522	3.353	10.8	20.7
11 7	4 43.96	+22 50.5	2.429	3.338	8.0	20.5
11 17	4 36.62	+22 49.6	2.361	3.323	4.7	20.3
11 27	4 28.08	+22 44.9	2.322	3.307	1.2	20.0
12 7	4 19.19	+22 37.2	2.314	3.292	2.5	20.1
12 17	4 10.80	+22 27.9	2.336	3.276	6.0	20.3
12 27	4 3.75	+22 19.3	2.385	3.260	9.2	20.5
1 6	3 58.65	+22 13.6	2.460	3.244	12.0	20.6

344674 2003 SB_{176} 11 30.1 344.°44 9.°4/ 3.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.99	+43 24.8	1.667	2.452	17.3	20.2
11 7	4 52.49	+44 36.3	1.595	2.450	14.6	20.0
11 17	4 42.29	+45 27.2	1.544	2.449	11.8	19.8
11 27	4 29.54	+45 49.9	1.517	2.447	9.8	19.7
12 7	4 16.05	+45 40.6	1.515	2.446	9.6	19.7
12 17	4 3.85	+45 1.8	1.537	2.445	11.3	19.8
12 27	3 54.66	+44 1.5	1.584	2.444	13.9	19.9
1 6	3 49.41	+42 50.4	1.652	2.443	16.7	20.1

246916 1998 UZ_5 11 30.1 75.°10 7.°3/26.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.41	+ 2 48.8	2.164	2.989	12.5	20.2
11 7	4 42.94	+ 1 10.6	2.117	3.005	10.0	20.1
11 17	4 35.85	− 0 18.3	2.097	3.021	8.0	20.0
11 27	4 27.86	− 1 32.0	2.103	3.036	7.3	20.0
12 7	4 19.83	− 2 26.0	2.138	3.052	8.3	20.0
12 17	4 12.56	− 2 58.2	2.200	3.068	10.3	20.2
12 27	4 6.77	− 3 8.6	2.286	3.083	12.5	20.4
1 6	4 2.90	− 2 59.5	2.392	3.099	14.4	20.6

39420 Elizabethgaskell 11 30.1 289.°26 17.°1/20.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.77	− 5 50.3	1.113	1.950	20.9	17.7
11 7	4 46.93	− 9 5.7	1.065	1.941	18.6	17.5
11 17	4 38.85	−11 59.6	1.038	1.931	17.2	17.4
11 27	4 28.67	−14 13.8	1.031	1.921	17.4	17.4
12 7	4 18.01	−15 35.8	1.044	1.912	19.0	17.5
12 17	4 8.55	−16 1.1	1.076	1.902	21.5	17.6
12 27	4 1.74	−15 34.0	1.123	1.893	24.2	17.8
1 6	3 58.37	−14 24.5	1.181	1.884	26.6	17.9

95683 2002 JA 11 30.1 15.°24 0.°5/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.54	+21 29.7	1.736	2.585	14.0	19.6
11 7	4 44.44	+21 14.2	1.669	2.588	10.3	19.3
11 17	4 37.02	+20 54.2	1.626	2.592	6.0	19.1
11 27	4 28.19	+20 30.8	1.610	2.596	1.5	18.8
12 7	4 19.11	+20 6.3	1.622	2.600	3.3	18.9
12 17	4 10.94	+19 43.8	1.662	2.605	7.7	19.2
12 27	4 4.72	+19 26.5	1.727	2.611	11.7	19.5
1 6	4 1.05	+19 16.9	1.814	2.616	15.0	19.7

161903 2007 DK_{54} 11 30.1 155.°57 1.°7/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.33	+18 7.4	1.947	2.783	13.2	20.9
11 7	4 47.64	+17 46.2	1.879	2.791	9.7	20.7
11 17	4 38.78	+17 23.1	1.835	2.798	5.7	20.5
11 27	4 28.61	+16 59.8	1.820	2.804	2.0	20.3
12 7	4 18.23	+16 38.5	1.835	2.810	3.7	20.4
12 17	4 8.74	+16 21.8	1.879	2.814	7.6	20.7
12 27	4 1.11	+16 12.1	1.950	2.819	11.3	20.9
1 6	3 55.92	+16 11.0	2.045	2.822	14.4	21.1

317686 2003 NZ_{10} 11 30.1 105.°87 3.°9/29.0 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.95	+14 12.9	1.435	2.285	16.3	21.5
11 7	4 49.23	+13 32.1	1.383	2.300	12.1	21.2
11 17	4 39.82	+12 53.2	1.354	2.315	7.5	21.0
11 27	4 28.86	+12 20.0	1.350	2.329	4.1	20.9
12 7	4 17.78	+11 56.5	1.375	2.343	5.8	21.0
12 17	4 7.99	+11 45.5	1.426	2.357	10.0	21.3
12 27	4 0.61	+11 48.5	1.501	2.370	14.1	21.6
1 6	3 56.24	+12 5.0	1.598	2.382	17.5	21.8

229024 2003 YT_{164} 11 30.1 5.°67 0.°1/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.45	+21 45.4	1.760	2.611	13.8	19.8
11 7	4 43.66	+21 41.0	1.692	2.612	10.1	19.6
11 17	4 36.60	+21 32.4	1.648	2.613	5.9	19.3
11 27	4 28.10	+21 20.3	1.630	2.615	1.4	19.0
12 7	4 19.32	+21 6.3	1.639	2.618	3.2	19.2
12 17	4 11.40	+20 52.9	1.677	2.621	7.5	19.5
12 27	4 5.36	+20 43.0	1.740	2.626	11.5	19.7
1 6	4 1.84	+20 39.1	1.825	2.631	14.8	19.9

50247 2000 BX_{14} 11 30.1 332.°36 0.°9/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.72	+21 58.3	1.503	2.354	15.6	17.9
11 7	4 47.41	+22 34.8	1.425	2.344	11.7	17.6
11 17	4 39.13	+23 9.3	1.369	2.334	7.0	17.3
11 27	4 28.78	+23 39.8	1.340	2.324	2.0	17.0
12 7	4 17.76	+24 5.3	1.337	2.316	3.7	17.1
12 17	4 7.61	+24 26.0	1.362	2.308	8.8	17.4
12 27	3 59.75	+24 44.5	1.411	2.300	13.4	17.6
1 6	3 55.07	+25 3.7	1.481	2.294	17.3	17.9

259521 2003 TV_{43} 11 30.1 142.°42 1.°8/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.81	+25 54.6	1.694	2.525	15.1	20.9
11 7	4 51.36	+26 11.6	1.629	2.536	11.3	20.7
11 17	4 41.14	+26 20.7	1.587	2.546	6.9	20.4
11 27	4 29.21	+26 20.0	1.573	2.555	2.5	20.2
12 7	4 16.97	+26 10.1	1.587	2.564	3.6	20.3
12 17	4 5.89	+25 53.6	1.630	2.572	8.0	20.6
12 27	3 57.18	+25 35.0	1.700	2.580	12.1	20.8
1 6	3 51.52	+25 19.1	1.793	2.586	15.5	21.1

515453 2013 WR_{100} 11 30.1 34.°49 2.°7/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.70	+23 8.0	1.006	1.873	20.3	20.1
11 7	4 51.69	+24 24.9	0.966	1.891	15.1	19.8
11 17	4 41.75	+25 37.1	0.945	1.910	9.2	19.6
11 27	4 29.38	+26 38.3	0.947	1.930	3.5	19.3
12 7	4 16.70	+27 25.0	0.974	1.951	5.0	19.5
12 17	4 5.85	+27 57.5	1.025	1.974	10.5	19.9
12 27	3 58.48	+28 20.4	1.098	1.997	15.5	20.3
1 6	3 55.29	+28 39.2	1.191	2.020	19.6	20.6

341024 2007 GF_8 11 30.1 218.°63 2.°1/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.14	+17 47.7	1.825	2.667	13.7	22.2
11 7	4 47.02	+17 13.7	1.747	2.661	10.1	22.0
11 17	4 38.56	+16 37.1	1.692	2.655	6.1	21.7
11 27	4 28.59	+16 0.4	1.666	2.648	2.4	21.5
12 7	4 18.27	+15 26.6	1.668	2.641	4.2	21.6
12 17	4 8.79	+14 59.3	1.699	2.634	8.4	21.8
12 27	4 1.20	+14 41.5	1.756	2.626	12.3	22.1
1 6	3 56.18	+14 34.8	1.836	2.617	15.6	22.3

182254 2001 FV_{103} 11 30.1 228.°89 3.°5/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.68	+14 53.5	1.591	2.440	15.1	20.8
11 7	4 47.68	+14 16.2	1.517	2.434	11.3	20.5
11 17	4 39.06	+13 39.1	1.466	2.428	7.0	20.3
11 27	4 28.74	+13 5.7	1.442	2.422	3.6	20.1
12 7	4 18.00	+12 39.5	1.445	2.415	5.4	20.2
12 17	4 8.20	+12 24.1	1.476	2.408	9.6	20.4
12 27	4 0.52	+12 21.6	1.532	2.401	13.8	20.6
1 6	3 55.69	+12 32.5	1.609	2.393	17.4	20.8

33655 Sumathipala 11 30.1 285.°47 4.°3/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.22	+12 4.4	1.590	2.439	15.0	18.7
11 7	4 46.71	+11 41.3	1.510	2.426	11.4	18.4
11 17	4 38.56	+11 22.3	1.453	2.412	7.4	18.2
11 27	4 28.64	+11 10.6	1.422	2.399	4.4	18.0
12 7	4 18.17	+11 9.2	1.419	2.385	5.9	18.0
12 17	4 8.51	+11 20.0	1.442	2.372	10.0	18.2
12 27	4 0.87	+11 43.9	1.490	2.359	14.1	18.4
1 6	3 56.06	+12 20.3	1.558	2.345	17.7	18.6

191522 2003 US_{158} 11 30.1 25.°58 0.°4/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.68	+23 6.8	1.797	2.643	13.7	19.7
11 7	4 44.48	+23 8.6	1.735	2.652	10.1	19.5
11 17	4 37.03	+23 5.2	1.697	2.661	6.0	19.2
11 27	4 28.21	+22 56.9	1.686	2.671	1.6	19.0
12 7	4 19.18	+22 45.0	1.703	2.682	3.0	19.1
12 17	4 11.08	+22 31.9	1.749	2.693	7.3	19.4
12 27	4 4.89	+22 20.7	1.820	2.705	11.1	19.7
1 6	4 1.20	+22 14.0	1.914	2.718	14.3	19.9

217195 2002 TG_{83} 11 30.1 32.°78 5.°9/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.30	+10 49.9	0.981	1.857	20.0	19.3
11 7	4 47.23	+10 23.4	0.948	1.876	15.0	19.1
11 17	4 38.87	+10 6.6	0.933	1.895	9.7	18.9
11 27	4 28.65	+10 4.1	0.940	1.917	6.0	18.8
12 7	4 18.41	+10 18.3	0.971	1.939	7.6	18.9
12 17	4 9.85	+10 49.4	1.024	1.962	12.1	19.2
12 27	4 4.26	+11 35.4	1.100	1.986	16.5	19.6
1 6	4 2.20	+12 33.0	1.193	2.011	20.3	19.9

462231 2008 AC_{18} 11 30.1 304.°52 20.°3/28.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.04	−18 20.5	1.100	1.882	24.6	20.4
11 7	4 51.67	−19 32.5	1.052	1.875	22.7	20.3
11 17	4 41.70	−20 2.2	1.018	1.869	21.1	20.1
11 27	4 29.41	−19 36.3	1.002	1.863	20.3	20.1
12 7	4 16.63	−18 9.3	1.003	1.857	20.7	20.1
12 17	4 5.29	−15 44.8	1.022	1.851	22.2	20.2
12 27	3 56.95	−12 34.9	1.059	1.846	24.4	20.3
1 6	3 52.45	− 8 56.2	1.112	1.841	26.7	20.5

378101 2006 UG_{173} 11 30.1 350.°66 2.°5/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.40	+17 33.3	1.061	1.939	18.7	20.4
11 7	4 45.55	+17 17.6	0.999	1.932	13.9	20.1
11 17	4 38.24	+17 1.1	0.956	1.925	8.3	19.8
11 27	4 28.60	+16 46.6	0.936	1.920	3.0	19.5
12 7	4 18.37	+16 37.4	0.939	1.916	5.4	19.6
12 17	4 9.39	+16 36.8	0.966	1.914	11.2	19.9
12 27	4 3.27	+16 47.5	1.014	1.913	16.5	20.2
1 6	4 0.87	+17 10.4	1.080	1.913	20.9	20.5

13145 Cavezzo 11 30.2 141.°67 0.°6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.10	+19 45.8	2.559	3.390	10.6	18.5
11 7	4 44.20	+19 45.5	2.487	3.397	7.8	18.3
11 17	4 36.66	+19 43.4	2.441	3.403	4.5	18.1
11 27	4 28.13	+19 39.8	2.425	3.410	1.2	17.9
12 7	4 19.41	+19 35.9	2.439	3.416	2.5	18.0
12 17	4 11.31	+19 32.8	2.483	3.421	5.9	18.2
12 27	4 4.56	+19 32.4	2.556	3.427	8.9	18.4
1 6	3 59.67	+19 35.9	2.654	3.432	11.4	18.6

411074 2009 VM_{70} 11 30.2 182.°22 1.°3/30.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.31	+25 27.4	2.459	3.284	11.2	21.1
11 7	4 45.29	+25 47.0	2.380	3.284	8.3	20.9
11 17	4 37.41	+26 1.7	2.327	3.284	5.1	20.7
11 27	4 28.33	+26 10.3	2.302	3.284	1.9	20.5
12 7	4 18.95	+26 12.9	2.307	3.284	2.7	20.6
12 17	4 10.20	+26 10.9	2.343	3.284	6.0	20.8
12 27	4 2.92	+26 6.4	2.407	3.283	9.1	21.0
1 6	3 57.69	+26 2.4	2.496	3.282	11.8	21.2

514391 2016 SQ_{15} 11 30.2 44.°19 2.°1/29.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.26	+17 46.6	1.356	2.214	16.6	21.1
11 7	4 47.59	+17 30.1	1.299	2.221	12.2	20.8
11 17	4 39.05	+17 12.5	1.263	2.229	7.3	20.6
11 27	4 28.74	+16 55.9	1.253	2.237	2.5	20.3
12 7	4 18.16	+16 43.0	1.269	2.245	4.6	20.5
12 17	4 8.81	+16 36.6	1.312	2.254	9.5	20.8
12 27	4 1.93	+16 39.1	1.379	2.263	14.0	21.1
1 6	3 58.19	+16 51.7	1.466	2.272	17.7	21.3

397797 2008 MZ_2 11 30.2 10.°70 8.°8/ 4.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.42	+44 31.3	1.475	2.276	18.5	18.5
11 7	4 46.75	+44 41.1	1.415	2.282	15.4	18.3
11 17	4 38.70	+44 23.4	1.374	2.289	12.2	18.1
11 27	4 28.65	+43 33.8	1.355	2.297	9.5	18.0
12 7	4 18.43	+42 13.7	1.361	2.307	8.8	18.0
12 17	4 9.81	+40 30.1	1.391	2.319	10.5	18.1
12 27	4 4.14	+38 34.1	1.446	2.332	13.4	18.3
1 6	4 2.01	+36 37.6	1.523	2.346	16.4	18.5

25977 2001 FG_{46} 11 30.2 142.°25 5.°6/ 2.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.76	+40 13.5	2.653	3.425	11.9	17.6
11 7	4 48.74	+41 1.1	2.579	3.432	9.7	17.5
11 17	4 39.51	+41 35.5	2.529	3.439	7.5	17.3
11 27	4 28.86	+41 53.2	2.507	3.446	5.9	17.2
12 7	4 17.85	+41 53.0	2.513	3.452	5.8	17.3
12 17	4 7.59	+41 36.1	2.549	3.458	7.3	17.4
12 27	3 59.09	+41 6.6	2.611	3.463	9.4	17.5
1 6	3 52.99	+40 30.0	2.699	3.469	11.5	17.7

141581 2002 GQ_{167} 11 30.2 79.°92 2.°2/30.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.01	+25 54.9	1.345	2.189	17.6	19.8
11 7	4 51.91	+26 20.3	1.295	2.208	13.1	19.5
11 17	4 41.60	+26 36.6	1.266	2.227	8.0	19.3
11 27	4 29.36	+26 41.4	1.263	2.245	3.0	19.1
12 7	4 16.94	+26 35.2	1.286	2.264	4.1	19.2
12 17	4 6.05	+26 21.2	1.337	2.282	9.0	19.5
12 27	3 58.02	+26 5.0	1.413	2.300	13.5	19.8
1 6	3 53.53	+25 51.6	1.509	2.318	17.2	20.1

323198 2003 QQ_{74} 11 30.2 94.°10 0.°5/29.9 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 58.02	+21 58.3	1.417	2.263	16.7	21.3
11 7	4 50.81	+21 35.3	1.368	2.285	12.2	21.1
11 17	4 40.77	+21 6.0	1.341	2.306	7.1	20.9
11 27	4 29.13	+20 32.1	1.341	2.326	1.7	20.6
12 7	4 17.48	+19 56.8	1.369	2.347	3.8	20.8
12 17	4 7.29	+19 24.4	1.424	2.366	8.9	21.1
12 27	3 59.72	+18 59.5	1.504	2.385	13.2	21.4
1 6	3 55.34	+18 44.8	1.606	2.404	16.8	21.7

244911 2003 WU_{133} 11 30.2 62.°92 0.°4/29.9 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.55	+23 29.1	1.568	2.415	15.4	20.2
11 7	4 47.31	+22 42.7	1.518	2.435	11.2	20.0
11 17	4 38.63	+21 48.3	1.492	2.456	6.5	19.8
11 27	4 28.61	+20 48.7	1.492	2.477	1.6	19.5
12 7	4 18.62	+19 48.6	1.521	2.499	3.5	19.7
12 17	4 9.91	+18 53.2	1.577	2.520	8.1	20.1
12 27	4 3.47	+18 7.3	1.660	2.541	12.2	20.4
1 6	3 59.82	+17 33.7	1.764	2.562	15.5	20.6

196017 2002 RH_{273} 11 30.2 110.°03 2.°1/ 1.1 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 50.95	+28 55.0	2.464	3.283	11.3	21.3
11 7	4 44.98	+29 0.9	2.393	3.292	8.5	21.2
11 17	4 37.18	+28 58.8	2.348	3.301	5.4	21.0
11 27	4 28.28	+28 48.0	2.331	3.310	2.5	20.8
12 7	4 19.21	+28 29.2	2.344	3.319	3.0	20.9
12 17	4 10.86	+28 4.6	2.387	3.327	5.9	21.1
12 27	4 4.05	+27 37.6	2.458	3.336	8.9	21.3
1 6	3 59.31	+27 11.5	2.554	3.344	11.5	21.5

232618 2003 UV_{150} 11 30.2 93.°15 3.°1/28.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 48.41	+13 55.3	2.283	3.122	11.4	20.3
11 7	4 43.04	+13 12.3	2.218	3.130	8.5	20.1
11 17	4 36.01	+12 30.2	2.179	3.138	5.3	19.9
11 27	4 28.00	+11 52.1	2.169	3.146	3.1	19.8
12 7	4 19.86	+11 20.7	2.188	3.153	4.3	19.9
12 17	4 12.42	+10 58.4	2.237	3.161	7.3	20.1
12 27	4 6.41	+10 46.8	2.312	3.169	10.2	20.3
1 6	4 2.32	+10 46.1	2.411	3.176	12.8	20.5

16453 1989 SW_8 11 30.2 36.°74 8.°6/27.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.29	+ 4 53.5	1.418	2.270	16.4	17.1
11 7	4 44.29	+ 3 21.9	1.378	2.284	12.9	16.9
11 17	4 36.93	+ 2 2.2	1.359	2.299	9.9	16.8
11 27	4 28.24	+ 1 2.1	1.365	2.315	8.6	16.8
12 7	4 19.48	+ 0 27.1	1.396	2.331	9.8	16.9
12 17	4 11.87	+ 0 19.2	1.451	2.348	12.6	17.1
12 27	4 6.37	+ 0 36.9	1.528	2.365	15.6	17.3
1 6	4 3.53	+ 1 16.0	1.624	2.383	18.3	17.6

282876 2007 EU_{101} 11 30.2 198.°87 2.°5/29.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.59	+16 11.1	1.723	2.568	14.3	20.9
11 7	4 47.46	+15 51.6	1.651	2.566	10.6	20.7
11 17	4 38.89	+15 32.2	1.602	2.565	6.4	20.5
11 27	4 28.75	+15 14.8	1.581	2.563	2.7	20.2
12 7	4 18.27	+15 1.8	1.588	2.560	4.4	20.3
12 17	4 8.68	+14 55.7	1.623	2.558	8.6	20.6
12 27	4 1.08	+14 58.5	1.684	2.555	12.6	20.8
1 6	3 56.16	+15 11.1	1.766	2.552	16.0	21.0

220678 2004 RB_{219} 11 30.2 59.°81 7.°5/ 3.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.72	+43 5.2	1.957	2.735	15.4	19.4
11 7	4 50.62	+43 43.1	1.905	2.757	12.7	19.3
11 17	4 40.71	+44 0.8	1.874	2.780	10.0	19.1
11 27	4 29.17	+43 54.2	1.869	2.803	7.9	19.1
12 7	4 17.51	+43 23.0	1.889	2.826	7.6	19.1
12 17	4 7.20	+42 31.0	1.937	2.849	9.0	19.2
12 27	3 59.42	+41 25.7	2.011	2.872	11.3	19.4
1 6	3 54.77	+40 15.2	2.108	2.895	13.7	19.6

184387 2005 LY_{43} 11 30.2 250.°81 0.°0/30.0 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.43	+25 6.6	2.014	2.848	13.0	20.2
11 7	4 46.43	+24 16.9	1.926	2.836	9.6	19.9
11 17	4 38.20	+23 17.0	1.862	2.824	5.7	19.7
11 27	4 28.58	+22 8.7	1.827	2.812	1.4	19.3
12 7	4 18.66	+20 55.8	1.822	2.800	3.0	19.4
12 17	4 9.54	+19 43.5	1.847	2.788	7.3	19.7
12 27	4 2.23	+18 37.4	1.899	2.775	11.2	19.9
1 6	3 57.37	+17 41.7	1.975	2.762	14.5	20.1

175034 2004 FH_{49} 11 30.2 170.°22 0.°2/30.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.49	+22 10.8	1.961	2.801	13.0	20.4
11 7	4 45.71	+21 53.2	1.888	2.802	9.6	20.1
11 17	4 37.76	+21 30.4	1.839	2.802	5.6	19.9
11 27	4 28.47	+21 3.5	1.817	2.803	1.4	19.6
12 7	4 18.92	+20 34.5	1.825	2.803	3.0	19.8
12 17	4 10.19	+20 6.5	1.862	2.803	7.2	20.0
12 27	4 3.26	+19 42.9	1.925	2.803	10.9	20.2
1 6	3 58.73	+19 26.3	2.012	2.803	14.1	20.5

354474 2004 CE_{102} 11 30.2 194.°06 0.°4/29.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.60	+22 48.6	2.052	2.888	12.6	20.8
11 7	4 45.68	+22 11.7	1.975	2.887	9.3	20.6
11 17	4 37.70	+21 28.2	1.923	2.886	5.5	20.4
11 27	4 28.45	+20 39.7	1.900	2.885	1.3	20.1
12 7	4 18.98	+19 49.4	1.906	2.883	3.0	20.2
12 17	4 10.33	+19 1.1	1.941	2.881	7.1	20.5
12 27	4 3.40	+18 19.0	2.005	2.879	10.7	20.7
1 6	3 58.80	+17 45.9	2.091	2.877	13.8	20.9

474875 2005 SZ_{147} 11 30.2 20.°47 0.°7/30.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.28	+22 52.7	1.140	2.007	18.4	20.9
11 7	4 47.45	+23 3.5	1.087	2.013	13.6	20.7
11 17	4 39.22	+23 8.1	1.054	2.021	8.1	20.4
11 27	4 28.87	+23 5.8	1.044	2.029	2.1	20.1
12 7	4 18.16	+22 58.1	1.059	2.039	4.1	20.2
12 17	4 8.90	+22 48.3	1.099	2.049	9.8	20.6
12 27	4 2.53	+22 40.9	1.162	2.061	14.8	20.9
1 6	3 59.79	+22 39.7	1.244	2.073	18.9	21.2

409371 2005 BQ_8 11 30.2 293.°40 5.°3/28.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.54	+ 5 17.4	2.230	3.057	12.1	20.3
11 7	4 44.06	+ 5 4.6	2.149	3.046	9.5	20.1
11 17	4 36.74	+ 5 0.4	2.093	3.035	6.9	19.9
11 27	4 28.24	+ 5 7.5	2.064	3.023	5.3	19.8
12 7	4 19.41	+ 5 27.8	2.064	3.012	6.2	19.8
12 17	4 11.13	+ 6 1.5	2.093	3.001	8.7	20.0
12 27	4 4.25	+ 6 48.0	2.148	2.990	11.5	20.1
1 6	3 59.36	+ 7 45.1	2.226	2.979	14.1	20.3

230517 2002 VC_{119} 11 30.2 41.°21 3.°9/ 1.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.23	+30 4.3	1.082	1.938	20.0	19.4
11 7	4 50.34	+30 18.4	1.043	1.960	15.1	19.2
11 17	4 40.81	+30 15.9	1.024	1.983	9.7	19.0
11 27	4 29.20	+29 54.7	1.027	2.007	4.7	18.8
12 7	4 17.61	+29 17.3	1.055	2.032	5.2	18.9
12 17	4 7.93	+28 30.3	1.108	2.057	9.9	19.2
12 27	4 1.57	+27 42.4	1.184	2.083	14.6	19.6
1 6	3 59.05	+27 0.6	1.279	2.109	18.5	19.9

173497 2000 SQ_{301} 11 30.2 17.°30 3.°6/ 1.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.66	+28 53.8	0.943	1.816	20.9	19.6
11 7	4 47.63	+29 6.4	0.895	1.822	15.8	19.3
11 17	4 39.57	+29 2.7	0.865	1.829	10.0	19.0
11 27	4 28.98	+28 40.7	0.855	1.837	4.6	18.8
12 7	4 18.03	+28 2.4	0.869	1.847	5.3	18.9
12 17	4 8.89	+27 14.7	0.905	1.858	10.8	19.2
12 27	4 3.20	+26 27.0	0.963	1.871	16.1	19.5
1 6	4 1.68	+25 46.7	1.038	1.885	20.6	19.9

237826 2002 CX_{203} 11 30.2 328.°32 1.°0/30.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.46	+23 43.7	1.336	2.195	16.8	20.6
11 7	4 46.82	+23 54.1	1.259	2.181	12.6	20.3
11 17	4 38.97	+23 58.1	1.203	2.168	7.6	20.0
11 27	4 28.87	+23 54.7	1.171	2.155	2.2	19.7
12 7	4 18.08	+23 44.8	1.165	2.144	3.9	19.7
12 17	4 8.28	+23 31.1	1.184	2.133	9.4	20.0
12 27	4 1.00	+23 18.5	1.227	2.123	14.5	20.3
1 6	3 57.19	+23 11.1	1.290	2.113	18.7	20.5

445732 2011 UT_{347} 11 30.2 16.°81 0.°0/29.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.66	+22 9.7	1.594	2.444	15.0	21.3
11 7	4 46.26	+22 4.3	1.528	2.446	11.0	21.1
11 17	4 38.27	+21 53.8	1.484	2.449	6.5	20.8
11 27	4 28.64	+21 38.7	1.466	2.452	1.6	20.5
12 7	4 18.69	+21 20.8	1.476	2.455	3.4	20.6
12 17	4 9.75	+21 3.2	1.514	2.459	8.2	20.9
12 27	4 2.97	+20 49.5	1.576	2.463	12.4	21.2
1 6	3 59.03	+20 42.4	1.661	2.467	16.0	21.4

274324 2008 RK_8 11 30.2 197.°39 0.°5/29.9 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.05	+21 24.4	2.430	3.264	11.0	21.0
11 7	4 43.58	+21 3.4	2.352	3.264	8.1	20.8
11 17	4 36.40	+20 38.6	2.300	3.262	4.7	20.6
11 27	4 28.16	+20 10.9	2.276	3.261	1.2	20.3
12 7	4 19.71	+19 42.3	2.283	3.260	2.6	20.4
12 17	4 11.90	+19 15.2	2.320	3.259	6.1	20.7
12 27	4 5.49	+18 52.3	2.384	3.257	9.3	20.9
1 6	4 1.02	+18 35.6	2.473	3.256	12.0	21.1

516569 2007 DJ_{101} 11 30.2 314.°55 2.°2/29.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.45	+17 49.8	1.312	2.175	16.8	21.4
11 7	4 46.78	+17 34.8	1.232	2.157	12.5	21.1
11 17	4 38.95	+17 18.2	1.173	2.140	7.5	20.7
11 27	4 28.89	+17 2.3	1.139	2.123	2.7	20.4
12 7	4 18.08	+16 49.7	1.130	2.106	4.9	20.5
12 17	4 8.19	+16 43.6	1.146	2.090	10.3	20.8
12 27	4 0.74	+16 47.4	1.186	2.075	15.4	21.0
1 6	3 56.68	+17 2.5	1.245	2.061	19.7	21.2

261843 2006 DD_{120} 11 30.2 197.°35 0.°1/30.1 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 50.03	+21 22.6	2.618	3.447	10.5	20.8
11 7	4 44.24	+21 22.0	2.536	3.445	7.7	20.7
11 17	4 36.77	+21 18.4	2.481	3.443	4.5	20.5
11 27	4 28.27	+21 12.2	2.455	3.440	1.1	20.2
12 7	4 19.51	+21 4.3	2.459	3.437	2.4	20.3
12 17	4 11.31	+20 56.1	2.494	3.433	5.8	20.5
12 27	4 4.43	+20 49.7	2.558	3.430	8.8	20.7
1 6	3 59.40	+20 46.9	2.646	3.426	11.4	20.9

154100 2002 DR_{16} 11 30.2 291.°12 0.°7/30.4 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 50.88	+24 5.2	2.048	2.885	12.7	20.9
11 7	4 45.33	+24 5.4	1.968	2.879	9.4	20.7
11 17	4 37.61	+23 59.9	1.911	2.873	5.6	20.5
11 27	4 28.50	+23 48.7	1.883	2.867	1.6	20.2
12 7	4 19.03	+23 32.8	1.883	2.861	2.9	20.3
12 17	4 10.29	+23 14.6	1.913	2.856	6.9	20.5
12 27	4 3.26	+22 57.1	1.969	2.850	10.6	20.7
1 6	3 58.60	+22 43.6	2.049	2.845	13.7	20.9

486147 2012 XA_{43} 11 30.2 37.°08 0.°6/30.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.76	+24 28.6	1.453	2.304	16.1	20.6
11 7	4 47.22	+24 15.4	1.393	2.311	11.9	20.4
11 17	4 38.87	+23 53.8	1.354	2.319	7.1	20.1
11 27	4 28.81	+23 24.3	1.342	2.327	1.9	19.8
12 7	4 18.49	+22 49.7	1.356	2.335	3.5	19.9
12 17	4 9.39	+22 14.3	1.397	2.344	8.5	20.3
12 27	4 2.70	+21 43.1	1.463	2.353	13.0	20.5
1 6	3 59.08	+21 20.1	1.551	2.362	16.7	20.8

230745 2003 WM_{57} 11 30.2 30.°51 0.°3/30.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.39	+23 52.4	2.077	2.916	12.4	20.4
11 7	4 44.09	+23 37.3	2.007	2.920	9.2	20.2
11 17	4 36.79	+23 16.2	1.962	2.925	5.4	19.9
11 27	4 28.29	+22 49.8	1.944	2.929	1.4	19.7
12 7	4 19.59	+22 20.2	1.956	2.935	2.7	19.8
12 17	4 11.68	+21 50.2	1.997	2.940	6.6	20.0
12 27	4 5.44	+21 23.2	2.065	2.946	10.2	20.3
1 6	4 1.43	+21 2.0	2.156	2.951	13.2	20.5

161061 2002 JN_{99} 11 30.2 173.°52 6.°6/27.8 18 R

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.76	+ 3 12.0	2.134	2.955	12.8	20.3
11 7	4 45.61	+ 2 26.0	2.069	2.957	10.2	20.1
11 17	4 37.61	+ 1 49.3	2.028	2.960	7.8	19.9
11 27	4 28.49	+ 1 26.2	2.015	2.961	6.6	19.9
12 7	4 19.17	+ 1 19.7	2.030	2.962	7.5	19.9
12 17	4 10.57	+ 1 30.8	2.074	2.963	9.7	20.1
12 27	4 3.51	+ 1 58.9	2.142	2.963	12.3	20.3
1 6	3 58.54	+ 2 41.6	2.232	2.963	14.7	20.4

420858 2013 JM_{63} 11 30.2 44.°81 9.°5/28.3 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 50.36	− 4 49.3	1.840	2.649	15.0	20.2
11 7	4 44.63	− 5 25.8	1.802	2.669	12.6	20.1
11 17	4 36.99	− 5 43.6	1.786	2.689	10.5	20.0
11 27	4 28.32	− 5 38.1	1.794	2.710	9.5	20.0
12 7	4 19.61	− 5 8.0	1.828	2.731	10.1	20.0
12 17	4 11.85	− 4 14.4	1.887	2.753	11.8	20.2
12 27	4 5.83	− 3 1.2	1.970	2.775	13.9	20.4
1 6	4 2.04	− 1 33.5	2.074	2.797	15.9	20.6

227323 2005 TA_{123} 11 30.2 275.°33 5.°7/27.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.64	+11 21.1	1.584	2.434	15.1	20.3
11 7	4 46.29	+10 5.1	1.504	2.418	11.5	20.0
11 17	4 38.37	+ 8 50.0	1.447	2.402	7.9	19.8
11 27	4 28.73	+ 7 41.9	1.416	2.386	5.8	19.6
12 7	4 18.60	+ 6 47.3	1.413	2.369	7.4	19.7
12 17	4 9.29	+ 6 11.1	1.436	2.352	11.2	19.8
12 27	4 1.98	+ 5 56.0	1.482	2.335	15.1	20.0
1 6	3 57.45	+ 6 1.6	1.549	2.319	18.6	20.2

71143 1999 XR_{181} 11 30.2 88.°80 4.°9/ 1.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 0.14	+32 57.6	1.823	2.634	15.1	17.8
11 7	4 52.39	+33 55.6	1.768	2.656	11.7	17.7
11 17	4 41.83	+34 41.1	1.737	2.678	8.1	17.5
11 27	4 29.54	+35 9.4	1.733	2.699	5.3	17.4
12 7	4 16.98	+35 19.2	1.757	2.720	5.4	17.4
12 17	4 5.61	+35 12.5	1.810	2.741	8.2	17.7
12 27	3 56.68	+34 54.5	1.890	2.761	11.4	17.9
1 6	3 50.86	+34 31.8	1.992	2.781	14.3	18.1

480212 2015 GW_{19} 11 30.2 95.°93 0.°3/30.1 16

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.76	+21 17.4	1.615	2.456	15.3	21.5
11 7	4 49.73	+21 12.3	1.562	2.476	11.2	21.3
11 17	4 40.15	+21 2.8	1.533	2.496	6.5	21.1
11 27	4 29.11	+20 49.4	1.530	2.515	1.6	20.8
12 7	4 17.97	+20 34.0	1.556	2.534	3.4	21.0
12 17	4 8.05	+20 19.4	1.611	2.553	8.1	21.3
12 27	4 0.44	+20 9.0	1.692	2.571	12.1	21.6
1 6	3 55.72	+20 5.2	1.795	2.589	15.5	21.9

4897 Tomhamilton 11 30.2 119.°87 4.°0/28.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 48.60	+10 23.4	2.411	3.245	11.1	17.2
11 7	4 43.11	+ 9 35.6	2.349	3.255	8.4	17.0
11 17	4 36.06	+ 8 51.2	2.313	3.264	5.7	16.8
11 27	4 28.11	+ 8 13.4	2.306	3.273	4.0	16.8
12 7	4 20.04	+ 7 44.9	2.328	3.282	5.1	16.8
12 17	4 12.64	+ 7 27.8	2.379	3.291	7.6	17.0
12 27	4 6.58	+ 7 23.0	2.457	3.300	10.2	17.2
1 6	4 2.33	+ 7 30.1	2.558	3.308	12.5	17.4

294075 2007 TN_{180} 11 30.2 124.°07 1.°5/29.7 16

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.95	+19 37.9	1.503	2.347	16.0	21.8
11 7	4 50.77	+19 11.5	1.446	2.362	11.8	21.6
11 17	4 40.84	+18 41.3	1.412	2.376	6.9	21.3
11 27	4 29.30	+18 9.2	1.405	2.389	2.1	21.1
12 7	4 17.61	+17 38.4	1.426	2.402	4.1	21.2
12 17	4 7.22	+17 12.8	1.475	2.415	8.9	21.6
12 27	3 59.29	+16 55.8	1.550	2.426	13.2	21.8
1 6	3 54.43	+16 49.6	1.646	2.437	16.8	22.1

449485 2014 FX_3 11 30.2 113.°33 4.°7/ 1.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.43	+33 45.9	2.028	2.832	14.0	21.7
11 7	4 51.73	+34 36.7	1.966	2.849	10.9	21.5
11 17	4 41.41	+35 15.4	1.928	2.866	7.7	21.4
11 27	4 29.47	+35 37.9	1.918	2.882	5.1	21.2
12 7	4 17.22	+35 43.0	1.937	2.898	5.2	21.3
12 17	4 6.01	+35 32.5	1.985	2.914	7.8	21.5
12 27	3 57.00	+35 11.4	2.060	2.929	10.8	21.7
1 6	3 50.88	+34 45.6	2.159	2.943	13.5	21.9

416761 2005 EL_{200} 11 30.2 295.°56 4.°6/ 2.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.61	+38 34.2	2.282	3.073	13.0	20.3
11 7	4 47.43	+38 10.2	2.178	3.050	10.5	20.1
11 17	4 38.89	+37 28.1	2.096	3.027	7.6	19.9
11 27	4 28.86	+36 26.1	2.043	3.004	5.1	19.7
12 7	4 18.48	+35 5.3	2.018	2.981	4.8	19.6
12 17	4 8.94	+33 30.2	2.023	2.958	7.2	19.7
12 27	4 1.30	+31 48.0	2.058	2.935	10.4	19.9
1 6	3 56.22	+30 6.4	2.117	2.912	13.4	20.0

110524 2001 TL_{83} 11 30.2 261.°12 4.°2/28.0 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.75	+12 59.7	2.030	2.871	12.5	19.6
11 7	4 44.37	+11 48.6	1.950	2.861	9.4	19.4
11 17	4 37.00	+10 37.1	1.895	2.851	6.2	19.1
11 27	4 28.39	+ 9 29.8	1.868	2.840	4.2	19.0
12 7	4 19.48	+ 8 31.7	1.871	2.830	5.7	19.1
12 17	4 11.27	+ 7 46.8	1.902	2.819	8.9	19.2
12 27	4 4.65	+ 7 17.6	1.959	2.808	12.2	19.4
1 6	4 0.20	+ 7 4.7	2.038	2.797	15.1	19.6

137402 1999 TS_{177} 11 30.2 47.°96 3.°9/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.20	+28 0.1	1.102	1.956	19.9	19.6
11 7	4 52.59	+28 51.1	1.064	1.980	15.0	19.3
11 17	4 42.23	+29 29.5	1.045	2.004	9.5	19.1
11 27	4 29.66	+29 50.8	1.050	2.029	4.7	18.9
12 7	4 16.99	+29 54.2	1.079	2.055	5.4	19.1
12 17	4 6.21	+29 43.6	1.134	2.080	10.1	19.4
12 27	3 58.82	+29 26.3	1.212	2.107	14.7	19.8
1 6	3 55.44	+29 9.1	1.309	2.133	18.5	20.1

469807 2005 SV_{80} 11 30.2 24.°56 0.°3/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.76	+22 34.6	1.036	1.910	19.3	20.3
11 7	4 47.18	+22 37.5	0.991	1.921	14.2	20.0
11 17	4 39.11	+22 33.7	0.966	1.934	8.4	19.7
11 27	4 28.92	+22 23.5	0.963	1.948	2.1	19.4
12 7	4 18.51	+22 9.2	0.984	1.964	4.2	19.6
12 17	4 9.72	+21 54.7	1.030	1.981	10.1	20.0
12 27	4 3.98	+21 44.9	1.097	1.999	15.2	20.3
1 6	4 1.93	+21 43.0	1.183	2.018	19.3	20.7

200207 1999 TP_{87} 11 30.2 259.°52 1.°7/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.93	+18 10.9	1.829	2.673	13.6	21.0
11 7	4 46.26	+17 50.9	1.749	2.665	10.1	20.8
11 17	4 38.25	+17 28.8	1.693	2.657	6.0	20.5
11 27	4 28.72	+17 6.5	1.665	2.648	2.1	20.3
12 7	4 18.79	+16 46.2	1.665	2.640	3.8	20.4
12 17	4 9.64	+16 30.7	1.693	2.631	8.1	20.6
12 27	4 2.33	+16 22.7	1.748	2.623	12.0	20.8
1 6	3 57.57	+16 23.8	1.825	2.614	15.4	21.0

84097 2002 RY_1 11 30.2 22.°93 1.°9/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.76	+27 0.2	1.452	2.301	16.2	19.3
11 7	4 46.58	+26 57.6	1.391	2.308	12.1	19.1
11 17	4 38.56	+26 44.4	1.353	2.315	7.4	18.8
11 27	4 28.79	+26 20.2	1.339	2.322	2.8	18.6
12 7	4 18.74	+25 47.1	1.353	2.331	3.7	18.6
12 17	4 9.90	+25 9.5	1.392	2.340	8.4	18.9
12 27	4 3.49	+24 33.0	1.457	2.350	12.8	19.2
1 6	4 0.18	+24 2.5	1.543	2.360	16.5	19.5

229862 2009 TY_{17} 11 30.2 43.°80 6.°2/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.57	+ 3 18.9	2.005	2.832	13.3	19.2
11 7	4 44.82	+ 3 7.2	1.947	2.840	10.4	19.1
11 17	4 37.19	+ 3 6.7	1.912	2.849	7.7	18.9
11 27	4 28.42	+ 3 20.5	1.904	2.858	6.2	18.9
12 7	4 19.48	+ 3 49.7	1.924	2.867	7.0	18.9
12 17	4 11.32	+ 4 34.0	1.972	2.877	9.3	19.1
12 27	4 4.75	+ 5 31.5	2.046	2.886	12.1	19.3
1 6	4 0.34	+ 6 39.3	2.142	2.896	14.6	19.5

171642 2000 EK_{157} 11 30.2 286.°14 2.°6/29.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.51	+13 56.4	1.850	2.690	13.7	19.7
11 7	4 47.59	+14 7.4	1.757	2.669	10.2	19.4
11 17	4 39.17	+14 22.4	1.687	2.648	6.3	19.1
11 27	4 28.99	+14 42.5	1.645	2.626	2.8	18.9
12 7	4 18.15	+15 8.2	1.632	2.604	4.3	18.9
12 17	4 7.88	+15 40.1	1.647	2.583	8.5	19.1
12 27	3 59.36	+16 18.3	1.689	2.561	12.6	19.3
1 6	3 53.44	+17 3.0	1.754	2.539	16.1	19.5

146651 2001 UD_{94} 11 30.2 51.°80 3.°5/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.16	+12 46.1	1.595	2.443	15.1	19.3
11 7	4 46.97	+12 38.3	1.552	2.467	11.1	19.1
11 17	4 38.49	+12 35.0	1.532	2.492	6.9	18.9
11 27	4 28.73	+12 38.2	1.538	2.516	3.7	18.8
12 7	4 18.93	+12 49.2	1.572	2.542	5.0	18.9
12 17	4 10.27	+13 8.8	1.634	2.567	8.8	19.2
12 27	4 3.72	+13 36.9	1.721	2.592	12.4	19.5
1 6	3 59.80	+14 12.9	1.830	2.618	15.4	19.8

248837 2006 SH_{393} 11 30.2 64.°90 1.°3/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.38	+24 7.7	1.734	2.570	14.6	20.8
11 7	4 49.37	+24 36.0	1.687	2.597	10.8	20.6
11 17	4 39.93	+24 58.4	1.663	2.624	6.4	20.4
11 27	4 29.10	+25 13.4	1.667	2.651	2.1	20.2
12 7	4 18.18	+25 21.1	1.700	2.678	3.2	20.3
12 17	4 8.43	+25 23.3	1.762	2.705	7.4	20.6
12 27	4 0.89	+25 23.2	1.851	2.732	11.1	20.9
1 6	3 56.14	+25 24.1	1.962	2.759	14.2	21.2

471047 2009 UV_{50} 11 30.2 41.°44 3.°6/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.81	+27 34.1	1.215	2.067	18.6	20.3
11 7	4 50.80	+28 20.7	1.164	2.080	14.0	20.0
11 17	4 41.25	+28 57.0	1.134	2.094	8.9	19.8
11 27	4 29.49	+29 18.7	1.128	2.108	4.3	19.6
12 7	4 17.37	+29 24.8	1.147	2.123	5.0	19.7
12 17	4 6.79	+29 18.1	1.192	2.138	9.7	20.0
12 27	3 59.28	+29 4.7	1.260	2.154	14.3	20.3
1 6	3 55.57	+28 51.1	1.349	2.171	18.2	20.6

138486 2000 KH_{11} 11 30.2 165.°37 0.°3/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.78	+22 22.2	2.113	2.948	12.4	20.5
11 7	4 45.81	+22 0.1	2.039	2.950	9.1	20.3
11 17	4 37.82	+21 32.6	1.990	2.953	5.3	20.1
11 27	4 28.60	+21 1.0	1.969	2.954	1.3	19.8
12 7	4 19.17	+20 27.4	1.978	2.956	2.9	19.9
12 17	4 10.52	+19 54.9	2.017	2.958	6.8	20.2
12 27	4 3.55	+19 26.9	2.083	2.959	10.4	20.4
1 6	3 58.84	+19 5.9	2.173	2.960	13.4	20.6

328459 2008 UH_{106} 11 30.2 135.°89 4.°3/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.67	+ 9 52.9	2.433	3.268	11.0	20.8
11 7	4 42.47	+ 8 51.6	2.366	3.271	8.3	20.6
11 17	4 35.73	+ 7 53.5	2.325	3.274	5.8	20.5
11 27	4 28.08	+ 7 2.1	2.313	3.277	4.4	20.4
12 7	4 20.28	+ 6 21.0	2.330	3.280	5.4	20.5
12 17	4 13.10	+ 5 52.6	2.376	3.283	7.8	20.6
12 27	4 7.23	+ 5 38.1	2.448	3.285	10.4	20.8
1 6	4 3.12	+ 5 37.2	2.543	3.288	12.8	21.0

512209 2015 TY_{151} 11 30.2 154.°43 2.°3/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.82	+28 56.6	2.210	3.028	12.5	21.9
11 7	4 48.08	+29 8.6	2.137	3.035	9.4	21.7
11 17	4 39.18	+29 11.9	2.088	3.041	6.0	21.5
11 27	4 28.94	+29 5.1	2.068	3.047	2.9	21.3
12 7	4 18.45	+28 48.6	2.078	3.052	3.3	21.3
12 17	4 8.79	+28 24.8	2.118	3.057	6.6	21.6
12 27	4 0.92	+27 57.6	2.185	3.061	9.9	21.8
1 6	3 55.45	+27 31.1	2.277	3.065	12.8	22.0

337549 2001 SL_{256} 11 30.2 63.°37 0.°9/29.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.46	+20 40.4	1.370	2.224	16.8	20.5
11 7	4 49.06	+20 22.5	1.325	2.245	12.2	20.3
11 17	4 39.87	+20 0.3	1.301	2.266	7.1	20.1
11 27	4 29.09	+19 35.4	1.303	2.288	1.9	19.8
12 7	4 18.28	+19 10.7	1.332	2.309	3.9	20.0
12 17	4 8.88	+18 49.8	1.387	2.331	8.9	20.4
12 27	4 2.03	+18 36.4	1.468	2.353	13.3	20.7
1 6	3 58.30	+18 32.4	1.569	2.374	16.8	21.0

191466 2003 SB_{273} 11 30.2 99.°01 3.°4/ 1.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.75	+32 46.3	2.386	3.195	12.0	20.1
11 7	4 46.45	+33 1.6	2.319	3.207	9.2	20.0
11 17	4 38.16	+33 6.2	2.277	3.220	6.3	19.8
11 27	4 28.69	+32 58.6	2.262	3.232	3.8	19.7
12 7	4 19.03	+32 39.2	2.277	3.245	3.9	19.7
12 17	4 10.19	+32 10.4	2.321	3.257	6.4	19.9
12 27	4 3.04	+31 36.2	2.394	3.269	9.2	20.1
1 6	3 58.15	+31 1.0	2.491	3.281	11.8	20.3

486659 2013 QK_{43} 11 30.2 208.°11 0.°4/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.30	+21 2.8	2.953	3.779	9.5	22.5
11 7	4 43.57	+20 48.9	2.865	3.772	7.0	22.3
11 17	4 36.37	+20 32.1	2.804	3.765	4.1	22.1
11 27	4 28.25	+20 12.9	2.773	3.758	1.0	21.8
12 7	4 19.91	+19 52.7	2.773	3.750	2.3	21.9
12 17	4 12.06	+19 33.1	2.805	3.742	5.3	22.1
12 27	4 5.35	+19 16.3	2.865	3.733	8.1	22.3
1 6	4 0.28	+19 4.0	2.951	3.724	10.5	22.5

2215 Sichuan 11 30.2 12.°79 0.°5/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.59	+17 39.2	1.205	2.073	17.6	14.6
11 7	4 46.83	+18 29.9	1.152	2.079	13.0	14.4
11 17	4 38.90	+19 23.6	1.120	2.087	7.6	14.1
11 27	4 28.93	+20 18.1	1.112	2.097	1.9	13.8
12 7	4 18.53	+21 11.3	1.129	2.109	4.0	14.0
12 17	4 9.38	+22 1.9	1.172	2.122	9.4	14.3
12 27	4 2.89	+22 50.5	1.239	2.136	14.2	14.6
1 6	3 59.82	+23 38.1	1.326	2.152	18.2	14.9

221481 2006 BN_{252} 11 30.2 23.°66 1.°4/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.64	+18 37.8	2.015	2.858	12.6	20.8
11 7	4 44.31	+18 19.6	1.944	2.860	9.2	20.6
11 17	4 36.98	+17 59.6	1.899	2.862	5.4	20.4
11 27	4 28.42	+17 39.2	1.880	2.864	1.8	20.2
12 7	4 19.61	+17 20.6	1.891	2.867	3.4	20.3
12 17	4 11.57	+17 6.0	1.931	2.870	7.2	20.5
12 27	4 5.18	+16 57.8	1.997	2.872	10.7	20.8
1 6	4 1.02	+16 57.3	2.087	2.875	13.8	21.0

169700 2002 LK_{27} 11 30.2 76.°99 7.°1/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.62	+ 2 18.0	1.771	2.594	14.9	19.7
11 7	4 47.74	+ 1 52.4	1.732	2.622	11.7	19.6
11 17	4 38.83	+ 1 40.2	1.716	2.649	8.8	19.5
11 27	4 28.83	+ 1 44.8	1.727	2.676	7.2	19.4
12 7	4 18.86	+ 2 7.7	1.765	2.703	7.9	19.6
12 17	4 9.96	+ 2 48.1	1.831	2.729	10.3	19.8
12 27	4 3.00	+ 3 43.4	1.922	2.755	13.0	20.0
1 6	3 58.46	+ 4 50.1	2.034	2.780	15.5	20.2

418660 2008 TF_{105} 11 30.2 197.°31 4.°8/ 2.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.13	+37 8.1	2.617	3.405	11.6	21.5
11 7	4 47.62	+37 51.7	2.536	3.404	9.3	21.3
11 17	4 38.98	+38 24.0	2.478	3.402	6.9	21.1
11 27	4 28.94	+38 41.9	2.448	3.401	5.1	21.0
12 7	4 18.48	+38 44.2	2.448	3.399	5.1	21.0
12 17	4 8.68	+38 32.0	2.477	3.397	6.9	21.1
12 27	4 0.50	+38 8.9	2.533	3.395	9.3	21.3
1 6	3 54.61	+37 39.7	2.614	3.392	11.6	21.4

445984 2013 BB_{55} 11 30.2 328.°26 4.°9/ 1.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.68	+33 14.5	1.516	2.350	16.5	21.3
11 7	4 47.66	+33 34.6	1.437	2.338	12.9	21.1
11 17	4 39.46	+33 39.5	1.378	2.327	8.9	20.8
11 27	4 29.11	+33 25.6	1.344	2.317	5.5	20.6
12 7	4 18.14	+32 52.7	1.336	2.307	5.6	20.6
12 17	4 8.22	+32 4.4	1.354	2.297	9.2	20.8
12 27	4 0.84	+31 8.2	1.397	2.288	13.4	21.0
1 6	3 56.87	+30 12.2	1.461	2.280	17.1	21.2

395292 2011 DD_{19} 11 30.2 353.°81 25.°1/17.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.45	−18 10.5	0.875	1.694	26.7	19.8
11 7	4 45.05	−21 40.0	0.853	1.689	25.6	19.7
11 17	4 38.03	−24 21.0	0.844	1.686	25.1	19.6
11 27	4 28.74	−25 55.5	0.849	1.683	25.5	19.6
12 7	4 19.08	−26 15.2	0.867	1.682	26.5	19.7
12 17	4 10.94	−25 22.2	0.896	1.682	27.9	19.8
12 27	4 5.83	−23 27.1	0.936	1.683	29.5	20.0
1 6	4 4.49	−20 45.6	0.984	1.685	31.1	20.1

331699 2002 RT_{45} 11 30.2 37.°58 0.°7/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.47	+23 2.9	0.923	1.797	21.1	19.3
11 7	4 50.55	+23 13.2	0.897	1.826	15.4	19.1
11 17	4 40.94	+23 15.5	0.889	1.857	9.0	18.9
11 27	4 29.36	+23 9.6	0.903	1.889	2.4	18.6
12 7	4 17.99	+22 57.8	0.942	1.922	4.4	18.9
12 17	4 8.73	+22 44.5	1.004	1.955	10.3	19.3
12 27	4 2.90	+22 35.0	1.088	1.990	15.3	19.7
1 6	4 0.95	+22 32.6	1.190	2.024	19.3	20.1

213920 2003 UB_{185} 11 30.2 59.°12 1.°7/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.95	+19 3.2	1.140	2.001	18.9	19.7
11 7	4 51.12	+18 46.8	1.104	2.028	13.8	19.4
11 17	4 41.12	+18 28.0	1.090	2.056	8.0	19.2
11 27	4 29.41	+18 8.7	1.099	2.084	2.4	19.0
12 7	4 17.82	+17 52.0	1.135	2.112	4.6	19.2
12 17	4 7.99	+17 41.3	1.196	2.141	9.9	19.6
12 27	4 1.15	+17 39.5	1.281	2.169	14.6	19.9
1 6	3 57.81	+17 47.7	1.386	2.197	18.3	20.3

210640 2000 GW_{61} 11 30.2 133.°61 0.°7/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.39	+20 23.8	2.345	3.175	11.5	21.7
11 7	4 45.99	+20 7.0	2.279	3.188	8.4	21.5
11 17	4 37.82	+19 46.9	2.239	3.201	4.9	21.3
11 27	4 28.63	+19 24.9	2.229	3.213	1.3	21.1
12 7	4 19.30	+19 2.6	2.249	3.225	2.8	21.2
12 17	4 10.73	+18 42.2	2.299	3.236	6.3	21.4
12 27	4 3.71	+18 26.2	2.377	3.247	9.5	21.7
1 6	3 58.73	+18 16.3	2.480	3.257	12.2	21.9

484011 2006 DB_{49} 11 30.2 337.°16 8.°9/26.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.27	− 1 1.5	1.918	2.743	13.9	20.7
11 7	4 42.61	− 2 11.2	1.855	2.736	11.5	20.5
11 17	4 36.01	− 3 8.1	1.814	2.730	9.6	20.4
11 27	4 28.21	− 3 45.9	1.799	2.724	8.9	20.4
12 7	4 20.14	− 4 0.5	1.809	2.719	9.8	20.4
12 17	4 12.76	− 3 50.3	1.844	2.714	11.8	20.5
12 27	4 6.95	− 3 16.7	1.902	2.709	14.2	20.7
1 6	4 3.27	− 2 23.2	1.980	2.705	16.5	20.8

84165 2002 RM_{94} 11 30.2 320.°96 5.°0/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.10	+12 40.4	1.374	2.232	16.4	19.2
11 7	4 46.88	+11 51.7	1.307	2.227	12.4	19.0
11 17	4 38.83	+11 5.7	1.262	2.222	8.1	18.7
11 27	4 28.95	+10 27.3	1.242	2.217	5.1	18.5
12 7	4 18.64	+10 1.5	1.248	2.213	6.7	18.6
12 17	4 9.38	+ 9 51.6	1.279	2.209	11.0	18.8
12 27	4 2.42	+ 9 59.3	1.334	2.205	15.3	19.1
1 6	3 58.54	+10 23.5	1.408	2.202	19.0	19.3

112028 2002 HZ_{6} 11 30.2 183.°86 5.°8/ 1.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.40	+35 12.3	1.643	2.454	16.4	20.4
11 7	4 53.20	+35 53.0	1.569	2.455	13.0	20.2
11 17	4 42.67	+36 18.2	1.517	2.455	9.3	20.0
11 27	4 29.92	+36 22.8	1.490	2.455	6.3	19.8
12 7	4 16.61	+36 5.1	1.491	2.454	6.3	19.8
12 17	4 4.50	+35 28.2	1.520	2.452	9.3	20.0
12 27	3 55.10	+34 39.4	1.574	2.450	13.0	20.2
1 6	3 49.26	+33 47.4	1.650	2.448	16.4	20.4

133603 2003 UZ_{94} 11 30.2 126.°29 1.°1/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.07	+20 3.3	1.890	2.730	13.4	20.8
11 7	4 46.88	+19 37.5	1.825	2.738	9.8	20.6
11 17	4 38.51	+19 8.0	1.783	2.747	5.8	20.4
11 27	4 28.83	+18 36.5	1.770	2.755	1.7	20.2
12 7	4 18.97	+18 5.8	1.786	2.762	3.4	20.3
12 17	4 10.03	+17 38.7	1.831	2.770	7.5	20.6
12 27	4 2.96	+17 18.6	1.903	2.777	11.2	20.8
1 6	3 58.35	+17 7.2	1.997	2.783	14.4	21.0

156258 2001 VE_{15} 11 30.2 325.°16 4.°1/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.97	+28 59.8	1.512	2.348	16.4	19.6
11 7	4 50.81	+29 56.8	1.438	2.344	12.6	19.4
11 17	4 41.37	+30 45.4	1.387	2.340	8.3	19.1
11 27	4 29.64	+31 20.6	1.361	2.337	4.6	18.9
12 7	4 17.19	+31 39.8	1.362	2.334	5.2	18.9
12 17	4 5.77	+31 43.8	1.390	2.331	9.2	19.2
12 27	3 56.92	+31 37.6	1.443	2.328	13.4	19.4
1 6	3 51.58	+31 27.4	1.517	2.325	17.2	19.6

412953 2014 QR_{245} 11 30.2 143.°61 2.°3/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.84	+14 16.9	2.276	3.111	11.6	20.7
11 7	4 44.98	+14 11.5	2.205	3.115	8.6	20.5
11 17	4 37.32	+14 8.1	2.159	3.118	5.3	20.3
11 27	4 28.55	+14 8.0	2.142	3.122	2.5	20.1
12 7	4 19.55	+14 12.3	2.155	3.125	3.7	20.2
12 17	4 11.22	+14 22.2	2.197	3.128	6.9	20.4
12 27	4 4.34	+14 38.5	2.267	3.131	10.1	20.6
1 6	3 59.49	+15 1.4	2.361	3.134	12.8	20.8

49815 1999 XK_{56} 11 30.2 239.°06 0.°5/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.48	+20 21.8	1.565	2.411	15.4	19.3
11 7	4 49.32	+20 25.8	1.489	2.405	11.4	19.1
11 17	4 40.29	+20 27.0	1.435	2.400	6.8	18.8
11 27	4 29.35	+20 25.3	1.408	2.393	1.7	18.5
12 7	4 17.87	+20 21.8	1.409	2.387	3.7	18.6
12 17	4 7.34	+20 18.7	1.438	2.381	8.7	18.9
12 27	3 59.07	+20 19.1	1.492	2.374	13.2	19.1
1 6	3 53.88	+20 25.6	1.567	2.367	17.1	19.4

280084 2002 CZ_{295} 11 30.2 76.°76 5.°2/ 2.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.68	+35 19.4	1.640	2.452	16.4	19.8
11 7	4 52.15	+35 42.9	1.591	2.478	12.8	19.6
11 17	4 41.72	+35 49.1	1.565	2.504	8.9	19.5
11 27	4 29.62	+35 35.0	1.564	2.530	5.8	19.3
12 7	4 17.50	+35 1.4	1.591	2.556	5.7	19.4
12 17	4 6.87	+34 13.1	1.646	2.581	8.5	19.6
12 27	3 58.94	+33 17.6	1.726	2.606	11.9	19.9
1 6	3 54.27	+32 22.5	1.829	2.630	15.0	20.1

248768 2006 RA_{92} 11 30.2 87.°08 2.°5/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.32	+28 39.2	1.886	2.714	13.9	20.9
11 7	4 47.97	+28 50.3	1.822	2.726	10.5	20.7
11 17	4 39.23	+28 51.8	1.782	2.738	6.6	20.5
11 27	4 29.04	+28 42.3	1.770	2.749	3.1	20.3
12 7	4 18.63	+28 22.7	1.786	2.761	3.6	20.4
12 17	4 9.23	+27 55.9	1.831	2.773	7.2	20.7
12 27	4 1.88	+27 26.4	1.902	2.785	10.8	20.9
1 6	3 57.20	+26 58.7	1.997	2.796	13.9	21.1

454001 2012 DT_{5} 11 30.2 318.°61 0.°8/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.74	+19 24.8	1.805	2.651	13.6	21.7
11 7	4 45.53	+19 26.5	1.724	2.641	10.1	21.4
11 17	4 37.94	+19 26.4	1.666	2.630	6.0	21.2
11 27	4 28.76	+19 25.2	1.635	2.620	1.6	20.9
12 7	4 19.12	+19 24.0	1.633	2.610	3.4	21.0
12 17	4 10.20	+19 24.6	1.658	2.601	7.8	21.2
12 27	4 3.12	+19 29.2	1.710	2.592	11.9	21.5
1 6	3 58.60	+19 39.6	1.784	2.583	15.3	21.7

325414 2009 KX_{7} 11 30.2 113.°26 0.°2/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.67	+22 15.2	1.558	2.398	15.8	21.3
11 7	4 51.36	+22 20.0	1.502	2.415	11.6	21.1
11 17	4 41.28	+22 19.6	1.468	2.431	6.8	20.9
11 27	4 29.54	+22 13.7	1.462	2.447	1.7	20.6
12 7	4 17.63	+22 3.5	1.484	2.462	3.5	20.7
12 17	4 6.97	+21 51.8	1.534	2.477	8.3	21.1
12 27	3 58.77	+21 42.3	1.610	2.491	12.5	21.4
1 6	3 53.66	+21 38.3	1.708	2.504	16.0	21.6

230246 2001 UO_{191} 11 30.2 338.°87 4.°5/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.51	+29 55.0	1.334	2.179	17.6	20.1
11 7	4 49.33	+30 39.7	1.262	2.172	13.6	19.9
11 17	4 40.63	+31 13.3	1.211	2.166	9.0	19.6
11 27	4 29.49	+31 31.1	1.183	2.160	5.1	19.4
12 7	4 17.60	+31 31.3	1.182	2.155	5.5	19.4
12 17	4 6.86	+31 15.9	1.205	2.150	9.8	19.6
12 27	3 58.94	+30 51.5	1.253	2.146	14.4	19.9
1 6	3 54.77	+30 25.2	1.320	2.143	18.4	20.1

450201 2002 JC_{116} 11 30.2 177.°58 0.°2/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.82	+24 33.2	2.422	3.244	11.4	22.3
11 7	4 47.09	+24 1.6	2.343	3.247	8.4	22.1
11 17	4 38.52	+23 22.9	2.289	3.249	5.0	21.9
11 27	4 28.86	+22 38.2	2.265	3.250	1.3	21.6
12 7	4 19.01	+21 49.8	2.273	3.250	2.5	21.7
12 17	4 9.92	+21 1.1	2.311	3.250	6.2	22.0
12 27	4 2.39	+20 15.9	2.379	3.249	9.4	22.2
1 6	3 56.96	+19 37.4	2.471	3.247	12.2	22.4

420084 2011 EX_{49} 11 30.2 313.°21 6.°5/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.13	+ 3 28.4	2.117	2.946	12.6	20.8
11 7	4 43.14	+ 2 49.6	2.044	2.937	10.0	20.6
11 17	4 36.32	+ 2 20.1	1.994	2.928	7.7	20.5
11 27	4 28.34	+ 2 4.0	1.971	2.920	6.5	20.4
12 7	4 20.06	+ 2 4.1	1.975	2.911	7.4	20.4
12 17	4 12.39	+ 2 21.6	2.007	2.903	9.7	20.6
12 27	4 6.15	+ 2 56.0	2.064	2.895	12.3	20.7
1 6	4 1.93	+ 3 44.7	2.142	2.887	14.8	20.9

175327 2005 NK_{6} 11 30.2 166.°95 0.°4/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.26	+24 13.6	2.170	3.001	12.3	20.9
11 7	4 46.18	+23 58.7	2.095	3.004	9.0	20.7
11 17	4 38.09	+23 37.5	2.045	3.006	5.4	20.5
11 27	4 28.76	+23 10.5	2.024	3.008	1.4	20.2
12 7	4 19.20	+22 39.5	2.032	3.010	2.7	20.3
12 17	4 10.42	+22 7.3	2.070	3.012	6.6	20.6
12 27	4 3.32	+21 37.6	2.136	3.013	10.1	20.8
1 6	3 58.47	+21 13.3	2.225	3.013	13.0	21.0

266570 2008 GG_{129} 11 30.2 181.°48 0.°8/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.84	+20 6.5	1.899	2.734	13.6	22.0
11 7	4 49.04	+19 56.1	1.824	2.735	10.0	21.7
11 17	4 39.87	+19 42.5	1.774	2.736	5.9	21.5
11 27	4 29.22	+19 26.3	1.751	2.736	1.6	21.2
12 7	4 18.24	+19 9.3	1.758	2.735	3.3	21.3
12 17	4 8.13	+18 53.9	1.795	2.734	7.6	21.6
12 27	3 59.94	+18 43.3	1.859	2.732	11.5	21.8
1 6	3 54.35	+18 39.5	1.945	2.729	14.8	22.1

129522 1995 XY_{3} 11 30.2 135.°17 2.°0/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.93	+16 53.0	1.859	2.701	13.5	20.5
11 7	4 46.85	+16 36.8	1.792	2.706	10.0	20.3
11 17	4 38.55	+16 20.3	1.749	2.711	6.0	20.0
11 27	4 28.89	+16 5.1	1.733	2.716	2.3	19.8
12 7	4 18.97	+15 53.3	1.747	2.720	3.9	19.9
12 17	4 9.93	+15 46.9	1.789	2.725	7.9	20.2
12 27	4 2.73	+15 47.9	1.857	2.729	11.6	20.4
1 6	3 58.00	+15 57.3	1.948	2.733	14.8	20.7

484533 2008 FF_{38} 11 30.2 143.°07 4.°5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.56	+ 9 6.7	2.322	3.154	11.5	21.9
11 7	4 43.92	+ 8 20.1	2.258	3.161	8.8	21.8
11 17	4 36.65	+ 7 37.8	2.219	3.167	6.1	21.6
11 27	4 28.40	+ 7 3.4	2.208	3.173	4.5	21.5
12 7	4 20.00	+ 6 39.5	2.227	3.179	5.5	21.6
12 17	4 12.27	+ 6 28.2	2.275	3.184	8.0	21.8
12 27	4 5.94	+ 6 30.0	2.349	3.189	10.7	21.9
1 6	4 1.50	+ 6 44.2	2.446	3.194	13.1	22.1

186040 2001 RB_{123} 11 30.2 215.°47 3.°4/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.74	+32 18.8	2.325	3.133	12.3	20.8
11 7	4 48.18	+32 38.7	2.238	3.126	9.5	20.7
11 17	4 39.38	+32 48.2	2.175	3.119	6.5	20.5
11 27	4 29.12	+32 45.3	2.140	3.111	3.9	20.3
12 7	4 18.44	+32 29.5	2.135	3.103	4.0	20.3
12 17	4 8.48	+32 3.0	2.160	3.095	6.8	20.4
12 27	4 0.25	+31 29.8	2.212	3.086	9.9	20.6
1 6	3 54.43	+30 54.8	2.289	3.077	12.7	20.8

376736 1999 TU_{58} 11 30.2 59.°25 2.°3/29.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.13	+18 16.7	1.210	2.070	18.1	21.4
11 7	4 49.76	+17 48.4	1.170	2.093	13.2	21.2
11 17	4 40.37	+17 18.4	1.150	2.116	7.8	21.0
11 27	4 29.31	+16 49.5	1.156	2.140	2.7	20.8
12 7	4 18.27	+16 25.3	1.187	2.163	4.8	21.0
12 17	4 8.82	+16 9.4	1.245	2.187	9.9	21.3
12 27	4 2.14	+16 4.6	1.326	2.211	14.4	21.6
1 6	3 58.78	+16 11.5	1.427	2.234	18.1	22.0

387512 1999 NR_{54} 11 30.2 51.°62 17.°4/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.74	−20 44.2	1.503	2.252	20.5	19.6
11 7	4 46.76	−22 16.3	1.487	2.272	18.9	19.5
11 17	4 38.41	−23 11.6	1.488	2.293	17.9	19.5
11 27	4 28.82	−23 22.6	1.506	2.314	17.4	19.5
12 7	4 19.31	−22 47.6	1.543	2.336	17.7	19.6
12 17	4 11.07	−21 30.0	1.599	2.358	18.6	19.7
12 27	4 5.05	−19 37.7	1.671	2.380	19.7	19.9
1 6	4 1.75	−17 20.5	1.760	2.402	20.9	20.1

312869 2011 UL_{160} 11 30.2 77.°85 2.°8/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.14	+14 59.7	1.796	2.640	13.8	20.4
11 7	4 46.23	+14 37.8	1.737	2.652	10.2	20.2
11 17	4 38.15	+14 17.3	1.703	2.664	6.2	20.0
11 27	4 28.79	+14 0.5	1.696	2.676	3.0	19.8
12 7	4 19.27	+13 49.6	1.718	2.688	4.4	19.9
12 17	4 10.68	+13 46.6	1.767	2.701	8.2	20.2
12 27	4 3.97	+13 52.9	1.843	2.713	11.8	20.4
1 6	3 59.70	+14 8.6	1.941	2.724	14.8	20.6

219086 1998 QZ_{83} 11 30.2 32.°54 2.°7/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.52	+19 0.5	1.705	2.557	14.1	18.7
11 7	4 44.33	+17 36.1	1.650	2.570	10.3	18.5
11 17	4 37.01	+16 7.2	1.620	2.584	6.2	18.3
11 27	4 28.50	+14 39.0	1.617	2.598	2.9	18.1
12 7	4 19.96	+13 17.7	1.642	2.613	4.7	18.3
12 17	4 12.44	+12 8.8	1.696	2.628	8.6	18.5
12 27	4 6.85	+11 16.1	1.776	2.644	12.2	18.8
1 6	4 3.67	+10 41.0	1.877	2.661	15.3	19.0

511993 2015 KK_{128} 11 30.2 351.°32 1.°5/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.85	+17 12.9	1.315	2.173	17.1	20.6
11 7	4 49.20	+17 30.6	1.248	2.170	12.7	20.3
11 17	4 40.38	+17 50.2	1.203	2.168	7.6	20.0
11 27	4 29.44	+18 11.6	1.182	2.167	2.3	19.7
12 7	4 17.92	+18 35.0	1.188	2.166	4.3	19.8
12 17	4 7.51	+19 1.0	1.220	2.165	9.7	20.1
12 27	3 59.65	+19 31.0	1.276	2.165	14.6	20.4
1 6	3 55.21	+20 6.0	1.353	2.165	18.6	20.7

326072 2011 AS_{64} 11 30.2 204.°98 1.°3/29.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.81	+17 45.5	2.485	3.319	10.8	21.8
11 7	4 44.19	+17 35.2	2.406	3.316	7.9	21.6
11 17	4 36.88	+17 24.0	2.352	3.313	4.7	21.4
11 27	4 28.51	+17 12.9	2.327	3.310	1.6	21.1
12 7	4 19.88	+17 3.5	2.332	3.307	3.0	21.2
12 17	4 11.83	+16 57.1	2.368	3.303	6.3	21.4
12 27	4 5.12	+16 55.6	2.431	3.299	9.3	21.6
1 6	4 0.28	+17 0.0	2.519	3.295	12.0	21.8

163980 2003 UC_{118} 11 30.2 128.°82 1.°5/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.64	+26 48.4	2.130	2.953	12.8	21.2
11 7	4 48.63	+26 46.2	2.066	2.968	9.5	21.1
11 17	4 39.51	+26 35.9	2.026	2.983	5.8	20.9
11 27	4 29.16	+26 17.3	2.015	2.998	2.1	20.7
12 7	4 18.66	+25 51.5	2.034	3.011	2.9	20.7
12 17	4 9.10	+25 21.5	2.083	3.024	6.6	21.0
12 27	4 1.40	+24 51.2	2.160	3.037	10.0	21.2
1 6	3 56.10	+24 24.2	2.262	3.049	12.9	21.5

457810 2009 RF_{27} 11 30.2 48.°67 0.°0/30.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.86	+23 42.3	1.739	2.583	14.2	21.2
11 7	4 46.02	+23 12.9	1.691	2.607	10.4	21.0
11 17	4 38.00	+22 36.7	1.667	2.631	6.1	20.8
11 27	4 28.77	+21 55.5	1.670	2.655	1.5	20.5
12 7	4 19.54	+21 12.5	1.701	2.680	3.1	20.7
12 17	4 11.43	+20 31.6	1.761	2.705	7.3	21.0
12 27	4 5.34	+19 56.9	1.847	2.730	11.1	21.3
1 6	4 1.78	+19 31.0	1.956	2.755	14.2	21.6

332456 2008 CN_{44} 11 30.2 100.°77 4.°6/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.90	+32 18.1	1.518	2.343	16.9	20.9
11 7	4 52.69	+32 50.7	1.460	2.357	13.0	20.6
11 17	4 42.28	+33 8.8	1.424	2.371	8.8	20.4
11 27	4 29.89	+33 8.6	1.413	2.385	5.2	20.3
12 7	4 17.20	+32 49.7	1.429	2.399	5.4	20.3
12 17	4 5.93	+32 16.1	1.473	2.412	8.9	20.6
12 27	3 57.44	+31 34.8	1.542	2.425	12.9	20.8
1 6	3 52.45	+30 53.4	1.633	2.437	16.3	21.1

122121 2000 JQ_{15} 11 30.2 143.°96 2.°0/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.80	+16 9.3	1.722	2.563	14.5	19.7
11 7	4 49.15	+16 12.4	1.655	2.569	10.7	19.5
11 17	4 40.02	+16 16.7	1.612	2.574	6.4	19.3
11 27	4 29.32	+16 23.0	1.597	2.580	2.4	19.0
12 7	4 18.31	+16 32.4	1.610	2.585	4.0	19.2
12 17	4 8.24	+16 45.9	1.652	2.589	8.3	19.4
12 27	4 0.23	+17 5.0	1.720	2.593	12.3	19.7
1 6	3 54.95	+17 30.4	1.810	2.597	15.6	19.9

520379 2014 HN_{205} 11 30.2 261.°68 1.°0/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.79	+19 36.4	1.816	2.659	13.8	21.7
11 7	4 47.04	+19 25.9	1.734	2.649	10.2	21.5
11 17	4 38.85	+19 12.6	1.675	2.638	6.0	21.2
11 27	4 29.06	+18 57.4	1.643	2.628	1.7	20.9
12 7	4 18.81	+18 42.2	1.640	2.617	3.5	21.0
12 17	4 9.31	+18 29.6	1.666	2.606	8.0	21.2
12 27	4 1.70	+18 22.2	1.718	2.595	12.0	21.5
1 6	3 56.70	+18 22.4	1.792	2.584	15.5	21.7

484929 2009 ST_{114} 11 30.2 115.°03 4.°3/ 2.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.60	+35 40.0	2.375	3.172	12.4	22.0
11 7	4 47.96	+36 3.5	2.306	3.184	9.8	21.9
11 17	4 39.18	+36 14.5	2.262	3.195	7.0	21.7
11 27	4 29.10	+36 10.8	2.245	3.207	4.7	21.6
12 7	4 18.80	+35 52.4	2.257	3.218	4.7	21.6
12 17	4 9.36	+35 21.4	2.299	3.228	6.8	21.8
12 27	4 1.72	+34 42.6	2.368	3.239	9.5	21.9
1 6	3 56.48	+34 0.9	2.462	3.249	12.0	22.1

208051 1999 TJ_{180} 11 30.2 80.°76 4.°2/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.06	+31 45.7	1.724	2.543	15.4	20.0
11 7	4 51.67	+32 26.4	1.672	2.567	11.8	19.8
11 17	4 41.50	+32 54.6	1.643	2.590	8.0	19.6
11 27	4 29.68	+33 6.7	1.641	2.612	4.7	19.5
12 7	4 17.67	+33 2.2	1.667	2.635	4.9	19.5
12 17	4 6.94	+32 44.1	1.721	2.657	8.1	19.8
12 27	3 58.68	+32 18.0	1.801	2.679	11.6	20.0
1 6	3 53.51	+31 49.9	1.904	2.701	14.6	20.3

271490 2004 FP_{62} 11 30.2 218.°90 3.°7/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.69	+14 13.2	1.648	2.494	14.8	20.8
11 7	4 47.73	+13 34.7	1.575	2.490	11.0	20.6
11 17	4 39.25	+12 57.0	1.525	2.485	7.0	20.3
11 27	4 29.15	+12 23.7	1.502	2.481	3.8	20.1
12 7	4 18.68	+11 58.5	1.507	2.476	5.4	20.2
12 17	4 9.11	+11 44.3	1.540	2.470	9.5	20.4
12 27	4 1.57	+11 43.4	1.598	2.465	13.4	20.7
1 6	3 56.77	+11 55.8	1.677	2.459	16.9	20.9

