492167 2013 PP_{45} 12 21.9 154°.55 1°.5/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.86	+29 18.9	2.403	3.208	11.9	21.2
11 27	6 23.08	+29 11.9	2.322	3.211	9.0	21.0
12 7	6 15.26	+29 0.1	2.266	3.213	5.8	20.8
12 17	6 6.07	+28 42.0	2.237	3.215	2.5	20.6
12 27	5 56.48	+28 17.1	2.239	3.216	2.4	20.6
1 6	5 47.48	+27 46.5	2.272	3.218	5.7	20.8
1 16	5 39.96	+27 12.5	2.333	3.220	8.9	21.0
1 26	5 34.57	+26 37.7	2.419	3.221	11.7	21.2

483270 2015 TT_{193} 12 21.9 173°.14 6°.7/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.49	+42 36.4	2.223	2.997	13.7	21.4
11 27	6 30.25	+43 24.5	2.147	2.999	11.2	21.2
12 7	6 20.05	+44 0.1	2.094	3.002	8.8	21.1
12 17	6 7.76	+44 17.2	2.067	3.004	7.0	21.0
12 27	5 54.77	+44 12.0	2.069	3.005	6.9	21.0
1 6	5 42.61	+43 44.8	2.099	3.006	8.7	21.1
1 16	5 32.59	+42 59.8	2.156	3.006	11.2	21.3
1 26	5 25.61	+42 3.3	2.236	3.006	13.6	21.4

162302 1999 VO_{184} 12 21.9 31°.51 2°.4/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.05	+26 39.0	1.366	2.202	17.5	19.1
11 27	6 25.29	+27 22.8	1.308	2.213	13.3	18.9
12 7	6 17.22	+28 5.8	1.271	2.224	8.4	18.6
12 17	6 6.83	+28 43.0	1.258	2.236	3.6	18.4
12 27	5 55.73	+29 10.2	1.272	2.249	3.7	18.4
1 6	5 45.64	+29 25.9	1.312	2.263	8.4	18.7
1 16	5 38.01	+29 31.9	1.377	2.277	12.9	19.0
1 26	5 33.76	+29 31.5	1.464	2.292	16.7	19.3

182609 2001 US_{58} 12 21.9 2°.91 1°.5/21.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.65	+26 40.4	1.727	2.551	14.9	20.5
11 27	6 23.71	+26 54.4	1.652	2.551	11.3	20.2
12 7	6 16.03	+27 6.4	1.599	2.551	7.2	20.0
12 17	6 6.42	+27 13.7	1.572	2.551	2.8	19.7
12 27	5 56.14	+27 14.4	1.574	2.552	2.8	19.7
1 6	5 46.58	+27 8.4	1.603	2.553	7.2	20.0
1 16	5 38.95	+26 57.6	1.659	2.554	11.3	20.2
1 26	5 34.10	+26 44.6	1.737	2.556	14.9	20.5

184885 2005 UY_{214} 12 21.9 136°.87 0°.0/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.26	+22 19.9	2.026	2.830	13.8	21.0
11 27	6 27.33	+22 41.2	1.957	2.846	10.4	20.8
12 7	6 17.99	+23 3.8	1.912	2.861	6.5	20.6
12 17	6 7.03	+23 25.5	1.895	2.876	2.2	20.3
12 27	5 55.57	+23 44.2	1.910	2.889	2.2	20.4
1 6	5 44.84	+23 59.3	1.955	2.902	6.4	20.7
1 16	5 35.88	+24 11.1	2.028	2.914	10.1	20.9
1 26	5 29.43	+24 21.0	2.126	2.925	13.3	21.1

84114 2002 RB_{25} 12 21.9 38°.18 1°.8/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.36	+26 22.8	1.381	2.216	17.4	18.9
11 27	6 25.25	+26 47.5	1.331	2.236	13.1	18.7
12 7	6 17.02	+27 10.2	1.303	2.257	8.2	18.5
12 17	6 6.73	+27 27.3	1.300	2.279	3.2	18.3
12 27	5 55.95	+27 36.2	1.323	2.302	3.2	18.3
1 6	5 46.33	+27 36.8	1.373	2.325	7.9	18.7
1 16	5 39.15	+27 31.4	1.448	2.349	12.3	19.0
1 26	5 35.20	+27 23.0	1.545	2.373	16.0	19.3

95911 2003 HK_{39} 12 21.9 209°.25 2°.2/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.53	+18 44.8	1.836	2.650	14.6	20.0
11 27	6 24.84	+18 19.9	1.754	2.647	11.2	19.7
12 7	6 16.61	+17 57.4	1.694	2.643	7.2	19.5
12 17	6 6.62	+17 38.0	1.662	2.639	3.2	19.2
12 27	5 55.98	+17 22.2	1.658	2.635	3.3	19.2
1 6	5 45.97	+17 10.8	1.684	2.630	7.3	19.5
1 16	5 37.70	+17 4.8	1.736	2.625	11.4	19.7
1 26	5 31.99	+17 4.5	1.812	2.619	14.9	19.9

46200 2001 FE_{148} 12 21.9 125°.46 4°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.79	+35 11.0	2.041	2.839	13.9	19.5
11 27	6 27.93	+35 23.5	1.971	2.850	10.9	19.3
12 7	6 18.43	+35 26.6	1.925	2.861	7.5	19.1
12 17	6 7.18	+35 16.7	1.905	2.872	4.6	19.0
12 27	5 55.49	+34 51.9	1.915	2.882	4.4	19.0
1 6	5 44.71	+34 13.8	1.955	2.892	7.2	19.2
1 16	5 35.96	+33 26.5	2.022	2.901	10.4	19.4
1 26	5 29.99	+32 34.9	2.113	2.910	13.4	19.6

183553 2003 JP_{10} 12 21.9 161°.11 0°.1/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.32	+22 25.6	2.163	2.974	12.8	20.6
11 27	6 22.92	+22 47.4	2.082	2.976	9.7	20.4
12 7	6 15.31	+23 11.1	2.026	2.977	6.0	20.2
12 17	6 6.16	+23 34.7	1.998	2.978	2.0	19.9
12 27	5 56.45	+23 56.3	2.000	2.979	2.1	19.9
1 6	5 47.24	+24 15.0	2.032	2.980	6.0	20.2
1 16	5 39.52	+24 30.9	2.091	2.981	9.6	20.4
1 26	5 34.01	+24 44.7	2.176	2.982	12.7	20.6

29709 1999 AF_{2} 12 21.9 316°.45 2°.1/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.37	+26 55.2	1.359	2.197	17.5	17.5
11 27	6 25.20	+27 16.9	1.275	2.181	13.4	17.2
12 7	6 17.51	+27 37.4	1.211	2.166	8.6	16.9
12 17	6 7.09	+27 52.5	1.172	2.151	3.5	16.5
12 27	5 55.47	+27 58.7	1.158	2.136	3.6	16.5
1 6	5 44.53	+27 55.2	1.170	2.122	8.9	16.8
1 16	5 35.96	+27 44.1	1.206	2.109	14.1	17.0
1 26	5 30.98	+27 29.3	1.263	2.097	18.5	17.3

97690 2000 GO_{28} 12 21.9 123°.76 3°.8/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.62	+35 8.4	2.497	3.292	11.8	19.7
11 27	6 23.80	+35 40.9	2.421	3.298	9.2	19.5
12 7	6 15.80	+36 6.5	2.369	3.303	6.4	19.4
12 17	6 6.32	+36 21.9	2.345	3.308	4.2	19.2
12 27	5 56.35	+36 24.8	2.351	3.313	4.2	19.2
1 6	5 46.95	+36 15.2	2.387	3.318	6.4	19.4
1 16	5 39.07	+35 55.2	2.450	3.323	9.1	19.6
1 26	5 33.42	+35 28.1	2.538	3.328	11.6	19.7

62476 2000 SH_{219} 12 22.0 218°.70 0°.4/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.92	+22 20.8	2.176	2.986	12.8	18.8
11 27	6 23.44	+22 57.5	2.091	2.983	9.7	18.6
12 7	6 15.70	+23 37.1	2.030	2.981	6.0	18.4
12 17	6 6.33	+24 17.0	1.997	2.978	2.1	18.1
12 27	5 56.30	+24 54.6	1.995	2.974	2.1	18.1
1 6	5 46.71	+25 28.1	2.023	2.971	6.1	18.4
1 16	5 38.57	+25 56.9	2.079	2.968	9.7	18.6
1 26	5 32.67	+26 21.7	2.160	2.964	12.9	18.8

101019 1998 QQ_{57} 12 22.0 113°.77 0°.7/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.92	+21 26.5	2.009	2.819	13.7	21.1
11 27	6 24.79	+21 25.0	1.942	2.835	10.3	20.9
12 7	6 16.39	+21 24.8	1.900	2.850	6.4	20.7
12 17	6 6.50	+21 25.0	1.884	2.864	2.3	20.4
12 27	5 56.21	+21 24.8	1.899	2.878	2.2	20.4
1 6	5 46.63	+21 24.3	1.944	2.892	6.3	20.7
1 16	5 38.75	+21 24.2	2.016	2.905	10.0	21.0
1 26	5 33.25	+21 25.4	2.113	2.918	13.1	21.2

83050 2001 QQ_{197} 12 22.0 120°.68 6°.0/21.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.49	+ 8 4.4	2.108	2.898	13.8	19.0
11 27	6 22.05	+ 7 6.0	2.039	2.907	11.1	18.9
12 7	6 14.63	+ 6 16.9	1.993	2.915	8.3	18.7
12 17	6 5.91	+ 5 40.4	1.974	2.922	6.2	18.6
12 27	5 56.80	+ 5 18.6	1.983	2.930	6.3	18.6
1 6	5 48.27	+ 5 12.4	2.021	2.937	8.4	18.7
1 16	5 41.17	+ 5 20.7	2.085	2.945	11.1	18.9
1 26	5 36.13	+ 5 41.5	2.173	2.951	13.7	19.1

169908 2002 RU_{238} 12 22.0 348°.77 1°.6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.76	+19 26.3	1.385	2.225	17.1	19.6
11 27	6 22.05	+19 27.1	1.310	2.217	13.1	19.4
12 7	6 15.28	+19 33.3	1.256	2.211	8.3	19.1
12 17	6 6.28	+19 44.1	1.226	2.205	3.2	18.8
12 27	5 56.40	+19 58.5	1.222	2.201	3.2	18.8
1 6	5 47.23	+20 15.4	1.243	2.197	8.3	19.1
1 16	5 40.18	+20 34.4	1.290	2.195	13.2	19.3
1 26	5 36.23	+20 55.4	1.357	2.193	17.3	19.6

467060 2016 DA_{13} 12 22.0 334°.73 4°.7/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.11	+10 2.2	2.115	2.917	13.4	20.7
11 27	6 19.70	+ 9 37.4	2.032	2.911	10.6	20.5
12 7	6 13.30	+ 9 21.8	1.973	2.906	7.6	20.3
12 17	6 5.50	+ 9 17.1	1.940	2.901	5.2	20.2
12 27	5 57.19	+ 9 24.5	1.935	2.896	5.1	20.2
1 6	5 49.33	+ 9 43.4	1.959	2.891	7.5	20.3
1 16	5 42.77	+10 12.7	2.009	2.887	10.6	20.5
1 26	5 38.22	+10 50.2	2.083	2.883	13.5	20.7

516411 2002 OZ_{37} 12 22.0 202°.53 2°.2/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.28	+29 48.3	2.334	3.133	12.3	22.2
11 27	6 25.89	+30 4.0	2.244	3.129	9.5	22.0
12 7	6 17.18	+30 15.5	2.179	3.124	6.2	21.7
12 17	6 6.83	+30 20.0	2.142	3.118	2.9	21.5
12 27	5 55.88	+30 15.7	2.137	3.111	2.9	21.5
1 6	5 45.46	+30 2.7	2.161	3.104	6.2	21.7
1 16	5 36.60	+29 42.9	2.214	3.096	9.6	21.9
1 26	5 30.06	+29 19.2	2.292	3.088	12.5	22.1

448462 2010 EH_{129} 12 22.0 151°.87 1°.7/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.41	+28 0.5	2.338	3.138	12.3	22.5
11 27	6 25.81	+28 18.9	2.262	3.148	9.3	22.3
12 7	6 17.02	+28 34.2	2.211	3.157	5.9	22.1
12 17	6 6.74	+28 43.9	2.189	3.166	2.5	21.9
12 27	5 56.00	+28 46.5	2.197	3.174	2.5	21.9
1 6	5 45.89	+28 41.9	2.237	3.181	5.9	22.1
1 16	5 37.33	+28 31.6	2.305	3.187	9.2	22.3
1 26	5 31.05	+28 18.1	2.398	3.193	12.0	22.5

308969 2006 TK_{77} 12 22.0 41°.87 0°.9/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.94	+21 27.1	1.527	2.354	16.5	19.7
11 27	6 25.58	+22 34.9	1.469	2.370	12.4	19.4
12 7	6 17.28	+23 48.3	1.434	2.387	7.7	19.2
12 17	6 6.90	+25 2.0	1.425	2.405	2.7	19.0
12 27	5 55.85	+26 10.5	1.444	2.423	2.8	19.0
1 6	5 45.65	+27 10.0	1.492	2.442	7.6	19.4
1 16	5 37.60	+27 59.4	1.565	2.461	11.9	19.6
1 26	5 32.59	+28 39.6	1.662	2.480	15.5	19.9

46188 2001 FW_{134} 12 22.0 297°.39 5°.2/21.4 18

11 17	6 28.10	+13 47.0	1.676	2.493	15.7	18.8
11 27	6 23.24	+12 42.6	1.591	2.481	12.3	18.5
12 7	6 15.76	+11 42.7	1.528	2.469	8.6	18.3
12 17	6 6.40	+10 50.9	1.491	2.457	5.6	18.1
12 27	5 56.31	+10 10.8	1.481	2.445	5.8	18.1
1 6	5 46.80	+ 9 44.8	1.499	2.434	9.2	18.2
1 16	5 39.04	+ 9 33.6	1.542	2.422	13.0	18.4
1 26	5 33.92	+ 9 36.4	1.607	2.411	16.6	18.6

442292 2011 SB_{21} 12 22.0 143°.98 1°.8/22.2 18

11 17	6 34.02	+29 49.7	2.286	3.083	12.6	21.6
11 27	6 26.97	+29 44.7	2.212	3.096	9.6	21.4
12 7	6 17.68	+29 34.2	2.163	3.108	6.2	21.2
12 17	6 6.96	+29 16.2	2.142	3.119	2.7	21.0
12 27	5 55.86	+28 50.0	2.153	3.129	2.6	21.0
1 6	5 45.53	+28 17.0	2.194	3.139	6.0	21.3
1 16	5 36.89	+27 39.9	2.264	3.147	9.3	21.5
1 26	5 30.63	+27 2.1	2.360	3.156	12.2	21.7

437856 2000 AM_{213} 12 22.0 62°.95 1°.2/22.1 18

11 17	6 30.84	+18 31.9	1.604	2.425	16.1	20.8
11 27	6 25.21	+18 58.2	1.547	2.444	12.1	20.6
12 7	6 16.87	+19 30.5	1.512	2.464	7.6	20.4
12 17	6 6.74	+20 6.8	1.504	2.483	2.8	20.2
12 27	5 56.09	+20 44.4	1.524	2.503	2.7	20.2
1 6	5 46.33	+21 21.0	1.572	2.523	7.2	20.5
1 16	5 38.59	+21 55.8	1.647	2.542	11.4	20.8
1 26	5 33.65	+22 28.5	1.745	2.562	14.9	21.1

86737 2000 GV_{46} 12 22.0 111°.12 0°.8/22.0 18

11 17	6 33.40	+21 23.5	1.767	2.580	15.1	20.1
11 27	6 26.89	+21 18.8	1.705	2.598	11.4	19.9
12 7	6 17.80	+21 15.7	1.665	2.616	7.1	19.7
12 17	6 7.02	+21 12.8	1.653	2.633	2.5	19.5
12 27	5 55.82	+21 9.7	1.670	2.649	2.5	19.5
1 6	5 45.51	+21 6.6	1.717	2.665	6.9	19.8
1 16	5 37.17	+21 4.3	1.790	2.681	11.0	20.1
1 26	5 31.54	+21 4.1	1.888	2.696	14.3	20.3

131331 2001 HC_{27} 12 22.0 201°.26 5°.2/21.8 18

11 17	6 24.55	+ 5 31.0	2.889	3.660	10.9	20.3
11 27	6 19.48	+ 4 48.7	2.803	3.656	8.9	20.2
12 7	6 12.92	+ 4 14.8	2.742	3.652	6.9	20.0
12 17	6 5.35	+ 3 51.6	2.709	3.647	5.4	19.9
12 27	5 57.43	+ 3 40.4	2.706	3.642	5.5	19.9
1 6	5 49.84	+ 3 41.8	2.731	3.637	7.0	20.0
1 16	5 43.21	+ 3 55.0	2.785	3.631	9.0	20.1
1 26	5 38.08	+ 4 18.3	2.863	3.625	11.1	20.3

268659 2006 EL_{19} 12 22.0 233°.38 7°.0/21.8 18

11 17	6 33.81	+44 41.9	2.464	3.231	12.7	20.4
11 27	6 27.48	+45 37.8	2.383	3.226	10.6	20.2
12 7	6 18.39	+46 21.8	2.325	3.221	8.6	20.1
12 17	6 7.31	+46 48.2	2.293	3.216	7.2	20.0
12 27	5 55.46	+46 53.2	2.289	3.211	7.2	20.0
1 6	5 44.24	+46 36.5	2.313	3.206	8.7	20.0
1 16	5 34.89	+46 1.1	2.362	3.200	10.7	20.2
1 26	5 28.32	+45 12.6	2.435	3.195	12.9	20.3

71438 2000 AP_{213} 12 22.0 57°.64 0°.7/22.1 18

11 17	6 27.79	+20 25.0	1.978	2.794	13.6	20.1
11 27	6 22.51	+20 37.7	1.915	2.810	10.3	19.9
12 7	6 15.04	+20 53.5	1.875	2.826	6.4	19.7
12 17	6 6.09	+21 10.8	1.863	2.842	2.3	19.5
12 27	5 56.73	+21 28.4	1.880	2.859	2.2	19.5
1 6	5 48.05	+21 45.4	1.926	2.875	6.2	19.8
1 16	5 40.98	+22 1.8	1.999	2.892	9.9	20.1
1 26	5 36.22	+22 17.8	2.097	2.909	13.0	20.3

244153 2001 WN_{58} 12 22.0 341°.30 2°.8/21.9 17

11 17	6 29.83	+29 34.8	1.874	2.691	14.3	20.8
11 27	6 24.56	+30 6.5	1.795	2.689	10.9	20.6
12 7	6 16.60	+30 34.8	1.740	2.687	7.2	20.4
12 17	6 6.70	+30 55.9	1.711	2.686	3.6	20.2
12 27	5 56.08	+31 6.7	1.710	2.685	3.6	20.2
1 6	5 46.11	+31 6.7	1.739	2.683	7.2	20.4
1 16	5 38.00	+30 57.7	1.793	2.682	11.0	20.6
1 26	5 32.62	+30 43.1	1.871	2.682	14.3	20.8

180318 2003 XE_{12} 12 22.0 52°.71 2°.9/22.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.85	+17 26.2	1.127	1.967	20.2	19.7
11 27	6 27.36	+17 16.3	1.084	1.990	15.3	19.5
12 7	6 18.42	+17 14.6	1.061	2.014	9.8	19.3
12 17	6 7.26	+17 20.6	1.061	2.039	4.3	19.1
12 27	5 55.68	+17 33.3	1.086	2.063	4.1	19.1
1 6	5 45.49	+17 51.4	1.137	2.089	9.2	19.5
1 16	5 38.07	+18 13.9	1.211	2.114	14.0	19.8
1 26	5 34.19	+18 39.8	1.306	2.139	18.0	20.2

36601 2000 QS_{138} 12 22.0 17°.25 1°.6/22.0 18

11 17	6 29.21	+26 14.3	1.285	2.126	18.1	18.1
11 27	6 24.86	+26 30.1	1.222	2.131	13.7	17.9
12 7	6 17.09	+26 44.2	1.180	2.136	8.7	17.6
12 17	6 6.90	+26 53.1	1.162	2.141	3.3	17.3
12 27	5 55.94	+26 54.4	1.169	2.148	3.3	17.3
1 6	5 46.02	+26 48.2	1.202	2.156	8.5	17.7
1 16	5 38.62	+26 36.7	1.259	2.164	13.4	18.0
1 26	5 34.71	+26 23.5	1.337	2.173	17.5	18.2