376487 2012 KN_2 11 30.2 242.°93 6.°4/26.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.68	+ 1 36.6	2.612	3.427	10.9	21.5
11 7	4 42.54	+ 0 33.3	2.534	3.415	8.9	21.4
11 17	4 35.89	− 0 22.3	2.482	3.403	7.1	21.3
11 27	4 28.29	− 1 6.0	2.458	3.390	6.4	21.2
12 7	4 20.46	− 1 34.3	2.462	3.377	7.2	21.2
12 17	4 13.10	− 1 45.5	2.494	3.364	9.1	21.3
12 27	4 6.91	− 1 39.2	2.551	3.351	11.2	21.5
1 6	4 2.37	− 1 17.0	2.630	3.337	13.2	21.6

148261 2000 FV_{31} 11 30.2 209.°50 1.°4/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.60	+17 13.7	2.468	3.297	11.0	20.8
11 7	4 46.29	+17 9.2	2.382	3.290	8.1	20.6
11 17	4 38.17	+17 4.4	2.322	3.283	4.9	20.4
11 27	4 28.87	+17 0.0	2.291	3.275	1.7	20.2
12 7	4 19.26	+16 57.0	2.292	3.266	3.0	20.3
12 17	4 10.21	+16 57.0	2.323	3.257	6.4	20.5
12 27	4 2.54	+17 1.3	2.382	3.247	9.6	20.7
1 6	3 56.84	+17 11.2	2.466	3.237	12.4	20.9

220420 2003 SH_{231} 11 30.2 65.°81 0.°8/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.79	+23 54.8	2.100	2.934	12.5	20.3
11 7	4 45.88	+24 5.0	2.037	2.947	9.2	20.1
11 17	4 37.95	+24 10.2	1.999	2.960	5.5	19.9
11 27	4 28.81	+24 10.0	1.989	2.973	1.6	19.7
12 7	4 19.47	+24 5.1	2.008	2.987	2.7	19.8
12 17	4 10.96	+23 57.4	2.057	3.000	6.5	20.0
12 27	4 4.15	+23 49.6	2.133	3.013	9.9	20.3
1 6	3 59.63	+23 44.3	2.233	3.027	12.8	20.5

238489 2004 RU_{272} 11 30.2 311.°81 4.°3/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.44	+31 9.7	1.544	2.377	16.3	20.9
11 7	4 49.64	+31 40.9	1.468	2.371	12.6	20.7
11 17	4 40.68	+31 59.7	1.414	2.365	8.4	20.4
11 27	4 29.56	+32 2.6	1.385	2.360	4.8	20.2
12 7	4 17.84	+31 48.7	1.383	2.355	5.1	20.2
12 17	4 7.18	+31 20.6	1.408	2.350	9.0	20.4
12 27	3 59.04	+30 44.7	1.457	2.345	13.2	20.6
1 6	3 54.29	+30 8.1	1.528	2.340	16.9	20.9

313537 2002 YY_{11} 11 30.2 359.°18 26.°8/ 9.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.78	−36 42.5	1.161	1.842	28.6	18.9
11 7	4 47.15	−37 26.0	1.129	1.833	28.1	18.8
11 17	4 39.12	−37 13.1	1.105	1.828	27.5	18.8
11 27	4 29.11	−35 52.4	1.090	1.825	27.0	18.7
12 7	4 18.99	−33 19.7	1.087	1.825	26.8	18.7
12 17	4 10.47	−29 39.2	1.097	1.829	26.9	18.7
12 27	4 4.89	−25 3.7	1.122	1.835	27.3	18.8
1 6	4 2.85	−19 52.1	1.164	1.844	28.1	18.9

29785 1999 CD_{55} 11 30.2 343.°68 1.°6/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.54	+17 35.3	1.725	2.573	14.1	18.3
11 7	4 46.13	+17 33.0	1.652	2.570	10.4	18.1
11 17	4 38.32	+17 30.4	1.603	2.567	6.2	17.9
11 27	4 28.94	+17 28.8	1.580	2.564	2.1	17.6
12 7	4 19.18	+17 29.3	1.586	2.562	3.8	17.7
12 17	4 10.25	+17 33.8	1.619	2.560	8.1	18.0
12 27	4 3.24	+17 44.1	1.679	2.558	12.2	18.2
1 6	3 58.86	+18 1.3	1.760	2.557	15.6	18.4

51169 2000 HQ_{65} 11 30.2 299.°74 4.°0/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.75	+12 42.8	2.200	3.042	11.7	19.1
11 7	4 42.89	+11 36.8	2.117	3.028	8.8	18.9
11 17	4 36.22	+10 30.8	2.059	3.014	5.9	18.7
11 27	4 28.42	+ 9 28.9	2.029	3.000	4.0	18.6
12 7	4 20.33	+ 8 35.5	2.029	2.987	5.3	18.6
12 17	4 12.83	+ 7 54.1	2.057	2.974	8.3	18.8
12 27	4 6.73	+ 7 27.1	2.111	2.960	11.4	19.0
1 6	4 2.62	+ 7 15.1	2.188	2.947	14.1	19.1

514608 2003 SO_{429} 11 30.2 78.°40 7.°1/ 2.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.65	+38 10.5	1.731	2.532	16.2	21.2
11 7	4 52.62	+39 16.4	1.669	2.542	13.1	21.0
11 17	4 42.36	+40 5.9	1.628	2.553	9.9	20.8
11 27	4 29.99	+40 32.7	1.613	2.563	7.5	20.7
12 7	4 17.12	+40 34.5	1.624	2.573	7.4	20.7
12 17	4 5.47	+40 13.5	1.663	2.584	9.6	20.9
12 27	3 56.49	+39 36.6	1.727	2.594	12.6	21.1
1 6	3 50.99	+38 52.2	1.812	2.605	15.4	21.3

198904 2005 UH_{33} 11 30.2 231.°27 1.°0/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.26	+20 26.2	1.771	2.612	14.1	21.4
11 7	4 48.16	+20 5.1	1.689	2.604	10.5	21.2
11 17	4 39.54	+19 39.7	1.632	2.595	6.2	20.9
11 27	4 29.28	+19 11.1	1.602	2.587	1.7	20.6
12 7	4 18.58	+18 41.9	1.600	2.577	3.6	20.7
12 17	4 8.72	+18 15.3	1.628	2.568	8.1	21.0
12 27	4 0.85	+17 55.1	1.681	2.558	12.3	21.2
1 6	3 55.68	+17 43.9	1.757	2.548	15.9	21.4

289654 2005 GJ_{116} 11 30.3 181.°58 0.°9/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.40	+24 59.3	2.101	2.931	12.7	22.0
11 7	4 47.18	+24 55.4	2.024	2.931	9.4	21.8
11 17	4 38.80	+24 44.9	1.972	2.932	5.7	21.6
11 27	4 29.08	+24 27.7	1.948	2.932	1.7	21.3
12 7	4 19.05	+24 4.9	1.953	2.931	2.8	21.4
12 17	4 9.82	+23 39.3	1.988	2.930	6.7	21.6
12 27	4 2.33	+23 14.4	2.051	2.929	10.3	21.9
1 6	3 57.23	+22 53.5	2.137	2.928	13.4	22.1

221546 2006 UN_{89} 11 30.3 171.°50 1.°4/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.28	+25 44.1	1.723	2.555	14.9	20.9
11 7	4 50.44	+25 48.2	1.650	2.558	11.1	20.7
11 17	4 40.89	+25 44.1	1.601	2.560	6.8	20.5
11 27	4 29.62	+25 31.0	1.579	2.562	2.3	20.2
12 7	4 17.97	+25 9.7	1.586	2.564	3.4	20.3
12 17	4 7.34	+24 43.4	1.621	2.565	7.9	20.6
12 27	3 58.96	+24 16.8	1.683	2.565	12.0	20.8
1 6	3 53.53	+23 54.5	1.768	2.564	15.6	21.0

266914 2009 WV_{260} 11 30.3 217.°73 0.°0/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.86	+22 25.4	2.482	3.313	10.9	21.6
11 7	4 44.31	+22 19.7	2.400	3.310	8.0	21.4
11 17	4 37.02	+22 10.0	2.345	3.306	4.7	21.2
11 27	4 28.63	+21 56.8	2.318	3.303	1.2	20.9
12 7	4 19.98	+21 41.2	2.321	3.300	2.4	21.0
12 17	4 11.92	+21 25.1	2.355	3.296	5.9	21.2
12 27	4 5.24	+21 11.0	2.417	3.292	9.1	21.4
1 6	4 0.50	+21 0.9	2.503	3.288	11.8	21.6

21503 Beksha 11 30.3 232.°97 2.°0/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.06	+26 47.7	1.914	2.743	13.7	19.3
11 7	4 48.76	+27 3.1	1.830	2.736	10.3	19.1
11 17	4 39.92	+27 10.9	1.770	2.728	6.5	18.8
11 27	4 29.39	+27 9.6	1.738	2.720	2.6	18.6
12 7	4 18.37	+26 59.3	1.734	2.711	3.4	18.6
12 17	4 8.13	+26 42.0	1.760	2.702	7.5	18.8
12 27	3 59.86	+26 21.8	1.812	2.693	11.4	19.0
1 6	3 54.30	+26 3.1	1.888	2.684	14.7	19.2

52415 1994 EP_6 11 30.3 323.°55 7.°0/28.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.69	+ 6 34.0	1.545	2.395	15.3	18.6
11 7	4 44.33	+ 5 47.6	1.464	2.374	12.1	18.3
11 17	4 37.43	+ 5 9.5	1.406	2.354	8.9	18.1
11 27	4 28.80	+ 4 45.5	1.372	2.334	7.0	17.9
12 7	4 19.59	+ 4 40.3	1.364	2.315	8.3	18.0
12 17	4 11.09	+ 4 56.1	1.382	2.297	11.6	18.1
12 27	4 4.51	+ 5 32.9	1.422	2.279	15.4	18.3
1 6	4 0.64	+ 6 28.0	1.482	2.263	18.8	18.5

264475 2001 GV_5 11 30.3 243.°81 1.°0/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.26	+20 29.9	1.739	2.579	14.4	21.5
11 7	4 49.03	+20 7.5	1.651	2.565	10.7	21.2
11 17	4 40.14	+19 40.3	1.587	2.550	6.4	20.9
11 27	4 29.46	+19 9.4	1.550	2.534	1.8	20.6
12 7	4 18.23	+18 37.4	1.542	2.519	3.7	20.7
12 17	4 7.80	+18 7.9	1.562	2.502	8.5	20.9
12 27	3 59.38	+17 45.0	1.609	2.485	12.8	21.2
1 6	3 53.79	+17 31.5	1.677	2.467	16.5	21.4

211550 2003 SV_{46} 11 30.3 107.°51 1.°1/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.60	+20 40.7	1.556	2.397	15.8	20.7
11 7	4 51.17	+20 14.1	1.505	2.419	11.5	20.5
11 17	4 41.14	+19 42.8	1.477	2.440	6.7	20.3
11 27	4 29.63	+19 8.7	1.476	2.461	1.8	20.0
12 7	4 18.09	+18 34.8	1.504	2.481	3.8	20.2
12 17	4 7.88	+18 5.1	1.560	2.500	8.5	20.5
12 27	4 0.08	+17 43.3	1.642	2.518	12.6	20.8
1 6	3 55.26	+17 31.5	1.746	2.536	16.0	21.1

191550 2003 UL_{299} 11 30.3 347.°89 0.°7/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.31	+20 31.7	2.048	2.891	12.4	21.1
11 7	4 44.19	+20 16.6	1.973	2.888	9.1	20.9
11 17	4 37.05	+19 58.1	1.922	2.886	5.4	20.7
11 27	4 28.66	+19 37.5	1.899	2.884	1.4	20.4
12 7	4 19.97	+19 16.6	1.905	2.882	3.0	20.5
12 17	4 12.01	+18 57.8	1.939	2.881	7.0	20.8
12 27	4 5.67	+18 43.9	2.001	2.880	10.5	21.0
1 6	4 1.55	+18 36.8	2.085	2.879	13.6	21.2

207727 2007 RW_{165} 11 30.3 326.°97 1.°8/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.06	+19 37.7	1.435	2.295	15.8	19.8
11 7	4 45.56	+19 4.6	1.357	2.281	11.7	19.6
11 17	4 38.23	+18 26.5	1.302	2.268	7.0	19.3
11 27	4 29.00	+17 46.1	1.271	2.255	2.3	18.9
12 7	4 19.24	+17 7.4	1.267	2.244	4.4	19.1
12 17	4 10.40	+16 35.0	1.289	2.233	9.5	19.3
12 27	4 3.79	+16 13.0	1.335	2.222	14.2	19.6
1 6	4 0.22	+16 3.9	1.401	2.213	18.2	19.8

118209 1995 UH_{20} 11 30.3 114.°55 0.°2/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.58	+23 16.7	2.110	2.944	12.4	20.9
11 7	4 45.77	+23 6.3	2.039	2.949	9.1	20.7
11 17	4 37.93	+22 50.6	1.992	2.954	5.4	20.5
11 27	4 28.87	+22 30.0	1.974	2.959	1.4	20.2
12 7	4 19.58	+22 6.3	1.986	2.964	2.7	20.3
12 17	4 11.08	+21 42.0	2.027	2.969	6.6	20.6
12 27	4 4.26	+21 20.3	2.095	2.974	10.1	20.8
1 6	3 59.69	+21 3.9	2.187	2.978	13.1	21.0

482255 2011 OD_{41} 11 30.3 68.°90 7.°3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.21	+ 3 36.7	1.615	2.450	15.6	20.7
11 7	4 47.16	+ 3 6.3	1.564	2.462	12.3	20.6
11 17	4 38.80	+ 2 48.8	1.535	2.474	9.1	20.4
11 27	4 29.08	+ 2 48.5	1.531	2.486	7.3	20.3
12 7	4 19.20	+ 3 7.6	1.554	2.498	8.2	20.4
12 17	4 10.33	+ 3 45.9	1.604	2.510	11.0	20.6
12 27	4 3.47	+ 4 41.2	1.678	2.522	14.1	20.8
1 6	3 59.21	+ 5 49.5	1.772	2.534	16.9	21.1

108461 2001 KG_{54} 11 30.3 197.°05 0.°9/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.70	+25 1.7	2.201	3.027	12.3	20.8
11 7	4 47.36	+25 0.8	2.120	3.025	9.1	20.5
11 17	4 38.92	+24 53.7	2.063	3.022	5.5	20.3
11 27	4 29.13	+24 39.9	2.035	3.019	1.7	20.1
12 7	4 19.02	+24 20.5	2.037	3.015	2.8	20.1
12 17	4 9.63	+23 57.9	2.069	3.011	6.6	20.4
12 27	4 1.92	+23 35.3	2.129	3.006	10.1	20.6
1 6	3 56.52	+23 16.0	2.213	3.001	13.1	20.8

245384 2005 GT_{109} 11 30.3 43.°95 0.°7/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.46	+23 15.1	1.638	2.482	14.9	20.1
11 7	4 47.65	+23 25.9	1.574	2.489	11.0	19.9
11 17	4 39.25	+23 31.4	1.533	2.496	6.6	19.6
11 27	4 29.22	+23 31.0	1.519	2.504	1.8	19.3
12 7	4 18.88	+23 25.5	1.532	2.511	3.3	19.4
12 17	4 9.55	+23 17.3	1.574	2.519	7.9	19.7
12 27	4 2.40	+23 9.8	1.641	2.527	12.0	20.0
1 6	3 58.10	+23 6.2	1.730	2.535	15.5	20.3

8046 Ajiki 11 30.3 308.°91 13.°4/27.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.27	−11 6.2	1.602	2.391	17.8	17.3
11 7	4 47.37	−12 7.1	1.548	2.388	15.7	17.2
11 17	4 39.03	−12 42.5	1.513	2.385	14.1	17.1
11 27	4 29.16	−12 44.6	1.500	2.382	13.4	17.0
12 7	4 19.00	−12 9.7	1.510	2.379	14.0	17.1
12 17	4 9.79	−10 58.8	1.542	2.377	15.7	17.2
12 27	4 2.60	− 9 17.2	1.596	2.374	17.8	17.3
1 6	3 58.10	− 7 13.0	1.668	2.372	19.9	17.5

493282 2014 UJ_{157} 11 30.3 41.°14 3.°6/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.36	+30 56.6	2.027	2.847	13.4	20.7
11 7	4 47.36	+31 35.8	1.960	2.856	10.3	20.5
11 17	4 39.01	+32 5.4	1.917	2.865	6.9	20.3
11 27	4 29.17	+32 22.7	1.902	2.874	4.1	20.2
12 7	4 18.99	+32 27.0	1.915	2.884	4.3	20.2
12 17	4 9.67	+32 19.8	1.956	2.894	7.2	20.4
12 27	4 2.28	+32 5.2	2.025	2.904	10.4	20.6
1 6	3 57.46	+31 47.6	2.116	2.914	13.3	20.8

227635 2006 BU_{94} 11 30.3 91.°77 4.°7/ 2.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.38	+36 45.8	2.265	3.063	12.9	20.6
11 7	4 47.27	+37 2.5	2.189	3.066	10.2	20.4
11 17	4 38.90	+37 5.3	2.136	3.068	7.4	20.2
11 27	4 29.13	+36 52.0	2.111	3.071	5.1	20.1
12 7	4 19.08	+36 22.7	2.114	3.073	5.0	20.1
12 17	4 9.89	+35 40.0	2.145	3.076	7.2	20.2
12 27	4 2.56	+34 49.0	2.204	3.078	9.9	20.4
1 6	3 57.72	+33 55.5	2.287	3.081	12.6	20.6

236439 2006 DW_{174} 11 30.3 39.°95 1.°2/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.23	+24 35.9	1.535	2.381	15.7	20.4
11 7	4 48.42	+24 44.4	1.470	2.385	11.7	20.1
11 17	4 39.79	+24 45.8	1.427	2.389	7.0	19.9
11 27	4 29.38	+24 39.2	1.410	2.394	2.2	19.6
12 7	4 18.60	+24 25.8	1.420	2.399	3.5	19.7
12 17	4 8.92	+24 8.3	1.458	2.404	8.3	20.0
12 27	4 1.58	+23 51.3	1.521	2.409	12.6	20.3
1 6	3 57.30	+23 38.7	1.605	2.415	16.3	20.5

244422 2002 QA_{50} 11 30.3 78.°20 1.°5/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.85	+18 31.1	1.738	2.583	14.2	20.4
11 7	4 46.95	+18 16.0	1.676	2.592	10.4	20.2
11 17	4 38.72	+17 59.2	1.637	2.601	6.1	19.9
11 27	4 29.09	+17 42.1	1.625	2.609	2.0	19.7
12 7	4 19.22	+17 27.0	1.642	2.618	3.7	19.8
12 17	4 10.32	+17 16.2	1.687	2.627	8.0	20.1
12 27	4 3.39	+17 12.1	1.758	2.635	11.8	20.3
1 6	3 59.06	+17 16.2	1.851	2.644	15.1	20.6

329442 2002 PV_{25} 11 30.3 40.°89 1.°1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.63	+20 58.8	1.045	1.916	19.5	20.0
11 7	4 49.09	+20 34.0	1.008	1.937	14.2	19.8
11 17	4 40.20	+20 3.8	0.991	1.959	8.3	19.5
11 27	4 29.43	+19 30.9	0.997	1.982	2.2	19.2
12 7	4 18.68	+18 59.5	1.027	2.006	4.5	19.5
12 17	4 9.69	+18 34.2	1.082	2.030	10.2	19.9
12 27	4 3.74	+18 19.3	1.160	2.056	15.1	20.2
1 6	4 1.37	+18 16.4	1.256	2.081	19.0	20.6

523242 2017 AF_{1} 11 30.3 252.°43 1.°1/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.31	+23 2.0	1.954	2.786	13.4	21.7
11 7	4 48.91	+23 39.3	1.871	2.779	10.0	21.4
11 17	4 40.03	+24 13.8	1.813	2.773	6.0	21.2
11 27	4 29.46	+24 43.6	1.782	2.766	1.9	20.9
12 7	4 18.35	+25 7.5	1.782	2.760	3.1	21.0
12 17	4 7.94	+25 26.0	1.811	2.753	7.3	21.2
12 27	3 59.37	+25 41.0	1.867	2.746	11.2	21.4
1 6	3 53.43	+25 55.6	1.946	2.739	14.5	21.6

265052 2003 QD_{114} 11 30.3 19.°69 1.°0/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.19	+26 10.0	1.950	2.787	13.2	19.9
11 7	4 44.92	+25 49.3	1.879	2.790	9.8	19.7
11 17	4 37.51	+25 20.1	1.833	2.794	5.9	19.5
11 27	4 28.78	+24 43.0	1.813	2.797	1.9	19.3
12 7	4 19.84	+24 0.5	1.823	2.801	2.9	19.3
12 17	4 11.77	+23 16.1	1.861	2.806	6.9	19.6
12 27	4 5.50	+22 34.4	1.926	2.810	10.6	19.8
1 6	4 1.63	+21 59.0	2.014	2.815	13.7	20.1

485591 2011 UM_{242} 11 30.3 273.°70 1.°4/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.38	+25 7.8	1.889	2.724	13.6	21.3
11 7	4 47.52	+25 23.2	1.808	2.717	10.2	21.1
11 17	4 39.20	+25 32.6	1.751	2.711	6.2	20.9
11 27	4 29.25	+25 34.8	1.721	2.704	2.2	20.6
12 7	4 18.83	+25 29.9	1.720	2.698	3.2	20.7
12 17	4 9.19	+25 20.0	1.748	2.691	7.4	20.9
12 27	4 1.45	+25 8.3	1.802	2.685	11.3	21.1
1 6	3 56.36	+24 58.7	1.879	2.678	14.7	21.3

71348 2000 AL_{107} 11 30.3 342.°38 6.°5/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.95	+ 2 28.9	2.071	2.896	13.0	18.9
11 7	4 44.52	+ 2 6.6	2.003	2.894	10.4	18.7
11 17	4 37.21	+ 1 55.5	1.959	2.891	7.9	18.5
11 27	4 28.72	+ 1 59.0	1.941	2.889	6.6	18.4
12 7	4 19.96	+ 2 19.2	1.951	2.888	7.3	18.5
12 17	4 11.88	+ 2 56.2	1.988	2.886	9.6	18.6
12 27	4 5.30	+ 3 48.5	2.051	2.885	12.3	18.8
1 6	4 0.81	+ 4 53.4	2.135	2.883	14.8	19.0

513258 2006 JS_{49} 11 30.3 188.°80 2.°4/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.86	+15 35.4	2.101	2.937	12.4	22.3
11 7	4 46.68	+15 12.4	2.026	2.936	9.2	22.1
11 17	4 38.49	+14 49.6	1.975	2.935	5.6	21.9
11 27	4 29.04	+14 28.9	1.953	2.933	2.6	21.7
12 7	4 19.31	+14 12.5	1.960	2.931	4.0	21.8
12 17	4 10.30	+14 2.6	1.997	2.929	7.5	22.0
12 27	4 2.92	+14 0.9	2.062	2.926	11.0	22.2
1 6	3 57.76	+14 8.2	2.149	2.922	13.9	22.4

108868 2001 OK_{100} 11 30.3 136.°24 2.°4/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.34	+15 6.6	2.144	2.980	12.2	20.5
11 7	4 46.18	+14 49.9	2.078	2.989	9.0	20.3
11 17	4 38.13	+14 34.0	2.037	2.997	5.5	20.1
11 27	4 28.94	+14 20.9	2.025	3.005	2.6	19.9
12 7	4 19.55	+14 12.3	2.042	3.013	3.9	20.0
12 17	4 10.93	+14 9.9	2.089	3.020	7.2	20.2
12 27	4 3.90	+14 15.0	2.163	3.027	10.5	20.4
1 6	3 59.02	+14 28.0	2.261	3.034	13.3	20.7

121273 1999 RN_{118} 11 30.3 120.°40 1.°4/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.63	+26 50.7	1.928	2.755	13.7	20.1
11 7	4 48.84	+26 41.1	1.864	2.769	10.2	19.9
11 17	4 39.76	+26 22.5	1.825	2.783	6.2	19.7
11 27	4 29.34	+25 54.9	1.813	2.796	2.2	19.5
12 7	4 18.77	+25 20.0	1.831	2.809	3.1	19.6
12 17	4 9.22	+24 41.6	1.878	2.821	7.0	19.8
12 27	4 1.69	+24 4.1	1.953	2.833	10.7	20.1
1 6	3 56.75	+23 31.6	2.051	2.844	13.8	20.3

510585 2012 SJ_{10} 11 30.3 74.°40 0.°7/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.18	+24 4.9	1.475	2.318	16.3	21.5
11 7	4 50.34	+24 1.1	1.427	2.341	12.0	21.3
11 17	4 40.74	+23 49.7	1.401	2.364	7.1	21.1
11 27	4 29.58	+23 31.0	1.402	2.387	2.0	20.9
12 7	4 18.36	+23 6.9	1.431	2.409	3.5	21.0
12 17	4 8.52	+22 41.3	1.487	2.432	8.3	21.4
12 27	4 1.21	+22 18.8	1.568	2.454	12.5	21.7
1 6	3 56.99	+22 2.9	1.672	2.476	16.0	22.0

520438 2014 KU_{28} 11 30.3 262.°13 2.°0/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.73	+17 7.2	1.853	2.695	13.5	21.9
11 7	4 47.00	+16 50.1	1.767	2.681	10.1	21.6
11 17	4 38.88	+16 32.0	1.705	2.667	6.1	21.4
11 27	4 29.18	+16 14.7	1.670	2.653	2.4	21.1
12 7	4 18.99	+16 0.3	1.665	2.639	4.0	21.2
12 17	4 9.49	+15 51.2	1.687	2.624	8.2	21.4
12 27	4 1.79	+15 49.9	1.736	2.609	12.2	21.6
1 6	3 56.63	+15 57.6	1.808	2.594	15.7	21.8

7477 1993 LC 11 30.3 157.°80 2.°0/29.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.43	+18 25.3	2.112	2.948	12.4	17.8
11 7	4 46.27	+17 32.6	2.041	2.953	9.1	17.6
11 17	4 38.18	+16 36.7	1.996	2.958	5.4	17.4
11 27	4 28.96	+15 40.3	1.980	2.963	2.3	17.2
12 7	4 19.57	+14 47.2	1.995	2.967	3.8	17.3
12 17	4 11.00	+14 1.1	2.039	2.970	7.4	17.5
12 27	4 4.07	+13 25.3	2.110	2.973	10.8	17.8
1 6	3 59.35	+13 1.3	2.204	2.976	13.7	18.0

108464 2001 KQ_{55} 11 30.3 347.°42 4.°1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.96	+ 8 18.2	1.721	2.554	14.9	18.8
11 7	4 50.13	+ 8 52.1	1.648	2.552	11.3	18.6
11 17	4 40.74	+ 9 36.9	1.598	2.551	7.4	18.4
11 27	4 29.65	+10 33.1	1.575	2.550	4.4	18.2
12 7	4 18.09	+11 39.8	1.582	2.549	5.4	18.3
12 17	4 7.34	+12 54.8	1.619	2.549	9.1	18.5
12 27	3 58.58	+14 15.7	1.682	2.548	12.9	18.7
1 6	3 52.57	+15 40.1	1.768	2.548	16.2	18.9

181374 2006 SL_8 11 30.3 14.°65 5.°9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.76	+ 9 37.4	1.371	2.224	16.8	19.9
11 7	4 48.12	+ 9 0.3	1.310	2.224	12.8	19.7
11 17	4 39.64	+ 8 30.4	1.270	2.225	8.7	19.4
11 27	4 29.37	+ 8 12.7	1.254	2.225	6.0	19.3
12 7	4 18.72	+ 8 10.7	1.265	2.226	7.4	19.4
12 17	4 9.16	+ 8 26.1	1.301	2.227	11.3	19.6
12 27	4 1.93	+ 8 58.7	1.361	2.228	15.3	19.9
1 6	3 57.77	+ 9 46.1	1.440	2.229	18.9	20.1

225439 2000 CZ_{136} 11 30.3 2.°38 3.°1/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.50	+13 1.2	2.129	2.969	12.1	20.1
11 7	4 44.20	+12 43.1	2.057	2.969	9.0	19.9
11 17	4 37.02	+12 27.6	2.011	2.969	5.7	19.7
11 27	4 28.69	+12 17.0	1.992	2.969	3.2	19.6
12 7	4 20.10	+12 13.1	2.002	2.969	4.4	19.7
12 17	4 12.18	+12 17.3	2.041	2.969	7.6	19.9
12 27	4 5.76	+12 30.6	2.106	2.970	10.8	20.1
1 6	4 1.42	+12 52.7	2.195	2.970	13.6	20.3

21676 Maureenanne 11 30.3 24.°08 6.°6/27.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.31	+ 6 52.4	1.689	2.536	14.4	17.6
11 7	4 43.55	+ 5 47.6	1.636	2.543	11.2	17.4
11 17	4 36.70	+ 4 50.9	1.606	2.551	8.2	17.2
11 27	4 28.60	+ 4 7.8	1.601	2.559	6.6	17.2
12 7	4 20.34	+ 3 42.5	1.623	2.569	7.8	17.3
12 17	4 12.97	+ 3 37.1	1.671	2.578	10.6	17.4
12 27	4 7.39	+ 3 51.4	1.743	2.588	13.6	17.7
1 6	4 4.17	+ 4 22.9	1.835	2.599	16.3	17.9

269559 2009 WY_{46} 11 30.3 348.°84 3.°9/28.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.25	+12 41.5	2.030	2.874	12.4	20.1
11 7	4 43.33	+11 51.0	1.959	2.872	9.3	19.9
11 17	4 36.53	+11 2.0	1.913	2.870	6.1	19.7
11 27	4 28.57	+10 18.5	1.895	2.869	3.9	19.5
12 7	4 20.38	+ 9 43.8	1.905	2.867	5.2	19.6
12 17	4 12.88	+ 9 20.9	1.943	2.866	8.3	19.8
12 27	4 6.93	+ 9 11.3	2.007	2.865	11.5	20.0
1 6	4 3.09	+ 9 15.2	2.094	2.864	14.3	20.2

226954 2004 VR_{40} 11 30.3 295.°26 1.°1/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.54	+23 36.0	2.122	2.954	12.4	20.7
11 7	4 46.74	+24 4.9	2.036	2.944	9.3	20.5
11 17	4 38.71	+24 30.4	1.974	2.934	5.6	20.3
11 27	4 29.18	+24 51.1	1.941	2.925	1.8	20.0
12 7	4 19.16	+25 6.5	1.937	2.915	2.9	20.1
12 17	4 9.76	+25 17.3	1.963	2.906	6.8	20.3
12 27	4 1.99	+25 25.7	2.017	2.896	10.4	20.5
1 6	3 56.59	+25 34.2	2.094	2.887	13.6	20.7

235266 2003 TD_9 11 30.3 150.°97 5.°5/ 2.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.26	+39 41.2	2.361	3.137	13.1	21.0
11 7	4 51.53	+40 4.8	2.289	3.147	10.6	20.9
11 17	4 41.40	+40 12.7	2.240	3.157	8.0	20.7
11 27	4 29.81	+40 2.0	2.218	3.166	5.9	20.6
12 7	4 17.99	+39 32.1	2.225	3.174	5.7	20.6
12 17	4 7.16	+38 46.0	2.262	3.182	7.5	20.7
12 27	3 58.38	+37 49.2	2.327	3.189	10.0	20.9
1 6	3 52.29	+36 48.5	2.416	3.195	12.4	21.1

115217 2003 SP_{138} 11 30.3 35.°73 0.°7/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.35	+25 4.5	1.898	2.737	13.4	19.3
11 7	4 45.04	+24 48.8	1.835	2.748	9.9	19.1
11 17	4 37.58	+24 25.8	1.796	2.758	5.9	18.8
11 27	4 28.85	+23 56.1	1.785	2.769	1.7	18.6
12 7	4 19.96	+23 22.0	1.802	2.781	2.9	18.7
12 17	4 11.97	+22 46.9	1.847	2.792	6.9	19.0
12 27	4 5.83	+22 14.7	1.920	2.804	10.6	19.2
1 6	4 2.10	+21 48.5	2.015	2.817	13.7	19.5

482929 2014 JZ_4 11 30.3 336.°48 5.°4/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.76	+13 29.0	1.253	2.123	16.9	19.7
11 7	4 44.11	+12 25.1	1.181	2.107	12.8	19.4
11 17	4 37.51	+11 21.3	1.129	2.092	8.4	19.1
11 27	4 28.91	+10 24.1	1.102	2.078	5.4	18.9
12 7	4 19.75	+ 9 40.1	1.099	2.066	7.3	19.0
12 17	4 11.55	+ 9 14.8	1.121	2.054	11.8	19.2
12 27	4 5.68	+ 9 10.8	1.164	2.044	16.4	19.5
1 6	4 2.98	+ 9 27.5	1.225	2.035	20.4	19.7

125303 2001 VS_{29} 11 30.3 293.°37 1.°7/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.76	+23 3.7	1.547	2.390	15.7	19.6
11 7	4 50.76	+23 53.5	1.459	2.373	11.9	19.3
11 17	4 41.54	+24 41.9	1.394	2.356	7.3	19.0
11 27	4 29.98	+25 25.4	1.355	2.339	2.5	18.7
12 7	4 17.47	+26 1.5	1.344	2.322	3.9	18.7
12 17	4 5.68	+26 29.7	1.361	2.306	9.0	19.0
12 27	3 56.20	+26 52.5	1.404	2.289	13.7	19.2
1 6	3 50.06	+27 13.3	1.467	2.273	17.7	19.4

474932 2005 SN_{261} 11 30.3 59.°01 2.°5/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.29	+27 11.2	1.289	2.135	18.0	20.7
11 7	4 51.58	+27 29.2	1.245	2.159	13.4	20.5
11 17	4 41.65	+27 36.0	1.222	2.182	8.3	20.3
11 27	4 29.87	+27 29.8	1.224	2.206	3.4	20.1
12 7	4 18.02	+27 11.8	1.253	2.230	4.2	20.2
12 17	4 7.79	+26 46.3	1.308	2.254	9.0	20.6
12 27	4 0.47	+26 19.5	1.387	2.279	13.4	20.9
1 6	3 56.66	+25 56.7	1.487	2.303	17.1	21.2

238272 2003 WJ_{68} 11 30.3 94.°52 0.°5/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.01	+21 3.5	1.899	2.728	13.8	19.6
11 7	4 51.32	+21 45.3	1.843	2.750	10.2	19.4
11 17	4 41.27	+22 24.8	1.812	2.772	6.0	19.2
11 27	4 29.79	+23 0.0	1.809	2.794	1.6	18.9
12 7	4 18.10	+23 29.8	1.837	2.815	3.0	19.1
12 17	4 7.42	+23 54.7	1.895	2.836	7.1	19.4
12 27	3 58.79	+24 16.7	1.981	2.857	10.8	19.6
1 6	3 52.84	+24 38.0	2.091	2.876	13.9	19.9

115299 2003 SM_{204} 11 30.3 325.°44 6.°1/26.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.00	+12 48.5	1.718	2.571	13.9	18.2
11 7	4 43.69	+10 42.3	1.622	2.539	10.7	17.9
11 17	4 37.04	+ 8 29.7	1.552	2.507	7.5	17.7
11 27	4 28.79	+ 6 18.8	1.510	2.475	6.1	17.5
12 7	4 20.01	+ 4 19.2	1.496	2.445	8.0	17.6
12 17	4 11.86	+ 2 39.4	1.510	2.415	11.6	17.7
12 27	4 5.45	+ 1 25.4	1.547	2.386	15.4	17.9
1 6	4 1.54	+ 0 38.6	1.604	2.358	18.7	18.0

411897 2012 FV_{40} 11 30.3 104.°55 1.°9/30.9 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.78	+26 47.6	2.274	3.098	12.0	21.4
11 7	4 46.66	+27 10.2	2.202	3.105	9.0	21.2
11 17	4 38.52	+27 26.5	2.155	3.111	5.6	21.0
11 27	4 29.12	+27 35.1	2.137	3.118	2.4	20.8
12 7	4 19.42	+27 36.1	2.148	3.124	3.0	20.8
12 17	4 10.46	+27 30.9	2.189	3.130	6.3	21.1
12 27	4 3.12	+27 22.4	2.258	3.136	9.5	21.3
1 6	3 58.02	+27 13.7	2.351	3.143	12.3	21.5

172787 2004 FK_{15} 11 30.3 243.°92 3.°7/ 2.0 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.65	+34 17.8	2.186	2.992	13.1	20.3
11 7	4 48.32	+34 12.7	2.094	2.980	10.2	20.1
11 17	4 39.62	+33 53.8	2.026	2.968	7.0	19.9
11 27	4 29.41	+33 19.3	1.986	2.956	4.2	19.7
12 7	4 18.82	+32 30.0	1.974	2.943	4.2	19.7
12 17	4 9.04	+31 29.3	1.993	2.930	7.1	19.9
12 27	4 1.13	+30 23.1	2.039	2.917	10.4	20.0
1 6	3 55.78	+29 17.7	2.109	2.904	13.4	20.2

147743 2005 NU_{30} 11 30.3 87.°91 0.°5/30.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.25	+21 7.1	1.922	2.762	13.2	20.8
11 7	4 46.40	+20 54.6	1.856	2.770	9.7	20.6
11 17	4 38.39	+20 38.2	1.815	2.778	5.7	20.4
11 27	4 29.08	+20 18.9	1.800	2.786	1.5	20.1
12 7	4 19.55	+19 58.5	1.815	2.793	3.1	20.2
12 17	4 10.88	+19 39.7	1.859	2.801	7.2	20.5
12 27	4 4.04	+19 25.3	1.930	2.809	10.9	20.8
1 6	3 59.61	+19 17.6	2.024	2.816	14.0	21.0

300623 2007 UG_{33} 11 30.3 116.°65 3.°1/ 1.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.42	+32 32.8	1.874	2.692	14.4	20.1
11 7	4 48.89	+32 10.3	1.804	2.699	11.0	19.9
11 17	4 39.90	+31 32.9	1.757	2.706	7.2	19.7
11 27	4 29.45	+30 40.1	1.737	2.713	3.7	19.5
12 7	4 18.84	+29 34.6	1.746	2.720	3.9	19.5
12 17	4 9.35	+28 21.4	1.784	2.726	7.4	19.8
12 27	4 2.03	+27 7.5	1.849	2.733	11.0	20.0
1 6	3 57.47	+25 59.2	1.938	2.739	14.2	20.2

457917 2009 UH_{43} 11 30.3 8.°99 0.°9/29.9 16

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.12	+20 24.2	1.688	2.540	14.2	21.4
11 7	4 44.40	+20 7.5	1.622	2.542	10.4	21.1
11 17	4 37.34	+19 47.2	1.579	2.545	6.1	20.9
11 27	4 28.83	+19 24.8	1.563	2.548	1.7	20.6
12 7	4 20.05	+19 2.7	1.574	2.552	3.4	20.8
12 17	4 12.16	+18 43.9	1.613	2.557	7.9	21.0
12 27	4 6.20	+18 31.4	1.677	2.563	11.8	21.3
1 6	4 2.80	+18 27.0	1.763	2.569	15.2	21.5

316622 2011 WB_{71} 11 30.3 157.°23 0.°8/30.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.98	+26 3.5	2.141	2.968	12.5	20.8
11 7	4 46.81	+25 40.1	2.066	2.973	9.3	20.6
11 17	4 38.58	+25 8.5	2.017	2.976	5.6	20.3
11 27	4 29.13	+24 29.2	1.996	2.980	1.7	20.1
12 7	4 19.47	+23 44.6	2.005	2.983	2.7	20.2
12 17	4 10.65	+22 58.1	2.043	2.986	6.6	20.4
12 27	4 3.56	+22 14.2	2.110	2.988	10.1	20.6
1 6	3 58.78	+21 36.3	2.201	2.991	13.1	20.9

228076 2008 PJ_{15} 11 30.3 71.°51 0.°2/30.2 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 50.80	+21 51.8	2.162	2.998	12.1	21.0
11 7	4 45.09	+21 40.3	2.101	3.012	8.9	20.8
11 17	4 37.52	+21 24.8	2.064	3.026	5.2	20.6
11 27	4 28.85	+21 6.1	2.056	3.041	1.3	20.4
12 7	4 20.04	+20 45.9	2.077	3.055	2.7	20.5
12 17	4 12.03	+20 26.5	2.127	3.069	6.4	20.8
12 27	4 5.64	+20 10.7	2.205	3.083	9.8	21.0
1 6	4 1.39	+20 0.3	2.307	3.097	12.6	21.2

407646 2011 FB_3 11 30.3 346.°25 9.°2/ 2.0 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.99	+43 21.4	1.964	2.736	15.5	19.8
11 7	4 53.34	+45 8.5	1.888	2.731	13.2	19.6
11 17	4 43.20	+46 40.1	1.834	2.726	10.9	19.5
11 27	4 30.44	+47 47.8	1.806	2.722	9.5	19.4
12 7	4 16.62	+48 26.3	1.803	2.718	9.5	19.4
12 17	4 3.58	+48 35.2	1.827	2.715	10.9	19.5
12 27	3 53.07	+48 19.8	1.875	2.713	13.1	19.6
1 6	3 46.20	+47 48.6	1.944	2.710	15.4	19.8

519727 2013 CL_{179} 11 30.3 311.°02 4.°3/29.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.35	+11 28.4	1.640	2.489	14.7	20.8
11 7	4 46.19	+11 7.7	1.562	2.477	11.1	20.5
11 17	4 38.52	+10 51.9	1.507	2.465	7.3	20.3
11 27	4 29.19	+10 44.1	1.478	2.454	4.5	20.1
12 7	4 19.37	+10 46.9	1.477	2.443	5.8	20.1
12 17	4 10.31	+11 2.0	1.502	2.432	9.7	20.3
12 27	4 3.17	+11 30.0	1.552	2.422	13.6	20.6
1 6	3 58.70	+12 9.7	1.623	2.412	17.1	20.8

224767 2006 EK_{66} 11 30.3 2.°67 0.°5/30.1 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.13	+21 56.0	1.814	2.662	13.5	20.0
11 7	4 44.30	+21 31.5	1.744	2.661	10.0	19.8
11 17	4 37.26	+21 1.6	1.697	2.661	5.9	19.5
11 27	4 28.85	+20 27.9	1.677	2.662	1.5	19.2
12 7	4 20.16	+19 53.2	1.685	2.663	3.2	19.4
12 17	4 12.31	+19 20.8	1.721	2.665	7.5	19.6
12 27	4 6.28	+18 54.4	1.783	2.667	11.3	19.9
1 6	4 2.70	+18 36.5	1.868	2.670	14.6	20.1

511624 2015 BX_{87} 11 30.3 217.°24 3.°3/ 1.4 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 58.20	+30 19.9	1.543	2.373	16.4	22.0
11 7	4 51.65	+30 23.8	1.465	2.369	12.6	21.7
11 17	4 41.91	+30 14.0	1.410	2.364	8.2	21.5
11 27	4 30.06	+29 48.1	1.380	2.358	4.0	21.2
12 7	4 17.69	+29 7.1	1.377	2.353	4.4	21.2
12 17	4 6.46	+28 15.3	1.403	2.346	8.8	21.5
12 27	3 57.82	+27 20.3	1.453	2.340	13.3	21.7
1 6	3 52.60	+26 29.3	1.526	2.333	17.1	22.0

298494 2003 US_{282} 11 30.3 35.°13 5.°9/29.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.72	+ 7 5.8	1.356	2.206	17.1	19.4
11 7	4 47.94	+ 7 5.5	1.309	2.220	13.1	19.2
11 17	4 39.47	+ 7 17.5	1.283	2.236	8.9	19.0
11 27	4 29.40	+ 7 44.4	1.281	2.251	6.1	18.9
12 7	4 19.14	+ 8 26.9	1.306	2.268	7.1	19.0
12 17	4 10.09	+ 9 23.5	1.357	2.285	10.7	19.2
12 27	4 3.38	+10 31.6	1.432	2.303	14.4	19.5
1 6	3 59.65	+11 47.6	1.527	2.321	17.7	19.8

299635 2006 KH_{16} 11 30.3 231.°03 7.°9/27.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.54	− 0 49.7	2.017	2.836	13.5	20.7
11 7	4 45.81	− 0 9.8	1.945	2.827	11.0	20.5
11 17	4 38.07	− 0 58.6	1.896	2.818	8.9	20.3
11 27	4 29.06	− 1 31.0	1.874	2.808	7.9	20.3
12 7	4 19.72	− 1 43.1	1.878	2.798	8.8	20.3
12 17	4 11.05	− 1 33.4	1.910	2.788	11.0	20.4
12 27	4 3.93	− 1 2.6	1.965	2.777	13.6	20.6
1 6	3 59.00	− 0 13.6	2.042	2.766	16.1	20.7

160337 2003 RF_{18} 11 30.3 95.°57 6.°4/ 3.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 1.98	+40 46.4	1.966	2.746	15.2	20.0
11 7	4 53.72	+41 10.0	1.914	2.773	12.3	19.9
11 17	4 42.72	+41 14.2	1.883	2.800	9.3	19.7
11 27	4 30.18	+40 55.5	1.879	2.826	6.9	19.6
12 7	4 17.62	+40 14.4	1.903	2.851	6.6	19.7
12 17	4 6.50	+39 15.2	1.955	2.876	8.4	19.8
12 27	3 57.93	+38 5.6	2.035	2.900	11.0	20.0
1 6	3 52.49	+36 53.6	2.138	2.924	13.6	20.3

297518 2001 BQ_{43} 11 30.3 283.°98 4.°4/ 2.1 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.22	+34 33.2	1.778	2.594	15.2	20.4
11 7	4 49.36	+34 30.9	1.683	2.575	11.9	20.1
11 17	4 40.55	+34 12.1	1.610	2.555	8.3	19.8
11 27	4 29.75	+33 33.8	1.563	2.534	5.0	19.6
12 7	4 18.33	+32 36.7	1.544	2.514	5.0	19.6
12 17	4 7.81	+31 24.8	1.553	2.494	8.4	19.7
12 27	3 59.57	+30 6.1	1.588	2.474	12.4	19.9
1 6	3 54.46	+28 48.9	1.646	2.453	16.1	20.1

18625 1998 DZ_{13} 11 30.3 125.°36 0.°6/30.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.72	+21 3.1	1.693	2.530	14.9	19.4
11 7	4 50.58	+20 52.1	1.633	2.545	10.9	19.2
11 17	4 40.92	+20 36.7	1.597	2.560	6.4	18.9
11 27	4 29.77	+20 17.8	1.589	2.574	1.6	18.7
12 7	4 18.44	+19 57.3	1.609	2.587	3.4	18.8
12 17	4 8.24	+19 38.2	1.659	2.600	8.0	19.1
12 27	4 0.25	+19 23.9	1.735	2.612	12.0	19.4
1 6	3 55.10	+19 17.0	1.833	2.623	15.3	19.7

298102 2002 RO_{121} 11 30.3 32.°28 2.°1/29.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.04	+19 51.8	1.526	2.381	15.3	19.3
11 7	4 45.86	+18 52.9	1.468	2.389	11.2	19.1
11 17	4 38.20	+17 48.7	1.432	2.397	6.6	18.9
11 27	4 29.09	+16 43.5	1.423	2.406	2.5	18.6
12 7	4 19.82	+15 42.3	1.441	2.416	4.4	18.8
12 17	4 11.65	+14 50.5	1.487	2.426	8.9	19.1
12 27	4 5.63	+14 12.2	1.557	2.436	13.0	19.4
1 6	4 2.35	+13 49.1	1.648	2.447	16.4	19.6

147714 2005 KG_6 11 30.3 43.°92 3.°2/30.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.90	+24 39.7	1.143	1.998	19.3	18.9
11 7	4 53.37	+25 55.8	1.096	2.014	14.4	18.6
11 17	4 43.07	+27 5.8	1.070	2.032	9.0	18.4
11 27	4 30.37	+28 3.9	1.068	2.050	3.9	18.2
12 7	4 17.26	+28 46.3	1.092	2.068	5.0	18.3
12 17	4 5.78	+29 13.5	1.141	2.088	10.0	18.6
12 27	3 57.56	+29 30.3	1.214	2.107	14.8	19.0
1 6	3 53.36	+29 42.7	1.307	2.127	18.7	19.3

127653 2003 DX_4 11 30.3 192.°81 0.°0/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.55	+22 11.1	1.934	2.767	13.5	20.9
11 7	4 48.99	+22 10.6	1.856	2.765	10.0	20.7
11 17	4 40.06	+22 5.5	1.802	2.763	5.9	20.5
11 27	4 29.59	+21 56.0	1.776	2.761	1.5	20.2
12 7	4 18.75	+21 43.0	1.780	2.758	3.0	20.3
12 17	4 8.72	+21 28.9	1.813	2.755	7.3	20.5
12 27	4 0.58	+21 16.9	1.873	2.751	11.2	20.8
1 6	3 55.02	+21 9.7	1.957	2.746	14.5	21.0

84892 2003 QD_{79} 11 30.3 359.°00 8.°6/ 2.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.95	+38 21.2	1.453	2.276	17.6	17.6
11 7	4 47.70	+39 49.9	1.386	2.271	14.5	17.4
11 17	4 39.93	+41 2.2	1.340	2.268	11.3	17.2
11 27	4 29.65	+41 50.4	1.317	2.266	9.0	17.1
12 7	4 18.56	+42 10.2	1.318	2.266	9.0	17.1
12 17	4 8.58	+42 2.6	1.344	2.267	11.2	17.2
12 27	4 1.40	+41 34.2	1.392	2.270	14.3	17.4
1 6	3 58.03	+40 54.0	1.460	2.275	17.4	17.6

482327 2011 UG_{284} 11 30.3 345.°78 1.°3/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.35	+24 38.7	1.506	2.357	15.6	20.7
11 7	4 46.54	+24 48.2	1.432	2.350	11.7	20.4
11 17	4 38.89	+24 50.8	1.381	2.344	7.1	20.2
11 27	4 29.34	+24 45.7	1.354	2.338	2.3	19.9
12 7	4 19.27	+24 33.6	1.355	2.334	3.5	19.9
12 17	4 10.16	+24 17.4	1.382	2.330	8.4	20.2
12 27	4 3.31	+24 1.4	1.434	2.327	13.0	20.5
1 6	3 59.53	+23 49.7	1.507	2.324	16.8	20.7

401719 2013 HB_{122} 11 30.3 157.°04 0.°9/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.41	+20 5.3	2.079	2.917	12.4	21.9
11 7	4 45.72	+19 48.0	2.005	2.918	9.1	21.6
11 17	4 38.02	+19 27.5	1.957	2.920	5.4	21.4
11 27	4 29.07	+19 5.1	1.936	2.921	1.5	21.2
12 7	4 19.87	+18 42.8	1.945	2.922	3.1	21.3
12 17	4 11.41	+18 23.1	1.983	2.923	6.9	21.5
12 27	4 4.59	+18 8.5	2.049	2.924	10.5	21.8
1 6	4 0.02	+18 1.1	2.137	2.925	13.5	22.0

458390 2010 XT_9 11 30.3 125.°02 2.°5/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.16	+13 33.3	2.204	3.038	12.0	21.5
11 7	4 46.12	+13 36.5	2.134	3.043	8.9	21.3
11 17	4 38.20	+13 42.6	2.090	3.048	5.5	21.1
11 27	4 29.12	+13 52.7	2.073	3.053	2.7	20.9
12 7	4 19.78	+14 7.7	2.087	3.058	3.8	21.0
12 17	4 11.12	+14 28.1	2.131	3.063	7.1	21.2
12 27	4 3.98	+14 54.4	2.202	3.067	10.3	21.4
1 6	3 58.94	+15 26.5	2.296	3.071	13.1	21.6

317870 2003 UQ_{47} 11 30.3 351.°74 11.°5/24.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.33	+10 26.9	0.950	1.827	20.4	19.4
11 7	4 47.80	+ 6 47.8	0.899	1.824	16.0	19.1
11 17	4 39.76	+ 3 6.0	0.870	1.821	12.4	18.9
11 27	4 29.55	− 0 16.9	0.865	1.818	11.6	18.9
12 7	4 19.04	− 3 0.5	0.884	1.817	14.3	19.0
12 17	4 10.05	− 4 52.4	0.924	1.816	18.4	19.3
12 27	4 4.05	− 5 50.7	0.982	1.816	22.4	19.5
1 6	4 1.72	− 6 2.5	1.053	1.817	25.8	19.8

81258 2000 FD_{38} 11 30.3 183.°29 1.°3/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.70	+18 22.2	1.995	2.834	12.9	19.4
11 7	4 46.77	+18 16.5	1.921	2.834	9.5	19.2
11 17	4 38.69	+18 9.5	1.872	2.834	5.6	19.0
11 27	4 29.27	+18 2.3	1.850	2.834	1.8	18.7
12 7	4 19.52	+17 56.2	1.857	2.834	3.3	18.8
12 17	4 10.53	+17 52.9	1.894	2.833	7.3	19.1
12 27	4 3.25	+17 54.6	1.958	2.832	11.0	19.3
1 6	3 58.33	+18 2.7	2.045	2.832	14.1	19.5

170930 2005 AJ_9 11 30.3 219.°59 6.°0/ 2.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.75	+40 12.4	2.271	3.048	13.5	20.3
11 7	4 51.55	+40 40.4	2.181	3.039	11.0	20.1
11 17	4 41.68	+40 52.7	2.114	3.029	8.5	19.9
11 27	4 30.05	+40 45.1	2.073	3.019	6.4	19.8
12 7	4 17.93	+40 16.4	2.061	3.008	6.2	19.7
12 17	4 6.67	+39 29.0	2.078	2.997	8.1	19.8
12 27	3 57.49	+38 28.6	2.122	2.985	10.8	20.0
1 6	3 51.14	+37 22.5	2.190	2.972	13.4	20.1

104263 2000 EZ_{144} 11 30.3 238.°35 4.°9/27.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.83	+ 6 39.8	2.640	3.466	10.5	19.9
11 7	4 42.73	+ 5 43.1	2.561	3.456	8.2	19.7
11 17	4 36.13	+ 4 51.0	2.507	3.446	6.0	19.6
11 27	4 28.61	+ 4 7.1	2.482	3.436	4.9	19.5
12 7	4 20.86	+ 3 34.5	2.487	3.426	5.8	19.5
12 17	4 13.60	+ 3 15.4	2.520	3.416	8.0	19.6
12 27	4 7.50	+ 3 10.6	2.580	3.405	10.4	19.8
1 6	4 3.04	+ 3 19.5	2.663	3.394	12.6	19.9

351014 2003 QR_{55} 11 30.3 56.°27 6.°6/ 2.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.47	+36 44.0	1.485	2.301	17.7	20.3
11 7	4 52.59	+37 31.8	1.437	2.323	14.0	20.1
11 17	4 42.39	+38 0.7	1.410	2.345	10.2	20.0
11 27	4 30.20	+38 5.9	1.408	2.368	7.2	19.8
12 7	4 17.82	+37 46.7	1.432	2.391	7.0	19.9
12 17	4 7.01	+37 7.6	1.482	2.414	9.6	20.1
12 27	3 59.14	+36 16.7	1.556	2.437	12.9	20.4
1 6	3 54.86	+35 23.0	1.653	2.460	16.0	20.6

178474 1999 RY_{171} 11 30.3 43.°03 6.°0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.70	+10 30.1	1.180	2.043	18.3	19.7
11 7	4 48.27	+ 9 48.0	1.134	2.054	13.8	19.4
11 17	4 39.82	+ 9 13.6	1.107	2.066	9.2	19.2
11 27	4 29.56	+ 8 52.1	1.105	2.078	6.1	19.1
12 7	4 19.11	+ 8 47.5	1.127	2.091	7.6	19.2
12 17	4 10.03	+ 9 1.4	1.174	2.104	11.7	19.5
12 27	4 3.57	+ 9 33.0	1.243	2.118	15.9	19.8
1 6	4 0.38	+10 19.4	1.331	2.132	19.5	20.0

43187 1999 XF_{233} 11 30.3 61.°21 5.°0/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.86	+ 9 57.2	1.594	2.440	15.2	18.1
11 7	4 47.04	+ 9 28.3	1.541	2.453	11.5	17.9
11 17	4 38.87	+ 9 6.1	1.512	2.466	7.7	17.7
11 27	4 29.31	+ 8 54.1	1.508	2.480	5.1	17.6
12 7	4 19.60	+ 8 54.8	1.532	2.493	6.3	17.7
12 17	4 10.91	+ 9 9.4	1.582	2.507	9.7	17.9
12 27	4 4.26	+ 9 37.5	1.658	2.521	13.2	18.2
1 6	4 0.24	+10 17.5	1.754	2.535	16.3	18.4

107220 2001 BC_{48} 11 30.3 313.°12 5.°9/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.18	+10 11.3	1.548	2.401	15.2	19.7
11 7	4 45.41	+ 9 7.7	1.474	2.388	11.7	19.4
11 17	4 38.12	+ 8 7.7	1.422	2.376	8.1	19.2
11 27	4 29.18	+ 7 17.2	1.396	2.364	6.0	19.1
12 7	4 19.78	+ 6 41.6	1.396	2.353	7.4	19.1
12 17	4 11.21	+ 6 24.8	1.422	2.342	11.0	19.3
12 27	4 4.61	+ 6 28.2	1.472	2.331	14.8	19.5
1 6	4 0.73	+ 6 50.5	1.541	2.321	18.2	19.7

300656 2007 UX_{107} 11 30.3 57.°03 0.°8/30.0 11 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.20	+21 28.2	1.502	2.352	15.8	21.5
11 7	4 48.12	+21 0.3	1.455	2.373	11.5	21.3
11 17	4 39.50	+20 27.2	1.431	2.395	6.7	21.1
11 27	4 29.46	+19 51.0	1.432	2.418	1.8	20.8
12 7	4 19.38	+19 15.0	1.462	2.440	3.6	21.0
12 17	4 10.58	+18 43.3	1.519	2.463	8.3	21.3
12 27	4 4.09	+18 19.5	1.601	2.485	12.4	21.6
1 6	4 0.45	+18 5.8	1.705	2.508	15.8	21.9

140216 2001 SW_{235} 11 30.3 79.°23 2.°7/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.71	+15 7.6	1.890	2.732	13.3	19.8
11 7	4 46.01	+14 45.6	1.826	2.740	9.8	19.6
11 17	4 38.22	+14 24.6	1.787	2.748	6.0	19.4
11 27	4 29.16	+14 7.0	1.775	2.755	2.9	19.2
12 7	4 19.89	+13 54.8	1.792	2.763	4.3	19.4
12 17	4 11.46	+13 50.3	1.837	2.771	7.9	19.6
12 27	4 4.79	+13 54.7	1.909	2.778	11.4	19.8
1 6	4 0.46	+14 8.4	2.003	2.786	14.5	20.0

18067 2000 AB_{98} 11 30.3 297.°17 6.°8/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.77	+ 4 33.2	1.755	2.589	14.5	16.6
11 7	4 46.34	+ 4 5.3	1.678	2.577	11.5	16.4
11 17	4 38.59	+ 3 48.1	1.624	2.565	8.5	16.2
11 27	4 29.30	+ 3 46.0	1.596	2.553	6.8	16.1
12 7	4 19.56	+ 4 1.8	1.595	2.542	7.8	16.1
12 17	4 10.52	+ 4 36.3	1.621	2.530	10.7	16.2
12 27	4 3.25	+ 5 28.2	1.672	2.519	14.0	16.4
1 6	3 58.48	+ 6 34.5	1.743	2.508	17.0	16.6

142212 2002 RG_{64} 11 30.3 341.°17 7.°9/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.68	+ 5 49.9	1.548	2.398	15.4	19.1
11 7	4 44.20	+ 4 28.9	1.484	2.391	12.2	18.9
11 17	4 37.34	+ 3 15.8	1.442	2.384	9.2	18.7
11 27	4 28.98	+ 2 18.0	1.425	2.378	7.9	18.6
12 7	4 20.27	+ 1 41.4	1.433	2.373	9.2	18.7
12 17	4 12.41	+ 1 29.3	1.466	2.369	12.1	18.8
12 27	4 6.48	+ 1 41.9	1.522	2.365	15.4	19.0
1 6	4 3.13	+ 2 16.0	1.597	2.361	18.3	19.2

62656 2000 SJ_{365} 11 30.3 309.°12 0.°6/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.65	+20 16.5	1.975	2.815	12.9	19.4
11 7	4 46.07	+20 11.1	1.900	2.813	9.5	19.2
11 17	4 38.34	+20 2.9	1.849	2.812	5.6	18.9
11 27	4 29.23	+19 52.6	1.825	2.810	1.5	18.6
12 7	4 19.79	+19 41.7	1.831	2.808	3.0	18.8
12 17	4 11.09	+19 32.1	1.865	2.807	7.2	19.0
12 27	4 4.12	+19 26.5	1.926	2.805	10.9	19.2
1 6	3 59.51	+19 26.7	2.011	2.804	14.1	19.5

349429 2008 AO_{69} 11 30.3 221.°83 1.°8/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.71	+26 16.8	1.301	2.144	18.1	21.8
11 7	4 54.01	+26 18.4	1.224	2.137	13.7	21.5
11 17	4 43.61	+26 9.0	1.169	2.130	8.5	21.2
11 27	4 30.65	+25 46.8	1.138	2.121	2.9	20.8
12 7	4 16.95	+25 12.6	1.134	2.112	4.2	20.9
12 17	4 4.49	+24 31.4	1.156	2.103	9.9	21.2
12 27	3 55.00	+23 50.6	1.203	2.092	15.2	21.4
1 6	3 49.41	+23 17.1	1.270	2.081	19.7	21.7

278553 2008 FL_{96} 11 30.3 138.°11 1.°0/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.70	+19 25.2	1.745	2.583	14.4	21.5
11 7	4 49.88	+19 17.8	1.681	2.593	10.6	21.3
11 17	4 40.59	+19 7.9	1.640	2.603	6.3	21.0
11 27	4 29.80	+18 56.4	1.627	2.612	1.8	20.8
12 7	4 18.76	+18 44.8	1.644	2.621	3.5	20.9
12 17	4 8.72	+18 35.5	1.689	2.629	7.9	21.2
12 27	4 0.78	+18 31.4	1.760	2.636	11.9	21.5
1 6	3 55.56	+18 34.1	1.854	2.643	15.2	21.7

493119 2014 TF_{26} 11 30.3 306.°73 3.°0/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.27	+29 50.7	2.182	3.003	12.5	20.9
11 7	4 46.64	+30 19.5	2.096	2.994	9.6	20.7
11 17	4 38.76	+30 40.3	2.035	2.985	6.3	20.5
11 27	4 29.37	+30 50.7	2.001	2.977	3.5	20.3
12 7	4 19.52	+30 50.3	1.996	2.968	3.8	20.3
12 17	4 10.31	+30 40.3	2.021	2.960	6.9	20.5
12 27	4 2.80	+30 24.3	2.072	2.952	10.2	20.7
1 6	3 57.69	+30 6.2	2.147	2.944	13.1	20.9

436192 2009 WL_{127} 11 30.3 167.°25 1.°1/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.10	+17 15.0	1.841	2.674	14.0	21.2
11 7	4 50.95	+17 40.0	1.768	2.677	10.4	20.9
11 17	4 41.29	+18 6.3	1.719	2.681	6.2	20.7
11 27	4 30.01	+18 33.2	1.699	2.683	1.8	20.4
12 7	4 18.30	+19 0.3	1.709	2.685	3.4	20.5
12 17	4 7.44	+19 27.8	1.748	2.687	7.8	20.8
12 27	3 58.56	+19 56.9	1.815	2.688	11.7	21.1
1 6	3 52.38	+20 28.7	1.905	2.689	15.1	21.3

255526 2006 ET_{42} 11 30.3 114.°49 0.°3/30.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.34	+22 40.4	1.526	2.365	16.1	21.7
11 7	4 51.94	+22 15.6	1.471	2.384	11.8	21.4
11 17	4 41.80	+21 43.8	1.439	2.402	6.9	21.2
11 27	4 30.09	+21 6.4	1.435	2.420	1.7	20.9
12 7	4 18.28	+20 26.6	1.459	2.437	3.6	21.1
12 17	4 7.83	+19 48.9	1.511	2.453	8.5	21.4
12 27	3 59.87	+19 17.9	1.589	2.469	12.7	21.7
1 6	3 54.99	+18 56.8	1.689	2.483	16.3	22.0

3094 Chukokkala 11 30.3 206.°07 7.°3/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.73	+ 3 13.2	2.007	2.833	13.3	16.4
11 7	4 45.20	+ 2 4.9	1.941	2.831	10.7	16.3
11 17	4 37.74	+ 1 5.4	1.898	2.828	8.3	16.1
11 27	4 29.09	+ 0 20.4	1.883	2.825	7.3	16.1
12 7	4 20.19	− 0 6.1	1.895	2.822	8.2	16.1
12 17	4 11.99	− 0 12.0	1.934	2.819	10.6	16.3
12 27	4 5.36	+ 0 2.6	1.997	2.815	13.2	16.4
1 6	4 0.88	+ 0 35.2	2.081	2.811	15.6	16.6

272038 2005 ER_{86} 11 30.3 304.°75 4.°8/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.55	+ 6 46.1	2.159	2.989	12.3	20.1
11 7	4 45.16	+ 6 40.6	2.072	2.972	9.6	19.9
11 17	4 37.80	+ 6 43.3	2.009	2.955	6.8	19.7
11 27	4 29.14	+ 6 56.6	1.973	2.938	4.9	19.5
12 7	4 20.04	+ 7 22.1	1.967	2.922	5.8	19.6
12 17	4 11.46	+ 8 0.0	1.989	2.905	8.5	19.7
12 27	4 4.31	+ 8 49.6	2.037	2.889	11.6	19.9
1 6	3 59.22	+ 9 49.2	2.109	2.873	14.4	20.0

343845 2011 HN_{38} 11 30.3 150.°90 1.°3/30.8 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.93	+25 54.7	1.967	2.792	13.6	22.8
11 7	4 49.95	+25 57.5	1.897	2.801	10.1	22.6
11 17	4 40.61	+25 52.8	1.851	2.809	6.2	22.4
11 27	4 29.83	+25 39.9	1.834	2.817	2.1	22.1
12 7	4 18.78	+25 19.6	1.846	2.824	3.0	22.2
12 17	4 8.67	+24 54.9	1.888	2.830	7.1	22.5
12 27	4 0.53	+24 29.6	1.957	2.836	10.8	22.7
1 6	3 55.01	+24 7.8	2.050	2.841	13.9	22.9

345274 2005 VY_{102} 11 30.3 41.°08 1.°4/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.59	+23 9.1	1.253	2.108	17.9	20.4
11 7	4 50.66	+23 45.3	1.200	2.120	13.3	20.2
11 17	4 41.41	+24 16.4	1.168	2.132	8.0	19.9
11 27	4 30.06	+24 39.9	1.161	2.145	2.5	19.7
12 7	4 18.35	+24 55.2	1.180	2.159	4.0	19.8
12 17	4 8.03	+25 3.8	1.225	2.173	9.3	20.1
12 27	4 0.54	+25 9.9	1.294	2.188	14.0	20.5
1 6	3 56.63	+25 17.3	1.383	2.202	17.9	20.8

72766 2001 FS_{144} 11 30.3 298.°68 5.°3/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.37	+ 8 4.0	2.134	2.971	12.2	18.9
11 7	4 43.47	+ 7 9.2	2.058	2.962	9.4	18.7
11 17	4 36.74	+ 6 19.2	2.007	2.953	6.8	18.6
11 27	4 28.87	+ 5 38.1	1.983	2.944	5.3	18.5
12 7	4 20.70	+ 5 9.8	1.988	2.935	6.4	18.5
12 17	4 13.15	+ 4 56.5	2.020	2.927	9.0	18.7
12 27	4 7.02	+ 4 59.1	2.077	2.918	11.9	18.8
1 6	4 2.89	+ 5 16.8	2.157	2.910	14.5	19.0

489147 2006 DJ_{172} 11 30.3 244.°38 1.°9/ 1.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.68	+27 42.7	2.406	3.227	11.5	22.3
11 7	4 45.93	+27 53.0	2.320	3.221	8.7	22.1
11 17	4 38.22	+27 56.3	2.260	3.215	5.5	21.9
11 27	4 29.25	+27 51.6	2.228	3.208	2.4	21.6
12 7	4 19.92	+27 39.3	2.225	3.201	2.9	21.7
12 17	4 11.21	+27 21.2	2.253	3.194	6.1	21.9
12 27	4 4.01	+27 0.4	2.308	3.187	9.3	22.1
1 6	3 58.92	+26 40.2	2.388	3.180	12.1	22.2

286039 2001 SZ_{203} 11 30.3 86.°48 1.°9/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.13	+26 56.0	1.910	2.741	13.7	20.6
11 7	4 48.02	+27 9.8	1.842	2.748	10.3	20.4
11 17	4 39.54	+27 15.8	1.798	2.755	6.4	20.2
11 27	4 29.58	+27 12.8	1.781	2.762	2.6	19.9
12 7	4 19.33	+27 1.2	1.793	2.770	3.3	20.0
12 17	4 9.98	+26 43.5	1.833	2.777	7.1	20.3
12 27	4 2.59	+26 23.6	1.901	2.784	10.8	20.5
1 6	3 57.81	+26 5.4	1.992	2.791	13.9	20.7

365600 2010 TM_{171} 11 30.3 143.°54 2.°8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.87	+15 48.0	2.296	3.131	11.5	20.5
11 7	4 45.07	+14 50.8	2.228	3.138	8.5	20.3
11 17	4 37.56	+13 52.4	2.186	3.144	5.3	20.1
11 27	4 29.05	+12 56.2	2.172	3.150	2.9	20.0
12 7	4 20.40	+12 5.5	2.190	3.156	4.1	20.1
12 17	4 12.47	+11 23.8	2.237	3.162	7.2	20.3
12 27	4 6.01	+10 53.3	2.311	3.167	10.3	20.5
1 6	4 1.51	+10 35.1	2.409	3.172	12.9	20.7

484261 2007 GG_{77} 11 30.3 142.°55 3.°7/ 1.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.08	+34 51.1	2.987	3.774	10.4	21.8
11 7	4 48.12	+35 26.8	2.914	3.786	8.1	21.7
11 17	4 39.38	+35 53.0	2.866	3.797	5.8	21.5
11 27	4 29.53	+36 7.6	2.848	3.808	4.0	21.4
12 7	4 19.41	+36 9.8	2.860	3.818	4.0	21.5
12 17	4 9.91	+36 1.0	2.902	3.827	5.8	21.6
12 27	4 1.82	+35 44.0	2.974	3.837	8.0	21.8
1 6	3 55.70	+35 22.5	3.072	3.845	10.1	21.9

506521 2004 TW_{8} 11 30.3 40.°92 19.°1/ 1.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 16.60	+47 33.7	0.967	1.763	26.3	20.2
11 7	5 10.05	+51 30.2	0.925	1.770	23.3	20.0
11 17	4 55.66	+54 59.0	0.900	1.777	20.7	19.8
11 27	4 34.24	+57 33.1	0.894	1.785	19.3	19.8
12 7	4 9.55	+58 53.9	0.907	1.794	19.4	19.8
12 17	3 47.21	+59 1.3	0.939	1.803	20.9	20.0
12 27	3 31.98	+58 14.4	0.988	1.812	23.1	20.2
1 6	3 25.52	+56 58.4	1.050	1.822	25.4	20.4

291758 2006 KJ_{13} 11 30.3 143.°20 4.°4/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.33	+ 9 3.3	1.944	2.776	13.4	21.1
11 7	4 47.90	+ 8 53.3	1.878	2.782	10.2	20.9
11 17	4 39.37	+ 8 50.0	1.837	2.788	6.9	20.8
11 27	4 29.54	+ 8 55.7	1.823	2.794	4.5	20.6
12 7	4 19.45	+ 9 11.8	1.839	2.799	5.5	20.7
12 17	4 10.17	+ 9 38.9	1.883	2.804	8.6	20.9
12 27	4 2.62	+10 16.4	1.953	2.809	11.9	21.1
1 6	3 57.41	+11 2.9	2.047	2.813	14.7	21.3

414719 2009 WD_{249} 11 30.3 114.°30 4.°3/ 3.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.06	+39 4.3	2.416	3.200	12.6	19.8
11 7	4 48.32	+38 32.9	2.335	3.203	10.0	19.6
11 17	4 39.51	+37 44.4	2.278	3.205	7.2	19.4
11 27	4 29.54	+36 37.8	2.248	3.208	4.9	19.3
12 7	4 19.51	+35 15.4	2.249	3.211	4.5	19.3
12 17	4 10.46	+33 41.7	2.280	3.213	6.6	19.4
12 27	4 3.28	+32 3.7	2.340	3.216	9.4	19.6
1 6	3 58.48	+30 27.8	2.426	3.218	12.0	19.8

357666 2005 JQ_{119} 11 30.3 201.°03 2.°6/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.90	+15 38.9	2.097	2.934	12.4	22.1
11 7	4 46.10	+15 8.1	2.021	2.932	9.2	21.9
11 17	4 38.31	+14 37.1	1.970	2.930	5.6	21.7
11 27	4 29.27	+14 8.2	1.947	2.927	2.7	21.5
12 7	4 19.96	+13 44.0	1.953	2.923	4.1	21.6
12 17	4 11.35	+13 27.0	1.989	2.920	7.6	21.8
12 27	4 4.33	+13 19.2	2.051	2.916	11.0	22.0
1 6	3 59.49	+13 21.4	2.137	2.912	13.9	22.2

198067 2004 RS_{327} 11 30.3 58.°73 4.°0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.70	+14 48.9	1.497	2.351	15.6	20.5
11 7	4 47.14	+13 52.9	1.440	2.359	11.6	20.3
11 17	4 39.06	+12 57.4	1.406	2.367	7.3	20.0
11 27	4 29.46	+12 6.8	1.397	2.375	4.1	19.9
12 7	4 19.67	+11 26.1	1.416	2.384	5.7	20.0
12 17	4 10.98	+10 59.1	1.461	2.392	9.8	20.3
12 27	4 4.45	+10 48.0	1.531	2.401	13.7	20.5
1 6	4 0.72	+10 52.5	1.621	2.410	17.1	20.8

26798 1979 QG_2 11 30.3 70.°16 2.°1/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.54	+18 5.8	1.394	2.245	16.7	19.4
11 7	4 49.96	+17 40.6	1.350	2.268	12.2	19.2
11 17	4 40.66	+17 13.8	1.327	2.292	7.2	18.9
11 27	4 29.85	+16 47.9	1.331	2.315	2.6	18.7
12 7	4 19.01	+16 26.0	1.362	2.338	4.4	18.9
12 17	4 9.55	+16 11.1	1.420	2.361	9.1	19.2
12 27	4 2.57	+16 5.9	1.503	2.383	13.3	19.5
1 6	3 58.64	+16 11.2	1.607	2.406	16.8	19.8

363303 2002 MX_6 11 30.3 213.°51 1.°6/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.33	+28 51.5	2.711	3.525	10.6	21.2
11 7	4 45.44	+28 38.0	2.622	3.519	8.0	21.0
11 17	4 37.83	+28 16.1	2.560	3.513	5.0	20.8
11 27	4 29.16	+27 45.9	2.526	3.506	2.2	20.6
12 7	4 20.24	+27 8.5	2.523	3.499	2.6	20.6
12 17	4 11.93	+26 26.5	2.551	3.492	5.5	20.8
12 27	4 4.98	+25 43.4	2.607	3.484	8.5	21.0
1 6	3 59.94	+25 2.8	2.689	3.476	11.1	21.1

219936 2002 GS_{131} 11 30.3 354.°74 2.°2/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.77	+17 43.0	2.028	2.871	12.5	19.9
11 7	4 44.57	+16 55.7	1.955	2.870	9.2	19.7
11 17	4 37.41	+16 5.9	1.907	2.870	5.6	19.4
11 27	4 29.06	+15 16.5	1.888	2.869	2.4	19.2
12 7	4 20.47	+14 31.0	1.897	2.869	3.9	19.3
12 17	4 12.63	+13 53.0	1.935	2.869	7.6	19.6
12 27	4 6.41	+13 25.2	2.000	2.869	11.0	19.8
1 6	4 2.36	+13 9.2	2.087	2.869	14.0	20.0

444563 2006 SU_{401} 11 30.3 81.°12 1.°1/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.20	+24 4.5	1.885	2.720	13.7	21.3
11 7	4 48.08	+24 22.2	1.817	2.727	10.1	21.1
11 17	4 39.60	+24 34.7	1.774	2.734	6.1	20.9
11 27	4 29.64	+24 41.0	1.757	2.741	2.0	20.6
12 7	4 19.36	+24 41.4	1.770	2.748	3.0	20.7
12 17	4 9.96	+24 37.5	1.811	2.755	7.1	21.0
12 27	4 2.48	+24 32.6	1.880	2.762	10.9	21.3
1 6	3 57.60	+24 29.6	1.971	2.769	14.1	21.5

481591 2007 TN_{202} 11 30.3 99.°79 6.°2/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 2.23	+34 5.6	1.824	2.628	15.3	20.9
11 7	4 54.72	+35 41.5	1.751	2.631	12.2	20.7
11 17	4 43.95	+37 7.1	1.702	2.635	8.9	20.6
11 27	4 30.84	+38 15.2	1.680	2.638	6.5	20.4
12 7	4 16.89	+39 1.0	1.687	2.641	6.7	20.5
12 17	4 3.81	+39 24.0	1.722	2.644	9.3	20.6
12 27	3 53.16	+39 28.7	1.784	2.646	12.5	20.8
1 6	3 45.92	+39 22.2	1.868	2.649	15.4	21.0

493152 2014 TL_{67} 11 30.3 306.°92 5.°7/26.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.61	+ 9 37.9	2.053	2.894	12.5	20.6
11 7	4 43.75	+ 7 59.7	1.973	2.879	9.7	20.4
11 17	4 36.97	+ 6 22.4	1.918	2.864	7.0	20.2
11 27	4 28.98	+ 4 52.2	1.891	2.850	5.7	20.1
12 7	4 20.69	+ 3 35.3	1.893	2.835	7.1	20.2
12 17	4 13.02	+ 2 36.3	1.922	2.821	9.9	20.3
12 27	4 6.84	+ 1 58.0	1.977	2.808	12.8	20.5
1 6	4 2.74	+ 1 40.0	2.053	2.794	15.5	20.6

326514 2002 NT_{39} 11 30.3 157.°00 3.°1/ 1.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.58	+33 26.8	2.633	3.435	11.2	20.9
11 7	4 46.43	+33 29.4	2.555	3.439	8.7	20.7
11 17	4 38.44	+33 21.4	2.502	3.443	5.9	20.5
11 27	4 29.34	+33 1.6	2.477	3.447	3.6	20.4
12 7	4 20.03	+32 30.7	2.482	3.450	3.6	20.4
12 17	4 11.42	+31 51.3	2.518	3.454	5.9	20.6
12 27	4 4.34	+31 7.0	2.582	3.457	8.6	20.7
1 6	3 59.32	+30 22.4	2.671	3.459	11.1	20.9

45808 2000 QG_{24} 11 30.3 246.°12 1.°6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.70	+19 20.6	1.379	2.232	16.7	19.6
11 7	4 49.86	+19 0.4	1.309	2.229	12.4	19.4
11 17	4 40.96	+18 36.8	1.261	2.226	7.4	19.1
11 27	4 30.04	+18 11.4	1.239	2.223	2.3	18.8
12 7	4 18.63	+17 47.1	1.243	2.220	4.3	18.9
12 17	4 8.32	+17 27.8	1.273	2.216	9.6	19.2
12 27	4 0.49	+17 17.2	1.328	2.213	14.4	19.5
1 6	3 55.96	+17 17.6	1.403	2.209	18.4	19.7