234550 2001 VT_{115} 12 22.0 8°.58 2°.2/21.9 18

11 17	6 27.67	+26 55.6	1.137	1.988	19.2	20.0
11 27	6 24.12	+27 18.1	1.076	1.989	14.7	19.8
12 7	6 16.84	+27 38.5	1.035	1.992	9.3	19.5
12 17	6 6.86	+27 52.5	1.016	1.995	3.8	19.2
12 27	5 55.98	+27 56.8	1.022	2.000	3.8	19.2
1 6	5 46.22	+27 51.5	1.052	2.007	9.2	19.5
1 16	5 39.22	+27 39.0	1.105	2.014	14.4	19.9
1 26	5 36.02	+27 23.6	1.177	2.023	18.8	20.1

7331 Balindblad 12 22.0 68°.31 8°.8/21.3 18

11 17	6 36.51	+49 16.6	2.386	3.136	13.5	16.9
11 27	6 29.95	+50 40.7	2.319	3.139	11.7	16.7
12 7	6 20.17	+51 50.6	2.273	3.142	10.0	16.6
12 17	6 7.98	+52 38.8	2.253	3.146	8.9	16.6
12 27	5 54.82	+53 0.4	2.260	3.149	9.0	16.6
1 6	5 42.37	+52 54.8	2.292	3.152	10.2	16.6
1 16	5 32.13	+52 25.7	2.349	3.156	11.9	16.8
1 26	5 25.14	+51 39.5	2.428	3.159	13.7	16.9

235972 2005 EH_{250} 12 22.0 335°.56 8°.3/21.3 18

11 17	6 22.32	+ 5 24.1	1.719	2.525	15.8	19.8
11 27	6 18.87	+ 4 13.3	1.633	2.505	13.1	19.5
12 7	6 13.06	+ 3 14.2	1.568	2.486	10.4	19.3
12 17	6 5.52	+ 2 32.3	1.527	2.468	8.5	19.2
12 27	5 57.26	+ 2 11.9	1.512	2.451	8.7	19.1
1 6	5 49.44	+ 2 14.4	1.522	2.435	10.8	19.2
1 16	5 43.11	+ 2 38.7	1.555	2.420	13.9	19.4
1 26	5 39.14	+ 3 21.1	1.610	2.406	16.9	19.5

473828 2016 ES_{117} 12 22.0 189°.83 5°.5/21.9 18

11 17	6 30.89	+41 56.1	2.756	3.529	11.3	21.2
11 27	6 24.83	+42 37.4	2.676	3.529	9.3	21.1
12 7	6 16.52	+43 8.9	2.620	3.528	7.2	21.0
12 17	6 6.65	+43 26.4	2.591	3.528	5.7	20.9
12 27	5 56.22	+43 27.2	2.591	3.527	5.7	20.9
1 6	5 46.34	+43 11.4	2.619	3.526	7.2	21.0
1 16	5 38.00	+42 41.3	2.675	3.525	9.3	21.1
1 26	5 31.95	+42 1.2	2.756	3.523	11.4	21.2

26831 1990 OC_{5} 12 22.0 155°.09 0°.4/21.9 18

11 17	6 27.36	+23 23.0	2.849	3.649	10.3	18.9
11 27	6 21.60	+23 1.7	2.767	3.655	7.8	18.8
12 7	6 14.23	+22 39.1	2.712	3.661	4.8	18.6
12 17	6 5.81	+22 15.1	2.686	3.666	1.7	18.4
12 27	5 57.09	+21 50.1	2.692	3.671	1.7	18.4
1 6	5 48.84	+21 24.9	2.729	3.675	4.8	18.6
1 16	5 41.76	+21 0.8	2.796	3.680	7.7	18.8
1 26	5 36.37	+20 39.0	2.889	3.684	10.2	19.0

321791 2010 OK_{125} 12 22.0 42°.23 3°.7/22.3 15

11 17	6 27.38	+13 58.6	1.633	2.452	15.9	21.0
11 27	6 22.48	+13 46.9	1.576	2.469	12.2	20.8
12 7	6 15.13	+13 44.3	1.541	2.486	8.1	20.6
12 17	6 6.16	+13 51.2	1.532	2.504	4.5	20.4
12 27	5 56.77	+14 7.4	1.550	2.522	4.3	20.4
1 6	5 48.18	+14 31.7	1.596	2.541	7.8	20.7
1 16	5 41.44	+15 2.5	1.668	2.560	11.5	21.0
1 26	5 37.26	+15 37.8	1.762	2.579	14.8	21.2

401805 2014 HK_{172} 12 22.0 134°.45 1°.0/21.9 18

11 17	6 31.80	+24 41.0	2.205	3.009	12.8	21.0
11 27	6 25.48	+25 16.3	2.132	3.021	9.7	20.8
12 7	6 16.90	+25 51.8	2.084	3.033	6.0	20.6
12 17	6 6.77	+26 24.7	2.065	3.044	2.2	20.3
12 27	5 56.12	+26 52.3	2.077	3.055	2.3	20.4
1 6	5 46.07	+27 13.7	2.119	3.065	6.0	20.6
1 16	5 37.59	+27 29.2	2.190	3.075	9.5	20.9
1 26	5 31.42	+27 40.3	2.286	3.084	12.5	21.1

60781 2000 GD_{164} 12 22.0 277°.36 7°.4/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.40	+ 5 3.2	1.933	2.722	14.9	19.5
11 27	6 21.65	+ 4 10.7	1.847	2.710	12.3	19.3
12 7	6 14.66	+ 3 30.3	1.783	2.697	9.6	19.1
12 17	6 6.06	+ 3 6.2	1.744	2.685	7.6	19.0
12 27	5 56.80	+ 3 1.0	1.732	2.673	7.7	19.0
1 6	5 47.98	+ 3 15.3	1.748	2.660	9.8	19.1
1 16	5 40.58	+ 3 47.5	1.788	2.648	12.6	19.2
1 26	5 35.40	+ 4 34.2	1.851	2.635	15.5	19.4

394595 2007 VX_{216} 12 22.0 172°.35 1°.9/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.90	+28 13.6	2.263	3.066	12.6	21.8
11 27	6 25.62	+28 40.3	2.182	3.069	9.6	21.6
12 7	6 17.04	+29 4.4	2.126	3.072	6.1	21.4
12 17	6 6.84	+29 22.9	2.098	3.074	2.8	21.1
12 27	5 56.07	+29 33.5	2.100	3.076	2.8	21.1
1 6	5 45.85	+29 36.0	2.133	3.077	6.2	21.4
1 16	5 37.21	+29 31.5	2.194	3.077	9.6	21.6
1 26	5 30.91	+29 22.5	2.280	3.077	12.5	21.8

289113 2004 TS_{344} 12 22.0 27°.45 1°.3/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.92	+26 41.5	2.249	3.065	12.2	19.3
11 27	6 20.24	+26 57.3	2.185	3.081	9.2	19.2
12 7	6 13.58	+27 11.3	2.146	3.097	5.8	19.0
12 17	6 5.63	+27 21.5	2.135	3.113	2.3	18.8
12 27	5 57.31	+27 26.7	2.152	3.131	2.3	18.8
1 6	5 49.60	+27 26.9	2.200	3.148	5.6	19.1
1 16	5 43.33	+27 23.1	2.274	3.166	8.9	19.3
1 26	5 39.13	+27 16.8	2.374	3.185	11.6	19.5

198763 2005 EG_{92} 12 22.0 358°.13 13°.9/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.52	−12 38.1	1.853	2.572	17.9	19.1
11 27	6 18.75	−14 3.7	1.793	2.569	16.3	19.0
12 7	6 12.83	−15 3.5	1.750	2.567	14.9	18.9
12 17	6 5.42	−15 30.8	1.728	2.566	14.1	18.8
12 27	5 57.49	−15 21.5	1.727	2.565	14.0	18.8
1 6	5 50.08	−14 36.1	1.747	2.566	14.8	18.9
1 16	5 44.15	−13 18.8	1.787	2.567	16.1	19.0
1 26	5 40.40	−11 36.7	1.846	2.569	17.7	19.1

475812 2006 YK_{30} 12 22.0 36°.76 3°.0/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.14	+30 32.1	1.252	2.088	18.8	20.9
11 27	6 27.92	+30 35.5	1.192	2.096	14.4	20.7
12 7	6 19.01	+30 30.9	1.153	2.105	9.4	20.4
12 17	6 7.57	+30 14.2	1.137	2.114	4.3	20.2
12 27	5 55.45	+29 43.9	1.147	2.124	4.1	20.2
1 6	5 44.63	+29 2.5	1.183	2.134	9.0	20.5
1 16	5 36.66	+28 15.4	1.242	2.145	13.8	20.8
1 26	5 32.43	+27 28.6	1.323	2.156	17.9	21.1

302980 2003 UO_{357} 12 22.0 234°.57 2°.5/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.52	+29 31.2	2.179	2.982	13.0	21.2
11 27	6 26.40	+29 59.5	2.082	2.969	10.0	21.0
12 7	6 17.72	+30 24.7	2.010	2.955	6.6	20.8
12 17	6 7.14	+30 43.3	1.965	2.940	3.2	20.5
12 27	5 55.76	+30 52.4	1.951	2.925	3.3	20.5
1 6	5 44.81	+30 51.4	1.967	2.909	6.7	20.7
1 16	5 35.47	+30 41.7	2.011	2.893	10.3	20.9
1 26	5 28.63	+30 26.5	2.079	2.876	13.6	21.1

157035 2003 SV_{17} 12 22.0 131°.67 2°.2/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.63	+16 36.3	2.530	3.330	11.5	20.8
11 27	6 21.22	+16 22.0	2.455	3.340	8.7	20.7
12 7	6 14.08	+16 11.5	2.405	3.349	5.7	20.5
12 17	6 5.80	+16 5.0	2.383	3.358	2.8	20.3
12 27	5 57.17	+16 2.7	2.392	3.366	2.8	20.3
1 6	5 49.03	+16 4.6	2.432	3.374	5.6	20.5
1 16	5 42.11	+16 10.6	2.500	3.382	8.6	20.7
1 26	5 36.98	+16 20.6	2.593	3.390	11.2	20.9

399761 2005 JW_{117} 12 22.0 159°.11 0°.4/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.87	+20 45.0	2.120	2.929	13.1	21.6
11 27	6 24.12	+21 5.8	2.041	2.933	9.9	21.4
12 7	6 16.12	+21 29.6	1.986	2.936	6.2	21.2
12 17	6 6.55	+21 54.6	1.960	2.940	2.2	21.0
12 27	5 56.41	+22 19.2	1.963	2.943	2.1	21.0
1 6	5 46.81	+22 42.1	1.997	2.945	6.1	21.2
1 16	5 38.72	+23 3.1	2.059	2.948	9.8	21.5
1 26	5 32.91	+23 22.6	2.145	2.950	12.9	21.7

355341 2007 TT_{110} 12 22.0 36°.86 8°.3/23.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.52	+41 38.7	1.290	2.105	19.6	20.3
11 27	6 30.63	+42 14.3	1.246	2.126	15.8	20.1
12 7	6 20.66	+42 30.6	1.222	2.148	11.9	19.9
12 17	6 8.08	+42 20.0	1.219	2.171	8.9	19.8
12 27	5 55.09	+41 39.7	1.242	2.194	8.5	19.9
1 6	5 43.88	+40 34.0	1.289	2.219	10.9	20.1
1 16	5 36.00	+39 12.2	1.360	2.244	14.2	20.3
1 26	5 32.19	+37 44.4	1.452	2.269	17.4	20.6

208762 2002 PP_{65} 12 22.0 95°.14 7°.1/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.98	+ 4 0.9	1.822	2.608	15.8	20.2
11 27	6 22.81	+ 3 40.8	1.752	2.613	12.9	20.1
12 7	6 15.34	+ 3 37.0	1.703	2.618	9.9	19.9
12 17	6 6.29	+ 3 52.0	1.679	2.623	7.6	19.8
12 27	5 56.69	+ 4 26.6	1.682	2.628	7.3	19.8
1 6	5 47.69	+ 5 18.9	1.713	2.633	9.4	19.9
1 16	5 40.29	+ 6 25.1	1.770	2.638	12.3	20.1
1 26	5 35.23	+ 7 40.5	1.850	2.643	15.2	20.3

59253 1999 CH_{25} 12 22.0 307°.98 1°.3/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.68	+25 2.8	1.423	2.258	17.0	19.2
11 27	6 25.35	+25 27.3	1.336	2.241	13.1	18.9
12 7	6 17.61	+25 53.1	1.270	2.224	8.3	18.6
12 17	6 7.24	+26 16.5	1.228	2.208	3.1	18.3
12 27	5 55.66	+26 34.0	1.213	2.192	3.2	18.2
1 6	5 44.65	+26 44.0	1.224	2.176	8.6	18.5
1 16	5 35.87	+26 47.6	1.260	2.161	13.7	18.8
1 26	5 30.51	+26 47.4	1.316	2.147	18.1	19.0

128255 2003 SG_{270} 12 22.0 111°.16 4°.9/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.55	+ 7 33.6	2.404	3.189	12.5	19.7
11 27	6 20.46	+ 7 16.7	2.332	3.198	9.9	19.5
12 7	6 13.64	+ 7 9.9	2.283	3.206	7.3	19.4
12 17	6 5.67	+ 7 14.7	2.262	3.215	5.2	19.2
12 27	5 57.32	+ 7 31.6	2.270	3.223	5.1	19.2
1 6	5 49.44	+ 7 59.5	2.307	3.231	7.0	19.4
1 16	5 42.77	+ 8 36.9	2.371	3.239	9.6	19.6
1 26	5 37.88	+ 9 21.4	2.461	3.247	12.0	19.7

402674 2006 UJ_{273} 12 22.0 354°.92 1°.8/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.48	+21 24.9	1.576	2.406	15.8	20.6
11 27	6 22.93	+20 45.4	1.500	2.403	12.0	20.3
12 7	6 15.63	+20 5.5	1.447	2.400	7.6	20.1
12 17	6 6.42	+19 26.1	1.419	2.398	3.1	19.8
12 27	5 56.59	+18 48.9	1.419	2.397	3.2	19.8
1 6	5 47.52	+18 16.1	1.446	2.397	7.8	20.1
1 16	5 40.41	+17 49.8	1.499	2.397	12.2	20.3
1 26	5 36.11	+17 31.2	1.574	2.397	16.0	20.5

384870 2012 SW_{40} 12 22.0 252°.50 1°.3/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.11	+20 47.6	1.645	2.466	15.7	21.4
11 27	6 25.73	+20 34.3	1.559	2.457	12.0	21.1
12 7	6 17.47	+20 22.8	1.496	2.448	7.6	20.9
12 17	6 7.09	+20 12.5	1.459	2.438	2.9	20.6
12 27	5 55.88	+20 3.2	1.450	2.429	2.9	20.5
1 6	5 45.30	+19 55.5	1.469	2.419	7.7	20.8
1 16	5 36.65	+19 50.4	1.514	2.409	12.3	21.0
1 26	5 30.90	+19 49.1	1.582	2.398	16.2	21.3

24273 1999 XO_{166} 12 22.0 87°.54 1°.2/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.92	+26 59.2	1.477	2.297	17.3	18.2
11 27	6 29.95	+26 53.1	1.424	2.320	13.0	18.0
12 7	6 19.86	+26 42.7	1.392	2.343	8.1	17.7
12 17	6 7.79	+26 25.7	1.387	2.366	3.0	17.5
12 27	5 55.36	+26 1.5	1.409	2.389	2.9	17.5
1 6	5 44.21	+25 32.2	1.460	2.411	7.7	17.9
1 16	5 35.60	+25 1.1	1.537	2.432	12.1	18.2
1 26	5 30.28	+24 32.1	1.637	2.453	15.8	18.5

150722 2001 QJ_{22} 12 22.0 70°.49 3°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.61	+32 3.9	1.453	2.274	17.4	19.2
11 27	6 29.34	+32 29.6	1.398	2.292	13.4	19.0
12 7	6 19.68	+32 47.3	1.364	2.310	8.9	18.8
12 17	6 7.78	+32 51.9	1.355	2.328	4.8	18.6
12 27	5 55.35	+32 40.6	1.374	2.346	4.7	18.6
1 6	5 44.18	+32 14.9	1.419	2.364	8.5	18.9
1 16	5 35.67	+31 39.5	1.490	2.382	12.6	19.2
1 26	5 30.65	+31 0.2	1.583	2.400	16.2	19.5

357071 2001 QC_{240} 12 22.0 120°.18 3°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.61	+11 37.8	2.233	3.026	13.0	21.4
11 27	6 22.82	+11 19.5	2.165	3.042	10.1	21.2
12 7	6 15.13	+11 9.1	2.122	3.057	7.0	21.1
12 17	6 6.18	+11 7.5	2.107	3.071	4.4	20.9
12 27	5 56.88	+11 15.1	2.121	3.085	4.3	21.0
1 6	5 48.16	+11 31.3	2.165	3.099	6.8	21.1
1 16	5 40.84	+11 55.0	2.236	3.112	9.8	21.4
1 26	5 35.52	+12 24.7	2.333	3.124	12.5	21.6

457377 2008 TR_{29} 12 22.0 85°.83 2°.3/22.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.04	+29 57.1	2.318	3.124	12.2	21.4
11 27	6 23.36	+30 18.5	2.248	3.136	9.3	21.3
12 7	6 15.57	+30 35.8	2.203	3.148	6.0	21.1
12 17	6 6.35	+30 46.4	2.186	3.161	3.0	20.9
12 27	5 56.72	+30 48.6	2.199	3.173	3.0	20.9
1 6	5 47.71	+30 42.5	2.241	3.185	5.9	21.1
1 16	5 40.24	+30 29.8	2.312	3.197	9.1	21.4
1 26	5 34.97	+30 13.0	2.408	3.209	11.8	21.6

164975 2000 AO_{117} 12 22.0 18.°89 0.°8/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.71	+27 44.6	1.303	2.143	18.0	18.8
11 27	6 25.05	+27 8.5	1.242	2.150	13.6	18.5
12 7	6 17.08	+26 25.6	1.202	2.157	8.6	18.3
12 17	6 6.93	+25 35.1	1.186	2.166	3.0	18.0
12 27	5 56.23	+24 38.8	1.196	2.176	2.9	18.0
1 6	5 46.72	+23 40.5	1.233	2.187	8.3	18.3
1 16	5 39.75	+22 45.2	1.294	2.199	13.1	18.6
1 26	5 36.11	+21 57.0	1.376	2.212	17.2	18.9

332981 2011 FY_{36} 12 22.0 106.°40 2.°8/22.1 17

11 17	6 25.39	+14 32.7	2.408	3.210	11.9	21.6
11 27	6 20.43	+14 21.2	2.330	3.214	9.2	21.4
12 7	6 13.68	+14 15.3	2.277	3.218	6.1	21.2
12 17	6 5.72	+14 15.5	2.251	3.222	3.4	21.0
12 27	5 57.36	+14 21.8	2.255	3.226	3.3	21.0
1 6	5 49.45	+14 34.0	2.289	3.230	6.0	21.2
1 16	5 42.76	+14 51.5	2.351	3.234	9.0	21.4
1 26	5 37.90	+15 13.3	2.438	3.238	11.7	21.6

1204 Renzia 12 22.0 97.°67 1.°2/22.0 18 R

11 17	6 38.38	+25 52.3	1.627	2.438	16.3	15.8
11 27	6 30.79	+26 7.6	1.576	2.468	12.3	15.6
12 7	6 20.29	+26 20.6	1.547	2.497	7.7	15.4
12 17	6 7.95	+26 28.0	1.545	2.525	2.8	15.2
12 27	5 55.28	+26 28.1	1.573	2.552	2.7	15.2
1 6	5 43.79	+26 21.3	1.630	2.578	7.3	15.5
1 16	5 34.68	+26 10.1	1.714	2.604	11.4	15.9
1 26	5 28.69	+25 57.7	1.822	2.629	14.8	16.1

150443 2000 GT_{139} 12 22.0 171.°60 1.°6/22.1 18

11 17	6 31.99	+18 6.6	2.032	2.836	13.8	20.9
11 27	6 25.75	+18 11.4	1.952	2.840	10.5	20.7
12 7	6 17.18	+18 20.6	1.897	2.844	6.7	20.5
12 17	6 6.96	+18 33.4	1.868	2.846	2.8	20.2
12 27	5 56.16	+18 48.8	1.871	2.848	2.7	20.2
1 6	5 45.93	+19 6.0	1.903	2.849	6.6	20.5
1 16	5 37.31	+19 24.6	1.963	2.850	10.3	20.7
1 26	5 31.07	+19 44.7	2.048	2.849	13.6	20.9

359275 2009 HB_{2} 12 22.0 248.°15 1.°7/22.2 18

11 17	6 29.63	+16 58.6	2.211	3.013	12.9	21.3
11 27	6 24.05	+17 14.8	2.110	2.996	9.9	21.0
12 7	6 16.21	+17 37.1	2.033	2.979	6.4	20.8
12 17	6 6.68	+18 4.6	1.984	2.962	2.8	20.5
12 27	5 56.38	+18 36.0	1.966	2.943	2.6	20.5
1 6	5 46.38	+19 9.7	1.978	2.925	6.4	20.7
1 16	5 37.70	+19 44.6	2.019	2.905	10.1	20.9
1 26	5 31.17	+20 20.2	2.085	2.886	13.4	21.1

364256 2006 SW_{328} 12 22.0 305.°10 7.°4/21.0 17

11 17	6 32.89	+38 15.8	1.731	2.537	15.7	20.9
11 27	6 27.93	+39 38.8	1.639	2.515	12.8	20.6
12 7	6 19.39	+40 55.4	1.569	2.494	9.8	20.4
12 17	6 7.96	+41 56.7	1.524	2.474	7.6	20.2
12 27	5 55.06	+42 35.1	1.506	2.453	7.9	20.2
1 6	5 42.58	+42 47.4	1.515	2.433	10.5	20.3
1 16	5 32.33	+42 36.0	1.548	2.413	13.9	20.5
1 26	5 25.68	+42 7.2	1.601	2.393	17.2	20.6

451764 2013 FK_{18} 12 22.0 196.°21 1.°4/22.0 17

11 17	6 30.10	+26 25.8	2.043	2.855	13.4	22.1
11 27	6 24.51	+26 45.2	1.961	2.854	10.2	21.9
12 7	6 16.49	+27 3.1	1.904	2.853	6.4	21.7
12 17	6 6.75	+27 17.0	1.873	2.852	2.5	21.4
12 27	5 56.38	+27 24.9	1.872	2.851	2.5	21.4
1 6	5 46.59	+27 26.3	1.901	2.849	6.4	21.7
1 16	5 38.44	+27 22.5	1.957	2.847	10.2	21.9
1 26	5 32.76	+27 15.7	2.038	2.845	13.4	22.1

46813 1998 KQ_{64} 12 22.0 107.°85 1.°4/22.2 18

11 17	6 34.77	+18 23.8	1.682	2.493	15.9	19.1
11 27	6 28.06	+18 41.8	1.623	2.514	12.0	18.9
12 7	6 18.65	+19 5.3	1.586	2.535	7.6	18.7
12 17	6 7.45	+19 32.4	1.577	2.555	2.9	18.4
12 27	5 55.77	+20 0.9	1.596	2.575	2.8	18.5
1 6	5 44.99	+20 29.1	1.645	2.594	7.2	18.8
1 16	5 36.26	+20 56.6	1.722	2.612	11.3	19.1
1 26	5 30.36	+21 23.4	1.821	2.630	14.8	19.3

187664 2007 WQ_{52} 12 22.0 178.°52 2.°0/22.1 17

11 17	6 30.32	+29 6.2	2.077	2.887	13.3	20.4
11 27	6 24.63	+29 16.0	1.997	2.888	10.1	20.2
12 7	6 16.53	+29 21.7	1.940	2.888	6.5	19.9
12 17	6 6.75	+29 20.6	1.911	2.888	2.9	19.7
12 27	5 56.41	+29 11.3	1.912	2.888	2.9	19.7
1 6	5 46.70	+28 54.2	1.942	2.888	6.5	19.9
1 16	5 38.69	+28 31.6	1.999	2.888	10.1	20.2
1 26	5 33.15	+28 6.3	2.081	2.887	13.2	20.4

347256 2011 KE_{10} 12 22.0 149.°52 1.°7/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.10	+18 59.6	2.106	2.909	13.4	22.2
11 27	6 25.65	+18 45.9	2.032	2.919	10.2	22.0
12 7	6 17.01	+18 34.7	1.982	2.929	6.5	21.8
12 17	6 6.89	+18 25.8	1.961	2.938	2.7	21.6
12 27	5 56.33	+18 19.3	1.970	2.947	2.7	21.6
1 6	5 46.42	+18 15.4	2.009	2.954	6.4	21.9
1 16	5 38.11	+18 14.7	2.077	2.961	10.0	22.1
1 26	5 32.10	+18 17.4	2.169	2.968	13.0	22.3

78054 2002 JR_{140} 12 22.0 83.°75 2.°4/22.2 18

11 17	6 30.75	+16 51.6	1.738	2.552	15.3	19.8
11 27	6 24.94	+16 47.3	1.678	2.570	11.6	19.6
12 7	6 16.67	+16 48.9	1.641	2.588	7.5	19.4
12 17	6 6.78	+16 56.1	1.630	2.606	3.4	19.2
12 27	5 56.45	+17 8.3	1.648	2.624	3.3	19.2
1 6	5 46.95	+17 24.7	1.695	2.641	7.2	19.5
1 16	5 39.30	+17 44.6	1.768	2.659	11.0	19.7
1 26	5 34.24	+18 7.4	1.865	2.676	14.4	20.0

414739 2010 AL_{77} 12 22.0 28.°47 1.°2/21.9 17

11 17	6 28.00	+23 37.5	1.749	2.574	14.8	20.0
11 27	6 23.16	+24 29.5	1.687	2.586	11.1	19.8
12 7	6 15.74	+25 23.9	1.647	2.600	6.9	19.6
12 17	6 6.51	+26 16.8	1.634	2.614	2.6	19.3
12 27	5 56.68	+27 4.4	1.650	2.628	2.7	19.4
1 6	5 47.55	+27 44.3	1.694	2.644	6.9	19.7
1 16	5 40.26	+28 16.1	1.765	2.660	10.8	19.9
1 26	5 35.63	+28 41.1	1.859	2.676	14.1	20.2

450165 2001 QL_{189} 12 22.0 116.°17 8.°9/22.5 18

11 17	6 28.34	− 5 22.4	2.500	3.223	13.6	22.1
11 27	6 22.35	− 6 27.0	2.447	3.246	11.8	22.0
12 7	6 14.72	− 7 14.9	2.417	3.268	10.1	21.9
12 17	6 6.06	− 7 42.3	2.412	3.290	9.1	21.9
12 27	5 57.15	− 7 47.1	2.433	3.310	9.0	21.9
1 6	5 48.80	− 7 30.0	2.482	3.330	9.9	22.0
1 16	5 41.68	− 6 53.5	2.555	3.349	11.4	22.2
1 26	5 36.34	− 6 1.6	2.651	3.368	13.0	22.3

390314 2013 AT_{122} 12 22.0 147.°69 2.°1/22.3 18

11 17	6 30.30	+15 23.6	2.132	2.932	13.3	21.1
11 27	6 24.37	+15 43.9	2.055	2.940	10.2	20.9
12 7	6 16.27	+16 11.4	2.003	2.947	6.6	20.7
12 17	6 6.66	+16 45.0	1.978	2.954	3.1	20.4
12 27	5 56.52	+17 23.2	1.984	2.960	2.9	20.4
1 6	5 46.90	+18 4.0	2.020	2.966	6.3	20.7
1 16	5 38.75	+18 45.9	2.085	2.971	9.9	20.9
1 26	5 32.81	+19 28.0	2.175	2.976	12.9	21.1

395979 2013 BR_{24} 12 22.0 2.°66 1.°9/21.9 18

11 17	6 29.07	+20 37.3	1.548	2.376	16.2	20.6
11 27	6 24.18	+20 6.1	1.474	2.375	12.3	20.4
12 7	6 16.47	+19 36.1	1.423	2.375	7.8	20.1
12 17	6 6.78	+19 7.7	1.397	2.376	3.2	19.8
12 27	5 56.44	+18 42.1	1.398	2.376	3.2	19.8
1 6	5 46.89	+18 20.7	1.427	2.377	7.9	20.1
1 16	5 39.37	+18 5.1	1.481	2.378	12.3	20.4
1 26	5 34.73	+17 56.2	1.558	2.380	16.2	20.6

102837 1999 VE_{192} 12 22.0 41.°16 3.°8/21.7 17

11 17	6 30.20	+31 31.1	1.953	2.766	13.9	19.6
11 27	6 24.82	+32 25.4	1.883	2.772	10.7	19.4
12 7	6 16.79	+33 15.6	1.837	2.779	7.3	19.2
12 17	6 6.89	+33 56.8	1.817	2.787	4.3	19.0
12 27	5 56.30	+34 25.1	1.826	2.794	4.4	19.0
1 6	5 46.38	+34 39.4	1.864	2.802	7.4	19.2
1 16	5 38.29	+34 41.2	1.928	2.810	10.7	19.4
1 26	5 32.90	+34 34.1	2.016	2.818	13.7	19.7

49779 1999 XG_{3} 12 22.1 332.°55 0.°5/22.1 18

11 17	6 29.33	+20 3.9	1.261	2.101	18.4	18.2
11 27	6 25.24	+20 35.7	1.185	2.093	14.1	17.9
12 7	6 17.63	+21 15.5	1.129	2.085	8.9	17.6
12 17	6 7.32	+22 0.4	1.097	2.078	3.1	17.2
12 27	5 55.83	+22 46.4	1.091	2.071	3.0	17.2
1 6	5 45.05	+23 30.0	1.111	2.065	8.9	17.5
1 16	5 36.67	+24 9.6	1.154	2.060	14.3	17.8
1 26	5 31.87	+24 45.3	1.218	2.055	18.8	18.1

192251 2008 FF_{69} 12 22.1 194.°78 0.°3/22.1 17

11 17	6 28.45	+22 3.6	2.289	3.098	12.3	21.2
11 27	6 22.97	+22 11.1	2.205	3.096	9.3	21.0
12 7	6 15.40	+22 19.8	2.145	3.095	5.8	20.8
12 17	6 6.38	+22 28.6	2.113	3.093	2.0	20.5
12 27	5 56.83	+22 36.3	2.111	3.091	2.0	20.5
1 6	5 47.75	+22 42.7	2.140	3.088	5.8	20.8
1 16	5 40.06	+22 48.0	2.197	3.086	9.3	21.0
1 26	5 34.46	+22 53.1	2.278	3.083	12.3	21.2

371844 2007 XA_{30} 12 22.1 38.°47 1.°7/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.04	+18 22.6	1.048	1.897	20.7	20.1
11 27	6 26.57	+18 41.3	0.998	1.909	15.8	19.9
12 7	6 18.32	+19 9.3	0.967	1.923	10.0	19.6
12 17	6 7.46	+19 44.1	0.958	1.938	3.8	19.3
12 27	5 55.84	+20 22.1	0.973	1.953	3.6	19.3
1 6	5 45.50	+21 0.5	1.013	1.969	9.4	19.7
1 16	5 38.03	+21 37.5	1.076	1.986	14.8	20.1
1 26	5 34.40	+22 12.8	1.159	2.003	19.2	20.4

328693 2009 SB_{353} 12 22.1 271.°05 4.°0/21.9 17

11 17	6 26.20	+12 55.1	2.169	2.972	13.0	21.7
11 27	6 21.24	+12 18.2	2.088	2.970	10.2	21.5
12 7	6 14.30	+11 47.3	2.031	2.969	7.1	21.3
12 17	6 6.00	+11 24.4	2.001	2.967	4.5	21.2
12 27	5 57.22	+11 10.7	2.001	2.965	4.5	21.2
1 6	5 48.94	+11 6.7	2.029	2.964	7.1	21.3
1 16	5 42.00	+11 12.4	2.084	2.962	10.3	21.5
1 26	5 37.08	+11 26.5	2.164	2.960	13.1	21.7

63979 2001 SC_{86} 12 22.1 110.°21 1.°8/22.1 18

11 17	6 25.69	+17 41.6	2.527	3.332	11.4	20.1
11 27	6 20.58	+17 28.5	2.451	3.339	8.6	20.0
12 7	6 13.75	+17 18.5	2.400	3.346	5.6	19.8
12 17	6 5.78	+17 11.8	2.376	3.352	2.6	19.6
12 27	5 57.45	+17 8.6	2.384	3.359	2.5	19.6
1 6	5 49.59	+17 8.8	2.421	3.366	5.5	19.8
1 16	5 42.93	+17 12.5	2.487	3.372	8.5	20.0
1 26	5 38.05	+17 19.7	2.578	3.379	11.2	20.2

323224 2003 SX_{95} 12 22.1 81.°48 7.°5/22.4 17

11 17	6 36.54	+46 3.4	2.298	3.061	13.6	20.5
11 27	6 29.54	+46 59.5	2.241	3.079	11.4	20.4
12 7	6 19.66	+47 41.0	2.207	3.098	9.2	20.3
12 17	6 7.84	+48 2.0	2.198	3.116	7.8	20.2
12 27	5 55.48	+47 59.3	2.217	3.134	7.7	20.3
1 6	5 44.10	+47 33.7	2.263	3.153	9.0	20.4
1 16	5 34.91	+46 49.4	2.335	3.171	11.0	20.5
1 26	5 28.72	+45 52.9	2.430	3.188	13.0	20.7

404248 2013 EW_{29} 12 22.1 239.°82 2.°4/21.9 17

11 17	6 30.95	+29 14.7	2.024	2.834	13.6	21.0
11 27	6 25.32	+29 39.8	1.937	2.827	10.4	20.8
12 7	6 17.11	+30 1.6	1.874	2.821	6.8	20.5
12 17	6 7.04	+30 16.7	1.838	2.814	3.2	20.3
12 27	5 56.22	+30 22.5	1.831	2.806	3.2	20.3
1 6	5 45.96	+30 18.7	1.854	2.799	6.8	20.5
1 16	5 37.41	+30 6.9	1.904	2.791	10.6	20.7
1 26	5 31.45	+29 50.3	1.978	2.784	13.8	20.9

190476 2000 DZ_{70} 12 22.1 2.°89 2.°9/22.2 17

11 17	6 27.75	+30 55.2	1.744	2.567	14.9	19.0
11 27	6 23.17	+31 7.9	1.670	2.566	11.4	18.8
12 7	6 15.85	+31 14.6	1.618	2.566	7.5	18.5
12 17	6 6.60	+31 12.1	1.592	2.567	3.8	18.3
12 27	5 56.72	+30 58.6	1.594	2.569	3.7	18.3
1 6	5 47.61	+30 34.9	1.623	2.571	7.4	18.5
1 16	5 40.46	+30 3.9	1.679	2.574	11.3	18.8
1 26	5 36.11	+29 29.6	1.757	2.578	14.7	19.0

372872 2010 WA_{40} 12 22.1 50.°66 4.°6/22.0 18

11 17	6 31.56	+15 34.8	1.153	1.990	20.0	20.3
11 27	6 26.49	+14 53.1	1.102	2.005	15.3	20.1
12 7	6 18.03	+14 20.2	1.071	2.021	10.2	19.8
12 17	6 7.34	+13 58.3	1.063	2.037	5.5	19.6
12 27	5 56.10	+13 49.0	1.081	2.054	5.5	19.7
1 6	5 46.10	+13 52.4	1.123	2.071	9.9	20.0
1 16	5 38.72	+14 7.3	1.189	2.088	14.5	20.3
1 26	5 34.80	+14 31.5	1.274	2.105	18.5	20.6

474618 2004 TT_{78} 12 22.1 339.°89 4.°2/21.9 18

11 17	6 27.81	+15 22.4	1.432	2.262	17.2	21.1
11 27	6 23.46	+14 44.5	1.357	2.256	13.4	20.8
12 7	6 16.17	+14 13.2	1.303	2.251	9.0	20.5
12 17	6 6.76	+13 50.6	1.274	2.246	5.0	20.3
12 27	5 56.56	+13 38.7	1.270	2.242	5.1	20.3
1 6	5 47.09	+13 38.0	1.293	2.239	9.1	20.5
1 16	5 39.65	+13 48.4	1.341	2.236	13.5	20.8
1 26	5 35.20	+14 8.3	1.409	2.233	17.4	21.0

451963 2014 MR_{61} 12 22.1 150.°04 2.°6/22.3 18

11 17	6 28.01	+15 6.9	2.019	2.827	13.7	21.7
11 27	6 22.81	+15 11.9	1.940	2.828	10.5	21.5
12 7	6 15.39	+15 24.1	1.884	2.829	6.9	21.2
12 17	6 6.43	+15 43.3	1.856	2.830	3.5	21.0
12 27	5 56.89	+16 8.6	1.857	2.831	3.3	21.0
1 6	5 47.87	+16 38.7	1.887	2.832	6.7	21.2
1 16	5 40.33	+17 12.3	1.945	2.833	10.3	21.5
1 26	5 35.03	+17 48.4	2.027	2.834	13.5	21.7

159841 2003 UR_{263} 12 22.1 112.°07 3.°3/21.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.31	+32 33.8	2.619	3.412	11.3	19.9
11 27	6 24.99	+33 24.9	2.551	3.429	8.7	19.7
12 7	6 16.60	+34 11.4	2.509	3.445	6.0	19.6
12 17	6 6.81	+34 49.5	2.496	3.462	3.7	19.4
12 27	5 56.54	+35 16.5	2.513	3.478	3.7	19.5
1 6	5 46.81	+35 31.6	2.561	3.493	6.0	19.6
1 16	5 38.50	+35 36.0	2.638	3.508	8.6	19.8
1 26	5 32.32	+35 32.5	2.740	3.523	11.0	20.0

383583 2007 FP_{45} 12 22.1 330.°25 0.°1/22.1 18

11 17	6 28.77	+23 21.7	1.293	2.134	18.0	21.0
11 27	6 24.76	+23 20.4	1.215	2.124	13.8	20.7
12 7	6 17.28	+23 19.9	1.157	2.114	8.7	20.4
12 17	6 7.22	+23 18.2	1.123	2.104	3.0	20.1
12 27	5 56.09	+23 14.1	1.115	2.095	3.0	20.0
1 6	5 45.75	+23 7.7	1.133	2.087	8.8	20.4
1 16	5 37.79	+23 0.5	1.174	2.080	14.1	20.6
1 26	5 33.34	+22 55.0	1.235	2.074	18.6	20.9

164276 2004 XG_{24} 12 22.1 88.°85 0.°5/22.0 18

11 17	6 37.50	+22 31.6	1.341	2.166	18.4	20.2
11 27	6 30.75	+23 6.4	1.290	2.189	13.9	19.9
12 7	6 20.62	+23 44.0	1.260	2.213	8.6	19.7
12 17	6 8.22	+24 19.9	1.255	2.235	3.0	19.4
12 27	5 55.26	+24 50.4	1.278	2.258	2.9	19.5
1 6	5 43.54	+25 13.8	1.329	2.280	8.2	19.9
1 16	5 34.48	+25 31.0	1.405	2.301	12.9	20.2
1 26	5 28.95	+25 44.3	1.503	2.322	16.8	20.5

336911 2011 HS_{19} 12 22.1 266.°31 2.°0/21.9 18

11 17	6 27.74	+28 48.7	2.485	3.290	11.5	21.3
11 27	6 22.50	+29 12.6	2.391	3.279	8.8	21.1
12 7	6 15.18	+29 34.0	2.321	3.268	5.7	20.9
12 17	6 6.37	+29 50.4	2.281	3.256	2.7	20.6
12 27	5 56.95	+29 59.9	2.270	3.245	2.7	20.6
1 6	5 47.91	+30 1.9	2.289	3.233	5.8	20.8
1 16	5 40.18	+29 57.3	2.337	3.222	9.0	21.0
1 26	5 34.51	+29 48.3	2.409	3.210	11.8	21.2