85224 1993 FT_{28} 11 30.3 197.°13 1.°2/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.20	+20 18.6	1.874	2.710	13.7	20.9
11 7	4 48.79	+19 47.3	1.796	2.708	10.1	20.7
11 17	4 40.02	+19 11.4	1.742	2.705	6.0	20.4
11 27	4 29.77	+18 32.5	1.717	2.701	1.8	20.2
12 7	4 19.18	+17 53.7	1.721	2.697	3.5	20.3
12 17	4 9.45	+17 18.6	1.754	2.692	7.8	20.5
12 27	4 1.62	+16 50.8	1.814	2.687	11.8	20.8
1 6	3 56.36	+16 32.8	1.897	2.681	15.1	21.0

387029 2012 SN_{15} 11 30.3 231.°46 0.°5/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.79	+24 51.3	1.780	2.616	14.3	20.7
11 7	4 48.72	+24 28.9	1.698	2.609	10.7	20.5
11 17	4 40.09	+23 57.7	1.641	2.602	6.4	20.2
11 27	4 29.80	+23 18.4	1.610	2.594	1.8	19.9
12 7	4 19.10	+22 33.5	1.608	2.587	3.2	20.0
12 17	4 9.30	+21 47.0	1.635	2.579	7.8	20.3
12 27	4 1.54	+21 4.2	1.688	2.570	12.0	20.5
1 6	3 56.54	+20 29.3	1.764	2.562	15.6	20.7

412454 2014 GV_{36} 11 30.3 110.°87 6.°3/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.33	+ 3 8.2	2.081	2.900	13.1	20.9
11 7	4 46.92	+ 2 41.1	2.028	2.916	10.4	20.7
11 17	4 38.69	+ 2 24.6	1.999	2.932	7.8	20.6
11 27	4 29.39	+ 2 22.0	1.997	2.947	6.3	20.5
12 7	4 19.99	+ 2 35.2	2.024	2.962	7.1	20.6
12 17	4 11.39	+ 3 4.1	2.079	2.976	9.3	20.8
12 27	4 4.41	+ 3 47.5	2.160	2.990	11.9	21.0
1 6	3 59.55	+ 4 42.5	2.264	3.004	14.3	21.2

88923 2001 TR_{14} 11 30.3 295.°40 1.°0/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.05	+25 56.7	1.524	2.369	15.8	19.2
11 7	4 48.55	+25 35.5	1.447	2.362	11.9	19.0
11 17	4 40.15	+25 3.7	1.392	2.354	7.2	18.7
11 27	4 29.84	+24 21.4	1.363	2.347	2.2	18.4
12 7	4 19.06	+23 31.5	1.361	2.340	3.5	18.5
12 17	4 9.31	+22 39.1	1.387	2.333	8.6	18.7
12 27	4 1.90	+21 50.5	1.437	2.327	13.2	19.0
1 6	3 57.61	+21 10.7	1.509	2.320	17.1	19.2

262962 2007 DY_{91} 11 30.3 79.°77 1.°3/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.41	+18 42.4	2.054	2.893	12.5	20.5
11 7	4 45.73	+18 28.0	1.989	2.902	9.2	20.3
11 17	4 38.09	+18 11.9	1.949	2.912	5.4	20.1
11 27	4 29.26	+17 55.4	1.937	2.921	1.8	19.9
12 7	4 20.24	+17 40.3	1.954	2.930	3.2	20.0
12 17	4 12.00	+17 28.7	2.000	2.939	7.0	20.3
12 27	4 5.42	+17 22.8	2.074	2.948	10.4	20.5
1 6	4 1.05	+17 23.8	2.170	2.958	13.3	20.7

177701 2005 GM_{66} 11 30.3 95.°42 1.°2/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.76	+19 43.1	1.829	2.671	13.7	20.9
11 7	4 46.95	+19 20.5	1.763	2.677	10.1	20.7
11 17	4 38.90	+18 54.8	1.720	2.683	5.9	20.5
11 27	4 29.48	+18 27.4	1.705	2.689	1.8	20.2
12 7	4 19.82	+18 1.0	1.719	2.695	3.4	20.4
12 17	4 11.06	+17 38.5	1.761	2.701	7.6	20.6
12 27	4 4.17	+17 22.8	1.830	2.707	11.4	20.9
1 6	3 59.78	+17 15.8	1.921	2.713	14.7	21.1

80528 2000 AZ_{64} 11 30.3 274.°36 0.°8/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.99	+20 10.9	1.559	2.406	15.4	19.8
11 7	4 49.29	+20 6.4	1.474	2.390	11.5	19.5
11 17	4 40.67	+19 58.7	1.411	2.375	6.9	19.2
11 27	4 30.01	+19 48.2	1.374	2.359	1.9	18.9
12 7	4 18.65	+19 36.6	1.364	2.342	3.8	19.0
12 17	4 8.10	+19 26.4	1.382	2.326	8.9	19.2
12 27	3 59.74	+19 21.1	1.426	2.310	13.6	19.5
1 6	3 54.46	+19 23.6	1.490	2.293	17.7	19.7

393760 2005 GE_{18} 11 30.3 203.°23 2.°2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.45	+16 24.8	2.188	3.023	12.0	21.7
11 7	4 46.47	+15 54.9	2.109	3.019	8.9	21.5
11 17	4 38.54	+15 24.2	2.054	3.015	5.4	21.3
11 27	4 29.39	+14 54.7	2.029	3.010	2.4	21.1
12 7	4 19.96	+14 28.8	2.033	3.005	3.8	21.2
12 17	4 11.19	+14 9.1	2.067	2.999	7.3	21.4
12 27	4 3.96	+13 57.7	2.129	2.993	10.7	21.6
1 6	3 58.87	+13 55.7	2.213	2.987	13.6	21.8

106584 2000 WG_{104} 11 30.3 357.°45 4.°5/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.94	+12 27.4	1.076	1.947	19.0	19.1
11 7	4 48.35	+12 24.1	1.017	1.944	14.4	18.8
11 17	4 40.30	+12 28.5	0.977	1.941	9.1	18.5
11 27	4 29.92	+12 43.4	0.960	1.940	4.8	18.3
12 7	4 18.93	+13 10.7	0.966	1.939	6.4	18.4
12 17	4 9.20	+13 50.5	0.997	1.940	11.6	18.6
12 27	4 2.29	+14 42.0	1.049	1.942	16.6	18.9
1 6	3 59.08	+15 43.1	1.120	1.944	20.9	19.2

444762 2007 RC_{220} 11 30.3 180.°63 7.°2/ 2.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.52	+39 46.5	1.888	2.678	15.4	21.1
11 7	4 52.65	+40 44.3	1.813	2.678	12.6	20.9
11 17	4 42.63	+41 25.7	1.761	2.678	9.7	20.7
11 27	4 30.50	+41 44.8	1.733	2.678	7.6	20.6
12 7	4 17.75	+41 39.3	1.733	2.678	7.4	20.6
12 17	4 6.04	+41 11.0	1.760	2.678	9.4	20.7
12 27	3 56.81	+40 26.3	1.813	2.677	12.2	20.9
1 6	3 50.91	+39 33.5	1.888	2.677	15.0	21.1

259429 2003 SA_5 11 30.4 67.°83 4.°0/29.1 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.42	+16 3.4	1.221	2.079	18.1	19.6
11 7	4 50.72	+14 58.3	1.184	2.105	13.3	19.4
11 17	4 41.12	+13 53.4	1.169	2.132	8.2	19.2
11 27	4 30.00	+12 54.6	1.178	2.158	4.2	19.0
12 7	4 19.00	+12 7.4	1.214	2.184	6.1	19.2
12 17	4 9.61	+11 36.1	1.276	2.211	10.6	19.5
12 27	4 2.94	+11 22.7	1.362	2.237	14.8	19.8
1 6	3 59.49	+11 26.5	1.467	2.262	18.3	20.1

264113 2009 SA_{351} 11 30.4 134.°10 1.°2/30.7 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.98	+24 34.8	2.222	3.050	12.1	21.0
11 7	4 46.98	+24 58.0	2.145	3.051	9.0	20.8
11 17	4 38.91	+25 16.5	2.094	3.052	5.5	20.6
11 27	4 29.50	+25 29.3	2.071	3.054	1.9	20.3
12 7	4 19.75	+25 36.2	2.077	3.055	2.8	20.4
12 17	4 10.68	+25 38.5	2.114	3.056	6.4	20.6
12 27	4 3.22	+25 38.4	2.178	3.058	9.8	20.9
1 6	3 58.01	+25 38.8	2.267	3.059	12.7	21.1

116888 2004 FW_{123} 11 30.4 260.°44 0.°0/30.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.93	+20 53.9	2.238	3.065	12.1	19.8
11 7	4 48.58	+21 11.5	2.136	3.043	9.0	19.6
11 17	4 39.99	+21 27.3	2.060	3.021	5.4	19.3
11 27	4 29.83	+21 40.7	2.013	2.998	1.4	19.0
12 7	4 19.05	+21 51.7	1.996	2.974	2.8	19.1
12 17	4 8.74	+22 0.9	2.010	2.950	6.8	19.3
12 27	3 59.95	+22 10.4	2.052	2.926	10.6	19.5
1 6	3 53.44	+22 22.1	2.118	2.901	13.8	19.6

316205 2010 MK_{69} 11 30.4 338.°63 4.°8/28.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 50.34	+10 7.7	1.763	2.608	14.0	20.2
11 7	4 45.27	+ 9 35.5	1.692	2.604	10.6	20.0
11 17	4 37.99	+ 9 8.5	1.645	2.600	7.2	19.8
11 27	4 29.28	+ 8 50.4	1.625	2.596	4.9	19.6
12 7	4 20.24	+ 8 44.3	1.632	2.592	6.1	19.7
12 17	4 11.96	+ 8 51.9	1.666	2.589	9.4	19.9
12 27	4 5.45	+ 9 13.5	1.725	2.586	12.9	20.1
1 6	4 1.36	+ 9 47.9	1.805	2.584	16.0	20.3

374794 2006 TK_{76} 11 30.4 27.°56 6.°7/28.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 50.71	+12 16.5	0.966	1.846	19.9	20.3
11 7	4 46.47	+10 58.2	0.929	1.859	15.0	20.0
11 17	4 38.93	+ 9 45.8	0.911	1.874	9.9	19.8
11 27	4 29.50	+ 8 47.8	0.915	1.889	6.8	19.7
12 7	4 19.98	+ 8 11.0	0.942	1.907	8.5	19.9
12 17	4 12.05	+ 7 59.1	0.991	1.925	12.9	20.2
12 27	4 6.99	+ 8 11.7	1.061	1.945	17.3	20.5
1 6	4 5.37	+ 8 45.0	1.149	1.965	21.0	20.8

494781 2006 SR_{86} 11 30.4 34.°35 2.°9/ 1.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.06	+28 21.3	1.530	2.371	16.0	20.9
11 7	4 48.45	+28 44.9	1.473	2.382	12.1	20.7
11 17	4 40.01	+28 58.1	1.437	2.394	7.7	20.4
11 27	4 29.80	+28 59.0	1.427	2.406	3.6	20.2
12 7	4 19.29	+28 47.9	1.443	2.419	4.1	20.3
12 17	4 9.96	+28 27.8	1.487	2.433	8.2	20.6
12 27	4 3.03	+28 3.8	1.556	2.447	12.3	20.8
1 6	3 59.19	+27 41.2	1.647	2.461	15.7	21.1

511182 2013 YD_{102} 11 30.4 290.°31 4.°9/29.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.23	+11 26.3	1.500	2.350	15.7	21.3
11 7	4 47.83	+10 54.8	1.426	2.341	12.0	21.0
11 17	4 39.70	+10 27.8	1.374	2.332	7.9	20.8
11 27	4 29.76	+10 9.5	1.348	2.322	5.0	20.6
12 7	4 19.30	+10 3.2	1.348	2.313	6.4	20.7
12 17	4 9.72	+10 11.3	1.375	2.305	10.4	20.9
12 27	4 2.26	+10 34.4	1.426	2.296	14.6	21.1
1 6	3 57.71	+11 11.4	1.497	2.287	18.2	21.3

285382 1999 TA_{149} 11 30.4 45.°58 3.°7/ 1.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.77	+31 6.6	1.721	2.549	15.1	20.0
11 7	4 48.68	+31 33.2	1.669	2.569	11.5	19.9
11 17	4 40.00	+31 47.7	1.640	2.590	7.6	19.7
11 27	4 29.78	+31 47.9	1.636	2.611	4.3	19.5
12 7	4 19.38	+31 34.2	1.660	2.632	4.5	19.6
12 17	4 10.15	+31 9.6	1.712	2.654	7.7	19.8
12 27	4 3.18	+30 39.3	1.791	2.676	11.2	20.1
1 6	3 59.08	+30 8.9	1.891	2.698	14.3	20.3

118241 1997 LJ_9 11 30.4 79.°97 1.°1/30.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.25	+19 49.3	1.474	2.320	16.2	20.4
11 7	4 50.49	+19 39.0	1.425	2.341	11.9	20.2
11 17	4 41.04	+19 25.8	1.398	2.362	7.0	20.0
11 27	4 30.04	+19 10.6	1.398	2.383	1.9	19.7
12 7	4 18.94	+18 55.6	1.426	2.404	3.8	19.9
12 17	4 9.15	+18 43.8	1.482	2.424	8.5	20.3
12 27	4 1.79	+18 38.0	1.562	2.444	12.8	20.6
1 6	3 57.44	+18 40.3	1.665	2.464	16.2	20.8

493859 2015 XA_{61} 11 30.4 262.°87 4.°5/28.6 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.96	+ 9 11.8	2.240	3.073	11.8	21.4
11 7	4 44.65	+ 8 38.4	2.157	3.061	9.1	21.2
11 17	4 37.50	+ 8 9.5	2.099	3.048	6.3	21.0
11 27	4 29.17	+ 7 48.2	2.069	3.036	4.5	20.9
12 7	4 20.50	+ 7 37.2	2.068	3.023	5.5	20.9
12 17	4 12.38	+ 7 38.1	2.095	3.010	8.3	21.1
12 27	4 5.65	+ 7 51.8	2.149	2.997	11.2	21.2
1 6	4 0.89	+ 8 17.4	2.225	2.984	13.9	21.4

303633 2005 JZ_{92} 11 30.4 306.°95 1.°2/30.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.32	+27 43.5	1.778	2.613	14.4	19.8
11 7	4 47.60	+27 9.2	1.702	2.610	10.8	19.6
11 17	4 39.39	+26 22.9	1.649	2.608	6.6	19.4
11 27	4 29.65	+25 25.6	1.622	2.606	2.2	19.1
12 7	4 19.63	+24 20.6	1.625	2.604	3.1	19.1
12 17	4 10.58	+23 13.0	1.656	2.601	7.5	19.4
12 27	4 3.59	+22 9.2	1.714	2.599	11.6	19.7
1 6	3 59.31	+21 14.2	1.795	2.597	15.1	19.9

442395 2011 UC_{42} 11 30.4 102.°44 5.°8/ 1.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.35	+35 18.7	1.872	2.676	15.0	21.1
11 7	4 52.33	+36 21.7	1.804	2.684	11.9	20.9
11 17	4 42.37	+37 11.7	1.759	2.692	8.6	20.8
11 27	4 30.45	+37 43.5	1.741	2.699	6.2	20.6
12 7	4 18.01	+37 54.7	1.750	2.707	6.2	20.7
12 17	4 6.57	+37 46.8	1.788	2.714	8.6	20.8
12 27	3 57.47	+37 25.0	1.852	2.721	11.7	21.0
1 6	3 51.52	+36 56.4	1.938	2.728	14.6	21.2

356622 2011 UQ_{17} 11 30.4 261.°76 0.°0/30.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.51	+23 3.3	1.897	2.736	13.4	20.8
11 7	4 46.89	+22 45.2	1.818	2.730	10.0	20.5
11 17	4 38.96	+22 20.9	1.762	2.725	5.9	20.3
11 27	4 29.56	+21 51.2	1.734	2.719	1.5	20.0
12 7	4 19.79	+21 18.4	1.735	2.714	3.0	20.1
12 17	4 10.82	+20 45.6	1.765	2.708	7.3	20.3
12 27	4 3.68	+20 16.8	1.821	2.702	11.3	20.6
1 6	3 59.05	+19 55.1	1.900	2.697	14.6	20.8

516738 2009 HN_6 11 30.4 157.°64 4.°8/28.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.09	+ 9 15.4	2.125	2.958	12.4	21.6
11 7	4 45.40	+ 8 26.9	2.059	2.962	9.5	21.5
11 17	4 37.88	+ 7 42.8	2.017	2.966	6.5	21.3
11 27	4 29.26	+ 7 7.0	2.004	2.969	4.8	21.2
12 7	4 20.43	+ 6 42.7	2.019	2.972	5.9	21.3
12 17	4 12.31	+ 6 31.9	2.063	2.974	8.6	21.4
12 27	4 5.71	+ 6 35.4	2.133	2.977	11.5	21.6
1 6	4 1.18	+ 6 52.3	2.225	2.979	14.1	21.8

160255 2002 PJ_{131} 11 30.4 151.°06 5.°5/ 4.1 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.06	+43 39.8	2.788	3.543	11.8	20.3
11 7	4 49.02	+43 39.9	2.710	3.549	9.8	20.2
11 17	4 39.98	+43 23.7	2.654	3.554	7.6	20.0
11 27	4 29.77	+42 49.0	2.625	3.559	6.0	19.9
12 7	4 19.45	+41 56.2	2.626	3.564	5.6	19.9
12 17	4 10.04	+40 48.4	2.656	3.569	6.8	20.0
12 27	4 2.41	+39 30.8	2.715	3.573	8.8	20.1
1 6	3 57.09	+38 9.6	2.799	3.578	10.9	20.3

4201 Orosz 11 30.4 173.°86 0.°5/30.1 18 R

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 49.44	+21 12.8	3.045	3.869	9.3	17.5
11 7	4 43.80	+20 47.1	2.966	3.872	6.8	17.3
11 17	4 36.79	+20 17.9	2.914	3.874	4.0	17.1
11 27	4 28.97	+19 46.5	2.891	3.876	1.1	16.9
12 7	4 20.99	+19 14.5	2.901	3.877	2.2	17.0
12 17	4 13.53	+18 44.0	2.941	3.878	5.1	17.2
12 27	4 7.20	+18 17.2	3.011	3.879	7.8	17.4
1 6	4 2.43	+17 55.7	3.106	3.879	10.1	17.6

334122 2001 RH_3 11 30.4 30.°43 6.°3/ 2.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.96	+36 53.1	1.226	2.060	19.6	19.7
11 7	4 50.58	+36 58.2	1.172	2.070	15.5	19.5
11 17	4 41.52	+36 39.7	1.137	2.080	11.0	19.3
11 27	4 30.21	+35 54.1	1.124	2.092	7.2	19.1
12 7	4 18.69	+34 43.8	1.136	2.104	6.7	19.1
12 17	4 8.91	+33 16.5	1.172	2.117	10.1	19.3
12 27	4 2.32	+31 44.1	1.233	2.130	14.3	19.6
1 6	3 59.59	+30 16.8	1.314	2.145	18.1	19.9

484741 2008 YZ_{91} 11 30.4 36.°66 6.°0/ 3.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.96	+38 54.1	1.623	2.430	16.8	21.2
11 7	4 50.72	+38 48.5	1.554	2.434	13.5	21.0
11 17	4 41.38	+38 21.1	1.505	2.438	9.8	20.8
11 27	4 30.17	+37 28.9	1.481	2.442	6.7	20.6
12 7	4 18.73	+36 13.6	1.484	2.446	6.3	20.6
12 17	4 8.67	+34 41.6	1.514	2.451	8.9	20.7
12 27	4 1.29	+33 2.6	1.570	2.456	12.5	21.0
1 6	3 57.24	+31 26.3	1.649	2.461	15.8	21.2

35707 1999 FZ_{25} 11 30.4 128.°24 3.°6/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.99	+31 28.0	1.846	2.663	14.6	19.3
11 7	4 51.04	+31 45.5	1.779	2.673	11.2	19.1
11 17	4 41.44	+31 50.8	1.735	2.684	7.5	18.9
11 27	4 30.21	+31 41.7	1.719	2.693	4.1	18.7
12 7	4 18.69	+31 18.3	1.731	2.703	4.3	18.7
12 17	4 8.25	+30 44.0	1.772	2.712	7.6	19.0
12 27	4 0.05	+30 4.3	1.840	2.720	11.2	19.2
1 6	3 54.75	+29 25.0	1.930	2.728	14.4	19.4

515043 2010 CW_{148} 11 30.4 229.°07 1.°1/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.53	+25 16.9	1.927	2.757	13.6	22.4
11 7	4 49.22	+25 15.7	1.841	2.748	10.2	22.2
11 17	4 40.43	+25 7.2	1.779	2.738	6.2	21.9
11 27	4 29.99	+24 50.9	1.745	2.728	2.0	21.6
12 7	4 19.07	+24 27.6	1.740	2.718	3.1	21.7
12 17	4 8.92	+24 0.3	1.764	2.707	7.4	21.9
12 27	4 0.68	+23 33.1	1.815	2.696	11.4	22.1
1 6	3 55.09	+23 10.0	1.889	2.684	14.8	22.4

386085 2007 LY_{37} 11 30.4 146.°86 0.°0/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.83	+21 23.5	2.192	3.016	12.4	21.3
11 7	4 49.68	+21 35.9	2.122	3.028	9.1	21.2
11 17	4 40.46	+21 45.2	2.079	3.039	5.4	20.9
11 27	4 29.95	+21 51.0	2.064	3.049	1.4	20.7
12 7	4 19.20	+21 53.7	2.080	3.058	2.7	20.8
12 17	4 9.24	+21 54.7	2.127	3.067	6.5	21.1
12 27	4 1.00	+21 56.1	2.202	3.075	10.0	21.3
1 6	3 55.08	+22 0.3	2.301	3.082	12.9	21.5

193724 2001 FT_{113} 11 30.4 144.°87 5.°9/26.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.25	+ 0 5.2	3.038	3.841	9.8	21.7
11 7	4 42.83	− 0 55.2	2.982	3.852	8.0	21.6
11 17	4 36.18	− 1 47.4	2.952	3.863	6.5	21.5
11 27	4 28.84	− 2 27.8	2.950	3.873	5.9	21.5
12 7	4 21.40	− 2 53.9	2.978	3.882	6.6	21.5
12 17	4 14.46	− 3 4.6	3.033	3.892	8.0	21.6
12 27	4 8.56	− 3 0.0	3.115	3.900	9.7	21.8
1 6	4 4.10	− 2 41.6	3.218	3.908	11.3	21.9

94903 2001 YP_{20} 11 30.4 216.°20 1.°5/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.63	+27 15.2	1.796	2.626	14.4	20.0
11 7	4 49.39	+27 2.3	1.716	2.622	10.8	19.7
11 17	4 40.54	+26 39.3	1.659	2.618	6.7	19.5
11 27	4 30.01	+26 5.5	1.630	2.612	2.4	19.2
12 7	4 19.09	+25 23.1	1.629	2.607	3.3	19.3
12 17	4 9.09	+24 35.9	1.657	2.601	7.6	19.5
12 27	4 1.19	+23 49.5	1.712	2.595	11.8	19.8
1 6	3 56.11	+23 8.9	1.789	2.589	15.3	20.0

198729 2005 EE_{23} 11 30.4 4.°35 1.°0/30.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.53	+19 50.7	2.083	2.924	12.3	20.5
11 7	4 44.46	+19 34.8	2.010	2.924	9.0	20.3
11 17	4 37.44	+19 16.2	1.961	2.925	5.3	20.0
11 27	4 29.20	+18 56.2	1.941	2.925	1.6	19.8
12 7	4 20.69	+18 36.6	1.949	2.926	3.0	19.9
12 17	4 12.88	+18 19.8	1.986	2.927	6.8	20.1
12 27	4 6.66	+18 8.3	2.050	2.929	10.3	20.4
1 6	4 2.60	+18 3.6	2.138	2.930	13.3	20.6

519822 2013 HF_{158} 11 30.4 131.°23 2.°6/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.61	+12 59.9	2.452	3.283	11.0	21.0
11 7	4 44.91	+12 51.2	2.382	3.289	8.2	20.8
11 17	4 37.56	+12 45.2	2.339	3.295	5.2	20.7
11 27	4 29.21	+12 43.3	2.324	3.301	2.8	20.5
12 7	4 20.66	+12 46.8	2.339	3.307	3.8	20.6
12 17	4 12.72	+12 56.5	2.384	3.312	6.7	20.8
12 27	4 6.11	+13 13.2	2.456	3.317	9.6	21.0
1 6	4 1.34	+13 36.8	2.553	3.322	12.1	21.2

98980 2001 DF_{21} 11 30.4 228.°64 1.°6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.17	+16 36.0	2.337	3.171	11.4	19.7
11 7	4 45.51	+16 35.6	2.257	3.167	8.4	19.5
11 17	4 38.02	+16 35.7	2.203	3.164	5.1	19.2
11 27	4 29.36	+16 37.1	2.177	3.160	1.9	19.0
12 7	4 20.39	+16 40.8	2.181	3.156	3.1	19.1
12 17	4 12.00	+16 47.9	2.215	3.152	6.6	19.3
12 27	4 5.02	+16 59.6	2.277	3.148	9.8	19.5
1 6	4 0.02	+17 16.7	2.363	3.143	12.6	19.7

283777 2003 OB_{21} 11 30.4 107.°53 3.°6/ 1.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.61	+32 36.3	1.846	2.661	14.7	20.6
11 7	4 50.66	+32 36.9	1.784	2.677	11.3	20.4
11 17	4 41.15	+32 23.6	1.744	2.691	7.5	20.2
11 27	4 30.14	+31 54.8	1.732	2.706	4.2	20.0
12 7	4 18.98	+31 12.0	1.748	2.720	4.2	20.1
12 17	4 8.98	+30 19.5	1.793	2.734	7.5	20.3
12 27	4 1.24	+29 23.4	1.865	2.747	11.0	20.5
1 6	3 56.35	+28 30.0	1.961	2.760	14.1	20.8

414349 2008 TQ_8 11 30.4 275.°47 3.°8/28.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.50	+11 23.9	2.346	3.182	11.3	21.0
11 7	4 43.47	+10 41.8	2.270	3.177	8.5	20.8
11 17	4 36.78	+10 2.2	2.219	3.172	5.7	20.6
11 27	4 29.04	+ 9 28.1	2.196	3.167	3.8	20.5
12 7	4 21.05	+ 9 2.4	2.203	3.162	4.9	20.5
12 17	4 13.64	+ 8 47.3	2.238	3.157	7.6	20.7
12 27	4 7.55	+ 8 43.9	2.300	3.152	10.5	20.9
1 6	4 3.32	+ 8 52.2	2.385	3.146	13.0	21.0

22802 Sigiriya 11 30.4 91.°86 4.°6/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.16	+12 19.3	1.467	2.312	16.3	18.6
11 7	4 50.32	+11 38.0	1.421	2.334	12.2	18.4
11 17	4 40.91	+11 0.9	1.398	2.355	7.8	18.2
11 27	4 30.07	+10 32.2	1.401	2.376	4.7	18.1
12 7	4 19.18	+10 15.3	1.432	2.397	6.1	18.3
12 17	4 9.57	+10 12.2	1.489	2.417	9.9	18.5
12 27	4 2.30	+10 23.5	1.572	2.436	13.7	18.8
1 6	3 57.93	+10 48.1	1.675	2.455	16.9	19.1

485334 2011 BC_{116} 11 30.4 139.°41 7.°9/27.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.32	− 8 17.3	2.833	3.603	11.3	21.3
11 7	4 44.40	− 8 49.6	2.780	3.613	9.7	21.2
11 17	4 37.14	− 9 7.5	2.750	3.622	8.5	21.2
11 27	4 29.11	− 9 7.8	2.746	3.631	7.9	21.2
12 7	4 20.97	− 8 48.8	2.770	3.640	8.4	21.2
12 17	4 13.39	− 8 10.9	2.821	3.648	9.5	21.3
12 27	4 6.97	− 7 16.0	2.896	3.656	11.0	21.4
1 6	4 2.14	− 6 7.2	2.994	3.663	12.5	21.5

225096 2008 DU 11 30.4 164.°90 0.°7/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.31	+23 41.1	2.351	3.175	11.7	21.5
11 7	4 47.84	+23 54.6	2.275	3.179	8.6	21.3
11 17	4 39.40	+24 3.8	2.224	3.183	5.2	21.1
11 27	4 29.72	+24 8.0	2.202	3.186	1.6	20.8
12 7	4 19.75	+24 7.5	2.211	3.189	2.5	20.9
12 17	4 10.45	+24 3.7	2.250	3.192	6.1	21.2
12 27	4 2.71	+23 59.1	2.318	3.194	9.4	21.4
1 6	3 57.13	+23 56.1	2.410	3.195	12.2	21.6

97252 1999 XY_{107} 11 30.4 278.°01 0.°9/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.40	+19 56.0	1.743	2.586	14.2	18.9
11 7	4 47.69	+19 46.8	1.670	2.585	10.5	18.6
11 17	4 39.52	+19 34.6	1.620	2.584	6.2	18.4
11 27	4 29.78	+19 20.5	1.598	2.583	1.7	18.1
12 7	4 19.66	+19 6.1	1.604	2.581	3.4	18.2
12 17	4 10.41	+18 54.1	1.638	2.580	7.9	18.5
12 27	4 3.11	+18 47.2	1.698	2.579	12.0	18.7
1 6	3 58.48	+18 47.6	1.780	2.578	15.4	19.0

169160 2001 QG_{194} 11 30.4 93.°42 4.°9/ 2.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.50	+37 3.0	1.992	2.792	14.4	19.8
11 7	4 49.84	+37 6.5	1.925	2.804	11.3	19.7
11 17	4 40.68	+36 53.5	1.882	2.815	8.1	19.5
11 27	4 30.04	+36 22.0	1.865	2.827	5.4	19.4
12 7	4 19.25	+35 33.0	1.876	2.839	5.2	19.4
12 17	4 9.58	+34 30.6	1.916	2.850	7.6	19.5
12 27	4 2.09	+33 21.6	1.983	2.862	10.6	19.7
1 6	3 57.39	+32 12.9	2.074	2.873	13.5	20.0

125528 2001 WB_{64} 11 30.4 213.°20 0.°0/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.86	+23 29.0	1.780	2.617	14.2	20.2
11 7	4 48.76	+23 1.1	1.702	2.613	10.6	20.0
11 17	4 40.15	+22 25.6	1.647	2.609	6.3	19.8
11 27	4 29.95	+21 43.6	1.620	2.605	1.6	19.4
12 7	4 19.39	+20 58.0	1.622	2.600	3.2	19.5
12 17	4 9.74	+20 12.9	1.652	2.595	7.8	19.8
12 27	4 2.10	+19 33.2	1.709	2.590	11.9	20.1
1 6	3 57.18	+19 2.5	1.789	2.584	15.5	20.3

445966 2013 AE_{122} 11 30.4 273.°56 2.°1/ 1.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.32	+27 36.1	1.849	2.680	14.1	21.6
11 7	4 48.55	+27 44.4	1.761	2.667	10.7	21.3
11 17	4 40.16	+27 43.9	1.697	2.654	6.7	21.1
11 27	4 30.00	+27 33.2	1.659	2.640	2.9	20.8
12 7	4 19.28	+27 12.6	1.649	2.626	3.5	20.8
12 17	4 9.31	+26 44.8	1.669	2.613	7.6	21.0
12 27	4 1.33	+26 14.3	1.714	2.599	11.7	21.3
1 6	3 56.11	+25 46.1	1.782	2.585	15.2	21.5

312367 2008 DL_{89} 11 30.4 306.°58 2.°4/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.32	+16 5.2	1.891	2.734	13.3	20.5
11 7	4 45.97	+15 43.8	1.816	2.730	9.8	20.3
11 17	4 38.44	+15 22.4	1.765	2.726	6.0	20.1
11 27	4 29.52	+15 3.2	1.741	2.722	2.7	19.9
12 7	4 20.26	+14 48.5	1.745	2.718	4.1	20.0
12 17	4 11.73	+14 40.5	1.779	2.715	7.9	20.2
12 27	4 4.93	+14 41.2	1.838	2.711	11.6	20.4
1 6	4 0.50	+14 51.2	1.919	2.707	14.8	20.6

32771 1985 RK_3 11 30.4 32.°10 9.°5/28.0 18

10 28	4 50.98	+ 5 14.1	1.089	1.954	19.3	17.1
11 7	4 46.30	+ 3 48.4	1.057	1.972	15.2	16.9
11 17	4 38.73	+ 2 38.2	1.045	1.992	11.4	16.8
11 27	4 29.56	+ 1 52.3	1.056	2.013	9.5	16.8
12 7	4 20.37	+ 1 35.8	1.090	2.034	10.7	16.9
12 17	4 12.63	+ 1 49.4	1.146	2.057	13.9	17.2
12 27	4 7.47	+ 2 29.7	1.222	2.081	17.3	17.4
1 6	4 5.42	+ 3 30.5	1.317	2.106	20.3	17.7

174745 2003 UH_{241} 11 30.4 41.°34 0.°2/30.3 18

10 28	4 56.85	+20 5.9	1.094	1.958	19.2	19.1
11 7	4 51.13	+20 27.5	1.046	1.972	14.2	18.9
11 17	4 41.87	+20 47.0	1.019	1.986	8.4	18.6
11 27	4 30.42	+21 3.4	1.015	2.001	2.1	18.3
12 7	4 18.66	+21 16.7	1.036	2.016	4.2	18.5
12 17	4 8.47	+21 29.0	1.083	2.032	10.0	18.9
12 27	4 1.34	+21 43.1	1.152	2.049	15.1	19.2
1 6	3 57.98	+22 1.7	1.240	2.066	19.2	19.5

227870 2007 DH_{115} 11 30.4 19.°35 3.°9/ 1.4 18

10 28	4 53.06	+29 10.7	1.045	1.909	20.0	19.5
11 7	4 48.75	+29 36.0	0.996	1.917	15.2	19.2
11 17	4 40.64	+29 46.6	0.965	1.926	9.8	19.0
11 27	4 30.12	+29 39.7	0.956	1.936	4.8	18.7
12 7	4 19.22	+29 15.9	0.971	1.948	5.3	18.8
12 17	4 9.95	+28 40.6	1.010	1.961	10.2	19.1
12 27	4 3.91	+28 1.9	1.070	1.976	15.2	19.5
1 6	4 1.82	+27 27.1	1.150	1.991	19.4	19.8

25244 1998 UV_{15} 11 30.4 70.°44 0.°1/30.4 18

10 28	4 59.11	+22 17.1	1.381	2.227	17.1	18.3
11 7	4 52.01	+22 19.9	1.338	2.254	12.5	18.1
11 17	4 42.01	+22 17.1	1.317	2.281	7.4	17.9
11 27	4 30.40	+22 8.6	1.323	2.308	1.9	17.7
12 7	4 18.76	+21 56.3	1.355	2.334	3.5	17.8
12 17	4 8.62	+21 43.1	1.415	2.361	8.6	18.2
12 27	4 1.14	+21 33.1	1.501	2.387	12.9	18.5
1 6	3 56.89	+21 29.3	1.607	2.413	16.5	18.8

60321 1999 XK_{254} 11 30.4 85.°18 0.°7/30.6 18

10 28	4 58.02	+24 31.8	1.469	2.311	16.5	20.0
11 7	4 51.21	+24 20.2	1.417	2.331	12.1	19.8
11 17	4 41.58	+24 0.3	1.388	2.350	7.2	19.6
11 27	4 30.30	+23 32.4	1.385	2.369	2.0	19.3
12 7	4 18.93	+22 59.1	1.409	2.388	3.4	19.5
12 17	4 8.92	+22 24.8	1.462	2.407	8.3	19.8
12 27	4 1.44	+21 54.4	1.539	2.425	12.7	20.1
1 6	3 57.10	+21 31.8	1.639	2.444	16.2	20.4

183984 2004 EQ_{45} 11 30.4 168.°84 2.°2/ 1.2 18

10 28	4 54.47	+28 28.0	2.096	2.919	12.9	21.0
11 7	4 48.25	+28 38.4	2.020	2.920	9.8	20.8
11 17	4 39.79	+28 40.1	1.968	2.922	6.2	20.6
11 27	4 29.89	+28 32.0	1.944	2.923	2.8	20.4
12 7	4 19.65	+28 14.4	1.949	2.924	3.3	20.4
12 17	4 10.22	+27 49.8	1.983	2.925	6.8	20.6
12 27	4 2.60	+27 22.2	2.045	2.926	10.3	20.8
1 6	3 57.44	+26 55.8	2.131	2.926	13.3	21.0

317200 2002 AD_{91} 11 30.4 45.°97 1.°2/30.8 18

10 28	4 56.61	+26 31.1	1.190	2.045	18.7	19.1
11 7	4 50.48	+26 7.2	1.153	2.072	13.8	18.9
11 17	4 41.19	+25 31.3	1.136	2.099	8.3	18.7
11 27	4 30.21	+24 44.8	1.143	2.127	2.6	18.4
12 7	4 19.32	+23 52.0	1.177	2.156	3.8	18.6
12 17	4 10.16	+22 59.4	1.236	2.185	9.0	19.0
12 27	4 3.91	+22 13.6	1.319	2.214	13.7	19.3
1 6	4 1.07	+21 38.9	1.423	2.244	17.4	19.6

511666 2015 BD_{321} 11 30.4 43.°58 0.°9/30.6 18

10 28	4 57.24	+23 5.2	1.095	1.958	19.4	20.8
11 7	4 51.55	+23 23.1	1.045	1.968	14.4	20.6
11 17	4 42.21	+23 34.7	1.014	1.979	8.6	20.3
11 27	4 30.56	+23 38.4	1.006	1.991	2.5	20.0
12 7	4 18.55	+23 34.9	1.023	2.003	4.1	20.1
12 17	4 8.12	+23 27.5	1.065	2.016	10.0	20.5
12 27	4 0.82	+23 21.3	1.130	2.029	15.2	20.8
1 6	3 57.40	+23 20.3	1.214	2.042	19.4	21.2

30005 Stevenchen 11 30.4 236.°04 1.°8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.20	+18 39.0	1.839	2.677	13.8	20.4
11 7	4 49.02	+18 9.9	1.752	2.664	10.3	20.1
11 17	4 40.38	+17 37.5	1.689	2.651	6.2	19.8
11 27	4 30.10	+17 3.6	1.654	2.638	2.2	19.6
12 7	4 19.32	+16 31.1	1.649	2.624	3.9	19.6
12 17	4 9.29	+16 3.5	1.672	2.609	8.2	19.9
12 27	4 1.13	+15 44.1	1.721	2.593	12.3	20.1
1 6	3 55.59	+15 35.0	1.793	2.578	15.9	20.3

18463 1995 SV_{16} 11 30.4 285.°92 0.°1/30.4 17

10 28	4 51.69	+22 8.0	1.996	2.834	12.9	19.2
11 7	4 46.29	+21 57.7	1.912	2.825	9.5	19.0
11 17	4 38.69	+21 42.6	1.853	2.816	5.7	18.7
11 27	4 29.65	+21 23.5	1.822	2.807	1.5	18.4
12 7	4 20.21	+21 1.9	1.819	2.798	2.9	18.5
12 17	4 11.46	+20 40.4	1.845	2.789	7.1	18.8
12 27	4 4.42	+20 22.3	1.899	2.780	10.9	19.0
1 6	3 59.74	+20 10.1	1.975	2.771	14.2	19.2

41893 2000 WU_{119} 11 30.4 120.°00 3.°7/ 1.8 18

10 28	5 0.40	+32 0.9	1.584	2.405	16.5	19.1
11 7	4 53.11	+32 3.5	1.522	2.419	12.6	18.9
11 17	4 42.80	+31 51.0	1.483	2.432	8.3	18.7
11 27	4 30.68	+31 21.1	1.469	2.445	4.4	18.5
12 7	4 18.36	+30 35.5	1.484	2.457	4.6	18.5
12 17	4 7.41	+29 39.2	1.527	2.469	8.4	18.8
12 27	3 59.11	+28 39.7	1.595	2.480	12.4	19.0
1 6	3 54.11	+27 44.3	1.687	2.491	15.9	19.3

104260 2000 EF_{144} 11 30.4 258.°80 1.°2/ 1.0 18

10 28	4 51.01	+27 33.1	2.437	3.260	11.4	19.7
11 7	4 45.46	+27 9.6	2.347	3.250	8.5	19.5
11 17	4 38.06	+26 37.5	2.283	3.240	5.3	19.3
11 27	4 29.47	+25 57.0	2.247	3.229	1.9	19.0
12 7	4 20.61	+25 10.1	2.241	3.219	2.5	19.1
12 17	4 12.37	+24 19.9	2.265	3.208	6.0	19.3
12 27	4 5.61	+23 30.4	2.318	3.198	9.3	19.5
1 6	4 0.89	+22 45.5	2.396	3.187	12.1	19.6

261267 2005 UC_{107} 11 30.4 12.°77 1.°7/29.8 18

10 28	4 50.93	+18 10.8	1.869	2.714	13.3	21.1
11 7	4 45.70	+17 50.8	1.799	2.715	9.8	20.9
11 17	4 38.30	+17 29.1	1.753	2.716	5.9	20.7
11 27	4 29.55	+17 7.6	1.734	2.718	2.1	20.4
12 7	4 20.51	+16 48.6	1.744	2.720	3.6	20.5
12 17	4 12.26	+16 34.5	1.782	2.722	7.6	20.8
12 27	4 5.77	+16 27.7	1.846	2.724	11.3	21.0
1 6	4 1.66	+16 29.4	1.933	2.727	14.5	21.2

158265 2001 TW_{180} 11 30.4 341.°40 0.°3/30.5 18

10 28	4 52.33	+24 5.0	1.305	2.164	17.1	20.4
11 7	4 47.71	+23 46.8	1.235	2.157	12.8	20.1
11 17	4 39.93	+23 19.3	1.185	2.150	7.7	19.8
11 27	4 30.04	+22 43.3	1.160	2.145	2.1	19.4
12 7	4 19.61	+22 2.0	1.160	2.140	3.8	19.5
12 17	4 10.31	+21 20.5	1.186	2.135	9.3	19.8
12 27	4 3.56	+20 44.8	1.236	2.132	14.3	20.1
1 6	4 0.18	+20 19.3	1.305	2.129	18.5	20.4

273066 2006 DY_{192} 11 30.4 149.°53 0.°7/30.1 17

10 28	4 50.11	+19 59.2	2.757	3.585	10.0	21.8
11 7	4 44.48	+19 46.0	2.684	3.592	7.3	21.7
11 17	4 37.33	+19 30.5	2.637	3.598	4.3	21.5
11 27	4 29.29	+19 13.7	2.619	3.604	1.2	21.3
12 7	4 21.07	+18 56.7	2.632	3.609	2.4	21.4
12 17	4 13.42	+18 41.4	2.676	3.615	5.5	21.6
12 27	4 6.99	+18 29.6	2.749	3.619	8.3	21.8
1 6	4 2.27	+18 22.8	2.847	3.624	10.8	21.9

420107 2011 FH_4 11 30.4 269.°19 3.°4/ 1.5 18

10 28	4 53.70	+31 29.7	2.413	3.222	11.9	21.0
11 7	4 47.69	+32 7.6	2.325	3.214	9.2	20.8
11 17	4 39.53	+32 37.2	2.262	3.206	6.3	20.6
11 27	4 29.91	+32 56.2	2.228	3.198	3.8	20.4
12 7	4 19.82	+33 3.3	2.222	3.190	4.0	20.4
12 17	4 10.30	+32 59.5	2.247	3.182	6.6	20.6
12 27	4 2.35	+32 47.9	2.299	3.173	9.6	20.7
1 6	3 56.67	+32 32.4	2.375	3.165	12.3	20.9

287822 2003 SO_{193} 11 30.4 358.°49 1.°5/ 1.0 17

10 28	4 51.65	+27 53.9	1.367	2.219	16.9	20.0
11 7	4 47.05	+27 20.7	1.299	2.216	12.7	19.7
11 17	4 39.42	+26 33.1	1.252	2.214	7.8	19.5
11 27	4 29.88	+25 32.2	1.229	2.213	2.7	19.2
12 7	4 19.98	+24 22.2	1.233	2.213	3.7	19.2
12 17	4 11.28	+23 10.0	1.264	2.214	8.8	19.5
12 27	4 5.08	+22 3.3	1.319	2.215	13.6	19.8
1 6	4 2.11	+21 8.0	1.394	2.218	17.6	20.1

284249 2006 EN_{50} 11 30.4 128.°10 1.°6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.53	+18 6.5	1.739	2.582	14.3	21.3
11 7	4 48.48	+17 56.8	1.672	2.586	10.5	21.0
11 17	4 40.01	+17 46.0	1.627	2.590	6.3	20.8
11 27	4 30.02	+17 35.2	1.610	2.594	2.1	20.5
12 7	4 19.71	+17 26.3	1.622	2.598	3.7	20.7
12 17	4 10.31	+17 21.3	1.661	2.601	8.0	20.9
12 27	4 2.89	+17 22.6	1.727	2.605	12.0	21.2
1 6	3 58.11	+17 31.4	1.815	2.608	15.4	21.4

213832 2003 QM_{94} 11 30.4 128.°95 2.°8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.92	+15 0.0	1.622	2.460	15.4	20.6
11 7	4 51.68	+14 50.2	1.563	2.474	11.4	20.3
11 17	4 41.86	+14 42.2	1.528	2.488	7.0	20.1
11 27	4 30.48	+14 37.7	1.520	2.501	3.1	19.9
12 7	4 18.89	+14 38.4	1.541	2.514	4.6	20.0
12 17	4 8.40	+14 45.8	1.591	2.526	8.8	20.3
12 27	4 0.15	+15 1.3	1.666	2.537	12.8	20.6
1 6	3 54.76	+15 25.1	1.764	2.548	16.1	20.8

13472 4064 $T\text{-}_3$ 11 30.4 28.°20 5.°7/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.09	+ 7 38.5	1.937	2.776	13.2	18.1
11 7	4 44.15	+ 6 44.8	1.877	2.781	10.2	17.9
11 17	4 37.31	+ 5 57.5	1.840	2.786	7.3	17.8
11 27	4 29.31	+ 5 21.1	1.831	2.791	5.7	17.7
12 7	4 21.12	+ 4 59.1	1.849	2.797	6.7	17.8
12 17	4 13.67	+ 4 53.5	1.894	2.803	9.4	17.9
12 27	4 7.82	+ 5 4.5	1.964	2.809	12.3	18.1
1 6	4 4.09	+ 5 30.5	2.056	2.816	14.9	18.3

133524 2003 SN_{311} 11 30.4 266.°07 1.°3/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.72	+25 59.3	2.309	3.135	11.8	19.9
11 7	4 46.14	+26 6.6	2.224	3.128	8.8	19.7
11 17	4 38.55	+26 7.8	2.163	3.121	5.4	19.5
11 27	4 29.67	+26 2.3	2.131	3.114	2.0	19.2
12 7	4 20.41	+25 50.5	2.129	3.107	2.7	19.3
12 17	4 11.77	+25 34.4	2.156	3.099	6.2	19.5
12 27	4 4.65	+25 16.8	2.211	3.092	9.6	19.7
1 6	3 59.69	+25 1.0	2.290	3.085	12.5	19.9

452799 2006 HP_{113} 11 30.4 332.°39 3.°0/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.71	+11 41.6	1.857	2.697	13.6	20.6
11 7	4 47.20	+12 7.1	1.774	2.684	10.3	20.3
11 17	4 39.36	+12 39.6	1.714	2.672	6.5	20.1
11 27	4 29.91	+13 19.9	1.682	2.661	3.3	19.9
12 7	4 19.91	+14 7.6	1.678	2.650	4.4	19.9
12 17	4 10.52	+15 2.0	1.703	2.639	8.2	20.1
12 27	4 2.83	+16 2.1	1.755	2.630	12.0	20.3
1 6	3 57.61	+17 6.7	1.830	2.621	15.3	20.5

518853 2010 DH_{33} 11 30.4 348.°66 4.°8/28.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.67	+12 24.0	1.739	2.592	13.8	20.4
11 7	4 43.42	+11 16.9	1.669	2.585	10.4	20.1
11 17	4 37.02	+10 11.2	1.622	2.579	7.0	19.9
11 27	4 29.27	+ 9 11.9	1.602	2.574	4.8	19.8
12 7	4 21.21	+ 8 24.1	1.609	2.569	6.2	19.9
12 17	4 13.92	+ 7 51.7	1.642	2.565	9.6	20.1
12 27	4 8.35	+ 7 36.8	1.701	2.562	13.0	20.3
1 6	4 5.12	+ 7 39.1	1.780	2.560	16.1	20.5

179718 2002 RM_{67} 11 30.4 68.°37 2.°9/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.99	+30 0.8	1.355	2.194	17.7	19.2
11 7	4 51.58	+29 50.6	1.301	2.210	13.4	19.0
11 17	4 41.99	+29 25.2	1.269	2.225	8.5	18.7
11 27	4 30.53	+28 43.9	1.261	2.241	3.8	18.5
12 7	4 18.94	+27 49.6	1.280	2.257	4.2	18.6
12 17	4 8.87	+26 48.7	1.326	2.273	8.8	18.9
12 27	4 1.62	+25 48.9	1.397	2.289	13.3	19.2
1 6	3 57.80	+24 57.0	1.489	2.305	17.0	19.5

141836 2002 ON_{16} 11 30.4 80.°32 2.°8/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.18	+17 34.6	1.383	2.235	16.7	19.9
11 7	4 49.91	+16 48.9	1.332	2.251	12.3	19.7
11 17	4 40.88	+16 1.4	1.304	2.267	7.4	19.5
11 27	4 30.24	+15 15.7	1.301	2.283	3.1	19.3
12 7	4 19.49	+14 36.3	1.326	2.299	4.9	19.4
12 17	4 10.05	+14 7.3	1.377	2.315	9.6	19.7
12 27	4 3.07	+13 51.7	1.453	2.331	13.8	20.0
1 6	3 59.14	+13 50.2	1.549	2.346	17.4	20.3

54133 2000 HU_{32} 11 30.4 210.°30 4.°9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.07	+ 3 19.4	2.765	3.575	10.5	19.2
11 7	4 45.17	+ 3 12.8	2.687	3.571	8.3	19.1
11 17	4 37.77	+ 3 14.6	2.634	3.566	6.2	18.9
11 27	4 29.45	+ 3 26.9	2.611	3.561	5.0	18.9
12 7	4 20.88	+ 3 50.8	2.617	3.556	5.6	18.9
12 17	4 12.78	+ 4 26.5	2.653	3.551	7.5	19.0
12 27	4 5.83	+ 5 13.0	2.717	3.546	9.8	19.2
1 6	4 0.51	+ 6 8.7	2.805	3.540	11.9	19.3

399309 1994 UQ_8 11 30.4 70.°58 2.°1/ 1.2 14 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.63	+28 6.9	2.018	2.840	13.4	21.6
11 7	4 48.92	+28 18.2	1.968	2.868	10.0	21.4
11 17	4 40.07	+28 20.7	1.942	2.896	6.2	21.2
11 27	4 30.02	+28 13.5	1.944	2.924	2.8	21.1
12 7	4 19.89	+27 57.4	1.975	2.951	3.2	21.1
12 17	4 10.80	+27 35.2	2.036	2.978	6.6	21.4
12 27	4 3.64	+27 10.9	2.124	3.005	9.9	21.7
1 6	3 58.95	+26 48.2	2.236	3.032	12.7	21.9

521632 2015 QZ_{14} 11 30.4 11.°84 6.°3/28.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.11	+ 7 36.8	1.731	2.577	14.2	20.6
11 7	4 44.38	+ 6 34.8	1.671	2.579	11.0	20.4
11 17	4 37.54	+ 5 39.6	1.634	2.581	8.0	20.2
11 27	4 29.40	+ 4 56.7	1.623	2.584	6.3	20.1
12 7	4 21.03	+ 4 30.2	1.639	2.587	7.4	20.2
12 17	4 13.48	+ 4 22.5	1.681	2.591	10.3	20.4
12 27	4 7.67	+ 4 33.9	1.747	2.596	13.4	20.6
1 6	4 4.20	+ 5 2.2	1.834	2.601	16.2	20.8

79196 1993 TD_{33} 11 30.4 56.°46 0.°2/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.32	+21 39.2	1.771	2.611	14.2	19.4
11 7	4 48.40	+21 53.5	1.703	2.616	10.5	19.2
11 17	4 40.01	+22 4.5	1.658	2.620	6.2	19.0
11 27	4 30.06	+22 11.8	1.641	2.625	1.6	18.7
12 7	4 19.75	+22 15.6	1.652	2.631	3.1	18.8
12 17	4 10.33	+22 17.7	1.691	2.636	7.5	19.1
12 27	4 2.90	+22 20.6	1.757	2.641	11.5	19.3
1 6	3 58.13	+22 26.8	1.846	2.646	14.8	19.6

301730 2010 GU_{126} 11 30.4 349.°75 0.°5/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.67	+23 48.8	1.598	2.443	15.2	20.9
11 7	4 48.18	+23 41.0	1.527	2.442	11.3	20.7
11 17	4 40.00	+23 26.2	1.478	2.441	6.8	20.4
11 27	4 30.08	+23 4.7	1.455	2.440	1.9	20.1
12 7	4 19.75	+22 38.2	1.460	2.439	3.3	20.2
12 17	4 10.39	+22 10.4	1.492	2.438	8.1	20.5
12 27	4 3.21	+21 45.6	1.550	2.438	12.5	20.7
1 6	3 58.95	+21 27.6	1.629	2.438	16.1	21.0

376680 2013 QB_{39} 11 30.4 157.°91 4.°0/ 2.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.17	+36 1.5	2.607	3.400	11.5	21.0
11 7	4 47.07	+36 11.7	2.528	3.403	9.1	20.9
11 17	4 39.03	+36 10.0	2.473	3.406	6.5	20.7
11 27	4 29.80	+35 54.6	2.446	3.408	4.4	20.6
12 7	4 20.32	+35 25.9	2.449	3.410	4.3	20.6
12 17	4 11.56	+34 46.0	2.481	3.412	6.3	20.7
12 27	4 4.37	+33 59.3	2.541	3.414	8.8	20.9
1 6	3 59.35	+33 10.4	2.626	3.416	11.2	21.1

487731 2015 RX_{98} 11 30.4 74.°49 1.°7/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.19	+27 29.3	1.774	2.606	14.5	21.1
11 7	4 48.89	+27 20.5	1.717	2.623	10.8	20.9
11 17	4 40.19	+27 2.0	1.683	2.641	6.7	20.7
11 27	4 30.09	+26 33.6	1.676	2.658	2.5	20.5
12 7	4 19.86	+25 57.3	1.697	2.675	3.2	20.6
12 17	4 10.73	+25 17.0	1.748	2.693	7.3	20.9
12 27	4 3.73	+24 37.7	1.825	2.710	11.0	21.2
1 6	3 59.43	+24 3.7	1.925	2.727	14.2	21.4

91036 1998 FC_5 11 30.4 138.°14 17.°8/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.01	− 8 24.9	1.129	1.951	21.7	19.3
11 7	4 50.24	−11 37.3	1.095	1.955	19.4	19.1
11 17	4 41.29	−14 21.0	1.081	1.959	18.0	19.1
11 27	4 30.41	−16 19.5	1.087	1.962	17.9	19.1
12 7	4 19.26	−17 23.0	1.112	1.965	19.2	19.2
12 17	4 9.49	−17 30.2	1.156	1.968	21.2	19.3
12 27	4 2.43	−16 47.6	1.215	1.971	23.4	19.5
1 6	3 58.77	−15 26.4	1.287	1.974	25.5	19.7

432962 2012 JQ_{26} 11 30.4 89.°70 2.°2/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.04	+16 26.1	1.546	2.387	15.8	21.1
11 7	4 51.71	+16 18.2	1.500	2.413	11.6	20.9
11 17	4 41.83	+16 10.9	1.477	2.439	7.0	20.7
11 27	4 30.50	+16 5.6	1.481	2.463	2.7	20.5
12 7	4 19.12	+16 3.9	1.513	2.488	4.2	20.7
12 17	4 9.02	+16 7.6	1.574	2.512	8.6	21.0
12 27	4 1.27	+16 18.3	1.660	2.535	12.6	21.3
1 6	3 56.43	+16 36.6	1.768	2.558	15.8	21.5

488879 2005 SK_{171} 11 30.4 81.°06 4.°7/ 1.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.77	+32 42.7	1.497	2.322	17.1	21.2
11 7	4 52.89	+33 11.6	1.442	2.338	13.2	21.0
11 17	4 42.82	+33 25.4	1.407	2.354	9.0	20.8
11 27	4 30.80	+33 20.5	1.398	2.370	5.3	20.6
12 7	4 18.51	+32 57.0	1.416	2.386	5.4	20.7
12 17	4 7.65	+32 18.9	1.461	2.402	8.9	20.9
12 27	3 59.55	+31 33.7	1.532	2.418	12.7	21.2
1 6	3 54.90	+30 48.8	1.624	2.433	16.2	21.5

232807 2004 RO_{231} 11 30.4 235.°49 3.°0/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.80	+29 14.3	1.807	2.632	14.6	20.8
11 7	4 50.50	+29 36.8	1.725	2.625	11.2	20.6
11 17	4 41.44	+29 49.8	1.666	2.618	7.3	20.3
11 27	4 30.49	+29 50.5	1.633	2.611	3.6	20.1
12 7	4 18.99	+29 38.6	1.629	2.604	4.0	20.1
12 17	4 8.34	+29 16.4	1.654	2.596	7.9	20.3
12 27	3 59.82	+28 48.7	1.705	2.588	11.8	20.5
1 6	3 54.25	+28 21.0	1.779	2.580	15.3	20.8

426716 2013 TF_{45} 11 30.4 168.°11 4.°2/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.42	+31 6.0	1.583	2.407	16.4	21.4
11 7	4 53.46	+31 39.3	1.512	2.409	12.6	21.2
11 17	4 43.29	+32 0.3	1.463	2.412	8.5	20.9
11 27	4 30.98	+32 5.1	1.439	2.414	4.8	20.7
12 7	4 18.13	+31 52.7	1.444	2.415	5.0	20.7
12 17	4 6.43	+31 25.9	1.476	2.416	8.8	21.0
12 27	3 57.34	+30 51.1	1.534	2.417	12.9	21.2
1 6	3 51.68	+30 15.5	1.613	2.417	16.5	21.4

516271 2016 VL_{19} 11 30.4 4.°54 1.°8/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.33	+17 43.1	1.281	2.145	17.0	20.7
11 7	4 46.86	+17 40.8	1.219	2.144	12.6	20.4
11 17	4 39.39	+17 38.5	1.179	2.145	7.6	20.2
11 27	4 29.97	+17 37.6	1.162	2.146	2.5	19.9
12 7	4 20.09	+17 39.9	1.171	2.149	4.4	20.0
12 17	4 11.30	+17 47.5	1.206	2.153	9.5	20.3
12 27	4 4.97	+18 2.3	1.264	2.158	14.3	20.6
1 6	4 1.85	+18 25.2	1.342	2.164	18.2	20.9

154427 2003 BC_{48} 11 30.4 277.°31 0.°2/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.50	+22 27.8	1.580	2.426	15.3	20.5
11 7	4 48.98	+22 10.7	1.497	2.413	11.4	20.2
11 17	4 40.61	+21 47.0	1.436	2.399	6.8	19.9
11 27	4 30.30	+21 17.5	1.401	2.386	1.8	19.5
12 7	4 19.40	+20 44.4	1.393	2.372	3.5	19.6
12 17	4 9.35	+20 11.7	1.413	2.358	8.6	19.9
12 27	4 1.49	+19 44.1	1.459	2.345	13.3	20.1
1 6	3 56.64	+19 25.3	1.526	2.331	17.2	20.4

85244 1993 QB_9 11 30.4 221.°27 3.°9/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.74	+31 25.4	1.737	2.559	15.2	20.0
11 7	4 51.33	+31 51.1	1.659	2.555	11.8	19.8
11 17	4 41.98	+32 4.9	1.602	2.551	7.9	19.5
11 27	4 30.66	+32 3.6	1.572	2.546	4.5	19.3
12 7	4 18.78	+31 46.6	1.570	2.541	4.7	19.3
12 17	4 7.86	+31 16.5	1.596	2.536	8.3	19.5
12 27	3 59.25	+30 39.1	1.648	2.531	12.2	19.7
1 6	3 53.76	+30 1.0	1.723	2.526	15.6	19.9

4342 Freud 11 30.4 102.°17 2.°9/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.51	+14 11.2	1.974	2.812	13.0	17.0
11 7	4 46.68	+13 48.6	1.910	2.821	9.6	16.8
11 17	4 38.84	+13 27.8	1.871	2.830	6.0	16.6
11 27	4 29.78	+13 11.0	1.860	2.839	3.1	16.4
12 7	4 20.52	+13 0.5	1.878	2.848	4.3	16.5
12 17	4 12.06	+12 57.9	1.925	2.856	7.8	16.8
12 27	4 5.28	+13 4.5	1.998	2.865	11.2	17.0
1 6	4 0.76	+13 20.5	2.094	2.873	14.1	17.2

150976 2001 TN_{210} 11 30.4 111.°68 2.°5/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.80	+29 32.4	1.668	2.495	15.5	20.1
11 7	4 51.07	+29 25.4	1.605	2.507	11.7	19.9
11 17	4 41.61	+29 5.8	1.564	2.519	7.4	19.7
11 27	4 30.51	+28 32.9	1.550	2.530	3.3	19.5
12 7	4 19.20	+27 48.6	1.564	2.541	3.7	19.5
12 17	4 9.09	+26 57.5	1.607	2.552	7.8	19.8
12 27	4 1.35	+26 6.0	1.676	2.562	11.8	20.1
1 6	3 56.62	+25 19.7	1.768	2.572	15.3	20.3

69833 1998 RO_{76} 11 30.4 111.°47 3.°8/ 1.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.06	+33 8.8	2.374	3.178	12.2	19.7
11 7	4 48.59	+33 40.4	2.304	3.188	9.5	19.6
11 17	4 40.01	+34 1.7	2.258	3.198	6.6	19.4
11 27	4 30.10	+34 10.4	2.240	3.208	4.2	19.3
12 7	4 19.90	+34 6.0	2.252	3.217	4.2	19.3
12 17	4 10.46	+33 50.2	2.293	3.227	6.6	19.4
12 27	4 2.74	+33 26.8	2.362	3.236	9.4	19.6
1 6	3 57.34	+33 0.2	2.456	3.245	11.9	19.8

81720 2000 JW_{33} 11 30.4 233.°65 1.°2/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.92	+25 37.5	2.105	2.933	12.7	20.0
11 7	4 47.95	+25 39.9	2.020	2.925	9.5	19.8
11 17	4 39.74	+25 35.7	1.960	2.918	5.8	19.5
11 27	4 30.06	+25 24.1	1.927	2.910	2.0	19.3
12 7	4 19.97	+25 6.1	1.923	2.902	2.8	19.3
12 17	4 10.57	+24 43.8	1.950	2.893	6.8	19.6
12 27	4 2.89	+24 20.9	2.004	2.884	10.4	19.8
1 6	3 57.60	+24 0.9	2.081	2.875	13.6	20.0

23729 Kemeisha 11 30.4 49.°01 4.°0/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.24	+28 52.9	1.159	2.008	19.4	17.2
11 7	4 53.00	+29 34.3	1.114	2.027	14.7	17.0
11 17	4 43.09	+30 2.7	1.089	2.046	9.5	16.8
11 27	4 30.92	+30 14.0	1.088	2.066	4.8	16.6
12 7	4 18.51	+30 7.8	1.111	2.087	5.2	16.7
12 17	4 7.81	+29 48.2	1.160	2.108	9.8	17.0
12 27	4 0.34	+29 22.4	1.233	2.129	14.4	17.3
1 6	3 56.77	+28 57.5	1.325	2.150	18.2	17.6

431691 2008 DM_{44} 11 30.4 228.°78 4.°0/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.46	+13 9.0	1.604	2.448	15.2	21.3
11 7	4 49.44	+12 37.2	1.529	2.441	11.5	21.1
11 17	4 40.77	+12 7.7	1.476	2.434	7.4	20.8
11 27	4 30.34	+11 44.0	1.450	2.427	4.2	20.6
12 7	4 19.44	+11 29.4	1.452	2.419	5.6	20.7
12 17	4 9.40	+11 26.4	1.481	2.411	9.7	20.9
12 27	4 1.43	+11 36.7	1.535	2.403	13.8	21.1
1 6	3 56.29	+12 0.0	1.610	2.394	17.4	21.3

270093 2001 QA_{216} 11 30.4 50.°38 4.°9/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.25	+31 53.7	1.334	2.171	18.1	19.5
11 7	4 52.10	+32 30.5	1.281	2.184	14.0	19.3
11 17	4 42.52	+32 52.4	1.248	2.198	9.4	19.1
11 27	4 30.78	+32 55.2	1.239	2.213	5.6	18.9
12 7	4 18.72	+32 38.5	1.256	2.228	5.6	19.0
12 17	4 8.14	+32 6.4	1.300	2.243	9.4	19.2
12 27	4 0.50	+31 26.5	1.367	2.258	13.6	19.5
1 6	3 56.54	+30 46.6	1.455	2.274	17.2	19.8

459654 2013 KY_3 11 30.4 60.°68 1.°6/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.73	+16 26.6	2.007	2.845	12.8	20.4
11 7	4 46.90	+16 34.2	1.941	2.853	9.5	20.2
11 17	4 39.01	+16 42.9	1.900	2.861	5.7	20.0
11 27	4 29.85	+16 53.3	1.886	2.870	2.1	19.8
12 7	4 20.42	+17 6.0	1.902	2.878	3.3	19.9
12 17	4 11.75	+17 21.9	1.947	2.886	7.1	20.2
12 27	4 4.75	+17 41.9	2.019	2.895	10.6	20.4
1 6	4 0.04	+18 6.8	2.115	2.903	13.6	20.6

278276 2007 GF_{10} 11 30.4 284.°90 0.°2/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.78	+21 37.8	1.529	2.375	15.7	21.1
11 7	4 50.05	+21 53.3	1.449	2.365	11.7	20.8
11 17	4 41.32	+22 5.5	1.391	2.355	7.1	20.5
11 27	4 30.53	+22 13.7	1.360	2.344	1.9	20.1
12 7	4 19.05	+22 18.0	1.355	2.334	3.5	20.2
12 17	4 8.44	+22 20.0	1.379	2.324	8.7	20.5
12 27	4 0.10	+22 22.9	1.427	2.315	13.4	20.8
1 6	3 54.92	+22 30.0	1.496	2.305	17.3	21.0

217723 1999 VJ_{165} 11 30.4 3.°13 1.°7/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.47	+25 33.9	1.081	1.948	19.2	20.0
11 7	4 48.34	+25 40.0	1.021	1.947	14.4	19.7
11 17	4 40.55	+25 35.8	0.981	1.946	8.9	19.4
11 27	4 30.33	+25 20.2	0.963	1.947	3.0	19.1
12 7	4 19.55	+24 54.9	0.969	1.949	4.3	19.2
12 17	4 10.16	+24 24.7	0.999	1.952	10.1	19.5
12 27	4 3.80	+23 56.2	1.051	1.956	15.4	19.8
1 6	4 1.29	+23 35.0	1.122	1.962	19.9	20.1

230336 2002 CJ_{178} 11 30.4 146.°22 1.°3/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.18	+18 47.3	1.779	2.619	14.1	20.4
11 7	4 48.97	+18 39.5	1.710	2.624	10.4	20.2
11 17	4 40.35	+18 29.9	1.665	2.628	6.2	20.0
11 27	4 30.23	+18 19.5	1.647	2.632	1.9	19.7
12 7	4 19.77	+18 10.0	1.658	2.635	3.5	19.8
12 17	4 10.22	+18 3.5	1.698	2.639	7.8	20.1
12 27	4 2.62	+18 2.5	1.764	2.642	11.8	20.4
1 6	3 57.65	+18 8.5	1.852	2.645	15.1	20.6

281204 2007 GJ_{31} 11 30.4 168.°63 0.°3/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.27	+23 14.9	1.944	2.775	13.5	21.2
11 7	4 49.67	+23 11.8	1.871	2.779	10.0	21.0
11 17	4 40.73	+23 3.1	1.821	2.782	6.0	20.8
11 27	4 30.32	+22 48.9	1.800	2.784	1.6	20.5
12 7	4 19.59	+22 30.5	1.808	2.786	2.9	20.6
12 17	4 9.71	+22 10.3	1.845	2.788	7.1	20.9
12 27	4 1.74	+21 51.9	1.910	2.789	11.0	21.1
1 6	3 56.32	+21 38.4	1.998	2.789	14.2	21.3

284224 2006 DV_{21} 11 30.4 118.°32 2.°4/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.25	+28 24.9	1.851	2.676	14.3	20.9
11 7	4 50.52	+28 38.4	1.786	2.687	10.8	20.7
11 17	4 41.27	+28 42.4	1.744	2.698	6.8	20.5
11 27	4 30.46	+28 35.3	1.730	2.709	3.1	20.3
12 7	4 19.38	+28 17.6	1.744	2.720	3.6	20.3
12 17	4 9.32	+27 52.2	1.787	2.730	7.3	20.6
12 27	4 1.38	+27 23.8	1.858	2.740	11.0	20.8
1 6	3 56.21	+26 57.0	1.951	2.749	14.2	21.1

440816 2006 QF_{134} 11 30.4 72.°15 4.°8/ 2.3 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.20	+34 45.4	1.829	2.635	15.2	21.0
11 7	4 52.63	+35 16.5	1.782	2.666	11.8	20.8
11 17	4 42.43	+35 32.6	1.759	2.697	8.3	20.7
11 27	4 30.73	+35 30.5	1.763	2.728	5.4	20.5
12 7	4 18.98	+35 10.7	1.794	2.758	5.2	20.6
12 17	4 8.55	+34 36.8	1.854	2.788	7.8	20.8
12 27	4 0.53	+33 54.9	1.941	2.818	10.9	21.1
1 6	3 55.49	+33 11.6	2.051	2.847	13.7	21.3

510227 2011 EU_{44} 11 30.4 234.°11 1.°4/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.29	+18 33.7	1.785	2.623	14.2	22.2
11 7	4 49.99	+18 26.6	1.700	2.612	10.6	21.9
11 17	4 41.11	+18 17.7	1.639	2.601	6.3	21.6
11 27	4 30.48	+18 8.1	1.605	2.589	2.0	21.3
12 7	4 19.29	+17 59.1	1.600	2.577	3.6	21.4
12 17	4 8.85	+17 53.1	1.624	2.564	8.2	21.7
12 27	4 0.35	+17 52.6	1.674	2.551	12.4	21.9
1 6	3 54.57	+17 59.5	1.747	2.537	16.0	22.1

196041 2002 SO_{48} 11 30.4 333.°56 5.°1/ 1.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.99	+35 10.0	2.212	3.014	13.0	19.5
11 7	4 48.97	+36 4.2	2.132	3.010	10.4	19.3
11 17	4 40.49	+36 47.7	2.074	3.006	7.6	19.1
11 27	4 30.32	+37 16.4	2.044	3.003	5.4	19.0
12 7	4 19.61	+37 28.7	2.042	2.999	5.4	19.0
12 17	4 9.57	+37 25.1	2.069	2.996	7.6	19.1
12 27	4 1.36	+37 9.5	2.123	2.993	10.4	19.3
1 6	3 55.74	+36 47.2	2.200	2.990	13.1	19.5

105214 2000 OL_{56} 11 30.4 172.°11 5.°6/ 3.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.81	+40 1.2	2.462	3.237	12.7	20.7
11 7	4 50.77	+40 31.0	2.383	3.240	10.3	20.5
11 17	4 41.40	+40 46.3	2.328	3.242	7.9	20.3
11 27	4 30.52	+40 43.7	2.299	3.244	6.0	20.2
12 7	4 19.30	+40 22.5	2.299	3.245	5.8	20.2
12 17	4 8.90	+39 44.8	2.328	3.246	7.4	20.3
12 27	4 0.39	+38 55.4	2.385	3.247	9.8	20.5
1 6	3 54.43	+38 0.5	2.467	3.247	12.1	20.6

32381 Bellomo 11 30.4 184.°34 2.°6/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.70	+28 46.8	2.094	2.916	13.0	19.3
11 7	4 48.57	+29 9.0	2.017	2.916	9.9	19.1
11 17	4 40.14	+29 22.9	1.963	2.916	6.4	18.9
11 27	4 30.21	+29 26.8	1.937	2.915	3.1	18.7
12 7	4 19.88	+29 20.5	1.941	2.915	3.5	18.7
12 17	4 10.31	+29 5.8	1.973	2.915	6.9	18.9
12 27	4 2.55	+28 46.4	2.033	2.914	10.3	19.1
1 6	3 57.27	+28 26.5	2.117	2.913	13.3	19.3

448809 2011 UK_7 11 30.4 172.°93 2.°0/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.97	+26 38.2	2.041	2.865	13.2	21.5
11 7	4 49.53	+27 4.6	1.964	2.867	9.9	21.3
11 17	4 40.72	+27 24.4	1.912	2.868	6.2	21.1
11 27	4 30.37	+27 35.9	1.888	2.869	2.7	20.9
12 7	4 19.60	+27 38.6	1.893	2.869	3.2	20.9
12 17	4 9.60	+27 34.0	1.928	2.870	6.9	21.1
12 27	4 1.45	+27 25.4	1.990	2.870	10.5	21.4
1 6	3 55.84	+27 16.6	2.076	2.870	13.6	21.6

167315 2003 UA_{247} 11 30.4 81.°42 3.°1/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.57	+16 25.2	1.716	2.560	14.3	20.0
11 7	4 47.61	+15 31.1	1.661	2.576	10.6	19.8
11 17	4 39.44	+14 36.0	1.630	2.591	6.5	19.6
11 27	4 29.99	+13 43.7	1.626	2.606	3.2	19.5
12 7	4 20.43	+12 58.4	1.651	2.621	4.7	19.6
12 17	4 11.90	+12 23.9	1.704	2.636	8.5	19.8
12 27	4 5.33	+12 2.6	1.783	2.651	12.2	20.1
1 6	4 1.27	+11 55.0	1.883	2.666	15.3	20.3

130033 1999 VP_{98} 11 30.4 184.°31 1.°8/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.28	+19 20.4	1.904	2.744	13.4	20.1
11 7	4 47.43	+18 35.4	1.831	2.744	9.9	19.8
11 17	4 39.39	+17 46.2	1.781	2.744	5.9	19.6
11 27	4 30.00	+16 55.4	1.760	2.743	2.2	19.4
12 7	4 20.34	+16 6.8	1.768	2.743	3.7	19.5
12 17	4 11.52	+15 24.3	1.805	2.742	7.8	19.7
12 27	4 4.50	+14 51.4	1.869	2.741	11.5	20.0
1 6	3 59.89	+14 30.2	1.955	2.740	14.7	20.2

351814 2006 OK_7 11 30.4 87.°27 5.°4/ 2.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.74	+37 46.8	1.907	2.704	15.0	20.4
11 7	4 51.65	+38 0.8	1.849	2.723	11.9	20.2
11 17	4 41.91	+37 57.6	1.813	2.743	8.6	20.1
11 27	4 30.63	+37 34.3	1.803	2.761	6.0	20.0
12 7	4 19.23	+36 51.8	1.820	2.780	5.7	20.0
12 17	4 9.08	+35 54.3	1.867	2.798	8.0	20.2
12 27	4 1.28	+34 48.8	1.940	2.817	10.9	20.4
1 6	3 56.43	+33 42.6	2.037	2.834	13.7	20.6

336099 2008 HE_{34} 11 30.4 140.°78 2.°5/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.52	+15 55.9	1.919	2.752	13.5	22.2
11 7	4 49.65	+15 28.4	1.856	2.765	10.0	22.0
11 17	4 40.62	+15 0.7	1.818	2.777	6.1	21.8
11 27	4 30.31	+14 35.2	1.808	2.789	2.8	21.6
12 7	4 19.81	+14 14.4	1.828	2.799	4.1	21.7
12 17	4 10.23	+14 0.7	1.877	2.809	7.9	22.0
12 27	4 2.52	+13 55.9	1.953	2.819	11.4	22.2
1 6	3 57.24	+14 0.9	2.052	2.827	14.4	22.4

43927 1996 GN_4 11 30.4 22.°81 10.°6/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.60	+ 2 47.6	1.185	2.044	18.4	17.6
11 7	4 44.55	+ 1 4.2	1.150	2.058	14.9	17.4
11 17	4 37.83	− 0 22.4	1.137	2.073	11.9	17.3
11 27	4 29.58	− 1 22.5	1.145	2.090	10.6	17.3
12 7	4 21.25	− 1 50.1	1.176	2.108	11.7	17.4
12 17	4 14.16	− 1 44.3	1.230	2.127	14.4	17.6
12 27	4 9.38	− 1 8.4	1.304	2.147	17.4	17.9
1 6	4 7.48	− 0 8.8	1.396	2.169	20.1	18.1

442284 2011 RO_{15} 11 30.5 29.°19 3.°5/29.2 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.46	+16 38.8	1.409	2.268	16.1	21.3
11 7	4 46.54	+15 38.6	1.354	2.276	11.9	21.1
11 17	4 39.00	+14 36.8	1.322	2.285	7.3	20.8
11 27	4 29.91	+13 38.4	1.315	2.295	3.7	20.6
12 7	4 20.62	+12 48.7	1.334	2.305	5.4	20.8
12 17	4 12.47	+12 12.2	1.380	2.316	9.7	21.1
12 27	4 6.54	+11 51.9	1.450	2.328	13.8	21.3
1 6	4 3.46	+11 48.0	1.540	2.340	17.3	21.6

449218 2013 CY_{86} 11 30.5 298.°99 1.°2/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.47	+24 55.2	1.712	2.553	14.6	20.9
11 7	4 48.16	+25 0.2	1.626	2.538	11.0	20.7
11 17	4 40.15	+24 58.4	1.562	2.523	6.7	20.4
11 27	4 30.27	+24 48.8	1.525	2.509	2.2	20.1
12 7	4 19.79	+24 32.3	1.515	2.494	3.3	20.1
12 17	4 10.06	+24 11.4	1.534	2.480	7.9	20.4
12 27	4 2.36	+23 50.4	1.578	2.466	12.3	20.6
1 6	3 57.52	+23 33.4	1.644	2.452	16.0	20.8