238151 2003 SJ_{41} 12 22.1 116.°51 7.°2/22.2 18

11 17	6 39.33	+42 21.7	2.026	2.802	14.8	20.9
11 27	6 31.88	+43 21.7	1.965	2.819	12.0	20.7
12 7	6 21.26	+44 8.5	1.927	2.835	9.4	20.6
12 17	6 8.46	+44 35.0	1.915	2.851	7.5	20.5
12 27	5 55.01	+44 37.3	1.931	2.866	7.4	20.6
1 6	5 42.59	+44 15.9	1.975	2.881	9.2	20.7
1 16	5 32.58	+43 35.5	2.044	2.895	11.7	20.9
1 26	5 25.84	+42 43.2	2.137	2.908	14.1	21.1

168146 2006 HY_{24} 12 22.1 358.°79 1.°6/22.1 18

11 17	6 29.29	+19 6.3	1.634	2.457	15.7	20.2
11 27	6 24.30	+19 5.8	1.558	2.457	12.0	19.9
12 7	6 16.57	+19 9.9	1.505	2.456	7.6	19.7
12 17	6 6.89	+19 17.8	1.477	2.456	3.0	19.4
12 27	5 56.49	+19 28.7	1.478	2.456	2.9	19.4
1 6	5 46.77	+19 41.8	1.506	2.456	7.5	19.7
1 16	5 38.95	+19 57.0	1.560	2.457	11.9	19.9
1 26	5 33.91	+20 14.2	1.637	2.457	15.6	20.2

209258 2003 WS_{159} 12 22.1 44.°23 0.°1/22.1 18

11 17	6 30.21	+22 11.0	1.481	2.311	16.7	20.1
11 27	6 25.14	+22 34.5	1.421	2.323	12.6	19.8
12 7	6 17.12	+23 0.9	1.383	2.337	7.8	19.6
12 17	6 7.06	+23 27.4	1.370	2.350	2.7	19.3
12 27	5 56.39	+23 51.4	1.384	2.364	2.6	19.4
1 6	5 46.63	+24 11.5	1.426	2.379	7.6	19.7
1 16	5 39.06	+24 27.9	1.494	2.394	12.1	20.0
1 26	5 34.52	+24 42.0	1.584	2.409	15.8	20.3

162230 1999 TS_{148} 12 22.1 61.°13 3.°2/22.1 18

11 17	6 29.69	+16 3.8	1.578	2.399	16.3	20.5
11 27	6 24.42	+15 43.9	1.517	2.412	12.5	20.3
12 7	6 16.50	+15 30.7	1.477	2.425	8.2	20.0
12 17	6 6.82	+15 25.0	1.464	2.438	4.1	19.8
12 27	5 56.63	+15 26.8	1.478	2.452	4.0	19.9
1 6	5 47.30	+15 36.0	1.519	2.466	7.9	20.1
1 16	5 39.95	+15 51.8	1.586	2.479	12.0	20.4
1 26	5 35.33	+16 13.1	1.676	2.493	15.4	20.7

331687 2002 QF_{104} 12 22.1 161.°19 5.°4/22.2 18

11 17	6 31.79	+10 14.7	1.784	2.582	15.6	22.1
11 27	6 25.78	+ 9 41.4	1.711	2.587	12.4	21.9
12 7	6 17.30	+ 9 18.3	1.660	2.593	8.8	21.7
12 17	6 7.10	+ 9 7.7	1.636	2.597	5.9	21.5
12 27	5 56.33	+ 9 10.7	1.640	2.601	5.8	21.5
1 6	5 46.23	+ 9 27.1	1.673	2.604	8.7	21.7
1 16	5 37.88	+ 9 55.2	1.732	2.607	12.1	21.9
1 26	5 32.06	+10 32.6	1.814	2.609	15.3	22.1

109103 2001 QW_{35} 12 22.1 123°.27 2°.0/22.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.78	+16 31.9	2.634	3.434	11.1	20.5
11 27	6 20.60	+16 26.7	2.558	3.443	8.4	20.3
12 7	6 13.77	+16 25.5	2.507	3.452	5.5	20.1
12 17	6 5.84	+16 28.4	2.485	3.460	2.6	20.0
12 27	5 57.56	+16 35.1	2.494	3.468	2.6	20.0
1 6	5 49.72	+16 45.3	2.533	3.476	5.3	20.2
1 16	5 43.02	+16 58.7	2.600	3.484	8.2	20.4
1 26	5 38.03	+17 15.0	2.694	3.492	10.8	20.5

345383 2006 BM_{67} 12 22.1 294°.40 1°.1/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.51	+25 22.2	1.565	2.392	16.1	21.3
11 27	6 25.68	+25 35.2	1.477	2.378	12.3	21.1
12 7	6 17.71	+25 47.7	1.411	2.364	7.8	20.8
12 17	6 7.37	+25 56.8	1.370	2.350	2.9	20.4
12 27	5 55.99	+26 0.2	1.356	2.336	2.9	20.4
1 6	5 45.21	+25 57.3	1.370	2.322	8.0	20.7
1 16	5 36.49	+25 49.8	1.410	2.308	12.7	20.9
1 26	5 30.92	+25 40.4	1.471	2.295	16.9	21.1

452886 2006 TK_{123} 12 22.1 48°.47 2°.4/21.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.75	+27 41.6	1.672	2.495	15.4	21.5
11 27	6 25.42	+28 19.4	1.609	2.507	11.7	21.2
12 7	6 17.24	+28 55.0	1.568	2.518	7.5	21.0
12 17	6 7.11	+29 24.5	1.554	2.531	3.4	20.8
12 27	5 56.34	+29 44.4	1.567	2.543	3.4	20.8
1 6	5 46.42	+29 54.0	1.608	2.556	7.4	21.1
1 16	5 38.57	+29 55.0	1.676	2.569	11.4	21.4
1 26	5 33.63	+29 50.2	1.766	2.582	14.8	21.6

277906 2006 KG_{72} 12 22.1 332°.23 4°.1/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.65	+13 13.0	1.949	2.762	13.9	20.7
11 27	6 20.40	+12 40.5	1.864	2.752	10.9	20.4
12 7	6 13.97	+12 14.7	1.802	2.742	7.5	20.2
12 17	6 5.99	+11 57.5	1.766	2.733	4.7	20.0
12 27	5 57.41	+11 50.4	1.758	2.725	4.7	20.0
1 6	5 49.30	+11 53.6	1.778	2.717	7.6	20.2
1 16	5 42.62	+12 6.6	1.824	2.709	11.1	20.4
1 26	5 38.13	+12 28.2	1.894	2.702	14.3	20.6

291690 2006 HK_{104} 12 22.1 69°.56 4°.1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.84	+10 46.1	1.702	2.503	16.2	20.4
11 27	6 26.37	+11 1.0	1.656	2.536	12.5	20.3
12 7	6 17.49	+11 28.2	1.632	2.569	8.5	20.1
12 17	6 7.11	+12 6.8	1.634	2.602	4.9	20.0
12 27	5 56.44	+12 54.9	1.666	2.635	4.5	20.0
1 6	5 46.70	+13 49.4	1.726	2.667	7.6	20.3
1 16	5 38.89	+14 47.4	1.814	2.699	11.1	20.5
1 26	5 33.66	+15 46.4	1.926	2.730	14.2	20.8

185687 1996 XP_{16} 12 22.1 288°.39 3°.0/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.20	+27 6.8	1.418	2.247	17.4	20.3
11 27	6 28.10	+28 2.4	1.340	2.240	13.4	20.1
12 7	6 19.43	+28 59.2	1.283	2.234	8.7	19.8
12 17	6 8.02	+29 50.9	1.251	2.228	4.0	19.5
12 27	5 55.40	+30 31.5	1.246	2.222	4.2	19.5
1 6	5 43.48	+30 58.2	1.268	2.216	9.0	19.7
1 16	5 33.97	+31 11.7	1.315	2.210	13.8	20.0
1 26	5 28.07	+31 16.0	1.383	2.204	17.9	20.3

399794 2005 QG_{78} 12 22.1 109°.78 0°.5/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.43	+24 56.5	2.179	2.987	12.8	21.5
11 27	6 24.43	+25 0.7	2.110	3.001	9.7	21.3
12 7	6 16.29	+25 3.7	2.066	3.016	6.0	21.1
12 17	6 6.73	+25 3.7	2.050	3.030	2.1	20.9
12 27	5 56.77	+25 0.1	2.064	3.043	2.0	20.9
1 6	5 47.49	+24 53.0	2.108	3.056	5.9	21.2
1 16	5 39.79	+24 43.7	2.180	3.069	9.3	21.4
1 26	5 34.35	+24 34.0	2.277	3.082	12.3	21.7

406794 2008 TR_{65} 12 22.1 33°.28 1°.7/22.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.37	+19 22.9	1.924	2.744	13.8	20.4
11 27	6 21.58	+19 4.1	1.858	2.754	10.5	20.2
12 7	6 14.59	+18 47.9	1.814	2.765	6.6	20.0
12 17	6 6.16	+18 34.7	1.798	2.776	2.8	19.8
12 27	5 57.32	+18 24.7	1.810	2.788	2.8	19.8
1 6	5 49.15	+18 18.3	1.851	2.800	6.5	20.1
1 16	5 42.57	+18 15.9	1.919	2.812	10.2	20.3
1 26	5 38.27	+18 17.8	2.011	2.825	13.3	20.5

146553 2001 SX_{304} 12 22.1 47°.29 2°.3/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.16	+17 56.4	1.819	2.636	14.6	20.7
11 27	6 23.09	+17 36.6	1.747	2.641	11.1	20.5
12 7	6 15.63	+17 20.7	1.697	2.646	7.2	20.3
12 17	6 6.55	+17 9.3	1.674	2.651	3.3	20.1
12 27	5 56.94	+17 2.6	1.680	2.656	3.3	20.1
1 6	5 47.99	+17 1.0	1.714	2.661	7.1	20.3
1 16	5 40.75	+17 4.6	1.775	2.667	10.9	20.6
1 26	5 35.95	+17 13.2	1.859	2.672	14.3	20.8

105164 2000 OM_{12} 12 22.1 37°.37 7°.2/23.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.98	+ 5 8.9	1.168	1.986	21.0	18.7
11 27	6 25.16	+ 5 27.4	1.123	2.008	16.7	18.5
12 7	6 17.17	+ 6 10.6	1.098	2.031	12.2	18.3
12 17	6 7.08	+ 7 18.7	1.094	2.055	8.2	18.1
12 27	5 56.48	+ 8 48.1	1.116	2.079	7.4	18.2
1 6	5 47.02	+10 31.5	1.163	2.105	10.4	18.4
1 16	5 40.00	+12 20.8	1.235	2.131	14.4	18.7
1 26	5 36.26	+14 9.2	1.327	2.158	18.0	19.0

248954 2006 XB_{17} 12 22.1 16°.85 3°.5/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.84	+31 59.1	1.329	2.167	17.8	19.8
11 27	6 24.58	+32 1.0	1.271	2.175	13.7	19.6
12 7	6 16.94	+31 53.5	1.234	2.184	9.0	19.4
12 17	6 7.03	+31 33.2	1.220	2.195	4.6	19.1
12 27	5 56.54	+30 59.1	1.231	2.207	4.3	19.2
1 6	5 47.23	+30 13.7	1.269	2.220	8.5	19.4
1 16	5 40.49	+29 22.3	1.331	2.235	12.9	19.7
1 26	5 37.15	+28 30.5	1.415	2.250	16.8	20.0

207147 2005 CV_{16} 12 22.1 232°.99 5°.9/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.18	+39 16.9	1.833	2.628	15.4	20.5
11 27	6 29.70	+39 35.2	1.753	2.626	12.3	20.3
12 7	6 20.01	+39 40.4	1.696	2.623	9.1	20.0
12 17	6 8.09	+39 27.0	1.664	2.620	6.4	19.9
12 27	5 55.46	+38 52.0	1.660	2.617	6.2	19.9
1 6	5 43.81	+37 57.2	1.684	2.614	8.7	20.0
1 16	5 34.53	+36 48.2	1.734	2.611	12.0	20.2
1 26	5 28.53	+35 32.4	1.808	2.608	15.2	20.4

369791 2012 HW_{17} 12 22.1 130°.24 4°.1/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.64	+11 2.5	2.292	3.089	12.6	21.6
11 27	6 20.75	+10 43.4	2.213	3.090	9.9	21.4
12 7	6 14.00	+10 32.3	2.158	3.091	7.0	21.2
12 17	6 5.97	+10 30.6	2.130	3.093	4.5	21.1
12 27	5 57.50	+10 38.6	2.131	3.094	4.4	21.1
1 6	5 49.47	+10 56.1	2.161	3.095	6.8	21.2
1 16	5 42.70	+11 21.9	2.219	3.096	9.8	21.4
1 26	5 37.81	+11 54.4	2.301	3.097	12.5	21.6

29830 1999 ER_{4} 12 22.1 100°.20 2°.6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.74	+16 26.9	2.033	2.841	13.6	18.0
11 27	6 23.21	+16 8.0	1.964	2.853	10.4	17.8
12 7	6 15.56	+15 53.8	1.919	2.865	6.8	17.6
12 17	6 6.50	+15 45.0	1.902	2.876	3.4	17.4
12 27	5 57.03	+15 41.6	1.914	2.888	3.3	17.4
1 6	5 48.20	+15 43.9	1.955	2.899	6.6	17.7
1 16	5 40.91	+15 51.6	2.024	2.910	10.1	17.9
1 26	5 35.84	+16 4.3	2.116	2.921	13.1	18.1

229453 2005 UJ_{162} 12 22.1 53°.61 2°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.44	+17 12.1	1.331	2.162	18.2	19.4
11 27	6 26.22	+17 30.1	1.276	2.177	13.8	19.2
12 7	6 17.86	+17 56.8	1.241	2.193	8.8	19.0
12 17	6 7.35	+18 30.5	1.231	2.209	3.6	18.7
12 27	5 56.23	+19 8.3	1.247	2.226	3.4	18.7
1 6	5 46.12	+19 47.7	1.290	2.242	8.3	19.1
1 16	5 38.36	+20 27.0	1.359	2.260	12.9	19.4
1 26	5 33.83	+21 5.4	1.449	2.277	16.9	19.7

249922 2001 SG_{295} 12 22.1 149°.35 2°.6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.67	+16 4.3	2.140	2.944	13.1	21.4
11 27	6 23.14	+15 49.7	2.063	2.950	10.1	21.2
12 7	6 15.53	+15 40.0	2.010	2.954	6.6	21.0
12 17	6 6.51	+15 35.6	1.985	2.959	3.3	20.8
12 27	5 57.02	+15 36.7	1.990	2.963	3.3	20.8
1 6	5 48.07	+15 43.1	2.024	2.967	6.5	21.0
1 16	5 40.57	+15 54.5	2.086	2.971	9.9	21.2
1 26	5 35.21	+16 10.5	2.173	2.974	12.9	21.4

133778 2003 WF_{97} 12 22.1 145°.62 2°.4/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.80	+28 9.4	2.170	2.972	13.1	20.2
11 27	6 27.24	+29 0.8	2.096	2.981	10.0	20.0
12 7	6 18.22	+29 50.6	2.046	2.991	6.5	19.8
12 17	6 7.47	+30 34.5	2.025	2.999	3.1	19.6
12 27	5 56.07	+31 9.0	2.034	3.008	3.2	19.7
1 6	5 45.25	+31 32.8	2.074	3.015	6.5	19.9
1 16	5 36.11	+31 46.5	2.142	3.022	9.9	20.1
1 26	5 29.45	+31 52.7	2.235	3.029	12.9	20.3

116372 2003 YJ_{108} 12 22.1 22°.34 9°.0/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.12	+ 6 0.6	1.368	2.184	18.6	18.8
11 27	6 22.00	+ 4 41.0	1.312	2.191	15.2	18.6
12 7	6 15.13	+ 3 37.4	1.277	2.200	11.8	18.5
12 17	6 6.41	+ 2 55.7	1.264	2.209	9.4	18.4
12 27	5 57.15	+ 2 40.0	1.275	2.219	9.4	18.4
1 6	5 48.74	+ 2 50.3	1.311	2.230	11.7	18.5
1 16	5 42.36	+ 3 23.6	1.370	2.242	14.9	18.8
1 26	5 38.79	+ 4 14.2	1.449	2.255	18.0	19.0

66241 1999 FN_{17} 12 22.1 199°.66 1°.8/22.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.23	+27 50.0	2.145	2.954	13.0	20.8
11 27	6 24.58	+28 9.5	2.062	2.952	9.9	20.6
12 7	6 16.58	+28 26.4	2.003	2.951	6.3	20.3
12 17	6 6.90	+28 38.1	1.972	2.949	2.7	20.1
12 27	5 56.62	+28 42.6	1.970	2.947	2.7	20.1
1 6	5 46.88	+28 39.8	1.998	2.944	6.3	20.3
1 16	5 38.75	+28 31.0	2.054	2.942	9.9	20.5
1 26	5 32.99	+28 18.7	2.134	2.939	13.0	20.7

432605 2010 TS_{171} 12 22.1 64°.87 0°.7/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.63	+24 3.4	1.204	2.039	19.4	20.9
11 27	6 29.52	+23 29.6	1.153	2.058	14.7	20.7
12 7	6 19.89	+22 53.6	1.123	2.078	9.1	20.5
12 17	6 8.01	+22 15.3	1.117	2.097	3.2	20.2
12 27	5 55.70	+21 36.0	1.137	2.117	3.1	20.2
1 6	5 44.84	+20 58.5	1.183	2.136	8.7	20.6
1 16	5 36.80	+20 26.3	1.254	2.156	13.7	20.9
1 26	5 32.38	+20 1.8	1.346	2.175	17.8	21.3

145713 1991 TQ_{15} 12 22.1 81°.32 2°.6/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.05	+17 17.7	1.505	2.321	17.2	20.0
11 27	6 28.34	+17 6.8	1.457	2.350	13.0	19.8
12 7	6 18.85	+17 2.0	1.431	2.379	8.3	19.6
12 17	6 7.62	+17 2.9	1.431	2.407	3.7	19.4
12 27	5 56.06	+17 8.8	1.459	2.435	3.6	19.5
1 6	5 45.64	+17 19.4	1.515	2.462	7.8	19.8
1 16	5 37.48	+17 34.1	1.598	2.489	12.0	20.1
1 26	5 32.29	+17 52.6	1.703	2.515	15.4	20.4

139757 2001 QF_{283} 12 22.1 127°.65 2°.2/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.61	+19 32.6	2.071	2.879	13.4	19.4
11 27	6 24.58	+18 47.6	1.997	2.887	10.2	19.2
12 7	6 16.39	+18 3.2	1.948	2.895	6.5	19.0
12 17	6 6.79	+17 20.6	1.926	2.903	3.0	18.7
12 27	5 56.81	+16 41.6	1.935	2.910	3.1	18.8
1 6	5 47.51	+16 7.8	1.974	2.917	6.6	19.0
1 16	5 39.80	+15 40.8	2.040	2.924	10.1	19.2
1 26	5 34.36	+15 21.4	2.131	2.931	13.2	19.4

53952 2000 GF_{59} 12 22.1 219°.17 6°.0/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.48	+ 7 16.2	2.166	2.952	13.6	19.6
11 27	6 22.25	+ 6 27.8	2.082	2.946	11.0	19.4
12 7	6 15.01	+ 5 49.0	2.021	2.941	8.3	19.2
12 17	6 6.36	+ 5 22.8	1.987	2.935	6.3	19.1
12 27	5 57.18	+ 5 11.4	1.982	2.928	6.3	19.1
1 6	5 48.44	+ 5 15.3	2.005	2.922	8.4	19.2
1 16	5 41.02	+ 5 33.5	2.055	2.915	11.2	19.4
1 26	5 35.63	+ 6 3.7	2.127	2.908	13.9	19.6

63738 2001 QA_{251} 12 22.1 62°.91 3°.0/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.29	+29 10.5	1.881	2.695	14.3	19.0
11 27	6 25.79	+30 0.9	1.805	2.697	11.0	18.8
12 7	6 17.53	+30 49.2	1.753	2.699	7.2	18.6
12 17	6 7.29	+31 30.7	1.727	2.701	3.7	18.4
12 27	5 56.28	+32 1.4	1.731	2.704	3.8	18.4
1 6	5 45.89	+32 19.8	1.763	2.706	7.3	18.6
1 16	5 37.36	+32 27.0	1.822	2.708	11.0	18.9
1 26	5 31.60	+32 26.1	1.904	2.710	14.3	19.1

334894 2003 WO_{42} 12 22.1 73°.52 2°.5/21.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.73	+25 42.1	1.666	2.478	15.9	20.0
11 27	6 29.83	+27 1.7	1.615	2.507	12.0	19.9
12 7	6 19.96	+28 21.5	1.587	2.535	7.6	19.7
12 17	6 8.08	+29 35.1	1.587	2.564	3.4	19.5
12 27	5 55.60	+30 36.8	1.617	2.592	3.6	19.6
1 6	5 44.09	+31 23.9	1.676	2.619	7.6	19.9
1 16	5 34.82	+31 57.1	1.762	2.646	11.4	20.1
1 26	5 28.65	+32 19.6	1.871	2.673	14.7	20.4

151722 2003 BU_{61} 12 22.1 319°.89 1°.8/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.18	+19 55.7	1.330	2.168	17.7	20.3
11 27	6 24.25	+19 44.2	1.247	2.153	13.6	20.0
12 7	6 17.00	+19 36.5	1.184	2.139	8.8	19.7
12 17	6 7.21	+19 32.4	1.145	2.125	3.5	19.4
12 27	5 56.32	+19 31.6	1.132	2.111	3.4	19.3
1 6	5 46.08	+19 34.1	1.145	2.099	8.9	19.6
1 16	5 38.05	+19 40.5	1.182	2.087	14.1	19.9
1 26	5 33.38	+19 51.2	1.239	2.075	18.6	20.1

438892 2009 UO_{11} 12 22.1 251°.47 1°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.38	+18 18.8	1.568	2.389	16.4	21.8
11 27	6 26.15	+18 22.6	1.484	2.381	12.6	21.6
12 7	6 17.93	+18 32.4	1.423	2.373	8.1	21.3
12 17	6 7.49	+18 47.4	1.387	2.365	3.3	21.0
12 27	5 56.11	+19 6.2	1.379	2.357	3.2	21.0
1 6	5 45.34	+19 27.7	1.398	2.348	8.0	21.2
1 16	5 36.53	+19 51.1	1.444	2.340	12.7	21.5
1 26	5 30.72	+20 16.4	1.512	2.331	16.7	21.7

398503 2011 UQ_{201} 12 22.1 118°.16 1°.0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.04	+20 8.4	2.142	2.947	13.1	22.2
11 27	6 24.86	+20 8.4	2.075	2.964	9.9	22.0
12 7	6 16.56	+20 10.6	2.032	2.981	6.2	21.8
12 17	6 6.87	+20 14.2	2.018	2.997	2.3	21.6
12 27	5 56.79	+20 18.6	2.033	3.012	2.2	21.6
1 6	5 47.38	+20 23.5	2.079	3.027	6.0	21.9
1 16	5 39.53	+20 29.3	2.154	3.041	9.5	22.1
1 26	5 33.91	+20 36.4	2.253	3.055	12.5	22.3

512364 2016 NW_{49} 12 22.1 104°.63 3°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.71	+15 33.6	1.545	2.359	16.9	21.4
11 27	6 27.49	+15 22.7	1.485	2.376	12.9	21.2
12 7	6 18.46	+15 19.5	1.447	2.393	8.5	21.0
12 17	6 7.56	+15 24.1	1.435	2.410	4.2	20.8
12 27	5 56.16	+15 36.1	1.451	2.426	4.1	20.8
1 6	5 45.69	+15 54.6	1.495	2.441	8.1	21.1
1 16	5 37.35	+16 18.4	1.566	2.456	12.2	21.4
1 26	5 31.93	+16 46.5	1.659	2.471	15.8	21.6

75291 1999 XD_{28} 12 22.1 318°.43 0°.4/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.75	+21 25.2	1.493	2.326	16.4	19.0
11 27	6 23.72	+21 39.6	1.404	2.308	12.6	18.7
12 7	6 16.60	+21 58.3	1.336	2.290	8.0	18.4
12 17	6 7.09	+22 19.3	1.293	2.273	2.8	18.0
12 27	5 56.48	+22 40.5	1.276	2.256	2.7	18.0
1 6	5 46.37	+23 0.3	1.287	2.240	8.1	18.3
1 16	5 38.23	+23 18.4	1.322	2.225	13.1	18.5
1 26	5 33.20	+23 35.8	1.379	2.210	17.4	18.7

450120 2015 RE_{117} 12 22.1 43°.86 1°.9/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.10	+25 11.1	1.534	2.361	16.4	20.7
11 27	6 25.82	+26 1.9	1.479	2.379	12.3	20.5
12 7	6 17.57	+26 53.3	1.446	2.398	7.8	20.3
12 17	6 7.30	+27 40.6	1.438	2.417	3.1	20.0
12 27	5 56.42	+28 19.6	1.459	2.437	3.2	20.1
1 6	5 46.47	+28 48.5	1.507	2.457	7.6	20.4
1 16	5 38.73	+29 8.0	1.581	2.477	11.8	20.7
1 26	5 34.03	+29 20.4	1.678	2.498	15.3	21.0

485698 2011 YS_{18} 12 22.1 345°.46 2°.0/22.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.06	+29 26.2	1.538	2.368	16.2	20.9
11 27	6 24.53	+29 16.4	1.459	2.361	12.4	20.6
12 7	6 16.92	+28 59.9	1.402	2.354	8.0	20.4
12 17	6 7.13	+28 34.3	1.370	2.348	3.4	20.1
12 27	5 56.56	+27 58.8	1.365	2.343	3.2	20.0
1 6	5 46.83	+27 15.6	1.387	2.339	7.8	20.3
1 16	5 39.29	+26 28.6	1.435	2.336	12.4	20.6
1 26	5 34.87	+25 42.5	1.504	2.333	16.3	20.8

42718 1998 QU_{52} 12 22.1 56°.41 0°.0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.74	+24 44.5	2.034	2.849	13.4	18.5
11 27	6 23.33	+24 27.5	1.964	2.859	10.1	18.3
12 7	6 15.69	+24 8.5	1.918	2.869	6.3	18.1
12 17	6 6.60	+23 47.0	1.899	2.879	2.2	17.8
12 27	5 57.11	+23 23.0	1.909	2.889	2.1	17.9
1 6	5 48.32	+22 57.7	1.949	2.899	6.1	18.1
1 16	5 41.17	+22 33.0	2.017	2.910	9.8	18.4
1 26	5 36.34	+22 10.8	2.109	2.921	12.9	18.6

138503 2000 KC_{58} 12 22.1 284°.37 2°.2/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.30	+16 54.9	1.549	2.371	16.5	19.6
11 27	6 25.52	+17 8.1	1.458	2.355	12.7	19.3
12 7	6 17.68	+17 30.1	1.387	2.338	8.3	19.0
12 17	6 7.47	+18 0.0	1.343	2.320	3.6	18.7
12 27	5 56.14	+18 36.0	1.325	2.303	3.4	18.7
1 6	5 45.24	+19 15.8	1.336	2.286	8.3	18.9
1 16	5 36.22	+19 57.7	1.371	2.269	13.1	19.1
1 26	5 30.21	+20 40.5	1.429	2.252	17.3	19.4

164033 2003 UC_{251} 12 22.1 87°.14 0°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.01	+20 0.9	1.844	2.654	14.7	20.3
11 27	6 26.55	+20 13.9	1.789	2.681	11.1	20.1
12 7	6 17.69	+20 30.2	1.757	2.707	6.9	19.9
12 17	6 7.28	+20 48.0	1.753	2.733	2.5	19.7
12 27	5 56.52	+21 5.9	1.779	2.758	2.4	19.7
1 6	5 46.62	+21 22.9	1.834	2.783	6.5	20.0
1 16	5 38.58	+21 39.1	1.917	2.808	10.3	20.3
1 26	5 33.10	+21 54.9	2.024	2.832	13.5	20.6

229870 2009 UD_{12} 12 22.1 36°.42 4°.4/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.47	+13 5.4	1.984	2.792	13.9	20.1
11 27	6 21.58	+12 14.6	1.913	2.798	10.8	19.9
12 7	6 14.61	+11 30.0	1.866	2.804	7.6	19.7
12 17	6 6.25	+10 53.9	1.846	2.811	4.9	19.6
12 27	5 57.47	+10 28.5	1.854	2.818	4.9	19.6
1 6	5 49.30	+10 14.7	1.891	2.825	7.6	19.8
1 16	5 42.62	+10 12.5	1.954	2.832	10.8	20.0
1 26	5 38.10	+10 20.5	2.040	2.840	13.7	20.2

41422 2000 CB_5 12 22.1 61°85 1°3/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.64	+19 37.7	1.986	2.799	13.7	18.3
11 27	6 23.16	+19 35.3	1.928	2.821	10.3	18.1
12 7	6 15.54	+19 35.9	1.893	2.843	6.5	17.9
12 17	6 6.55	+19 38.9	1.886	2.865	2.5	17.7
12 27	5 57.22	+19 43.6	1.909	2.887	2.4	17.8
1 6	5 48.62	+19 49.8	1.960	2.909	6.2	18.1
1 16	5 41.65	+19 57.6	2.039	2.931	9.7	18.3
1 26	5 36.93	+20 7.2	2.143	2.953	12.8	18.6

228420 2001 ON_{80} 12 22.1 50°25 1°0/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.18	+20 0.4	1.262	2.098	18.7	19.8
11 27	6 26.88	+20 15.5	1.213	2.118	14.1	19.6
12 7	6 18.32	+20 35.9	1.184	2.138	8.8	19.3
12 17	6 7.57	+20 59.4	1.179	2.159	3.2	19.0
12 27	5 56.29	+21 23.4	1.201	2.181	3.0	19.1
1 6	5 46.19	+21 46.3	1.249	2.203	8.3	19.5
1 16	5 38.62	+22 7.9	1.322	2.225	13.1	19.8
1 26	5 34.41	+22 28.7	1.416	2.248	17.0	20.1

245094 2004 PT_{25} 12 22.1 77°76 1°1/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.58	+25 15.5	1.557	2.377	16.5	20.7
11 27	6 28.24	+25 34.0	1.503	2.400	12.4	20.5
12 7	6 18.96	+25 51.3	1.472	2.423	7.8	20.3
12 17	6 7.76	+26 4.3	1.466	2.446	2.8	20.1
12 27	5 56.11	+26 10.9	1.489	2.468	2.7	20.1
1 6	5 45.53	+26 11.1	1.540	2.491	7.4	20.5
1 16	5 37.26	+26 6.7	1.618	2.513	11.6	20.8
1 26	5 32.05	+26 0.4	1.718	2.534	15.2	21.0

438346 2006 RU_{66} 12 22.1 89°13 2°6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.91	+29 53.4	1.929	2.738	14.2	21.0
11 27	6 26.68	+30 19.2	1.866	2.756	10.8	20.8
12 7	6 17.89	+30 40.3	1.828	2.773	7.0	20.6
12 17	6 7.39	+30 53.3	1.816	2.791	3.4	20.5
12 27	5 56.43	+30 55.9	1.834	2.808	3.4	20.5
1 6	5 46.31	+30 48.4	1.881	2.825	6.8	20.7
1 16	5 38.12	+30 33.1	1.955	2.842	10.4	21.0
1 26	5 32.60	+30 13.5	2.053	2.859	13.4	21.2

352187 2007 RU_{207} 12 22.1 56°61 2°5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.30	+17 11.8	1.484	2.307	17.0	20.8
11 27	6 25.68	+17 5.4	1.435	2.332	12.9	20.6
12 7	6 17.31	+17 5.7	1.407	2.357	8.3	20.4
12 17	6 7.18	+17 12.2	1.405	2.382	3.7	20.2
12 27	5 56.67	+17 24.1	1.430	2.407	3.5	20.2
1 6	5 47.19	+17 40.4	1.483	2.432	7.8	20.5
1 16	5 39.87	+18 0.5	1.561	2.457	11.9	20.8
1 26	5 35.42	+18 23.5	1.662	2.482	15.4	21.1

390532 1998 QO_{102} 12 22.1 82°54 6°5/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.95	+40 47.4	1.919	2.700	15.3	21.2
11 27	6 32.88	+41 34.3	1.873	2.733	12.3	21.1
12 7	6 21.74	+42 7.2	1.850	2.766	9.2	21.0
12 17	6 8.68	+42 20.0	1.853	2.798	6.9	20.9
12 27	5 55.29	+42 9.8	1.884	2.830	6.7	20.9
1 6	5 43.19	+41 38.5	1.944	2.860	8.7	21.1
1 16	5 33.64	+40 51.6	2.031	2.891	11.3	21.3
1 26	5 27.35	+39 56.0	2.141	2.920	13.8	21.6

520403 2014 JX_{77} 12 22.1 192°39 3°8/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.44	+13 36.3	2.110	2.909	13.5	22.4
11 27	6 23.81	+13 5.2	2.027	2.908	10.5	22.2
12 7	6 16.03	+12 40.0	1.968	2.906	7.2	22.0
12 17	6 6.78	+12 22.2	1.936	2.904	4.3	21.8
12 27	5 56.99	+12 12.9	1.934	2.901	4.3	21.8
1 6	5 47.71	+12 12.4	1.962	2.898	7.2	22.0
1 16	5 39.88	+12 20.4	2.017	2.895	10.5	22.2
1 26	5 34.20	+12 36.2	2.096	2.891	13.5	22.4

395384 2011 SY_{53} 12 22.1 139°12 7°8/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.79	+44 11.4	2.124	2.893	14.4	22.1
11 27	6 32.43	+45 22.8	2.058	2.903	12.0	21.9
12 7	6 21.80	+46 21.0	2.015	2.913	9.6	21.8
12 17	6 8.83	+46 58.4	1.998	2.922	8.0	21.7
12 27	5 55.03	+47 10.2	2.008	2.931	8.0	21.7
1 6	5 42.13	+46 56.4	2.046	2.940	9.6	21.8
1 16	5 31.59	+46 21.2	2.110	2.948	11.9	22.0
1 26	5 24.36	+45 31.7	2.196	2.955	14.1	22.2

473629 2015 XC_{308} 12 22.1 350°35 8°2/21.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.42	+ 5 22.9	1.775	2.574	15.7	21.0
11 27	6 20.35	+ 3 59.3	1.701	2.569	12.9	20.8
12 7	6 14.01	+ 2 47.3	1.649	2.564	10.2	20.6
12 17	6 6.11	+ 1 52.3	1.622	2.560	8.4	20.5
12 27	5 57.64	+ 1 18.7	1.621	2.556	8.6	20.5
1 6	5 49.72	+ 1 7.9	1.646	2.553	10.6	20.6
1 16	5 43.33	+ 1 18.9	1.695	2.551	13.4	20.8
1 26	5 39.22	+ 1 48.2	1.765	2.550	16.1	20.9

523412 2017 DJ_{122} 12 22.1 199°04 5°9/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.42	+42 23.8	2.521	3.294	12.3	21.5
11 27	6 27.04	+43 1.5	2.440	3.292	10.1	21.4
12 7	6 18.16	+43 28.1	2.382	3.290	7.8	21.2
12 17	6 7.53	+43 38.8	2.351	3.288	6.2	21.1
12 27	5 56.30	+43 30.9	2.349	3.286	6.1	21.1
1 6	5 45.71	+43 4.7	2.375	3.284	7.7	21.2
1 16	5 36.88	+42 23.1	2.428	3.281	10.0	21.4
1 26	5 30.59	+41 31.2	2.506	3.278	12.2	21.5

267791 2003 SK_{204} 12 22.1 47°02 6°9/21.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.69	+ 6 50.2	1.940	2.734	14.7	19.0
11 27	6 21.64	+ 5 34.1	1.884	2.751	11.9	18.9
12 7	6 14.58	+ 4 29.3	1.851	2.769	9.1	18.8
12 17	6 6.25	+ 3 39.8	1.845	2.787	7.2	18.7
12 27	5 57.60	+ 3 8.5	1.865	2.805	7.3	18.7
1 6	5 49.64	+ 2 56.2	1.913	2.824	9.2	18.9
1 16	5 43.20	+ 3 1.6	1.987	2.843	11.7	19.1
1 26	5 38.89	+ 3 21.7	2.083	2.862	14.2	19.3

493581 2015 LS_8 12 22.1 131°32 2°7/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.18	+29 22.2	1.745	2.557	15.4	21.6
11 27	6 28.75	+29 49.4	1.676	2.567	11.7	21.4
12 7	6 19.38	+30 12.4	1.629	2.576	7.6	21.2
12 17	6 7.98	+30 26.9	1.610	2.585	3.6	20.9
12 27	5 55.92	+30 30.3	1.619	2.594	3.6	21.0
1 6	5 44.74	+30 22.4	1.657	2.602	7.5	21.2
1 16	5 35.70	+30 6.1	1.721	2.610	11.4	21.5
1 26	5 29.68	+29 45.2	1.809	2.617	14.9	21.7

78528 2002 RO_{98} 12 22.1 37°59 2°6/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.84	+15 52.3	2.061	2.873	13.3	19.1
11 27	6 21.11	+15 40.9	1.991	2.881	10.2	18.9
12 7	6 14.34	+15 35.1	1.945	2.890	6.7	18.8
12 17	6 6.20	+15 35.2	1.925	2.900	3.4	18.6
12 27	5 57.63	+15 41.3	1.935	2.909	3.3	18.6
1 6	5 49.63	+15 53.0	1.974	2.919	6.5	18.8
1 16	5 43.07	+16 9.6	2.040	2.929	9.9	19.0
1 26	5 38.61	+16 30.4	2.129	2.939	12.8	19.2

332835 2010 AJ_{65} 12 22.1 64°26 7°3/23.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.18	− 0 58.0	2.293	3.048	13.9	20.3
11 27	6 21.07	− 1 5.4	2.228	3.061	11.6	20.2
12 7	6 14.18	− 0 55.8	2.184	3.075	9.3	20.1
12 17	6 6.12	− 0 27.4	2.167	3.088	7.6	20.0
12 27	5 57.71	+ 0 20.0	2.177	3.102	7.4	20.0
1 6	5 49.79	+ 1 24.2	2.215	3.116	8.6	20.1
1 16	5 43.13	+ 2 41.5	2.281	3.129	10.7	20.2
1 26	5 38.32	+ 4 7.5	2.370	3.143	12.8	20.4

41421 2000 AZ_{240} 12 22.1 65°93 8°5/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.38	+ 3 0.3	1.615	2.399	17.6	18.4
11 27	6 25.29	+ 2 4.0	1.575	2.432	14.3	18.2
12 7	6 16.86	+ 1 26.2	1.557	2.465	11.2	18.1
12 17	6 7.01	+ 1 10.6	1.563	2.498	8.9	18.1
12 27	5 56.94	+ 1 18.6	1.595	2.530	8.7	18.1
1 6	5 47.85	+ 1 48.3	1.654	2.562	10.5	18.3
1 16	5 40.69	+ 2 35.7	1.737	2.594	13.1	18.5
1 26	5 36.07	+ 3 35.6	1.843	2.625	15.6	18.8

215235 2001 BA_{30} 12 22.1 297°66 1°9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.46	+28 24.2	1.678	2.498	15.5	20.0
11 27	6 26.16	+28 27.7	1.596	2.492	11.8	19.7
12 7	6 17.90	+28 26.7	1.536	2.487	7.6	19.5
12 17	6 7.52	+28 18.5	1.503	2.481	3.2	19.2
12 27	5 56.34	+28 1.3	1.497	2.475	3.1	19.2
1 6	5 45.91	+27 36.2	1.520	2.470	7.5	19.4
1 16	5 37.52	+27 5.9	1.568	2.464	11.9	19.7
1 26	5 32.13	+26 34.4	1.640	2.459	15.6	19.9

333339 2001 SM_{32} 12 22.1 88°26 4°5/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.10	+12 44.1	1.620	2.427	16.6	20.9
11 27	6 26.78	+12 18.2	1.568	2.452	12.8	20.7
12 7	6 17.90	+12 2.0	1.537	2.477	8.7	20.5
12 17	6 7.40	+11 56.5	1.533	2.501	5.2	20.3
12 27	5 56.55	+12 2.3	1.557	2.525	5.0	20.4
1 6	5 46.66	+12 18.5	1.609	2.548	8.2	20.6
1 16	5 38.77	+12 43.4	1.687	2.571	11.9	20.9
1 26	5 33.59	+13 15.2	1.788	2.593	15.1	21.2