40117 1998 QG_{21} 11 30.5 51.°14 0.°0/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.27	+22 20.4	1.876	2.716	13.5	18.7
11 7	4 46.64	+22 10.5	1.820	2.733	9.9	18.5
11 17	4 38.87	+21 55.9	1.788	2.751	5.8	18.3
11 27	4 29.87	+21 37.3	1.783	2.768	1.5	18.1
12 7	4 20.71	+21 16.8	1.807	2.786	2.8	18.2
12 17	4 12.50	+20 56.8	1.860	2.804	7.0	18.5
12 27	4 6.13	+20 40.4	1.939	2.822	10.6	18.8
1 6	4 2.15	+20 30.1	2.041	2.840	13.7	19.0

116037 2003 WU_{99} 11 30.5 283.°23 7.°3/ 2.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.89	+38 56.5	1.807	2.604	15.7	19.5
11 7	4 52.59	+39 58.8	1.724	2.594	12.9	19.3
11 17	4 43.00	+40 45.9	1.663	2.584	9.9	19.1
11 27	4 31.07	+41 11.4	1.626	2.574	7.7	19.0
12 7	4 18.30	+41 11.9	1.616	2.564	7.6	18.9
12 17	4 6.43	+40 48.6	1.633	2.554	9.8	19.0
12 27	3 57.04	+40 7.7	1.676	2.544	12.8	19.2
1 6	3 51.10	+39 17.7	1.740	2.534	15.8	19.4

10634 Pepibican 11 30.5 83.°77 2.°5/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.53	+17 34.7	1.634	2.481	14.8	17.2
11 7	4 47.90	+16 56.9	1.566	2.483	11.0	16.9
11 17	4 39.80	+16 16.8	1.522	2.485	6.6	16.7
11 27	4 30.15	+15 37.5	1.504	2.486	2.8	16.5
12 7	4 20.18	+15 2.6	1.514	2.488	4.4	16.6
12 17	4 11.17	+14 35.8	1.552	2.490	8.7	16.8
12 27	4 4.20	+14 19.9	1.615	2.491	12.8	17.1
1 6	3 59.93	+14 16.4	1.700	2.493	16.2	17.3

7712 1995 TB_1 11 30.5 22.°59 4.°1/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.16	+13 58.2	1.133	2.004	18.2	16.3
11 7	4 46.75	+13 34.1	1.089	2.016	13.6	16.1
11 17	4 39.29	+13 14.3	1.064	2.029	8.5	15.9
11 27	4 30.01	+13 2.6	1.063	2.044	4.4	15.7
12 7	4 20.52	+13 1.8	1.087	2.060	6.0	15.8
12 17	4 12.37	+13 13.7	1.135	2.077	10.6	16.1
12 27	4 6.83	+13 38.7	1.205	2.095	15.1	16.4
1 6	4 4.53	+14 15.3	1.294	2.115	18.9	16.7

231947 2001 KU_{19} 11 30.5 103.°24 4.°1/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.15	+10 6.1	2.279	3.104	11.9	20.8
11 7	4 47.45	+ 9 24.7	2.232	3.133	9.0	20.6
11 17	4 39.13	+ 8 47.7	2.211	3.160	6.0	20.5
11 27	4 29.91	+ 8 18.0	2.219	3.187	4.2	20.4
12 7	4 20.69	+ 7 58.1	2.257	3.213	5.1	20.5
12 17	4 12.30	+ 7 49.5	2.325	3.239	7.6	20.7
12 27	4 5.44	+ 7 52.7	2.420	3.263	10.3	20.9
1 6	4 0.57	+ 8 6.8	2.538	3.287	12.7	21.2

26309 1998 TG 11 30.5 74.°77 1.°6/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.61	+25 56.5	1.422	2.262	17.0	19.2
11 7	4 52.53	+25 59.4	1.376	2.287	12.6	19.0
11 17	4 42.51	+25 52.9	1.352	2.312	7.7	18.8
11 27	4 30.82	+25 36.1	1.354	2.337	2.6	18.6
12 7	4 19.07	+25 10.9	1.384	2.362	3.6	18.7
12 17	4 8.82	+24 41.5	1.440	2.387	8.4	19.1
12 27	4 1.23	+24 13.3	1.523	2.411	12.7	19.4
1 6	3 56.90	+23 50.8	1.627	2.435	16.2	19.7

43757 1984 DB_1 11 30.5 287.°64 11.°3/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.73	−11 43.7	2.306	3.075	13.6	18.5
11 7	4 43.89	−13 17.1	2.236	3.054	12.3	18.4
11 17	4 37.28	−14 33.9	2.188	3.034	11.4	18.3
11 27	4 29.50	−15 27.2	2.164	3.013	11.3	18.3
12 7	4 21.37	−15 52.4	2.164	2.992	12.0	18.3
12 17	4 13.72	−15 47.7	2.187	2.971	13.4	18.3
12 27	4 7.38	−15 14.5	2.230	2.950	15.0	18.4
1 6	4 2.93	−14 16.7	2.291	2.929	16.6	18.5

271118 2003 SB_6 11 30.5 81.°46 0.°6/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.80	+23 48.4	2.252	3.080	12.0	21.0
11 7	4 46.77	+23 51.2	2.191	3.098	8.8	20.9
11 17	4 38.88	+23 49.0	2.156	3.116	5.3	20.7
11 27	4 29.89	+23 41.9	2.149	3.133	1.5	20.4
12 7	4 20.74	+23 30.9	2.172	3.151	2.5	20.5
12 17	4 12.38	+23 17.8	2.225	3.168	6.1	20.8
12 27	4 5.62	+23 5.4	2.306	3.185	9.3	21.0
1 6	4 0.99	+22 56.1	2.411	3.202	12.1	21.3

403700 2010 VZ_{144} 11 30.5 163.°37 1.°3/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.04	+17 23.5	2.129	2.963	12.3	21.0
11 7	4 47.14	+17 28.9	2.054	2.965	9.1	20.8
11 17	4 39.21	+17 34.5	2.004	2.966	5.4	20.6
11 27	4 30.00	+17 40.8	1.983	2.966	1.8	20.4
12 7	4 20.47	+17 48.5	1.991	2.967	3.1	20.5
12 17	4 11.61	+17 58.8	2.029	2.968	6.9	20.7
12 27	4 4.33	+18 12.8	2.094	2.969	10.4	20.9
1 6	3 59.25	+18 31.6	2.183	2.969	13.3	21.1

99874 2002 PU_{70} 11 30.5 313.°90 5.°4/ 3.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.16	+39 49.1	2.241	3.028	13.4	19.0
11 7	4 48.25	+39 50.7	2.157	3.022	10.8	18.9
11 17	4 39.97	+39 35.5	2.094	3.017	8.1	18.7
11 27	4 30.21	+39 1.1	2.058	3.011	5.9	18.5
12 7	4 20.14	+38 7.9	2.051	3.006	5.6	18.5
12 17	4 10.96	+36 59.2	2.071	3.000	7.5	18.6
12 27	4 3.72	+35 41.4	2.120	2.995	10.2	18.8
1 6	3 59.07	+34 21.5	2.192	2.990	12.9	18.9

163691 2003 BB_{43} 11 30.5 254.°52 14.°6/16.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.84	−31 8.5	2.689	3.301	15.1	22.7
11 7	4 50.62	−32 44.4	2.623	3.271	14.7	22.6
11 17	4 41.31	−33 56.0	2.575	3.239	14.6	22.5
11 27	4 30.58	−34 35.8	2.546	3.205	14.8	22.5
12 7	4 19.35	−34 39.8	2.535	3.171	15.3	22.5
12 17	4 8.62	−34 6.7	2.542	3.135	16.0	22.5
12 27	3 59.33	−32 59.1	2.564	3.098	16.9	22.5
1 6	3 52.18	−31 22.3	2.600	3.059	17.7	22.5

54567 2000 QZ_{151} 11 30.5 159.°71 5.°0/ 3.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.08	+41 1.2	3.051	3.815	10.7	19.9
11 7	4 47.69	+41 28.3	2.972	3.819	8.7	19.8
11 17	4 39.46	+41 42.8	2.917	3.823	6.8	19.6
11 27	4 30.06	+41 42.5	2.889	3.827	5.3	19.6
12 7	4 20.40	+41 26.9	2.890	3.830	5.1	19.5
12 17	4 11.37	+40 57.5	2.921	3.833	6.3	19.6
12 27	4 3.81	+40 17.8	2.980	3.836	8.2	19.8
1 6	3 58.28	+39 32.4	3.064	3.838	10.1	19.9

438559 2007 TR_{336} 11 30.5 96.°32 0.°0/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.33	+23 11.9	1.790	2.627	14.2	21.5
11 7	4 48.99	+22 52.0	1.731	2.642	10.5	21.3
11 17	4 40.32	+22 25.8	1.695	2.657	6.2	21.0
11 27	4 30.28	+21 54.3	1.686	2.671	1.6	20.8
12 7	4 20.09	+21 20.1	1.707	2.685	3.0	20.9
12 17	4 10.93	+20 46.6	1.756	2.699	7.4	21.2
12 27	4 3.80	+20 17.7	1.832	2.713	11.2	21.5
1 6	3 59.28	+19 56.5	1.931	2.727	14.5	21.7

164969 2000 AK_{53} 11 30.5 324.°59 3.°6/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.03	+31 31.1	1.721	2.547	15.2	19.8
11 7	4 49.30	+31 41.4	1.645	2.544	11.7	19.6
11 17	4 40.79	+31 38.8	1.591	2.541	7.8	19.4
11 27	4 30.46	+31 21.2	1.563	2.538	4.3	19.2
12 7	4 19.68	+30 48.9	1.562	2.536	4.4	19.2
12 17	4 9.88	+30 5.7	1.590	2.533	8.0	19.4
12 27	4 2.31	+29 17.4	1.643	2.531	11.9	19.6
1 6	3 57.74	+28 30.6	1.719	2.529	15.4	19.8

375137 2007 YA_{74} 11 30.5 9.°12 3.°1/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.63	+30 13.4	1.294	2.138	18.1	20.5
11 7	4 51.06	+30 2.5	1.227	2.138	13.8	20.3
11 17	4 42.04	+29 35.3	1.181	2.138	8.9	20.0
11 27	4 30.80	+28 50.5	1.159	2.139	4.1	19.7
12 7	4 19.12	+27 50.6	1.163	2.140	4.4	19.8
12 17	4 8.81	+26 42.3	1.192	2.141	9.4	20.1
12 27	4 1.39	+25 34.6	1.246	2.143	14.2	20.3
1 6	3 57.61	+24 35.1	1.321	2.145	18.4	20.6

328008 2007 HX_{45} 11 30.5 85.°24 4.°2/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.17	+11 32.6	2.399	3.230	11.3	20.5
11 7	4 45.25	+10 9.1	2.349	3.252	8.5	20.4
11 17	4 37.84	+ 8 48.0	2.325	3.274	5.7	20.3
11 27	4 29.61	+ 7 33.5	2.331	3.296	4.2	20.2
12 7	4 21.37	+ 6 29.9	2.367	3.318	5.3	20.3
12 17	4 13.88	+ 5 40.1	2.433	3.340	7.7	20.5
12 27	4 7.79	+ 5 5.7	2.526	3.361	10.2	20.7
1 6	4 3.52	+ 4 46.5	2.643	3.382	12.5	20.9

168159 2006 HH_{52} 11 30.5 126.°43 0.°0/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.15	+23 13.2	1.950	2.782	13.4	20.8
11 7	4 48.76	+22 55.2	1.884	2.793	9.9	20.6
11 17	4 40.16	+22 31.3	1.842	2.803	5.9	20.4
11 27	4 30.25	+22 2.1	1.829	2.813	1.5	20.2
12 7	4 20.15	+21 30.0	1.844	2.823	2.8	20.3
12 17	4 10.96	+20 58.0	1.890	2.832	7.0	20.6
12 27	4 3.64	+20 29.9	1.962	2.841	10.7	20.8
1 6	3 58.79	+20 8.6	2.058	2.850	13.8	21.0

246336 2007 TW_{244} 11 30.5 81.°89 4.°3/ 1.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 5.89	+32 3.1	1.340	2.164	18.7	20.7
11 7	4 57.30	+32 19.1	1.300	2.198	14.3	20.5
11 17	4 45.34	+32 18.1	1.282	2.231	9.4	20.3
11 27	4 31.56	+31 57.0	1.289	2.264	5.1	20.1
12 7	4 17.91	+31 17.9	1.323	2.296	5.1	20.2
12 17	4 6.19	+30 26.7	1.384	2.327	9.1	20.5
12 27	3 57.69	+29 32.4	1.471	2.357	13.2	20.9
1 6	3 52.92	+28 42.3	1.580	2.387	16.6	21.2

117310 2004 VA_{23} 11 30.5 26.°44 0.°8/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.36	+19 46.0	1.674	2.523	14.4	18.8
11 7	4 46.26	+19 44.9	1.616	2.534	10.6	18.6
11 17	4 38.81	+19 41.5	1.581	2.545	6.3	18.4
11 27	4 29.93	+19 36.7	1.572	2.557	1.7	18.1
12 7	4 20.79	+19 32.1	1.591	2.569	3.3	18.3
12 17	4 12.61	+19 29.4	1.637	2.582	7.7	18.6
12 27	4 6.38	+19 31.1	1.709	2.596	11.6	18.8
1 6	4 2.75	+19 38.7	1.804	2.610	14.9	19.1

389642 2011 LD_5 11 30.5 201.°99 3.°8/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.32	+12 57.6	1.763	2.604	14.2	21.3
11 7	4 48.37	+12 25.3	1.691	2.602	10.7	21.1
11 17	4 40.08	+11 55.4	1.642	2.600	6.9	20.9
11 27	4 30.27	+11 31.1	1.621	2.597	4.0	20.7
12 7	4 20.11	+11 15.5	1.628	2.594	5.3	20.8
12 17	4 10.76	+11 10.8	1.662	2.591	9.0	21.0
12 27	4 3.29	+11 18.5	1.723	2.588	12.7	21.2
1 6	3 58.37	+11 38.2	1.805	2.584	16.0	21.4

161312 2003 OY_{30} 11 30.5 58.°90 9.°5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.68	+ 0 47.2	1.458	2.288	17.2	19.5
11 7	4 49.07	− 0 28.3	1.435	2.323	13.8	19.4
11 17	4 40.21	− 1 26.0	1.434	2.359	10.9	19.3
11 27	4 30.22	− 1 59.7	1.457	2.394	9.5	19.3
12 7	4 20.40	− 2 6.4	1.506	2.429	10.3	19.5
12 17	4 11.90	− 1 46.6	1.580	2.464	12.5	19.7
12 27	4 5.61	− 1 3.9	1.676	2.499	15.1	19.9
1 6	4 1.98	− 0 3.7	1.792	2.534	17.4	20.2

204978 1994 SE_{12} 11 30.5 156.°17 1.°1/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.68	+19 46.1	1.865	2.705	13.6	21.3
11 7	4 47.84	+19 29.0	1.794	2.707	10.0	21.1
11 17	4 39.72	+19 8.9	1.746	2.709	6.0	20.8
11 27	4 30.17	+18 47.0	1.726	2.710	1.8	20.6
12 7	4 20.32	+18 25.4	1.735	2.712	3.3	20.7
12 17	4 11.29	+18 6.9	1.772	2.713	7.5	21.0
12 27	4 4.11	+17 54.4	1.836	2.714	11.4	21.2
1 6	3 59.41	+17 49.6	1.923	2.715	14.6	21.4

414347 2008 SD_{303} 11 30.5 121.°88 5.°2/27.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.77	+ 4 2.5	2.954	3.765	9.9	22.1
11 7	4 44.04	+ 2 51.3	2.902	3.784	7.8	22.0
11 17	4 37.08	+ 1 46.5	2.877	3.803	6.0	21.9
11 27	4 29.44	+ 0 51.6	2.882	3.821	5.2	21.8
12 7	4 21.74	+ 0 9.5	2.916	3.838	6.0	21.9
12 17	4 14.59	− 0 18.0	2.980	3.855	7.6	22.0
12 27	4 8.55	− 0 30.7	3.071	3.871	9.5	22.2
1 6	4 4.01	− 0 29.5	3.184	3.887	11.2	22.4

64469 2001 VP_{41} 11 30.5 47.°02 0.°5/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.00	+23 43.5	1.780	2.620	14.1	19.9
11 7	4 47.43	+23 37.0	1.715	2.628	10.4	19.7
11 17	4 39.49	+23 24.4	1.674	2.636	6.2	19.5
11 27	4 30.11	+23 6.0	1.659	2.644	1.7	19.2
12 7	4 20.47	+22 43.4	1.674	2.653	3.0	19.3
12 17	4 11.76	+22 19.8	1.716	2.661	7.3	19.6
12 27	4 5.02	+21 58.7	1.785	2.670	11.2	19.9
1 6	4 0.87	+21 43.2	1.876	2.680	14.5	20.1

273046 2006 DE_{139} 11 30.5 340.°44 8.°7/27.0 18

10 28	4 48.93	− 1 59.7	2.041	2.856	13.5	20.7
11 7	4 44.09	− 3 1.5	1.979	2.853	11.3	20.6
11 17	4 37.40	− 3 50.0	1.939	2.849	9.4	20.4
11 27	4 29.57	− 4 19.7	1.925	2.846	8.7	20.4
12 7	4 21.49	− 4 26.9	1.937	2.843	9.4	20.4
12 17	4 14.06	− 4 10.7	1.974	2.841	11.3	20.5
12 27	4 8.09	− 3 32.4	2.035	2.839	13.5	20.7
1 6	4 4.16	− 2 35.6	2.116	2.837	15.7	20.8

128419 2004 LK_{29} 11 30.5 141.°80 1.°7/29.9 18

10 28	4 55.55	+18 50.6	1.787	2.626	14.1	20.8
11 7	4 49.20	+18 22.7	1.721	2.634	10.4	20.5
11 17	4 40.51	+17 52.1	1.679	2.641	6.2	20.3
11 27	4 30.39	+17 20.6	1.664	2.648	2.1	20.1
12 7	4 20.02	+16 51.1	1.678	2.654	3.7	20.2
12 17	4 10.60	+16 26.8	1.721	2.660	7.9	20.5
12 27	4 3.14	+16 10.5	1.791	2.665	11.8	20.7
1 6	3 58.27	+16 4.0	1.883	2.670	15.1	20.9

417366 2006 GK_2 11 30.5 219.°49 3.°8/ 1.9 18

10 28	4 54.61	+34 27.3	2.826	3.617	10.8	21.5
11 7	4 48.22	+35 2.0	2.735	3.610	8.5	21.4
11 17	4 39.89	+35 27.5	2.669	3.602	6.1	21.2
11 27	4 30.26	+35 41.4	2.632	3.594	4.1	21.1
12 7	4 20.21	+35 42.9	2.626	3.586	4.1	21.0
12 17	4 10.67	+35 32.8	2.649	3.577	6.1	21.2
12 27	4 2.53	+35 14.1	2.701	3.568	8.6	21.3
1 6	3 56.43	+34 50.7	2.778	3.558	10.9	21.5

473046 2015 HQ_{81} 11 30.5 199.°61 1.°0/30.8 18

10 28	4 58.00	+25 5.2	1.977	2.802	13.5	22.2
11 7	4 51.10	+25 7.0	1.894	2.798	10.1	22.0
11 17	4 41.73	+25 2.0	1.835	2.794	6.2	21.7
11 27	4 30.75	+24 49.3	1.805	2.788	2.0	21.4
12 7	4 19.32	+24 29.8	1.804	2.782	3.0	21.5
12 17	4 8.70	+24 6.0	1.833	2.776	7.2	21.8
12 27	3 59.99	+23 41.9	1.890	2.768	11.1	22.0
1 6	3 53.92	+23 21.5	1.970	2.760	14.4	22.2

158364 2001 XN_{149} 11 30.5 351.°68 2.°3/29.9 18

10 28	4 54.18	+16 38.2	1.457	2.310	16.0	20.1
11 7	4 48.78	+16 31.2	1.389	2.308	11.9	19.9
11 17	4 40.54	+16 25.0	1.343	2.307	7.2	19.6
11 27	4 30.46	+16 21.2	1.322	2.305	2.8	19.3
12 7	4 19.90	+16 21.4	1.329	2.304	4.4	19.4
12 17	4 10.33	+16 27.8	1.362	2.304	9.2	19.7
12 27	4 3.00	+16 42.0	1.419	2.304	13.7	20.0
1 6	3 58.70	+17 4.9	1.498	2.304	17.4	20.2

133376 2003 SU_{149} 11 30.5 42.°85 5.°8/28.4 18

10 28	4 49.70	+ 5 46.9	2.072	2.904	12.7	19.4
11 7	4 44.58	+ 5 4.9	2.012	2.910	9.9	19.3
11 17	4 37.66	+ 4 30.8	1.975	2.915	7.3	19.1
11 27	4 29.65	+ 4 8.5	1.965	2.921	5.8	19.1
12 7	4 21.44	+ 4 0.7	1.983	2.927	6.7	19.1
12 17	4 13.93	+ 4 8.7	2.029	2.933	9.1	19.3
12 27	4 7.91	+ 4 32.1	2.099	2.940	11.8	19.5
1 6	4 3.90	+ 5 9.0	2.192	2.946	14.3	19.7

259419 2003 QN_{102} 11 30.5 39.°75 2.°0/ 1.2 18

10 28	4 52.56	+27 51.2	1.827	2.661	14.1	19.7
11 7	4 47.07	+27 50.3	1.768	2.675	10.5	19.5
11 17	4 39.26	+27 39.9	1.732	2.689	6.6	19.3
11 27	4 30.08	+27 19.8	1.723	2.704	2.7	19.1
12 7	4 20.71	+26 51.5	1.742	2.720	3.2	19.2
12 17	4 12.33	+26 18.2	1.790	2.736	7.0	19.5
12 27	4 5.93	+25 44.6	1.864	2.752	10.7	19.7
1 6	4 2.10	+25 14.6	1.961	2.768	13.8	20.0

411114 2009 WR_{86} 11 30.5 89.°83 1.°8/ 1.3 18

10 28	4 52.74	+28 7.8	2.293	3.114	12.0	21.5
11 7	4 46.84	+28 9.0	2.225	3.126	9.0	21.3
11 17	4 39.01	+28 2.2	2.183	3.137	5.7	21.1
11 27	4 30.01	+27 46.8	2.168	3.148	2.5	20.9
12 7	4 20.82	+27 23.9	2.183	3.160	2.8	21.0
12 17	4 12.40	+26 55.9	2.228	3.171	6.1	21.2
12 27	4 5.61	+26 26.5	2.301	3.182	9.3	21.4
1 6	4 0.98	+25 59.0	2.398	3.193	12.0	21.6

413296 2003 UZ_{178} 11 30.5 63.°97 14.°4/23.7 17

	h m	° ′			°	m
10 28	4 55.72	+ 1 32.1	1.036	1.891	20.8	20.3
11 7	4 50.09	− 1 58.2	1.002	1.901	17.4	20.1
11 17	4 41.27	− 5 10.7	0.990	1.912	14.9	20.0
11 27	4 30.60	− 7 46.6	1.000	1.923	14.5	20.0
12 7	4 19.85	− 9 33.0	1.033	1.934	16.2	20.2
12 17	4 10.65	−10 25.8	1.086	1.945	19.0	20.4
12 27	4 4.27	−10 29.2	1.156	1.956	21.9	20.6
1 6	4 1.32	− 9 53.2	1.240	1.967	24.5	20.9

304326 2006 SX_{187} 11 30.5 14.°95 2.°9/ 1.4 18

10 28	4 55.24	+28 52.0	1.823	2.651	14.4	20.6
11 7	4 49.32	+29 17.9	1.749	2.651	10.9	20.4
11 17	4 40.78	+29 34.7	1.699	2.652	7.1	20.2
11 27	4 30.53	+29 40.2	1.675	2.653	3.5	20.0
12 7	4 19.83	+29 34.1	1.679	2.653	3.9	20.0
12 17	4 10.01	+29 18.4	1.711	2.654	7.6	20.2
12 27	4 2.25	+28 57.4	1.770	2.655	11.3	20.5
1 6	3 57.30	+28 36.1	1.852	2.656	14.6	20.7

197428 2003 YE_{73} 11 30.5 304.°74 1.°9/ 1.3 18

10 28	4 51.04	+28 21.8	2.205	3.031	12.3	19.9
11 7	4 45.87	+28 16.4	2.115	3.018	9.3	19.6
11 17	4 38.60	+28 2.2	2.050	3.005	5.9	19.4
11 27	4 29.95	+27 38.6	2.011	2.992	2.5	19.2
12 7	4 20.90	+27 6.8	2.002	2.979	3.0	19.2
12 17	4 12.50	+26 29.3	2.023	2.967	6.5	19.4
12 27	4 5.69	+25 50.4	2.070	2.955	10.0	19.6
1 6	4 1.14	+25 14.0	2.142	2.943	13.1	19.8

380090 2013 SW_{54} 11 30.5 140.°06 2.°5/ 1.2 16

10 28	5 1.06	+28 3.6	1.641	2.466	15.8	22.2
11 7	4 53.66	+28 16.4	1.576	2.478	11.9	22.0
11 17	4 43.33	+28 18.8	1.534	2.489	7.5	21.8
11 27	4 31.19	+28 8.8	1.518	2.499	3.3	21.5
12 7	4 18.72	+27 47.0	1.532	2.508	3.8	21.6
12 17	4 7.46	+27 16.9	1.574	2.517	8.1	21.9
12 27	3 58.66	+26 44.1	1.642	2.525	12.2	22.1
1 6	3 53.05	+26 14.1	1.733	2.532	15.7	22.4

2369 Chekhov 11 30.5 135.°89 0.°5/30.7 18

10 28	4 53.68	+23 28.2	2.036	2.868	12.9	16.6
11 7	4 47.76	+23 28.4	1.963	2.872	9.6	16.4
11 17	4 39.67	+23 23.4	1.915	2.875	5.7	16.2
11 27	4 30.22	+23 13.3	1.894	2.878	1.6	15.9
12 7	4 20.47	+22 59.0	1.903	2.882	2.7	16.0
12 17	4 11.49	+22 42.9	1.941	2.884	6.8	16.2
12 27	4 4.26	+22 28.0	2.006	2.887	10.4	16.5
1 6	3 59.40	+22 17.1	2.095	2.890	13.5	16.7

389410 2010 AC_{35} 11 30.5 338.°95 4.°5/29.3 18

10 28	4 51.06	+13 47.6	1.257	2.123	17.2	20.6
11 7	4 46.84	+13 10.6	1.189	2.113	13.0	20.4
11 17	4 39.57	+12 35.9	1.140	2.103	8.3	20.1
11 27	4 30.26	+12 8.0	1.116	2.095	4.7	19.8
12 7	4 20.37	+11 51.4	1.117	2.087	6.4	19.9
12 17	4 11.47	+11 49.3	1.142	2.081	11.0	20.2
12 27	4 4.96	+12 3.6	1.190	2.075	15.7	20.4
1 6	4 1.70	+12 33.2	1.257	2.070	19.7	20.7

457268 2008 RS_{42} 11 30.5 28.°93 4.°0/ 1.9 17

10 28	4 53.69	+32 54.7	2.153	2.965	13.0	21.4
11 7	4 47.91	+33 25.8	2.080	2.969	10.1	21.2
11 17	4 39.83	+33 46.2	2.030	2.972	7.0	21.0
11 27	4 30.28	+33 53.4	2.007	2.976	4.4	20.9
12 7	4 20.36	+33 46.8	2.013	2.980	4.4	20.9
12 17	4 11.22	+33 28.4	2.048	2.984	7.0	21.0
12 27	4 3.89	+33 2.2	2.109	2.988	10.1	21.2
1 6	3 59.03	+32 33.0	2.195	2.993	12.9	21.4

174186 2002 PY_{157} 11 30.5 179.°95 3.°0/ 1.5 18

10 28	4 58.97	+29 37.7	1.667	2.493	15.6	20.7
11 7	4 52.25	+29 46.8	1.593	2.494	11.9	20.5
11 17	4 42.59	+29 44.2	1.541	2.494	7.7	20.3
11 27	4 31.03	+29 27.7	1.516	2.495	3.7	20.0
12 7	4 19.01	+28 57.8	1.519	2.494	4.1	20.1
12 17	4 8.07	+28 18.3	1.550	2.494	8.1	20.3
12 27	3 59.51	+27 35.2	1.608	2.493	12.3	20.6
1 6	3 54.10	+26 54.8	1.687	2.491	15.9	20.8

452071 2014 OE_{351} 11 30.5 107.°19 1.°5/ 1.1 18

10 28	4 53.43	+27 14.3	2.062	2.889	13.0	21.4
11 7	4 47.55	+27 4.1	1.990	2.895	9.7	21.2
11 17	4 39.53	+26 45.2	1.943	2.900	6.0	21.0
11 27	4 30.19	+26 17.7	1.923	2.905	2.3	20.8
12 7	4 20.60	+25 43.1	1.932	2.911	2.9	20.8
12 17	4 11.86	+25 4.6	1.971	2.916	6.6	21.1
12 27	4 4.89	+24 26.5	2.038	2.921	10.2	21.3
1 6	4 0.30	+23 52.6	2.128	2.926	13.2	21.5

226460 2003 SZ_{140} 11 30.5 156.°49 0.°8/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.88	+21 46.5	2.400	3.231	11.2	20.1
11 7	4 45.33	+20 59.5	2.323	3.233	8.2	20.0
11 17	4 38.07	+20 7.2	2.273	3.235	4.9	19.7
11 27	4 29.80	+19 11.7	2.252	3.236	1.4	19.5
12 7	4 21.34	+18 16.0	2.261	3.238	2.7	19.6
12 17	4 13.57	+17 23.7	2.301	3.240	6.2	19.8
12 27	4 7.22	+16 38.2	2.369	3.241	9.4	20.0
1 6	4 2.81	+16 1.8	2.461	3.242	12.1	20.2

306475 1999 RK_{252} 11 30.5 75.°95 6.°9/ 2.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 4.07	+37 2.0	1.378	2.192	18.9	20.6
11 7	4 56.42	+37 45.8	1.332	2.216	15.0	20.4
11 17	4 45.13	+38 9.0	1.306	2.241	10.8	20.2
11 27	4 31.66	+38 6.1	1.304	2.265	7.5	20.1
12 7	4 18.04	+37 36.6	1.328	2.289	7.2	20.1
12 17	4 6.23	+36 46.1	1.379	2.312	10.0	20.4
12 27	3 57.69	+35 44.4	1.454	2.336	13.6	20.6
1 6	3 53.07	+34 41.3	1.550	2.359	16.8	20.9

453225 2008 JS_{10} 11 30.5 87.°99 0.°5/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.53	+22 47.1	2.286	3.110	12.0	21.3
11 7	4 48.74	+23 4.4	2.232	3.136	8.8	21.1
11 17	4 40.07	+23 17.9	2.202	3.161	5.2	20.9
11 27	4 30.31	+23 26.7	2.202	3.187	1.5	20.7
12 7	4 20.43	+23 31.5	2.233	3.211	2.5	20.8
12 17	4 11.37	+23 33.3	2.294	3.236	6.0	21.1
12 27	4 3.96	+23 34.5	2.383	3.260	9.2	21.4
1 6	3 58.71	+23 37.2	2.497	3.283	11.8	21.6

79586 1998 RB_{17} 11 30.5 46.°48 4.°1/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.85	+29 31.3	1.115	1.966	20.0	19.1
11 7	4 53.46	+30 4.5	1.078	1.991	15.1	18.9
11 17	4 43.39	+30 22.9	1.061	2.018	9.7	18.7
11 27	4 31.20	+30 22.9	1.067	2.045	4.9	18.5
12 7	4 18.96	+30 5.5	1.098	2.073	5.2	18.6
12 17	4 8.61	+29 35.7	1.154	2.102	9.7	19.0
12 27	4 1.57	+29 1.5	1.233	2.130	14.3	19.3
1 6	3 58.40	+28 30.0	1.332	2.159	18.0	19.6

46064 2001 DH_{92} 11 30.5 154.°64 3.°7/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.58	+10 6.8	2.794	3.619	10.0	19.3
11 7	4 44.10	+ 9 17.3	2.727	3.626	7.6	19.1
11 17	4 37.24	+ 8 30.6	2.685	3.633	5.2	19.0
11 27	4 29.58	+ 7 49.7	2.673	3.639	3.7	18.9
12 7	4 21.78	+ 7 17.1	2.692	3.645	4.6	19.0
12 17	4 14.51	+ 6 54.7	2.741	3.650	6.8	19.1
12 27	4 8.39	+ 6 43.6	2.817	3.655	9.2	19.3
1 6	4 3.86	+ 6 43.6	2.917	3.659	11.3	19.4

314401 2005 US_{218} 11 30.5 51.°31 2.°3/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.60	+28 49.0	1.941	2.768	13.6	21.1
11 7	4 47.88	+28 53.7	1.871	2.773	10.3	20.9
11 17	4 39.81	+28 48.7	1.824	2.778	6.6	20.7
11 27	4 30.29	+28 33.1	1.804	2.783	3.0	20.5
12 7	4 20.47	+28 7.9	1.812	2.789	3.4	20.5
12 17	4 11.53	+27 35.9	1.850	2.794	7.0	20.8
12 27	4 4.50	+27 1.7	1.914	2.799	10.6	21.0
1 6	4 0.03	+26 29.8	2.001	2.805	13.7	21.2

184506 2005 PM_{13} 11 30.5 174.°03 3.°5/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.39	+10 55.7	2.386	3.214	11.4	21.1
11 7	4 46.43	+10 33.4	2.314	3.216	8.6	20.9
11 17	4 38.75	+10 14.7	2.266	3.218	5.7	20.8
11 27	4 30.00	+10 1.8	2.248	3.220	3.6	20.6
12 7	4 21.02	+ 9 56.6	2.259	3.221	4.6	20.7
12 17	4 12.64	+10 0.4	2.300	3.221	7.3	20.9
12 27	4 5.64	+10 13.9	2.369	3.221	10.2	21.1
1 6	4 0.54	+10 36.6	2.461	3.221	12.7	21.2

480354 2015 KP_{19} 11 30.5 182.°13 0.°4/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.33	+24 39.0	1.698	2.535	14.9	21.3
11 7	4 50.09	+24 16.7	1.625	2.535	11.1	21.1
11 17	4 41.21	+23 45.9	1.574	2.535	6.7	20.8
11 27	4 30.68	+23 7.2	1.551	2.535	1.9	20.5
12 7	4 19.79	+22 23.2	1.556	2.535	3.2	20.6
12 17	4 9.90	+21 38.2	1.590	2.534	7.9	20.9
12 27	4 2.16	+20 57.4	1.650	2.533	12.1	21.1
1 6	3 57.26	+20 24.9	1.732	2.532	15.7	21.4

415232 2012 HS_{78} 11 30.5 237.°53 1.°2/29.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.74	+20 27.1	2.477	3.308	10.9	21.4
11 7	4 45.26	+19 38.3	2.391	3.300	8.0	21.2
11 17	4 38.07	+18 44.7	2.331	3.292	4.8	20.9
11 27	4 29.83	+17 48.6	2.300	3.283	1.6	20.7
12 7	4 21.35	+16 52.9	2.300	3.275	2.9	20.8
12 17	4 13.45	+16 1.3	2.330	3.266	6.3	21.0
12 27	4 6.91	+15 16.8	2.389	3.257	9.5	21.2
1 6	4 2.25	+14 41.9	2.472	3.248	12.2	21.4

360637 2004 FF_{138} 11 30.5 254.°83 1.°4/30.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.15	+25 45.8	2.045	2.873	13.0	21.7
11 7	4 48.31	+25 52.1	1.958	2.863	9.8	21.5
11 17	4 40.14	+25 51.7	1.895	2.853	6.0	21.2
11 27	4 30.42	+25 43.7	1.859	2.842	2.2	21.0
12 7	4 20.23	+25 28.8	1.853	2.831	2.9	21.0
12 17	4 10.71	+25 9.1	1.876	2.820	6.9	21.2
12 27	4 2.94	+24 48.1	1.927	2.809	10.7	21.4
1 6	3 57.64	+24 29.7	2.001	2.798	14.0	21.6

83273 2001 RY_{80} 11 30.5 84.°72 2.°1/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.15	+27 12.8	1.976	2.798	13.6	19.3
11 7	4 50.27	+27 35.2	1.920	2.821	10.2	19.1
11 17	4 41.13	+27 49.8	1.889	2.844	6.4	18.9
11 27	4 30.63	+27 55.1	1.886	2.866	2.8	18.8
12 7	4 19.96	+27 51.1	1.912	2.888	3.2	18.8
12 17	4 10.30	+27 40.1	1.967	2.910	6.8	19.1
12 27	4 2.61	+27 25.8	2.050	2.931	10.2	19.4
1 6	3 57.48	+27 12.0	2.157	2.952	13.2	19.6

411490 2011 AG_{52} 11 30.5 347.°23 1.°3/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.24	+17 11.9	1.842	2.685	13.6	20.2
11 7	4 46.94	+17 26.0	1.766	2.681	10.1	19.9
11 17	4 39.34	+17 41.1	1.715	2.677	6.0	19.7
11 27	4 30.21	+17 57.7	1.690	2.674	2.0	19.4
12 7	4 20.64	+18 16.1	1.694	2.671	3.4	19.5
12 17	4 11.79	+18 37.0	1.726	2.668	7.6	19.8
12 27	4 4.70	+19 1.4	1.785	2.666	11.5	20.0
1 6	4 0.08	+19 30.1	1.866	2.665	14.8	20.2

468563 2006 VZ_{148} 11 30.5 8.°07 4.°5/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 8.43	+ 4 40.7	0.932	1.781	23.2	20.0
11 7	5 0.92	+ 6 40.3	0.869	1.780	18.0	19.7
11 17	4 48.65	+ 9 13.9	0.824	1.781	11.7	19.3
11 27	4 32.83	+12 17.0	0.803	1.783	5.6	19.0
12 7	4 15.72	+15 36.2	0.810	1.786	6.4	19.1
12 17	4 0.01	+18 54.3	0.843	1.789	12.7	19.4
12 27	3 48.06	+21 58.8	0.901	1.794	18.7	19.8
1 6	3 41.13	+24 44.6	0.979	1.799	23.6	20.1

515598 2014 JY_{45} 11 30.5 99.°91 0.°0/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.46	+22 46.9	1.859	2.696	13.8	21.6
11 7	4 48.41	+22 34.8	1.794	2.705	10.2	21.4
11 17	4 40.09	+22 17.2	1.753	2.715	6.0	21.2
11 27	4 30.38	+21 54.8	1.739	2.724	1.6	20.9
12 7	4 20.43	+21 29.5	1.754	2.733	2.9	21.0
12 17	4 11.40	+21 4.3	1.798	2.742	7.2	21.3
12 27	4 4.29	+20 42.7	1.869	2.751	11.0	21.5
1 6	3 59.71	+20 27.5	1.963	2.760	14.2	21.8

487338 2014 QK_{193} 11 30.5 211.°08 5.°8/ 3.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.15	+40 28.9	2.340	3.116	13.2	21.7
11 7	4 50.50	+40 47.9	2.255	3.113	10.8	21.5
11 17	4 41.41	+40 51.1	2.193	3.108	8.2	21.3
11 27	4 30.75	+40 35.2	2.158	3.104	6.2	21.2
12 7	4 19.71	+39 59.6	2.151	3.099	5.9	21.2
12 17	4 9.54	+39 7.0	2.172	3.094	7.6	21.3
12 27	4 1.32	+38 3.0	2.221	3.088	10.2	21.4
1 6	3 55.75	+36 54.3	2.295	3.083	12.7	21.6

329679 2003 UC_{140} 11 30.5 27.°18 6.°3/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.17	+ 9 41.7	1.079	1.946	19.3	20.1
11 7	4 49.20	+ 9 15.4	1.031	1.953	14.7	19.8
11 17	4 40.95	+ 8 59.4	1.003	1.962	9.9	19.6
11 27	4 30.65	+ 8 58.4	0.997	1.971	6.4	19.5
12 7	4 20.02	+ 9 15.2	1.015	1.981	7.8	19.6
12 17	4 10.76	+ 9 50.1	1.056	1.992	12.1	19.8
12 27	4 4.29	+10 41.4	1.120	2.004	16.5	20.1
1 6	4 1.31	+11 45.4	1.202	2.016	20.4	20.4

446024 2013 CV_{64} 11 30.5 324.°05 2.°0/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.25	+18 15.3	1.680	2.528	14.4	21.4
11 7	4 47.08	+17 44.6	1.606	2.523	10.7	21.1
11 17	4 39.46	+17 11.4	1.555	2.518	6.5	20.9
11 27	4 30.26	+16 38.0	1.531	2.514	2.4	20.6
12 7	4 20.66	+16 7.6	1.534	2.510	4.1	20.7
12 17	4 11.91	+15 43.6	1.566	2.506	8.4	20.9
12 27	4 5.10	+15 29.1	1.622	2.502	12.5	21.2
1 6	4 0.93	+15 25.6	1.700	2.498	16.0	21.4

16012 Jamierubin 11 30.5 200.°42 1.°1/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.77	+25 46.8	1.991	2.817	13.4	19.0
11 7	4 50.21	+25 42.4	1.909	2.813	10.1	18.8
11 17	4 41.24	+25 30.3	1.851	2.809	6.2	18.6
11 27	4 30.73	+25 10.0	1.822	2.805	2.1	18.3
12 7	4 19.81	+24 42.6	1.821	2.800	2.9	18.3
12 17	4 9.69	+24 11.2	1.851	2.794	7.1	18.6
12 27	4 1.45	+23 39.9	1.908	2.788	10.9	18.8
1 6	3 55.80	+23 12.8	1.988	2.781	14.2	19.0

269329 2008 SJ_{285} 11 30.5 9.°95 3.°5/29.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.47	+12 59.3	2.162	3.001	12.0	20.8
11 7	4 44.47	+12 19.9	2.092	3.002	9.0	20.6
11 17	4 37.66	+11 42.3	2.046	3.002	5.8	20.4
11 27	4 29.76	+11 9.4	2.028	3.003	3.5	20.3
12 7	4 21.61	+10 44.2	2.040	3.004	4.6	20.3
12 17	4 14.12	+10 29.0	2.079	3.005	7.7	20.5
12 27	4 8.08	+10 25.0	2.146	3.006	10.7	20.7
1 6	4 4.03	+10 32.4	2.235	3.008	13.5	20.9

5116 Korsør 11 30.5 358.°85 1.°8/ 1.1 18

10 28	4 51.63	+26 23.5	1.936	2.771	13.4	16.3
11 7	4 46.51	+26 40.1	1.862	2.770	10.0	16.1
11 17	4 39.09	+26 50.0	1.810	2.768	6.3	15.9
11 27	4 30.17	+26 52.0	1.786	2.768	2.5	15.6
12 7	4 20.86	+26 46.4	1.790	2.768	3.1	15.7
12 17	4 12.31	+26 34.9	1.823	2.768	7.0	15.9
12 27	4 5.56	+26 21.2	1.882	2.769	10.6	16.2
1 6	4 1.28	+26 8.6	1.964	2.771	13.8	16.4

160241 2002 JO_{145} 11 30.5 315.°48 9.°3/27.8 18

10 28	4 52.73	− 0 58.4	1.704	2.525	15.5	19.7
11 7	4 47.22	− 1 54.8	1.644	2.524	12.8	19.5
11 17	4 39.45	− 2 36.0	1.605	2.523	10.4	19.4
11 27	4 30.26	− 2 55.9	1.591	2.523	9.3	19.3
12 7	4 20.76	− 2 50.7	1.603	2.522	10.1	19.4
12 17	4 12.09	− 2 19.6	1.640	2.521	12.4	19.5
12 27	4 5.24	− 1 25.2	1.700	2.520	15.1	19.7
1 6	4 0.87	− 0 12.0	1.780	2.520	17.6	19.9

164884 1999 VW_{76} 11 30.5 250.°11 1.°0/30.2 18

10 28	4 53.81	+19 55.7	1.854	2.694	13.7	21.0
11 7	4 48.11	+19 41.8	1.774	2.687	10.1	20.7
11 17	4 40.05	+19 24.6	1.718	2.680	6.0	20.5
11 27	4 30.44	+19 5.4	1.689	2.673	1.8	20.2
12 7	4 20.40	+18 46.1	1.689	2.666	3.3	20.3
12 17	4 11.11	+18 29.2	1.717	2.659	7.7	20.5
12 27	4 3.65	+18 17.7	1.772	2.652	11.7	20.8
1 6	3 58.73	+18 13.9	1.850	2.644	15.1	21.0

3855 Pasasymphonia 11 30.5 63.°22 3.°7/29.9 18

10 28	4 59.34	+13 41.3	1.186	2.042	18.7	16.0
11 7	4 52.59	+13 35.0	1.147	2.066	13.8	15.8
11 17	4 42.72	+13 33.7	1.128	2.090	8.5	15.5
11 27	4 31.09	+13 39.3	1.134	2.114	4.1	15.4
12 7	4 19.40	+13 53.2	1.166	2.139	5.6	15.5
12 17	4 9.28	+14 16.2	1.224	2.164	10.3	15.9
12 27	4 1.98	+14 48.3	1.305	2.188	14.7	16.2
1 6	3 58.09	+15 28.8	1.407	2.213	18.4	16.5

28463 2000 AG_{168} 11 30.5 285.°24 0.°8/30.7 18

10 28	4 56.93	+22 22.1	1.513	2.357	16.0	19.0
11 7	4 51.04	+22 47.6	1.436	2.350	11.9	18.8
11 17	4 42.10	+23 9.8	1.381	2.343	7.2	18.5
11 27	4 31.03	+23 27.1	1.352	2.336	2.1	18.1
12 7	4 19.28	+23 38.8	1.350	2.329	3.5	18.2
12 17	4 8.43	+23 46.3	1.376	2.322	8.6	18.5
12 27	3 59.91	+23 52.6	1.427	2.315	13.3	18.8
1 6	3 54.61	+24 1.2	1.499	2.309	17.3	19.0

380499 2004 DC_{34} 11 30.5 281.°74 5.°2/28.8 18

10 28	4 54.02	+11 46.7	1.515	2.364	15.7	20.8
11 7	4 48.77	+10 56.2	1.430	2.343	12.0	20.6
11 17	4 40.71	+10 7.7	1.366	2.323	8.1	20.3
11 27	4 30.67	+ 9 26.2	1.329	2.302	5.3	20.1
12 7	4 19.94	+ 8 56.8	1.318	2.281	6.9	20.1
12 17	4 9.92	+ 8 43.5	1.333	2.260	11.0	20.3
12 27	4 1.98	+ 8 48.4	1.372	2.238	15.3	20.5
1 6	3 56.97	+ 9 11.1	1.431	2.217	19.1	20.7

303475 2005 CF_{79} 11 30.5 216.°00 3.°3/ 1.7 18

10 28	4 56.49	+31 8.6	2.027	2.842	13.6	21.3
11 7	4 50.14	+31 24.9	1.944	2.837	10.5	21.1
11 17	4 41.28	+31 30.6	1.884	2.832	7.0	20.9
11 27	4 30.78	+31 23.3	1.852	2.827	3.9	20.7
12 7	4 19.81	+31 3.0	1.849	2.821	4.0	20.7
12 17	4 9.64	+30 32.1	1.875	2.815	7.2	20.8
12 27	4 1.41	+29 55.5	1.928	2.809	10.8	21.0
1 6	3 55.85	+29 18.4	2.004	2.802	13.9	21.2

217521 2006 UL_{225} 11 30.5 150.°56 3.°8/ 1.9 18

10 28	5 0.14	+32 0.6	1.661	2.480	15.9	20.3
11 7	4 53.14	+32 10.7	1.591	2.486	12.3	20.1
11 17	4 43.15	+32 6.7	1.544	2.492	8.2	19.9
11 27	4 31.26	+31 45.9	1.523	2.498	4.5	19.7
12 7	4 19.01	+31 9.1	1.530	2.503	4.6	19.7
12 17	4 7.95	+30 20.3	1.565	2.507	8.3	19.9
12 27	3 59.40	+29 26.6	1.627	2.511	12.2	20.2
1 6	3 54.07	+28 35.1	1.711	2.515	15.7	20.4

521884 2015 TL_{381} 11 30.5 327.°05 1.°5/30.8 17

	h m	° ′			°	m
10 28	4 56.03	+22 59.5	1.779	2.614	14.3	20.8
11 7	4 50.09	+23 52.7	1.697	2.606	10.7	20.6
11 17	4 41.44	+24 44.3	1.639	2.599	6.6	20.3
11 27	4 30.87	+25 31.4	1.608	2.591	2.4	20.1
12 7	4 19.62	+26 11.8	1.606	2.584	3.4	20.1
12 17	4 9.05	+26 44.9	1.633	2.578	7.7	20.4
12 27	4 0.46	+27 12.5	1.687	2.572	11.8	20.6
1 6	3 54.71	+27 37.4	1.763	2.566	15.4	20.8

519075 2010 LQ_{18} 11 30.5 240.°22 0.°9/ 1.0 18

10 28	4 50.32	+27 5.3	2.709	3.529	10.4	21.2
11 7	4 44.90	+26 34.5	2.623	3.524	7.8	21.0
11 17	4 37.87	+25 55.9	2.562	3.519	4.8	20.8
11 27	4 29.85	+25 10.3	2.531	3.514	1.6	20.6
12 7	4 21.62	+24 19.6	2.530	3.508	2.2	20.6
12 17	4 13.98	+23 26.9	2.560	3.503	5.4	20.8
12 27	4 7.65	+22 35.8	2.619	3.498	8.4	21.0
1 6	4 3.12	+21 49.5	2.704	3.492	11.0	21.2

316449 2010 UL_{65} 11 30.5 209.°74 0.°9/30.9 17

10 28	4 53.16	+25 9.8	2.046	2.877	12.9	21.7
11 7	4 47.47	+25 6.2	1.969	2.876	9.6	21.5
11 17	4 39.59	+24 55.9	1.917	2.876	5.8	21.3
11 27	4 30.33	+24 38.8	1.892	2.875	1.9	21.0
12 7	4 20.73	+24 16.2	1.896	2.875	2.8	21.1
12 17	4 11.90	+23 50.6	1.929	2.874	6.7	21.3
12 27	4 4.79	+23 25.6	1.990	2.873	10.4	21.5
1 6	4 0.07	+23 4.7	2.074	2.872	13.5	21.8

203219 2001 FE_{61} 11 30.5 302.°57 2.°3/ 1.1 15

10 28	4 54.74	+26 42.6	1.608	2.447	15.4	20.3
11 7	4 49.51	+27 4.5	1.517	2.427	11.7	20.0
11 17	4 41.28	+27 19.0	1.449	2.408	7.4	19.8
11 27	4 30.87	+27 23.6	1.407	2.388	3.1	19.4
12 7	4 19.64	+27 17.8	1.391	2.369	3.9	19.4
12 17	4 9.13	+27 3.4	1.403	2.350	8.5	19.7
12 27	4 0.81	+26 45.0	1.440	2.331	13.1	19.9
1 6	3 55.65	+26 27.8	1.499	2.313	17.1	20.1

118627 2000 HE_{36} 11 30.5 232.°42 7.°8/27.7 18

10 28	4 53.40	+ 4 33.6	1.652	2.487	15.3	19.4
11 7	4 47.84	+ 3 23.7	1.586	2.483	12.2	19.2
11 17	4 39.90	+ 2 23.0	1.542	2.478	9.3	19.0
11 27	4 30.43	+ 1 38.0	1.523	2.474	7.8	18.9
12 7	4 20.60	+ 1 13.8	1.532	2.469	9.0	19.0
12 17	4 11.59	+ 1 12.8	1.566	2.464	11.8	19.1
12 27	4 4.49	+ 1 34.7	1.623	2.458	14.9	19.3
1 6	3 59.96	+ 2 16.5	1.700	2.453	17.8	19.5

123971 2001 FX_{27} 11 30.5 213.°64 3.°7/ 1.9 17

10 28	4 54.57	+32 32.2	2.264	3.073	12.6	19.8
11 7	4 48.54	+33 2.6	2.185	3.072	9.8	19.6
11 17	4 40.27	+33 23.0	2.129	3.071	6.7	19.4
11 27	4 30.54	+33 31.0	2.101	3.071	4.2	19.2
12 7	4 20.40	+33 26.0	2.103	3.070	4.2	19.2
12 17	4 10.96	+33 9.5	2.133	3.069	6.8	19.4
12 27	4 3.25	+32 45.2	2.191	3.068	9.8	19.6
1 6	3 57.93	+32 18.0	2.273	3.068	12.6	19.8

263519 2008 EC_{149} 11 30.5 219.°57 0.°0/30.3 18

10 28	4 57.95	+21 6.0	1.588	2.428	15.5	20.8
11 7	4 51.61	+21 19.1	1.511	2.424	11.6	20.5
11 17	4 42.36	+21 29.3	1.458	2.420	6.9	20.3
11 27	4 31.14	+21 35.9	1.430	2.415	1.8	19.9
12 7	4 19.33	+21 39.1	1.431	2.410	3.4	20.0
12 17	4 8.43	+21 40.7	1.460	2.405	8.4	20.3
12 27	3 59.77	+21 43.8	1.515	2.400	12.9	20.6
1 6	3 54.20	+21 51.1	1.592	2.394	16.8	20.8

352205 2007 RH_{311} 11 30.5 37.°55 9.°0/28.9 18

10 28	4 52.96	+ 1 48.2	1.370	2.211	17.5	20.1
11 7	4 47.63	+ 1 3.4	1.328	2.226	14.0	20.0
11 17	4 39.75	+ 0 35.3	1.306	2.241	10.8	19.8
11 27	4 30.38	+ 0 29.7	1.308	2.257	9.1	19.8
12 7	4 20.86	+ 0 49.4	1.335	2.274	9.9	19.9
12 17	4 12.50	+ 1 33.5	1.386	2.291	12.5	20.1
12 27	4 6.36	+ 2 38.5	1.460	2.308	15.6	20.3
1 6	4 3.02	+ 3 58.8	1.554	2.327	18.4	20.5

279626 2011 ET_{45} 11 30.5 345.°45 6.°7/27.9 17

10 28	4 48.19	+ 6 1.4	1.805	2.648	13.8	20.1
11 7	4 43.89	+ 5 2.4	1.737	2.640	10.9	19.9
11 17	4 37.51	+ 4 11.0	1.691	2.633	8.1	19.7
11 27	4 29.82	+ 3 32.7	1.671	2.627	6.7	19.6
12 7	4 21.80	+ 3 11.5	1.678	2.621	7.7	19.7
12 17	4 14.47	+ 3 9.8	1.711	2.617	10.4	19.8
12 27	4 8.76	+ 3 27.7	1.767	2.612	13.4	20.0
1 6	4 5.29	+ 4 3.0	1.845	2.609	16.2	20.2

272676 2005 XD_{14} 11 30.5 80.°58 3.°1/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.12	+14 48.6	1.532	2.377	15.8	20.6
11 7	4 50.51	+14 28.8	1.485	2.398	11.7	20.4
11 17	4 41.38	+14 11.2	1.459	2.420	7.2	20.2
11 27	4 30.80	+13 58.1	1.461	2.441	3.4	20.0
12 7	4 20.12	+13 51.7	1.490	2.462	4.8	20.1
12 17	4 10.64	+13 53.9	1.547	2.483	8.9	20.4
12 27	4 3.40	+14 5.7	1.629	2.503	12.8	20.7
1 6	3 58.99	+14 27.3	1.733	2.524	16.1	21.0

318171 2004 RU_{11} 11 30.5 108.°73 4.°9/ 2.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.22	+36 32.2	2.194	2.990	13.3	21.0
11 7	4 49.82	+36 59.4	2.122	2.997	10.6	20.8
11 17	4 41.03	+37 13.1	2.074	3.004	7.7	20.6
11 27	4 30.75	+37 10.2	2.052	3.011	5.4	20.5
12 7	4 20.14	+36 50.6	2.059	3.018	5.2	20.5
12 17	4 10.41	+36 16.6	2.095	3.025	7.3	20.6
12 27	4 2.61	+35 33.1	2.157	3.031	10.1	20.8
1 6	3 57.42	+34 46.1	2.244	3.037	12.8	21.0

382423 1998 TM_{27} 11 30.5 9.°51 2.°0/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.51	+25 13.4	1.048	1.918	19.5	20.7
11 7	4 48.55	+25 33.6	0.993	1.920	14.6	20.4
11 17	4 40.89	+25 44.8	0.957	1.923	9.0	20.1
11 27	4 30.78	+25 45.1	0.943	1.927	3.2	19.8
12 7	4 20.12	+25 35.1	0.953	1.933	4.3	19.9
12 17	4 10.89	+25 18.7	0.987	1.940	10.1	20.3
12 27	4 4.73	+25 1.8	1.042	1.949	15.3	20.6
1 6	4 2.45	+24 49.7	1.116	1.959	19.7	20.9

420626 2012 HF_{72} 11 30.5 126.°71 0.°2/30.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.46	+19 37.2	2.428	3.255	11.2	21.1
11 7	4 47.37	+20 0.5	2.353	3.259	8.3	20.9
11 17	4 39.44	+20 23.0	2.303	3.263	4.9	20.7
11 27	4 30.34	+20 44.2	2.283	3.267	1.3	20.4
12 7	4 20.92	+21 3.9	2.293	3.271	2.4	20.5
12 17	4 12.09	+21 22.8	2.334	3.275	6.0	20.8
12 27	4 4.68	+21 41.8	2.403	3.279	9.2	21.0
1 6	3 59.26	+22 2.3	2.498	3.282	11.9	21.2

31598 Danielrudin 11 30.5 102.°52 3.°6/ 1.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.15	+30 37.8	1.690	2.512	15.5	18.4
11 7	4 52.32	+31 3.3	1.628	2.525	11.9	18.2
11 17	4 42.65	+31 17.1	1.588	2.538	7.9	18.0
11 27	4 31.20	+31 16.3	1.575	2.551	4.2	17.8
12 7	4 19.44	+31 0.8	1.590	2.563	4.4	17.8
12 17	4 8.83	+30 33.8	1.633	2.575	8.0	18.1
12 27	4 0.61	+30 0.9	1.702	2.586	11.8	18.3
1 6	3 55.48	+29 28.1	1.794	2.598	15.1	18.6

230241 2001 UP_{128} 11 30.5 30.°36 1.°2/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.36	+22 9.7	1.065	1.931	19.5	19.2
11 7	4 51.09	+22 53.6	1.022	1.947	14.5	18.9
11 17	4 42.23	+23 33.3	0.999	1.965	8.7	18.7
11 27	4 31.12	+24 6.0	0.999	1.983	2.7	18.4
12 7	4 19.70	+24 30.4	1.023	2.003	4.1	18.5
12 17	4 9.88	+24 47.9	1.072	2.024	9.8	18.9
12 27	4 3.16	+25 2.2	1.144	2.045	14.7	19.3
1 6	4 0.24	+25 17.1	1.235	2.068	18.8	19.6

17430 1989 KF 11 30.5 191.°77 2.°0/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.23	+14 30.4	2.298	3.126	11.8	17.4
11 7	4 48.00	+14 40.6	2.219	3.125	8.7	17.2
11 17	4 39.86	+14 53.4	2.166	3.124	5.4	17.0
11 27	4 30.48	+15 9.1	2.141	3.122	2.3	16.8
12 7	4 20.75	+15 28.5	2.147	3.121	3.4	16.9
12 17	4 11.62	+15 51.8	2.184	3.119	6.8	17.1
12 27	4 3.93	+16 19.6	2.248	3.116	10.0	17.3
1 6	3 58.31	+16 52.1	2.337	3.114	12.8	17.5

386361 2008 TT_{85} 11 30.5 213.°57 3.°7/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.07	+31 35.1	1.877	2.693	14.5	20.8
11 7	4 51.55	+31 55.5	1.795	2.688	11.2	20.6
11 17	4 42.27	+32 4.3	1.736	2.683	7.6	20.4
11 27	4 31.16	+31 58.7	1.704	2.678	4.3	20.2
12 7	4 19.53	+31 38.3	1.701	2.673	4.4	20.2
12 17	4 8.77	+31 5.8	1.726	2.667	7.8	20.4
12 27	4 0.15	+30 26.6	1.778	2.660	11.5	20.6
1 6	3 54.45	+29 46.7	1.854	2.653	14.8	20.8

102579 1999 UZ_{43} 11 30.5 274.°48 6.°4/ 1.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.50	+36 5.6	1.808	2.612	15.4	19.2
11 7	4 53.11	+37 11.3	1.724	2.602	12.4	19.0
11 17	4 43.49	+38 4.5	1.662	2.593	9.3	18.8
11 27	4 31.55	+38 39.1	1.626	2.583	6.8	18.6
12 7	4 18.75	+38 51.5	1.618	2.573	6.8	18.6
12 17	4 6.75	+38 42.5	1.637	2.563	9.3	18.7
12 27	3 57.11	+38 17.2	1.681	2.553	12.6	18.9
1 6	3 50.81	+37 43.3	1.747	2.543	15.8	19.1

183405 2002 YE_4 11 30.5 17.°56 0.°0/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.08	+22 28.6	1.739	2.582	14.3	20.6
11 7	4 47.70	+22 23.1	1.669	2.583	10.6	20.3
11 17	4 39.88	+22 12.7	1.623	2.585	6.3	20.1
11 27	4 30.51	+21 57.6	1.603	2.588	1.7	19.8
12 7	4 20.78	+21 39.5	1.611	2.590	3.0	19.9
12 17	4 11.94	+21 21.2	1.647	2.593	7.5	20.2
12 27	4 5.06	+21 6.0	1.710	2.596	11.6	20.4
1 6	4 0.82	+20 56.8	1.794	2.599	15.0	20.7

213451 2002 CJ_{18} 11 30.5 274.°55 0.°3/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.70	+19 44.2	1.344	2.193	17.3	19.7
11 7	4 52.59	+20 8.9	1.274	2.192	12.9	19.4
11 17	4 43.16	+20 32.8	1.226	2.190	7.7	19.1
11 27	4 31.45	+20 54.9	1.203	2.188	2.1	18.7
12 7	4 19.06	+21 14.5	1.206	2.186	3.8	18.9
12 17	4 7.75	+21 32.6	1.237	2.184	9.4	19.2
12 27	3 59.04	+21 51.6	1.292	2.182	14.3	19.5
1 6	3 53.84	+22 14.1	1.367	2.180	18.5	19.7

102684 1999 VG_{70} 11 30.5 79.°05 0.°8/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.03	+21 11.0	1.708	2.546	14.7	20.4
11 7	4 50.25	+20 47.3	1.661	2.573	10.8	20.2
11 17	4 41.17	+20 19.1	1.638	2.600	6.3	20.0
11 27	4 30.80	+19 48.1	1.642	2.626	1.7	19.8
12 7	4 20.43	+19 17.0	1.675	2.653	3.2	20.0
12 17	4 11.22	+18 49.2	1.736	2.678	7.6	20.3
12 27	4 4.14	+18 27.9	1.825	2.704	11.4	20.6
1 6	3 59.71	+18 15.2	1.935	2.729	14.5	20.8

379855 2012 FN_{76} 11 30.5 207.°96 2.°0/ 1.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.56	+25 58.5	1.715	2.542	15.2	21.5
11 7	4 53.55	+26 23.2	1.633	2.537	11.5	21.3
11 17	4 43.57	+26 41.1	1.574	2.531	7.2	21.0
11 27	4 31.55	+26 49.5	1.543	2.525	2.8	20.7
12 7	4 18.89	+26 48.0	1.540	2.518	3.6	20.8
12 17	4 7.10	+26 38.2	1.566	2.510	8.1	21.0
12 27	3 57.56	+26 24.5	1.619	2.501	12.4	21.3
1 6	3 51.14	+26 11.8	1.695	2.492	16.1	21.5

5820 Babelsberg 11 30.5 141.°09 0.°4/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.91	+23 17.9	1.823	2.655	14.2	18.0
11 7	4 50.40	+23 17.9	1.754	2.663	10.5	17.8
11 17	4 41.43	+23 12.3	1.709	2.670	6.3	17.6
11 27	4 30.93	+23 0.9	1.692	2.676	1.8	17.3
12 7	4 20.11	+22 45.0	1.704	2.683	3.0	17.4
12 17	4 10.23	+22 27.1	1.744	2.689	7.4	17.7
12 27	4 2.36	+22 10.9	1.812	2.694	11.3	17.9
1 6	3 57.17	+21 59.5	1.903	2.699	14.6	18.2

44183 1998 KQ_{45} 11 30.5 201.°37 0.°0/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.81	+22 15.9	1.685	2.521	15.0	18.7
11 7	4 51.36	+22 15.7	1.608	2.519	11.1	18.4
11 17	4 42.16	+22 10.6	1.554	2.516	6.7	18.2
11 27	4 31.16	+22 0.5	1.527	2.512	1.8	17.8
12 7	4 19.66	+21 46.3	1.529	2.508	3.2	17.9
12 17	4 9.06	+21 30.9	1.560	2.504	8.1	18.2
12 27	4 0.61	+21 17.8	1.617	2.499	12.4	18.5
1 6	3 55.09	+21 10.5	1.696	2.494	16.0	18.7

23779 Cambier 11 30.5 147.°80 1.°8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.56	+17 24.3	2.176	3.007	12.2	19.7
11 7	4 48.21	+17 0.7	2.108	3.016	9.0	19.5
11 17	4 39.94	+16 36.0	2.065	3.025	5.4	19.3
11 27	4 30.51	+16 11.8	2.051	3.033	2.1	19.1
12 7	4 20.88	+15 50.2	2.067	3.041	3.4	19.2
12 17	4 12.00	+15 33.6	2.113	3.048	6.9	19.5
12 27	4 4.73	+15 23.9	2.187	3.055	10.3	19.7
1 6	3 59.61	+15 22.4	2.284	3.060	13.1	19.9

265697 2005 UC_{151} 11 30.5 303.°28 0.°8/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.92	+24 31.3	2.043	2.875	12.9	21.3
11 7	4 47.35	+24 31.1	1.965	2.873	9.6	21.1
11 17	4 39.61	+24 24.9	1.912	2.871	5.8	20.9
11 27	4 30.46	+24 12.6	1.886	2.870	1.8	20.6
12 7	4 20.96	+23 55.3	1.889	2.868	2.7	20.7
12 17	4 12.19	+23 35.2	1.922	2.866	6.7	20.9
12 27	4 5.13	+23 15.8	1.981	2.865	10.4	21.1
1 6	4 0.43	+23 0.1	2.064	2.863	13.5	21.3

73421 2002 LX_{38} 11 30.5 68.°42 6.°7/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.40	+ 4 20.1	1.646	2.477	15.5	19.0
11 7	4 49.14	+ 4 2.1	1.597	2.494	12.1	18.8
11 17	4 40.59	+ 3 56.6	1.570	2.510	8.8	18.7
11 27	4 30.70	+ 4 6.9	1.569	2.527	6.8	18.6
12 7	4 20.65	+ 4 34.6	1.595	2.544	7.6	18.7
12 17	4 11.60	+ 5 18.9	1.648	2.560	10.3	18.9
12 27	4 4.54	+ 6 17.7	1.726	2.577	13.4	19.1
1 6	4 0.06	+ 7 27.3	1.826	2.594	16.2	19.4

243462 2009 ST_{42} 11 30.5 23.°71 1.°8/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.97	+27 28.3	1.737	2.575	14.5	20.3
11 7	4 46.89	+27 22.4	1.673	2.583	10.9	20.1
11 17	4 39.39	+27 7.0	1.633	2.591	6.7	19.8
11 27	4 30.40	+26 41.8	1.618	2.600	2.7	19.6
12 7	4 21.15	+26 8.6	1.631	2.610	3.2	19.7
12 17	4 12.88	+25 31.1	1.673	2.620	7.3	19.9
12 27	4 6.62	+24 54.0	1.740	2.631	11.2	20.2
1 6	4 3.01	+24 21.7	1.830	2.642	14.5	20.4

359281 2009 HP_{8} 11 30.6 84.°66 2.°4/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.51	+15 19.7	1.878	2.718	13.5	21.0
11 7	4 47.78	+15 11.0	1.809	2.721	10.0	20.8
11 17	4 39.85	+15 3.7	1.764	2.724	6.2	20.6
11 27	4 30.53	+14 59.5	1.746	2.727	2.7	20.4
12 7	4 20.89	+14 59.8	1.757	2.730	4.0	20.5
12 17	4 12.03	+15 6.2	1.797	2.733	7.8	20.7
12 27	4 4.93	+15 19.9	1.863	2.737	11.5	20.9
1 6	4 0.23	+15 41.2	1.951	2.740	14.6	21.2

388164 2005 YH_{231} 11 30.6 341.°11 0.°8/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.46	+24 7.1	1.241	2.102	17.7	20.7
11 7	4 48.24	+24 5.2	1.169	2.092	13.3	20.4
11 17	4 40.68	+23 55.0	1.118	2.083	8.1	20.1
11 27	4 30.83	+23 36.4	1.091	2.076	2.4	19.7
12 7	4 20.31	+23 11.2	1.089	2.069	3.8	19.8
12 17	4 10.86	+22 43.5	1.111	2.063	9.5	20.1
12 27	4 4.06	+22 19.0	1.157	2.058	14.7	20.4
1 6	4 0.79	+22 2.3	1.222	2.054	19.1	20.7

25502 1999 XO_{91} 11 30.6 40.°89 2.°0/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.63	+29 24.7	1.964	2.791	13.5	18.2
11 7	4 47.13	+29 4.2	1.897	2.799	10.2	18.0
11 17	4 39.42	+28 32.5	1.853	2.808	6.4	17.8
11 27	4 30.40	+27 49.9	1.836	2.817	2.8	17.6
12 7	4 21.19	+26 58.8	1.848	2.826	3.1	17.6
12 17	4 12.91	+26 3.3	1.889	2.835	6.7	17.9
12 27	4 6.49	+25 8.5	1.957	2.845	10.3	18.1
1 6	4 2.52	+24 19.2	2.049	2.854	13.4	18.3

261517 2005 WL_{67} 11 30.6 69.°09 0.°8/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.92	+21 37.1	2.039	2.877	12.7	20.6
11 7	4 46.47	+21 0.4	1.968	2.880	9.3	20.4
11 17	4 39.00	+20 18.5	1.921	2.884	5.5	20.2
11 27	4 30.30	+19 33.2	1.903	2.887	1.6	19.9
12 7	4 21.39	+18 47.7	1.913	2.891	3.0	20.0
12 17	4 13.25	+18 5.4	1.953	2.895	6.9	20.3
12 27	4 6.78	+17 30.0	2.020	2.898	10.5	20.5
1 6	4 2.55	+17 3.8	2.111	2.902	13.5	20.7

415001 2011 FS_{60} 11 30.6 316.°86 0.°5/30.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.51	+21 5.7	2.070	2.910	12.4	21.5
11 7	4 45.59	+20 53.5	1.985	2.898	9.2	21.3
11 17	4 38.59	+20 37.6	1.924	2.887	5.5	21.1
11 27	4 30.23	+20 18.9	1.891	2.876	1.5	20.8
12 7	4 21.46	+19 59.1	1.887	2.865	2.8	20.9
12 17	4 13.31	+19 40.5	1.912	2.855	6.9	21.1
12 27	4 6.73	+19 26.0	1.963	2.845	10.6	21.3
1 6	4 2.38	+19 17.7	2.038	2.835	13.7	21.5

32617 2001 QY_{283} 11 30.6 49.°81 4.°8/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.33	+11 41.4	1.312	2.167	17.3	18.7
11 7	4 49.62	+11 17.5	1.264	2.181	13.0	18.5
11 17	4 41.09	+10 59.9	1.238	2.196	8.4	18.3
11 27	4 30.88	+10 52.1	1.235	2.212	5.0	18.1
12 7	4 20.46	+10 56.6	1.259	2.227	6.3	18.2
12 17	4 11.29	+11 14.5	1.309	2.244	10.3	18.5
12 27	4 4.55	+11 45.6	1.383	2.260	14.4	18.8
1 6	4 0.88	+12 28.1	1.476	2.277	17.9	19.1

129650 1998 MC_{19} 11 30.6 153.°20 4.°7/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.42	+ 7 56.9	2.050	2.875	13.1	20.1
11 7	4 48.94	+ 7 44.5	1.983	2.882	10.0	19.9
11 17	4 40.45	+ 7 39.3	1.941	2.888	6.9	19.8
11 27	4 30.71	+ 7 43.7	1.926	2.893	4.8	19.6
12 7	4 20.70	+ 7 59.2	1.941	2.898	5.6	19.7
12 17	4 11.43	+ 8 26.2	1.985	2.903	8.5	19.9
12 27	4 3.79	+ 9 4.1	2.055	2.907	11.6	20.1
1 6	3 58.38	+ 9 51.5	2.149	2.910	14.3	20.3

324462 2006 UJ_{20} 11 30.6 132.°83 1.°7/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.97	+26 55.8	1.695	2.522	15.3	21.5
11 7	4 52.81	+26 56.1	1.631	2.535	11.5	21.3
11 17	4 42.92	+26 46.9	1.590	2.547	7.1	21.1
11 27	4 31.37	+26 27.1	1.576	2.558	2.7	20.8
12 7	4 19.55	+25 58.2	1.591	2.569	3.4	20.9
12 17	4 8.89	+25 23.8	1.635	2.579	7.7	21.2
12 27	4 0.54	+24 49.2	1.706	2.589	11.8	21.4
1 6	3 55.19	+24 19.2	1.799	2.598	15.2	21.7

226494 2003 SN_{284} 11 30.6 9.°59 4.°2/ 2.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.51	+34 34.2	2.021	2.832	13.8	20.0
11 7	4 47.99	+34 43.8	1.946	2.833	10.8	19.8
11 17	4 40.07	+34 39.9	1.894	2.834	7.5	19.6
11 27	4 30.63	+34 20.3	1.868	2.836	4.8	19.4
12 7	4 20.86	+33 45.6	1.870	2.837	4.6	19.4
12 17	4 11.97	+32 59.0	1.901	2.839	7.3	19.6
12 27	4 5.02	+32 5.8	1.958	2.842	10.5	19.8
1 6	4 0.68	+31 12.1	2.039	2.845	13.4	20.0

269869 2000 ER_{135} 11 30.6 271.°07 7.°5/ 2.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.90	+44 47.9	2.562	3.311	12.9	20.9
11 7	4 53.02	+45 55.3	2.464	3.291	11.0	20.7
11 17	4 43.34	+46 48.6	2.389	3.272	9.1	20.6
11 27	4 31.59	+47 22.2	2.339	3.252	7.8	20.5
12 7	4 18.98	+47 32.8	2.318	3.232	7.7	20.4
12 17	4 6.90	+47 20.3	2.323	3.212	8.9	20.5
12 27	3 56.70	+46 48.7	2.355	3.191	10.8	20.6
1 6	3 49.32	+46 4.6	2.410	3.171	12.9	20.7

427087 2014 UJ_{44} 11 30.6 262.°92 0.°4/30.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.63	+22 30.9	2.382	3.213	11.3	20.9
11 7	4 45.37	+22 0.8	2.299	3.208	8.3	20.7
11 17	4 38.32	+21 25.5	2.242	3.203	5.0	20.5
11 27	4 30.16	+20 46.2	2.213	3.197	1.3	20.2
12 7	4 21.73	+20 5.2	2.214	3.192	2.5	20.3
12 17	4 13.91	+19 25.6	2.245	3.187	6.1	20.5
12 27	4 7.50	+18 50.4	2.304	3.181	9.4	20.7
1 6	4 3.05	+18 22.3	2.387	3.176	12.3	20.9

243011 2006 UW_{106} 11 30.6 145.°25 0.°6/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.21	+20 21.0	2.312	3.140	11.7	21.4
11 7	4 47.95	+20 14.5	2.242	3.149	8.6	21.2
11 17	4 39.82	+20 5.3	2.196	3.157	5.1	21.0
11 27	4 30.55	+19 54.0	2.180	3.165	1.4	20.8
12 7	4 21.05	+19 41.9	2.195	3.172	2.6	20.9
12 17	4 12.26	+19 30.8	2.239	3.179	6.2	21.1
12 27	4 4.99	+19 22.9	2.312	3.186	9.5	21.4
1 6	3 59.80	+19 20.0	2.409	3.192	12.3	21.6

458621 2011 FJ_{85} 11 30.6 68.°20 1.°1/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.76	+17 38.8	2.363	3.195	11.3	21.5
11 7	4 46.18	+17 45.7	2.288	3.197	8.4	21.3
11 17	4 38.81	+17 52.7	2.238	3.198	5.0	21.1
11 27	4 30.29	+18 0.2	2.216	3.200	1.6	20.9
12 7	4 21.48	+18 8.8	2.225	3.201	2.8	21.0
12 17	4 13.26	+18 19.4	2.263	3.203	6.2	21.2
12 27	4 6.42	+18 33.2	2.330	3.204	9.4	21.4
1 6	4 1.54	+18 51.1	2.421	3.206	12.2	21.6

102973 1999 XT_{74} 11 30.6 29.°30 1.°3/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.67	+18 48.2	1.332	2.191	16.8	18.9
11 7	4 48.56	+18 46.4	1.280	2.202	12.4	18.7
11 17	4 40.56	+18 43.3	1.248	2.213	7.4	18.4
11 27	4 30.78	+18 40.0	1.241	2.226	2.2	18.2
12 7	4 20.71	+18 38.0	1.261	2.239	3.9	18.3
12 17	4 11.84	+18 39.7	1.307	2.254	9.0	18.6
12 27	4 5.40	+18 47.3	1.376	2.268	13.5	19.0
1 6	4 2.06	+19 2.2	1.467	2.284	17.2	19.2

266452 2007 JT_{26} 11 30.6 165.°47 2.°5/29.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.76	+13 41.5	2.366	3.197	11.4	20.8
11 7	4 46.14	+13 36.4	2.291	3.198	8.5	20.6
11 17	4 38.76	+13 33.6	2.242	3.199	5.3	20.4
11 27	4 30.29	+13 34.5	2.221	3.200	2.7	20.2
12 7	4 21.53	+13 40.3	2.231	3.201	3.7	20.3
12 17	4 13.36	+13 52.0	2.270	3.202	6.7	20.5
12 27	4 6.56	+14 10.1	2.337	3.202	9.8	20.7
1 6	4 1.67	+14 34.8	2.428	3.203	12.5	20.9

152713 1998 SD_{114} 11 30.6 15.°69 2.°8/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.68	+24 29.3	0.962	1.836	20.5	18.7
11 7	4 49.68	+25 25.4	0.915	1.843	15.4	18.5
11 17	4 41.73	+26 15.0	0.886	1.851	9.6	18.2
11 27	4 31.17	+26 53.6	0.878	1.861	3.8	17.9
12 7	4 20.04	+27 19.1	0.894	1.873	4.8	18.0
12 17	4 10.49	+27 32.8	0.933	1.887	10.5	18.4
12 27	4 4.25	+27 39.7	0.993	1.902	15.7	18.7
1 6	4 2.14	+27 45.4	1.072	1.919	20.1	19.1

309364 2007 TC_{95} 11 30.6 70.°48 3.°5/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.18	+28 30.8	1.659	2.484	15.6	20.1
11 7	4 53.14	+29 24.9	1.604	2.504	11.9	19.9
11 17	4 43.22	+30 9.9	1.572	2.524	7.7	19.7
11 27	4 31.50	+30 42.0	1.567	2.544	4.1	19.6
12 7	4 19.45	+30 59.6	1.591	2.564	4.4	19.6
12 17	4 8.56	+31 4.1	1.642	2.583	8.0	19.9
12 27	4 0.08	+31 0.1	1.720	2.603	11.8	20.2
1 6	3 54.73	+30 52.8	1.821	2.623	15.0	20.4