458019 2009 WU_{143} 12 22.1 36°09 3°0/21.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.56	+30 15.9	1.976	2.790	13.7	21.2
11 27	6 24.33	+30 53.3	1.904	2.795	10.5	21.0
12 7	6 16.56	+31 26.9	1.855	2.801	7.0	20.8
12 17	6 7.01	+31 52.8	1.833	2.807	3.7	20.6
12 27	5 56.84	+32 8.1	1.840	2.813	3.7	20.6
1 6	5 47.33	+32 12.3	1.876	2.819	6.9	20.8
1 16	5 39.58	+32 6.9	1.938	2.826	10.4	21.1
1 26	5 34.40	+31 55.1	2.024	2.832	13.5	21.3

344072 1997 CY_1 12 22.1 142°.01 15°.0/25.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	7 12.40	+58 12.5	1.504	2.213	21.8	21.7
11 27	6 59.96	+59 37.8	1.453	2.231	19.4	21.5
12 7	6 40.15	+60 32.6	1.418	2.248	17.1	21.4
12 17	6 15.19	+60 38.5	1.404	2.263	15.5	21.4
12 27	5 49.43	+59 45.5	1.413	2.277	15.0	21.4
1 6	5 27.46	+57 58.9	1.445	2.289	16.0	21.5
1 16	5 11.99	+55 35.8	1.501	2.300	17.8	21.6
1 26	5 3.58	+52 56.3	1.576	2.309	19.9	21.8

187017 2004 VO_7 12 22.1 27°.15 0°.3/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.39	+21 41.6	2.319	3.134	11.9	19.2
11 27	6 19.88	+21 54.5	2.252	3.147	8.9	19.1
12 7	6 13.51	+22 9.2	2.209	3.160	5.6	18.9
12 17	6 5.91	+22 24.4	2.195	3.175	1.9	18.6
12 27	5 57.93	+22 39.0	2.210	3.189	1.8	18.7
1 6	5 50.48	+22 52.6	2.254	3.204	5.4	18.9
1 16	5 44.34	+23 5.0	2.327	3.220	8.6	19.2
1 26	5 40.11	+23 16.7	2.424	3.236	11.4	19.4

195994 2002 RL_{228} 12 22.1 104°.88 2°.1/22.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.64	+15 28.4	2.410	3.211	12.0	20.6
11 27	6 21.48	+15 38.0	2.333	3.218	9.1	20.4
12 7	6 14.49	+15 53.5	2.282	3.226	6.0	20.2
12 17	6 6.26	+16 14.3	2.258	3.233	2.9	20.0
12 27	5 57.60	+16 39.7	2.265	3.240	2.7	20.0
1 6	5 49.39	+17 8.6	2.302	3.247	5.7	20.2
1 16	5 42.41	+17 39.9	2.368	3.254	8.8	20.4
1 26	5 37.30	+18 12.7	2.459	3.261	11.6	20.6

90773 1993 UT_1 12 22.1 117°.43 0°.9/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.45	+25 35.6	1.840	2.650	14.7	20.9
11 27	6 27.86	+25 43.8	1.775	2.667	11.1	20.7
12 7	6 18.66	+25 50.2	1.733	2.683	7.0	20.5
12 17	6 7.72	+25 52.3	1.719	2.698	2.5	20.2
12 27	5 56.30	+25 48.9	1.734	2.713	2.4	20.2
1 6	5 45.75	+25 40.3	1.778	2.727	6.7	20.5
1 16	5 37.17	+25 28.4	1.850	2.741	10.7	20.8
1 26	5 31.31	+25 15.6	1.947	2.754	14.0	21.0

455480 2003 UL_{211} 12 22.1 51°.72 2°.6/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.28	+17 25.2	2.015	2.828	13.5	20.7
11 27	6 22.15	+16 52.9	1.951	2.842	10.3	20.5
12 7	6 14.96	+16 24.2	1.910	2.857	6.7	20.3
12 17	6 6.42	+16 0.0	1.896	2.871	3.3	20.1
12 27	5 57.54	+15 41.4	1.912	2.886	3.3	20.1
1 6	5 49.32	+15 29.1	1.957	2.901	6.6	20.4
1 16	5 42.64	+15 23.4	2.029	2.916	10.0	20.6
1 26	5 38.13	+15 24.0	2.124	2.932	13.0	20.8

212824 2007 UL_{25} 12 22.1 145°.82 2°.0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.36	+19 41.2	1.488	2.309	17.1	21.0
11 27	6 28.33	+19 22.5	1.418	2.315	13.1	20.7
12 7	6 19.22	+19 6.7	1.370	2.321	8.3	20.5
12 17	6 7.98	+18 53.8	1.347	2.326	3.4	20.2
12 27	5 56.04	+18 43.7	1.353	2.331	3.3	20.2
1 6	5 45.00	+18 37.0	1.386	2.335	8.2	20.5
1 16	5 36.20	+18 34.7	1.445	2.339	12.8	20.8
1 26	5 30.54	+18 37.5	1.526	2.343	16.7	21.1

10533 1991 PT_{12} 12 22.1 82°.92 0°.3/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.79	+23 46.9	1.940	2.755	13.9	18.1
11 27	6 24.32	+23 54.4	1.869	2.764	10.5	17.9
12 7	6 16.47	+24 1.9	1.821	2.773	6.5	17.7
12 17	6 6.99	+24 7.7	1.801	2.781	2.3	17.5
12 27	5 56.99	+24 10.6	1.810	2.790	2.2	17.5
1 6	5 47.68	+24 10.5	1.848	2.798	6.4	17.8
1 16	5 40.06	+24 8.4	1.913	2.807	10.2	18.0
1 26	5 34.90	+24 5.8	2.003	2.815	13.5	18.2

399090 2014 DU_{31} 12 22.1 236°.94 0°.8/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.97	+19 54.0	1.803	2.618	14.8	20.9
11 27	6 25.56	+20 11.7	1.717	2.611	11.3	20.7
12 7	6 17.48	+20 34.1	1.654	2.604	7.2	20.4
12 17	6 7.42	+20 59.5	1.618	2.597	2.6	20.1
12 27	5 56.53	+21 25.8	1.611	2.590	2.5	20.1
1 6	5 46.16	+21 51.5	1.633	2.583	7.1	20.3
1 16	5 37.52	+22 16.0	1.681	2.575	11.3	20.6
1 26	5 31.54	+22 39.7	1.754	2.567	15.0	20.8

181789 1998 DD_{23} 12 22.1 236°.70 1°.2/22.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.79	+26 44.5	2.065	2.877	13.3	20.7
11 27	6 24.36	+26 52.6	1.981	2.874	10.1	20.5
12 7	6 16.54	+26 58.4	1.921	2.871	6.4	20.3
12 17	6 7.05	+26 59.8	1.889	2.868	2.5	20.0
12 27	5 56.94	+26 55.4	1.886	2.865	2.4	20.0
1 6	5 47.40	+26 45.4	1.913	2.862	6.3	20.3
1 16	5 39.48	+26 31.3	1.967	2.858	10.1	20.5
1 26	5 33.97	+26 15.5	2.045	2.855	13.3	20.7

492869 2014 QN_{378} 12 22.1 124°.52 2°.3/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.61	+16 48.8	2.243	3.049	12.6	22.0
11 27	6 22.31	+16 31.5	2.167	3.055	9.6	21.8
12 7	6 15.06	+16 18.3	2.116	3.061	6.3	21.6
12 17	6 6.49	+16 9.6	2.092	3.066	3.1	21.4
12 27	5 57.49	+16 5.5	2.098	3.072	3.0	21.5
1 6	5 49.02	+16 6.3	2.133	3.077	6.2	21.7
1 16	5 41.92	+16 11.8	2.197	3.083	9.4	21.9
1 26	5 36.83	+16 21.9	2.285	3.088	12.3	22.1

79951 1999 CY_{93} 12 22.1 288°.67 0°.7/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.76	+20 27.5	1.873	2.691	14.2	19.5
11 27	6 23.84	+20 43.8	1.784	2.680	10.9	19.3
12 7	6 16.38	+21 4.1	1.719	2.670	6.9	19.0
12 17	6 7.05	+21 26.9	1.680	2.660	2.5	18.7
12 27	5 56.91	+21 50.3	1.670	2.650	2.3	18.7
1 6	5 47.24	+22 13.0	1.689	2.639	6.8	19.0
1 16	5 39.18	+22 34.7	1.734	2.629	11.0	19.2
1 26	5 33.63	+22 55.5	1.804	2.619	14.6	19.4

516544 2006 SW_{374} 12 22.1 190°.87 3°.0/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.83	+13 33.3	2.270	3.067	12.7	22.6
11 27	6 23.29	+13 31.7	2.185	3.066	9.9	22.4
12 7	6 15.73	+13 37.1	2.125	3.064	6.7	22.2
12 17	6 6.75	+13 50.0	2.092	3.062	3.7	22.0
12 27	5 57.24	+14 9.8	2.089	3.060	3.5	22.0
1 6	5 48.16	+14 35.8	2.116	3.057	6.4	22.1
1 16	5 40.39	+15 6.8	2.172	3.054	9.7	22.3
1 26	5 34.63	+15 41.5	2.252	3.050	12.6	22.5

154703 2004 JO_{19} 12 22.1 160°.50 0°.4/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.34	+22 8.0	1.941	2.749	14.2	21.7
11 27	6 27.00	+22 8.6	1.864	2.755	10.7	21.5
12 7	6 18.16	+22 10.0	1.811	2.761	6.7	21.3
12 17	6 7.61	+22 11.0	1.786	2.766	2.4	21.0
12 27	5 56.48	+22 10.6	1.791	2.770	2.2	21.0
1 6	5 46.03	+22 8.9	1.825	2.774	6.6	21.3
1 16	5 37.33	+22 6.6	1.888	2.777	10.5	21.6
1 26	5 31.19	+22 5.3	1.974	2.780	13.9	21.8

270193 2001 SK_{347} 12 22.1 148°.99 10°.6/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 49.47	+52 33.4	2.140	2.866	15.6	21.9
11 27	6 40.60	+54 9.0	2.079	2.878	13.6	21.8
12 7	6 27.41	+55 26.1	2.041	2.889	11.9	21.7
12 17	6 10.95	+56 14.5	2.026	2.899	10.8	21.6
12 27	5 53.28	+56 27.7	2.037	2.908	10.8	21.6
1 6	5 36.79	+56 5.5	2.074	2.916	11.8	21.7
1 16	5 23.50	+55 14.5	2.135	2.924	13.5	21.9
1 26	5 14.60	+54 4.3	2.216	2.930	15.3	22.0

382643 2002 RT_{126} 12 22.1 53°.80 2°.2/22.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.17	+25 48.8	1.166	2.003	19.8	20.7
11 27	6 30.20	+26 32.9	1.125	2.031	14.9	20.5
12 7	6 20.52	+27 16.1	1.105	2.059	9.4	20.3
12 17	6 8.42	+27 52.2	1.108	2.087	3.8	20.1
12 27	5 55.83	+28 17.1	1.137	2.115	3.7	20.2
1 6	5 44.75	+28 29.9	1.192	2.144	8.8	20.5
1 16	5 36.64	+28 33.3	1.272	2.173	13.6	20.9
1 26	5 32.33	+28 31.3	1.372	2.202	17.5	21.2

103360 2000 AS_{94} 12 22.1 241°.71 2°.7/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.25	+29 51.9	1.561	2.381	16.5	19.9
11 27	6 28.56	+30 3.5	1.482	2.377	12.7	19.7
12 7	6 19.57	+30 9.6	1.424	2.373	8.3	19.4
12 17	6 8.19	+30 5.9	1.392	2.369	3.9	19.1
12 27	5 55.93	+29 50.2	1.388	2.364	3.7	19.1
1 6	5 44.52	+29 23.1	1.411	2.360	8.1	19.4
1 16	5 35.42	+28 48.5	1.460	2.355	12.6	19.6
1 26	5 29.65	+28 11.3	1.531	2.350	16.6	19.9

368830 2006 CC_{36} 12 22.1 242°.05 6°.2/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.84	+43 38.2	2.523	3.290	12.4	20.7
11 27	6 28.23	+44 8.9	2.433	3.280	10.3	20.6
12 7	6 19.00	+44 27.6	2.366	3.269	8.1	20.4
12 17	6 7.93	+44 29.2	2.325	3.259	6.5	20.3
12 27	5 56.19	+44 10.9	2.313	3.248	6.4	20.3
1 6	5 45.10	+43 33.0	2.330	3.236	7.9	20.3
1 16	5 35.82	+42 39.0	2.373	3.225	10.2	20.5
1 26	5 29.19	+41 34.5	2.442	3.213	12.5	20.6

514731 2006 XR_{51} 12 22.1 25°.23 1°.5/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.93	+23 51.5	1.259	2.098	18.6	21.4
11 27	6 27.25	+24 38.6	1.195	2.101	14.1	21.1
12 7	6 18.96	+25 29.4	1.151	2.106	8.9	20.8
12 17	6 8.03	+26 18.5	1.130	2.110	3.3	20.5
12 27	5 56.09	+27 0.9	1.136	2.116	3.3	20.5
1 6	5 45.10	+27 33.5	1.168	2.121	8.8	20.9
1 16	5 36.68	+27 56.6	1.224	2.127	13.9	21.2
1 26	5 31.94	+28 12.8	1.301	2.134	18.1	21.5

484309 2007 TD_{93} 12 22.1 35°.15 10°.2/22.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.84	+ 4 14.2	1.289	2.101	19.7	20.2
11 27	6 23.28	+ 2 38.1	1.248	2.121	16.2	20.0
12 7	6 15.93	+ 1 21.8	1.227	2.143	12.8	19.9
12 17	6 6.82	+ 0 31.9	1.228	2.165	10.6	19.8
12 27	5 57.35	+ 0 12.5	1.253	2.189	10.5	19.9
1 6	5 48.94	+ 0 22.9	1.302	2.213	12.5	20.0
1 16	5 42.70	+ 0 58.7	1.373	2.237	15.4	20.3
1 26	5 39.32	+ 1 53.1	1.464	2.263	18.2	20.5

461869 2006 HA_{97} 12 22.1 132°.82 2°.8/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.27	+31 17.6	2.548	3.348	11.4	21.8
11 27	6 23.64	+31 53.9	2.470	3.353	8.8	21.6
12 7	6 15.96	+32 26.3	2.417	3.358	5.9	21.4
12 17	6 6.85	+32 51.5	2.393	3.363	3.3	21.3
12 27	5 57.23	+33 7.5	2.398	3.368	3.3	21.3
1 6	5 48.09	+33 13.6	2.434	3.373	5.9	21.4
1 16	5 40.33	+33 10.9	2.499	3.377	8.7	21.6
1 26	5 34.64	+33 2.0	2.588	3.382	11.3	21.8

438890 2009 SM_{359} 12 22.1 283°.62 4°.5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.99	+13 29.4	1.481	2.301	17.2	21.1
11 27	6 25.19	+13 5.9	1.402	2.294	13.5	20.8
12 7	6 17.42	+12 51.8	1.344	2.287	9.2	20.6
12 17	6 7.46	+12 48.8	1.310	2.281	5.4	20.3
12 27	5 56.63	+12 57.9	1.303	2.274	5.2	20.3
1 6	5 46.42	+13 18.5	1.323	2.267	9.1	20.5
1 16	5 38.20	+13 49.2	1.367	2.260	13.5	20.7
1 26	5 32.95	+14 27.6	1.434	2.253	17.4	21.0

493309 2014 UK_{189} 12 22.1 31°.81 9°.2/22.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.15	+46 10.3	1.831	2.611	16.0	20.6
11 27	6 29.41	+47 24.3	1.776	2.623	13.4	20.4
12 7	6 20.14	+48 21.8	1.742	2.637	11.0	20.3
12 17	6 8.38	+48 54.9	1.732	2.650	9.4	20.2
12 27	5 55.85	+48 58.8	1.747	2.665	9.4	20.3
1 6	5 44.43	+48 34.3	1.788	2.680	10.8	20.4
1 16	5 35.64	+47 46.6	1.852	2.695	13.0	20.6
1 26	5 30.44	+46 43.9	1.938	2.711	15.3	20.7

362342 2010 LM_{85} 12 22.1 60°.19 2°.3/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.94	+28 29.2	1.822	2.639	14.6	21.4
11 27	6 25.49	+28 55.0	1.752	2.647	11.1	21.2
12 7	6 17.37	+29 17.7	1.706	2.654	7.2	21.0
12 17	6 7.38	+29 33.7	1.685	2.662	3.3	20.8
12 27	5 56.79	+29 40.7	1.693	2.670	3.2	20.8
1 6	5 46.94	+29 38.5	1.730	2.678	7.0	21.0
1 16	5 39.01	+29 28.8	1.794	2.686	10.9	21.3
1 26	5 33.81	+29 14.8	1.881	2.694	14.2	21.5

474302 2001 XK_{229} 12 22.1 43°.22 1°.6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.16	+25 34.6	1.180	2.021	19.4	20.9
11 27	6 27.93	+26 1.1	1.136	2.044	14.6	20.6
12 7	6 19.13	+26 26.6	1.112	2.067	9.1	20.4
12 17	6 7.99	+26 46.6	1.112	2.092	3.5	20.2
12 27	5 56.34	+26 58.1	1.137	2.117	3.3	20.2
1 6	5 46.07	+27 1.1	1.189	2.142	8.6	20.6
1 16	5 38.62	+26 57.8	1.264	2.168	13.4	21.0
1 26	5 34.80	+26 51.6	1.360	2.195	17.4	21.3

80570 2000 AJ_{115} 12 22.1 252°.56 4°.1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.08	+13 18.9	1.750	2.557	15.5	19.5
11 27	6 25.74	+13 3.4	1.656	2.541	12.2	19.3
12 7	6 17.69	+12 56.3	1.584	2.525	8.4	19.0
12 17	6 7.58	+12 59.1	1.538	2.509	4.8	18.7
12 27	5 56.55	+13 12.1	1.521	2.491	4.7	18.7
1 6	5 45.93	+13 34.8	1.532	2.474	8.3	18.9
1 16	5 36.96	+14 6.0	1.570	2.456	12.5	19.1
1 26	5 30.65	+14 43.9	1.630	2.437	16.2	19.3

123416 2000 WF_{100} 12 22.1 63°.88 0°.4/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.10	+24 32.7	1.550	2.375	16.3	19.1
11 27	6 26.53	+24 31.9	1.488	2.388	12.3	18.9
12 7	6 18.05	+24 30.0	1.448	2.401	7.7	18.7
12 17	6 7.62	+24 25.3	1.434	2.414	2.7	18.4
12 27	5 56.64	+24 16.6	1.448	2.428	2.5	18.4
1 6	5 46.63	+24 4.7	1.489	2.441	7.4	18.7
1 16	5 38.80	+23 51.5	1.556	2.455	11.8	19.0
1 26	5 33.96	+23 39.3	1.646	2.468	15.5	19.3

219987 2002 NE_{44} 12 22.1 84°.96 2°.4/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.39	+32 33.9	2.399	3.195	12.2	20.5
11 27	6 25.76	+32 25.4	2.336	3.217	9.3	20.3
12 7	6 17.11	+32 9.8	2.298	3.239	6.1	20.1
12 17	6 7.20	+31 45.3	2.289	3.261	3.1	20.0
12 27	5 57.06	+31 11.7	2.310	3.283	2.9	20.0
1 6	5 47.73	+30 30.6	2.362	3.305	5.7	20.2
1 16	5 40.03	+29 45.1	2.442	3.326	8.7	20.4
1 26	5 34.56	+28 58.6	2.549	3.347	11.3	20.7

9938 Kretlow 12 22.1 124°.63 0°.2/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.28	+22 43.8	1.553	2.368	16.8	18.1
11 27	6 30.45	+23 4.0	1.490	2.384	12.7	17.9
12 7	6 20.53	+23 26.0	1.449	2.400	7.9	17.7
12 17	6 8.49	+23 46.5	1.435	2.415	2.7	17.4
12 27	5 55.83	+24 3.1	1.449	2.429	2.6	17.4
1 6	5 44.14	+24 14.9	1.492	2.442	7.6	17.8
1 16	5 34.78	+24 22.9	1.562	2.455	12.1	18.0
1 26	5 28.60	+24 29.0	1.655	2.467	15.8	18.3

220176 2002 TY_{376} 12 22.1 359°.59 5°.5/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.66	+32 13.7	1.273	2.107	18.6	19.9
11 27	6 28.18	+33 15.4	1.206	2.106	14.6	19.6
12 7	6 19.77	+34 12.0	1.158	2.105	10.0	19.4
12 17	6 8.39	+34 55.4	1.134	2.104	6.1	19.2
12 27	5 55.84	+35 18.8	1.136	2.105	6.2	19.2
1 6	5 44.27	+35 20.8	1.162	2.105	10.2	19.4
1 16	5 35.52	+35 4.9	1.212	2.107	14.7	19.7
1 26	5 30.78	+34 37.9	1.282	2.109	18.7	19.9

469450 2002 PR_{2} 12 22.1 87°.18 0°.8/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.43	+24 40.1	1.439	2.263	17.4	20.8
11 27	6 29.14	+23 50.6	1.374	2.273	13.2	20.5
12 7	6 19.70	+22 56.7	1.330	2.283	8.3	20.3
12 17	6 8.18	+21 59.0	1.312	2.292	2.9	20.0
12 27	5 56.16	+20 59.7	1.322	2.302	2.9	20.0
1 6	5 45.26	+20 2.7	1.360	2.311	8.1	20.4
1 16	5 36.81	+19 12.2	1.424	2.320	12.8	20.7
1 26	5 31.61	+18 31.1	1.510	2.330	16.7	20.9

274587 2008 TC_{8} 12 22.1 17°.51 6°.6/21.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.24	+40 15.4	2.106	2.897	13.8	20.0
11 27	6 26.70	+41 25.2	2.034	2.899	11.2	19.8
12 7	6 18.29	+42 25.3	1.985	2.902	8.7	19.7
12 17	6 7.77	+43 9.3	1.963	2.904	6.9	19.6
12 27	5 56.43	+43 32.7	1.968	2.907	7.0	19.6
1 6	5 45.74	+43 34.5	2.000	2.911	8.8	19.7
1 16	5 36.99	+43 17.6	2.058	2.914	11.4	19.9
1 26	5 31.14	+42 47.1	2.139	2.918	13.8	20.1

53229 1999 CL_{100} 12 22.1 339°.86 5°.9/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.01	+10 2.3	1.472	2.295	17.2	18.6
11 27	6 21.44	+ 9 39.4	1.392	2.283	13.7	18.3
12 7	6 15.10	+ 9 29.7	1.333	2.272	9.8	18.0
12 17	6 6.70	+ 9 36.2	1.297	2.262	6.6	17.8
12 27	5 57.44	+10 0.0	1.288	2.253	6.4	17.8
1 6	5 48.72	+10 39.7	1.303	2.244	9.6	18.0
1 16	5 41.82	+11 32.5	1.343	2.237	13.6	18.2
1 26	5 37.72	+12 34.4	1.405	2.231	17.4	18.4

156887 2003 EO_{13} 12 22.1 337°.25 4°.3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.71	+32 17.8	1.397	2.225	17.6	20.1
11 27	6 27.85	+32 45.1	1.323	2.220	13.7	19.8
12 7	6 19.37	+33 5.0	1.269	2.216	9.3	19.6
12 17	6 8.21	+33 11.9	1.239	2.212	5.2	19.3
12 27	5 56.05	+33 1.9	1.236	2.208	5.1	19.3
1 6	5 44.82	+32 35.5	1.258	2.205	9.1	19.5
1 16	5 36.19	+31 57.2	1.305	2.202	13.7	19.8
1 26	5 31.21	+31 13.2	1.373	2.200	17.7	20.0

110583 2001 TY_{119} 12 22.1 45°.90 3°.0/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.82	+32 35.3	1.751	2.564	15.3	19.6
11 27	6 26.94	+32 25.6	1.682	2.572	11.7	19.4
12 7	6 18.23	+32 6.8	1.636	2.581	7.8	19.2
12 17	6 7.67	+31 36.3	1.616	2.590	3.9	19.0
12 27	5 56.64	+30 53.6	1.624	2.599	3.6	19.0
1 6	5 46.59	+30 1.3	1.662	2.609	7.3	19.2
1 16	5 38.69	+29 3.9	1.725	2.618	11.1	19.5
1 26	5 33.71	+28 6.5	1.813	2.628	14.5	19.7

517312 2014 HL_{202} 12 22.1 22°.74 7°.7/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.46	+ 5 38.6	1.618	2.419	16.9	21.0
11 27	6 22.84	+ 4 50.1	1.550	2.421	13.8	20.8
12 7	6 15.72	+ 4 16.5	1.503	2.424	10.5	20.6
12 17	6 6.84	+ 4 2.0	1.480	2.427	8.1	20.4
12 27	5 57.37	+ 4 8.8	1.483	2.430	8.0	20.4
1 6	5 48.55	+ 4 36.3	1.512	2.433	10.3	20.6
1 16	5 41.48	+ 5 21.6	1.566	2.437	13.4	20.8
1 26	5 36.96	+ 6 20.0	1.641	2.441	16.5	21.0

270033 2001 KN_{30} 12 22.1 155°.12 1°.9/22.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.37	+17 2.9	2.921	3.716	10.2	21.3
11 27	6 20.98	+16 44.7	2.841	3.723	7.8	21.2
12 7	6 14.09	+16 29.1	2.787	3.730	5.1	21.0
12 17	6 6.20	+16 16.7	2.761	3.736	2.5	20.8
12 27	5 57.99	+16 7.7	2.767	3.741	2.5	20.8
1 6	5 50.19	+16 2.3	2.804	3.746	5.0	21.0
1 16	5 43.43	+16 0.8	2.871	3.751	7.7	21.2
1 26	5 38.22	+16 3.2	2.963	3.755	10.1	21.4

97062 1999 VZ_5 12 22.1 19°.34 1°.2/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.90	+23 59.9	1.927	2.745	13.9	18.0
11 27	6 23.88	+24 46.0	1.851	2.747	10.5	17.8
12 7	6 16.38	+25 34.3	1.799	2.750	6.6	17.6
12 17	6 7.10	+26 21.3	1.774	2.753	2.5	17.3
12 27	5 57.12	+27 3.6	1.778	2.757	2.5	17.3
1 6	5 47.67	+27 39.2	1.812	2.761	6.6	17.6
1 16	5 39.88	+28 7.6	1.872	2.765	10.4	17.8
1 26	5 34.59	+28 30.0	1.957	2.769	13.7	18.1

418471 2008 RY_{85} 12 22.1 73°.57 3°.3/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.66	+33 56.4	2.259	3.060	12.7	21.5
11 27	6 24.85	+34 7.0	2.186	3.068	9.8	21.4
12 7	6 16.76	+34 10.2	2.137	3.076	6.7	21.2
12 17	6 7.16	+34 3.0	2.116	3.084	3.9	21.0
12 27	5 57.13	+33 44.1	2.124	3.093	3.8	21.0
1 6	5 47.80	+33 14.5	2.161	3.101	6.4	21.2
1 16	5 40.14	+32 37.0	2.227	3.110	9.5	21.4
1 26	5 34.85	+31 55.5	2.317	3.118	12.2	21.6

483330 2016 PT_{75} 12 22.1 133°.19 0°.5/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.97	+22 18.1	1.768	2.579	15.2	21.2
11 27	6 28.36	+22 13.3	1.700	2.592	11.5	21.0
12 7	6 19.07	+22 9.1	1.655	2.605	7.2	20.8
12 17	6 7.98	+22 4.2	1.638	2.617	2.5	20.5
12 27	5 56.38	+21 57.9	1.649	2.629	2.4	20.6
1 6	5 45.62	+21 50.5	1.690	2.640	7.0	20.9
1 16	5 36.85	+21 43.3	1.759	2.650	11.1	21.1
1 26	5 30.85	+21 38.0	1.851	2.659	14.6	21.4

407579 2011 AU_{32} 12 22.1 45°.60 0°.6/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.11	+20 14.1	2.039	2.852	13.4	20.9
11 27	6 23.04	+20 36.0	1.962	2.856	10.1	20.7
12 7	6 15.73	+21 1.8	1.910	2.861	6.4	20.5
12 17	6 6.85	+21 29.7	1.885	2.865	2.3	20.2
12 27	5 57.39	+21 57.8	1.890	2.869	2.1	20.2
1 6	5 48.47	+22 24.9	1.924	2.874	6.2	20.5
1 16	5 41.06	+22 50.3	1.985	2.879	9.9	20.7
1 26	5 35.91	+23 14.2	2.071	2.883	13.1	20.9

129191 2005 MG_{15} 12 22.1 186°.37 3°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.50	+15 12.7	1.859	2.663	14.9	21.2
11 27	6 26.50	+15 6.1	1.778	2.663	11.5	21.0
12 7	6 17.97	+15 6.3	1.719	2.663	7.6	20.7
12 17	6 7.65	+15 13.7	1.688	2.662	3.9	20.5
12 27	5 56.64	+15 27.8	1.686	2.660	3.7	20.5
1 6	5 46.20	+15 47.8	1.713	2.657	7.4	20.7
1 16	5 37.46	+16 12.7	1.768	2.654	11.3	21.0
1 26	5 31.25	+16 41.8	1.846	2.650	14.8	21.2

153775 2001 VY_{38} 12 22.1 78°.18 0°.6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.35	+24 29.1	1.533	2.353	16.7	20.3
11 27	6 28.85	+24 37.2	1.481	2.378	12.6	20.1
12 7	6 19.40	+24 44.5	1.452	2.403	7.8	19.9
12 17	6 8.08	+24 48.5	1.448	2.428	2.7	19.6
12 27	5 56.35	+24 47.6	1.473	2.453	2.6	19.7
1 6	5 45.75	+24 42.3	1.526	2.477	7.4	20.0
1 16	5 37.48	+24 34.5	1.605	2.501	11.7	20.3
1 26	5 32.28	+24 26.5	1.707	2.524	15.2	20.6

517170 2013 PW_7 12 22.1 147°.80 3°.5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.14	+10 43.2	2.991	3.772	10.4	22.7
11 27	6 20.73	+10 17.4	2.915	3.783	8.1	22.6
12 7	6 13.90	+ 9 57.7	2.865	3.793	5.8	22.4
12 17	6 6.14	+ 9 45.0	2.843	3.802	3.9	22.3
12 27	5 58.09	+ 9 40.2	2.852	3.811	3.8	22.3
1 6	5 50.43	+ 9 43.2	2.892	3.819	5.7	22.5
1 16	5 43.76	+ 9 53.6	2.961	3.827	7.9	22.6
1 26	5 38.57	+10 10.4	3.056	3.834	10.1	22.8

231730 1999 FL_{12} 12 22.1 242°.70 0°.5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.67	+22 12.6	1.830	2.644	14.6	21.5
11 27	6 26.13	+22 12.3	1.740	2.634	11.2	21.3
12 7	6 17.89	+22 13.2	1.672	2.623	7.1	21.0
12 17	6 7.66	+22 13.8	1.632	2.612	2.5	20.7
12 27	5 56.62	+22 13.2	1.621	2.600	2.4	20.7
1 6	5 46.09	+22 11.3	1.639	2.589	7.0	21.0
1 16	5 37.32	+22 9.0	1.683	2.576	11.4	21.2
1 26	5 31.21	+22 7.7	1.751	2.564	15.1	21.4

121604 1999 VF_{137} 12 22.2 122°.43 0°.6/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.28	+21 33.9	2.296	3.104	12.3	20.6
11 27	6 22.87	+21 30.2	2.220	3.111	9.3	20.4
12 7	6 15.47	+21 27.6	2.168	3.117	5.8	20.2
12 17	6 6.73	+21 25.3	2.144	3.124	2.1	20.0
12 27	5 57.56	+21 22.9	2.150	3.130	2.0	20.0
1 6	5 48.92	+21 20.4	2.187	3.136	5.6	20.2
1 16	5 41.67	+21 18.6	2.252	3.142	9.0	20.5
1 26	5 36.46	+21 18.0	2.341	3.147	12.0	20.7

329510 2002 RH_{184} 12 22.2 91°.51 4°.1/22.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.10	+10 20.0	2.577	3.363	11.7	21.9
11 27	6 21.55	+ 9 44.1	2.517	3.387	9.2	21.8
12 7	6 14.43	+ 9 15.6	2.483	3.410	6.5	21.6
12 17	6 6.33	+ 8 55.8	2.476	3.434	4.5	21.5
12 27	5 58.00	+ 8 45.7	2.500	3.457	4.4	21.6
1 6	5 50.21	+ 8 45.4	2.554	3.479	6.4	21.7
1 16	5 43.62	+ 8 54.1	2.635	3.502	8.8	21.9
1 26	5 38.72	+ 9 10.7	2.742	3.524	11.1	22.1

96313 1997 AL_3 12 22.2 219°.53 2°.1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.69	+16 3.2	2.213	3.012	13.0	20.0
11 27	6 24.91	+16 14.7	2.119	3.003	10.0	19.8
12 7	6 16.91	+16 32.6	2.049	2.993	6.5	19.5
12 17	6 7.31	+16 56.1	2.008	2.983	3.0	19.3
12 27	5 57.01	+17 24.2	1.996	2.972	2.8	19.3
1 6	5 47.07	+17 55.5	2.016	2.961	6.3	19.5
1 16	5 38.49	+18 28.9	2.064	2.949	10.0	19.7
1 26	5 32.05	+19 3.7	2.137	2.937	13.2	19.9

288089 2003 WP_6 12 22.2 99°.54 1°.9/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.13	+20 22.5	1.507	2.324	17.1	20.6
11 27	6 29.39	+19 51.7	1.450	2.345	12.9	20.4
12 7	6 19.74	+19 22.6	1.415	2.365	8.2	20.2
12 17	6 8.22	+18 55.5	1.406	2.385	3.3	20.0
12 27	5 56.29	+18 31.4	1.426	2.404	3.3	20.0
1 6	5 45.47	+18 11.6	1.474	2.423	7.9	20.3
1 16	5 36.97	+17 57.5	1.549	2.441	12.2	20.6
1 26	5 31.52	+17 50.0	1.645	2.459	15.9	20.9

12785 1995 ST 12 22.2 213°.51 4°.5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.47	+33 53.2	1.655	2.464	16.2	18.3
11 27	6 30.28	+34 22.9	1.575	2.460	12.7	18.1
12 7	6 20.72	+34 44.4	1.516	2.457	8.7	17.9
12 17	6 8.69	+34 52.1	1.484	2.452	5.3	17.6
12 27	5 55.73	+34 42.2	1.479	2.448	5.1	17.6
1 6	5 43.63	+34 15.0	1.502	2.443	8.6	17.8
1 16	5 33.90	+33 34.8	1.552	2.438	12.6	18.0
1 26	5 27.58	+32 48.0	1.623	2.432	16.2	18.3

20085 1994 LC 12 22.2 221°.80 3°.1/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.13	+13 42.7	2.130	2.927	13.4	18.8
11 27	6 24.52	+13 41.9	2.038	2.919	10.4	18.5
12 7	6 16.68	+13 48.6	1.970	2.910	7.0	18.3
12 17	6 7.23	+14 3.3	1.929	2.900	3.9	18.1
12 27	5 57.09	+14 25.4	1.918	2.890	3.7	18.1
1 6	5 47.35	+14 53.9	1.937	2.879	6.9	18.2
1 16	5 38.98	+15 27.7	1.985	2.868	10.4	18.4
1 26	5 32.80	+16 5.3	2.056	2.856	13.6	18.6

492148 2013 OK_6 12 22.2 158°.13 4°.5/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.68	+ 9 22.7	2.464	3.253	12.1	21.5
11 27	6 20.75	+ 8 53.8	2.385	3.255	9.6	21.4
12 7	6 14.10	+ 8 33.0	2.330	3.257	7.0	21.2
12 17	6 6.28	+ 8 22.0	2.303	3.259	4.9	21.1
12 27	5 58.06	+ 8 21.8	2.304	3.260	4.8	21.1
1 6	5 50.25	+ 8 32.2	2.335	3.262	6.8	21.2
1 16	5 43.60	+ 8 52.4	2.394	3.263	9.4	21.4
1 26	5 38.69	+ 9 20.7	2.477	3.265	11.9	21.6

176639 2002 NG_1 12 22.2 163°.43 3°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.23	+15 11.1	1.822	2.626	15.1	20.9
11 27	6 27.02	+14 55.3	1.746	2.631	11.7	20.7
12 7	6 18.27	+14 45.9	1.694	2.637	7.8	20.5
12 17	6 7.77	+14 43.6	1.668	2.641	4.1	20.3
12 27	5 56.67	+14 48.4	1.672	2.645	3.9	20.3
1 6	5 46.23	+15 0.0	1.705	2.648	7.5	20.5
1 16	5 37.57	+15 17.7	1.765	2.650	11.4	20.8
1 26	5 31.47	+15 40.7	1.849	2.652	14.8	21.0

373892 2003 SJ_{329} 12 22.2 34°.30 1°.1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.02	+25 46.6	1.011	1.864	21.0	20.7
11 27	6 27.62	+25 47.8	0.965	1.879	15.9	20.5
12 7	6 19.22	+25 46.7	0.937	1.895	10.0	20.2
12 17	6 8.14	+25 40.3	0.931	1.912	3.6	19.9
12 27	5 56.43	+25 27.1	0.949	1.930	3.3	19.9
1 6	5 46.23	+25 8.7	0.992	1.949	9.4	20.4
1 16	5 39.13	+24 48.4	1.057	1.968	14.7	20.7
1 26	5 36.01	+24 29.9	1.141	1.989	19.1	21.1

171096 2005 EX_{224} 12 22.2 38°.15 5°.7/23.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.96	+ 5 21.6	1.707	2.496	16.6	19.7
11 27	6 25.50	+ 5 53.4	1.631	2.499	13.3	19.5
12 7	6 17.45	+ 6 44.8	1.577	2.502	9.7	19.3
12 17	6 7.53	+ 7 56.0	1.548	2.506	6.5	19.1
12 27	5 56.87	+ 9 24.5	1.548	2.510	5.9	19.1
1 6	5 46.78	+11 5.5	1.577	2.514	8.6	19.3
1 16	5 38.40	+12 52.7	1.633	2.518	12.2	19.5
1 26	5 32.62	+14 40.7	1.714	2.522	15.5	19.7

330560 2008 BO_{45} 12 22.2 319.°92 0.°0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.45	+20 42.9	1.347	2.178	18.0	20.3
11 27	6 27.56	+21 22.7	1.272	2.175	13.7	20.0
12 7	6 19.22	+22 9.7	1.218	2.172	8.7	19.7
12 17	6 8.25	+23 0.3	1.189	2.169	3.0	19.4
12 27	5 56.18	+23 49.7	1.186	2.167	2.8	19.3
1 6	5 44.82	+24 34.5	1.211	2.164	8.5	19.7
1 16	5 35.80	+25 13.3	1.260	2.162	13.7	20.0
1 26	5 30.27	+25 46.9	1.330	2.160	18.0	20.2

397557 2007 TG_{388} 12 22.2 98.°72 1.°7/22.2 18

11 17	6 30.08	+18 59.2	1.754	2.572	15.1	21.6
11 27	6 24.82	+18 54.7	1.679	2.574	11.5	21.4
12 7	6 16.99	+18 54.3	1.627	2.577	7.3	21.1
12 17	6 7.36	+18 57.4	1.601	2.579	3.0	20.9
12 27	5 57.09	+19 3.4	1.604	2.582	2.8	20.9
1 6	5 47.48	+19 12.0	1.635	2.585	7.1	21.2
1 16	5 39.66	+19 23.0	1.693	2.587	11.2	21.4
1 26	5 34.44	+19 36.7	1.774	2.590	14.8	21.6

72481 2001 DN_{39} 12 22.2 32.°12 3.°4/22.3 18

11 17	6 29.01	+15 41.2	1.545	2.368	16.5	19.2
11 27	6 24.23	+15 23.8	1.476	2.372	12.7	19.0
12 7	6 16.70	+15 13.8	1.430	2.377	8.4	18.7
12 17	6 7.27	+15 11.9	1.408	2.382	4.3	18.5
12 27	5 57.19	+15 18.4	1.413	2.388	4.2	18.5
1 6	5 47.87	+15 32.6	1.446	2.393	8.1	18.8
1 16	5 40.48	+15 53.7	1.504	2.400	12.3	19.0
1 26	5 35.88	+16 20.3	1.584	2.406	16.0	19.3