442354 2011 SW_{229} 11 30.6 60.°86 8.°2/ 3.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 2.29	+40 24.6	1.610	2.405	17.4	20.6
11 7	4 55.23	+41 33.7	1.558	2.424	14.3	20.4
11 17	4 44.68	+42 22.9	1.527	2.443	11.1	20.2
11 27	4 31.91	+42 45.6	1.520	2.463	8.7	20.2
12 7	4 18.73	+42 39.5	1.539	2.483	8.3	20.2
12 17	4 7.00	+42 7.8	1.585	2.502	10.2	20.3
12 27	3 58.23	+41 18.8	1.654	2.522	13.0	20.6
1 6	3 53.17	+40 22.1	1.746	2.542	15.7	20.8

95665 2002 GO_{139} 11 30.6 30.°78 3.°9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.44	+13 13.2	1.991	2.833	12.8	19.9
11 7	4 45.37	+12 18.4	1.925	2.836	9.6	19.7
11 17	4 38.37	+11 24.8	1.882	2.839	6.2	19.5
11 27	4 30.19	+10 36.3	1.868	2.842	3.9	19.4
12 7	4 21.79	+ 9 56.7	1.882	2.845	5.1	19.5
12 17	4 14.12	+ 9 29.0	1.924	2.848	8.3	19.7
12 27	4 8.04	+ 9 15.0	1.992	2.852	11.5	19.9
1 6	4 4.09	+ 9 14.8	2.082	2.855	14.3	20.1

181809 1998 RN_4 11 30.6 102.°17 7.°8/ 3.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 6.94	+41 50.8	1.751	2.528	16.9	20.5
11 7	4 58.35	+42 42.4	1.699	2.553	13.9	20.4
11 17	4 46.38	+43 13.0	1.668	2.577	10.8	20.2
11 27	4 32.35	+43 16.4	1.662	2.601	8.4	20.2
12 7	4 18.10	+42 51.5	1.683	2.624	8.0	20.2
12 17	4 5.43	+42 2.3	1.731	2.646	9.7	20.3
12 27	3 55.75	+40 57.7	1.805	2.667	12.4	20.6
1 6	3 49.75	+39 47.4	1.902	2.688	15.0	20.8

486868 2014 KQ_{30} 11 30.6 224.°18 3.°7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.32	+15 29.1	1.930	2.769	13.2	21.5
11 7	4 47.60	+14 11.2	1.853	2.764	9.9	21.3
11 17	4 39.76	+12 50.5	1.801	2.759	6.3	21.1
11 27	4 30.59	+11 31.9	1.778	2.754	3.8	20.9
12 7	4 21.14	+10 20.7	1.784	2.748	5.2	21.0
12 17	4 12.46	+ 9 21.8	1.819	2.742	8.7	21.2
12 27	4 5.48	+ 8 38.9	1.880	2.736	12.2	21.4
1 6	4 0.83	+ 8 12.8	1.963	2.730	15.3	21.6

117830 2005 JV_{40} 11 30.6 133.°52 1.°1/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 57.43	+20 30.1	1.580	2.422	15.5	20.8
11 7	4 51.02	+20 5.0	1.516	2.430	11.5	20.5
11 17	4 41.93	+19 35.3	1.475	2.437	6.8	20.3
11 27	4 31.18	+19 2.6	1.460	2.445	2.0	20.0
12 7	4 20.14	+18 30.1	1.474	2.451	3.7	20.1
12 17	4 10.19	+18 1.4	1.515	2.458	8.4	20.4
12 27	4 2.48	+17 40.3	1.583	2.464	12.7	20.7
1 6	3 57.70	+17 29.2	1.672	2.469	16.3	21.0

413784 2006 HA_{45} 11 30.6 203.°35 4.°8/27.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 49.17	+ 6 33.0	2.738	3.560	10.3	21.6
11 7	4 44.01	+ 5 36.7	2.664	3.556	8.0	21.4
11 17	4 37.42	+ 4 45.0	2.615	3.552	5.9	21.3
11 27	4 29.96	+ 4 1.5	2.595	3.548	4.8	21.2
12 7	4 22.29	+ 3 29.1	2.605	3.544	5.6	21.3
12 17	4 15.10	+ 3 9.8	2.644	3.539	7.7	21.4
12 27	4 9.03	+ 3 4.2	2.710	3.534	9.9	21.6
1 6	4 4.54	+ 3 11.8	2.798	3.529	12.0	21.7

386059 2007 FP_{47} 11 30.6 199.°08 0.°3/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.47	+21 28.8	1.981	2.812	13.3	22.0
11 7	4 50.04	+21 19.9	1.901	2.809	9.9	21.8
11 17	4 41.29	+21 6.8	1.844	2.805	5.9	21.5
11 27	4 31.03	+20 49.9	1.816	2.801	1.6	21.2
12 7	4 20.38	+20 30.7	1.818	2.796	2.9	21.3
12 17	4 10.47	+20 11.8	1.849	2.791	7.2	21.6
12 27	4 2.38	+19 56.2	1.908	2.785	11.1	21.8
1 6	3 56.77	+19 46.6	1.990	2.779	14.3	22.0

73258 2002 JV_{44} 11 30.6 93.°04 0.°5/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 59.57	+25 39.3	1.442	2.281	16.9	19.1
11 7	4 52.66	+25 4.0	1.388	2.300	12.5	18.9
11 17	4 42.86	+24 17.9	1.357	2.319	7.5	18.6
11 27	4 31.42	+23 22.5	1.352	2.337	2.1	18.3
12 7	4 19.90	+22 22.2	1.376	2.355	3.4	18.5
12 17	4 9.80	+21 22.8	1.427	2.373	8.4	18.8
12 27	4 2.30	+20 30.7	1.503	2.390	12.9	19.1
1 6	3 57.98	+19 50.2	1.601	2.407	16.5	19.4

187704 2008 EC_{25} 11 30.6 297.°99 6.°3/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.84	+ 7 42.4	1.381	2.227	17.1	19.9
11 7	4 50.29	+ 7 22.4	1.310	2.219	13.3	19.7
11 17	4 41.76	+ 7 12.7	1.260	2.211	9.2	19.4
11 27	4 31.22	+ 7 17.7	1.235	2.204	6.5	19.3
12 7	4 20.07	+ 7 40.3	1.235	2.196	7.6	19.3
12 17	4 9.82	+ 8 20.8	1.262	2.189	11.4	19.5
12 27	4 1.86	+ 9 17.8	1.312	2.182	15.6	19.7
1 6	3 57.03	+10 27.9	1.382	2.175	19.3	20.0

112992 2002 RX_{33} 11 30.6 118.°04 3.°4/ 2.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.54	+33 18.5	2.453	3.258	11.8	20.0
11 7	4 47.62	+33 28.1	2.378	3.263	9.2	19.9
11 17	4 39.73	+33 26.9	2.326	3.267	6.3	19.7
11 27	4 30.62	+33 13.6	2.303	3.272	3.8	19.5
12 7	4 21.24	+32 48.5	2.309	3.277	3.8	19.5
12 17	4 12.58	+32 13.9	2.344	3.282	6.2	19.7
12 27	4 5.52	+31 33.9	2.408	3.286	9.0	19.9
1 6	4 0.64	+30 52.9	2.496	3.290	11.6	20.1

277895 2006 KP_{45} 11 30.6 331.°22 0.°6/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.72	+22 39.8	2.166	2.998	12.2	20.7
11 7	4 47.21	+23 0.9	2.085	2.994	9.1	20.5
11 17	4 39.61	+23 18.9	2.030	2.990	5.5	20.3
11 27	4 30.63	+23 33.0	2.002	2.986	1.6	20.0
12 7	4 21.24	+23 43.3	2.004	2.983	2.6	20.1
12 17	4 12.45	+23 50.6	2.035	2.979	6.4	20.3
12 27	4 5.23	+23 57.0	2.094	2.976	10.0	20.5
1 6	4 0.24	+24 4.6	2.176	2.973	13.0	20.7

397634 2007 WW_{60} 11 30.6 5.°93 3.°9/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.15	+10 38.3	1.659	2.500	14.9	20.2
11 7	4 49.32	+10 47.7	1.590	2.500	11.3	20.0
11 17	4 40.98	+11 4.6	1.544	2.500	7.4	19.8
11 27	4 31.01	+11 30.4	1.524	2.501	4.2	19.6
12 7	4 20.60	+12 5.9	1.533	2.502	5.2	19.6
12 17	4 11.01	+12 50.5	1.569	2.503	9.0	19.9
12 27	4 3.38	+13 43.3	1.631	2.504	12.8	20.1
1 6	3 58.43	+14 42.9	1.715	2.506	16.2	20.3

253775 2003 WC_{139} 11 30.6 34.°68 0.°5/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.86	+23 17.5	1.065	1.933	19.4	18.8
11 7	4 49.95	+22 38.5	1.019	1.945	14.4	18.6
11 17	4 41.58	+21 50.0	0.992	1.958	8.5	18.3
11 27	4 31.15	+20 55.0	0.988	1.973	2.3	18.0
12 7	4 20.54	+19 58.9	1.008	1.988	4.2	18.2
12 17	4 11.53	+19 8.6	1.054	2.004	10.1	18.6
12 27	4 5.50	+18 30.1	1.121	2.021	15.2	18.9
1 6	4 3.08	+18 6.6	1.208	2.038	19.3	19.2

324233 2006 BQ_{115} 11 30.6 348.°08 5.°5/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.11	+ 7 13.4	2.054	2.888	12.7	20.2
11 7	4 45.14	+ 6 29.7	1.986	2.887	9.9	20.0
11 17	4 38.29	+ 5 52.5	1.941	2.885	7.1	19.9
11 27	4 30.27	+ 5 25.7	1.924	2.884	5.5	19.8
12 7	4 21.98	+ 5 12.4	1.934	2.883	6.4	19.8
12 17	4 14.33	+ 5 14.3	1.972	2.882	9.0	20.0
12 27	4 8.18	+ 5 31.5	2.035	2.881	11.9	20.2
1 6	4 4.07	+ 6 2.5	2.121	2.881	14.5	20.3

491508 2012 JU_{15} 11 30.6 272.°95 4.°8/29.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.13	+ 6 54.6	2.318	3.144	11.8	21.3
11 7	4 45.80	+ 6 35.0	2.235	3.132	9.1	21.1
11 17	4 38.68	+ 6 22.2	2.178	3.121	6.5	21.0
11 27	4 30.39	+ 6 18.9	2.147	3.110	4.9	20.8
12 7	4 21.75	+ 6 27.0	2.146	3.098	5.7	20.9
12 17	4 13.61	+ 6 47.4	2.174	3.087	8.1	21.0
12 27	4 6.80	+ 7 20.1	2.228	3.075	11.0	21.2
1 6	4 1.88	+ 8 3.5	2.306	3.063	13.5	21.3

265258 2004 ED_{76} 11 30.6 196.°04 1.°5/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.81	+18 56.7	1.836	2.671	14.0	21.6
11 7	4 50.40	+18 35.3	1.759	2.669	10.4	21.3
11 17	4 41.58	+18 11.1	1.706	2.667	6.2	21.1
11 27	4 31.18	+17 45.7	1.680	2.664	2.1	20.8
12 7	4 20.38	+17 21.2	1.684	2.660	3.6	20.9
12 17	4 10.41	+17 0.7	1.716	2.655	7.9	21.2
12 27	4 2.34	+16 47.1	1.776	2.650	11.9	21.4
1 6	3 56.88	+16 42.5	1.858	2.645	15.3	21.6

170518 2003 WW_{60} 11 30.6 3.°24 0.°2/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.57	+23 28.3	1.419	2.273	16.3	20.6
11 7	4 47.87	+23 13.6	1.352	2.272	12.1	20.4
11 17	4 40.29	+22 51.4	1.307	2.272	7.3	20.1
11 27	4 30.85	+22 22.5	1.287	2.272	2.0	19.8
12 7	4 20.99	+21 49.8	1.294	2.274	3.4	19.9
12 17	4 12.18	+21 17.2	1.327	2.276	8.6	20.2
12 27	4 5.70	+20 49.7	1.384	2.279	13.2	20.5
1 6	4 2.30	+20 30.9	1.462	2.282	17.1	20.7

430845 2005 LL_{13} 11 30.6 235.°51 3.°6/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.16	+14 15.6	1.536	2.381	15.7	21.3
11 7	4 50.31	+13 48.0	1.462	2.376	11.8	21.0
11 17	4 41.69	+13 22.1	1.410	2.370	7.5	20.8
11 27	4 31.24	+13 0.9	1.385	2.364	3.9	20.5
12 7	4 20.28	+12 47.6	1.387	2.358	5.3	20.6
12 17	4 10.21	+12 44.7	1.417	2.352	9.6	20.8
12 27	4 2.29	+12 54.2	1.471	2.345	13.9	21.1
1 6	3 57.30	+13 16.0	1.546	2.338	17.6	21.3

489655 2007 UY_{52} 11 30.6 38.°79 0.°0/30.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.28	+22 39.9	1.418	2.270	16.4	21.5
11 7	4 48.92	+22 27.8	1.365	2.284	12.1	21.3
11 17	4 40.77	+22 9.6	1.334	2.298	7.2	21.1
11 27	4 30.95	+21 46.2	1.328	2.313	1.9	20.8
12 7	4 20.92	+21 20.2	1.349	2.329	3.4	20.9
12 17	4 12.09	+20 55.3	1.397	2.345	8.4	21.3
12 27	4 5.64	+20 35.5	1.469	2.361	12.8	21.6
1 6	4 2.19	+20 23.9	1.563	2.378	16.4	21.8

160620 1999 TS_{114} 11 30.6 44.°86 2.°1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.92	+18 58.7	1.436	2.290	16.1	19.4
11 7	4 48.54	+18 20.0	1.383	2.303	11.9	19.1
11 17	4 40.50	+17 38.1	1.352	2.316	7.1	18.9
11 27	4 30.90	+16 56.3	1.347	2.330	2.6	18.7
12 7	4 21.11	+16 18.5	1.369	2.345	4.3	18.8
12 17	4 12.49	+15 48.7	1.417	2.360	8.9	19.1
12 27	4 6.14	+15 30.2	1.490	2.375	13.1	19.4
1 6	4 2.68	+15 24.3	1.584	2.390	16.6	19.7

444478 2006 QN_{51} 11 30.6 132.°54 5.°5/28.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.49	+ 4 54.5	2.469	3.283	11.5	22.2
11 7	4 47.17	+ 4 1.8	2.414	3.300	9.0	22.1
11 17	4 39.30	+ 3 16.2	2.385	3.317	6.7	22.0
11 27	4 30.54	+ 2 41.5	2.385	3.334	5.5	21.9
12 7	4 21.70	+ 2 20.2	2.415	3.349	6.3	22.0
12 17	4 13.53	+ 2 13.7	2.473	3.364	8.3	22.2
12 27	4 6.72	+ 2 22.0	2.558	3.378	10.6	22.4
1 6	4 1.72	+ 2 43.5	2.666	3.391	12.7	22.5

97762 2000 JP_{20} 11 30.6 321.°40 2.°6/29.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.05	+18 38.9	1.972	2.816	12.8	18.6
11 7	4 45.31	+17 26.3	1.887	2.802	9.5	18.3
11 17	4 38.51	+16 8.0	1.827	2.789	5.8	18.1
11 27	4 30.38	+14 48.2	1.795	2.776	2.7	17.9
12 7	4 21.92	+13 31.8	1.792	2.763	4.3	18.0
12 17	4 14.14	+12 24.1	1.817	2.750	8.0	18.2
12 27	4 7.96	+11 29.5	1.870	2.739	11.7	18.4
1 6	4 4.01	+10 50.3	1.944	2.727	14.9	18.6

226049 2002 GC_{89} 11 30.6 87.°00 3.°9/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.77	+ 8 41.8	2.280	3.104	12.0	20.3
11 7	4 47.54	+ 8 40.9	2.223	3.122	9.1	20.1
11 17	4 39.60	+ 8 46.3	2.192	3.140	6.1	20.0
11 27	4 30.64	+ 8 59.5	2.189	3.158	4.0	19.9
12 7	4 21.54	+ 9 21.3	2.216	3.176	4.8	19.9
12 17	4 13.15	+ 9 51.8	2.272	3.193	7.4	20.1
12 27	4 6.22	+10 30.5	2.356	3.211	10.2	20.3
1 6	4 1.27	+11 16.0	2.465	3.228	12.6	20.6

73988 1998 EJ_{11} 11 30.6 152.°20 3.°1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.63	+14 40.1	1.553	2.395	15.7	18.9
11 7	4 51.27	+14 25.7	1.487	2.399	11.7	18.7
11 17	4 42.20	+14 13.5	1.443	2.403	7.3	18.4
11 27	4 31.40	+14 5.6	1.426	2.407	3.4	18.2
12 7	4 20.19	+14 4.2	1.437	2.410	4.8	18.3
12 17	4 9.99	+14 10.9	1.476	2.413	9.2	18.6
12 27	4 1.98	+14 27.1	1.540	2.415	13.3	18.8
1 6	3 56.89	+14 53.1	1.626	2.418	16.9	19.1

49970 1999 XD_{249} 11 30.6 355.°55 3.°5/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.34	+15 16.5	1.288	2.147	17.3	18.9
11 7	4 49.32	+14 49.6	1.224	2.145	12.9	18.7
11 17	4 41.25	+14 23.9	1.181	2.144	8.1	18.4
11 27	4 31.17	+14 2.9	1.162	2.143	3.9	18.1
12 7	4 20.59	+13 50.1	1.169	2.142	5.5	18.2
12 17	4 11.10	+13 48.2	1.201	2.142	10.3	18.5
12 27	4 4.07	+13 59.2	1.257	2.143	15.0	18.8
1 6	4 0.28	+14 23.1	1.332	2.144	18.9	19.0

209777 2005 FD_{6} 11 30.6 315.°05 9.°0/27.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.36	+ 4 13.2	1.494	2.340	16.0	19.8
11 7	4 46.13	+ 2 49.1	1.416	2.319	13.0	19.5
11 17	4 39.30	+ 1 33.1	1.360	2.298	10.2	19.3
11 27	4 30.66	+ 0 33.7	1.328	2.277	9.0	19.2
12 7	4 21.41	− 0 2.1	1.321	2.257	10.3	19.2
12 17	4 12.87	− 0 10.1	1.338	2.237	13.3	19.4
12 27	4 6.24	+ 0 10.0	1.377	2.218	16.8	19.5
1 6	4 2.37	+ 0 55.0	1.434	2.200	20.0	19.7

235354 2003 UP_{315} 11 30.6 8.°50 6.°6/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.77	+ 6 35.2	1.623	2.471	14.9	19.8
11 7	4 44.54	+ 5 48.9	1.566	2.474	11.6	19.7
11 17	4 38.09	+ 5 11.8	1.531	2.477	8.4	19.5
11 27	4 30.28	+ 4 48.8	1.521	2.482	6.6	19.4
12 7	4 22.19	+ 4 43.4	1.537	2.487	7.6	19.5
12 17	4 14.94	+ 4 56.9	1.579	2.494	10.5	19.6
12 27	4 9.48	+ 5 28.6	1.644	2.501	13.6	19.9
1 6	4 6.42	+ 6 15.6	1.730	2.510	16.5	20.1

473323 2015 SO_{10} 11 30.6 105.°48 7.°4/ 3.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.64	+41 25.2	1.930	2.710	15.5	21.4
11 7	4 53.73	+42 14.1	1.862	2.718	12.7	21.3
11 17	4 43.78	+42 45.0	1.815	2.725	10.0	21.1
11 27	4 31.84	+42 52.5	1.793	2.733	7.8	21.0
12 7	4 19.43	+42 35.0	1.799	2.740	7.5	21.0
12 17	4 8.14	+41 55.1	1.831	2.747	9.2	21.1
12 27	3 59.33	+40 59.5	1.890	2.754	11.8	21.3
1 6	3 53.77	+39 56.7	1.971	2.761	14.4	21.5

475779 2006 WR_{203} 11 30.6 357.°49 0.°8/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.72	+26 8.5	1.264	2.119	17.8	21.3
11 7	4 49.81	+25 36.5	1.198	2.117	13.4	21.0
11 17	4 41.60	+24 51.7	1.152	2.116	8.1	20.7
11 27	4 31.27	+23 55.1	1.130	2.115	2.5	20.4
12 7	4 20.48	+22 51.0	1.134	2.115	3.7	20.4
12 17	4 10.96	+21 46.4	1.165	2.115	9.3	20.8
12 27	4 4.14	+20 48.8	1.218	2.116	14.4	21.1
1 6	4 0.78	+20 3.8	1.292	2.117	18.6	21.3

447171 2005 NJ_{65} 11 30.6 59.°38 0.°9/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.95	+25 42.0	1.818	2.653	14.1	21.3
11 7	4 48.28	+25 24.6	1.753	2.662	10.5	21.1
11 17	4 40.27	+24 59.0	1.712	2.672	6.3	20.9
11 27	4 30.86	+24 25.5	1.698	2.682	2.0	20.6
12 7	4 21.22	+23 46.6	1.712	2.692	2.9	20.7
12 17	4 12.53	+23 6.0	1.756	2.702	7.1	21.0
12 27	4 5.81	+22 28.2	1.825	2.712	11.0	21.3
1 6	4 1.65	+21 56.9	1.918	2.722	14.2	21.5

515186 2011 UZ_{93} 11 30.6 219.°76 4.°8/ 2.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.93	+35 1.7	2.289	3.081	13.0	21.6
11 7	4 52.84	+35 47.9	2.199	3.072	10.3	21.4
11 17	4 43.18	+36 23.4	2.132	3.063	7.5	21.2
11 27	4 31.71	+36 44.0	2.093	3.053	5.2	21.1
12 7	4 19.60	+36 47.9	2.083	3.042	5.2	21.0
12 17	4 8.13	+36 35.8	2.103	3.030	7.5	21.2
12 27	3 58.50	+36 11.9	2.151	3.018	10.4	21.3
1 6	3 51.52	+35 41.9	2.223	3.006	13.2	21.5

186592 2003 BH_{25} 11 30.6 267.°14 21.°3/23.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.84	−18 50.7	1.153	1.930	24.0	19.5
11 7	4 51.39	−21 9.6	1.114	1.924	22.5	19.3
11 17	4 42.57	−22 49.8	1.090	1.918	21.5	19.2
11 27	4 31.55	−23 36.7	1.082	1.912	21.4	19.2
12 7	4 20.02	−23 22.8	1.090	1.905	22.1	19.3
12 17	4 9.74	−22 8.7	1.114	1.899	23.5	19.3
12 27	4 2.20	−20 2.9	1.152	1.893	25.3	19.5
1 6	3 58.21	−17 18.8	1.203	1.886	27.1	19.6

490637 2010 DD_{60} 11 30.6 323.°86 3.°8/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.54	+ 7 50.4	2.097	2.918	13.0	20.7
11 7	4 50.02	+ 8 24.8	2.013	2.911	10.0	20.5
11 17	4 41.34	+ 9 8.9	1.955	2.904	6.7	20.3
11 27	4 31.20	+10 3.4	1.925	2.897	4.1	20.1
12 7	4 20.57	+11 7.4	1.926	2.891	4.8	20.1
12 17	4 10.50	+12 19.4	1.957	2.885	7.9	20.3
12 27	4 1.99	+13 37.3	2.016	2.879	11.3	20.5
1 6	3 55.73	+14 59.1	2.101	2.873	14.2	20.7

278326 2007 HX_{54} 11 30.6 142.°81 4.°3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.23	+11 3.7	2.012	2.842	13.1	21.5
11 7	4 48.84	+10 18.6	1.949	2.853	9.9	21.3
11 17	4 40.47	+ 9 37.0	1.912	2.863	6.6	21.1
11 27	4 30.91	+ 9 2.4	1.903	2.873	4.4	21.0
12 7	4 21.17	+ 8 38.0	1.923	2.882	5.5	21.1
12 17	4 12.24	+ 8 25.9	1.972	2.891	8.5	21.3
12 27	4 4.99	+ 8 27.2	2.047	2.899	11.6	21.5
1 6	3 59.98	+ 8 41.1	2.145	2.906	14.3	21.7

385703 2005 UO_{15} 11 30.6 335.°49 2.°5/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.13	+18 23.1	1.348	2.207	16.7	21.4
11 7	4 48.41	+17 44.1	1.278	2.200	12.4	21.1
11 17	4 40.71	+17 1.5	1.229	2.194	7.6	20.8
11 27	4 31.05	+16 18.6	1.205	2.188	3.0	20.5
12 7	4 20.87	+15 39.9	1.208	2.183	4.8	20.6
12 17	4 11.71	+15 9.9	1.236	2.179	9.8	20.9
12 27	4 4.91	+14 52.7	1.287	2.175	14.5	21.2
1 6	4 1.25	+14 49.7	1.359	2.171	18.6	21.4

152504 2005 WS_{184} 11 30.6 343.°08 3.°9/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.21	+10 41.2	2.040	2.875	12.8	20.0
11 7	4 46.76	+10 24.4	1.969	2.875	9.7	19.8
11 17	4 39.32	+10 12.4	1.921	2.874	6.4	19.6
11 27	4 30.63	+10 7.7	1.901	2.874	4.1	19.5
12 7	4 21.62	+10 12.0	1.910	2.874	5.0	19.5
12 17	4 13.28	+10 26.5	1.947	2.873	8.1	19.7
12 27	4 6.48	+10 51.4	2.011	2.873	11.3	19.9
1 6	4 1.85	+11 25.9	2.097	2.873	14.2	20.1

179955 2002 WN_{16} 11 30.6 356.°10 5.°3/28.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.73	+14 44.8	1.414	2.275	15.9	19.0
11 7	4 45.59	+13 4.8	1.350	2.271	11.9	18.8
11 17	4 38.87	+11 22.1	1.308	2.268	7.9	18.5
11 27	4 30.52	+ 9 44.5	1.292	2.266	5.3	18.4
12 7	4 21.86	+ 8 20.2	1.302	2.265	7.0	18.5
12 17	4 14.17	+ 7 15.9	1.338	2.264	11.0	18.7
12 27	4 8.59	+ 6 35.3	1.398	2.265	15.0	18.9
1 6	4 5.77	+ 6 18.3	1.476	2.267	18.4	19.2

384356 2009 UA_{71} 11 30.6 44.°63 3.°6/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.64	+29 0.5	1.100	1.953	20.1	19.6
11 7	4 53.47	+29 22.8	1.064	1.979	15.1	19.4
11 17	4 43.66	+29 30.4	1.047	2.005	9.6	19.1
11 27	4 31.77	+29 21.0	1.053	2.033	4.5	18.9
12 7	4 19.84	+28 56.1	1.084	2.061	4.8	19.1
12 17	4 9.79	+28 21.1	1.140	2.090	9.6	19.4
12 27	4 2.99	+27 44.0	1.219	2.119	14.2	19.8
1 6	4 0.00	+27 11.4	1.319	2.148	18.0	20.1

415188 2012 GZ_{12} 11 30.6 260.°21 3.°1/29.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.60	+14 20.8	2.214	3.051	11.8	21.3
11 7	4 45.45	+13 34.4	2.138	3.047	8.8	21.1
11 17	4 38.49	+12 48.2	2.086	3.044	5.6	20.9
11 27	4 30.40	+12 5.2	2.063	3.040	3.2	20.7
12 7	4 22.04	+11 28.7	2.069	3.036	4.4	20.8
12 17	4 14.30	+11 1.3	2.105	3.032	7.5	21.0
12 27	4 7.98	+10 45.1	2.167	3.028	10.6	21.2
1 6	4 3.65	+10 40.8	2.252	3.024	13.4	21.3

276596 2003 SX_{404} 11 30.6 300.°12 2.°9/ 1.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.79	+28 16.3	2.200	3.017	12.6	20.6
11 7	4 49.70	+29 6.7	2.114	3.010	9.6	20.3
11 17	4 41.27	+29 51.4	2.053	3.003	6.3	20.1
11 27	4 31.21	+30 27.4	2.019	2.995	3.4	19.9
12 7	4 20.56	+30 53.1	2.016	2.988	3.7	19.9
12 17	4 10.48	+31 8.5	2.042	2.981	6.8	20.1
12 27	4 2.06	+31 16.0	2.096	2.974	10.2	20.3
1 6	3 56.06	+31 19.3	2.174	2.968	13.1	20.5

118796 2000 SE_{30} 11 30.6 67.°18 0.°1/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.64	+21 41.8	1.941	2.778	13.3	19.9
11 7	4 47.96	+21 40.6	1.873	2.784	9.8	19.7
11 17	4 40.09	+21 35.6	1.829	2.791	5.8	19.5
11 27	4 30.84	+21 27.1	1.813	2.797	1.6	19.2
12 7	4 21.30	+21 16.4	1.825	2.804	2.8	19.3
12 17	4 12.57	+21 5.6	1.866	2.811	6.9	19.6
12 27	4 5.61	+20 57.4	1.934	2.817	10.6	19.9
1 6	4 1.04	+20 54.0	2.026	2.824	13.8	20.1

517422 2014 MR_{28} 11 30.6 151.°93 4.°4/29.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.45	+ 8 17.9	2.387	3.209	11.6	22.6
11 7	4 47.32	+ 7 50.3	2.321	3.217	8.9	22.5
11 17	4 39.50	+ 7 28.2	2.280	3.225	6.2	22.3
11 27	4 30.67	+ 7 14.1	2.268	3.233	4.4	22.2
12 7	4 21.64	+ 7 10.0	2.286	3.240	5.2	22.3
12 17	4 13.25	+ 7 17.1	2.333	3.246	7.7	22.4
12 27	4 6.25	+ 7 35.4	2.408	3.252	10.4	22.6
1 6	4 1.13	+ 8 4.0	2.506	3.257	12.8	22.8

189740 2001 XA_{80} 11 30.6 28.°46 5.°7/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.36	+10 46.6	1.264	2.124	17.5	19.3
11 7	4 48.42	+10 6.8	1.213	2.131	13.3	19.0
11 17	4 40.60	+ 9 33.8	1.182	2.140	8.9	18.8
11 27	4 31.01	+ 9 12.7	1.175	2.149	5.8	18.7
12 7	4 21.12	+ 9 7.1	1.194	2.159	7.1	18.8
12 17	4 12.42	+ 9 18.7	1.237	2.169	11.1	19.0
12 27	4 6.11	+ 9 47.4	1.304	2.180	15.2	19.3
1 6	4 2.89	+10 30.5	1.389	2.192	18.7	19.6

174321 2002 TP_{110} 11 30.6 8.°69 10.°1/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.25	+ 0 37.4	1.307	2.153	17.8	18.8
11 7	4 46.04	− 0 16.0	1.257	2.155	14.6	18.6
11 17	4 39.17	− 0 51.3	1.226	2.158	11.6	18.4
11 27	4 30.63	− 1 1.6	1.218	2.163	10.1	18.4
12 7	4 21.76	− 0 43.0	1.234	2.168	10.9	18.4
12 17	4 13.93	+ 0 4.3	1.272	2.175	13.5	18.6
12 27	4 8.27	+ 1 16.4	1.333	2.183	16.7	18.8
1 6	4 5.47	+ 2 46.8	1.412	2.192	19.6	19.0

31904 Haoruochen 11 30.6 20.°92 4.°3/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.28	+15 21.6	1.292	2.153	17.1	18.5
11 7	4 48.40	+14 22.2	1.234	2.156	12.8	18.3
11 17	4 40.62	+13 22.4	1.198	2.160	8.1	18.0
11 27	4 31.03	+12 27.6	1.185	2.164	4.4	17.8
12 7	4 21.11	+11 43.4	1.199	2.169	6.1	18.0
12 17	4 12.35	+11 14.6	1.238	2.175	10.6	18.2
12 27	4 5.99	+11 3.6	1.301	2.181	15.0	18.5
1 6	4 2.72	+11 10.2	1.382	2.187	18.7	18.8

366125 2012 DE_{57} 11 30.6 302.°01 0.°5/30.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.90	+22 19.3	1.288	2.142	17.6	21.3
11 7	4 51.40	+21 56.8	1.220	2.139	13.1	21.0
11 17	4 42.59	+21 26.9	1.172	2.137	7.9	20.8
11 27	4 31.60	+20 50.7	1.149	2.134	2.1	20.4
12 7	4 20.07	+20 11.7	1.152	2.132	3.9	20.5
12 17	4 9.71	+19 34.7	1.182	2.129	9.6	20.8
12 27	4 2.01	+19 5.5	1.235	2.127	14.7	21.1
1 6	3 57.80	+18 47.7	1.308	2.125	18.9	21.4

514110 2015 CU_{54} 11 30.6 301.°50 3.°5/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.07	+28 39.7	1.266	2.114	18.2	21.8
11 7	4 52.11	+29 2.7	1.185	2.098	14.1	21.5
11 17	4 43.38	+29 14.4	1.124	2.082	9.2	21.2
11 27	4 31.91	+29 10.9	1.086	2.066	4.4	20.8
12 7	4 19.43	+28 51.3	1.074	2.051	4.9	20.8
12 17	4 7.96	+28 18.7	1.087	2.036	10.0	21.1
12 27	3 59.34	+27 40.5	1.123	2.021	15.2	21.3
1 6	3 54.67	+27 4.6	1.178	2.007	19.8	21.6

447463 2006 MU_4 11 30.6 157.°25 5.°4/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.35	+ 7 43.6	2.125	2.952	12.6	22.5
11 7	4 47.42	+ 6 44.3	2.061	2.958	9.8	22.4
11 17	4 39.64	+ 5 50.4	2.022	2.964	7.0	22.2
11 27	4 30.74	+ 5 6.3	2.010	2.969	5.5	22.1
12 7	4 21.64	+ 4 35.4	2.028	2.974	6.4	22.2
12 17	4 13.26	+ 4 20.2	2.073	2.978	9.0	22.4
12 27	4 6.40	+ 4 21.1	2.145	2.981	11.8	22.5
1 6	4 1.62	+ 4 36.9	2.239	2.984	14.3	22.7

243014 2006 UN_{161} 11 30.6 33.°48 2.°9/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.12	+12 24.5	2.351	3.185	11.3	19.8
11 7	4 44.99	+12 18.2	2.284	3.191	8.5	19.6
11 17	4 38.18	+12 15.3	2.242	3.198	5.4	19.4
11 27	4 30.36	+12 17.4	2.228	3.205	3.0	19.3
12 7	4 22.31	+12 25.5	2.244	3.212	3.9	19.3
12 17	4 14.85	+12 40.4	2.289	3.220	6.8	19.5
12 27	4 8.73	+13 2.6	2.361	3.227	9.7	19.7
1 6	4 4.45	+13 31.7	2.458	3.235	12.3	19.9

70463 1999 TL_{29} 11 30.6 77.°30 0.°8/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.72	+24 39.5	1.654	2.491	15.2	20.0
11 7	4 50.46	+24 33.9	1.597	2.507	11.2	19.8
11 17	4 41.64	+24 20.8	1.563	2.524	6.8	19.6
11 27	4 31.29	+24 0.4	1.556	2.540	2.1	19.3
12 7	4 20.74	+23 34.6	1.576	2.556	3.1	19.4
12 17	4 11.31	+23 6.6	1.625	2.572	7.6	19.8
12 27	4 4.08	+22 40.9	1.701	2.588	11.6	20.0
1 6	3 59.67	+22 21.1	1.798	2.603	15.0	20.3

78122 2002 NG_4 11 30.6 82.°21 1.°1/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.29	+19 7.9	2.304	3.136	11.6	20.0
11 7	4 46.54	+18 52.3	2.245	3.154	8.5	19.8
11 17	4 39.06	+18 34.9	2.212	3.172	5.0	19.7
11 27	4 30.58	+18 16.8	2.207	3.191	1.6	19.4
12 7	4 21.97	+17 59.8	2.232	3.209	2.8	19.6
12 17	4 14.09	+17 45.8	2.287	3.227	6.2	19.8
12 27	4 7.69	+17 36.6	2.370	3.244	9.3	20.0
1 6	4 3.27	+17 33.7	2.477	3.262	12.0	20.3

376404 2012 FG_{59} 11 30.6 319.°06 1.°8/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.96	+20 24.0	1.230	2.091	17.8	20.9
11 7	4 50.09	+19 47.0	1.160	2.083	13.3	20.6
11 17	4 41.89	+19 3.5	1.110	2.076	8.0	20.3
11 27	4 31.44	+18 16.4	1.085	2.069	2.6	19.9
12 7	4 20.39	+17 30.2	1.085	2.063	4.6	20.0
12 17	4 10.48	+16 50.8	1.110	2.057	10.2	20.3
12 27	4 3.20	+16 23.3	1.159	2.051	15.4	20.6
1 6	3 59.42	+16 10.6	1.227	2.046	19.7	20.9

189727 2001 VJ_{77} 11 30.6 321.°33 5.°9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.70	+11 1.3	1.325	2.185	16.8	19.3
11 7	4 47.48	+10 12.5	1.249	2.168	13.0	19.0
11 17	4 40.28	+ 9 27.9	1.194	2.151	8.8	18.7
11 27	4 31.03	+ 8 53.2	1.162	2.135	6.0	18.5
12 7	4 21.08	+ 8 33.7	1.156	2.120	7.5	18.6
12 17	4 11.96	+ 8 33.0	1.175	2.105	11.6	18.8
12 27	4 5.08	+ 8 52.3	1.215	2.092	16.1	19.0
1 6	4 1.32	+ 9 30.0	1.275	2.079	20.0	19.2

403178 2008 HE_{19} 11 30.6 182.°17 0.°1/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.12	+22 22.3	2.084	2.917	12.6	21.5
11 7	4 47.51	+22 9.4	2.008	2.917	9.3	21.3
11 17	4 39.83	+21 51.7	1.956	2.917	5.6	21.0
11 27	4 30.83	+21 30.0	1.933	2.917	1.5	20.8
12 7	4 21.51	+21 5.9	1.938	2.917	2.7	20.8
12 17	4 12.92	+20 42.1	1.973	2.917	6.7	21.1
12 27	4 5.97	+20 21.5	2.036	2.917	10.3	21.3
1 6	4 1.29	+20 6.8	2.122	2.916	13.4	21.5

175537 2006 SZ_{173} 11 30.6 75.°71 0.°3/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.39	+21 50.8	1.796	2.635	14.0	20.5
11 7	4 48.63	+21 36.3	1.731	2.643	10.4	20.3
11 17	4 40.54	+21 17.0	1.689	2.652	6.2	20.0
11 27	4 31.01	+20 54.0	1.675	2.660	1.7	19.8
12 7	4 21.23	+20 29.2	1.689	2.668	3.0	19.9
12 17	4 12.35	+20 5.6	1.732	2.677	7.4	20.2
12 27	4 5.41	+19 46.7	1.802	2.685	11.3	20.4
1 6	4 1.02	+19 34.8	1.894	2.693	14.5	20.7

123744 2001 AT_{22} 11 30.6 245.°02 0.°8/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.41	+24 7.6	2.187	3.016	12.3	20.0
11 7	4 47.74	+24 16.0	2.107	3.013	9.1	19.8
11 17	4 39.99	+24 19.4	2.051	3.010	5.6	19.6
11 27	4 30.88	+24 17.5	2.024	3.007	1.8	19.3
12 7	4 21.40	+24 10.8	2.026	3.004	2.6	19.4
12 17	4 12.57	+24 0.9	2.057	3.001	6.4	19.6
12 27	4 5.32	+23 50.7	2.116	2.998	9.9	19.9
1 6	4 0.31	+23 42.8	2.199	2.995	12.9	20.1

341986 2008 QS_{46} 11 30.6 114.°21 0.°0/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 57.28	+23 47.1	1.740	2.575	14.7	21.2
11 7	4 50.74	+23 19.1	1.678	2.588	10.8	21.0
11 17	4 41.77	+22 43.7	1.640	2.601	6.5	20.7
11 27	4 31.34	+22 2.1	1.629	2.613	1.7	20.5
12 7	4 20.73	+21 17.3	1.646	2.626	3.0	20.6
12 17	4 11.18	+20 33.6	1.693	2.637	7.5	20.9
12 27	4 3.75	+19 55.4	1.767	2.649	11.5	21.2
1 6	3 59.03	+19 26.1	1.863	2.660	14.9	21.4

519587 2012 TU_{327} 11 30.6 206.°38 7.°4/ 3.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 2.45	+41 49.6	1.941	2.717	15.5	21.4
11 7	4 55.25	+42 30.9	1.859	2.713	12.9	21.2
11 17	4 44.84	+42 53.8	1.799	2.709	10.1	21.0
11 27	4 32.25	+42 52.6	1.764	2.704	7.9	20.9
12 7	4 19.04	+42 25.1	1.756	2.699	7.6	20.8
12 17	4 6.89	+41 34.0	1.776	2.693	9.4	20.9
12 27	3 57.27	+40 26.5	1.822	2.686	12.1	21.1
1 6	3 51.03	+39 11.8	1.890	2.680	15.0	21.3

189344 2007 XO_{53} 11 30.6 151.°42 3.°4/ 2.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.48	+33 3.2	2.214	3.020	12.9	20.7
11 7	4 50.01	+33 6.1	2.139	3.025	10.0	20.5
11 17	4 41.31	+32 56.9	2.088	3.030	6.8	20.3
11 27	4 31.23	+32 34.2	2.064	3.035	4.0	20.1
12 7	4 20.88	+31 58.6	2.070	3.040	3.9	20.2
12 17	4 11.39	+31 13.3	2.105	3.044	6.6	20.3
12 27	4 3.72	+30 23.1	2.168	3.048	9.8	20.5
1 6	3 58.50	+29 33.5	2.256	3.052	12.6	20.7

122136 2000 JB_{38} 11 30.6 90.°17 0.°9/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 59.04	+24 13.2	1.611	2.446	15.6	19.8
11 7	4 52.21	+24 18.4	1.556	2.466	11.6	19.6
11 17	4 42.70	+24 16.9	1.525	2.485	7.0	19.4
11 27	4 31.60	+24 8.0	1.520	2.504	2.2	19.2
12 7	4 20.30	+23 52.9	1.543	2.522	3.2	19.3
12 17	4 10.20	+23 34.7	1.595	2.541	7.8	19.6
12 27	4 2.42	+23 17.4	1.673	2.559	11.9	19.9
1 6	3 57.60	+23 4.7	1.774	2.576	15.3	20.1

235234 2003 SV_{260} 11 30.6 111.°97 1.°0/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.88	+21 0.6	1.763	2.603	14.2	20.9
11 7	4 49.02	+20 31.2	1.696	2.609	10.5	20.7
11 17	4 40.79	+19 56.9	1.652	2.614	6.3	20.5
11 27	4 31.10	+19 19.6	1.635	2.619	1.8	20.2
12 7	4 21.14	+18 42.1	1.647	2.625	3.3	20.3
12 17	4 12.10	+18 8.1	1.687	2.630	7.7	20.6
12 27	4 5.02	+17 41.4	1.754	2.635	11.7	20.8
1 6	4 0.53	+17 24.2	1.844	2.640	15.0	21.1

80826 2000 DH_1 11 30.6 140.°88 4.°6/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.27	+10 22.6	1.900	2.730	13.7	19.3
11 7	4 49.74	+ 9 44.4	1.838	2.742	10.4	19.1
11 17	4 41.09	+ 9 10.8	1.802	2.752	7.0	18.9
11 27	4 31.16	+ 8 45.3	1.792	2.762	4.7	18.8
12 7	4 21.04	+ 8 30.7	1.812	2.772	5.7	18.9
12 17	4 11.77	+ 8 28.8	1.861	2.780	8.8	19.1
12 27	4 4.29	+ 8 40.2	1.935	2.789	12.1	19.3
1 6	3 59.17	+ 9 4.0	2.032	2.796	14.9	19.5

267130 2000 ED_{23} 11 30.6 127.°79 1.°1/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 57.63	+19 59.1	1.786	2.621	14.3	21.3
11 7	4 50.94	+19 39.0	1.723	2.634	10.6	21.1
11 17	4 41.88	+19 15.4	1.685	2.646	6.3	20.8
11 27	4 31.38	+18 49.8	1.674	2.658	1.9	20.6
12 7	4 20.67	+18 24.5	1.692	2.670	3.3	20.7
12 17	4 10.95	+18 2.4	1.740	2.681	7.7	21.0
12 27	4 3.25	+17 46.6	1.814	2.691	11.5	21.3
1 6	3 58.19	+17 39.3	1.911	2.701	14.8	21.5

42508 1993 FR_{30} 11 30.6 145.°01 0.°1/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.75	+22 42.6	2.255	3.079	12.1	20.2
11 7	4 49.19	+22 24.7	2.186	3.090	8.9	20.1
11 17	4 40.71	+22 1.7	2.141	3.101	5.3	19.8
11 27	4 31.06	+21 34.4	2.126	3.111	1.4	19.6
12 7	4 21.22	+21 4.7	2.141	3.120	2.5	19.7
12 17	4 12.15	+20 35.2	2.187	3.129	6.3	20.0
12 27	4 4.72	+20 9.1	2.261	3.137	9.6	20.2
1 6	3 59.45	+19 48.9	2.359	3.144	12.5	20.4

213271 2001 NT_5 11 30.6 136.°74 3.°2/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.13	+11 29.8	2.292	3.116	11.9	20.7
11 7	4 48.64	+11 22.7	2.227	3.129	8.9	20.5
11 17	4 40.35	+11 19.6	2.187	3.140	5.8	20.3
11 27	4 30.97	+11 22.1	2.176	3.151	3.4	20.2
12 7	4 21.38	+11 31.2	2.196	3.162	4.2	20.3
12 17	4 12.48	+11 47.6	2.245	3.172	7.1	20.5
12 27	4 5.06	+12 11.7	2.323	3.181	10.1	20.7
1 6	3 59.67	+12 43.1	2.424	3.190	12.7	20.9

305206 2007 WX_{19} 11 30.6 227.°50 3.°3/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.41	+14 1.3	1.865	2.705	13.6	20.8
11 7	4 47.86	+13 32.9	1.792	2.703	10.2	20.6
11 17	4 40.11	+13 6.2	1.743	2.701	6.4	20.4
11 27	4 30.94	+12 43.8	1.721	2.699	3.5	20.2
12 7	4 21.41	+12 28.4	1.728	2.697	4.7	20.2
12 17	4 12.63	+12 22.2	1.762	2.695	8.3	20.5
12 27	4 5.59	+12 26.6	1.823	2.692	11.9	20.7
1 6	4 0.93	+12 42.0	1.906	2.690	15.1	20.9

38379 1999 RQ_{175} 11 30.6 149.°80 3.°6/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.42	+13 26.8	1.942	2.778	13.3	19.6
11 7	4 48.42	+12 45.3	1.876	2.784	10.0	19.4
11 17	4 40.34	+12 5.4	1.833	2.789	6.4	19.2
11 27	4 30.99	+11 30.2	1.819	2.795	3.7	19.1
12 7	4 21.39	+11 3.0	1.834	2.799	4.9	19.2
12 17	4 12.59	+10 46.4	1.877	2.804	8.3	19.4
12 27	4 5.51	+10 41.8	1.946	2.808	11.6	19.6
1 6	4 0.72	+10 49.4	2.039	2.811	14.6	19.8

437402 2013 WK_{74} 11 30.6 1.°62 2.°9/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.09	+15 10.3	1.311	2.166	17.3	20.5
11 7	4 50.67	+15 9.0	1.246	2.166	12.9	20.2
11 17	4 42.14	+15 10.9	1.202	2.165	8.0	19.9
11 27	4 31.55	+15 17.5	1.183	2.165	3.4	19.7
12 7	4 20.40	+15 30.4	1.190	2.166	4.9	19.8
12 17	4 10.31	+15 50.7	1.223	2.167	9.9	20.1
12 27	4 2.70	+16 19.3	1.280	2.168	14.6	20.3
1 6	3 58.39	+16 56.4	1.357	2.169	18.6	20.6

65780 1995 TM_1 11 30.6 18.°66 10.°5/25.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 50.47	+ 3 38.5	1.323	2.174	17.4	18.5
11 7	4 46.11	+ 1 20.6	1.277	2.180	14.1	18.3
11 17	4 39.17	− 0 45.5	1.254	2.186	11.5	18.2
11 27	4 30.68	− 2 28.5	1.254	2.193	10.6	18.2
12 7	4 21.98	− 3 39.7	1.279	2.200	11.9	18.3
12 17	4 14.37	− 4 15.1	1.327	2.209	14.6	18.5
12 27	4 8.91	− 4 15.8	1.395	2.219	17.6	18.7
1 6	4 6.21	− 3 47.2	1.480	2.229	20.2	18.9

387617 2002 GU_{24} 11 30.6 197.°89 2.°7/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 57.83	+29 0.2	1.958	2.777	13.9	21.8
11 7	4 51.35	+29 21.1	1.878	2.776	10.6	21.6
11 17	4 42.31	+29 33.1	1.822	2.773	6.9	21.3
11 27	4 31.58	+29 33.9	1.793	2.771	3.4	21.1
12 7	4 20.36	+29 23.4	1.793	2.768	3.7	21.1
12 17	4 9.94	+29 3.5	1.822	2.764	7.3	21.3
12 27	4 1.49	+28 38.5	1.878	2.760	11.0	21.6
1 6	3 55.76	+28 13.4	1.958	2.756	14.2	21.8

227254 2005 SY_{76} 11 30.6 255.°79 2.°0/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.50	+18 17.1	1.578	2.423	15.3	21.3
11 7	4 49.87	+17 50.8	1.502	2.417	11.4	21.0
11 17	4 41.52	+17 21.9	1.448	2.411	6.9	20.7
11 27	4 31.38	+16 52.6	1.421	2.405	2.6	20.4
12 7	4 20.73	+16 26.0	1.422	2.398	4.2	20.5
12 17	4 10.96	+16 5.3	1.450	2.392	8.8	20.8
12 27	4 3.31	+15 54.0	1.504	2.385	13.2	21.0
1 6	3 58.54	+15 53.7	1.579	2.378	17.0	21.3

405298 2003 TG_{57} 11 30.6 61.°06 8.°5/ 4.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 0.56	+46 50.0	2.156	2.906	15.0	20.6
11 7	4 53.63	+47 45.1	2.095	2.920	12.7	20.5
11 17	4 43.73	+48 20.2	2.056	2.935	10.6	20.4
11 27	4 31.95	+48 30.0	2.041	2.950	8.9	20.3
12 7	4 19.78	+48 12.9	2.051	2.966	8.5	20.3
12 17	4 8.77	+47 31.4	2.089	2.981	9.5	20.4
12 27	4 0.22	+46 31.9	2.151	2.996	11.4	20.5
1 6	3 54.85	+45 22.7	2.236	3.011	13.4	20.7

282217 2001 XE_{112} 11 30.6 0.°82 3.°6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.34	+13 42.2	1.344	2.200	16.9	19.9
11 7	4 49.28	+13 34.1	1.280	2.199	12.7	19.6
11 17	4 41.27	+13 30.4	1.237	2.198	8.0	19.3
11 27	4 31.31	+13 33.5	1.218	2.198	4.0	19.1
12 7	4 20.85	+13 45.2	1.226	2.199	5.3	19.2
12 17	4 11.40	+14 6.9	1.259	2.200	9.9	19.5
12 27	4 4.29	+14 38.9	1.316	2.202	14.4	19.7
1 6	4 0.32	+15 20.5	1.394	2.204	18.3	20.0

371338 2006 KY_7 11 30.6 190.°37 0.°9/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.67	+20 48.8	2.559	3.388	10.7	20.8
11 7	4 45.35	+20 14.9	2.480	3.388	7.9	20.6
11 17	4 38.41	+19 37.1	2.426	3.387	4.7	20.4
11 27	4 30.47	+18 57.1	2.402	3.386	1.4	20.1
12 7	4 22.33	+18 17.1	2.409	3.385	2.6	20.2
12 17	4 14.75	+17 39.9	2.445	3.384	5.9	20.5
12 27	4 8.48	+17 8.0	2.510	3.383	8.9	20.6
1 6	4 4.01	+16 43.6	2.600	3.382	11.5	20.8

108703 2001 OU_{17} 11 30.6 87.°24 5.°3/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.30	+ 8 17.6	1.876	2.710	13.7	20.1
11 7	4 47.58	+ 7 39.1	1.819	2.722	10.5	19.9
11 17	4 39.83	+ 7 7.3	1.786	2.733	7.4	19.8
11 27	4 30.86	+ 6 46.0	1.780	2.745	5.4	19.7
12 7	4 21.70	+ 6 38.0	1.802	2.756	6.3	19.8
12 17	4 13.37	+ 6 44.6	1.852	2.767	9.1	20.0
12 27	4 6.75	+ 7 5.6	1.927	2.779	12.2	20.2
1 6	4 2.41	+ 7 39.3	2.024	2.790	14.9	20.4

59273 1999 CG_{39} 11 30.6 0.°93 4.°4/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.81	+30 55.1	1.369	2.208	17.6	18.4
11 7	4 51.52	+31 27.3	1.301	2.206	13.6	18.2
11 17	4 42.80	+31 46.6	1.254	2.206	9.2	17.9
11 27	4 31.77	+31 48.8	1.230	2.206	5.2	17.7
12 7	4 20.10	+31 33.2	1.233	2.206	5.3	17.7
12 17	4 9.62	+31 3.1	1.261	2.207	9.3	17.9
12 27	4 1.88	+30 25.3	1.314	2.209	13.7	18.2
1 6	3 57.75	+29 47.4	1.387	2.211	17.6	18.5

421724 2014 PG_{34} 11 30.6 159.°85 2.°1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.90	+15 28.7	2.298	3.129	11.7	21.5
11 7	4 47.12	+15 17.1	2.224	3.132	8.6	21.3
11 17	4 39.53	+15 6.4	2.176	3.135	5.3	21.1
11 27	4 30.80	+14 57.9	2.157	3.138	2.4	20.9
12 7	4 21.80	+14 53.1	2.168	3.140	3.4	21.0
12 17	4 13.43	+14 53.5	2.208	3.143	6.7	21.2
12 27	4 6.49	+15 0.2	2.276	3.145	9.9	21.4
1 6	4 1.54	+15 13.9	2.368	3.146	12.6	21.6

351040 2003 SC_{170} 11 30.6 5.°80 8.°9/ 3.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.62	+41 2.2	1.454	2.259	18.5	20.1
11 7	4 53.18	+42 3.6	1.388	2.259	15.3	19.9
11 17	4 43.95	+42 44.2	1.341	2.260	12.0	19.7
11 27	4 32.10	+42 56.4	1.317	2.261	9.5	19.6
12 7	4 19.54	+42 37.2	1.317	2.263	9.1	19.6
12 17	4 8.31	+41 49.8	1.342	2.266	11.2	19.7
12 27	4 0.17	+40 43.2	1.390	2.269	14.3	19.9
1 6	3 56.00	+39 28.5	1.459	2.273	17.4	20.1

16109 1999 WH_6 11 30.6 157.°78 1.°3/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.45	+18 42.5	1.750	2.584	14.6	18.5
11 7	4 51.73	+18 35.9	1.680	2.591	10.8	18.3
11 17	4 42.48	+18 27.6	1.635	2.596	6.5	18.0
11 27	4 31.63	+18 18.4	1.617	2.601	2.1	17.8
12 7	4 20.42	+18 9.9	1.628	2.605	3.5	17.9
12 17	4 10.14	+18 4.1	1.668	2.609	7.9	18.2
12 27	4 1.90	+18 3.6	1.735	2.613	12.0	18.4
1 6	3 56.40	+18 10.1	1.825	2.615	15.4	18.6

280781 2005 SO_{129} 11 30.6 1.°15 2.°5/29.9 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.91	+19 6.1	1.105	1.978	18.5	19.4
11 7	4 47.22	+18 25.2	1.046	1.975	13.7	19.2
11 17	4 40.22	+17 39.8	1.006	1.974	8.3	18.9
11 27	4 31.06	+16 53.9	0.990	1.974	3.1	18.6
12 7	4 21.42	+16 12.8	0.997	1.975	5.1	18.7
12 17	4 13.01	+15 42.0	1.029	1.977	10.6	19.0
12 27	4 7.28	+15 25.6	1.083	1.981	15.7	19.3
1 6	4 5.02	+15 24.9	1.155	1.986	20.0	19.6

135195 2001 RO_{29} 11 30.6 128.°96 0.°5/30.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.81	+23 53.7	1.821	2.650	14.3	21.0
11 7	4 51.87	+23 49.6	1.757	2.663	10.6	20.8
11 17	4 42.49	+23 39.1	1.717	2.677	6.4	20.6
11 27	4 31.61	+23 22.2	1.705	2.689	1.9	20.3
12 7	4 20.49	+23 0.3	1.722	2.701	2.9	20.4
12 17	4 10.39	+22 36.3	1.769	2.713	7.3	20.7
12 27	4 2.36	+22 14.2	1.842	2.724	11.2	21.0
1 6	3 57.04	+21 57.4	1.939	2.734	14.4	21.2

61571 2000 QD_{78} 11 30.6 344.°15 0.°8/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.61	+24 29.1	1.909	2.744	13.5	19.1
11 7	4 48.15	+24 29.9	1.833	2.742	10.1	18.9
11 17	4 40.36	+24 24.7	1.781	2.741	6.1	18.6
11 27	4 31.07	+24 13.0	1.756	2.740	1.9	18.3
12 7	4 21.38	+23 56.0	1.759	2.738	2.8	18.4
12 17	4 12.47	+23 36.2	1.792	2.738	7.0	18.7
12 27	4 5.38	+23 17.0	1.851	2.737	10.9	18.9
1 6	4 0.78	+23 1.8	1.933	2.736	14.2	19.1

383828 2008 FK_{50} 11 30.7 114.°75 1.°4/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.97	+24 44.0	1.686	2.514	15.3	21.0
11 7	4 53.67	+25 4.1	1.626	2.532	11.4	20.8
11 17	4 43.65	+25 17.6	1.590	2.548	7.0	20.6
11 27	4 31.95	+25 23.0	1.581	2.564	2.4	20.3
12 7	4 19.96	+25 20.3	1.601	2.580	3.2	20.4
12 17	4 9.11	+25 11.9	1.650	2.595	7.7	20.7
12 27	4 0.56	+25 1.7	1.726	2.609	11.7	21.0
1 6	3 54.99	+24 53.6	1.824	2.623	15.1	21.2

331965 2004 XK_{41} 11 30.7 323.°69 2.°6/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.54	+14 31.5	1.945	2.786	13.0	20.8
11 7	4 46.57	+14 28.1	1.862	2.774	9.8	20.6
11 17	4 39.43	+14 27.2	1.803	2.763	6.1	20.4
11 27	4 30.84	+14 30.2	1.772	2.752	2.9	20.1
12 7	4 21.78	+14 38.6	1.768	2.742	4.0	20.2
12 17	4 13.31	+14 53.5	1.794	2.731	7.7	20.4
12 27	4 6.44	+15 15.7	1.845	2.722	11.4	20.6
1 6	4 1.86	+15 45.3	1.919	2.712	14.6	20.8

260339 2004 TB_{231} 11 30.7 234.°59 1.°3/ 1.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.06	+26 36.5	2.339	3.161	11.8	21.2
11 7	4 47.42	+26 32.9	2.254	3.156	8.8	21.0
11 17	4 39.81	+26 22.3	2.194	3.150	5.5	20.7
11 27	4 30.92	+26 4.3	2.162	3.145	2.1	20.5
12 7	4 21.69	+25 39.9	2.160	3.139	2.6	20.5
12 17	4 13.08	+25 11.5	2.188	3.132	6.1	20.8
12 27	4 5.99	+24 42.4	2.244	3.126	9.4	21.0
1 6	4 1.02	+24 16.0	2.325	3.120	12.3	21.1

249799 2000 YX_{81} 11 30.7 21.°30 1.°1/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.70	+25 28.2	0.772	1.662	22.5	18.0
11 7	4 47.79	+25 10.7	0.739	1.676	16.7	17.8
11 17	4 40.72	+24 39.7	0.722	1.692	10.1	17.5
11 27	4 31.18	+23 57.1	0.725	1.710	3.0	17.2
12 7	4 21.48	+23 8.5	0.749	1.730	4.4	17.4
12 17	4 13.74	+22 21.8	0.794	1.752	10.9	17.8
12 27	4 9.49	+21 44.4	0.860	1.777	16.5	18.2
1 6	4 9.30	+21 20.6	0.942	1.802	21.1	18.6

453158 2008 CE_{80} 11 30.7 358.°76 21.°2/ 8.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 7.89	+57 0.1	0.950	1.721	28.4	19.8
11 7	5 4.30	+59 19.1	0.901	1.718	26.1	19.6
11 17	4 52.77	+60 57.4	0.865	1.716	23.8	19.5
11 27	4 34.84	+61 34.6	0.842	1.715	22.0	19.4
12 7	4 14.98	+60 58.0	0.834	1.715	21.2	19.3
12 17	3 58.60	+59 10.8	0.842	1.717	21.6	19.4
12 27	3 49.39	+56 32.6	0.866	1.719	23.2	19.5
1 6	3 48.05	+53 28.7	0.906	1.722	25.3	19.6

291926 2006 QM_{26} 11 30.7 83.°76 2.°8/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.42	+15 34.3	1.827	2.668	13.7	20.6
11 7	4 47.86	+15 1.8	1.761	2.674	10.2	20.4
11 17	4 40.10	+14 29.5	1.720	2.680	6.3	20.2
11 27	4 31.00	+14 0.3	1.706	2.686	3.1	20.0
12 7	4 21.63	+13 36.9	1.720	2.691	4.4	20.1
12 17	4 13.10	+13 22.0	1.762	2.697	8.1	20.4
12 27	4 6.35	+13 17.4	1.831	2.703	11.7	20.6
1 6	4 2.02	+13 23.7	1.922	2.709	14.8	20.8

209034 2003 KB_{30} 11 30.7 127.°77 2.°8/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.57	+15 55.6	1.535	2.375	16.0	21.0
11 7	4 52.66	+15 31.8	1.477	2.389	11.9	20.8
11 17	4 43.06	+15 8.5	1.441	2.401	7.3	20.5
11 27	4 31.80	+14 47.9	1.432	2.413	3.2	20.3
12 7	4 20.30	+14 32.9	1.452	2.425	4.7	20.4
12 17	4 9.93	+14 26.0	1.499	2.436	9.0	20.7
12 27	4 1.87	+14 29.0	1.572	2.446	13.2	21.0
1 6	3 56.77	+14 42.6	1.666	2.455	16.7	21.2

343266 2009 YK_{24} 11 30.7 288.°12 3.°0/ 1.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.72	+30 10.5	1.579	2.410	16.0	21.1
11 7	4 51.06	+30 10.5	1.500	2.404	12.3	20.8
11 17	4 42.37	+29 57.3	1.444	2.398	8.0	20.6
11 27	4 31.68	+29 29.1	1.413	2.392	3.9	20.3
12 7	4 20.44	+28 47.0	1.410	2.386	4.1	20.3
12 17	4 10.22	+27 55.3	1.434	2.380	8.3	20.5
12 27	4 2.38	+27 0.9	1.483	2.375	12.7	20.8
1 6	3 57.74	+26 10.4	1.554	2.369	16.5	21.0

356572 2011 SE_{234} 11 30.7 83.°66 3.°7/ 2.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.52	+32 12.1	1.777	2.595	15.1	20.9
11 7	4 51.19	+32 20.6	1.713	2.607	11.6	20.7
11 17	4 42.20	+32 15.8	1.671	2.618	7.8	20.5
11 27	4 31.58	+31 55.8	1.656	2.630	4.4	20.3
12 7	4 20.69	+31 21.4	1.669	2.641	4.3	20.3
12 17	4 10.90	+30 36.5	1.710	2.653	7.6	20.5
12 27	4 3.35	+29 47.1	1.778	2.664	11.2	20.8
1 6	3 58.69	+28 59.3	1.869	2.675	14.4	21.0

68483 2001 TG_{129} 11 30.7 245.°29 0.°6/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.22	+21 19.3	1.812	2.648	14.1	19.8
11 7	4 50.26	+21 1.5	1.725	2.635	10.5	19.6
11 17	4 41.75	+20 38.6	1.661	2.622	6.3	19.3
11 27	4 31.51	+20 11.7	1.624	2.609	1.8	19.0
12 7	4 20.72	+19 42.6	1.617	2.595	3.2	19.0
12 17	4 10.65	+19 14.8	1.638	2.581	7.9	19.3
12 27	4 2.49	+18 52.0	1.686	2.566	12.1	19.5
1 6	3 57.00	+18 37.3	1.756	2.551	15.7	19.7

129781 1999 JK_{46} 11 30.7 110.°25 2.°7/29.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.96	+16 56.1	1.532	2.373	15.9	20.2
11 7	4 52.13	+16 18.7	1.478	2.391	11.8	20.0
11 17	4 42.68	+15 40.2	1.447	2.408	7.2	19.7
11 27	4 31.70	+15 3.8	1.443	2.424	3.1	19.5
12 7	4 20.56	+14 32.9	1.467	2.440	4.6	19.7
12 17	4 10.62	+14 10.9	1.518	2.455	8.9	20.0
12 27	4 2.98	+14 0.4	1.596	2.470	13.0	20.2
1 6	3 58.24	+14 2.2	1.695	2.484	16.4	20.5

404935 2014 ML_7 11 30.7 139.°94 0.°1/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.30	+24 51.0	2.187	3.011	12.4	21.1
11 7	4 48.94	+24 10.0	2.116	3.020	9.2	20.9
11 17	4 40.61	+23 21.2	2.070	3.029	5.5	20.7
11 27	4 31.13	+22 26.1	2.053	3.037	1.5	20.5
12 7	4 21.50	+21 27.8	2.066	3.045	2.5	20.6
12 17	4 12.70	+20 30.3	2.110	3.053	6.4	20.8
12 27	4 5.58	+19 37.9	2.183	3.060	9.9	21.1
1 6	4 0.70	+18 53.9	2.280	3.067	12.8	21.3

252039 2000 QA_{120} 11 30.7 66.°44 2.°9/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 2.90	+29 11.3	1.190	2.032	19.5	20.0
11 7	4 55.66	+29 11.1	1.151	2.061	14.7	19.8
11 17	4 44.94	+28 56.0	1.132	2.089	9.2	19.6
11 27	4 32.29	+28 24.8	1.137	2.118	4.0	19.4
12 7	4 19.69	+27 40.2	1.168	2.146	4.3	19.5
12 17	4 8.97	+26 48.9	1.225	2.174	9.2	19.8
12 27	4 1.44	+25 58.8	1.307	2.202	13.8	20.2
1 6	3 57.65	+25 16.5	1.409	2.230	17.6	20.5

29772 Portocarrero 11 30.7 264.°84 1.°2/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.86	+25 9.7	1.929	2.761	13.5	18.8
11 7	4 49.12	+25 18.8	1.851	2.757	10.2	18.6
11 17	4 40.99	+25 21.7	1.795	2.754	6.3	18.4
11 27	4 31.29	+25 17.5	1.768	2.751	2.2	18.1
12 7	4 21.15	+25 6.7	1.769	2.747	2.9	18.1
12 17	4 11.75	+24 51.5	1.798	2.744	7.0	18.4
12 27	4 4.19	+24 35.4	1.855	2.741	10.9	18.6
1 6	3 59.18	+24 21.8	1.935	2.737	14.2	18.8

264223 2010 RC_{106} 11 30.7 145.°16 1.°8/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.58	+19 8.0	1.482	2.326	16.2	21.6
11 7	4 52.16	+18 38.7	1.417	2.332	12.0	21.3
11 17	4 42.88	+18 5.9	1.375	2.338	7.2	21.1
11 27	4 31.80	+17 31.7	1.359	2.343	2.5	20.8
12 7	4 20.38	+16 59.6	1.371	2.348	4.1	20.9
12 17	4 10.08	+16 33.4	1.411	2.353	9.0	21.2
12 27	4 2.15	+16 16.8	1.476	2.357	13.5	21.5
1 6	3 57.29	+16 11.6	1.562	2.360	17.2	21.7

94959 2001 YH_{97} 11 30.7 262.°27 0.°8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.89	+20 25.1	1.724	2.564	14.5	19.9
11 7	4 50.17	+20 16.5	1.638	2.550	10.8	19.7
11 17	4 41.78	+20 4.4	1.575	2.537	6.5	19.4
11 27	4 31.57	+19 49.5	1.539	2.523	1.9	19.1
12 7	4 20.75	+19 33.3	1.531	2.510	3.4	19.2
12 17	4 10.65	+19 18.5	1.552	2.495	8.1	19.4
12 27	4 2.52	+19 8.5	1.598	2.481	12.5	19.6
1 6	3 57.16	+19 5.7	1.667	2.467	16.2	19.8

317451 2002 QR_{138} 11 30.7 202.°77 3.°3/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.05	+13 13.9	2.087	2.919	12.6	21.4
11 7	4 48.19	+12 43.7	2.010	2.916	9.5	21.2
11 17	4 40.30	+12 15.4	1.957	2.913	6.1	21.0
11 27	4 31.12	+11 51.4	1.933	2.909	3.5	20.8
12 7	4 21.61	+11 34.4	1.938	2.904	4.6	20.8
12 17	4 12.75	+11 26.5	1.972	2.900	7.9	21.0
12 27	4 5.46	+11 29.0	2.033	2.894	11.2	21.2
1 6	4 0.34	+11 42.2	2.117	2.889	14.1	21.4

34256 Advaitpatil 11 30.7 188.°82 1.°1/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.28	+19 4.0	2.118	2.952	12.4	19.2
11 7	4 47.65	+18 52.9	2.042	2.952	9.2	19.0
11 17	4 39.99	+18 39.9	1.991	2.952	5.5	18.8
11 27	4 31.04	+18 26.0	1.967	2.951	1.8	18.5
12 7	4 21.77	+18 12.7	1.973	2.950	3.0	18.6
12 17	4 13.17	+18 2.2	2.009	2.950	6.8	18.9
12 27	4 6.15	+17 56.5	2.072	2.949	10.3	19.1
1 6	4 1.32	+17 57.2	2.158	2.948	13.3	19.3

513195 2005 NW_{43} 11 30.7 54.°34 4.°5/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.64	+12 14.6	1.295	2.148	17.5	20.9
11 7	4 50.83	+11 55.3	1.245	2.162	13.2	20.7
11 17	4 42.11	+11 41.8	1.216	2.176	8.5	20.5
11 27	4 31.62	+11 37.3	1.212	2.190	4.8	20.3
12 7	4 20.87	+11 44.2	1.234	2.204	6.0	20.4
12 17	4 11.37	+12 3.5	1.282	2.219	10.3	20.7
12 27	4 4.35	+12 35.0	1.354	2.234	14.5	21.0
1 6	4 0.48	+13 17.4	1.446	2.249	18.1	21.3

457298 2008 RN_{142} 11 30.7 33.°01 2.°0/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.44	+20 29.2	1.801	2.647	13.7	19.8
11 7	4 46.33	+19 15.7	1.745	2.660	10.1	19.6
11 17	4 39.15	+17 56.8	1.712	2.675	6.0	19.4
11 27	4 30.78	+16 36.8	1.707	2.690	2.3	19.2
12 7	4 22.33	+15 21.0	1.731	2.705	3.8	19.3
12 17	4 14.82	+14 14.5	1.784	2.722	7.8	19.6
12 27	4 9.12	+13 21.4	1.863	2.738	11.4	19.8
1 6	4 5.76	+12 43.6	1.964	2.755	14.4	20.1

225478 2000 GV_{81} 11 30.7 295.°40 8.°8/ 2.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 1.01	+39 20.8	1.491	2.296	18.1	20.0
11 7	4 55.33	+40 36.6	1.405	2.279	15.0	19.8
11 17	4 45.60	+41 36.2	1.339	2.261	11.8	19.5
11 27	4 32.78	+42 10.7	1.297	2.244	9.3	19.3
12 7	4 18.66	+42 14.2	1.279	2.227	9.1	19.3
12 17	4 5.47	+41 47.2	1.287	2.210	11.6	19.4
12 27	3 55.27	+40 57.3	1.317	2.193	15.1	19.5
1 6	3 49.31	+39 55.6	1.368	2.177	18.7	19.7

125894 2001 XU_{212} 11 30.7 324.°22 4.°2/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.92	+14 5.8	1.419	2.275	16.2	19.3
11 7	4 48.22	+13 23.4	1.346	2.265	12.2	19.1
11 17	4 40.71	+12 42.1	1.296	2.256	7.8	18.8
11 27	4 31.31	+12 6.3	1.270	2.248	4.4	18.6
12 7	4 21.38	+11 40.3	1.270	2.240	5.9	18.6
12 17	4 12.33	+11 27.7	1.296	2.232	10.3	18.9
12 27	4 5.45	+11 30.7	1.346	2.225	14.6	19.1
1 6	4 1.54	+11 49.1	1.416	2.218	18.4	19.3

379856 2012 GP_6 11 30.7 69.°05 2.°6/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.19	+27 14.7	1.279	2.123	18.3	20.9
11 7	4 53.85	+27 32.5	1.225	2.137	13.8	20.7
11 17	4 44.09	+27 39.5	1.193	2.152	8.7	20.4
11 27	4 32.20	+27 33.3	1.185	2.166	3.6	20.2
12 7	4 19.99	+27 14.7	1.203	2.181	4.1	20.3
12 17	4 9.24	+26 47.8	1.247	2.196	9.1	20.6
12 27	4 1.41	+26 18.9	1.316	2.210	13.7	20.9
1 6	3 57.21	+25 54.0	1.405	2.225	17.6	21.2

236752 2007 LL_{36} 11 30.7 66.°29 4.°7/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.81	+ 7 44.4	2.153	2.982	12.4	20.0
11 7	4 46.30	+ 7 19.5	2.098	2.998	9.5	19.8
11 17	4 39.06	+ 7 1.5	2.068	3.014	6.6	19.7
11 27	4 30.79	+ 6 53.0	2.066	3.030	4.8	19.6
12 7	4 22.37	+ 6 55.9	2.092	3.046	5.6	19.7
12 17	4 14.67	+ 7 10.9	2.147	3.062	8.1	19.9
12 27	4 8.45	+ 7 37.7	2.228	3.078	10.8	20.1
1 6	4 4.21	+ 8 14.8	2.332	3.094	13.3	20.3

260007 2004 FT_{124} 11 30.7 215.°44 0.°5/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.88	+21 23.5	2.246	3.075	12.0	21.5
11 7	4 48.05	+21 4.7	2.162	3.069	8.9	21.3
11 17	4 40.24	+20 41.7	2.103	3.063	5.3	21.1
11 27	4 31.14	+20 15.5	2.072	3.057	1.5	20.8
12 7	4 21.71	+19 47.8	2.072	3.050	2.7	20.9
12 17	4 12.90	+19 21.2	2.101	3.043	6.5	21.1
12 27	4 5.61	+18 58.7	2.159	3.036	10.0	21.3
1 6	4 0.46	+18 42.6	2.240	3.028	13.0	21.5

245792 2006 HS_{37} 11 30.7 113.°06 6.°6/27.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.80	+ 6 23.3	1.882	2.712	13.9	21.2
11 7	4 47.95	+ 5 8.8	1.828	2.724	10.9	21.1
11 17	4 40.10	+ 4 1.7	1.798	2.736	8.0	20.9
11 27	4 31.08	+ 3 7.3	1.794	2.748	6.6	20.9
12 7	4 21.90	+ 2 30.2	1.819	2.759	7.6	20.9
12 17	4 13.57	+ 2 12.7	1.871	2.770	10.1	21.1
12 27	4 6.94	+ 2 15.0	1.948	2.780	12.9	21.3
1 6	4 2.57	+ 2 34.8	2.046	2.790	15.4	21.5

159694 2002 PS_{22} 11 30.7 136.°32 1.°0/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.81	+26 15.3	2.851	3.666	10.1	21.5
11 7	4 46.83	+26 8.7	2.780	3.678	7.5	21.4
11 17	4 39.30	+25 56.1	2.734	3.689	4.6	21.2
11 27	4 30.86	+25 37.9	2.718	3.700	1.7	21.0
12 7	4 22.25	+25 14.8	2.733	3.711	2.1	21.1
12 17	4 14.24	+24 49.0	2.779	3.721	5.0	21.3
12 27	4 7.50	+24 23.0	2.854	3.731	7.8	21.5
1 6	4 2.52	+23 59.3	2.955	3.741	10.2	21.7

139223 2001 HB_5 11 30.7 211.°48 0.°7/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 58.29	+25 15.9	1.870	2.697	14.1	20.7
11 7	4 51.73	+24 56.0	1.786	2.691	10.6	20.5
11 17	4 42.61	+24 27.4	1.725	2.684	6.5	20.2
11 27	4 31.82	+23 50.3	1.692	2.676	2.0	19.9
12 7	4 20.58	+23 6.8	1.689	2.668	2.9	20.0
12 17	4 10.17	+22 20.7	1.715	2.659	7.4	20.2
12 27	4 1.74	+21 37.2	1.768	2.649	11.6	20.5
1 6	3 56.04	+21 0.7	1.844	2.639	15.1	20.7

482336 2011 UT_{353} 11 30.7 283.°53 6.°0/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 0.56	+34 44.7	1.868	2.672	15.0	20.6
11 7	4 53.98	+36 0.4	1.787	2.667	12.0	20.4
11 17	4 44.29	+37 5.4	1.729	2.661	8.8	20.2
11 27	4 32.36	+37 53.7	1.698	2.656	6.4	20.1
12 7	4 19.58	+38 21.4	1.695	2.651	6.4	20.1
12 17	4 7.53	+38 28.6	1.719	2.646	8.9	20.2
12 27	3 57.73	+38 19.6	1.770	2.641	12.1	20.4
1 6	3 51.13	+38 1.2	1.843	2.635	15.2	20.6

130319 Danielpelham 11 30.7 280.°27 2.°5/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.77	+14 14.7	2.313	3.146	11.5	20.1
11 7	4 46.50	+14 5.0	2.222	3.130	8.7	19.9
11 17	4 39.35	+13 57.1	2.156	3.114	5.4	19.7
11 27	4 30.93	+13 52.5	2.118	3.097	2.7	19.5
12 7	4 22.09	+13 52.8	2.110	3.081	3.7	19.5
12 17	4 13.72	+13 59.1	2.131	3.065	7.0	19.7
12 27	4 6.68	+14 12.7	2.180	3.049	10.3	19.9
1 6	4 1.61	+14 33.8	2.253	3.032	13.2	20.0

346520 2008 UC_{169} 11 30.7 231.°78 0.°0/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.53	+21 28.4	1.833	2.668	14.0	21.4
11 7	4 50.49	+21 32.3	1.751	2.661	10.4	21.2
11 17	4 41.92	+21 32.7	1.693	2.654	6.3	20.9
11 27	4 31.66	+21 29.4	1.663	2.647	1.7	20.6
12 7	4 20.87	+21 23.3	1.661	2.640	3.0	20.7
12 17	4 10.83	+21 16.3	1.688	2.632	7.5	21.0
12 27	4 2.68	+21 11.4	1.742	2.624	11.6	21.2
1 6	3 57.19	+21 11.1	1.818	2.616	15.1	21.4

204017 2003 UM_{43} 11 30.7 227.°74 1.°6/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.71	+18 32.3	1.911	2.748	13.4	20.8
11 7	4 48.95	+18 10.6	1.832	2.743	10.0	20.6
11 17	4 40.90	+17 46.5	1.776	2.737	6.0	20.3
11 27	4 31.36	+17 21.7	1.747	2.731	2.1	20.0
12 7	4 21.42	+16 58.6	1.748	2.724	3.5	20.1
12 17	4 12.19	+16 39.7	1.778	2.718	7.6	20.4
12 27	4 4.72	+16 28.0	1.834	2.711	11.5	20.6
1 6	3 59.68	+16 25.0	1.914	2.704	14.8	20.8

385080 2012 UX_{112} 11 30.7 242.°03 0.°0/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.39	+23 1.5	1.797	2.632	14.2	21.4
11 7	4 50.46	+22 50.5	1.713	2.622	10.6	21.1
11 17	4 41.94	+22 33.5	1.651	2.612	6.4	20.9
11 27	4 31.68	+22 10.6	1.617	2.602	1.8	20.5
12 7	4 20.89	+21 43.6	1.612	2.591	3.0	20.6
12 17	4 10.86	+21 15.5	1.635	2.580	7.7	20.9
12 27	4 2.79	+20 50.5	1.685	2.569	11.9	21.1
1 6	3 57.43	+20 32.1	1.758	2.557	15.5	21.3

293106 2006 XN_{21} 11 30.7 180.°72 0.°3/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 58.05	+22 21.1	1.854	2.684	14.0	21.9
11 7	4 51.45	+22 3.2	1.778	2.686	10.4	21.7
11 17	4 42.40	+21 39.7	1.726	2.686	6.3	21.4
11 27	4 31.77	+21 11.2	1.702	2.687	1.7	21.1
12 7	4 20.78	+20 39.8	1.707	2.686	3.0	21.2
12 17	4 10.66	+20 8.8	1.742	2.685	7.5	21.5
12 27	4 2.50	+19 42.2	1.804	2.683	11.5	21.7
1 6	3 57.00	+19 23.0	1.889	2.681	14.9	22.0

367565 2009 SW_{101} 11 30.7 30.°31 3.°8/29.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 51.42	+12 49.0	1.718	2.565	14.2	20.7
11 7	4 46.47	+12 21.0	1.663	2.577	10.6	20.5
11 17	4 39.35	+11 56.6	1.631	2.588	6.8	20.3
11 27	4 30.92	+11 38.8	1.625	2.601	4.0	20.2
12 7	4 22.28	+11 30.1	1.646	2.614	5.1	20.3
12 17	4 14.51	+11 32.2	1.695	2.628	8.5	20.5
12 27	4 8.55	+11 45.8	1.769	2.642	12.0	20.8
1 6	4 4.98	+12 10.2	1.866	2.657	15.1	21.0

324824 2007 HE_{87} 11 30.7 77.°28 2.°6/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.13	+16 6.8	2.202	3.039	11.9	20.6
11 7	4 45.90	+15 22.8	2.134	3.044	8.8	20.5
11 17	4 38.89	+14 38.1	2.090	3.049	5.5	20.3
11 27	4 30.79	+13 55.4	2.075	3.055	2.7	20.1
12 7	4 22.49	+13 17.7	2.090	3.060	3.9	20.2
12 17	4 14.87	+12 47.8	2.134	3.066	7.1	20.4
12 27	4 8.72	+12 28.0	2.204	3.071	10.2	20.6
1 6	4 4.55	+12 18.9	2.299	3.076	13.0	20.8

68339 2001 KR_{24} 11 30.7 73.°50 1.°6/ 1.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 58.00	+28 15.6	1.790	2.615	14.7	19.1
11 7	4 51.19	+27 53.2	1.741	2.643	11.0	18.9
11 17	4 42.05	+27 20.1	1.715	2.671	6.8	18.7
11 27	4 31.62	+26 36.7	1.716	2.698	2.6	18.5
12 7	4 21.20	+25 46.0	1.746	2.725	3.0	18.6
12 17	4 11.98	+24 52.6	1.806	2.752	7.0	18.9
12 27	4 4.92	+24 1.8	1.893	2.778	10.7	19.2
1 6	4 0.53	+23 17.9	2.003	2.804	13.8	19.4

191368 2003 RQ_5 11 30.7 16.°89 6.°5/ 4.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.43	+40 35.1	1.613	2.418	17.0	18.7
11 7	4 49.36	+40 29.6	1.551	2.427	13.7	18.5
11 17	4 41.31	+40 1.4	1.509	2.436	10.3	18.3
11 27	4 31.48	+39 8.0	1.491	2.447	7.4	18.1
12 7	4 21.45	+37 51.1	1.499	2.458	6.7	18.1
12 17	4 12.77	+36 17.2	1.533	2.471	8.8	18.3
12 27	4 6.63	+34 35.7	1.594	2.484	12.0	18.5
1 6	4 3.65	+32 56.2	1.677	2.499	15.2	18.8

482962 2014 KS_{65} 11 30.7 304.°52 1.°0/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.63	+18 21.1	1.553	2.400	15.5	20.9
11 7	4 50.41	+18 39.7	1.463	2.379	11.6	20.6
11 17	4 42.22	+18 59.5	1.396	2.359	7.1	20.3
11 27	4 31.85	+19 20.2	1.354	2.338	2.1	19.9
12 7	4 20.60	+19 41.6	1.339	2.318	3.6	20.0
12 17	4 9.97	+20 4.3	1.352	2.299	8.8	20.3
12 27	4 1.41	+20 30.0	1.391	2.279	13.6	20.5
1 6	3 55.91	+21 0.1	1.450	2.260	17.7	20.7

469490 2002 TQ_{363} 11 30.7 91.°83 1.°3/30.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 0.17	+19 15.1	1.533	2.372	16.0	22.6
11 7	4 53.06	+19 2.8	1.484	2.396	11.8	22.4
11 17	4 43.29	+18 48.1	1.458	2.420	7.0	22.2
11 27	4 32.00	+18 32.1	1.459	2.443	2.2	21.9
12 7	4 20.60	+18 17.0	1.488	2.466	3.6	22.1
12 17	4 10.48	+18 5.5	1.546	2.488	8.3	22.4
12 27	4 2.71	+18 0.3	1.629	2.510	12.4	22.7
1 6	3 57.91	+18 3.2	1.734	2.531	15.8	23.0

190006 2004 LL_{11} 11 30.7 209.°19 2.°1/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 58.08	+15 42.8	1.859	2.691	13.9	20.8
11 7	4 51.53	+15 45.2	1.779	2.687	10.4	20.6
11 17	4 42.52	+15 49.1	1.722	2.681	6.4	20.3
11 27	4 31.86	+15 55.6	1.693	2.675	2.6	20.1
12 7	4 20.68	+16 5.4	1.694	2.669	3.8	20.1
12 17	4 10.22	+16 19.7	1.724	2.662	8.0	20.4
12 27	4 1.60	+16 39.6	1.781	2.654	11.9	20.6
1 6	3 55.58	+17 6.0	1.860	2.646	15.3	20.8

127263 2002 JJ_{49} 11 30.7 86.°12 0.°3/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.02	+24 53.5	2.352	3.174	11.7	19.3
11 7	4 47.84	+24 22.5	2.295	3.198	8.6	19.1
11 17	4 39.93	+23 45.0	2.263	3.222	5.1	18.9
11 27	4 31.07	+23 2.3	2.260	3.245	1.5	18.7
12 7	4 22.16	+22 16.8	2.289	3.268	2.3	18.8
12 17	4 14.07	+21 31.8	2.347	3.290	5.8	19.1
12 27	4 7.54	+20 50.6	2.434	3.312	8.9	19.3
1 6	4 3.04	+20 15.9	2.546	3.334	11.6	19.6

267614 2002 RM_{162} 11 30.7 59.°35 5.°8/ 3.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.56	+39 17.7	2.314	3.097	13.1	20.1
11 7	4 50.39	+39 58.2	2.240	3.101	10.7	20.0
11 17	4 41.81	+40 24.7	2.188	3.105	8.1	19.8
11 27	4 31.66	+40 33.6	2.163	3.109	6.2	19.7
12 7	4 21.08	+40 23.7	2.166	3.113	6.0	19.7
12 17	4 11.30	+39 56.9	2.197	3.117	7.6	19.8
12 27	4 3.39	+39 17.7	2.254	3.121	10.0	20.0
1 6	3 58.06	+38 32.1	2.336	3.125	12.5	20.2

121958 2000 EP_{58} 11 30.7 145.°35 1.°5/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 57.47	+18 39.8	1.869	2.702	13.8	20.2
11 7	4 50.87	+18 20.3	1.803	2.712	10.2	20.0
11 17	4 41.98	+17 58.7	1.760	2.721	6.1	19.8
11 27	4 31.68	+17 36.4	1.745	2.729	2.1	19.5
12 7	4 21.11	+17 15.6	1.760	2.736	3.4	19.6
12 17	4 11.43	+16 58.9	1.804	2.743	7.6	19.9
12 27	4 3.65	+16 48.7	1.875	2.750	11.4	20.2
1 6	3 58.39	+16 46.9	1.969	2.756	14.5	20.4

426093 2012 DQ_{83} 11 30.7 124.°45 4.°8/29.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.06	+11 37.3	1.524	2.365	16.0	20.9
11 7	4 51.60	+10 59.9	1.466	2.375	12.1	20.6
11 17	4 42.52	+10 27.0	1.431	2.386	8.0	20.4
11 27	4 31.83	+10 2.6	1.422	2.396	4.9	20.3
12 7	4 20.87	+ 9 50.1	1.440	2.405	6.2	20.4
12 17	4 10.99	+ 9 51.4	1.486	2.414	9.9	20.6
12 27	4 3.32	+10 7.3	1.557	2.423	13.8	20.9
1 6	3 58.51	+10 36.4	1.648	2.431	17.1	21.1

517245 2014 DA_{29} 11 30.7 323.°54 2.°5/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.11	+17 48.2	1.295	2.156	17.1	21.5
11 7	4 48.77	+17 24.0	1.219	2.142	12.8	21.2
11 17	4 41.28	+16 57.8	1.163	2.128	7.9	20.9
11 27	4 31.59	+16 32.1	1.131	2.115	3.0	20.6
12 7	4 21.16	+16 10.5	1.125	2.102	4.8	20.7
12 17	4 11.64	+15 56.8	1.145	2.090	10.1	20.9
12 27	4 4.52	+15 54.2	1.187	2.079	15.1	21.2
1 6	4 0.71	+16 4.4	1.249	2.069	19.4	21.4

402313 2005 TH_{118} 11 30.7 65.°71 0.°7/30.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.13	+24 23.9	1.932	2.765	13.4	21.8
11 7	4 48.48	+24 19.3	1.864	2.773	10.0	21.6
11 17	4 40.58	+24 8.4	1.820	2.780	6.0	21.4
11 27	4 31.30	+23 51.4	1.804	2.788	1.9	21.1
12 7	4 21.74	+23 29.7	1.816	2.795	2.7	21.2
12 17	4 13.02	+23 6.0	1.857	2.803	6.8	21.5
12 27	4 6.12	+22 43.8	1.925	2.811	10.5	21.7
1 6	4 1.65	+22 26.2	2.017	2.818	13.7	22.0

407954 2012 DQ_{9} 11 30.7 214.°97 1.°2/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.47	+18 42.7	2.507	3.335	10.9	22.1
11 7	4 46.84	+18 25.9	2.422	3.329	8.1	21.9
11 17	4 39.48	+18 7.2	2.363	3.323	4.9	21.7
11 27	4 31.00	+17 47.8	2.333	3.316	1.7	21.5
12 7	4 22.22	+17 29.3	2.333	3.309	2.7	21.5
12 17	4 13.96	+17 13.7	2.364	3.302	6.1	21.7
12 27	4 7.01	+17 2.8	2.422	3.294	9.2	21.9
1 6	4 1.94	+16 58.3	2.506	3.286	12.0	22.1

167426 2003 WQ_{154} 11 30.7 62.°87 5.°1/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.89	+12 24.2	1.554	2.400	15.5	20.1
11 7	4 48.99	+11 8.0	1.511	2.423	11.6	19.9
11 17	4 40.79	+ 9 55.2	1.492	2.446	7.7	19.8
11 27	4 31.32	+ 8 51.7	1.498	2.470	5.2	19.7
12 7	4 21.82	+ 8 2.6	1.533	2.493	6.5	19.8
12 17	4 13.47	+ 7 31.1	1.594	2.516	9.9	20.1
12 27	4 7.19	+ 7 18.6	1.680	2.539	13.3	20.3
1 6	4 3.50	+ 7 23.5	1.787	2.563	16.2	20.6

365731 2010 VB_{212} 11 30.7 43.°86 0.°3/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.54	+23 37.1	1.872	2.709	13.7	21.2
11 7	4 48.10	+23 28.1	1.804	2.714	10.1	21.0
11 17	4 40.38	+23 13.1	1.759	2.720	6.1	20.8
11 27	4 31.26	+22 52.7	1.742	2.726	1.7	20.5
12 7	4 21.84	+22 28.6	1.753	2.733	2.8	20.6
12 17	4 13.26	+22 3.6	1.793	2.739	7.0	20.9
12 27	4 6.52	+21 41.2	1.860	2.746	10.8	21.1
1 6	4 2.26	+21 24.5	1.950	2.753	14.1	21.3

293443 2007 EX_{166} 11 30.7 192.°67 3.°4/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.05	+12 51.2	2.380	3.212	11.3	20.9
11 7	4 45.77	+12 4.5	2.305	3.211	8.5	20.7
11 17	4 38.81	+11 19.0	2.256	3.210	5.6	20.5
11 27	4 30.81	+10 37.9	2.236	3.209	3.5	20.4
12 7	4 22.58	+10 3.9	2.245	3.208	4.5	20.5
12 17	4 14.92	+ 9 39.7	2.284	3.206	7.3	20.7
12 27	4 8.59	+ 9 26.8	2.349	3.204	10.2	20.8
1 6	4 4.11	+ 9 25.4	2.438	3.202	12.7	21.0

367402 2008 PO_{21} 11 30.7 105.°76 0.°2/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.63	+24 15.3	2.343	3.170	11.6	20.5
11 7	4 46.97	+23 47.4	2.273	3.179	8.6	20.3
11 17	4 39.51	+23 13.3	2.228	3.188	5.1	20.1
11 27	4 30.99	+22 34.2	2.212	3.197	1.4	19.8
12 7	4 22.30	+21 52.3	2.226	3.206	2.3	19.9
12 17	4 14.32	+21 10.5	2.271	3.214	5.9	20.2
12 27	4 7.85	+20 32.4	2.343	3.223	9.2	20.4
1 6	4 3.39	+20 0.6	2.440	3.231	11.9	20.6

290404 2005 TO_{36} 11 30.7 115.°00 2.°1/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.28	+28 17.5	2.226	3.042	12.5	21.5
11 7	4 49.84	+28 30.9	2.159	3.055	9.4	21.3
11 17	4 41.32	+28 36.4	2.116	3.068	6.0	21.1
11 27	4 31.50	+28 32.6	2.102	3.081	2.8	20.9
12 7	4 21.44	+28 20.1	2.117	3.093	3.0	21.0
12 17	4 12.18	+28 0.9	2.162	3.105	6.3	21.2
12 27	4 4.63	+27 38.6	2.236	3.117	9.5	21.4
1 6	3 59.40	+27 16.9	2.334	3.128	12.3	21.7

292077 2006 RC_{24} 11 30.7 14.°88 1.°9/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.66	+16 29.0	1.152	2.014	18.6	19.8
11 7	4 51.53	+16 48.5	1.093	2.016	13.9	19.5
11 17	4 42.95	+17 11.4	1.054	2.019	8.5	19.2
11 27	4 32.05	+17 37.6	1.039	2.023	2.9	18.9
12 7	4 20.56	+18 7.1	1.049	2.028	4.5	19.0
12 17	4 10.29	+18 39.9	1.084	2.033	10.1	19.4
12 27	4 2.81	+19 17.0	1.143	2.039	15.2	19.7
1 6	3 58.97	+19 59.0	1.220	2.046	19.4	20.0

230273 2001 XU_{57} 11 30.7 341.°82 2.°6/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.48	+17 6.5	1.251	2.115	17.3	20.1
11 7	4 48.32	+16 48.4	1.181	2.106	13.0	19.8
11 17	4 41.00	+16 29.9	1.132	2.097	8.0	19.5
11 27	4 31.53	+16 13.5	1.106	2.089	3.2	19.2
12 7	4 21.40	+16 2.4	1.106	2.083	4.9	19.3
12 17	4 12.26	+15 59.5	1.130	2.077	10.1	19.6
12 27	4 5.56	+16 7.3	1.178	2.072	15.1	19.9
1 6	4 2.19	+16 26.8	1.245	2.068	19.3	20.1

234817 2002 QT_{132} 11 30.7 161.°57 5.°3/ 3.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.23	+40 28.8	2.623	3.394	12.0	20.3
11 7	4 49.86	+40 47.2	2.543	3.397	9.8	20.1
11 17	4 41.37	+40 51.4	2.487	3.399	7.5	20.0
11 27	4 31.54	+40 38.8	2.457	3.401	5.7	19.9
12 7	4 21.43	+40 9.1	2.457	3.404	5.4	19.9
12 17	4 12.07	+39 24.5	2.485	3.405	6.9	19.9
12 27	4 4.41	+38 29.7	2.541	3.407	9.1	20.1
1 6	3 59.06	+37 30.2	2.622	3.408	11.3	20.3

269462 2009 SE_{346} 11 30.7 2.°41 0.°3/30.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.14	+22 23.2	1.695	2.542	14.4	21.1
11 7	4 46.57	+22 4.3	1.625	2.541	10.6	20.9
11 17	4 39.59	+21 39.8	1.578	2.541	6.4	20.6
11 27	4 31.08	+21 10.9	1.557	2.542	1.7	20.3
12 7	4 22.22	+20 40.1	1.563	2.543	3.0	20.4
12 17	4 14.20	+20 10.7	1.598	2.545	7.6	20.7
12 27	4 8.09	+19 46.6	1.658	2.548	11.7	20.9
1 6	4 4.57	+19 30.6	1.740	2.551	15.1	21.2

331368 2012 DJ_{44} 11 30.7 153.°39 4.°1/ 2.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.64	+36 30.1	2.940	3.719	10.7	21.8
11 7	4 49.92	+37 2.7	2.863	3.727	8.5	21.6
11 17	4 41.32	+37 25.0	2.811	3.735	6.2	21.5
11 27	4 31.54	+37 34.5	2.787	3.742	4.4	21.4
12 7	4 21.45	+37 30.7	2.794	3.748	4.3	21.4
12 17	4 11.95	+37 14.9	2.830	3.754	6.0	21.5
12 27	4 3.89	+36 50.0	2.896	3.760	8.2	21.7
1 6	3 57.84	+36 20.4	2.987	3.765	10.3	21.8

45779 2000 OR_{6} 11 30.7 179.°23 0.°5/30.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.87	+21 54.2	1.966	2.796	13.4	19.5
11 7	4 50.47	+21 30.5	1.890	2.797	9.9	19.3
11 17	4 41.79	+21 1.5	1.838	2.798	5.9	19.0
11 27	4 31.68	+20 28.2	1.814	2.799	1.6	18.7
12 7	4 21.24	+19 53.1	1.820	2.799	2.9	18.8
12 17	4 11.62	+19 19.3	1.856	2.798	7.2	19.1
12 27	4 3.81	+18 50.6	1.919	2.797	11.0	19.3
1 6	3 58.48	+18 29.8	2.005	2.795	14.2	19.5

83777 2001 TE_{179} 11 30.7 183.°03 2.°5/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.71	+30 5.0	2.198	3.013	12.7	20.1
11 7	4 49.59	+30 8.7	2.119	3.013	9.7	19.9
11 17	4 41.26	+30 2.6	2.063	3.013	6.3	19.7
11 27	4 31.54	+29 45.5	2.035	3.013	3.2	19.5
12 7	4 21.47	+29 18.1	2.037	3.012	3.3	19.5
12 17	4 12.15	+28 43.0	2.069	3.011	6.5	19.7
12 27	4 4.56	+28 4.6	2.128	3.010	9.8	19.9
1 6	3 59.34	+27 27.3	2.211	3.009	12.8	20.1

220014 2002 PG_{137} 11 30.7 58.°04 4.°9/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.25	+12 9.0	1.212	2.067	18.4	20.3
11 7	4 52.00	+11 37.2	1.174	2.091	13.8	20.1
11 17	4 42.79	+11 11.6	1.157	2.116	8.9	19.9
11 27	4 31.93	+10 56.2	1.164	2.140	5.2	19.8
12 7	4 21.02	+10 53.7	1.197	2.165	6.4	20.0
12 17	4 11.58	+11 5.7	1.255	2.191	10.6	20.3
12 27	4 4.78	+11 31.7	1.337	2.216	14.8	20.6
1 6	4 1.21	+12 9.7	1.439	2.241	18.2	20.9

359572 2010 TZ_{152} 11 30.7 168.°93 2.°5/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.26	+15 10.8	2.295	3.126	11.7	21.7
11 7	4 47.47	+14 44.8	2.222	3.129	8.7	21.5
11 17	4 39.87	+14 19.3	2.174	3.131	5.4	21.3
11 27	4 31.15	+13 56.2	2.154	3.133	2.7	21.1
12 7	4 22.18	+13 37.7	2.164	3.135	3.7	21.2
12 17	4 13.84	+13 25.7	2.205	3.136	6.9	21.4
12 27	4 6.93	+13 21.9	2.272	3.137	10.0	21.6
1 6	4 2.01	+13 26.8	2.364	3.138	12.8	21.8

390770 2003 UZ_{126} 11 30.7 230.°64 3.°0/29.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.90	+16 23.9	1.935	2.773	13.2	21.2
11 7	4 48.28	+15 26.0	1.856	2.767	9.9	21.0
11 17	4 40.51	+14 25.7	1.801	2.760	6.2	20.8
11 27	4 31.35	+13 26.4	1.775	2.754	3.2	20.6
12 7	4 21.85	+12 32.7	1.778	2.747	4.6	20.6
12 17	4 13.07	+11 48.4	1.809	2.740	8.2	20.8
12 27	4 5.99	+11 17.0	1.867	2.732	11.9	21.1
1 6	4 1.24	+10 59.6	1.947	2.725	15.0	21.3

387748 2003 ON_{18} 11 30.7 84.°09 6.°1/ 3.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 1.16	+39 37.0	1.711	2.506	16.6	20.2
11 7	4 54.13	+39 36.1	1.650	2.521	13.3	20.1
11 17	4 44.09	+39 14.2	1.609	2.536	9.8	19.9
11 27	4 32.30	+38 28.2	1.594	2.551	6.8	19.8
12 7	4 20.38	+37 19.6	1.606	2.566	6.3	19.8
12 17	4 9.89	+35 54.4	1.646	2.580	8.6	19.9
12 27	4 2.06	+34 21.7	1.712	2.595	11.8	20.2
1 6	3 57.48	+32 50.7	1.802	2.609	14.9	20.4

434501 2005 SG_{75} 11 30.7 93.°00 3.°8/ 1.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 1.19	+30 35.5	1.564	2.388	16.5	21.3
11 7	4 54.26	+31 3.7	1.506	2.404	12.6	21.1
11 17	4 44.28	+31 19.5	1.470	2.420	8.4	20.9
11 27	4 32.39	+31 19.8	1.460	2.435	4.5	20.7
12 7	4 20.18	+31 4.4	1.478	2.451	4.6	20.8
12 17	4 9.24	+30 36.7	1.523	2.466	8.3	21.1
12 27	4 0.89	+30 2.8	1.594	2.481	12.3	21.3
1 6	3 55.83	+29 29.2	1.688	2.495	15.7	21.6

381056 2006 WC_{170} 11 30.7 60.°09 0.°0/30.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 58.87	+24 13.4	1.238	2.089	18.3	20.9
11 7	4 52.61	+23 38.1	1.194	2.112	13.5	20.7
11 17	4 43.21	+22 53.4	1.171	2.134	8.0	20.5
11 27	4 32.05	+22 1.3	1.173	2.157	2.2	20.2
12 7	4 20.86	+21 6.7	1.201	2.180	3.6	20.3
12 17	4 11.25	+20 15.5	1.255	2.204	9.0	20.7
12 27	4 4.44	+19 33.6	1.334	2.227	13.7	21.1
1 6	4 0.99	+19 4.5	1.433	2.250	17.5	21.4

140325 2001 SC_{339} 11 30.7 48.°51 3.°9/ 2.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.29	+33 49.7	1.735	2.553	15.4	19.2
11 7	4 50.43	+33 40.2	1.669	2.562	11.9	19.0
11 17	4 41.88	+33 14.9	1.625	2.571	8.1	18.8
11 27	4 31.72	+32 32.4	1.607	2.580	4.7	18.6
12 7	4 21.32	+31 34.6	1.617	2.590	4.4	18.6
12 17	4 12.06	+30 26.7	1.655	2.599	7.7	18.8
12 27	4 5.06	+29 15.8	1.720	2.609	11.4	19.1
1 6	4 0.96	+28 8.7	1.807	2.619	14.6	19.3

520690 2014 QU_{461} 11 30.7 88.°50 3.°9/29.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.40	+ 9 36.6	2.234	3.063	12.0	20.5
11 7	4 46.84	+ 9 22.9	2.168	3.069	9.1	20.3
11 17	4 39.51	+ 9 14.5	2.126	3.076	6.2	20.2
11 27	4 31.08	+ 9 13.7	2.113	3.083	4.1	20.0
12 7	4 22.41	+ 9 21.9	2.128	3.089	4.8	20.1
12 17	4 14.38	+ 9 39.8	2.173	3.096	7.6	20.3
12 27	4 7.77	+10 7.4	2.245	3.103	10.5	20.5
1 6	4 3.13	+10 43.8	2.340	3.109	13.0	20.7

189256 2004 UV_4 11 30.7 70.°44 7.°3/ 5.5 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 2.48	+46 38.4	2.144	2.892	15.1	19.5
11 7	4 54.66	+46 39.3	2.087	2.917	12.6	19.4
11 17	4 44.20	+46 17.9	2.051	2.941	10.1	19.3
11 27	4 32.31	+45 31.0	2.041	2.966	8.0	19.2
12 7	4 20.51	+44 19.8	2.058	2.991	7.4	19.2
12 17	4 10.15	+42 49.3	2.104	3.015	8.5	19.3
12 27	4 2.30	+41 7.7	2.177	3.039	10.5	19.5
1 6	3 57.45	+39 23.9	2.275	3.063	12.8	19.7

38418 1999 RW_{218} 11 30.7 93.°44 1.°1/30.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.02	+19 38.6	1.696	2.537	14.7	19.1
11 7	4 50.06	+19 24.8	1.632	2.545	10.9	18.9
11 17	4 41.64	+19 8.1	1.592	2.554	6.5	18.6
11 27	4 31.69	+18 50.0	1.578	2.562	2.0	18.4
12 7	4 21.44	+18 32.3	1.593	2.571	3.4	18.5
12 17	4 12.15	+18 17.8	1.636	2.579	7.8	18.8
12 27	4 4.88	+18 9.4	1.705	2.588	11.9	19.0
1 6	4 0.29	+18 8.7	1.797	2.596	15.2	19.3

166344 2002 JL_{139} 11 30.7 145.°13 1.°4/ 1.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.96	+27 23.1	1.984	2.807	13.6	20.6
11 7	4 50.55	+27 5.8	1.912	2.814	10.2	20.4
11 17	4 41.85	+26 39.0	1.864	2.820	6.3	20.2
11 27	4 31.74	+26 2.7	1.844	2.827	2.3	19.9
12 7	4 21.37	+25 19.1	1.854	2.833	2.8	20.0
12 17	4 11.91	+24 31.8	1.893	2.838	6.8	20.3
12 27	4 4.36	+23 45.6	1.960	2.843	10.5	20.5
1 6	3 59.33	+23 5.0	2.051	2.848	13.7	20.7

419373 2009 XO_{14} 11 30.7 231.°21 6.°7/28.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.02	− 0 54.2	2.452	3.254	11.9	20.3
11 7	4 46.44	− 1 12.1	2.383	3.254	9.8	20.2
11 17	4 39.23	− 1 18.1	2.338	3.253	7.8	20.1
11 27	4 31.01	− 1 9.0	2.320	3.253	6.7	20.0
12 7	4 22.55	− 0 43.5	2.330	3.252	7.3	20.0
12 17	4 14.63	− 0 1.4	2.369	3.251	9.0	20.1
12 27	4 7.97	+ 0 55.5	2.434	3.251	11.2	20.3
1 6	4 3.09	+ 2 4.5	2.521	3.250	13.2	20.4

278577 2008 HG_{40} 11 30.7 115.°62 0.°5/30.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.74	+23 48.3	1.695	2.527	15.1	21.9
11 7	4 52.78	+23 41.7	1.636	2.543	11.2	21.7
11 17	4 43.22	+23 28.3	1.600	2.559	6.7	21.5
11 27	4 32.11	+23 8.3	1.591	2.575	2.0	21.2
12 7	4 20.79	+22 43.4	1.610	2.590	3.0	21.3
12 17	4 10.57	+22 17.0	1.659	2.604	7.6	21.6
12 27	4 2.58	+21 53.2	1.735	2.618	11.6	21.9
1 6	3 57.44	+21 35.4	1.833	2.631	15.0	22.2

13358 Revelle 11 30.7 287.°60 5.°8/28.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.10	+ 9 43.6	1.801	2.641	13.9	17.0
11 7	4 47.12	+ 8 28.1	1.723	2.629	10.8	16.8
11 17	4 39.91	+ 7 15.2	1.669	2.617	7.7	16.5
11 27	4 31.25	+ 6 10.7	1.642	2.605	5.9	16.4
12 7	4 22.16	+ 5 20.1	1.642	2.594	7.1	16.5
12 17	4 13.76	+ 4 47.5	1.670	2.582	10.2	16.6
12 27	4 7.06	+ 4 34.7	1.722	2.570	13.6	16.8
1 6	4 2.72	+ 4 41.0	1.794	2.558	16.6	17.0

86282 1999 UU_{15} 11 30.7 62.°71 3.°8/29.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.66	+12 55.9	2.015	2.853	12.8	19.3
11 7	4 46.43	+12 8.7	1.953	2.862	9.6	19.1
11 17	4 39.30	+11 23.5	1.916	2.871	6.2	18.9
11 27	4 31.03	+10 43.8	1.907	2.881	3.9	18.8
12 7	4 22.58	+10 12.9	1.926	2.890	4.9	18.8
12 17	4 14.87	+ 9 53.2	1.974	2.900	8.0	19.1
12 27	4 8.74	+ 9 46.2	2.048	2.909	11.2	19.3
1 6	4 4.71	+ 9 51.7	2.144	2.919	13.9	19.5

41258 1999 XB_{47} 11 30.7 1.°85 0.°6/ 1.0 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.48	+25 33.0	1.959	2.793	13.3	18.9
11 7	4 47.32	+25 6.8	1.884	2.793	9.9	18.6
11 17	4 39.96	+24 32.3	1.833	2.793	6.0	18.4
11 27	4 31.24	+23 50.3	1.809	2.793	1.8	18.1
12 7	4 22.22	+23 3.6	1.814	2.793	2.7	18.2
12 17	4 13.99	+22 15.7	1.847	2.794	6.8	18.5
12 27	4 7.53	+21 31.3	1.908	2.795	10.6	18.7
1 6	4 3.43	+20 54.0	1.992	2.796	13.8	18.9

490923 2011 CR_{51} 11 30.7 218.°03 4.°5/ 2.8 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.25	+36 30.3	2.407	3.199	12.4	21.3
11 7	4 49.28	+36 47.0	2.324	3.197	9.9	21.1
11 17	4 41.12	+36 51.1	2.265	3.195	7.2	20.9
11 27	4 31.57	+36 40.1	2.234	3.193	4.9	20.8
12 7	4 21.65	+36 13.9	2.231	3.191	4.7	20.8
12 17	4 12.45	+35 34.9	2.257	3.189	6.8	20.9
12 27	4 4.95	+34 47.3	2.311	3.187	9.5	21.1
1 6	3 59.80	+33 56.8	2.390	3.184	12.0	21.2

213401 2001 VS_{56} 11 30.7 72.°59 4.°2/ 2.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.04	+33 10.1	1.872	2.682	14.7	20.0
11 7	4 52.24	+33 35.1	1.818	2.706	11.4	19.9
11 17	4 42.89	+33 47.0	1.787	2.729	7.8	19.7
11 27	4 32.03	+33 43.2	1.783	2.753	4.8	19.6
12 7	4 20.98	+33 24.0	1.808	2.776	4.6	19.6
12 17	4 11.07	+32 52.6	1.861	2.799	7.4	19.8
12 27	4 3.37	+32 14.4	1.940	2.822	10.7	20.1
1 6	3 58.49	+31 35.2	2.043	2.845	13.6	20.3

380526 2004 GN_4 11 30.7 261.°73 0.°5/30.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.70	+23 6.4	1.619	2.457	15.4	21.7
11 7	4 51.85	+23 10.6	1.532	2.443	11.6	21.5
11 17	4 43.05	+23 9.4	1.468	2.429	7.1	21.2
11 27	4 32.18	+23 2.0	1.430	2.415	2.1	20.8
12 7	4 20.57	+22 49.3	1.420	2.400	3.3	20.9
12 17	4 9.74	+22 33.6	1.439	2.385	8.3	21.2
12 27	4 1.06	+22 19.1	1.482	2.370	13.0	21.4
1 6	3 55.44	+22 9.6	1.548	2.355	16.9	21.6

419947 2011 BJ_{84} 11 30.7 175.°20 7.°2/ 4.3 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.24	+45 43.4	2.531	3.277	13.1	21.2
11 7	4 52.46	+46 23.9	2.452	3.278	11.1	21.0
11 17	4 43.13	+46 47.6	2.395	3.278	9.1	20.9
11 27	4 32.14	+46 50.2	2.364	3.279	7.6	20.8
12 7	4 20.71	+46 30.2	2.359	3.279	7.3	20.8
12 17	4 10.12	+45 49.4	2.383	3.280	8.3	20.8
12 27	4 1.53	+44 52.8	2.433	3.280	10.1	21.0
1 6	3 55.66	+43 47.4	2.506	3.279	12.2	21.1

245949 2006 SG_{21} 11 30.7 59.°51 3.°7/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.33	+13 17.1	1.796	2.638	13.9	20.5
11 7	4 47.94	+12 42.5	1.730	2.642	10.5	20.3
11 17	4 40.33	+12 10.1	1.688	2.646	6.7	20.1
11 27	4 31.35	+11 43.2	1.673	2.650	3.9	19.9
12 7	4 22.08	+11 24.9	1.686	2.654	5.0	20.0
12 17	4 13.61	+11 17.3	1.727	2.658	8.5	20.2
12 27	4 6.92	+11 21.8	1.794	2.662	12.1	20.4
1 6	4 2.64	+11 38.1	1.882	2.666	15.2	20.6

84854 2003 AX_{44} 11 30.7 73.°51 1.°5/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.68	+25 23.5	1.424	2.263	17.1	19.2
11 7	4 53.78	+25 31.6	1.377	2.287	12.7	19.0
11 17	4 43.92	+25 31.1	1.351	2.311	7.7	18.8
11 27	4 32.31	+25 21.1	1.351	2.335	2.7	18.6
12 7	4 20.58	+25 2.8	1.379	2.358	3.4	18.7
12 17	4 10.25	+24 40.0	1.434	2.382	8.2	19.0
12 27	4 2.55	+24 17.7	1.515	2.405	12.6	19.4
1 6	3 58.10	+24 0.2	1.618	2.428	16.1	19.6

333550 2005 UJ_{108} 11 30.7 73.°13 0.°6/30.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.69	+20 34.0	1.443	2.286	16.6	21.2
11 7	4 52.92	+20 33.4	1.396	2.310	12.2	21.0
11 17	4 43.35	+20 29.4	1.372	2.334	7.3	20.8
11 27	4 32.16	+20 22.3	1.373	2.358	2.0	20.5
12 7	4 20.84	+20 13.7	1.403	2.382	3.4	20.7
12 17	4 10.84	+20 6.2	1.460	2.405	8.3	21.0
12 27	4 3.32	+20 2.9	1.542	2.429	12.6	21.3
1 6	3 58.88	+20 6.1	1.646	2.452	16.1	21.6

53075 1998 XQ_{66} 11 30.7 293.°50 5.°2/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.90	+32 0.4	1.510	2.337	16.9	18.8
11 7	4 53.39	+32 50.5	1.421	2.319	13.3	18.6
11 17	4 44.32	+33 29.8	1.353	2.300	9.3	18.3
11 27	4 32.61	+33 52.7	1.310	2.281	5.8	18.0
12 7	4 19.80	+33 55.9	1.293	2.262	5.9	18.0
12 17	4 7.76	+33 40.4	1.303	2.244	9.7	18.2
12 27	3 58.27	+33 11.9	1.337	2.225	14.0	18.4
1 6	3 52.45	+32 38.4	1.392	2.207	18.0	18.6

91346 1999 JR_{37} 11 30.7 251.°89 1.°1/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.12	+25 9.9	1.837	2.667	14.2	19.8
11 7	4 51.13	+25 10.3	1.747	2.653	10.7	19.5
11 17	4 42.49	+25 3.5	1.680	2.639	6.6	19.2
11 27	4 32.01	+24 48.8	1.641	2.624	2.2	18.9
12 7	4 20.92	+24 26.9	1.630	2.609	3.0	19.0
12 17	4 10.53	+24 0.5	1.648	2.594	7.6	19.2
12 27	4 2.08	+23 33.9	1.693	2.578	11.8	19.4
1 6	3 56.38	+23 11.4	1.761	2.562	15.4	19.6

234794 2002 QX_{53} 11 30.7 149.°82 4.°6/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.90	+ 7 36.3	2.380	3.206	11.5	20.2
11 7	4 45.69	+ 7 7.3	2.310	3.207	8.9	20.0
11 17	4 38.82	+ 6 44.2	2.265	3.208	6.3	19.9
11 27	4 30.93	+ 6 29.8	2.247	3.209	4.7	19.8
12 7	4 22.80	+ 6 26.2	2.259	3.210	5.4	19.8
12 17	4 15.22	+ 6 34.5	2.299	3.211	7.8	20.0
12 27	4 8.94	+ 6 54.8	2.366	3.212	10.4	20.2
1 6	4 4.47	+ 7 26.1	2.456	3.213	12.8	20.3

171512 1998 RP_{20} 11 30.7 73.°59 0.°1/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.72	+25 15.4	1.730	2.564	14.7	19.8
11 7	4 50.37	+24 29.7	1.676	2.585	10.9	19.6
11 17	4 41.68	+23 34.8	1.646	2.606	6.5	19.4
11 27	4 31.69	+22 33.0	1.643	2.627	1.8	19.1
12 7	4 21.65	+21 28.4	1.669	2.648	2.9	19.2
12 17	4 12.76	+20 26.2	1.724	2.669	7.3	19.5
12 27	4 5.98	+19 31.5	1.806	2.690	11.2	19.8
1 6	4 1.83	+18 47.8	1.911	2.710	14.5	20.1

281414 2008 RE_{109} 11 30.7 136.°04 2.°6/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.95	+16 52.3	1.705	2.546	14.6	21.3
11 7	4 50.00	+16 19.1	1.638	2.551	10.8	21.1
11 17	4 41.62	+15 44.9	1.595	2.556	6.7	20.9
11 27	4 31.72	+15 12.2	1.579	2.561	2.9	20.6
12 7	4 21.52	+14 44.2	1.592	2.565	4.3	20.7
12 17	4 12.23	+14 24.0	1.632	2.569	8.4	21.0
12 27	4 4.92	+14 14.0	1.698	2.573	12.3	21.2
1 6	4 0.24	+14 15.3	1.787	2.577	15.7	21.5

394095 2006 BX_{66} 11 30.7 294.°58 0.°4/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.38	+21 14.6	1.557	2.403	15.5	21.4
11 7	4 50.26	+21 10.1	1.467	2.382	11.7	21.1
11 17	4 42.18	+21 1.5	1.398	2.361	7.1	20.8
11 27	4 31.98	+20 48.9	1.355	2.340	2.0	20.4
12 7	4 20.96	+20 33.7	1.340	2.319	3.5	20.5
12 17	4 10.62	+20 18.8	1.352	2.299	8.7	20.8
12 27	4 2.40	+20 8.0	1.389	2.278	13.5	21.0
1 6	3 57.24	+20 4.5	1.447	2.258	17.7	21.2

33929 Lisaprato 11 30.7 144.°15 0.°8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.24	+20 41.9	1.927	2.758	13.6	19.1
11 7	4 50.72	+20 21.8	1.859	2.767	10.0	18.9
11 17	4 41.96	+19 57.7	1.815	2.776	6.0	18.7
11 27	4 31.81	+19 30.8	1.800	2.784	1.7	18.4
12 7	4 21.41	+19 3.3	1.814	2.792	3.0	18.5
12 17	4 11.88	+18 38.2	1.858	2.799	7.2	18.8
12 27	4 4.22	+18 18.6	1.929	2.806	11.0	19.1
1 6	3 59.03	+18 6.6	2.023	2.812	14.1	19.3

43831 1993 FP_{29} 11 30.7 228.°64 5.°0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.52	+10 45.9	1.976	2.811	13.1	17.9
11 7	4 47.97	+ 9 36.8	1.899	2.804	10.1	17.7
11 17	4 40.35	+ 8 29.5	1.847	2.796	7.0	17.5
11 27	4 31.39	+ 7 29.1	1.822	2.789	5.1	17.4
12 7	4 22.10	+ 6 40.1	1.826	2.781	6.2	17.4
12 17	4 13.47	+ 6 6.3	1.859	2.772	9.2	17.6
12 27	4 6.45	+ 5 49.5	1.917	2.764	12.5	17.8
1 6	4 1.66	+ 5 49.5	1.996	2.755	15.3	17.9

513608 2011 GV_{55} 11 30.7 288.°28 3.°0/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.05	+14 49.7	1.510	2.357	15.8	21.5
11 7	4 50.55	+14 39.3	1.435	2.350	11.9	21.3
11 17	4 42.22	+14 31.3	1.382	2.342	7.4	21.0
11 27	4 31.97	+14 27.7	1.354	2.335	3.5	20.7
12 7	4 21.11	+14 30.7	1.354	2.327	4.8	20.8
12 17	4 11.10	+14 41.8	1.380	2.320	9.3	21.0
12 27	4 3.22	+15 2.4	1.432	2.313	13.8	21.3
1 6	3 58.32	+15 32.7	1.504	2.306	17.6	21.5

398062 2009 HF_{47} 11 30.7 121.°29 4.°9/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.35	+ 8 37.1	2.243	3.069	12.1	21.6
11 7	4 47.43	+ 7 39.9	2.186	3.084	9.3	21.5
11 17	4 39.82	+ 6 47.6	2.155	3.098	6.5	21.3
11 27	4 31.21	+ 6 4.1	2.151	3.112	4.9	21.2
12 7	4 22.48	+ 5 32.5	2.177	3.126	5.8	21.3
12 17	4 14.46	+ 5 15.0	2.232	3.139	8.3	21.5
12 27	4 7.90	+ 5 12.1	2.313	3.152	10.9	21.7
1 6	4 3.29	+ 5 22.9	2.417	3.164	13.3	21.9

209805 2005 GU_{60} 11 30.7 130.°45 2.°6/29.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.58	+15 43.2	2.384	3.210	11.5	21.1
11 7	4 48.26	+14 50.7	2.322	3.226	8.5	21.0
11 17	4 40.28	+13 57.5	2.286	3.242	5.3	20.8
11 27	4 31.34	+13 6.6	2.279	3.257	2.8	20.6
12 7	4 22.29	+12 21.0	2.303	3.271	3.8	20.7
12 17	4 13.98	+11 43.7	2.358	3.285	6.8	21.0
12 27	4 7.11	+11 16.8	2.441	3.298	9.7	21.2
1 6	4 2.18	+11 1.0	2.548	3.310	12.3	21.4

326087 2011 BM_{60} 11 30.7 306.°08 8.°3/27.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.22	− 1 54.0	2.185	2.993	13.0	20.3
11 7	4 45.34	− 2 54.6	2.118	2.988	10.8	20.2
11 17	4 38.70	− 3 42.9	2.075	2.983	9.0	20.1
11 27	4 30.94	− 4 13.7	2.058	2.978	8.3	20.0
12 7	4 22.90	− 4 23.6	2.067	2.973	9.0	20.0
12 17	4 15.44	− 4 11.3	2.103	2.968	10.8	20.2
12 27	4 9.34	− 3 37.8	2.162	2.963	12.9	20.3
1 6	4 5.15	− 2 46.4	2.241	2.958	15.0	20.4

223435 2003 SO_{281} 11 30.7 63.°03 2.°0/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.76	+18 6.4	2.112	2.949	12.3	20.1
11 7	4 46.48	+17 23.7	2.047	2.958	9.1	19.9
11 17	4 39.35	+16 38.9	2.007	2.968	5.5	19.7
11 27	4 31.10	+15 54.5	1.995	2.977	2.3	19.5
12 7	4 22.68	+15 13.6	2.013	2.987	3.5	19.6
12 17	4 15.00	+14 39.3	2.060	2.996	7.0	19.9
12 27	4 8.86	+14 14.1	2.133	3.006	10.3	20.1
1 6	4 4.80	+13 59.3	2.231	3.016	13.1	20.3

275124 2009 VO_{63} 11 30.7 87.°54 0.°5/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.96	+20 29.3	1.522	2.364	16.0	20.9
11 7	4 52.46	+20 33.9	1.466	2.379	11.8	20.7
11 17	4 43.18	+20 35.5	1.432	2.394	7.1	20.5
11 27	4 32.19	+20 34.1	1.424	2.409	2.0	20.2
12 7	4 20.92	+20 30.9	1.444	2.423	3.3	20.3
12 17	4 10.80	+20 27.9	1.492	2.438	8.2	20.7
12 27	4 3.01	+20 28.1	1.566	2.452	12.5	21.0
1 6	3 58.24	+20 34.0	1.662	2.466	16.0	21.2

334120 2001 QT_{334} 11 30.7 64.°54 3.°4/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.01	+13 32.8	1.398	2.246	16.8	20.1
11 7	4 51.78	+13 28.2	1.348	2.263	12.5	19.9
11 17	4 42.77	+13 27.9	1.320	2.280	7.8	19.6
11 27	4 32.08	+13 34.0	1.317	2.297	3.8	19.5
12 7	4 21.15	+13 47.8	1.342	2.314	5.0	19.6
12 17	4 11.42	+14 9.9	1.393	2.332	9.4	19.9
12 27	4 4.07	+14 40.7	1.469	2.349	13.5	20.2
1 6	3 59.75	+15 19.4	1.566	2.367	17.0	20.4

241248 2007 TN_{230} 11 30.7 151.°60 0.°5/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.30	+20 30.1	2.160	2.987	12.5	21.5
11 7	4 49.89	+20 26.6	2.088	2.994	9.2	21.3
11 17	4 41.44	+20 20.3	2.042	3.001	5.5	21.1
11 27	4 31.71	+20 11.6	2.023	3.008	1.6	20.8
12 7	4 21.70	+20 1.7	2.036	3.014	2.7	20.9
12 17	4 12.41	+19 52.4	2.078	3.020	6.5	21.2
12 27	4 4.77	+19 46.1	2.148	3.025	10.0	21.4
1 6	3 59.37	+19 44.7	2.242	3.029	13.0	21.6

44876 1999 UG_{46} 11 30.7 90.°35 4.°6/ 2.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 2.29	+32 7.9	1.465	2.288	17.5	19.5
11 7	4 55.33	+32 38.5	1.408	2.304	13.5	19.3
11 17	4 45.07	+32 54.6	1.373	2.320	9.1	19.1
11 27	4 32.74	+32 52.3	1.363	2.336	5.3	19.0
12 7	4 20.06	+32 31.3	1.380	2.351	5.2	19.0
12 17	4 8.79	+31 55.6	1.424	2.366	8.9	19.2
12 27	4 0.33	+31 12.7	1.493	2.381	12.9	19.5
1 6	3 55.40	+30 29.9	1.584	2.396	16.4	19.8

120577 1995 QU_5 11 30.7 140.°94 3.°7/ 2.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.06	+34 14.6	2.172	2.970	13.4	21.2
11 7	4 52.79	+34 16.5	2.102	2.982	10.4	21.1
11 17	4 43.19	+34 5.0	2.055	2.994	7.2	20.9
11 27	4 32.19	+33 38.3	2.037	3.005	4.3	20.7
12 7	4 20.97	+32 57.2	2.047	3.016	4.2	20.7
12 17	4 10.72	+32 5.3	2.088	3.026	6.8	20.9
12 27	4 2.47	+31 8.2	2.157	3.035	9.9	21.1
1 6	3 56.80	+30 11.6	2.251	3.044	12.8	21.3

491468 2012 HU_{11} 11 30.7 245.°04 2.°8/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.56	+13 15.2	2.539	3.367	10.8	22.3
11 7	4 46.23	+12 50.0	2.450	3.354	8.1	22.1
11 17	4 39.22	+12 26.3	2.387	3.342	5.2	21.9
11 27	4 31.11	+12 6.1	2.353	3.329	3.0	21.8
12 7	4 22.67	+11 51.4	2.349	3.315	3.9	21.8
12 17	4 14.68	+11 44.0	2.374	3.302	6.7	22.0
12 27	4 7.91	+11 45.2	2.428	3.288	9.7	22.1
1 6	4 2.92	+11 55.3	2.506	3.274	12.3	22.3

82448 2001 OM_9 11 30.7 102.°86 0.°2/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.59	+23 20.6	1.662	2.495	15.3	20.3
11 7	4 52.67	+23 9.3	1.606	2.514	11.3	20.1
11 17	4 43.19	+22 51.6	1.573	2.533	6.8	19.9
11 27	4 32.18	+22 27.8	1.568	2.552	1.9	19.6
12 7	4 21.01	+22 0.2	1.591	2.570	3.0	19.8
12 17	4 11.00	+21 32.1	1.643	2.588	7.6	20.1
12 27	4 3.22	+21 7.8	1.721	2.605	11.7	20.4
1 6	3 58.30	+20 50.3	1.822	2.621	15.1	20.6

192002 2005 XB_{117} 11 30.7 55.°69 1.°3/ 1.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.75	+25 13.6	1.331	2.177	17.6	19.9
11 7	4 52.53	+25 14.2	1.285	2.199	13.1	19.7
11 17	4 43.26	+25 5.9	1.260	2.222	7.9	19.5
11 27	4 32.21	+24 48.4	1.261	2.245	2.6	19.2
12 7	4 21.02	+24 23.5	1.288	2.268	3.5	19.4
12 17	4 11.28	+23 55.6	1.342	2.291	8.5	19.7
12 27	4 4.21	+23 29.8	1.421	2.315	13.0	20.0
1 6	4 0.44	+23 10.3	1.520	2.338	16.6	20.3

218827 2006 TJ_{68} 11 30.7 357.°37 1.°0/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.95	+22 32.0	1.239	2.097	17.8	19.6
11 7	4 50.15	+21 47.7	1.173	2.096	13.3	19.3
11 17	4 42.11	+20 54.2	1.129	2.094	8.0	19.0
11 27	4 31.96	+19 54.2	1.109	2.094	2.3	18.7
12 7	4 21.34	+18 53.1	1.114	2.093	4.1	18.8
12 17	4 11.93	+17 57.5	1.145	2.094	9.7	19.1
12 27	4 5.16	+17 13.5	1.200	2.094	14.8	19.4
1 6	4 1.79	+16 45.0	1.274	2.096	19.0	19.7

154431 2003 BN_{51} 11 30.8 15.°20 0.°4/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.07	+22 28.1	1.095	1.963	19.0	18.9
11 7	4 49.81	+22 37.5	1.041	1.967	14.2	18.7
11 17	4 42.03	+22 41.3	1.007	1.973	8.6	18.4
11 27	4 31.95	+22 39.1	0.995	1.980	2.4	18.0
12 7	4 21.38	+22 32.2	1.007	1.988	3.8	18.2
12 17	4 12.15	+22 23.7	1.044	1.997	9.7	18.5
12 27	4 5.81	+22 18.2	1.103	2.008	14.9	18.9
1 6	4 3.15	+22 18.9	1.182	2.019	19.2	19.2

430869 2005 QP_3 11 30.8 125.°87 2.°5/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.51	+16 31.2	1.836	2.668	14.1	22.1
11 7	4 51.60	+15 59.0	1.778	2.686	10.4	21.9
11 17	4 42.46	+15 26.2	1.743	2.702	6.4	21.7
11 27	4 31.99	+14 55.3	1.737	2.718	2.8	21.5
12 7	4 21.36	+14 29.0	1.760	2.733	4.1	21.6
12 17	4 11.71	+14 10.1	1.813	2.747	7.9	21.8
12 27	4 4.00	+14 0.7	1.892	2.761	11.6	22.1
1 6	3 58.81	+14 1.6	1.994	2.774	14.6	22.3

336124 2008 OQ_{18} 11 30.8 73.°63 0.°8/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.08	+24 47.4	1.488	2.327	16.4	21.2
11 7	4 52.53	+24 39.0	1.437	2.348	12.2	21.0
11 17	4 43.18	+24 22.5	1.409	2.370	7.4	20.8
11 27	4 32.19	+23 58.0	1.407	2.391	2.3	20.5
12 7	4 21.08	+23 27.7	1.433	2.413	3.2	20.6
12 17	4 11.27	+22 55.7	1.487	2.434	8.0	21.0
12 27	4 3.91	+22 26.8	1.566	2.455	12.3	21.3
1 6	3 59.62	+22 5.0	1.667	2.476	15.8	21.5

53706 2000 DB_{103} 11 30.8 41.°19 1.°7/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.12	+17 40.6	1.223	2.081	18.1	18.6
11 7	4 51.59	+17 45.1	1.172	2.093	13.4	18.3
11 17	4 42.88	+17 50.0	1.142	2.106	8.1	18.1
11 27	4 32.18	+17 56.1	1.136	2.120	2.7	17.8
12 7	4 21.13	+18 4.5	1.155	2.134	4.2	17.9
12 17	4 11.40	+18 16.8	1.201	2.148	9.5	18.3
12 27	4 4.33	+18 34.8	1.270	2.163	14.2	18.6
1 6	4 0.65	+18 59.6	1.359	2.179	18.2	18.9

452796 2006 HO_{30} 11 30.8 280.°71 3.°0/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.63	+12 52.4	2.463	3.290	11.1	21.0
11 7	4 47.22	+12 32.3	2.357	3.260	8.4	20.8
11 17	4 39.95	+12 13.9	2.276	3.230	5.5	20.6
11 27	4 31.39	+11 59.4	2.224	3.199	3.1	20.4
12 7	4 22.30	+11 50.6	2.201	3.168	4.1	20.4
12 17	4 13.56	+11 49.3	2.209	3.137	7.2	20.5
12 27	4 6.03	+11 56.8	2.245	3.105	10.4	20.7
1 6	4 0.35	+12 13.6	2.304	3.073	13.2	20.8

171665 2000 KK_{23} 11 30.8 93.°29 0.°4/30.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 4.04	+20 50.7	1.438	2.274	17.1	20.6
11 7	4 56.11	+20 54.7	1.393	2.303	12.6	20.4
11 17	4 45.28	+20 54.7	1.370	2.331	7.5	20.2
11 27	4 32.79	+20 50.7	1.374	2.359	2.0	19.9
12 7	4 20.23	+20 43.8	1.407	2.386	3.4	20.1
12 17	4 9.13	+20 36.8	1.467	2.412	8.4	20.4
12 27	4 0.67	+20 33.0	1.554	2.437	12.8	20.7
1 6	3 55.46	+20 35.2	1.662	2.461	16.3	21.0

182673 2001 UC_{222} 11 30.8 35.°17 6.°7/ 2.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.07	+36 12.4	1.718	2.525	16.0	19.2
11 7	4 53.77	+37 31.1	1.655	2.533	12.9	19.0
11 17	4 44.29	+38 36.0	1.614	2.543	9.6	18.8
11 27	4 32.63	+39 20.9	1.599	2.553	7.1	18.7
12 7	4 20.31	+39 42.4	1.610	2.563	7.1	18.7
12 17	4 9.02	+39 41.6	1.648	2.574	9.3	18.9
12 27	4 0.22	+39 24.0	1.712	2.585	12.4	19.1
1 6	3 54.77	+38 57.1	1.797	2.596	15.3	19.3

1334 Lundmarka 11 30.8 160.°33 4.°7/29.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.45	+ 7 37.6	2.341	3.165	11.7	15.5
11 7	4 46.87	+ 7 7.6	2.272	3.168	9.0	15.3
11 17	4 39.59	+ 6 43.5	2.228	3.171	6.4	15.1
11 27	4 31.25	+ 6 28.3	2.212	3.174	4.7	15.0
12 7	4 22.68	+ 6 24.0	2.225	3.176	5.5	15.1
12 17	4 14.69	+ 6 31.8	2.267	3.179	7.9	15.2
12 27	4 8.05	+ 6 51.8	2.336	3.181	10.6	15.4
1 6	4 3.28	+ 7 22.8	2.428	3.183	13.0	15.6

254553 2005 EO_{251} 11 30.8 238.°14 2.°4/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.88	+16 52.3	1.552	2.395	15.7	21.1
11 7	4 51.92	+16 36.1	1.473	2.387	11.8	20.8
11 17	4 43.09	+16 19.5	1.417	2.378	7.2	20.6
11 27	4 32.30	+16 4.2	1.387	2.370	2.9	20.3
12 7	4 20.90	+15 52.6	1.385	2.360	4.4	20.4
12 17	4 10.33	+15 47.3	1.410	2.351	9.1	20.6
12 27	4 1.93	+15 50.9	1.461	2.341	13.6	20.9
1 6	3 56.53	+16 4.5	1.533	2.331	17.5	21.1

270657 2002 PE_{169} 11 30.8 339.°85 4.°1/ 2.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.36	+34 19.4	2.172	2.978	13.1	20.4
11 7	4 48.84	+34 35.5	2.091	2.976	10.3	20.2
11 17	4 41.01	+34 39.4	2.034	2.973	7.2	20.0
11 27	4 31.69	+34 28.9	2.004	2.971	4.6	19.9
12 7	4 21.96	+34 4.1	2.002	2.968	4.5	19.9
12 17	4 12.99	+33 27.2	2.028	2.966	7.0	20.0
12 27	4 5.80	+32 43.1	2.082	2.965	10.0	20.2
1 6	4 1.07	+31 57.0	2.160	2.963	12.9	20.4

57458 2001 SX_{73} 11 30.8 334.°14 4.°7/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.13	+27 41.5	1.188	2.043	18.7	18.0
11 7	4 51.93	+28 56.4	1.111	2.026	14.6	17.7
11 17	4 43.80	+30 6.2	1.054	2.011	9.7	17.4
11 27	4 32.65	+31 4.4	1.019	1.997	5.4	17.1
12 7	4 20.22	+31 45.6	1.009	1.984	5.9	17.1
12 17	4 8.66	+32 8.6	1.024	1.972	10.7	17.3
12 27	4 0.03	+32 17.5	1.061	1.961	15.8	17.6
1 6	3 55.59	+32 19.3	1.117	1.952	20.2	17.8

515488 2014 DQ_7 11 30.8 194.°41 0.°9/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.96	+24 39.2	1.968	2.793	13.6	21.9
11 7	4 51.50	+24 43.1	1.888	2.792	10.2	21.7
11 17	4 42.62	+24 40.9	1.832	2.789	6.2	21.4
11 27	4 32.14	+24 31.8	1.803	2.787	2.0	21.1
12 7	4 21.22	+24 16.5	1.804	2.783	2.8	21.2
12 17	4 11.06	+23 57.3	1.835	2.780	7.0	21.5
12 27	4 2.76	+23 38.0	1.893	2.775	10.9	21.7
1 6	3 57.04	+23 22.0	1.975	2.770	14.2	21.9

226518 2003 UC_{60} 11 30.8 77.°56 0.°5/ 1.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.62	+26 17.1	2.245	3.067	12.2	19.9
11 7	4 48.44	+25 35.6	2.187	3.090	9.0	19.8
11 17	4 40.45	+24 46.1	2.155	3.112	5.4	19.6
11 27	4 31.46	+23 50.1	2.151	3.135	1.7	19.4
12 7	4 22.44	+22 50.6	2.178	3.157	2.3	19.4
12 17	4 14.30	+21 51.6	2.235	3.179	6.0	19.7
12 27	4 7.81	+20 57.3	2.321	3.201	9.2	20.0
1 6	4 3.44	+20 10.7	2.431	3.223	12.0	20.2

104289 2000 EW_{158} 11 30.8 209.°93 4.°4/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.12	+12 49.0	1.997	2.833	13.0	19.4
11 7	4 47.65	+11 36.6	1.923	2.831	9.8	19.2
11 17	4 40.17	+10 24.5	1.875	2.828	6.5	19.0
11 27	4 31.43	+ 9 17.4	1.855	2.826	4.4	18.9
12 7	4 22.42	+ 8 20.1	1.864	2.823	5.6	19.0
12 17	4 14.12	+ 7 36.5	1.901	2.820	8.7	19.1
12 27	4 7.42	+ 7 8.9	1.965	2.817	12.0	19.3
1 6	4 2.90	+ 6 57.7	2.050	2.814	14.8	19.5

457245 2008 OH_{22} 11 30.8 60.°56 2.°1/ 1.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.22	+28 44.8	2.111	2.933	12.9	21.3
11 7	4 48.48	+28 47.6	2.049	2.948	9.7	21.1
11 17	4 40.65	+28 41.4	2.010	2.963	6.2	21.0
11 27	4 31.56	+28 25.8	1.999	2.978	2.8	20.8
12 7	4 22.26	+28 1.6	2.017	2.993	3.0	20.8
12 17	4 13.81	+27 31.7	2.064	3.009	6.3	21.1
12 27	4 7.10	+26 59.9	2.138	3.024	9.6	21.3
1 6	4 2.71	+26 30.1	2.237	3.040	12.5	21.5

46297 2001 MK_{13} 11 30.8 75.°77 6.°5/ 3.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 1.15	+40 10.9	1.802	2.591	16.1	18.4
11 7	4 54.14	+40 28.5	1.745	2.610	13.0	18.3
11 17	4 44.20	+40 26.5	1.709	2.630	9.7	18.1
11 27	4 32.54	+40 1.1	1.698	2.649	7.1	18.0
12 7	4 20.73	+39 13.0	1.715	2.669	6.6	18.0
12 17	4 10.27	+38 6.8	1.759	2.688	8.6	18.2
12 27	4 2.37	+36 50.5	1.830	2.707	11.5	18.4
1 6	3 57.64	+35 32.7	1.924	2.726	14.3	18.6

81358 2000 GH_{57} 11 30.8 100.°34 0.°3/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.58	+22 2.5	1.891	2.727	13.6	19.7
11 7	4 48.95	+21 47.2	1.820	2.730	10.1	19.5
11 17	4 41.04	+21 27.1	1.772	2.733	6.0	19.3
11 27	4 31.70	+21 2.9	1.751	2.736	1.7	19.0
12 7	4 22.03	+20 36.7	1.759	2.738	2.8	19.1
12 17	4 13.17	+20 11.5	1.796	2.741	7.1	19.4
12 27	4 6.12	+19 50.5	1.860	2.744	11.0	19.6
1 6	4 1.52	+19 36.3	1.947	2.746	14.2	19.8

516025 2015 SH_{23} 11 30.8 94.°44 4.°3/ 2.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.33	+32 24.5	1.951	2.759	14.3	21.8
11 7	4 53.33	+33 9.7	1.889	2.776	11.1	21.6
11 17	4 43.72	+33 43.7	1.851	2.792	7.7	21.4
11 27	4 32.45	+34 3.0	1.840	2.808	4.8	21.3
12 7	4 20.82	+34 6.3	1.858	2.824	4.8	21.3
12 17	4 10.16	+33 55.6	1.904	2.840	7.5	21.5
12 27	4 1.63	+33 35.4	1.978	2.855	10.7	21.7
1 6	3 55.94	+33 11.4	2.075	2.871	13.6	22.0

358158 2006 RE_{80} 11 30.8 210.°45 1.°8/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.07	+18 1.3	1.918	2.756	13.3	21.5
11 7	4 48.53	+17 40.3	1.844	2.755	9.9	21.3
11 17	4 40.79	+17 17.7	1.794	2.754	6.0	21.0
11 27	4 31.64	+16 55.3	1.771	2.754	2.2	20.8
12 7	4 22.13	+16 35.2	1.777	2.753	3.5	20.9
12 17	4 13.36	+16 19.9	1.811	2.751	7.5	21.1
12 27	4 6.32	+16 11.8	1.873	2.750	11.2	21.4
1 6	4 1.64	+16 12.4	1.957	2.749	14.4	21.6

25686 Stephoskins 11 30.8 50.°86 4.°7/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.57	+14 1.2	1.188	2.048	18.4	17.4
11 7	4 50.95	+13 8.3	1.147	2.068	13.7	17.2
11 17	4 42.35	+12 18.5	1.127	2.088	8.7	17.0
11 27	4 32.04	+11 37.1	1.131	2.109	5.0	16.8
12 7	4 21.63	+11 9.0	1.161	2.130	6.4	17.0
12 17	4 12.65	+10 57.2	1.215	2.152	10.7	17.3
12 27	4 6.30	+11 2.5	1.293	2.174	15.0	17.6
1 6	4 3.14	+11 23.6	1.390	2.196	18.6	17.9

316600 2011 UC_{331} 11 30.8 178.°63 0.°5/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.53	+20 13.3	2.003	2.835	13.1	20.9
11 7	4 49.58	+20 14.8	1.927	2.836	9.7	20.7
11 17	4 41.42	+20 13.9	1.876	2.836	5.8	20.5
11 27	4 31.82	+20 10.9	1.852	2.837	1.7	20.2
12 7	4 21.84	+20 6.8	1.858	2.837	2.8	20.3
12 17	4 12.57	+20 3.3	1.893	2.836	6.9	20.6
12 27	4 5.01	+20 2.6	1.956	2.836	10.7	20.8
1 6	3 59.82	+20 6.7	2.041	2.835	13.8	21.0

459287 2012 GX_6 11 30.8 291.°74 3.°9/29.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.24	+12 13.2	2.140	2.976	12.2	21.4
11 7	4 46.20	+11 28.3	2.065	2.972	9.2	21.2
11 17	4 39.30	+10 45.4	2.015	2.969	6.1	21.0
11 27	4 31.22	+10 7.9	1.993	2.965	3.9	20.8
12 7	4 22.84	+ 9 38.9	1.999	2.962	5.0	20.9
12 17	4 15.08	+ 9 20.9	2.034	2.958	7.9	21.1
12 27	4 8.76	+ 9 15.5	2.096	2.955	11.0	21.2
1 6	4 4.47	+ 9 22.5	2.180	2.952	13.8	21.4

217514 2006 UQ_{99} 11 30.8 104.°22 2.°2/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.68	+17 26.4	1.561	2.400	15.8	21.2
11 7	4 52.82	+17 4.5	1.507	2.419	11.7	21.0
11 17	4 43.34	+16 41.7	1.477	2.438	7.1	20.8
11 27	4 32.32	+16 20.1	1.473	2.456	2.7	20.6
12 7	4 21.13	+16 2.0	1.498	2.473	4.1	20.7
12 17	4 11.11	+15 50.4	1.551	2.490	8.5	21.0
12 27	4 3.36	+15 47.3	1.629	2.507	12.6	21.3
1 6	3 58.49	+15 54.0	1.730	2.523	16.0	21.6

79928 1999 CD_{49} 11 30.8 284.°47 0.°9/30.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.42	+19 36.4	1.906	2.743	13.4	19.6
11 7	4 49.03	+19 34.4	1.816	2.727	10.0	19.3
11 17	4 41.25	+19 30.3	1.750	2.711	6.1	19.1
11 27	4 31.82	+19 24.8	1.710	2.695	1.8	18.7
12 7	4 21.80	+19 18.9	1.700	2.679	3.1	18.8
12 17	4 12.36	+19 14.6	1.719	2.662	7.5	19.0
12 27	4 4.64	+19 14.3	1.764	2.646	11.5	19.3
1 6	3 59.39	+19 20.0	1.831	2.630	15.0	19.4

225292 1995 DS_7 11 30.8 297.°10 1.°5/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.29	+26 19.7	2.155	2.982	12.5	21.1
11 7	4 48.00	+26 27.5	2.068	2.971	9.4	20.9
11 17	4 40.52	+26 28.7	2.004	2.960	5.9	20.6
11 27	4 31.59	+26 22.5	1.968	2.950	2.3	20.4
12 7	4 22.20	+26 9.4	1.961	2.939	2.8	20.4
12 17	4 13.40	+25 51.3	1.983	2.929	6.5	20.6
12 27	4 6.20	+25 31.4	2.033	2.919	10.1	20.8
1 6	4 1.28	+25 13.2	2.107	2.909	13.2	21.0

338310 2002 VA_{28} 11 30.8 62.°10 5.°9/28.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.72	+20 51.6	0.903	1.775	21.8	19.3
11 7	4 54.71	+17 52.2	0.857	1.785	16.1	19.0
11 17	4 44.82	+14 37.2	0.830	1.796	10.0	18.7
11 27	4 32.73	+11 22.8	0.828	1.807	6.0	18.5
12 7	4 20.63	+ 8 28.8	0.852	1.818	8.8	18.7
12 17	4 10.53	+ 6 11.4	0.899	1.830	14.3	19.1
12 27	4 3.83	+ 4 37.7	0.967	1.841	19.4	19.4
1 6	4 1.10	+ 3 45.6	1.052	1.853	23.6	19.8

284247 2006 EN_{39} 11 30.8 135.°78 4.°9/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.02	+ 9 25.8	2.011	2.840	13.2	22.2
11 7	4 48.93	+ 8 35.5	1.950	2.851	10.1	22.0
11 17	4 40.88	+ 7 49.9	1.914	2.861	7.0	21.8
11 27	4 31.65	+ 7 13.1	1.906	2.871	5.0	21.7
12 7	4 22.23	+ 6 48.3	1.926	2.880	6.0	21.8
12 17	4 13.60	+ 6 37.5	1.975	2.889	8.7	22.0
12 27	4 6.59	+ 6 41.6	2.050	2.897	11.7	22.2
1 6	4 1.78	+ 6 59.3	2.147	2.905	14.4	22.4

521968 2015 VG_{161} 11 30.8 13.°46 5.°3/ 3.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.79	+37 0.7	1.784	2.592	15.4	21.2
11 7	4 50.31	+37 7.4	1.712	2.594	12.3	21.0
11 17	4 42.04	+36 56.9	1.662	2.597	8.9	20.8
11 27	4 32.02	+36 26.2	1.637	2.600	6.0	20.6
12 7	4 21.64	+35 36.1	1.639	2.603	5.6	20.6
12 17	4 12.32	+34 31.0	1.668	2.607	8.1	20.8
12 27	4 5.27	+33 18.0	1.724	2.611	11.5	21.0
1 6	4 1.18	+32 5.0	1.802	2.616	14.6	21.2

358140 2006 QA_{148} 11 30.8 77.°32 3.°6/29.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.76	+13 33.6	1.828	2.668	13.8	21.0
11 7	4 48.27	+12 59.9	1.764	2.674	10.3	20.8
11 17	4 40.61	+12 28.3	1.723	2.680	6.6	20.6
11 27	4 31.60	+12 1.9	1.710	2.686	3.7	20.5
12 7	4 22.33	+11 43.4	1.725	2.693	4.9	20.5
12 17	4 13.86	+11 35.3	1.767	2.699	8.3	20.8
12 27	4 7.15	+11 38.7	1.836	2.705	11.9	21.0
1 6	4 2.82	+11 53.5	1.927	2.711	14.9	21.2

439378 2013 AE_{74} 11 30.8 13.°06 0.°7/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.66	+19 43.6	1.409	2.263	16.4	20.3
11 7	4 49.68	+19 53.9	1.346	2.265	12.2	20.1
11 17	4 41.78	+20 2.7	1.304	2.268	7.3	19.8
11 27	4 31.98	+20 9.9	1.287	2.272	2.1	19.5
12 7	4 21.69	+20 16.4	1.297	2.277	3.5	19.6
12 17	4 12.42	+20 23.8	1.334	2.282	8.6	19.9
12 27	4 5.46	+20 34.5	1.395	2.288	13.2	20.2
1 6	4 1.58	+20 50.3	1.476	2.295	17.0	20.5

252055 2000 SD_{29} 11 30.8 60.°66 3.°3/ 2.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.19	+32 32.6	1.865	2.682	14.5	20.3
11 7	4 50.22	+32 24.1	1.802	2.696	11.2	20.1
11 17	4 41.80	+32 1.9	1.762	2.709	7.4	19.9
11 27	4 31.92	+31 25.1	1.748	2.723	4.1	19.8
12 7	4 21.85	+30 35.6	1.763	2.737	3.9	19.8
12 17	4 12.84	+29 37.5	1.806	2.751	7.1	20.0
12 27	4 5.91	+28 37.2	1.877	2.765	10.6	20.2
1 6	4 1.67	+27 40.3	1.971	2.779	13.7	20.5

49543 1999 CD_{76} 11 30.8 356.°25 6.°8/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 47.87	+10 6.9	1.176	2.048	17.7	17.9
11 7	4 44.92	+ 9 8.8	1.116	2.040	13.7	17.7
11 17	4 39.04	+ 8 17.1	1.077	2.034	9.5	17.4
11 27	4 31.23	+ 7 38.9	1.059	2.030	6.9	17.3
12 7	4 22.92	+ 7 19.9	1.066	2.028	8.2	17.3
12 17	4 15.60	+ 7 23.3	1.095	2.028	12.1	17.6
12 27	4 10.58	+ 7 49.2	1.146	2.029	16.3	17.8
1 6	4 8.64	+ 8 34.3	1.215	2.032	20.0	18.1

407185 2009 UV_{86} 11 30.8 71.°45 0.°5/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.28	+24 30.9	2.097	2.926	12.7	20.9
11 7	4 48.42	+24 17.2	2.039	2.945	9.4	20.7
11 17	4 40.58	+23 57.3	2.005	2.964	5.7	20.5
11 27	4 31.58	+23 31.8	1.999	2.983	1.7	20.3
12 7	4 22.45	+23 2.5	2.023	3.002	2.5	20.4
12 17	4 14.16	+22 32.4	2.076	3.022	6.3	20.7
12 27	4 7.58	+22 4.7	2.157	3.040	9.7	20.9
1 6	4 3.22	+21 42.2	2.262	3.059	12.6	21.1

139815 2001 RV_{24} 11 30.8 221.°40 2.°8/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.27	+29 46.3	2.007	2.826	13.6	19.8
11 7	4 50.34	+29 58.7	1.927	2.824	10.4	19.5
11 17	4 41.98	+30 1.4	1.871	2.821	6.8	19.3
11 27	4 32.03	+29 52.6	1.842	2.819	3.4	19.1
12 7	4 21.64	+29 32.7	1.841	2.816	3.6	19.1
12 17	4 12.01	+29 4.0	1.870	2.813	7.0	19.3
12 27	4 4.26	+28 31.0	1.925	2.810	10.6	19.5
1 6	3 59.08	+27 58.5	2.005	2.807	13.7	19.7

353972 2000 AD_{218} 11 30.8 320.°70 1.°9/ 1.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.82	+27 18.6	1.517	2.361	16.0	20.7
11 7	4 49.24	+27 13.6	1.433	2.344	12.2	20.5
11 17	4 41.67	+26 57.8	1.369	2.329	7.7	20.2
11 27	4 32.00	+26 30.2	1.331	2.314	3.0	19.9
12 7	4 21.65	+25 52.2	1.320	2.299	3.5	19.9
12 17	4 12.13	+25 8.0	1.335	2.285	8.4	20.1
12 27	4 4.87	+24 23.5	1.375	2.272	13.1	20.3
1 6	4 0.75	+23 44.7	1.437	2.259	17.2	20.6

171259 2006 BM_{103} 11 30.8 114.°46 0.°6/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.82	+24 24.5	1.848	2.677	14.1	20.8
11 7	4 51.32	+24 17.0	1.784	2.690	10.5	20.6
11 17	4 42.45	+24 2.8	1.744	2.703	6.4	20.4
11 27	4 32.13	+23 41.9	1.732	2.716	1.9	20.1
12 7	4 21.57	+23 15.9	1.749	2.728	2.8	20.2
12 17	4 11.97	+22 48.1	1.795	2.740	7.1	20.5
12 27	4 4.37	+22 22.2	1.868	2.751	10.9	20.7
1 6	3 59.38	+22 1.7	1.964	2.763	14.1	21.0

337291 2000 XG_{10} 11 30.8 35.°35 2.°4/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.72	+23 16.4	1.348	2.192	17.5	18.9
11 7	4 54.43	+24 33.4	1.291	2.204	13.2	18.6
11 17	4 44.78	+25 48.0	1.257	2.216	8.2	18.4
11 27	4 32.86	+26 54.7	1.248	2.230	3.3	18.1
12 7	4 20.35	+27 49.6	1.266	2.243	4.1	18.2
12 17	4 9.02	+28 31.7	1.311	2.258	8.9	18.6
12 27	4 0.40	+29 3.7	1.381	2.273	13.4	18.9
1 6	3 55.34	+29 30.0	1.473	2.289	17.2	19.1

260567 2005 EC_{251} 11 30.8 197.°89 4.°6/28.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.63	+ 9 30.0	2.342	3.166	11.7	21.6
11 7	4 47.81	+ 8 33.3	2.265	3.163	9.0	21.4
11 17	4 40.22	+ 7 39.8	2.214	3.159	6.3	21.2
11 27	4 31.54	+ 6 53.2	2.191	3.154	4.6	21.1
12 7	4 22.57	+ 6 17.1	2.198	3.150	5.6	21.2
12 17	4 14.19	+ 5 53.8	2.235	3.144	8.1	21.3
12 27	4 7.17	+ 5 44.7	2.298	3.138	10.9	21.5
1 6	4 2.07	+ 5 49.5	2.384	3.131	13.4	21.6

164624 1993 FK_{44} 11 30.8 178.°51 2.°2/30.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.82	+18 18.7	1.524	2.366	16.0	20.3
11 7	4 52.53	+17 46.7	1.454	2.368	11.9	20.0
11 17	4 43.42	+17 11.7	1.407	2.368	7.2	19.7
11 27	4 32.47	+16 36.2	1.386	2.369	2.8	19.5
12 7	4 21.10	+16 3.7	1.393	2.369	4.3	19.6
12 17	4 10.73	+15 38.0	1.428	2.368	9.0	19.9
12 27	4 2.63	+15 22.6	1.488	2.367	13.5	20.1
1 6	3 57.55	+15 19.1	1.569	2.366	17.2	20.4

411973 2012 HU_{58} 11 30.8 174.°12 4.°5/28.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.75	+ 8 31.6	2.539	3.363	10.9	21.5
11 7	4 45.56	+ 7 40.0	2.468	3.365	8.4	21.4
11 17	4 38.82	+ 6 52.4	2.423	3.366	6.0	21.2
11 27	4 31.15	+ 6 12.2	2.406	3.367	4.5	21.1
12 7	4 23.26	+ 5 42.4	2.419	3.367	5.3	21.2
12 17	4 15.91	+ 5 24.9	2.461	3.368	7.6	21.3
12 27	4 9.77	+ 5 20.6	2.529	3.368	10.1	21.5
1 6	4 5.33	+ 5 28.9	2.621	3.368	12.4	21.7

278264 2007 FN_{20} 11 30.8 161.°23 1.°1/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.66	+25 19.6	1.952	2.775	13.7	21.8
11 7	4 51.99	+25 19.8	1.878	2.781	10.3	21.5
11 17	4 42.92	+25 13.0	1.829	2.786	6.3	21.3
11 27	4 32.32	+24 58.5	1.807	2.790	2.1	21.1
12 7	4 21.37	+24 37.5	1.815	2.794	2.8	21.1
12 17	4 11.28	+24 12.5	1.853	2.798	6.9	21.4
12 27	4 3.10	+23 47.5	1.918	2.800	10.8	21.6
1 6	3 57.52	+23 26.3	2.007	2.803	14.0	21.8

292768 2006 UQ_{199} 11 30.8 111.°48 3.°7/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.52	+11 1.0	2.094	2.922	12.8	20.8
11 7	4 49.25	+10 42.5	2.036	2.938	9.6	20.6
11 17	4 41.08	+10 28.6	2.002	2.954	6.3	20.4
11 27	4 31.78	+10 21.2	1.996	2.969	3.9	20.3
12 7	4 22.29	+10 22.2	2.020	2.984	4.7	20.4
12 17	4 13.58	+10 32.6	2.073	2.999	7.7	20.6
12 27	4 6.47	+10 52.6	2.153	3.013	10.8	20.8
1 6	4 1.50	+11 21.6	2.257	3.027	13.4	21.1

1918 Aiguillon 11 30.8 349.°93 4.°0/29.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 49.94	+13 1.7	1.940	2.784	13.0	16.1
11 7	4 45.45	+12 9.5	1.868	2.780	9.8	15.9
11 17	4 38.97	+11 18.7	1.820	2.776	6.4	15.7
11 27	4 31.23	+10 33.1	1.799	2.773	4.1	15.6
12 7	4 23.18	+ 9 56.6	1.806	2.770	5.2	15.6
12 17	4 15.79	+ 9 32.2	1.841	2.768	8.4	15.8
12 27	4 9.96	+ 9 21.7	1.902	2.766	11.7	16.0
1 6	4 6.27	+ 9 25.0	1.984	2.765	14.6	16.2

475217 2005 VC_{71} 11 30.8 28.°95 1.°7/30.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.85	+19 9.2	1.134	2.000	18.6	21.3
11 7	4 50.13	+18 54.9	1.086	2.012	13.8	21.1
11 17	4 42.13	+18 38.3	1.058	2.024	8.3	20.8
11 27	4 32.13	+18 21.3	1.054	2.038	2.7	20.5
12 7	4 21.82	+18 6.9	1.074	2.053	4.3	20.7
12 17	4 12.90	+17 58.3	1.119	2.069	9.8	21.1
12 27	4 6.70	+17 58.4	1.187	2.085	14.6	21.4
1 6	4 3.93	+18 8.6	1.275	2.103	18.6	21.7

500743 2012 YE_{7} 11 30.8 339.°85 15.°1/ 8.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.93	+51 5.2	0.858	1.673	27.4	20.5
11 7	4 55.50	+51 31.7	0.794	1.661	24.2	20.2
11 17	4 46.78	+51 10.0	0.741	1.649	20.4	20.0
11 27	4 33.61	+49 44.2	0.705	1.639	16.9	19.7
12 7	4 19.47	+47 8.9	0.686	1.631	15.1	19.6
12 17	4 8.04	+43 35.3	0.686	1.624	16.3	19.6
12 27	4 1.84	+39 31.4	0.707	1.619	19.9	19.8
1 6	4 1.51	+35 28.0	0.746	1.615	24.2	20.0

79956 1999 CW_{105} 11 30.8 359.°44 4.°8/ 2.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.44	+34 15.2	1.469	2.299	17.1	18.4
11 7	4 49.79	+34 19.8	1.399	2.297	13.4	18.2
11 17	4 41.98	+34 7.0	1.349	2.295	9.3	18.0
11 27	4 32.12	+33 33.9	1.323	2.295	5.6	17.8
12 7	4 21.76	+32 41.6	1.323	2.295	5.3	17.7
12 17	4 12.56	+31 35.4	1.350	2.296	8.8	18.0
12 27	4 5.90	+30 23.5	1.401	2.298	12.9	18.2
1 6	4 2.55	+29 14.2	1.473	2.301	16.6	18.4

361219 2006 SW_{70} 11 30.8 47.°40 3.°8/29.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.03	+13 54.6	1.815	2.657	13.8	21.0
11 7	4 47.79	+13 6.1	1.748	2.660	10.4	20.8
11 17	4 40.38	+12 18.7	1.706	2.663	6.7	20.6
11 27	4 31.62	+11 36.0	1.691	2.667	3.9	20.4
12 7	4 22.59	+11 2.0	1.703	2.670	5.1	20.5
12 17	4 14.35	+10 39.5	1.744	2.674	8.6	20.7
12 27	4 7.86	+10 30.5	1.810	2.677	12.1	21.0
1 6	4 3.72	+10 35.0	1.898	2.681	15.2	21.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
69560	1997 UW_{14}		11 30.8	21.°17	1.°1/ 1.2	18 R
	h m	° ′			°	m
10 28	4 53.56	+24 28.8	1.993	2.826	13.1	18.3
11 7	4 48.23	+24 46.0	1.922	2.829	9.8	18.1
11 17	4 40.69	+24 58.3	1.875	2.834	6.0	17.9
11 27	4 31.73	+25 4.7	1.855	2.839	2.1	17.7
12 7	4 22.40	+25 5.4	1.865	2.844	2.7	17.7
12 17	4 13.79	+25 1.9	1.903	2.849	6.6	18.0
12 27	4 6.92	+24 57.1	1.968	2.855	10.3	18.2
1 6	4 2.41	+24 53.7	2.056	2.861	13.4	18.4
367704	2010 SO_{31}		11 30.8	109.°41	0.°0/30.7	16
10 28	5 2.39	+23 40.4	1.516	2.349	16.5	21.6
11 7	4 54.96	+23 18.7	1.462	2.371	12.2	21.4
11 17	4 44.71	+22 49.3	1.432	2.392	7.3	21.2
11 27	4 32.81	+22 13.0	1.427	2.412	2.0	20.9
12 7	4 20.79	+21 32.8	1.452	2.431	3.2	21.1
12 17	4 10.12	+20 53.3	1.505	2.450	8.2	21.4
12 27	4 1.95	+20 19.4	1.584	2.468	12.5	21.7
1 6	3 56.91	+19 54.7	1.685	2.485	16.1	22.0
67429	2000 QJ_{105}		11 30.8	114.°73	3.°3/30.0	17
10 28	5 0.89	+14 7.7	1.551	2.388	16.0	19.3
11 7	4 53.76	+13 49.6	1.497	2.406	11.9	19.1
11 17	4 43.98	+13 34.2	1.466	2.424	7.5	18.9
11 27	4 32.62	+13 23.7	1.462	2.441	3.7	18.7
12 7	4 21.06	+13 20.4	1.486	2.457	4.9	18.8
12 17	4 10.66	+13 25.8	1.538	2.473	9.0	19.1
12 27	4 2.53	+13 41.0	1.616	2.488	13.0	19.4
1 6	3 57.31	+14 5.9	1.716	2.503	16.4	19.6
172983	2006 HD_{71}		11 30.8	91.°05	4.°1/29.7	17
10 28	4 58.96	+14 18.4	1.345	2.194	17.3	20.1
11 7	4 52.63	+13 38.2	1.294	2.209	12.9	19.8
11 17	4 43.42	+13 0.1	1.265	2.224	8.2	19.6
11 27	4 32.48	+12 28.2	1.260	2.239	4.4	19.4
12 7	4 21.32	+12 6.3	1.283	2.253	5.7	19.6
12 17	4 11.43	+11 57.3	1.332	2.268	10.1	19.9
12 27	4 4.01	+12 2.7	1.405	2.282	14.3	20.1
1 6	3 59.72	+12 21.8	1.499	2.295	17.9	20.4
361206	2006 RF_{78}		11 30.8	357.°74	5.°2/ 2.2	18
10 28	4 57.47	+33 26.5	1.671	2.491	15.8	20.7
11 7	4 51.88	+34 14.8	1.598	2.490	12.5	20.4
11 17	4 43.24	+34 50.8	1.547	2.489	8.8	20.2
11 27	4 32.51	+35 9.8	1.521	2.488	5.8	20.1
12 7	4 21.13	+35 9.9	1.522	2.488	5.7	20.0
12 17	4 10.68	+34 53.0	1.550	2.488	8.7	20.2
12 27	4 2.58	+34 24.4	1.603	2.488	12.3	20.4
1 6	3 57.68	+33 51.1	1.678	2.489	15.6	20.7
105675	Kamiukena		11 30.8	11.°21	0.°8/30.5	18
10 28	4 53.30	+20 43.5	1.885	2.725	13.5	19.8
11 7	4 48.06	+20 24.9	1.813	2.725	10.0	19.6
11 17	4 40.59	+20 2.5	1.764	2.726	6.0	19.4
11 27	4 31.71	+19 37.5	1.743	2.727	1.8	19.1
12 7	4 22.48	+19 12.2	1.750	2.728	3.0	19.2
12 17	4 14.03	+18 49.4	1.785	2.729	7.2	19.5
12 27	4 7.32	+18 32.0	1.847	2.731	11.0	19.7
1 6	4 3.02	+18 22.3	1.932	2.733	14.3	19.9
242923	2006 PP_2		11 30.8	68.°39	4.°6/29.5	18
10 28	4 55.36	+10 38.4	1.698	2.537	14.7	20.5
11 7	4 49.44	+10 7.0	1.649	2.557	11.1	20.3
11 17	4 41.30	+ 9 41.2	1.624	2.576	7.4	20.1
11 27	4 31.87	+ 9 24.5	1.624	2.596	4.8	20.0
12 7	4 22.31	+ 9 19.2	1.653	2.616	5.7	20.1
12 17	4 13.72	+ 9 26.7	1.709	2.636	9.0	20.4
12 27	4 7.04	+ 9 46.9	1.791	2.655	12.3	20.6
1 6	4 2.84	+10 18.6	1.895	2.675	15.3	20.9
417247	2005 YD_{188}		11 30.8	78.°74	4.°7/29.4	18
10 28	4 52.69	+ 7 48.1	2.167	2.994	12.4	20.9
11 7	4 47.26	+ 7 29.1	2.097	2.995	9.6	20.7
11 17	4 39.98	+ 7 16.7	2.051	2.996	6.7	20.5
11 27	4 31.53	+ 7 13.7	2.033	2.997	4.8	20.4
12 7	4 22.79	+ 7 22.0	2.043	2.999	5.5	20.5
12 17	4 14.65	+ 7 42.2	2.082	3.000	8.2	20.6
12 27	4 7.96	+ 8 14.1	2.147	3.001	11.1	20.8
1 6	4 3.27	+ 8 56.2	2.236	3.002	13.7	21.0
64882	2001 YQ_{72}		11 30.8	185.°78	2.°2/30.0	18
10 28	4 53.71	+14 46.5	2.515	3.340	11.0	19.9
11 7	4 47.84	+14 37.2	2.436	3.340	8.2	19.7
11 17	4 40.27	+14 29.3	2.383	3.340	5.1	19.5
11 27	4 31.61	+14 23.8	2.359	3.339	2.4	19.3
12 7	4 22.66	+14 22.1	2.365	3.337	3.3	19.4
12 17	4 14.24	+14 25.4	2.402	3.335	6.3	19.6
12 27	4 7.12	+14 34.8	2.467	3.333	9.3	19.8
1 6	4 1.84	+14 50.6	2.557	3.330	11.9	20.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
183568	2003 OQ_{11}		11 30.8	166.°56	13.°3/24.5	17
	h m	° ′			°	m
10 28	4 57.78	+ 1 11.4	1.184	2.026	19.6	19.9
11 7	4 52.07	− 1 49.2	1.136	2.027	16.4	19.7
11 17	4 43.25	− 4 36.7	1.110	2.028	14.0	19.6
11 27	4 32.48	− 6 55.1	1.107	2.029	13.4	19.5
12 7	4 21.34	− 8 32.0	1.128	2.030	15.0	19.6
12 17	4 11.45	− 9 21.9	1.170	2.031	17.8	19.8
12 27	4 4.13	− 9 26.7	1.231	2.031	20.8	20.0
1 6	4 0.11	− 8 54.3	1.307	2.031	23.6	20.2
518550	2006 YV_{56}		11 30.8	183.°74	3.°5/ 2.1	18
10 28	4 59.93	+31 33.0	1.736	2.553	15.4	21.5
11 7	4 53.41	+31 40.6	1.660	2.554	11.9	21.3
11 17	4 44.00	+31 35.1	1.606	2.554	8.0	21.0
11 27	4 32.70	+31 14.1	1.578	2.553	4.3	20.8
12 7	4 20.93	+30 38.2	1.579	2.553	4.3	20.8
12 17	4 10.17	+29 51.0	1.608	2.552	7.9	21.0
12 27	4 1.71	+28 58.9	1.664	2.550	11.9	21.3
1 6	3 56.31	+28 8.7	1.742	2.548	15.4	21.5
517221	2014 BZ_9		11 30.8	331.°59	13.°9/ 1.2	18
10 28	5 0.15	−10 5.3	1.258	2.058	21.1	20.8
11 7	4 54.17	−10 7.7	1.186	2.043	18.4	20.6
11 17	4 44.79	− 9 35.9	1.132	2.028	15.8	20.4
11 27	4 33.01	− 8 20.7	1.098	2.014	14.1	20.2
12 7	4 20.37	− 6 19.7	1.088	2.002	14.3	20.2
12 17	4 8.63	− 3 37.7	1.101	1.990	16.4	20.3
12 27	3 59.41	− 0 25.9	1.138	1.980	19.5	20.4
1 6	3 53.69	+ 3 1.6	1.196	1.970	22.8	20.6
295450	2008 OR_{23}		11 30.8	80.°10	3.°7/ 2.7	18
10 28	4 56.70	+34 45.9	2.321	3.119	12.6	20.3
11 7	4 50.22	+34 50.4	2.262	3.141	9.8	20.2
11 17	4 41.69	+34 42.3	2.227	3.164	6.8	20.1
11 27	4 31.99	+34 20.4	2.219	3.186	4.3	19.9
12 7	4 22.17	+33 45.5	2.241	3.208	4.1	20.0
12 17	4 13.26	+33 0.7	2.292	3.229	6.3	20.1
12 27	4 6.14	+32 10.9	2.372	3.251	9.1	20.3
1 6	4 1.33	+31 20.9	2.476	3.272	11.6	20.6
356569	2011 SN_{223}		11 30.8	13.°12	7.°7/27.8	18
10 28	4 50.91	+ 8 13.2	1.373	2.229	16.6	19.9
11 7	4 46.69	+ 6 38.4	1.320	2.232	13.0	19.7
11 17	4 39.90	+ 5 10.2	1.289	2.236	9.5	19.5
11 27	4 31.54	+ 3 57.1	1.282	2.241	7.7	19.4
12 7	4 22.89	+ 3 5.9	1.300	2.247	9.0	19.5
12 17	4 15.24	+ 2 40.6	1.342	2.254	12.2	19.7
12 27	4 9.69	+ 2 41.5	1.407	2.262	15.7	20.0
1 6	4 6.87	+ 3 5.4	1.491	2.271	18.7	20.2
197250	2003 WM_{70}		11 30.8	350.°43	0.°9/30.5	17
10 28	4 51.47	+19 50.8	1.844	2.688	13.5	20.1
11 7	4 46.83	+19 42.0	1.768	2.683	10.0	19.8
11 17	4 39.93	+19 30.7	1.716	2.679	6.0	19.6
11 27	4 31.57	+19 18.0	1.691	2.675	1.8	19.3
12 7	4 22.79	+19 5.5	1.694	2.672	3.1	19.4
12 17	4 14.72	+18 55.5	1.724	2.670	7.3	19.6
12 27	4 8.36	+18 50.5	1.781	2.668	11.2	19.9
1 6	4 4.41	+18 52.1	1.861	2.667	14.5	20.1
464377	2016 AC_{177}		11 30.8	348.°34	8.°3/26.8	17
10 28	4 48.00	+ 5 10.9	1.623	2.470	14.9	20.6
11 7	4 44.35	+ 3 30.1	1.557	2.459	12.0	20.4
11 17	4 38.47	+ 1 56.4	1.513	2.450	9.4	20.3
11 27	4 31.16	+ 0 38.0	1.495	2.442	8.3	20.2
12 7	4 23.47	− 0 18.4	1.503	2.435	9.5	20.2
12 17	4 16.50	− 0 48.6	1.535	2.429	12.2	20.4
12 27	4 11.25	− 0 51.9	1.589	2.424	15.2	20.6
1 6	4 8.37	− 0 31.1	1.662	2.421	17.9	20.8
352642	2008 JM		11 30.8	19.°24	9.°4/ 2.2	18
10 28	5 10.33	− 2 47.3	1.010	1.834	23.5	19.9
11 7	5 2.33	− 1 34.9	0.947	1.836	19.1	19.7
11 17	4 49.97	+ 0 15.3	0.902	1.838	14.2	19.4
11 27	4 34.50	+ 2 46.0	0.880	1.841	10.1	19.2
12 7	4 18.04	+ 5 50.3	0.884	1.844	10.0	19.2
12 17	4 3.00	+ 9 13.5	0.916	1.848	14.0	19.4
12 27	3 51.42	+12 40.1	0.973	1.852	18.9	19.7
1 6	3 44.38	+15 58.3	1.051	1.857	23.2	20.1
296977	2010 ED_{99}		11 30.8	194.°49	7.°9/27.5	18
10 28	4 53.73	+ 2 49.4	1.894	2.717	14.1	21.3
11 7	4 48.22	+ 1 32.5	1.829	2.716	11.4	21.1
11 17	4 40.64	+ 0 25.0	1.788	2.715	9.0	20.9
11 27	4 31.75	− 0 26.8	1.773	2.713	7.9	20.9
12 7	4 22.56	− 0 58.2	1.786	2.711	8.8	20.9
12 17	4 14.09	− 1 7.0	1.824	2.709	11.1	21.1
12 27	4 7.26	− 0 53.3	1.887	2.707	13.8	21.2
1 6	4 2.67	− 0 19.9	1.970	2.704	16.3	21.4

148217 2000 DB_{33} 11 30.8 262.°70 3.°3/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.30	+15 23.5	1.672	2.513	14.8	21.4
11 7	4 50.70	+14 47.4	1.585	2.496	11.2	21.2
11 17	4 42.44	+14 10.5	1.520	2.479	7.1	20.9
11 27	4 32.33	+13 36.0	1.482	2.461	3.6	20.7
12 7	4 21.56	+13 7.5	1.472	2.443	5.0	20.7
12 17	4 11.48	+12 48.4	1.490	2.425	9.2	20.9
12 27	4 3.32	+12 41.5	1.533	2.406	13.5	21.1
1 6	3 57.91	+12 48.0	1.597	2.387	17.2	21.3

110178 2001 SA_{174} 11 30.8 123.°01 2.°1/ 1.4 18

10 28	4 56.93	+26 52.6	2.007	2.830	13.4	19.5
11 7	4 50.81	+27 18.8	1.933	2.833	10.1	19.3
11 17	4 42.30	+27 38.3	1.883	2.837	6.4	19.1
11 27	4 32.24	+27 49.2	1.860	2.840	2.8	18.9
12 7	4 21.75	+27 51.3	1.867	2.843	3.2	18.9
12 17	4 12.02	+27 46.0	1.902	2.847	6.8	19.2
12 27	4 4.12	+27 36.5	1.966	2.850	10.4	19.4
1 6	3 58.75	+27 26.7	2.052	2.853	13.6	19.6

196072 2002 TE_{69} 11 30.8 86.°12 3.°8/28.6 18

10 28	4 53.35	+12 24.3	2.495	3.320	11.0	20.0
11 7	4 47.29	+11 5.7	2.446	3.347	8.3	19.8
11 17	4 39.76	+ 9 48.9	2.424	3.373	5.5	19.7
11 27	4 31.45	+ 8 37.8	2.432	3.399	3.8	19.6
12 7	4 23.13	+ 7 36.4	2.470	3.425	4.8	19.7
12 17	4 15.53	+ 6 47.5	2.539	3.450	7.2	19.9
12 27	4 9.29	+ 6 12.6	2.636	3.475	9.7	20.1
1 6	4 4.82	+ 5 51.9	2.756	3.500	11.9	20.3

252143 2000 YK_{141} 11 30.8 1.°60 2.°4/ 1.7 17

10 28	4 54.31	+29 7.4	1.811	2.641	14.4	20.9
11 7	4 49.08	+29 5.6	1.737	2.640	10.9	20.7
11 17	4 41.35	+28 53.1	1.686	2.640	7.0	20.5
11 27	4 32.00	+28 29.1	1.660	2.640	3.2	20.2
12 7	4 22.25	+27 54.7	1.663	2.640	3.4	20.2
12 17	4 13.37	+27 13.5	1.694	2.641	7.2	20.5
12 27	4 6.47	+26 30.6	1.751	2.642	11.1	20.7
1 6	4 2.25	+25 51.0	1.832	2.644	14.5	20.9

125762 2001 XY_{134} 11 30.8 247.°00 1.°3/30.5 18

10 28	4 57.46	+17 58.8	1.705	2.543	14.7	20.0
11 7	4 51.51	+18 5.3	1.625	2.536	11.0	19.8
11 17	4 42.90	+18 11.8	1.568	2.529	6.7	19.5
11 27	4 32.47	+18 18.6	1.538	2.522	2.2	19.2
12 7	4 21.45	+18 26.5	1.537	2.515	3.5	19.3
12 17	4 11.18	+18 36.8	1.564	2.508	8.1	19.5
12 27	4 2.89	+18 51.3	1.618	2.500	12.4	19.8
1 6	3 57.37	+19 11.4	1.693	2.493	16.0	20.0

167415 2003 WZ_{134} 11 30.8 50.°57 0.°2/30.8 18

10 28	4 56.06	+22 38.6	1.491	2.337	16.0	19.7
11 7	4 50.42	+22 19.8	1.438	2.354	11.9	19.5
11 17	4 42.09	+21 54.8	1.408	2.371	7.1	19.2
11 27	4 32.18	+21 25.0	1.403	2.388	2.0	19.0
12 7	4 22.07	+20 53.1	1.426	2.406	3.2	19.1
12 17	4 13.14	+20 23.0	1.477	2.424	8.0	19.4
12 27	4 6.49	+19 58.8	1.552	2.443	12.3	19.7
1 6	4 2.75	+19 43.2	1.649	2.461	15.8	20.0

271392 2004 BQ_{98} 11 30.8 2.°01 5.°5/29.5 18

10 28	4 53.56	+12 26.3	1.175	2.039	18.2	20.2
11 7	4 49.22	+11 40.2	1.116	2.038	13.8	20.0
11 17	4 41.71	+10 58.3	1.077	2.037	9.1	19.7
11 27	4 32.15	+10 26.2	1.061	2.037	5.7	19.5
12 7	4 22.08	+10 8.8	1.070	2.038	7.1	19.6
12 17	4 13.13	+10 9.2	1.103	2.040	11.5	19.9
12 27	4 6.71	+10 28.3	1.158	2.043	16.0	20.1
1 6	4 3.60	+11 4.1	1.232	2.046	20.0	20.4

411156 2010 AZ_{111} 11 30.8 37.°84 2.°7/30.1 18

10 28	4 53.01	+14 44.3	1.830	2.672	13.7	20.8
11 7	4 47.77	+14 32.6	1.770	2.683	10.2	20.6
11 17	4 40.40	+14 23.1	1.735	2.694	6.3	20.4
11 27	4 31.72	+14 17.6	1.726	2.706	3.0	20.3
12 7	4 22.79	+14 17.6	1.745	2.718	4.1	20.4
12 17	4 14.67	+14 24.7	1.793	2.731	7.7	20.6
12 27	4 8.29	+14 39.7	1.867	2.744	11.3	20.8
1 6	4 4.25	+15 2.6	1.963	2.757	14.3	21.1

333329 2001 QN_{250} 11 30.8 43.°77 1.°5/ 1.1 18

10 28	5 0.35	+23 32.1	1.130	1.985	19.4	19.7
11 7	4 54.20	+24 6.1	1.092	2.011	14.4	19.5
11 17	4 44.58	+24 33.4	1.074	2.037	8.7	19.3
11 27	4 32.90	+24 51.6	1.080	2.064	2.9	19.0
12 7	4 21.05	+25 0.5	1.111	2.091	3.8	19.2
12 17	4 10.88	+25 2.8	1.168	2.119	9.2	19.6
12 27	4 3.75	+25 3.0	1.249	2.148	14.0	19.9
1 6	4 0.30	+25 5.3	1.349	2.177	17.8	20.3

21884 1999 UO_{26} 11 30.8 79.°64 2.°3/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.64	+28 18.0	1.696	2.525	15.2	18.6
11 7	4 51.58	+28 22.5	1.632	2.535	11.5	18.4
11 17	4 42.84	+28 16.7	1.590	2.545	7.3	18.2
11 27	4 32.43	+27 59.5	1.574	2.554	3.2	17.9
12 7	4 21.69	+27 31.9	1.587	2.564	3.5	18.0
12 17	4 11.98	+26 57.5	1.627	2.574	7.5	18.3
12 27	4 4.48	+26 21.5	1.694	2.583	11.5	18.5
1 6	3 59.87	+25 48.8	1.783	2.593	14.9	18.8

18487 1996 AU_3 11 30.8 75.°29 8.°2/29.0 18 R

10 28	4 55.76	+ 0 36.0	1.728	2.547	15.4	16.9
11 7	4 49.67	− 0 6.3	1.683	2.566	12.4	16.7
11 17	4 41.45	− 0 33.9	1.661	2.585	9.7	16.6
11 27	4 32.00	− 0 42.0	1.665	2.605	8.3	16.6
12 7	4 22.43	− 0 28.3	1.695	2.624	8.9	16.6
12 17	4 13.80	+ 0 6.9	1.751	2.643	11.1	16.8
12 27	4 7.04	+ 1 0.9	1.831	2.662	13.7	17.0
1 6	4 2.69	+ 2 9.5	1.933	2.680	16.1	17.2

221587 2006 VT_{146} 11 30.8 273.°64 3.°2/29.8 18

10 28	4 56.08	+16 14.0	1.502	2.349	15.9	20.9
11 7	4 50.76	+15 35.4	1.421	2.337	11.9	20.6
11 17	4 42.58	+14 55.3	1.363	2.324	7.5	20.3
11 27	4 32.43	+14 17.0	1.331	2.311	3.6	20.1
12 7	4 21.64	+13 44.6	1.325	2.298	5.1	20.1
12 17	4 11.66	+13 22.1	1.347	2.285	9.7	20.4
12 27	4 3.82	+13 12.7	1.393	2.272	14.2	20.6
1 6	3 58.97	+13 17.4	1.459	2.259	18.1	20.8

38557 1999 VV_{92} 11 30.8 190.°22 0.°8/ 1.2 18

10 28	4 54.13	+24 45.4	2.256	3.081	12.1	19.2
11 7	4 48.48	+24 44.5	2.177	3.080	9.0	19.0
11 17	4 40.82	+24 38.0	2.122	3.080	5.5	18.8
11 27	4 31.87	+24 25.7	2.096	3.079	1.8	18.6
12 7	4 22.59	+24 8.5	2.099	3.078	2.4	18.6
12 17	4 13.95	+23 48.5	2.132	3.078	6.1	18.9
12 27	4 6.85	+23 28.8	2.193	3.077	9.6	19.1
1 6	4 1.91	+23 12.1	2.279	3.075	12.5	19.3

213956 2003 YY_{11} 11 30.8 332.°29 0.°6/30.9 18

10 28	4 59.09	+19 12.2	1.504	2.346	16.1	19.2
11 7	4 53.31	+20 20.5	1.422	2.335	12.1	18.9
11 17	4 44.33	+21 33.0	1.363	2.325	7.4	18.6
11 27	4 33.00	+22 46.1	1.330	2.315	2.2	18.3
12 7	4 20.71	+23 56.0	1.326	2.306	3.4	18.4
12 17	4 9.09	+25 0.0	1.350	2.297	8.7	18.6
12 27	3 59.71	+25 58.1	1.400	2.290	13.4	18.9
1 6	3 53.61	+26 51.8	1.471	2.283	17.4	19.1

227713 2006 DZ_{125} 11 30.8 58.°17 5.°3/28.8 18

10 28	4 51.39	+ 7 39.4	2.109	2.940	12.6	20.3
11 7	4 46.32	+ 6 51.9	2.047	2.947	9.7	20.1
11 17	4 39.45	+ 6 10.5	2.010	2.953	7.0	20.0
11 27	4 31.49	+ 5 39.0	2.000	2.960	5.3	19.9
12 7	4 23.31	+ 5 20.6	2.018	2.968	6.2	20.0
12 17	4 15.80	+ 5 16.8	2.064	2.975	8.6	20.1
12 27	4 9.75	+ 5 27.9	2.136	2.982	11.4	20.3
1 6	4 5.67	+ 5 52.6	2.230	2.989	13.9	20.5

160280 2002 UF_5 11 30.8 117.°33 2.°5/29.8 18

10 28	4 51.71	+13 58.6	2.642	3.468	10.5	20.5
11 7	4 46.24	+13 36.3	2.576	3.480	7.8	20.3
11 17	4 39.28	+13 15.5	2.537	3.492	4.9	20.2
11 27	4 31.43	+12 57.9	2.526	3.503	2.6	20.0
12 7	4 23.40	+12 45.2	2.546	3.515	3.4	20.1
12 17	4 15.94	+12 38.7	2.596	3.525	6.1	20.3
12 27	4 9.70	+12 39.6	2.674	3.536	8.8	20.5
1 6	4 5.14	+12 48.1	2.776	3.547	11.2	20.7

178091 2006 SB_{213} 11 30.8 55.°89 7.°0/28.8 18

10 28	4 53.45	+ 3 33.2	1.844	2.671	14.3	19.8
11 7	4 48.07	+ 2 52.1	1.784	2.675	11.4	19.6
11 17	4 40.60	+ 2 21.7	1.746	2.680	8.6	19.4
11 27	4 31.82	+ 2 6.7	1.734	2.684	7.1	19.4
12 7	4 22.77	+ 2 10.0	1.749	2.689	7.8	19.4
12 17	4 14.47	+ 2 32.4	1.791	2.693	10.3	19.6
12 27	4 7.85	+ 3 12.5	1.858	2.698	13.1	19.8
1 6	4 3.50	+ 4 7.4	1.946	2.703	15.7	20.0

414676 2009 WA_{87} 11 30.8 104.°11 1.°7/ 1.5 18

10 28	4 54.68	+27 18.6	2.402	3.219	11.7	21.4
11 7	4 48.73	+27 26.8	2.333	3.231	8.8	21.2
11 17	4 40.89	+27 28.2	2.289	3.243	5.5	21.0
11 27	4 31.90	+27 22.0	2.274	3.254	2.3	20.8
12 7	4 22.66	+27 8.9	2.288	3.265	2.6	20.8
12 17	4 14.11	+26 50.8	2.333	3.277	5.8	21.1
12 27	4 7.09	+26 30.6	2.405	3.288	8.9	21.3
1 6	4 2.14	+26 11.4	2.503	3.298	11.5	21.5

142483 2002 TQ_{24} 11 30.8 74.°89 1.°1/30.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.09	+20 13.2	1.780	2.619	14.1	20.1
11 7	4 49.44	+19 50.2	1.716	2.628	10.5	19.9
11 17	4 41.47	+19 23.6	1.675	2.636	6.3	19.7
11 27	4 32.07	+18 55.0	1.661	2.645	1.9	19.4
12 7	4 22.41	+18 27.0	1.676	2.654	3.2	19.6
12 17	4 13.63	+18 2.6	1.719	2.662	7.5	19.8
12 27	4 6.76	+17 44.9	1.789	2.671	11.4	20.1
1 6	4 2.40	+17 35.8	1.881	2.680	14.7	20.3

373446 1999 UL_{33} 11 30.8 64.°62 2.°4/ 1.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 1.45	+26 14.9	1.283	2.126	18.3	21.2
11 7	4 54.95	+26 42.6	1.234	2.145	13.8	21.0
11 17	4 45.07	+27 1.1	1.206	2.164	8.6	20.8
11 27	4 33.11	+27 7.7	1.202	2.184	3.5	20.5
12 7	4 20.84	+27 2.4	1.224	2.203	4.0	20.6
12 17	4 10.05	+26 48.5	1.274	2.222	8.9	21.0
12 27	4 2.14	+26 31.6	1.347	2.242	13.5	21.3
1 6	3 57.82	+26 17.1	1.442	2.261	17.3	21.6

512555 2016 SK_{19} 11 30.8 108.°98 1.°7/ 1.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 2.19	+26 6.1	1.666	2.492	15.6	21.8
11 7	4 54.85	+26 18.6	1.609	2.512	11.7	21.6
11 17	4 44.76	+26 22.8	1.575	2.532	7.2	21.4
11 27	4 33.00	+26 17.3	1.569	2.551	2.7	21.2
12 7	4 21.01	+26 2.8	1.591	2.569	3.2	21.3
12 17	4 10.20	+25 42.2	1.641	2.587	7.6	21.6
12 27	4 1.75	+25 20.3	1.719	2.604	11.6	21.9
1 6	3 56.30	+25 1.4	1.819	2.620	15.0	22.1

329912 2005 LC_{8} 11 30.8 81.°08 1.°5/ 1.2 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 3.20	+24 53.7	1.488	2.320	16.8	20.5
11 7	4 55.71	+25 15.1	1.442	2.348	12.5	20.3
11 17	4 45.28	+25 29.0	1.418	2.376	7.6	20.1
11 27	4 33.14	+25 33.6	1.420	2.403	2.7	19.9
12 7	4 20.87	+25 29.3	1.451	2.430	3.4	20.0
12 17	4 9.98	+25 19.0	1.510	2.457	8.0	20.3
12 27	4 1.70	+25 7.0	1.595	2.483	12.2	20.6
1 6	3 56.64	+24 57.8	1.702	2.508	15.7	20.9

130064 1999 VB_{192} 11 30.8 78.°57 1.°9/ 1.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.69	+26 33.0	1.699	2.527	15.2	19.7
11 7	4 52.93	+26 47.3	1.646	2.549	11.4	19.5
11 17	4 43.58	+26 53.3	1.616	2.572	7.1	19.3
11 27	4 32.67	+26 49.5	1.613	2.595	2.8	19.1
12 7	4 21.57	+26 36.8	1.639	2.617	3.2	19.2
12 17	4 11.62	+26 18.0	1.693	2.639	7.3	19.5
12 27	4 3.90	+25 57.5	1.774	2.661	11.2	19.8
1 6	3 59.05	+25 39.4	1.877	2.682	14.5	20.0

229383 2005 SV_{52} 11 30.8 6.°95 1.°7/30.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.51	+18 22.1	1.099	1.969	18.8	19.6
11 7	4 49.50	+18 21.4	1.042	1.969	14.0	19.4
11 17	4 42.06	+18 20.3	1.004	1.971	8.5	19.1
11 27	4 32.34	+18 20.0	0.989	1.974	2.8	18.7
12 7	4 22.04	+18 22.3	0.998	1.978	4.4	18.9
12 17	4 12.96	+18 29.4	1.032	1.983	10.1	19.2
12 27	4 6.64	+18 43.8	1.087	1.990	15.3	19.5
1 6	4 3.89	+19 6.5	1.162	1.998	19.6	19.8

218212 2002 TK_{278} 11 30.8 27.°14 3.°7/29.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.01	+20 12.8	1.082	1.952	19.0	18.7
11 7	4 49.53	+18 26.8	1.034	1.962	14.1	18.4
11 17	4 41.81	+16 32.2	1.007	1.973	8.6	18.2
11 27	4 32.19	+14 37.8	1.003	1.985	4.0	18.0
12 7	4 22.40	+12 54.1	1.025	1.998	6.1	18.1
12 17	4 14.10	+11 30.4	1.071	2.012	11.2	18.5
12 27	4 8.54	+10 32.2	1.140	2.027	16.0	18.8
1 6	4 6.34	+10 0.2	1.227	2.043	19.9	19.1

480976 2003 WX_{63} 11 30.8 23.°31 1.°0/ 1.0 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.33	+22 48.3	1.039	1.909	19.6	20.3
11 7	4 50.04	+23 13.2	1.000	1.927	14.5	20.0
11 17	4 42.25	+23 32.3	0.981	1.947	8.8	19.8
11 27	4 32.34	+23 44.2	0.984	1.968	2.7	19.5
12 7	4 22.17	+23 49.4	1.011	1.991	3.8	19.7
12 17	4 13.55	+23 50.6	1.062	2.016	9.4	20.1
12 27	4 7.89	+23 51.9	1.135	2.042	14.4	20.4
1 6	4 5.83	+23 56.7	1.228	2.069	18.4	20.8

94214 2001 BV_{35} 11 30.8 285.°38 6.°1/ 3.2 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.70	+39 19.9	2.176	2.960	13.8	19.2
11 7	4 51.69	+39 58.7	2.091	2.954	11.3	19.1
11 17	4 43.04	+40 23.0	2.030	2.947	8.6	18.9
11 27	4 32.60	+40 28.6	1.994	2.941	6.5	18.7
12 7	4 21.58	+40 14.0	1.985	2.934	6.3	18.7
12 17	4 11.33	+39 41.0	2.005	2.928	8.1	18.8
12 27	4 3.05	+38 54.5	2.051	2.922	10.7	19.0
1 6	3 57.53	+38 1.3	2.121	2.915	13.4	19.1

17007 1999 CK_{65} 11 30.8 40.°21 10.°2/28.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.39	+ 3 25.1	1.156	2.009	19.2	16.9
11 7	4 49.37	+ 1 53.6	1.124	2.029	15.4	16.7
11 17	4 41.53	+ 0 39.1	1.113	2.050	11.9	16.6
11 27	4 32.09	− 0 9.7	1.123	2.072	10.2	16.6
12 7	4 22.59	− 0 27.4	1.157	2.094	11.2	16.7
12 17	4 14.45	− 0 13.7	1.214	2.117	14.0	16.9
12 27	4 8.79	+ 0 28.0	1.292	2.141	17.1	17.2
1 6	4 6.15	+ 1 30.9	1.387	2.165	20.0	17.5

519846 2013 LP_{36} 11 30.8 173.°11 2.°4/29.6 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 51.64	+14 58.5	2.802	3.627	10.0	22.4
11 7	4 46.18	+14 20.3	2.726	3.629	7.4	22.2
11 17	4 39.26	+13 42.2	2.676	3.632	4.7	22.0
11 27	4 31.46	+13 6.1	2.656	3.633	2.5	21.9
12 7	4 23.47	+12 34.4	2.667	3.635	3.4	22.0
12 17	4 15.98	+12 9.1	2.708	3.636	6.0	22.1
12 27	4 9.64	+11 51.8	2.778	3.636	8.7	22.3
1 6	4 4.90	+11 43.4	2.872	3.636	11.0	22.5

62830 2000 UZ_{53} 11 30.9 77.°24 3.°0/30.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 1.13	+16 36.7	1.299	2.147	17.8	19.1
11 7	4 54.20	+16 2.2	1.258	2.173	13.2	18.9
11 17	4 44.37	+15 28.0	1.238	2.200	8.0	18.6
11 27	4 32.89	+14 57.1	1.244	2.226	3.5	18.4
12 7	4 21.39	+14 33.1	1.277	2.251	4.9	18.6
12 17	4 11.36	+14 19.1	1.337	2.277	9.6	18.9
12 27	4 3.98	+14 17.3	1.421	2.302	13.9	19.3
1 6	3 59.79	+14 27.6	1.525	2.326	17.4	19.6

30207 2000 GL_{109} 11 30.9 236.°64 4.°1/29.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.57	+11 29.3	2.184	3.014	12.2	19.5
11 7	4 48.06	+10 43.7	2.100	3.003	9.3	19.3
11 17	4 40.61	+10 0.2	2.041	2.992	6.3	19.1
11 27	4 31.90	+ 9 22.1	2.010	2.981	4.2	19.0
12 7	4 22.81	+ 8 52.8	2.009	2.969	5.2	19.0
12 17	4 14.27	+ 8 34.9	2.036	2.957	8.1	19.2
12 27	4 7.16	+ 8 29.9	2.090	2.944	11.3	19.3
1 6	4 2.10	+ 8 37.8	2.167	2.931	14.1	19.5

131092 2000 YP_{142} 11 30.9 231.°67 1.°6/30.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.07	+17 39.4	1.884	2.719	13.7	20.4
11 7	4 50.25	+17 32.3	1.804	2.713	10.2	20.2
11 17	4 42.08	+17 24.5	1.747	2.708	6.2	20.0
11 27	4 32.33	+17 17.2	1.719	2.702	2.2	19.7
12 7	4 22.12	+17 11.8	1.719	2.695	3.4	19.8
12 17	4 12.59	+17 10.2	1.748	2.689	7.6	20.0
12 27	4 4.82	+17 14.4	1.804	2.682	11.5	20.2
1 6	3 59.53	+17 25.7	1.882	2.675	14.9	20.4

107485 2001 DG_{37} 11 30.9 286.°12 2.°0/30.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.10	+17 32.2	1.710	2.553	14.5	20.2
11 7	4 49.73	+17 16.0	1.632	2.546	10.8	20.0
11 17	4 41.84	+16 58.9	1.577	2.539	6.6	19.7
11 27	4 32.28	+16 42.4	1.549	2.532	2.5	19.4
12 7	4 22.21	+16 28.9	1.549	2.525	3.8	19.5
12 17	4 12.88	+16 20.6	1.576	2.518	8.2	19.8
12 27	4 5.46	+16 20.1	1.630	2.511	12.4	20.0
1 6	4 0.68	+16 28.7	1.705	2.505	15.9	20.2

1486 Marilyn 11 30.9 90.°53 0.°0/30.7 18 R

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 0.61	+22 51.7	1.347	2.192	17.5	16.1
11 7	4 54.14	+22 42.4	1.292	2.206	13.0	15.8
11 17	4 44.53	+22 26.5	1.258	2.220	7.8	15.6
11 27	4 33.00	+22 4.3	1.250	2.234	2.2	15.3
12 7	4 21.18	+21 38.1	1.269	2.248	3.5	15.4
12 17	4 10.70	+21 11.8	1.314	2.262	8.8	15.8
12 27	4 2.87	+20 50.3	1.385	2.276	13.5	16.1
1 6	3 58.39	+20 37.1	1.476	2.289	17.3	16.4

121776 2000 AH_{30} 11 30.9 211.°34 3.°7/ 2.8 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.49	+35 51.4	2.754	3.541	11.1	19.6
11 7	4 49.36	+35 53.6	2.664	3.535	8.8	19.5
11 17	4 41.33	+35 44.2	2.599	3.530	6.3	19.3
11 27	4 32.09	+35 21.7	2.561	3.524	4.1	19.2
12 7	4 22.54	+34 46.3	2.554	3.517	3.9	19.1
12 17	4 13.60	+34 0.3	2.577	3.511	5.9	19.2
12 27	4 6.14	+33 7.8	2.628	3.504	8.5	19.4
1 6	4 0.72	+32 13.4	2.706	3.496	10.9	19.6

116202 2003 XE_{19} 11 30.9 314.°83 2.°7/29.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 53.74	+19 27.4	1.649	2.495	14.7	19.4
11 7	4 48.72	+18 10.8	1.571	2.487	11.0	19.1
11 17	4 41.20	+16 47.1	1.517	2.479	6.7	18.9
11 27	4 32.08	+15 20.9	1.489	2.471	3.0	18.6
12 7	4 22.56	+13 58.4	1.490	2.463	4.6	18.7
12 17	4 13.90	+12 46.0	1.519	2.456	8.9	19.0
12 27	4 7.19	+11 48.9	1.573	2.449	13.1	19.2
1 6	4 3.12	+11 9.8	1.649	2.442	16.7	19.4

229788 2008 QV_{41} 11 30.9 262.°04 1.°7/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.47	+26 40.7	1.688	2.520	15.1	20.5
11 7	4 51.74	+26 40.3	1.604	2.510	11.5	20.2
11 17	4 43.18	+26 30.9	1.542	2.500	7.2	20.0
11 27	4 32.68	+26 11.2	1.507	2.490	2.8	19.7
12 7	4 21.57	+25 42.4	1.500	2.479	3.3	19.7
12 17	4 11.27	+25 7.6	1.521	2.469	7.9	19.9
12 27	4 3.10	+24 32.1	1.568	2.458	12.2	20.2
1 6	3 57.90	+24 0.9	1.638	2.447	16.0	20.4

453571 2010 EZ_{12} 11 30.9 39.°94 1.°9/ 1.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.83	+29 56.0	2.094	2.915	13.0	20.4
11 7	4 48.35	+29 29.2	2.022	2.921	9.9	20.2
11 17	4 40.77	+28 51.1	1.974	2.927	6.3	20.0
11 27	4 31.92	+28 2.1	1.954	2.934	2.8	19.8
12 7	4 22.86	+27 4.6	1.962	2.940	2.9	19.8
12 17	4 14.64	+26 2.7	2.001	2.947	6.4	20.0
12 27	4 8.16	+25 1.6	2.067	2.954	9.8	20.3
1 6	4 4.00	+24 5.9	2.157	2.961	12.8	20.5

104058 2000 EV_{17} 11 30.9 320.°45 1.°2/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.57	+18 14.3	1.400	2.250	16.7	19.2
11 7	4 52.12	+18 29.0	1.327	2.244	12.5	18.9
11 17	4 43.55	+18 44.3	1.275	2.238	7.6	18.6
11 27	4 32.81	+19 0.1	1.249	2.233	2.4	18.3
12 7	4 21.36	+19 16.7	1.249	2.228	3.8	18.4
12 17	4 10.82	+19 35.0	1.276	2.224	9.1	18.7
12 27	4 2.64	+19 56.9	1.328	2.219	13.9	18.9
1 6	3 57.73	+20 23.9	1.400	2.215	18.0	19.2

327103 2005 AT_{12} 11 30.9 355.°53 8.°3/29.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.03	− 1 5.3	1.815	2.631	14.9	19.4
11 7	4 47.89	− 1 22.6	1.749	2.628	12.2	19.2
11 17	4 40.59	− 1 23.8	1.705	2.625	9.8	19.1
11 27	4 31.90	− 1 4.7	1.685	2.623	8.4	19.0
12 7	4 22.85	− 0 23.4	1.693	2.622	8.9	19.0
12 17	4 14.49	+ 0 39.3	1.726	2.621	11.0	19.2
12 27	4 7.80	+ 2 0.4	1.784	2.621	13.7	19.3
1 6	4 3.41	+ 3 34.9	1.864	2.622	16.3	19.5

442497 2011 VK_{19} 11 30.9 59.°59 1.°8/ 1.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.42	+24 53.7	1.618	2.451	15.6	21.0
11 7	4 52.92	+25 30.3	1.565	2.472	11.7	20.8
11 17	4 43.69	+26 0.7	1.535	2.493	7.2	20.6
11 27	4 32.77	+26 22.7	1.532	2.514	2.8	20.4
12 7	4 21.56	+26 35.6	1.556	2.535	3.3	20.5
12 17	4 11.47	+26 41.0	1.609	2.556	7.6	20.8
12 27	4 3.67	+26 42.2	1.689	2.577	11.6	21.1
1 6	3 58.82	+26 43.2	1.791	2.599	14.9	21.4

484980 2009 UP_{24} 11 30.9 310.°69 3.°9/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.44	+13 29.9	2.166	3.002	12.1	21.0
11 7	4 46.42	+12 19.0	2.091	2.999	9.1	20.8
11 17	4 39.58	+11 7.9	2.042	2.996	6.0	20.6
11 27	4 31.60	+10 0.8	2.021	2.993	4.0	20.5
12 7	4 23.37	+ 9 2.1	2.029	2.990	5.1	20.5
12 17	4 15.76	+ 8 15.6	2.066	2.987	8.0	20.7
12 27	4 9.59	+ 7 43.6	2.130	2.984	11.1	20.9
1 6	4 5.40	+ 7 26.7	2.216	2.981	13.8	21.1

58400 1995 VR_{12} 11 30.9 34.°08 1.°6/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.45	+18 16.0	1.834	2.675	13.7	19.8
11 7	4 48.23	+17 59.7	1.767	2.680	10.2	19.6
11 17	4 40.79	+17 42.1	1.724	2.686	6.1	19.4
11 27	4 31.96	+17 24.7	1.708	2.692	2.2	19.2
12 7	4 22.82	+17 9.5	1.721	2.698	3.4	19.3
12 17	4 14.47	+16 58.9	1.762	2.704	7.4	19.5
12 27	4 7.90	+16 54.9	1.829	2.711	11.2	19.8
1 6	4 3.72	+16 59.0	1.918	2.718	14.4	20.0

237859 2002 GA_{130} 11 30.9 19.°04 0.°7/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.26	+21 57.6	1.544	2.390	15.6	20.1
11 7	4 50.00	+21 30.4	1.476	2.392	11.6	19.8
11 17	4 42.03	+20 57.1	1.431	2.393	7.0	19.6
11 27	4 32.33	+20 19.2	1.411	2.396	2.0	19.3
12 7	4 22.24	+19 40.0	1.419	2.398	3.4	19.4
12 17	4 13.14	+19 3.6	1.454	2.400	8.2	19.7
12 27	4 6.20	+18 34.5	1.514	2.403	12.6	20.0
1 6	4 2.13	+18 15.6	1.596	2.406	16.3	20.2

184947 2005 WS_{50} 11 30.9 81.°72 0.°1/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.68	+23 16.7	2.041	2.872	12.9	20.3
11 7	4 48.93	+23 4.0	1.977	2.884	9.6	20.1
11 17	4 41.11	+22 45.9	1.936	2.896	5.8	19.9
11 27	4 32.04	+22 23.1	1.924	2.908	1.6	19.6
12 7	4 22.74	+21 57.4	1.940	2.920	2.5	19.7
12 17	4 14.25	+21 31.4	1.987	2.932	6.5	20.0
12 27	4 7.47	+21 8.4	2.060	2.944	10.0	20.3
1 6	4 2.97	+20 50.9	2.157	2.956	13.1	20.5

390642 2002 NV_{68} 11 30.9 156.°71 0.°7/30.6 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.31	+21 0.9	2.275	3.099	12.0	22.9
11 7	4 49.95	+20 40.1	2.202	3.107	8.9	22.7
11 17	4 41.66	+20 15.4	2.155	3.114	5.3	22.5
11 27	4 32.19	+19 48.0	2.136	3.120	1.6	22.2
12 7	4 22.48	+19 19.8	2.148	3.126	2.6	22.3
12 17	4 13.49	+18 53.2	2.190	3.131	6.3	22.6
12 27	4 6.05	+18 31.0	2.261	3.136	9.7	22.8
1 6	4 0.72	+18 15.5	2.356	3.140	12.5	23.0

47742 2000 DX_{73} 11 30.9 296.°89 0.°0/30.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.54	+22 41.4	2.179	3.011	12.2	18.9
11 7	4 47.49	+22 32.0	2.089	2.997	9.1	18.7
11 17	4 40.37	+22 17.9	2.024	2.984	5.5	18.5
11 27	4 31.88	+21 59.5	1.986	2.971	1.6	18.2
12 7	4 22.94	+21 38.3	1.978	2.958	2.5	18.2
12 17	4 14.56	+21 16.5	1.999	2.945	6.5	18.4
12 27	4 7.68	+20 57.1	2.048	2.932	10.1	18.6
1 6	4 2.95	+20 42.7	2.120	2.919	13.2	18.8

518442 2004 GO_{54} 11 30.9 174.°85 2.°0/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.91	+17 5.5	2.389	3.216	11.4	22.2
11 7	4 48.10	+16 28.8	2.313	3.219	8.5	22.0
11 17	4 40.54	+15 50.5	2.262	3.220	5.2	21.8
11 27	4 31.88	+15 12.9	2.241	3.222	2.3	21.7
12 7	4 22.99	+14 38.4	2.250	3.223	3.3	21.7
12 17	4 14.71	+14 9.8	2.289	3.223	6.6	21.9
12 27	4 7.82	+13 49.1	2.356	3.223	9.7	22.1
1 6	4 2.86	+13 37.7	2.448	3.222	12.4	22.3

64049 2001 SQ_{244} 11 30.9 282.°09 1.°9/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.82	+17 39.0	1.938	2.776	13.2	19.8
11 7	4 48.59	+17 19.5	1.852	2.763	9.9	19.6
11 17	4 41.10	+16 58.7	1.790	2.750	6.1	19.3
11 27	4 32.10	+16 38.1	1.755	2.738	2.4	19.1
12 7	4 22.60	+16 20.0	1.749	2.725	3.6	19.1
12 17	4 13.72	+16 6.9	1.772	2.712	7.6	19.4
12 27	4 6.48	+16 1.0	1.821	2.700	11.4	19.6
1 6	4 1.60	+16 3.9	1.893	2.687	14.8	19.8

415668 2014 QC_{428} 11 30.9 70.°99 4.°9/ 2.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.33	+36 20.2	2.115	2.912	13.7	21.5
11 7	4 51.19	+36 47.4	2.046	2.922	10.9	21.4
11 17	4 42.61	+37 0.9	2.001	2.932	7.9	21.2
11 27	4 32.50	+36 57.8	1.982	2.942	5.5	21.1
12 7	4 22.05	+36 37.8	1.992	2.952	5.2	21.1
12 17	4 12.49	+36 3.4	2.030	2.962	7.3	21.2
12 27	4 4.90	+35 19.6	2.095	2.973	10.2	21.4
1 6	3 59.92	+34 32.5	2.183	2.983	12.9	21.6

177246 2003 WZ_{6} 11 30.9 56.°05 4.°4/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.95	+12 55.7	1.177	2.033	18.8	19.6
11 7	4 52.96	+12 37.0	1.134	2.052	14.0	19.3
11 17	4 43.83	+12 24.0	1.111	2.072	8.9	19.1
11 27	4 32.85	+12 19.8	1.113	2.091	4.8	18.9
12 7	4 21.67	+12 26.6	1.140	2.112	6.0	19.1
12 17	4 11.92	+12 45.5	1.192	2.132	10.5	19.4
12 27	4 4.88	+13 16.3	1.268	2.153	14.9	19.7
1 6	4 1.19	+13 57.6	1.363	2.173	18.6	20.0

79303 1995 WV_{33} 11 30.9 59.°36 4.°0/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.28	+15 32.4	1.278	2.133	17.6	19.0
11 7	4 51.54	+14 40.7	1.231	2.150	13.1	18.8
11 17	4 42.91	+13 49.8	1.206	2.168	8.2	18.6
11 27	4 32.58	+13 4.3	1.206	2.185	4.2	18.4
12 7	4 22.08	+12 29.0	1.232	2.203	5.7	18.5
12 17	4 12.92	+12 7.7	1.284	2.222	10.1	18.8
12 27	4 6.25	+12 2.3	1.359	2.240	14.4	19.1
1 6	4 2.70	+12 12.2	1.454	2.258	18.0	19.4

50011 2000 AE_{29} 11 30.9 240.°11 2.°6/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.43	+29 21.3	1.733	2.556	15.2	19.3
11 7	4 53.23	+29 21.8	1.646	2.545	11.7	19.0
11 17	4 44.12	+29 10.8	1.581	2.534	7.6	18.8
11 27	4 33.00	+28 46.4	1.543	2.522	3.5	18.5
12 7	4 21.25	+28 9.3	1.533	2.510	3.7	18.5
12 17	4 10.35	+27 22.9	1.552	2.498	7.9	18.7
12 27	4 1.64	+26 33.6	1.597	2.485	12.2	18.9
1 6	3 55.96	+25 47.4	1.665	2.472	15.9	19.1

321544 2009 SQ_{276} 11 30.9 19.°44 3.°6/ 2.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.34	+31 16.8	2.066	2.880	13.4	21.2
11 7	4 50.53	+31 51.1	1.990	2.881	10.4	21.0
11 17	4 42.30	+32 16.0	1.938	2.882	7.1	20.8
11 27	4 32.46	+32 28.7	1.912	2.884	4.2	20.6
12 7	4 22.15	+32 28.4	1.915	2.885	4.2	20.6
12 17	4 12.57	+32 16.6	1.947	2.887	7.0	20.8
12 27	4 4.82	+31 57.0	2.006	2.889	10.3	21.0
1 6	3 59.62	+31 34.6	2.088	2.890	13.3	21.2

504440 2008 BA_{43} 11 30.9 223.°76 8.°6/ 5.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 4.76	+49 57.0	2.330	3.052	14.7	21.5
11 7	4 57.08	+50 19.6	2.242	3.045	12.7	21.3
11 17	4 46.32	+50 20.5	2.173	3.038	10.7	21.2
11 27	4 33.59	+49 54.2	2.130	3.030	9.1	21.1
12 7	4 20.43	+48 58.9	2.112	3.022	8.6	21.0
12 17	4 8.45	+47 37.5	2.122	3.013	9.5	21.1
12 27	3 59.00	+45 57.2	2.159	3.004	11.3	21.2
1 6	3 52.80	+44 7.8	2.220	2.995	13.5	21.3

460969 2014 WS_{302} 11 30.9 20.°01 4.°6/ 2.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.74	+34 48.1	2.166	2.969	13.2	21.2
11 7	4 50.06	+35 23.0	2.091	2.972	10.5	21.0
11 17	4 41.99	+35 46.2	2.039	2.974	7.5	20.9
11 27	4 32.37	+35 54.8	2.014	2.977	5.1	20.7
12 7	4 22.31	+35 47.9	2.017	2.980	4.9	20.7
12 17	4 12.99	+35 27.3	2.049	2.983	7.2	20.9
12 27	4 5.49	+34 57.1	2.107	2.987	10.1	21.0
1 6	4 0.51	+34 22.6	2.190	2.990	12.8	21.2

459750 2013 QP_{36} 11 30.9 166.°63 7.°7/ 5.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 1.59	+49 20.9	2.787	3.504	12.6	21.2
11 7	4 54.35	+50 4.1	2.709	3.507	10.9	21.1
11 17	4 44.56	+50 30.0	2.652	3.509	9.3	21.0
11 27	4 33.10	+50 34.3	2.621	3.512	8.0	20.9
12 7	4 21.20	+50 15.2	2.616	3.514	7.7	20.9
12 17	4 10.15	+49 34.3	2.639	3.515	8.4	20.9
12 27	4 1.10	+48 36.3	2.687	3.517	9.9	21.0
1 6	3 54.76	+47 28.0	2.760	3.518	11.5	21.1

9849 1990 RF_{2} 11 30.9 144.°18 0.°3/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.84	+22 16.4	1.849	2.678	14.1	18.1
11 7	4 52.22	+21 59.4	1.781	2.687	10.5	17.9
11 17	4 43.20	+21 37.1	1.736	2.696	6.3	17.6
11 27	4 32.70	+21 10.3	1.720	2.705	1.8	17.4
12 7	4 21.91	+20 40.9	1.733	2.712	2.9	17.5
12 17	4 12.04	+20 12.1	1.776	2.720	7.3	17.7
12 27	4 4.14	+19 47.8	1.845	2.726	11.2	18.0
1 6	3 58.84	+19 30.6	1.938	2.732	14.5	18.2

156074 2001 SE_{125} 11 30.9 9.°01 1.°8/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.42	+19 41.5	1.257	2.118	17.5	19.0
11 7	4 49.85	+19 10.4	1.196	2.118	13.0	18.8
11 17	4 42.17	+18 35.0	1.155	2.120	7.9	18.5
11 27	4 32.46	+17 58.0	1.138	2.122	2.7	18.2
12 7	4 22.29	+17 23.5	1.147	2.125	4.3	18.3
12 17	4 13.26	+16 56.0	1.181	2.129	9.6	18.6
12 27	4 6.73	+16 39.4	1.239	2.133	14.4	18.9
1 6	4 3.46	+16 35.7	1.316	2.138	18.5	19.2

74287 1998 SS_{133} 11 30.9 338.°89 2.°0/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.93	+26 41.2	1.659	2.494	15.2	18.5
11 7	4 50.61	+26 54.5	1.583	2.491	11.5	18.3
11 17	4 42.52	+26 59.8	1.530	2.487	7.3	18.0
11 27	4 32.57	+26 55.4	1.502	2.484	3.0	17.8
12 7	4 22.07	+26 41.8	1.503	2.481	3.4	17.8
12 17	4 12.42	+26 21.4	1.530	2.479	7.8	18.0
12 27	4 4.91	+25 58.7	1.584	2.476	12.0	18.3
1 6	4 0.30	+25 38.4	1.660	2.474	15.6	18.5

336646 2009 WY_{163} 11 30.9 117.°43 1.°7/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.45	+28 21.1	1.674	2.501	15.5	21.0
11 7	4 52.93	+27 57.5	1.608	2.511	11.7	20.7
11 17	4 43.71	+27 21.8	1.565	2.521	7.3	20.5
11 27	4 32.85	+26 34.2	1.549	2.531	2.8	20.3
12 7	4 21.74	+25 37.5	1.562	2.541	3.2	20.3
12 17	4 11.77	+24 36.9	1.603	2.550	7.6	20.6
12 27	4 4.07	+23 38.7	1.671	2.559	11.7	20.9
1 6	3 59.30	+22 48.3	1.761	2.568	15.2	21.1

415197 2012 GY_{34} 11 30.9 149.°63 2.°3/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.83	+16 11.6	2.568	3.397	10.7	21.8
11 7	4 46.46	+15 29.3	2.496	3.402	7.9	21.6
11 17	4 39.53	+14 46.1	2.449	3.406	4.9	21.4
11 27	4 31.65	+14 4.4	2.432	3.411	2.4	21.3
12 7	4 23.58	+13 26.8	2.445	3.415	3.4	21.3
12 17	4 16.07	+12 55.7	2.488	3.419	6.3	21.5
12 27	4 9.83	+12 33.2	2.559	3.422	9.1	21.7
1 6	4 5.32	+12 20.1	2.654	3.426	11.6	21.9

273993 2007 MO_{24} 11 30.9 271.°88 1.°4/ 1.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.38	+28 9.9	2.371	3.189	11.8	20.2
11 7	4 48.00	+27 50.9	2.279	3.178	8.9	20.0
11 17	4 40.64	+27 22.9	2.212	3.166	5.6	19.8
11 27	4 32.00	+26 45.9	2.173	3.154	2.3	19.5
12 7	4 22.99	+26 1.6	2.164	3.142	2.5	19.5
12 17	4 14.59	+25 12.9	2.185	3.130	6.0	19.7
12 27	4 7.66	+24 24.1	2.234	3.118	9.3	19.9
1 6	4 2.83	+23 39.0	2.308	3.106	12.3	20.1

376818 2001 AG_{54} 11 30.9 335.°45 6.°6/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 50.04	+ 9 18.2	0.920	1.802	20.5	19.7
11 7	4 47.80	+ 9 12.6	0.845	1.775	16.1	19.4
11 17	4 41.68	+ 9 21.1	0.787	1.750	11.1	19.0
11 27	4 32.52	+ 9 49.9	0.749	1.726	7.0	18.7
12 7	4 21.99	+10 42.6	0.732	1.704	8.2	18.7
12 17	4 12.21	+11 58.5	0.736	1.685	13.5	18.8
12 27	4 5.29	+13 34.1	0.760	1.668	19.3	19.1
1 6	4 2.57	+15 23.4	0.800	1.654	24.5	19.3

369468 2010 RJ_{176} 11 30.9 21.°82 1.°6/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.81	+20 40.8	1.084	1.950	19.2	21.3
11 7	4 51.22	+20 7.3	1.029	1.954	14.3	21.0
11 17	4 43.11	+19 27.8	0.993	1.959	8.6	20.7
11 27	4 32.74	+18 45.2	0.981	1.965	2.7	20.4
12 7	4 21.93	+18 4.4	0.993	1.972	4.5	20.6
12 17	4 12.50	+17 30.7	1.029	1.979	10.3	20.9
12 27	4 5.96	+17 9.1	1.088	1.987	15.5	21.2
1 6	4 3.06	+17 1.8	1.165	1.996	19.9	21.5

449668 2014 KS_{83} 11 30.9 175.°21 1.°8/ 1.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.26	+28 38.2	2.318	3.130	12.2	21.4
11 7	4 50.81	+28 31.2	2.238	3.132	9.3	21.2
11 17	4 42.28	+28 15.3	2.183	3.134	5.9	21.0
11 27	4 32.46	+27 50.0	2.156	3.136	2.6	20.8
12 7	4 22.33	+27 16.3	2.159	3.137	2.7	20.8
12 17	4 12.93	+26 37.1	2.193	3.137	6.1	21.1
12 27	4 5.16	+25 56.4	2.256	3.137	9.4	21.3
1 6	3 59.65	+25 18.3	2.343	3.136	12.3	21.5

171057 2005 EP_{121} 11 30.9 182.°93 0.°1/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.27	+23 12.5	2.214	3.037	12.3	21.6
11 7	4 50.11	+23 1.8	2.134	3.038	9.2	21.4
11 17	4 41.89	+22 46.0	2.080	3.038	5.5	21.2
11 27	4 32.36	+22 25.4	2.053	3.038	1.6	20.9
12 7	4 22.49	+22 1.3	2.057	3.037	2.4	20.9
12 17	4 13.30	+21 36.2	2.092	3.035	6.3	21.2
12 27	4 5.71	+21 13.3	2.154	3.034	9.9	21.4
1 6	4 0.33	+20 55.2	2.240	3.031	12.9	21.6

260507 2005 EB_{50} 11 30.9 203.°45 2.°2/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 1.04	+26 58.1	1.643	2.471	15.7	21.0
11 7	4 54.49	+27 16.0	1.565	2.468	11.9	20.8
11 17	4 44.92	+27 25.5	1.509	2.465	7.6	20.5
11 27	4 33.29	+27 24.2	1.480	2.461	3.2	20.2
12 7	4 21.01	+27 12.1	1.479	2.456	3.6	20.2
12 17	4 9.66	+26 51.4	1.506	2.452	8.1	20.5
12 27	4 0.61	+26 27.3	1.559	2.446	12.5	20.7
1 6	3 54.72	+26 5.1	1.635	2.441	16.2	21.0

354653 2005 JV_{129} 11 30.9 128.°54 1.°1/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.39	+23 29.7	1.958	2.784	13.6	21.3
11 7	4 51.99	+24 1.5	1.885	2.789	10.2	21.1
11 17	4 43.17	+24 29.6	1.836	2.794	6.2	20.8
11 27	4 32.75	+24 52.3	1.816	2.799	2.1	20.6
12 7	4 21.88	+25 8.8	1.824	2.803	2.8	20.6
12 17	4 11.76	+25 20.0	1.863	2.808	6.9	20.9
12 27	4 3.49	+25 28.1	1.929	2.812	10.6	21.1
1 6	3 57.77	+25 36.2	2.018	2.816	13.8	21.4

74081 1998 OU_{1} 11 30.9 55.°45 24.°2/ 3.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 4.55	−24 41.4	0.979	1.734	28.7	17.5
11 7	4 57.74	−25 59.0	0.948	1.739	26.9	17.4
11 17	4 46.99	−26 23.7	0.928	1.744	25.4	17.3
11 27	4 33.83	−25 41.7	0.921	1.749	24.4	17.3
12 7	4 20.38	−23 48.5	0.930	1.755	24.3	17.3
12 17	4 8.74	−20 50.5	0.954	1.761	25.1	17.4
12 27	4 0.48	−17 3.3	0.994	1.767	26.5	17.5
1 6	3 56.32	−12 47.0	1.050	1.773	28.3	17.7

394181 2006 RV_{61} 11 30.9 71.°11 5.°6/28.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.89	+ 9 32.7	1.751	2.588	14.5	21.4
11 7	4 49.08	+ 8 27.4	1.706	2.610	11.0	21.2
11 17	4 41.19	+ 7 27.8	1.684	2.632	7.7	21.1
11 27	4 32.13	+ 6 39.1	1.689	2.653	5.6	21.0
12 7	4 22.98	+ 6 5.2	1.722	2.675	6.6	21.1
12 17	4 14.79	+ 5 48.4	1.782	2.697	9.5	21.3
12 27	4 8.44	+ 5 49.0	1.867	2.718	12.6	21.6
1 6	4 4.43	+ 6 5.4	1.973	2.739	15.2	21.8

499329 2009 WR_{159} 11 30.9 286.°53 0.°8/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.36	+26 33.3	2.270	3.093	12.0	21.2
11 7	4 48.09	+26 2.6	2.171	3.074	9.1	20.9
11 17	4 40.76	+25 22.8	2.098	3.055	5.6	20.7
11 27	4 32.07	+24 34.5	2.052	3.035	1.9	20.4
12 7	4 22.95	+23 39.9	2.036	3.016	2.4	20.4
12 17	4 14.41	+22 42.6	2.051	2.996	6.3	20.6
12 27	4 7.36	+21 47.1	2.093	2.977	9.9	20.8
1 6	4 2.48	+20 57.7	2.160	2.957	13.1	21.0

191489 2003 TW_{16} 11 30.9 94.°64 0.°0/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.67	+23 3.9	2.352	3.177	11.6	20.3
11 7	4 47.96	+22 45.5	2.286	3.191	8.6	20.1
11 17	4 40.48	+22 22.4	2.247	3.206	5.1	19.9
11 27	4 31.94	+21 55.3	2.235	3.220	1.5	19.7
12 7	4 23.23	+21 26.0	2.254	3.233	2.3	19.8
12 17	4 15.23	+20 57.1	2.303	3.247	5.8	20.0
12 27	4 8.71	+20 31.3	2.380	3.261	9.0	20.3
1 6	4 4.17	+20 11.0	2.482	3.274	11.7	20.5

265226 2004 CC_{115} 11 30.9 228.°39 0.°2/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.23	+23 20.2	1.695	2.529	15.0	21.1
11 7	4 52.19	+22 52.4	1.613	2.522	11.2	20.8
11 17	4 43.43	+22 16.8	1.553	2.514	6.8	20.6
11 27	4 32.86	+21 34.3	1.521	2.506	1.9	20.2
12 7	4 21.76	+20 47.7	1.517	2.497	3.1	20.3
12 17	4 11.52	+20 1.5	1.542	2.488	8.0	20.6
12 27	4 3.36	+19 20.8	1.593	2.478	12.4	20.8
1 6	3 58.05	+18 49.5	1.667	2.468	16.2	21.0

33387 1999 CA_{49} 11 30.9 69.°71 3.°2/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.98	+14 54.9	1.208	2.061	18.6	17.8
11 7	4 54.46	+14 46.2	1.164	2.081	13.9	17.6
11 17	4 44.77	+14 40.7	1.140	2.101	8.6	17.4
11 27	4 33.18	+14 40.5	1.141	2.122	3.8	17.2
12 7	4 21.40	+14 47.3	1.168	2.143	5.1	17.3
12 17	4 11.06	+15 2.3	1.220	2.163	10.0	17.7
12 27	4 3.49	+15 26.5	1.297	2.183	14.5	18.0
1 6	3 59.33	+15 59.4	1.394	2.204	18.3	18.3

43536 2001 DS_{107} 11 30.9 109.°29 0.°8/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.26	+20 2.8	2.313	3.142	11.6	19.6
11 7	4 47.73	+19 47.6	2.242	3.150	8.6	19.4
11 17	4 40.39	+19 29.9	2.197	3.157	5.2	19.2
11 27	4 31.94	+19 10.6	2.181	3.165	1.6	19.0
12 7	4 23.25	+18 51.4	2.194	3.172	2.6	19.1
12 17	4 15.21	+18 34.4	2.237	3.179	6.1	19.3
12 27	4 8.62	+18 21.7	2.308	3.186	9.4	19.6
1 6	4 4.01	+18 15.1	2.403	3.193	12.1	19.8

69274 1989 UZ_1 11 30.9 36.°89 2.°0/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.54	+23 52.7	0.843	1.720	22.4	17.2
11 7	4 53.03	+22 12.8	0.821	1.752	16.3	17.0
11 17	4 43.82	+20 23.0	0.818	1.786	9.6	16.8
11 27	4 32.82	+18 32.1	0.836	1.821	3.0	16.5
12 7	4 22.22	+16 51.4	0.878	1.857	5.1	16.8
12 17	4 13.81	+15 30.1	0.944	1.894	11.0	17.2
12 27	4 8.76	+14 33.6	1.031	1.931	16.1	17.7
1 6	4 7.40	+14 1.8	1.136	1.969	20.1	18.1

147500 2004 CX_{100} 11 30.9 214.°97 1.°8/ 1.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.57	+27 0.3	1.801	2.625	14.7	20.4
11 7	4 53.17	+27 2.4	1.717	2.619	11.1	20.2
11 17	4 44.03	+26 55.7	1.657	2.613	7.0	19.9
11 27	4 33.04	+26 38.7	1.624	2.606	2.8	19.6
12 7	4 21.49	+26 12.3	1.620	2.598	3.2	19.6
12 17	4 10.77	+25 39.4	1.645	2.591	7.5	19.9
12 27	4 2.12	+25 5.1	1.696	2.582	11.7	20.1
1 6	3 56.34	+24 34.2	1.771	2.573	15.3	20.3

480961 2003 US_{32} 11 30.9 22.°33 1.°4/ 1.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.39	+24 46.1	1.327	2.179	17.3	21.5
11 7	4 50.54	+24 58.9	1.270	2.187	13.0	21.3
11 17	4 42.58	+25 4.2	1.233	2.195	8.0	21.0
11 27	4 32.62	+25 1.0	1.220	2.204	2.8	20.7
12 7	4 22.23	+24 50.2	1.234	2.214	3.5	20.8
12 17	4 13.01	+24 34.7	1.274	2.225	8.6	21.1
12 27	4 6.32	+24 19.4	1.337	2.237	13.2	21.4
1 6	4 2.90	+24 8.3	1.422	2.249	17.1	21.7

105170 2000 OK_{15} 11 30.9 63.°08 4.°2/ 2.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.06	+33 54.4	1.826	2.638	15.0	19.1
11 7	4 51.85	+34 3.4	1.768	2.656	11.7	19.0
11 17	4 43.05	+33 58.1	1.731	2.673	8.0	18.8
11 27	4 32.70	+33 36.5	1.721	2.691	4.8	18.6
12 7	4 22.15	+32 59.6	1.739	2.709	4.6	18.7
12 17	4 12.69	+32 11.2	1.785	2.727	7.4	18.9
12 27	4 5.44	+31 17.5	1.858	2.745	10.8	19.1
1 6	4 1.00	+30 24.8	1.954	2.763	13.8	19.4

22542 Pendri 11 30.9 224.°33 3.°9/ 2.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 1.52	+31 15.2	1.693	2.510	15.8	19.4
11 7	4 54.98	+31 39.9	1.609	2.503	12.3	19.2
11 17	4 45.31	+31 53.0	1.548	2.495	8.3	18.9
11 27	4 33.45	+31 50.7	1.513	2.487	4.6	18.7
12 7	4 20.87	+31 32.0	1.505	2.478	4.6	18.7
12 17	4 9.19	+30 59.5	1.526	2.469	8.4	18.9
12 27	3 59.85	+30 19.2	1.573	2.459	12.5	19.1
1 6	3 53.77	+29 38.1	1.642	2.448	16.1	19.3

325839 2010 TX_1 11 30.9 55.°46 1.°1/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.68	+19 41.7	1.150	2.007	19.0	20.6
11 7	4 53.82	+19 40.7	1.102	2.023	14.1	20.3
11 17	4 44.55	+19 37.1	1.074	2.038	8.5	20.1
11 27	4 33.17	+19 31.7	1.070	2.055	2.5	19.8
12 7	4 21.49	+19 26.1	1.092	2.071	4.0	19.9
12 17	4 11.27	+19 23.2	1.139	2.088	9.6	20.3
12 27	4 3.95	+19 26.2	1.209	2.105	14.6	20.6
1 6	4 0.23	+19 37.1	1.299	2.122	18.6	21.0

383046 2005 QT_{57} 11 30.9 13.°28 5.°0/ 2.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.71	+32 5.1	1.249	2.090	18.8	19.8
11 7	4 52.80	+32 36.5	1.187	2.092	14.7	19.6
11 17	4 44.20	+32 52.4	1.144	2.095	10.0	19.3
11 27	4 33.14	+32 48.6	1.124	2.098	5.9	19.1
12 7	4 21.44	+32 24.4	1.130	2.103	5.7	19.1
12 17	4 11.07	+31 43.9	1.160	2.107	9.7	19.4
12 27	4 3.67	+30 55.3	1.213	2.113	14.2	19.7
1 6	4 0.08	+30 7.4	1.287	2.120	18.2	19.9

15032 Alexlevin 11 30.9 11.°66 2.°9/ 1.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.17	+29 41.0	1.244	2.092	18.5	17.5
11 7	4 51.45	+29 32.9	1.181	2.094	14.1	17.3
11 17	4 43.27	+29 9.4	1.138	2.096	9.1	17.0
11 27	4 32.85	+28 29.2	1.119	2.099	4.1	16.7
12 7	4 21.94	+27 35.1	1.124	2.103	4.2	16.7
12 17	4 12.34	+26 33.1	1.155	2.108	9.1	17.0
12 27	4 5.56	+25 31.7	1.210	2.113	14.0	17.3
1 6	4 2.35	+24 38.2	1.286	2.119	18.2	17.6

197965 2004 RR_{103} 11 30.9 151.°81 2.°7/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.65	+17 3.5	1.865	2.699	13.8	20.4
11 7	4 50.54	+16 13.4	1.796	2.705	10.3	20.2
11 17	4 42.20	+15 21.1	1.752	2.711	6.4	20.0
11 27	4 32.49	+14 30.0	1.736	2.716	3.0	19.8
12 7	4 22.52	+13 43.9	1.749	2.721	4.2	19.9
12 17	4 13.40	+13 6.5	1.791	2.725	8.0	20.1
12 27	4 6.09	+12 40.7	1.860	2.729	11.7	20.3
1 6	4 1.22	+12 27.8	1.951	2.733	14.8	20.6

446815 2000 BQ_{24} 11 30.9 310.°21 5.°5/29.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.59	+ 7 48.0	1.591	2.429	15.6	20.6
11 7	4 50.46	+ 7 44.6	1.502	2.408	12.2	20.3
11 17	4 42.58	+ 7 51.4	1.436	2.386	8.5	20.1
11 27	4 32.71	+ 8 11.8	1.395	2.365	5.7	19.8
12 7	4 22.03	+ 8 47.8	1.381	2.344	6.6	19.9
12 17	4 11.90	+ 9 39.3	1.393	2.323	10.3	20.0
12 27	4 3.65	+10 44.9	1.431	2.303	14.4	20.2
1 6	3 58.21	+12 1.8	1.490	2.283	18.1	20.4

214120 2004 VZ_{73} 11 30.9 21.°58 2.°7/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.15	+17 29.0	1.042	1.911	19.6	20.5
11 7	4 51.57	+17 8.5	0.989	1.916	14.7	20.2
11 17	4 43.41	+16 47.5	0.955	1.921	9.0	19.9
11 27	4 32.90	+16 28.8	0.944	1.927	3.5	19.6
12 7	4 21.90	+16 15.8	0.956	1.934	5.1	19.8
12 17	4 12.28	+16 11.9	0.993	1.942	10.8	20.1
12 27	4 5.59	+16 19.6	1.051	1.950	16.0	20.4
1 6	4 2.62	+16 39.6	1.128	1.959	20.3	20.7

369494 2010 UQ_{74} 11 30.9 127.°73 1.°9/ 1.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 2.65	+28 18.7	1.602	2.426	16.2	21.2
11 7	4 55.39	+28 2.4	1.540	2.441	12.2	21.0
11 17	4 45.24	+27 33.9	1.500	2.455	7.7	20.8
11 27	4 33.36	+26 52.9	1.487	2.468	3.0	20.5
12 7	4 21.24	+26 1.8	1.502	2.481	3.3	20.6
12 17	4 10.38	+25 5.7	1.547	2.493	7.9	20.9
12 27	4 2.01	+24 11.3	1.617	2.504	12.1	21.2
1 6	3 56.76	+23 24.1	1.711	2.515	15.7	21.4

410906 2009 SZ_{142} 11 30.9 337.°48 2.°5/ 1.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.91	+28 51.9	2.047	2.869	13.2	21.3
11 7	4 49.47	+29 9.0	1.967	2.866	10.1	21.1
11 17	4 41.70	+29 17.8	1.912	2.863	6.6	20.9
11 27	4 32.39	+29 16.5	1.883	2.861	3.2	20.7
12 7	4 22.64	+29 5.3	1.883	2.859	3.3	20.7
12 17	4 13.58	+28 46.1	1.912	2.857	6.7	20.9
12 27	4 6.28	+28 22.7	1.968	2.855	10.3	21.1
1 6	4 1.44	+27 59.2	2.047	2.853	13.4	21.3

92050 1999 VQ_{205} 11 30.9 170.°71 1.°2/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.14	+20 21.8	2.284	3.114	11.7	19.6
11 7	4 47.69	+19 43.8	2.208	3.115	8.7	19.4
11 17	4 40.40	+19 1.8	2.156	3.116	5.2	19.2
11 27	4 31.98	+18 17.7	2.134	3.117	1.7	18.9
12 7	4 23.31	+17 34.3	2.141	3.118	2.8	19.0
12 17	4 15.29	+16 54.6	2.178	3.118	6.4	19.3
12 27	4 8.72	+16 21.7	2.243	3.119	9.7	19.5
1 6	4 4.15	+15 57.5	2.333	3.119	12.6	19.7

327100 2004 XU_{159} 11 30.9 332.°16 0.°4/30.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.23	+19 49.8	2.144	2.975	12.4	20.6
11 7	4 48.74	+20 5.6	2.064	2.972	9.2	20.4
11 17	4 41.18	+20 20.2	2.010	2.970	5.5	20.1
11 27	4 32.24	+20 33.6	1.983	2.967	1.6	19.9
12 7	4 22.88	+20 45.9	1.985	2.965	2.6	19.9
12 17	4 14.10	+20 58.0	2.018	2.962	6.5	20.2
12 27	4 6.86	+21 11.2	2.078	2.960	10.0	20.4
1 6	4 1.80	+21 27.2	2.161	2.958	13.1	20.6

147646 2004 JK_{25} 11 30.9 242.°78 0.°8/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.99	+21 0.5	1.794	2.627	14.3	21.2
11 7	4 51.98	+20 41.8	1.705	2.614	10.7	20.9
11 17	4 43.34	+20 18.4	1.640	2.600	6.5	20.6
11 27	4 32.90	+19 51.0	1.601	2.586	1.9	20.3
12 7	4 21.85	+19 21.8	1.592	2.571	3.2	20.4
12 17	4 11.50	+18 54.0	1.612	2.555	7.9	20.6
12 27	4 3.05	+18 31.6	1.658	2.539	12.2	20.9
1 6	3 57.31	+18 17.5	1.726	2.523	15.9	21.1

321935 2010 TM_{111} 11 30.9 10.°18 0.°4/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.06	+21 49.9	1.847	2.685	13.8	20.9
11 7	4 48.83	+21 35.1	1.774	2.685	10.2	20.6
11 17	4 41.30	+21 15.6	1.725	2.686	6.2	20.4
11 27	4 32.29	+20 52.4	1.703	2.687	1.8	20.1
12 7	4 22.91	+20 27.5	1.709	2.688	2.8	20.2
12 17	4 14.31	+20 3.7	1.744	2.690	7.2	20.5
12 27	4 7.51	+19 44.4	1.805	2.691	11.1	20.7
1 6	4 3.18	+19 32.0	1.889	2.693	14.4	20.9

189128 2001 XV_{133} 11 30.9 45.°26 0.°1/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.57	+22 47.7	1.235	2.090	18.1	19.5
11 7	4 52.03	+22 29.6	1.190	2.109	13.4	19.3
11 17	4 43.36	+22 4.7	1.165	2.129	8.0	19.0
11 27	4 32.85	+21 34.2	1.165	2.150	2.3	18.7
12 7	4 22.18	+21 1.4	1.191	2.171	3.5	18.9
12 17	4 12.94	+20 30.9	1.243	2.193	8.9	19.3
12 27	4 6.39	+20 7.2	1.318	2.215	13.6	19.6
1 6	4 3.14	+19 53.5	1.414	2.237	17.4	19.9

436922 2012 TR_{100} 11 30.9 129.°84 0.°8/30.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.97	+20 26.5	1.858	2.688	14.0	22.4
11 7	4 52.29	+20 13.6	1.794	2.702	10.4	22.2
11 17	4 43.28	+19 57.2	1.754	2.714	6.2	22.0
11 27	4 32.84	+19 38.3	1.742	2.727	1.9	21.7
12 7	4 22.13	+19 18.7	1.760	2.738	3.0	21.8
12 17	4 12.35	+19 0.9	1.806	2.749	7.3	22.1
12 27	4 4.51	+18 48.0	1.880	2.760	11.1	22.4
1 6	3 59.23	+18 42.0	1.977	2.770	14.3	22.6

480119 2015 FY_{90} 11 30.9 188.°30 3.°7/29.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.05	+14 22.4	1.822	2.655	14.2	22.1
11 7	4 51.70	+13 29.6	1.748	2.655	10.7	21.9
11 17	4 42.99	+12 36.7	1.698	2.654	6.9	21.7
11 27	4 32.78	+11 47.3	1.676	2.652	3.9	21.5
12 7	4 22.20	+11 5.7	1.683	2.650	5.1	21.6
12 17	4 12.43	+10 35.4	1.718	2.646	8.8	21.8
12 27	4 4.51	+10 18.9	1.780	2.642	12.5	22.0
1 6	3 59.12	+10 16.7	1.864	2.638	15.7	22.2

352660 2008 RX_3 11 30.9 135.°79 0.°8/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.55	+20 55.4	1.918	2.747	13.7	22.5
11 7	4 51.92	+20 36.1	1.852	2.759	10.2	22.3
11 17	4 43.04	+20 12.8	1.811	2.771	6.1	22.1
11 27	4 32.77	+19 46.4	1.798	2.782	1.8	21.8
12 7	4 22.25	+19 19.3	1.814	2.792	2.9	21.9
12 17	4 12.63	+18 54.2	1.860	2.802	7.1	22.2
12 27	4 4.88	+18 34.3	1.933	2.811	10.9	22.5
1 6	3 59.62	+18 22.0	2.029	2.820	14.0	22.7

189908 2003 SQ_{109} 11 30.9 35.°63 1.°0/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.60	+26 5.2	1.822	2.657	14.0	18.9
11 7	4 48.43	+25 47.3	1.762	2.670	10.5	18.7
11 17	4 40.99	+25 21.1	1.725	2.684	6.4	18.5
11 27	4 32.19	+24 47.1	1.715	2.698	2.2	18.3
12 7	4 23.17	+24 7.8	1.733	2.713	2.7	18.3
12 17	4 15.09	+23 26.9	1.779	2.728	6.8	18.6
12 27	4 8.89	+22 48.6	1.853	2.743	10.6	18.9
1 6	4 5.17	+22 16.7	1.949	2.759	13.8	19.1

73685 1990 SE_9 11 30.9 60.°75 0.°4/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.88	+22 25.7	1.592	2.432	15.5	18.9
11 7	4 51.87	+22 39.3	1.535	2.446	11.5	18.7
11 17	4 43.19	+22 48.5	1.499	2.460	7.0	18.5
11 27	4 32.84	+22 52.8	1.491	2.475	2.1	18.2
12 7	4 22.17	+22 52.5	1.510	2.490	3.0	18.3
12 17	4 12.54	+22 49.8	1.557	2.505	7.7	18.6
12 27	4 5.11	+22 47.7	1.630	2.520	11.9	18.9
1 6	4 0.57	+22 49.1	1.725	2.535	15.3	19.1

41138 1999 VZ_{114} 11 30.9 121.°03 0.°9/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.59	+26 34.8	2.275	3.096	12.1	18.9
11 7	4 48.81	+26 10.2	2.202	3.103	9.0	18.7
11 17	4 41.10	+25 37.6	2.154	3.110	5.6	18.5
11 27	4 32.22	+24 57.6	2.134	3.117	1.9	18.2
12 7	4 23.13	+24 12.4	2.144	3.123	2.4	18.3
12 17	4 14.77	+23 25.1	2.184	3.129	6.0	18.5
12 27	4 8.00	+22 39.9	2.252	3.135	9.3	18.8
1 6	4 3.35	+22 0.2	2.345	3.141	12.2	19.0

68389 2001 QE_{44} 11 30.9 42.°41 1.°8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.62	+18 4.1	1.716	2.558	14.4	19.4
11 7	4 49.29	+17 45.6	1.651	2.564	10.7	19.2
11 17	4 41.59	+17 25.8	1.609	2.571	6.5	19.0
11 27	4 32.39	+17 6.4	1.594	2.577	2.4	18.7
12 7	4 22.87	+16 49.8	1.607	2.584	3.6	18.8
12 17	4 14.21	+16 38.3	1.648	2.591	7.8	19.1
12 27	4 7.45	+16 34.4	1.715	2.598	11.8	19.4
1 6	4 3.24	+16 39.2	1.805	2.606	15.1	19.6

441194 2007 UU_{15} 11 30.9 97.°83 2.°0/30.2 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.75	+17 40.2	1.917	2.748	13.6	22.2
11 7	4 51.16	+17 10.9	1.864	2.771	10.0	22.0
11 17	4 42.48	+16 40.5	1.835	2.794	6.1	21.8
11 27	4 32.60	+16 10.8	1.835	2.817	2.4	21.6
12 7	4 22.62	+15 44.6	1.864	2.839	3.5	21.8
12 17	4 13.59	+15 24.4	1.922	2.860	7.3	22.0
12 27	4 6.39	+15 12.4	2.008	2.881	10.8	22.3
1 6	4 1.57	+15 9.6	2.117	2.901	13.7	22.5

440107 2003 HC_{14} 11 30.9 210.°54 5.°7/28.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.86	+ 6 44.6	2.121	2.942	12.9	21.8
11 7	4 49.83	+ 5 55.3	2.043	2.935	10.1	21.6
11 17	4 41.80	+ 5 12.1	1.989	2.928	7.4	21.5
11 27	4 32.46	+ 4 38.9	1.962	2.919	5.7	21.3
12 7	4 22.74	+ 4 19.4	1.965	2.911	6.6	21.4
12 17	4 13.62	+ 4 15.5	1.996	2.901	9.2	21.5
12 27	4 5.99	+ 4 27.8	2.053	2.891	12.1	21.7
1 6	4 0.49	+ 4 54.9	2.133	2.880	14.8	21.9

17561 1994 AE_{11} 11 30.9 0.°84 0.°6/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.88	+19 46.3	1.254	2.114	17.6	17.9
11 7	4 50.40	+19 58.8	1.189	2.111	13.2	17.7
11 17	4 42.69	+20 10.0	1.145	2.110	8.0	17.4
11 27	4 32.78	+20 19.7	1.125	2.110	2.3	17.0
12 7	4 22.24	+20 28.6	1.131	2.111	3.7	17.1
12 17	4 12.75	+20 38.3	1.162	2.113	9.3	17.5
12 27	4 5.79	+20 51.4	1.216	2.116	14.2	17.8
1 6	4 2.21	+21 9.8	1.290	2.119	18.4	18.0

273497 2007 AH_{18} 11 30.9 299.°35 4.°1/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.98	+13 33.5	1.423	2.273	16.4	20.2
11 7	4 50.92	+13 8.6	1.346	2.262	12.5	20.0
11 17	4 42.91	+12 46.7	1.291	2.251	8.1	19.7
11 27	4 32.86	+12 31.1	1.261	2.240	4.4	19.4
12 7	4 22.12	+12 24.9	1.257	2.229	5.6	19.5
12 17	4 12.19	+12 30.6	1.280	2.218	10.1	19.7
12 27	4 4.46	+12 49.6	1.326	2.208	14.6	20.0
1 6	3 59.79	+13 21.5	1.393	2.198	18.6	20.2

230192 2001 ST_{116} 11 30.9 100.°52 1.°4/ 1.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.30	+27 1.2	1.592	2.424	15.9	20.3
11 7	4 52.97	+26 43.8	1.529	2.435	11.9	20.1
11 17	4 43.86	+26 15.7	1.489	2.446	7.4	19.8
11 27	4 33.05	+25 37.0	1.475	2.457	2.7	19.6
12 7	4 21.96	+24 50.3	1.489	2.468	3.1	19.6
12 17	4 12.02	+24 0.2	1.531	2.479	7.8	19.9
12 27	4 4.42	+23 12.9	1.600	2.489	12.0	20.2
1 6	3 59.81	+22 33.0	1.690	2.500	15.6	20.5

402333 2005 UT_{206} 11 30.9 42.°25 0.°1/30.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.95	+22 25.6	1.858	2.693	13.8	21.8
11 7	4 49.49	+22 27.4	1.789	2.699	10.3	21.6
11 17	4 41.70	+22 24.9	1.744	2.705	6.2	21.3
11 27	4 32.45	+22 18.1	1.726	2.710	1.8	21.1
12 7	4 22.83	+22 8.2	1.737	2.717	2.7	21.2
12 17	4 14.02	+21 57.3	1.776	2.723	7.0	21.4
12 27	4 7.04	+21 48.2	1.842	2.729	10.8	21.7
1 6	4 2.54	+21 43.6	1.931	2.736	14.1	21.9

221890 2008 JX_{11} 11 30.9 75.°68 2.°8/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.12	+16 55.1	1.453	2.301	16.3	20.9
11 7	4 51.48	+16 23.4	1.391	2.307	12.1	20.7
11 17	4 43.04	+15 50.7	1.351	2.312	7.5	20.4
11 27	4 32.84	+15 20.0	1.337	2.318	3.2	20.2
12 7	4 22.26	+14 54.8	1.349	2.324	4.6	20.3
12 17	4 12.73	+14 38.3	1.389	2.330	9.2	20.6
12 27	4 5.46	+14 33.1	1.453	2.336	13.5	20.8
1 6	4 1.16	+14 40.1	1.538	2.341	17.2	21.1

154499 2003 FX_{26} 11 30.9 127.°53 0.°9/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.66	+24 49.9	1.932	2.755	13.9	20.9
11 7	4 52.82	+24 50.5	1.867	2.770	10.3	20.7
11 17	4 43.62	+24 44.3	1.826	2.783	6.3	20.5
11 27	4 32.98	+24 31.2	1.814	2.797	2.1	20.3
12 7	4 22.07	+24 12.0	1.830	2.810	2.7	20.3
12 17	4 12.08	+23 49.6	1.877	2.822	6.8	20.6
12 27	4 4.05	+23 27.6	1.950	2.833	10.6	20.9
1 6	3 58.60	+23 9.5	2.048	2.844	13.7	21.1

148045 1998 SX_{64} 11 30.9 37.°87 0.°5/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.97	+20 7.9	1.129	1.990	19.0	19.1
11 7	4 52.64	+20 20.0	1.084	2.006	14.1	18.9
11 17	4 43.92	+20 29.6	1.059	2.024	8.4	18.6
11 27	4 33.09	+20 36.5	1.057	2.041	2.4	18.3
12 7	4 21.96	+20 41.7	1.080	2.060	3.8	18.5
12 17	4 12.29	+20 47.2	1.128	2.080	9.4	18.9
12 27	4 5.47	+20 56.1	1.200	2.100	14.4	19.2
1 6	4 2.22	+21 10.6	1.291	2.120	18.4	19.5

398179 2010 JD_{78} 11 30.9 234.°13 2.°1/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.42	+18 3.1	1.894	2.730	13.6	21.8
11 7	4 49.81	+17 25.4	1.813	2.724	10.1	21.5
11 17	4 41.92	+16 44.9	1.757	2.717	6.2	21.3
11 27	4 32.53	+16 4.0	1.728	2.710	2.6	21.0
12 7	4 22.72	+15 25.8	1.728	2.702	3.8	21.1
12 17	4 13.62	+14 54.0	1.756	2.694	7.8	21.3
12 27	4 6.26	+14 31.6	1.811	2.687	11.7	21.5
1 6	4 1.32	+14 20.4	1.889	2.678	15.0	21.8

436103 2009 SP_{288} 11 30.9 36.°14 4.°4/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.18	+29 24.5	1.248	2.091	18.8	20.5
11 7	4 54.57	+30 15.9	1.191	2.099	14.4	20.3
11 17	4 45.30	+30 56.1	1.155	2.108	9.6	20.1
11 27	4 33.56	+31 20.0	1.142	2.118	5.2	19.9
12 7	4 21.22	+31 25.4	1.154	2.128	5.3	19.9
12 17	4 10.22	+31 15.0	1.192	2.139	9.6	20.2
12 27	4 2.20	+30 55.2	1.253	2.150	14.1	20.5
1 6	3 58.02	+30 33.3	1.335	2.162	18.0	20.7

196258 2003 EM_5 11 30.9 258.°62 0.°3/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.57	+23 43.1	1.693	2.528	14.9	20.9
11 7	4 51.87	+23 33.1	1.607	2.516	11.2	20.6
11 17	4 43.40	+23 16.2	1.544	2.504	6.9	20.3
11 27	4 33.01	+22 52.3	1.507	2.492	2.1	20.0
12 7	4 21.99	+22 23.2	1.499	2.479	3.0	20.1
12 17	4 11.73	+21 52.0	1.519	2.466	7.9	20.3
12 27	4 3.51	+21 23.5	1.565	2.453	12.4	20.6
1 6	3 58.18	+21 1.7	1.633	2.439	16.2	20.8

156362 2001 XN_{224} 11 30.9 51.°10 1.°1/ 1.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.94	+24 41.4	1.298	2.146	17.8	19.7
11 7	4 53.06	+24 44.2	1.250	2.165	13.3	19.4
11 17	4 44.03	+24 38.8	1.223	2.185	8.1	19.2
11 27	4 33.13	+24 24.7	1.221	2.205	2.6	18.9
12 7	4 21.99	+24 3.7	1.245	2.226	3.4	19.0
12 17	4 12.26	+23 39.7	1.296	2.247	8.6	19.4
12 27	4 5.22	+23 17.8	1.371	2.268	13.2	19.7
1 6	4 1.50	+23 1.9	1.468	2.289	16.9	20.0

480969 2003 UQ_{299} 11 30.9 338.°20 7.°3/ 1.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.85	+32 29.5	1.303	2.140	18.4	20.6
11 7	4 53.48	+34 10.9	1.224	2.124	14.8	20.3
11 17	4 45.14	+35 44.6	1.165	2.109	10.8	20.0
11 27	4 33.68	+37 1.3	1.130	2.095	7.7	19.8
12 7	4 20.82	+37 54.0	1.120	2.082	7.9	19.8
12 17	4 8.70	+38 20.2	1.134	2.071	11.3	20.0
12 27	3 59.46	+38 24.4	1.171	2.061	15.5	20.2
1 6	3 54.42	+38 15.3	1.227	2.052	19.4	20.4

54827 Kurpfalz 11 30.9 33.°95 0.°8/30.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.04	+20 1.2	1.101	1.965	19.2	18.0
11 7	4 52.00	+20 6.5	1.057	1.981	14.2	17.8
11 17	4 43.56	+20 9.3	1.032	1.998	8.5	17.6
11 27	4 33.02	+20 9.9	1.031	2.016	2.5	17.3
12 7	4 22.20	+20 9.7	1.055	2.035	3.9	17.4
12 17	4 12.84	+20 11.1	1.103	2.055	9.5	17.8
12 27	4 6.36	+20 17.4	1.174	2.075	14.5	18.2
1 6	4 3.42	+20 30.4	1.265	2.097	18.6	18.5

278857 2008 TY_{24} 11 30.9 322.°91 2.°6/ 1.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.14	+28 33.1	2.205	3.023	12.5	21.0
11 7	4 49.59	+29 3.5	2.122	3.018	9.6	20.8
11 17	4 41.82	+29 27.0	2.064	3.014	6.3	20.6
11 27	4 32.55	+29 41.6	2.033	3.010	3.2	20.4
12 7	4 22.80	+29 46.6	2.031	3.006	3.3	20.4
12 17	4 13.63	+29 43.1	2.059	3.002	6.5	20.5
12 27	4 6.08	+29 34.0	2.114	2.998	9.8	20.7
1 6	4 0.85	+29 23.0	2.193	2.995	12.8	20.9

218495 2004 TZ_{59} 11 30.9 71.°80 1.°1/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.96	+19 25.3	2.066	2.900	12.7	20.2
11 7	4 48.49	+19 12.4	1.999	2.908	9.4	20.0
11 17	4 41.01	+18 57.4	1.956	2.917	5.6	19.8
11 27	4 32.28	+18 41.4	1.941	2.925	1.8	19.6
12 7	4 23.29	+18 26.1	1.956	2.934	2.9	19.7
12 17	4 15.03	+18 13.5	1.999	2.942	6.7	20.0
12 27	4 8.37	+18 5.9	2.070	2.951	10.2	20.2
1 6	4 3.89	+18 4.8	2.164	2.959	13.1	20.4

353931 1995 QL_4 11 30.9 21.°68 4.°5/ 2.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.81	+30 48.7	0.961	1.827	21.2	19.7
11 7	4 50.15	+31 6.5	0.925	1.845	16.2	19.4
11 17	4 42.62	+31 6.2	0.907	1.866	10.7	19.2
11 27	4 32.76	+30 45.5	0.910	1.888	5.6	19.0
12 7	4 22.70	+30 7.0	0.935	1.912	5.4	19.1
12 17	4 14.42	+29 17.4	0.984	1.938	9.9	19.4
12 27	4 9.39	+28 25.9	1.054	1.966	14.7	19.8
1 6	4 8.19	+27 40.0	1.144	1.995	18.8	20.2

118103 2279 $T\text{-}_3$ 11 30.9 38.°67 2.°4/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 52.37	+17 10.8	2.026	2.865	12.7	19.6
11 7	4 47.31	+16 24.8	1.958	2.869	9.4	19.4
11 17	4 40.29	+15 37.0	1.915	2.874	5.8	19.2
11 27	4 32.08	+14 50.5	1.899	2.879	2.7	19.0
12 7	4 23.62	+14 8.5	1.912	2.884	3.8	19.1
12 17	4 15.88	+13 34.4	1.954	2.890	7.3	19.3
12 27	4 9.71	+13 10.6	2.022	2.895	10.7	19.5
1 6	4 5.68	+12 58.2	2.114	2.901	13.7	19.7

297974 2002 JU_{104} 11 30.9 71.°29 1.°4/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.42	+21 12.7	1.654	2.491	15.2	20.3
11 7	4 51.86	+20 20.3	1.608	2.519	11.1	20.1
11 17	4 42.96	+19 22.7	1.586	2.547	6.6	19.9
11 27	4 32.80	+18 23.2	1.591	2.575	2.2	19.7
12 7	4 22.64	+17 26.1	1.626	2.603	3.5	19.9
12 17	4 13.68	+16 36.0	1.688	2.630	7.8	20.2
12 27	4 6.86	+15 56.8	1.778	2.657	11.6	20.5
1 6	4 2.68	+15 30.3	1.889	2.684	14.8	20.8

349981 2010 EQ_{113} 11 30.9 74.°29 3.°4/30.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.23	+13 1.3	1.596	2.435	15.5	19.6
11 7	4 51.95	+12 55.5	1.544	2.453	11.6	19.4
11 17	4 43.18	+12 54.1	1.514	2.471	7.3	19.2
11 27	4 32.91	+12 58.9	1.510	2.488	3.8	19.0
12 7	4 22.40	+13 11.1	1.535	2.506	4.8	19.1
12 17	4 12.93	+13 31.6	1.587	2.524	8.6	19.4
12 27	4 5.54	+14 0.5	1.665	2.541	12.5	19.7
1 6	4 0.88	+14 37.1	1.765	2.559	15.7	19.9

508917 2004 BS_{71} 11 30.9 357.°41 23.°2/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.17	−21 20.6	0.972	1.763	26.5	20.0
11 7	4 48.03	−22 47.4	0.935	1.755	25.1	19.8
11 17	4 41.38	−23 25.5	0.911	1.750	23.9	19.7
11 27	4 32.47	−23 1.3	0.899	1.747	23.3	19.7
12 7	4 23.05	−21 29.3	0.902	1.746	23.4	19.7
12 17	4 14.92	−18 53.3	0.920	1.747	24.3	19.8
12 27	4 9.57	−15 25.7	0.954	1.751	25.8	19.9
1 6	4 7.80	−11 24.5	1.002	1.756	27.5	20.1

364979 2008 HX_{46} 11 30.9 301.°41 7.°1/28.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.14	+ 3 24.3	1.890	2.715	14.0	20.1
11 7	4 48.15	+ 2 47.0	1.809	2.700	11.3	19.9
11 17	4 40.97	+ 2 20.0	1.752	2.685	8.6	19.8
11 27	4 32.33	+ 2 7.9	1.720	2.670	7.1	19.6
12 7	4 23.19	+ 2 14.2	1.716	2.656	7.9	19.7
12 17	4 14.62	+ 2 40.0	1.738	2.642	10.4	19.8
12 27	4 7.61	+ 3 24.6	1.785	2.627	13.4	19.9
1 6	4 2.86	+ 4 25.0	1.853	2.614	16.3	20.1

15289 1991 TL 11 30.9 99.°68 4.°2/29.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 0.40	+13 34.9	1.361	2.207	17.3	18.6
11 7	4 53.89	+13 3.1	1.309	2.222	13.0	18.4
11 17	4 44.48	+12 34.6	1.279	2.237	8.3	18.2
11 27	4 33.30	+12 12.9	1.273	2.251	4.5	18.0
12 7	4 21.86	+12 1.3	1.295	2.266	5.7	18.1
12 17	4 11.65	+12 1.9	1.344	2.280	10.0	18.4
12 27	4 3.92	+12 15.8	1.417	2.293	14.2	18.7
1 6	3 59.31	+12 42.2	1.510	2.306	17.8	18.9

17022 Huisjen 11 30.9 96.°20 0.°9/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.64	+19 46.2	1.698	2.532	15.0	18.1
11 7	4 52.94	+19 43.0	1.642	2.551	11.1	17.9
11 17	4 43.75	+19 37.4	1.610	2.571	6.6	17.7
11 27	4 33.08	+19 29.9	1.605	2.590	2.0	17.4
12 7	4 22.19	+19 21.9	1.629	2.608	3.1	17.6
12 17	4 12.34	+19 15.6	1.682	2.626	7.6	17.9
12 27	4 4.61	+19 13.5	1.762	2.644	11.5	18.1
1 6	3 59.60	+19 17.5	1.864	2.661	14.8	18.4

69153 2003 HJ_{22} 11 30.9 184.°66 3.°8/29.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.48	+12 58.8	1.869	2.703	13.8	20.3
11 7	4 50.54	+12 25.1	1.797	2.703	10.4	20.1
11 17	4 42.35	+11 53.7	1.748	2.703	6.8	19.9
11 27	4 32.71	+11 27.6	1.727	2.702	3.9	19.7
12 7	4 22.70	+11 9.6	1.735	2.701	5.0	19.8
12 17	4 13.43	+11 2.2	1.771	2.700	8.5	20.0
12 27	4 5.91	+11 6.6	1.833	2.698	12.0	20.2
1 6	4 0.80	+11 22.8	1.917	2.696	15.2	20.4

451927 2014 KX_{93} 11 30.9 115.°22 0.°9/30.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.46	+19 20.5	2.195	3.021	12.3	21.8
11 7	4 50.18	+19 16.4	2.131	3.037	9.1	21.7
11 17	4 41.96	+19 10.5	2.093	3.052	5.4	21.5
11 27	4 32.57	+19 3.5	2.082	3.066	1.7	21.2
12 7	4 22.95	+18 56.5	2.102	3.081	2.7	21.3
12 17	4 14.08	+18 51.1	2.153	3.094	6.3	21.6
12 27	4 6.79	+18 49.3	2.231	3.108	9.7	21.8
1 6	4 1.66	+18 52.5	2.333	3.121	12.5	22.1

410868 2009 RC_{76} 11 30.9 30.°79 3.°2/29.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 52.29	+15 46.8	1.846	2.689	13.5	20.7
11 7	4 47.38	+14 52.3	1.783	2.695	10.1	20.5
11 17	4 40.39	+13 57.1	1.743	2.702	6.4	20.3
11 27	4 32.13	+13 5.0	1.731	2.709	3.4	20.1
12 7	4 23.63	+12 20.0	1.747	2.717	4.6	20.2
12 17	4 15.93	+11 45.6	1.792	2.725	8.1	20.4
12 27	4 9.92	+11 24.2	1.862	2.733	11.6	20.6
1 6	4 6.18	+11 16.3	1.954	2.742	14.6	20.9

187940 2001 GG_1 11 30.9 341.°69 2.°3/ 1.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.98	+25 46.5	1.154	2.012	18.9	20.2
11 7	4 51.78	+26 8.7	1.084	2.004	14.4	19.9
11 17	4 43.85	+26 22.5	1.034	1.996	9.1	19.6
11 27	4 33.27	+26 25.3	1.007	1.989	3.6	19.2
12 7	4 21.80	+26 16.7	1.004	1.984	4.2	19.3
12 17	4 11.45	+25 59.8	1.025	1.979	9.8	19.6
12 27	4 3.99	+25 40.5	1.070	1.975	15.2	19.9
1 6	4 0.41	+25 24.8	1.133	1.972	19.7	20.1

137482 1999 UM_{30} 11 30.9 56.°27 2.°5/30.3 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 1.01	+18 22.0	1.139	1.995	19.2	19.7
11 7	4 54.46	+17 46.8	1.106	2.026	14.1	19.5
11 17	4 44.75	+17 10.1	1.093	2.057	8.5	19.2
11 27	4 33.33	+16 35.1	1.105	2.088	3.2	19.0
12 7	4 21.99	+16 6.0	1.142	2.119	4.7	19.2
12 17	4 12.33	+15 46.4	1.205	2.150	9.8	19.6
12 27	4 5.55	+15 39.0	1.292	2.181	14.3	20.0
1 6	4 2.16	+15 44.2	1.398	2.212	18.0	20.3

163316 2002 JO_{85} 11 30.9 150.°79 1.°3/ 1.4 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 57.96	+25 27.1	1.845	2.673	14.2	20.7
11 7	4 51.86	+25 34.3	1.771	2.676	10.7	20.5
11 17	4 43.24	+25 34.7	1.722	2.679	6.6	20.2
11 27	4 32.99	+25 27.2	1.699	2.681	2.4	20.0
12 7	4 22.31	+25 12.7	1.705	2.684	2.9	20.0
12 17	4 12.47	+24 53.4	1.740	2.686	7.1	20.3
12 27	4 4.59	+24 33.3	1.802	2.689	11.1	20.5
1 6	3 59.39	+24 16.3	1.887	2.691	14.4	20.7

317773 2003 SN_{126} 11 30.9 112.°14 0.°7/ 1.2 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 2.67	+25 8.0	1.602	2.430	16.0	20.8
11 7	4 55.31	+24 49.5	1.546	2.451	11.9	20.6
11 17	4 45.21	+24 22.1	1.513	2.471	7.2	20.4
11 27	4 33.50	+23 46.3	1.506	2.490	2.2	20.1
12 7	4 21.64	+23 4.8	1.529	2.509	3.0	20.2
12 17	4 11.03	+22 21.9	1.581	2.527	7.8	20.6
12 27	4 2.84	+21 43.1	1.659	2.544	12.0	20.9
1 6	3 57.66	+21 12.2	1.760	2.561	15.4	21.1

372339 2009 DS_{82} 11 30.9 239.°11 1.°9/30.5 16 R

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.15	+18 26.4	1.405	2.252	16.8	21.5
11 7	4 53.36	+18 10.0	1.331	2.246	12.6	21.2
11 17	4 44.45	+17 51.6	1.278	2.240	7.7	20.9
11 27	4 33.39	+17 32.7	1.251	2.234	2.7	20.6
12 7	4 21.67	+17 15.7	1.251	2.228	4.2	20.7
12 17	4 10.91	+17 3.9	1.277	2.222	9.4	21.0
12 27	4 2.53	+17 0.5	1.328	2.215	14.2	21.2
1 6	3 57.42	+17 7.5	1.400	2.208	18.3	21.5

293571 2007 HH_{73} 11 30.9 121.°18 0.°0/30.7 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.31	+21 50.7	2.499	3.321	11.1	21.3
11 7	4 48.48	+21 52.5	2.428	3.332	8.2	21.1
11 17	4 40.92	+21 51.2	2.383	3.342	4.9	20.9
11 27	4 32.29	+21 47.0	2.367	3.352	1.4	20.7
12 7	4 23.41	+21 40.6	2.382	3.361	2.2	20.8
12 17	4 15.13	+21 33.5	2.427	3.370	5.6	21.0
12 27	4 8.23	+21 27.7	2.500	3.379	8.7	21.2
1 6	4 3.24	+21 25.0	2.598	3.388	11.3	21.4

25255 1998 UX_{32} 11 30.9 167.°29 3.°1/ 1.9 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 0.36	+30 41.8	2.398	3.198	12.2	19.5
11 7	4 53.27	+31 14.7	2.319	3.203	9.4	19.3
11 17	4 43.98	+31 39.1	2.265	3.208	6.3	19.1
11 27	4 33.22	+31 52.6	2.239	3.212	3.6	18.9
12 7	4 22.04	+31 54.5	2.244	3.215	3.6	18.9
12 17	4 11.52	+31 45.8	2.280	3.218	6.3	19.1
12 27	4 2.66	+31 30.0	2.344	3.219	9.4	19.3
1 6	3 56.14	+31 11.3	2.433	3.221	12.1	19.5

262075 2006 RE_{55} 11 30.9 41.°27 2.°6/30.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.51	+16 58.8	1.549	2.398	15.4	20.4
11 7	4 49.33	+16 25.9	1.495	2.411	11.4	20.2
11 17	4 41.67	+15 52.4	1.464	2.426	7.0	20.0
11 27	4 32.54	+15 21.3	1.459	2.440	3.1	19.8
12 7	4 23.17	+14 55.8	1.481	2.456	4.3	19.9
12 17	4 14.83	+14 38.9	1.530	2.471	8.5	20.2
12 27	4 8.54	+14 32.7	1.605	2.488	12.4	20.4
1 6	4 4.92	+14 37.8	1.700	2.504	15.8	20.7

451285 2010 RZ_{141} 11 30.9 144.°20 3.°0/ 2.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 56.67	+30 51.9	2.010	2.826	13.7	21.0
11 7	4 50.85	+30 59.0	1.933	2.826	10.5	20.8
11 17	4 42.62	+30 55.3	1.879	2.827	7.0	20.5
11 27	4 32.84	+30 39.2	1.852	2.828	3.7	20.3
12 7	4 22.66	+30 11.2	1.854	2.829	3.6	20.3
12 17	4 13.28	+29 34.2	1.885	2.829	6.9	20.5
12 27	4 5.77	+28 53.0	1.943	2.830	10.4	20.8
1 6	4 0.83	+28 12.6	2.025	2.831	13.5	21.0

322650 1999 GV_{56} 11 30.9 153.°54 2.°1/30.3 16

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 59.77	+18 33.7	1.641	2.477	15.3	21.9
11 7	4 53.22	+17 58.2	1.574	2.484	11.4	21.7
11 17	4 44.05	+17 19.6	1.531	2.491	6.9	21.4
11 27	4 33.24	+16 40.3	1.514	2.497	2.7	21.2
12 7	4 22.09	+16 3.9	1.526	2.502	4.0	21.3
12 17	4 11.94	+15 33.9	1.567	2.507	8.4	21.6
12 27	4 3.92	+15 13.9	1.633	2.511	12.6	21.8
1 6	3 58.72	+15 5.4	1.722	2.514	16.1	22.1

149881 2005 RZ 11 30.9 90.°74 7.°7/ 4.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	5 7.67	+42 32.7	1.657	2.434	17.7	19.7
11 7	4 59.49	+42 59.0	1.605	2.459	14.5	19.5
11 17	4 47.89	+43 2.2	1.573	2.484	11.2	19.4
11 27	4 34.30	+42 37.0	1.566	2.508	8.5	19.3
12 7	4 20.61	+41 43.7	1.586	2.532	7.8	19.3
12 17	4 8.62	+40 27.9	1.633	2.556	9.6	19.4
12 27	3 59.69	+38 59.5	1.706	2.579	12.4	19.7
1 6	3 54.42	+37 29.2	1.802	2.601	15.2	19.9

8095 1992 WS_2 11 30.9 111.°79 0.°3/ 1.1 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 54.02	+23 32.2	2.547	3.368	11.0	18.1
11 7	4 48.24	+23 26.4	2.479	3.381	8.1	17.9
11 17	4 40.76	+23 16.1	2.436	3.394	4.9	17.7
11 27	4 32.27	+23 1.7	2.423	3.407	1.5	17.5
12 7	4 23.58	+22 44.3	2.440	3.419	2.1	17.6
12 17	4 15.51	+22 25.7	2.487	3.432	5.4	17.8
12 27	4 8.82	+22 8.4	2.564	3.444	8.5	18.0
1 6	4 4.00	+21 54.5	2.665	3.456	11.0	18.2

453530 2009 VW_{82} 11 30.9 13.°39 2.°8/ 1.8 17

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.71	+28 35.2	1.909	2.734	13.9	21.3
11 7	4 50.28	+29 7.0	1.836	2.736	10.6	21.1
11 17	4 42.36	+29 31.0	1.786	2.738	6.9	20.9
11 27	4 32.79	+29 44.8	1.763	2.741	3.5	20.7
12 7	4 22.75	+29 47.7	1.769	2.744	3.6	20.7
12 17	4 13.47	+29 41.2	1.802	2.747	7.1	20.9
12 27	4 6.07	+29 28.9	1.863	2.751	10.7	21.1
1 6	4 1.29	+29 15.0	1.946	2.755	13.9	21.3

227287 2005 SJ_{179} 11 30.9 53.°22 1.°7/30.6 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 58.98	+18 53.4	1.245	2.099	18.1	20.4
11 7	4 53.03	+18 39.8	1.202	2.121	13.3	20.2
11 17	4 44.02	+18 24.4	1.179	2.143	8.0	20.0
11 27	4 33.22	+18 8.8	1.182	2.165	2.7	19.7
12 7	4 22.26	+17 55.5	1.210	2.188	4.0	19.9
12 17	4 12.72	+17 47.3	1.265	2.212	9.2	20.2
12 27	4 5.82	+17 47.1	1.343	2.235	13.7	20.6
1 6	4 2.20	+17 56.1	1.442	2.259	17.5	20.9

273425 2006 WP_{60} 11 30.9 333.°55 2.°1/ 1.5 18

2020/21	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
10 28	4 55.12	+26 19.8	1.178	2.036	18.6	20.4
11 7	4 51.14	+26 30.4	1.104	2.023	14.2	20.1
11 17	4 43.50	+26 30.9	1.050	2.012	9.0	19.7
11 27	4 33.23	+26 19.3	1.018	2.001	3.5	19.4
12 7	4 22.06	+25 56.3	1.011	1.991	4.1	19.4
12 17	4 11.93	+25 25.7	1.028	1.982	9.7	19.7
12 27	4 4.61	+24 54.1	1.068	1.974	15.2	20.0
1 6	4 1.10	+24 28.0	1.128	1.967	19.8	20.2

294844 2008 CE_{163} 11 30.9 32.°45 2.°6/30.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.23	+16 9.4	1.724	2.567	14.3	20.9
11 7	4 49.05	+15 44.9	1.658	2.571	10.7	20.7
11 17	4 41.53	+15 20.6	1.616	2.576	6.6	20.5
11 27	4 32.54	+14 59.0	1.600	2.581	3.0	20.3
12 7	4 23.21	+14 42.5	1.612	2.586	4.1	20.4
12 17	4 14.71	+14 33.6	1.652	2.592	8.1	20.6
12 27	4 8.06	+14 34.1	1.718	2.597	11.9	20.9
1 6	4 3.91	+14 44.6	1.805	2.604	15.2	21.1

496784 2017 FR_{41} 11 30.9 269.°62 3.°3/29.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.68	+12 45.2	2.221	3.052	12.0	21.1
11 7	4 47.53	+12 20.2	2.140	3.045	9.1	20.9
11 17	4 40.50	+11 57.5	2.083	3.038	5.9	20.7
11 27	4 32.26	+11 39.5	2.055	3.030	3.4	20.5
12 7	4 23.64	+11 28.4	2.056	3.023	4.3	20.6
12 17	4 15.57	+11 26.0	2.086	3.015	7.4	20.7
12 27	4 8.88	+11 33.3	2.142	3.008	10.6	20.9
1 6	4 4.17	+11 50.5	2.222	3.000	13.4	21.1

138058 2000 DX_{38} 11 30.9 24.°20 3.°7/ 2.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.12	+29 32.6	0.935	1.803	21.4	18.1
11 7	4 51.27	+29 40.7	0.895	1.817	16.3	17.8
11 17	4 43.43	+29 31.9	0.872	1.833	10.5	17.6
11 27	4 33.12	+29 4.3	0.870	1.851	4.9	17.4
12 7	4 22.52	+28 20.9	0.891	1.870	4.9	17.4
12 17	4 13.71	+27 28.7	0.935	1.891	10.1	17.8
12 27	4 8.25	+26 37.2	1.001	1.913	15.2	18.2
1 6	4 6.78	+25 53.4	1.085	1.936	19.5	18.5

183189 2002 SY_{67} 11 30.9 144.°53 3.°0/29.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 58.91	+15 29.8	1.756	2.590	14.6	21.5
11 7	4 52.39	+14 53.9	1.692	2.599	10.9	21.3
11 17	4 43.49	+14 18.1	1.651	2.609	6.8	21.1
11 27	4 33.10	+13 45.3	1.638	2.617	3.4	20.9
12 7	4 22.44	+13 18.5	1.653	2.625	4.5	21.0
12 17	4 12.69	+13 0.7	1.698	2.632	8.4	21.2
12 27	4 4.90	+12 53.9	1.768	2.639	12.2	21.5
1 6	3 59.70	+12 58.8	1.861	2.645	15.4	21.7

247332 2001 UK_{108} 11 30.9 43.°68 1.°6/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.14	+19 32.0	1.543	2.391	15.5	20.4
11 7	4 49.77	+19 2.4	1.494	2.410	11.4	20.2
11 17	4 41.93	+18 29.8	1.467	2.430	6.9	20.0
11 27	4 32.64	+17 56.7	1.466	2.450	2.3	19.7
12 7	4 23.19	+17 26.2	1.493	2.471	3.6	19.9
12 17	4 14.83	+17 1.7	1.548	2.492	8.0	20.2
12 27	4 8.59	+16 46.0	1.627	2.514	12.1	20.5
1 6	4 5.04	+16 40.6	1.728	2.536	15.4	20.8

109531 2001 QP_{248} 11 30.9 348.°33 1.°8/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.13	+24 26.2	1.152	2.015	18.6	18.1
11 7	4 50.39	+24 52.5	1.083	2.006	14.1	17.8
11 17	4 43.04	+25 12.7	1.034	1.998	8.8	17.5
11 27	4 33.12	+25 24.4	1.008	1.991	3.2	17.1
12 7	4 22.33	+25 27.1	1.005	1.986	4.0	17.2
12 17	4 12.60	+25 23.0	1.028	1.982	9.7	17.5
12 27	4 5.65	+25 16.7	1.072	1.979	15.0	17.8
1 6	4 2.47	+25 13.2	1.136	1.978	19.5	18.0

127897 2003 GJ_{15} 11 30.9 141.°98 1.°2/30.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.96	+16 51.1	2.370	3.192	11.7	20.1
11 7	4 50.55	+17 9.8	2.297	3.200	8.7	19.9
11 17	4 42.26	+17 29.5	2.249	3.207	5.2	19.7
11 27	4 32.76	+17 50.1	2.230	3.213	1.8	19.5
12 7	4 22.94	+18 11.6	2.242	3.220	2.7	19.6
12 17	4 13.70	+18 34.3	2.285	3.226	6.1	19.8
12 27	4 5.90	+18 59.0	2.357	3.231	9.4	20.0
1 6	4 0.12	+19 26.4	2.454	3.237	12.1	20.2

231009 2005 ES_{40} 11 30.9 2.°79 1.°2/30.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.02	+19 14.2	1.886	2.728	13.3	19.8
11 7	4 47.35	+19 1.0	1.814	2.727	9.9	19.6
11 17	4 40.51	+18 45.6	1.766	2.728	6.0	19.4
11 27	4 32.28	+18 29.5	1.744	2.728	2.0	19.1
12 7	4 23.69	+18 14.6	1.751	2.729	3.1	19.2
12 17	4 15.80	+18 3.1	1.786	2.731	7.1	19.5
12 27	4 9.58	+17 57.2	1.848	2.734	10.9	19.7
1 6	4 5.67	+17 58.6	1.932	2.737	14.1	19.9

222038 1998 TB_{20} 11 30.9 315.°59 3.°9/ 2.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.50	+31 58.5	2.114	2.925	13.3	19.8
11 7	4 50.86	+32 38.6	2.030	2.918	10.4	19.6
11 17	4 42.76	+33 9.6	1.969	2.912	7.2	19.4
11 27	4 32.98	+33 28.3	1.936	2.905	4.5	19.2
12 7	4 22.60	+33 33.3	1.931	2.899	4.4	19.2
12 17	4 12.85	+33 25.7	1.955	2.893	7.1	19.4
12 27	4 4.87	+33 9.1	2.006	2.888	10.4	19.6
1 6	3 59.43	+32 48.2	2.080	2.882	13.3	19.8

8592 Rubetra 11 30.9 202.°01 3.°9/ 2.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 2.29	+31 28.3	1.732	2.546	15.6	18.3
11 7	4 55.54	+31 51.0	1.652	2.543	12.1	18.0
11 17	4 45.74	+32 1.7	1.594	2.540	8.2	17.8
11 27	4 33.85	+31 56.9	1.562	2.535	4.6	17.6
12 7	4 21.32	+31 36.0	1.558	2.531	4.5	17.6
12 17	4 9.71	+31 1.7	1.583	2.525	8.1	17.8
12 27	4 0.43	+30 20.0	1.634	2.519	12.1	18.0
1 6	3 54.34	+29 37.7	1.708	2.513	15.7	18.2

91768 1999 TQ_{196} 11 30.9 4.°19 5.°4/ 2.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 56.83	+35 12.4	1.847	2.657	14.9	19.0
11 7	4 51.42	+35 54.8	1.773	2.657	11.9	18.8
11 17	4 43.21	+36 24.1	1.722	2.657	8.6	18.6
11 27	4 33.11	+36 36.3	1.696	2.658	5.9	18.4
12 7	4 22.45	+36 29.9	1.697	2.659	5.7	18.4
12 17	4 12.64	+36 6.7	1.725	2.661	8.2	18.6
12 27	4 4.96	+35 32.1	1.780	2.663	11.4	18.8
1 6	4 0.21	+34 52.6	1.857	2.666	14.4	19.0

308802 2006 QR_{81} 11 30.9 44.°19 9.°0/28.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 53.63	+ 2 14.9	1.525	2.360	16.3	19.7
11 7	4 48.54	+ 0 57.9	1.485	2.377	13.2	19.5
11 17	4 41.16	− 0 5.0	1.466	2.395	10.4	19.4
11 27	4 32.44	− 0 47.0	1.472	2.413	9.0	19.4
12 7	4 23.59	− 1 3.8	1.503	2.432	9.8	19.5
12 17	4 15.74	− 0 54.5	1.558	2.451	12.1	19.6
12 27	4 9.85	− 0 21.3	1.636	2.471	14.9	19.9
1 6	4 6.47	+ 0 31.2	1.734	2.490	17.4	20.1

173302 1999 UH_{10} 11 30.9 1.°40 23.°4/ 2.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 15.68	+53 58.8	0.918	1.699	28.5	19.3
11 7	5 12.29	+58 2.4	0.876	1.696	26.4	19.2
11 17	5 0.04	+61 34.1	0.848	1.695	24.6	19.0
11 27	4 38.95	+64 6.6	0.835	1.695	23.5	19.0
12 7	4 12.89	+65 19.1	0.838	1.696	23.5	19.0
12 17	3 49.05	+65 8.8	0.856	1.698	24.4	19.0
12 27	3 33.84	+63 54.9	0.887	1.701	25.9	19.2
1 6	3 29.30	+62 4.6	0.929	1.705	27.8	19.3

355086 2006 SQ_{384} 11 30.9 151.°79 3.°8/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 55.26	+10 53.2	2.191	3.016	12.3	21.9
11 7	4 49.35	+10 32.2	2.122	3.022	9.4	21.8
11 17	4 41.55	+10 15.4	2.077	3.028	6.2	21.6
11 27	4 32.58	+10 5.0	2.061	3.033	3.9	21.4
12 7	4 23.33	+10 2.9	2.074	3.037	4.7	21.5
12 17	4 14.73	+10 10.5	2.117	3.042	7.6	21.7
12 27	4 7.60	+10 28.0	2.186	3.046	10.6	21.9
1 6	4 2.51	+10 55.1	2.280	3.049	13.3	22.1

438353 2006 SC_{52} 11 30.9 38.°34 7.°7/ 3.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	5 1.34	+39 41.0	1.706	2.500	16.6	20.4
11 7	4 55.17	+40 48.4	1.640	2.506	13.6	20.3
11 17	4 45.65	+41 38.6	1.596	2.514	10.6	20.1
11 27	4 33.85	+42 5.3	1.577	2.521	8.2	20.0
12 7	4 21.38	+42 5.6	1.583	2.529	7.9	20.0
12 17	4 10.01	+41 41.2	1.616	2.537	9.8	20.1
12 27	4 1.25	+40 59.1	1.673	2.545	12.7	20.3
1 6	3 56.00	+40 8.0	1.753	2.554	15.5	20.5

89185 2001 UY_{73} 11 30.9 45.°73 2.°9/30.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 54.25	+15 10.7	1.791	2.632	14.0	19.5
11 7	4 48.98	+14 45.1	1.727	2.638	10.5	19.3
11 17	4 41.48	+14 20.7	1.686	2.645	6.5	19.0
11 27	4 32.57	+13 59.8	1.672	2.651	3.2	18.9
12 7	4 23.37	+13 44.9	1.686	2.658	4.3	18.9
12 17	4 14.96	+13 38.3	1.728	2.665	8.0	19.2
12 27	4 8.34	+13 41.5	1.796	2.672	11.7	19.4
1 6	4 4.11	+13 54.7	1.886	2.680	14.8	19.6

4959 Niinoama 11 30.9 340.°51 3.°6/29.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.26	+11 6.2	2.290	3.120	11.7	15.9
11 7	4 47.12	+10 43.6	2.216	3.119	8.9	15.7
11 17	4 40.22	+10 24.7	2.167	3.119	5.9	15.5
11 27	4 32.21	+10 12.0	2.147	3.119	3.8	15.4
12 7	4 23.90	+10 7.3	2.155	3.118	4.5	15.4
12 17	4 16.14	+10 11.9	2.192	3.118	7.3	15.6
12 27	4 9.72	+10 26.6	2.256	3.118	10.3	15.8
1 6	4 5.20	+10 50.8	2.344	3.117	12.9	16.0

156609 2002 GH_{109} 11 30.9 212.°73 4.°8/29.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
10 28	4 52.79	+ 7 6.9	2.380	3.202	11.6	20.3
11 7	4 47.45	+ 6 36.8	2.305	3.198	9.0	20.1
11 17	4 40.40	+ 6 12.8	2.254	3.195	6.5	20.0
11 27	4 32.26	+ 5 57.8	2.231	3.191	4.9	19.9
12 7	4 23.82	+ 5 54.1	2.237	3.188	5.6	19.9
12 17	4 15.90	+ 6 2.8	2.272	3.184	7.9	20.1
12 27	4 9.27	+ 6 24.1	2.334	3.180	10.6	20.2
1 6	4 4.46	+ 6 56.8	2.419	3.175	13.0	20.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
516002	2015 RJ_{244}		11 30.9	91.°94	4.°3/ 2.5	18
	h m	° ′			°	m
10 28	5 0.53	+33 30.3	1.932	2.738	14.5	21.6
11 7	4 53.77	+34 1.4	1.871	2.755	11.3	21.5
11 17	4 44.42	+34 19.9	1.832	2.771	7.9	21.3
11 27	4 33.43	+34 22.8	1.820	2.788	4.9	21.1
12 7	4 22.12	+34 9.6	1.837	2.804	4.8	21.2
12 17	4 11.82	+33 43.0	1.882	2.820	7.4	21.4
12 27	4 3.66	+33 8.1	1.955	2.836	10.6	21.6
1 6	3 58.31	+32 30.8	2.051	2.852	13.5	21.8
86198	1999 SO_{16}		11 30.9	39.°05	5.°1/ 2.9	18
10 28	4 57.28	+36 2.5	1.943	2.746	14.5	19.3
11 7	4 51.52	+36 26.5	1.872	2.752	11.6	19.1
11 17	4 43.14	+36 36.1	1.825	2.758	8.3	18.9
11 27	4 33.09	+36 28.2	1.803	2.764	5.7	18.7
12 7	4 22.63	+36 2.6	1.808	2.771	5.3	18.7
12 17	4 13.10	+35 22.0	1.842	2.778	7.7	18.9
12 27	4 5.66	+34 32.3	1.902	2.785	10.8	19.1
1 6	4 0.99	+33 39.9	1.986	2.793	13.7	19.3
406765	2008 KD_{15}		11 30.9	110.°56	0.°0/30.8	18
10 28	4 55.56	+22 13.3	2.431	3.252	11.4	21.9
11 7	4 49.43	+22 11.4	2.366	3.269	8.4	21.7
11 17	4 41.53	+22 5.9	2.328	3.286	5.1	21.5
11 27	4 32.58	+21 56.9	2.318	3.302	1.5	21.3
12 7	4 23.43	+21 45.7	2.338	3.318	2.2	21.4
12 17	4 14.95	+21 33.7	2.390	3.333	5.7	21.7
12 27	4 7.93	+21 23.4	2.469	3.349	8.8	21.9
1 6	4 2.89	+21 16.6	2.574	3.363	11.4	22.1
117484	2005 CE_6		11 30.9	352.°98	4.°0/29.4	17
10 28	4 51.58	+10 46.4	2.241	3.072	11.9	19.6
11 7	4 46.66	+10 13.2	2.168	3.072	9.1	19.4
11 17	4 39.96	+ 9 43.7	2.120	3.071	6.1	19.2
11 27	4 32.15	+ 9 20.6	2.100	3.070	4.1	19.1
12 7	4 24.05	+ 9 6.6	2.109	3.070	4.9	19.2
12 17	4 16.51	+ 9 3.3	2.146	3.070	7.6	19.3
12 27	4 10.34	+ 9 11.4	2.210	3.070	10.5	19.5
1 6	4 6.06	+ 9 30.6	2.298	3.069	13.2	19.7
77510	2001 HQ_{48}		11 30.9	164.°60	1.°0/30.8	18
10 28	4 58.92	+17 31.2	2.053	2.879	13.1	19.3
11 7	4 52.34	+17 53.6	1.978	2.882	9.7	19.1
11 17	4 43.51	+18 16.8	1.926	2.885	5.9	18.9
11 27	4 33.20	+18 40.6	1.904	2.887	1.9	18.6
12 7	4 22.44	+19 4.7	1.911	2.890	2.9	18.7
12 17	4 12.35	+19 29.3	1.949	2.891	6.9	19.0
12 27	4 3.95	+19 55.4	2.015	2.893	10.5	19.2
1 6	3 57.91	+20 24.0	2.105	2.894	13.7	19.4
139098	2001 FP_{36}		11 30.9	258.°50	0.°9/30.7	18
10 28	4 57.90	+21 16.0	1.479	2.323	16.2	20.4
11 7	4 52.36	+20 52.8	1.404	2.318	12.2	20.1
11 17	4 43.85	+20 23.9	1.351	2.313	7.4	19.8
11 27	4 33.34	+19 50.8	1.324	2.308	2.2	19.5
12 7	4 22.27	+19 16.2	1.324	2.303	3.6	19.6
12 17	4 12.13	+18 44.4	1.351	2.298	8.7	19.9
12 27	4 4.28	+18 19.8	1.404	2.293	13.4	20.1
1 6	3 59.54	+18 5.6	1.477	2.287	17.4	20.4
301787	2010 KE_{62}		11 30.9	163.°78	0.°0/30.8	18
10 28	4 57.27	+23 52.6	2.170	2.992	12.6	20.9
11 7	4 50.94	+23 22.1	2.094	2.997	9.4	20.7
11 17	4 42.55	+22 44.7	2.043	3.001	5.7	20.5
11 27	4 32.90	+22 1.7	2.021	3.005	1.6	20.2
12 7	4 22.98	+21 15.6	2.030	3.009	2.5	20.3
12 17	4 13.83	+20 29.8	2.068	3.012	6.4	20.6
12 27	4 6.34	+19 48.2	2.135	3.014	10.0	20.8
1 6	4 1.10	+19 14.0	2.226	3.016	13.0	21.0
414988	2011 EX_{23}		11 30.9	317.°59	6.°6/28.5	17
10 28	4 51.18	+ 5 2.5	1.961	2.791	13.4	21.2
11 7	4 46.67	+ 4 11.5	1.882	2.777	10.7	21.0
11 17	4 40.13	+ 3 28.3	1.826	2.762	8.1	20.8
11 27	4 32.24	+ 2 57.8	1.796	2.749	6.6	20.7
12 7	4 23.91	+ 2 43.7	1.794	2.735	7.5	20.7
12 17	4 16.13	+ 2 48.3	1.818	2.722	10.0	20.8
12 27	4 9.82	+ 3 11.4	1.867	2.709	12.9	21.0
1 6	4 5.64	+ 3 51.3	1.936	2.697	15.7	21.1
79745	1998 SY_{147}		11 30.9	45.°84	4.°4/29.7	18
10 28	4 56.23	+15 0.5	1.262	2.119	17.7	18.9
11 7	4 51.03	+14 3.4	1.212	2.131	13.2	18.6
11 17	4 42.90	+13 7.2	1.184	2.145	8.4	18.4
11 27	4 33.01	+12 17.4	1.180	2.158	4.6	18.2
12 7	4 22.88	+11 39.0	1.202	2.172	6.0	18.4
12 17	4 13.99	+11 16.2	1.249	2.187	10.4	18.6
12 27	4 7.56	+11 10.7	1.320	2.202	14.7	18.9
1 6	4 4.23	+11 21.8	1.410	2.217	18.3	19.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
66237	1999 ET_5		11 30.9	341.°04	3.°0/30.0	18
	h m	° ′			°	m
10 28	4 53.77	+15 9.2	1.725	2.569	14.3	19.0
11 7	4 48.83	+14 42.8	1.652	2.565	10.7	18.8
11 17	4 41.51	+14 17.3	1.602	2.561	6.8	18.6
11 27	4 32.65	+13 55.3	1.578	2.558	3.4	18.4
12 7	4 23.35	+13 39.6	1.583	2.555	4.5	18.4
12 17	4 14.79	+13 32.6	1.614	2.553	8.4	18.7
12 27	4 8.04	+13 36.2	1.672	2.550	12.3	18.9
1 6	4 3.80	+13 50.5	1.751	2.549	15.6	19.1
6127	Hetherington		11 30.9	160.°70	6.°5/28.7	18
10 28	4 55.34	+ 3 23.3	2.153	2.966	13.0	18.1
11 7	4 49.40	+ 2 38.5	2.088	2.972	10.3	17.9
11 17	4 41.59	+ 2 2.9	2.048	2.976	7.9	17.8
11 27	4 32.63	+ 1 40.6	2.035	2.981	6.5	17.7
12 7	4 23.41	+ 1 34.5	2.050	2.984	7.2	17.8
12 17	4 14.85	+ 1 45.7	2.093	2.988	9.4	17.9
12 27	4 7.77	+ 2 13.5	2.162	2.991	12.0	18.1
1 6	4 2.72	+ 2 55.6	2.253	2.993	14.3	18.3
127202	2002 HQ_5		11 30.9	120.°65	4.°2/29.4	18
10 28	4 53.38	+ 7 29.6	2.628	3.444	10.8	19.9
11 7	4 47.62	+ 7 5.3	2.568	3.460	8.3	19.7
11 17	4 40.38	+ 6 46.6	2.534	3.474	5.9	19.6
11 27	4 32.26	+ 6 35.9	2.528	3.489	4.3	19.5
12 7	4 23.98	+ 6 34.7	2.552	3.503	4.9	19.6
12 17	4 16.27	+ 6 44.0	2.606	3.517	7.0	19.7
12 27	4 9.78	+ 7 3.7	2.687	3.530	9.4	19.9
1 6	4 4.96	+ 7 32.7	2.792	3.543	11.6	20.1
97503	2000 CH_{94}		11 30.9	240.°68	4.°4/ 2.7	18
10 28	4 56.49	+35 36.2	2.427	3.220	12.3	19.2
11 7	4 50.59	+36 5.3	2.343	3.217	9.8	19.0
11 17	4 42.49	+36 23.0	2.283	3.214	7.1	18.8
11 27	4 32.93	+36 26.8	2.250	3.211	4.9	18.7
12 7	4 22.91	+36 15.9	2.247	3.207	4.7	18.7
12 17	4 13.53	+35 51.8	2.272	3.204	6.7	18.8
12 27	4 5.78	+35 18.4	2.325	3.201	9.4	19.0
1 6	4 0.34	+34 40.7	2.403	3.198	12.0	19.2
244920	2003 WB_{164}		11 30.9	115.°38	0.°0/30.8	18
10 28	4 57.31	+21 58.6	1.871	2.703	13.9	21.0
11 7	4 51.29	+21 58.6	1.802	2.710	10.3	20.8
11 17	4 42.91	+21 54.5	1.757	2.717	6.2	20.6
11 27	4 33.04	+21 46.4	1.740	2.724	1.8	20.3
12 7	4 22.81	+21 35.5	1.751	2.731	2.7	20.4
12 17	4 13.40	+21 23.9	1.792	2.738	7.0	20.7
12 27	4 5.87	+21 14.5	1.859	2.744	10.9	20.9
1 6	4 0.86	+21 9.8	1.950	2.751	14.2	21.2
151373	2002 EW_{16}		11 30.9	164.°98	2.°5/ 2.1	18
10 28	4 56.50	+31 13.2	3.074	3.867	10.0	21.3
11 7	4 50.02	+31 30.5	2.993	3.874	7.7	21.2
11 17	4 41.89	+31 40.3	2.938	3.879	5.1	21.0
11 27	4 32.72	+31 41.2	2.912	3.884	2.9	20.9
12 7	4 23.27	+31 33.2	2.918	3.889	2.9	20.9
12 17	4 14.33	+31 17.6	2.955	3.892	5.1	21.0
12 27	4 6.64	+30 57.0	3.021	3.896	7.5	21.2
1 6	4 0.72	+30 34.5	3.114	3.898	9.8	21.4
475071	2005 UZ_{136}		11 30.9	2.°21	1.°0/ 1.2	18
10 28	4 54.37	+23 38.7	1.124	1.989	18.8	21.0
11 7	4 50.47	+23 50.3	1.063	1.987	14.2	20.7
11 17	4 43.03	+23 55.1	1.021	1.986	8.7	20.4
11 27	4 33.16	+23 52.3	1.002	1.986	2.8	20.1
12 7	4 22.62	+23 42.8	1.007	1.988	3.7	20.2
12 17	4 13.27	+23 29.7	1.037	1.991	9.6	20.5
12 27	4 6.74	+23 18.2	1.089	1.995	14.8	20.8
1 6	4 3.89	+23 12.3	1.160	2.001	19.3	21.1
336852	2011 FL_{51}		11 30.9	278.°58	1.°5/ 1.4	18
10 28	4 58.66	+25 25.6	1.533	2.370	16.1	21.4
11 7	4 53.18	+25 34.8	1.445	2.354	12.3	21.1
11 17	4 44.54	+25 36.4	1.379	2.338	7.7	20.8
11 27	4 33.62	+25 28.9	1.339	2.322	2.8	20.5
12 7	4 21.84	+25 12.3	1.326	2.305	3.4	20.5
12 17	4 10.81	+24 49.5	1.340	2.289	8.5	20.7
12 27	4 2.07	+24 25.4	1.380	2.273	13.4	21.0
1 6	3 56.57	+24 5.1	1.440	2.256	17.5	21.2
47679	2000 CN_{76}		11 30.9	198.°13	0.°6/ 1.3	18
10 28	4 53.63	+24 29.9	2.701	3.519	10.5	19.5
11 7	4 48.04	+24 27.6	2.617	3.516	7.8	19.3
11 17	4 40.77	+24 20.5	2.558	3.514	4.8	19.1
11 27	4 32.41	+24 8.7	2.528	3.511	1.6	18.8
12 7	4 23.75	+23 52.8	2.529	3.508	2.0	18.9
12 17	4 15.59	+23 34.7	2.560	3.505	5.3	19.1
12 27	4 8.69	+23 16.7	2.620	3.501	8.3	19.3
1 6	4 3.59	+23 1.1	2.706	3.497	10.9	19.5

274847 2009 QW_{38} 11 30.9 308.°81 5.°0/28.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 51.81	+ 9 7.6	2.090	2.923	12.6	20.1
11 7	4 46.97	+ 8 17.4	2.016	2.917	9.7	19.9
11 17	4 40.23	+ 7 31.6	1.965	2.912	6.9	19.7
11 27	4 32.27	+ 6 54.1	1.942	2.907	5.1	19.6
12 7	4 23.98	+ 6 28.4	1.948	2.901	6.0	19.6
12 17	4 16.27	+ 6 16.8	1.981	2.896	8.6	19.8
12 27	4 10.00	+ 6 20.2	2.040	2.891	11.6	20.0
1 6	4 5.74	+ 6 37.9	2.121	2.886	14.3	20.1

373271 2012 HN_{23} 11 30.9 290.°39 2.°4/30.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.23	+18 15.6	1.312	2.166	17.3	21.3
11 7	4 52.27	+17 46.5	1.234	2.153	13.1	21.0
11 17	4 44.03	+17 14.3	1.176	2.139	8.1	20.7
11 27	4 33.47	+16 41.5	1.143	2.126	3.1	20.3
12 7	4 22.11	+16 11.8	1.136	2.113	4.7	20.4
12 17	4 11.64	+15 49.5	1.155	2.100	10.1	20.7
12 27	4 3.61	+15 38.7	1.197	2.087	15.2	20.9
1 6	3 58.96	+15 41.4	1.259	2.075	19.6	21.2

183417 2003 AE_5 11 30.9 336.°66 4.°0/ 2.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.26	+32 2.3	1.501	2.335	16.6	19.8
11 7	4 49.98	+32 7.9	1.419	2.322	12.9	19.5
11 17	4 42.59	+31 58.6	1.359	2.310	8.8	19.3
11 27	4 33.05	+31 32.0	1.323	2.299	4.9	19.0
12 7	4 22.81	+30 48.5	1.313	2.288	4.7	19.0
12 17	4 13.50	+29 52.4	1.329	2.278	8.6	19.2
12 27	4 6.56	+28 51.1	1.370	2.270	12.9	19.4
1 6	4 2.87	+27 52.1	1.433	2.262	16.9	19.7

448507 2010 MY_{82} 11 30.9 54.°64 2.°1/ 1.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 56.65	+27 33.8	1.847	2.674	14.2	21.2
11 7	4 50.95	+27 46.6	1.779	2.681	10.8	21.0
11 17	4 42.78	+27 51.1	1.734	2.689	6.8	20.8
11 27	4 33.03	+27 45.9	1.716	2.696	3.0	20.5
12 7	4 22.90	+27 31.6	1.726	2.704	3.2	20.6
12 17	4 13.63	+27 10.4	1.764	2.711	7.0	20.8
12 27	4 6.33	+26 46.7	1.830	2.719	10.8	21.1
1 6	4 1.66	+26 24.5	1.918	2.727	14.0	21.3

479449 2013 YT_{120} 11 30.9 2.°11 0.°5/30.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.53	+21 57.3	1.084	1.953	19.0	21.4
11 7	4 49.85	+21 43.5	1.024	1.951	14.3	21.1
11 17	4 42.64	+21 23.1	0.984	1.950	8.6	20.8
11 27	4 33.06	+20 57.5	0.966	1.950	2.5	20.4
12 7	4 22.86	+20 29.9	0.971	1.952	3.9	20.6
12 17	4 13.90	+20 4.9	1.001	1.955	9.9	20.9
12 27	4 7.74	+19 47.5	1.053	1.959	15.3	21.2
1 6	4 5.22	+19 41.0	1.124	1.965	19.8	21.5

386682 2009 VS_{64} 11 30.9 350.°66 1.°0/ 1.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.05	+24 49.8	1.154	2.017	18.6	20.5
11 7	4 50.25	+24 44.1	1.087	2.010	14.1	20.2
11 17	4 42.92	+24 28.8	1.040	2.004	8.7	19.9
11 27	4 33.17	+24 3.7	1.016	2.000	2.8	19.5
12 7	4 22.71	+23 31.0	1.015	1.996	3.7	19.6
12 17	4 13.39	+22 55.6	1.040	1.994	9.6	19.9
12 27	4 6.82	+22 23.8	1.087	1.993	14.9	20.2
1 6	4 3.91	+22 0.8	1.153	1.993	19.4	20.5

50740 2000 EO_{157} 11 30.9 188.°76 6.°5/ 4.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.99	+46 30.9	2.961	3.692	11.7	19.6
11 7	4 53.09	+47 4.0	2.877	3.691	9.9	19.5
11 17	4 43.97	+47 21.8	2.815	3.690	8.2	19.4
11 27	4 33.39	+47 20.8	2.779	3.688	6.9	19.3
12 7	4 22.40	+46 59.9	2.771	3.686	6.6	19.2
12 17	4 12.13	+46 20.4	2.791	3.684	7.4	19.3
12 27	4 3.56	+45 26.5	2.839	3.681	9.0	19.4
1 6	3 57.36	+44 24.0	2.912	3.678	10.8	19.5

358898 2008 GC_{50} 11 30.9 120.°42 3.°4/29.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 53.49	+13 23.0	2.244	3.074	11.9	21.0
11 7	4 48.00	+12 37.0	2.178	3.083	9.0	20.8
11 17	4 40.74	+11 52.3	2.138	3.092	5.8	20.7
11 27	4 32.42	+11 12.0	2.126	3.100	3.5	20.5
12 7	4 23.90	+10 39.1	2.143	3.108	4.4	20.6
12 17	4 16.03	+10 15.9	2.190	3.116	7.3	20.8
12 27	4 9.59	+10 4.1	2.264	3.124	10.3	21.0
1 6	4 5.10	+10 3.8	2.361	3.131	12.9	21.2

313527 2002 XC_{37} 11 30.9 355.°98 10.°5/ 4.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.79	+45 2.3	1.479	2.268	19.0	19.9
11 7	4 54.08	+46 7.5	1.410	2.264	16.2	19.7
11 17	4 45.41	+46 49.2	1.360	2.261	13.4	19.5
11 27	4 33.93	+46 59.1	1.331	2.258	11.1	19.4
12 7	4 21.59	+46 33.4	1.325	2.257	10.6	19.3
12 17	4 10.56	+45 35.0	1.342	2.256	12.0	19.4
12 27	4 2.68	+44 13.1	1.383	2.257	14.7	19.6
1 6	3 58.91	+42 40.1	1.444	2.259	17.5	19.8

401111 2011 UP_{253} 11 30.9 45.°15 1.°2/30.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 55.65	+19 10.1	1.670	2.512	14.8	21.1
11 7	4 50.24	+19 1.3	1.607	2.520	11.0	20.9
11 17	4 42.36	+18 50.6	1.567	2.529	6.6	20.7
11 27	4 32.93	+18 39.1	1.554	2.538	2.1	20.4
12 7	4 23.16	+18 28.6	1.568	2.547	3.3	20.5
12 17	4 14.29	+18 21.3	1.611	2.556	7.7	20.8
12 27	4 7.40	+18 19.6	1.679	2.565	11.8	21.1
1 6	4 3.14	+18 25.1	1.769	2.575	15.2	21.3

191275 2003 ES_{18} 11 30.9 226.°76 0.°0/ 1.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 58.29	+23 1.7	1.830	2.661	14.2	21.2
11 7	4 52.26	+22 51.9	1.746	2.653	10.7	21.0
11 17	4 43.67	+22 36.2	1.686	2.645	6.5	20.7
11 27	4 33.35	+22 14.8	1.653	2.637	1.9	20.4
12 7	4 22.48	+21 49.2	1.648	2.628	2.8	20.5
12 17	4 12.36	+21 22.5	1.673	2.619	7.4	20.7
12 27	4 4.14	+20 58.4	1.725	2.609	11.6	21.0
1 6	3 58.61	+20 40.6	1.799	2.599	15.2	21.2

422127 2014 QA_{420} 11 30.9 3.°97 9.°0/28.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 48.60	+ 3 9.8	1.396	2.247	16.7	19.6
11 7	4 45.26	+ 2 3.4	1.343	2.246	13.5	19.4
11 17	4 39.46	+ 1 10.6	1.311	2.247	10.6	19.2
11 27	4 32.11	+ 0 38.5	1.301	2.250	9.1	19.1
12 7	4 24.40	+ 0 31.7	1.316	2.255	10.0	19.2
12 17	4 17.55	+ 0 51.8	1.354	2.261	12.6	19.4
12 27	4 12.64	+ 1 36.6	1.414	2.268	15.6	19.6
1 6	4 10.33	+ 2 41.2	1.493	2.278	18.5	19.8

97756 2000 JY 11 30.9 351.°74 9.°8/ 1.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 8.26	− 1 51.5	1.069	1.894	22.4	18.6
11 7	5 0.91	− 1 12.2	1.004	1.893	18.3	18.3
11 17	4 49.47	− 0 1.0	0.958	1.892	13.8	18.1
11 27	4 35.13	+ 1 46.8	0.934	1.891	10.4	17.9
12 7	4 19.82	+ 4 8.2	0.936	1.891	10.4	17.9
12 17	4 5.74	+ 6 53.8	0.964	1.891	14.1	18.1
12 27	3 54.82	+ 9 51.2	1.016	1.891	18.7	18.4
1 6	3 48.11	+12 49.3	1.089	1.891	22.8	18.7

379552 2011 AT_{32} 11 30.9 357.°47 4.°5/29.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.91	+14 43.2	1.177	2.041	18.2	20.8
11 7	4 50.53	+13 58.4	1.116	2.038	13.8	20.6
11 17	4 42.92	+13 14.8	1.074	2.036	8.8	20.3
11 27	4 33.16	+12 37.2	1.056	2.035	4.8	20.1
12 7	4 22.85	+12 10.8	1.063	2.035	6.2	20.2
12 17	4 13.64	+11 59.4	1.094	2.036	11.0	20.4
12 27	4 6.98	+12 5.1	1.148	2.037	15.8	20.7
1 6	4 3.68	+12 27.3	1.220	2.039	19.9	21.0

153484 2001 RQ_{80} 11 30.9 41.°94 1.°8/30.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 54.51	+18 55.1	1.749	2.591	14.2	19.9
11 7	4 49.29	+18 23.5	1.684	2.597	10.6	19.7
11 17	4 41.75	+17 49.2	1.642	2.603	6.4	19.4
11 27	4 32.76	+17 14.3	1.626	2.609	2.4	19.2
12 7	4 23.47	+16 42.1	1.639	2.616	3.6	19.3
12 17	4 15.04	+16 15.6	1.680	2.623	7.7	19.6
12 27	4 8.46	+15 57.8	1.747	2.630	11.6	19.8
1 6	4 4.37	+15 50.3	1.836	2.637	14.9	20.1

60645 2000 FU_{38} 12 1.0 179.°76 0.°0/30.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 59.50	+22 17.1	1.934	2.759	13.7	19.7
11 7	4 52.95	+22 16.1	1.857	2.761	10.3	19.5
11 17	4 43.99	+22 10.6	1.803	2.762	6.2	19.3
11 27	4 33.44	+22 0.6	1.778	2.762	1.8	19.0
12 7	4 22.45	+21 47.1	1.782	2.762	2.7	19.0
12 17	4 12.24	+21 32.3	1.816	2.761	7.1	19.3
12 27	4 3.88	+21 19.4	1.878	2.760	11.0	19.6
1 6	3 58.08	+21 11.1	1.963	2.758	14.3	19.8

84954 2003 XY_7 12 1.0 43.°98 8.°5/ 3.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	5 3.99	+39 12.3	1.395	2.202	19.1	17.9
11 7	4 57.45	+40 29.9	1.352	2.226	15.5	17.7
11 17	4 47.11	+41 26.7	1.329	2.251	11.8	17.6
11 27	4 34.36	+41 55.1	1.329	2.276	9.1	17.5
12 7	4 21.19	+41 52.7	1.354	2.302	8.6	17.6
12 17	4 9.65	+41 23.4	1.404	2.329	10.7	17.7
12 27	4 1.30	+40 36.1	1.478	2.355	13.7	18.0
1 6	3 56.90	+39 41.2	1.573	2.383	16.6	18.3

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2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10 28	4 57.53	+16 41.4	2.079	2.906	12.9	19.3
11 7	4 51.25	+16 20.0	2.002	2.907	9.6	19.1
11 17	4 42.85	+15 57.9	1.950	2.908	5.9	18.8
11 27	4 33.10	+15 36.9	1.927	2.908	2.5	18.6
12 7	4 22.98	+15 19.1	1.933	2.907	3.5	18.7
12 17	4 13.55	+15 6.7	1.969	2.906	7.2	18.9
12 27	4 5.75	+15 1.6	2.032	2.904	10.8	19.1
1 6	4 0.21	+15 5.0	2.120	2.901	13.8	19.3