394503 2007 TD_{220} 12 22.2 324.°71 11.°8/22.0 18

11 17	6 26.38	− 2 44.9	1.616	2.388	18.1	21.0
11 27	6 22.16	− 4 7.8	1.544	2.381	15.7	20.8
12 7	6 15.41	− 5 10.5	1.492	2.373	13.4	20.6
12 17	6 6.84	− 5 45.8	1.461	2.366	12.0	20.5
12 27	5 57.56	− 5 48.9	1.455	2.359	12.0	20.5
1 6	5 48.81	− 5 19.4	1.472	2.353	13.5	20.6
1 16	5 41.73	− 4 20.8	1.511	2.347	15.8	20.7
1 26	5 37.20	− 2 59.9	1.570	2.342	18.3	20.9

67592 2000 SD_{138} 12 22.2 18.°01 3.°7/22.4 18 R

11 17	6 33.01	+30 59.4	1.118	1.961	20.1	19.2
11 27	6 28.55	+31 11.1	1.057	1.964	15.5	18.9
12 7	6 19.98	+31 14.4	1.015	1.968	10.2	18.7
12 17	6 8.49	+31 4.0	0.996	1.972	5.0	18.4
12 27	5 56.09	+30 37.4	1.001	1.978	4.7	18.4
1 6	5 45.02	+29 56.8	1.031	1.984	9.7	18.7
1 16	5 37.03	+29 8.2	1.084	1.991	14.9	19.0
1 26	5 33.15	+28 18.7	1.156	1.999	19.3	19.3

158819 2003 UZ_{136} 12 22.2 128.°23 0.°1/22.2 18

11 17	6 28.22	+23 17.2	2.525	3.329	11.4	20.7
11 27	6 22.70	+23 25.1	2.449	3.338	8.6	20.6
12 7	6 15.33	+23 33.1	2.398	3.347	5.3	20.4
12 17	6 6.72	+23 40.0	2.376	3.356	1.9	20.1
12 27	5 57.72	+23 45.1	2.384	3.364	1.7	20.1
1 6	5 49.20	+23 47.9	2.423	3.372	5.2	20.4
1 16	5 41.96	+23 49.2	2.491	3.380	8.3	20.6
1 26	5 36.62	+23 49.7	2.585	3.388	11.1	20.8

128211 2003 SG_{70} 12 22.2 344.°28 6.°2/21.9 18

11 17	6 31.10	+38 28.6	1.936	2.737	14.5	18.8
11 27	6 26.02	+39 21.8	1.857	2.732	11.6	18.6
12 7	6 17.98	+40 5.5	1.801	2.727	8.7	18.5
12 17	6 7.77	+40 34.0	1.771	2.723	6.5	18.3
12 27	5 56.70	+40 42.7	1.768	2.719	6.5	18.3
1 6	5 46.31	+40 31.3	1.792	2.716	8.8	18.4
1 16	5 37.94	+40 2.7	1.842	2.713	11.7	18.6
1 26	5 32.55	+39 22.6	1.915	2.711	14.6	18.8

415560 2014 QK_{224} 12 22.2 293.°03 1.°7/22.1 17

11 17	6 28.27	+19 28.1	2.019	2.832	13.5	21.8
11 27	6 23.18	+19 10.1	1.937	2.830	10.3	21.6
12 7	6 15.85	+18 54.3	1.879	2.828	6.6	21.3
12 17	6 6.96	+18 40.8	1.849	2.826	2.8	21.1
12 27	5 57.52	+18 30.0	1.847	2.825	2.7	21.1
1 6	5 48.62	+18 22.3	1.875	2.823	6.5	21.3
1 16	5 41.25	+18 18.3	1.930	2.821	10.2	21.5
1 26	5 36.14	+18 18.5	2.009	2.820	13.5	21.7

4302 Markeev 12 22.2 199.°75 2.°8/22.3 18

11 17	6 30.87	+15 45.0	1.970	2.775	14.1	17.2
11 27	6 25.20	+15 36.0	1.886	2.772	10.9	17.0
12 7	6 17.16	+15 32.8	1.825	2.769	7.2	16.7
12 17	6 7.44	+15 35.8	1.791	2.765	3.6	16.5
12 27	5 57.06	+15 44.9	1.787	2.761	3.5	16.5
1 6	5 47.20	+15 59.4	1.812	2.757	7.0	16.7
1 16	5 38.90	+16 18.9	1.865	2.752	10.8	16.9
1 26	5 32.96	+16 42.6	1.942	2.746	14.1	17.1

338966 2004 FU_{42} 12 22.2 229.°48 3.°8/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.84	+13 27.2	1.862	2.664	14.9	21.2
11 27	6 26.15	+13 11.8	1.770	2.653	11.7	21.0
12 7	6 17.90	+13 4.3	1.701	2.641	8.0	20.7
12 17	6 7.74	+13 5.7	1.659	2.629	4.6	20.5
12 27	5 56.77	+13 16.4	1.646	2.616	4.4	20.5
1 6	5 46.23	+13 35.8	1.661	2.602	7.9	20.6
1 16	5 37.30	+14 3.0	1.704	2.588	11.8	20.8
1 26	5 30.87	+14 36.6	1.770	2.573	15.4	21.0

26008 2001 FE_{127} 12 22.2 110.°20 2.°8/22.1 18

11 17	6 37.81	+29 19.2	1.705	2.513	15.8	18.9
11 27	6 30.75	+29 53.7	1.645	2.534	12.0	18.7
12 7	6 20.71	+30 23.8	1.608	2.554	7.8	18.5
12 17	6 8.65	+30 44.9	1.598	2.573	3.8	18.3
12 27	5 56.04	+30 53.8	1.618	2.592	3.7	18.4
1 6	5 44.45	+30 50.6	1.666	2.610	7.5	18.6
1 16	5 35.15	+30 38.0	1.741	2.628	11.4	18.9
1 26	5 28.95	+30 20.4	1.839	2.644	14.8	19.2

228489 2001 SW_{210} 12 22.2 48.°09 0.°5/22.2 18

11 17	6 32.88	+21 1.2	1.223	2.060	19.1	20.0
11 27	6 27.58	+21 18.6	1.177	2.083	14.4	19.8
12 7	6 18.92	+21 40.3	1.151	2.106	9.0	19.5
12 17	6 8.04	+22 3.5	1.149	2.129	3.1	19.3
12 27	5 56.65	+22 25.5	1.173	2.153	2.9	19.3
1 6	5 46.52	+22 45.0	1.223	2.178	8.3	19.7
1 16	5 39.00	+23 2.2	1.298	2.202	13.1	20.0
1 26	5 34.92	+23 18.1	1.394	2.227	17.1	20.4

233611 2007 TH_{89} 12 22.2 140.°52 0.°1/22.2 18

11 17	6 31.66	+22 38.8	1.993	2.803	13.8	20.6
11 27	6 25.79	+22 57.7	1.918	2.810	10.4	20.4
12 7	6 17.51	+23 18.2	1.867	2.817	6.5	20.2
12 17	6 7.56	+23 38.2	1.844	2.824	2.3	19.9
12 27	5 57.03	+23 55.6	1.850	2.830	2.1	19.9
1 6	5 47.10	+24 9.7	1.886	2.836	6.3	20.2
1 16	5 38.85	+24 20.9	1.950	2.841	10.2	20.5
1 26	5 33.04	+24 30.2	2.038	2.846	13.4	20.7

61105 2000 LN_{31} 12 22.2 48.°21 3.°9/22.1 18

11 17	6 35.34	+29 24.6	1.092	1.934	20.5	18.1
11 27	6 30.26	+30 6.2	1.041	1.947	15.7	17.9
12 7	6 21.03	+30 43.1	1.009	1.961	10.3	17.6
12 17	6 8.87	+31 8.2	0.999	1.975	5.1	17.4
12 27	5 55.89	+31 16.6	1.014	1.990	4.9	17.4
1 6	5 44.35	+31 8.6	1.054	2.005	9.9	17.8
1 16	5 36.01	+30 48.7	1.117	2.021	14.9	18.1
1 26	5 31.86	+30 23.2	1.200	2.037	19.1	18.4

120739 1997 TE_{26} 12 22.2 118.°10 0.°2/22.2 18

11 17	6 34.69	+23 19.9	1.866	2.674	14.6	19.5
11 27	6 28.01	+23 15.2	1.801	2.692	11.0	19.3
12 7	6 18.81	+23 10.0	1.760	2.710	6.9	19.1
12 17	6 7.98	+23 3.1	1.747	2.727	2.4	18.9
12 27	5 56.71	+22 53.8	1.763	2.743	2.2	18.9
1 6	5 46.30	+22 42.6	1.809	2.759	6.6	19.2
1 16	5 37.79	+22 31.1	1.883	2.774	10.5	19.5
1 26	5 31.93	+22 21.1	1.981	2.788	13.8	19.7

262383 2006 TY_{126} 12 22.2 151.°43 0.°7/22.1 18

11 17	6 35.47	+23 52.3	1.717	2.529	15.6	20.9
11 27	6 29.05	+24 16.2	1.644	2.537	11.8	20.7
12 7	6 19.74	+24 41.1	1.594	2.544	7.4	20.5
12 17	6 8.38	+25 3.8	1.571	2.551	2.6	20.2
12 27	5 56.31	+25 21.6	1.577	2.557	2.5	20.2
1 6	5 45.00	+25 33.5	1.613	2.562	7.2	20.5
1 16	5 35.73	+25 40.4	1.675	2.567	11.5	20.8
1 26	5 29.40	+25 44.5	1.761	2.571	15.1	21.0

179706 2002 RS_{42} 12 22.2 109.°71 4.°5/22.2 18

11 17	6 38.34	+33 24.1	1.599	2.408	16.7	20.7
11 27	6 31.53	+34 1.5	1.538	2.424	12.9	20.5
12 7	6 21.38	+34 30.7	1.498	2.439	8.8	20.3
12 17	6 8.94	+34 45.9	1.485	2.453	5.2	20.1
12 27	5 55.85	+34 43.3	1.499	2.467	5.1	20.2
1 6	5 43.87	+34 23.8	1.541	2.481	8.5	20.4
1 16	5 34.44	+33 51.8	1.609	2.494	12.3	20.7
1 26	5 28.43	+33 13.2	1.700	2.507	15.7	20.9

277206 2005 QU_{92} 12 22.2 44.°35 0.°5/22.2 18

11 17	6 32.19	+21 4.5	1.195	2.035	19.3	20.0
11 27	6 27.22	+21 22.8	1.146	2.053	14.5	19.8
12 7	6 18.81	+21 45.6	1.116	2.071	9.1	19.5
12 17	6 8.06	+22 10.2	1.110	2.091	3.2	19.2
12 27	5 56.71	+22 33.6	1.130	2.111	2.9	19.3
1 6	5 46.57	+22 54.4	1.176	2.131	8.5	19.7
1 16	5 39.07	+23 12.7	1.246	2.152	13.5	20.0
1 26	5 35.08	+23 29.4	1.337	2.173	17.5	20.3

119301 2001 SH_{25} 12 22.2 242°.82 0°.7/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.09	+25 0.9	2.001	2.815	13.6	20.3
11 27	6 24.74	+25 10.6	1.917	2.811	10.3	20.1
12 7	6 16.95	+25 19.6	1.856	2.806	6.5	19.9
12 17	6 7.42	+25 25.9	1.823	2.802	2.4	19.6
12 27	5 57.22	+25 28.0	1.818	2.798	2.2	19.6
1 6	5 47.57	+25 25.7	1.843	2.793	6.4	19.8
1 16	5 39.54	+25 20.0	1.896	2.789	10.3	20.1
1 26	5 33.96	+25 13.1	1.972	2.784	13.7	20.3

487598 2015 KO_{132} 12 22.2 127°.94 1°.0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.40	+23 59.4	1.783	2.597	15.0	21.4
11 27	6 27.43	+24 34.9	1.711	2.605	11.4	21.1
12 7	6 18.70	+25 11.8	1.663	2.613	7.1	20.9
12 17	6 8.03	+25 46.7	1.641	2.621	2.6	20.6
12 27	5 56.67	+26 16.4	1.649	2.628	2.5	20.7
1 6	5 46.00	+26 39.4	1.686	2.635	7.0	21.0
1 16	5 37.24	+26 55.9	1.750	2.642	11.1	21.2
1 26	5 31.27	+27 7.9	1.837	2.648	14.5	21.5

356591 2011 SB_{272} 12 22.2 31°.69 9°.3/23.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.13	+ 1 58.0	1.459	2.256	18.6	19.9
11 27	6 22.77	+ 1 17.0	1.403	2.266	15.4	19.8
12 7	6 15.79	+ 0 57.0	1.366	2.277	12.2	19.6
12 17	6 7.01	+ 1 2.5	1.352	2.289	9.8	19.5
12 27	5 57.68	+ 1 34.9	1.362	2.301	9.5	19.5
1 6	5 49.14	+ 2 31.6	1.398	2.314	11.4	19.6
1 16	5 42.51	+ 3 47.4	1.457	2.328	14.3	19.9
1 26	5 38.56	+ 5 15.5	1.537	2.342	17.2	20.1

31506 1999 CZ_{76} 12 22.2 124°.55 0°.1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.92	+23 53.1	1.804	2.616	14.9	18.4
11 27	6 27.60	+23 43.4	1.735	2.628	11.3	18.2
12 7	6 18.66	+23 32.6	1.689	2.640	7.1	18.0
12 17	6 7.98	+23 19.5	1.671	2.651	2.5	17.7
12 27	5 56.80	+23 3.7	1.682	2.661	2.3	17.7
1 6	5 46.45	+22 46.1	1.722	2.672	6.8	18.0
1 16	5 38.04	+22 28.5	1.789	2.681	10.8	18.3
1 26	5 32.33	+22 13.0	1.880	2.691	14.3	18.5

155392 1994 SE_{3} 12 22.2 354°.80 0°.4/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.60	+24 21.4	1.993	2.809	13.5	21.6
11 27	6 23.57	+24 25.3	1.913	2.809	10.3	21.4
12 7	6 16.18	+24 28.8	1.857	2.808	6.4	21.2
12 17	6 7.15	+24 30.2	1.827	2.807	2.3	20.9
12 27	5 57.53	+24 28.5	1.827	2.807	2.1	20.9
1 6	5 48.48	+24 23.8	1.856	2.807	6.3	21.2
1 16	5 41.03	+24 17.1	1.912	2.807	10.1	21.4
1 26	5 35.97	+24 10.0	1.992	2.807	13.4	21.6

52700 1998 FG_{62} 12 22.2 320°.64 0°.4/22.2 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.35	+24 42.9	2.052	2.871	13.1	19.1
11 27	6 21.98	+24 41.4	1.955	2.852	10.0	18.9
12 7	6 15.29	+24 38.8	1.881	2.833	6.3	18.6
12 17	6 6.88	+24 33.9	1.835	2.815	2.3	18.3
12 27	5 57.74	+24 25.9	1.817	2.797	2.1	18.3
1 6	5 49.01	+24 14.9	1.828	2.779	6.3	18.5
1 16	5 41.74	+24 2.2	1.866	2.762	10.2	18.7
1 26	5 36.78	+23 49.6	1.927	2.745	13.7	18.9

90313 2003 FY_{23} 12 22.2 125°.58 1°.1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.67	+26 3.3	1.902	2.710	14.4	20.3
11 27	6 28.10	+26 14.5	1.834	2.725	10.9	20.1
12 7	6 18.96	+26 23.8	1.790	2.739	6.9	19.9
12 17	6 8.09	+26 28.4	1.774	2.753	2.6	19.6
12 27	5 56.71	+26 27.0	1.787	2.766	2.4	19.6
1 6	5 46.14	+26 19.7	1.830	2.778	6.6	19.9
1 16	5 37.48	+26 8.3	1.900	2.790	10.4	20.2
1 26	5 31.49	+25 55.4	1.995	2.802	13.7	20.4

124712 2001 SA_{153} 12 22.2 92°.97 3°.8/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.65	+30 33.2	1.301	2.128	18.8	19.8
11 27	6 31.60	+31 7.4	1.241	2.138	14.5	19.5
12 7	6 21.72	+31 35.7	1.201	2.149	9.6	19.3
12 17	6 9.15	+31 51.7	1.185	2.160	4.9	19.1
12 27	5 55.74	+31 51.5	1.196	2.170	4.7	19.1
1 6	5 43.57	+31 35.4	1.233	2.181	9.2	19.4
1 16	5 34.30	+31 8.0	1.295	2.191	13.8	19.7
1 26	5 28.92	+30 35.6	1.377	2.201	17.8	19.9

177452 2004 DC_{16} 12 22.2 190°.97 2°.4/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.18	+31 49.0	2.858	3.646	10.6	21.2
11 27	6 25.69	+32 6.8	2.767	3.644	8.2	21.0
12 7	6 17.26	+32 19.8	2.703	3.641	5.5	20.8
12 17	6 7.49	+32 25.5	2.667	3.638	3.0	20.6
12 27	5 57.23	+32 22.3	2.663	3.634	2.9	20.6
1 6	5 47.40	+32 10.3	2.690	3.629	5.4	20.8
1 16	5 38.86	+31 51.1	2.747	3.624	8.1	21.0
1 26	5 32.25	+31 27.2	2.830	3.617	10.6	21.1

523286 2017 BX_{37} 12 22.2 13°.65 2°.4/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.75	+14 23.7	1.622	2.438	16.1	20.9
11 27	6 24.86	+15 0.6	1.547	2.439	12.4	20.6
12 7	6 17.21	+15 49.5	1.494	2.441	8.1	20.4
12 17	6 7.57	+16 48.5	1.467	2.443	3.7	20.1
12 27	5 57.12	+17 54.5	1.468	2.446	3.3	20.1
1 6	5 47.26	+19 3.5	1.498	2.449	7.5	20.4
1 16	5 39.22	+20 12.0	1.555	2.452	11.9	20.6
1 26	5 33.94	+21 17.8	1.634	2.456	15.6	20.9

226940 2004 TV_{317} 12 22.2 123°.52 3°.6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.75	+13 10.8	2.397	3.192	12.2	20.7
11 27	6 22.31	+12 35.2	2.325	3.202	9.5	20.5
12 7	6 15.10	+12 5.2	2.277	3.213	6.5	20.3
12 17	6 6.71	+11 42.1	2.257	3.222	4.0	20.2
12 27	5 57.98	+11 27.2	2.267	3.232	4.0	20.2
1 6	5 49.76	+11 20.8	2.307	3.241	6.4	20.4
1 16	5 42.81	+11 22.8	2.375	3.250	9.3	20.6
1 26	5 37.70	+11 32.2	2.468	3.259	11.9	20.7

88653 2001 RH_{69} 12 22.2 57°.11 1°.4/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.47	+20 38.1	1.817	2.635	14.6	18.9
11 27	6 24.24	+20 18.8	1.746	2.642	11.1	18.7
12 7	6 16.58	+20 1.2	1.699	2.649	7.0	18.5
12 17	6 7.27	+19 45.1	1.678	2.657	2.8	18.2
12 27	5 57.47	+19 30.8	1.686	2.664	2.6	18.2
1 6	5 48.37	+19 19.0	1.722	2.672	6.8	18.5
1 16	5 41.02	+19 10.6	1.786	2.680	10.7	18.8
1 26	5 36.16	+19 6.5	1.873	2.688	14.1	19.0

103570 2000 BH_{49} 12 22.2 97°.32 0°.7/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.24	+25 25.9	1.817	2.634	14.6	19.6
11 27	6 25.74	+25 28.4	1.742	2.637	11.1	19.4
12 7	6 17.61	+25 29.4	1.690	2.641	7.0	19.2
12 17	6 7.66	+25 26.8	1.665	2.644	2.5	18.9
12 27	5 57.11	+25 19.4	1.668	2.648	2.4	18.9
1 6	5 47.26	+25 7.7	1.700	2.651	6.8	19.2
1 16	5 39.27	+24 53.4	1.760	2.654	10.8	19.4
1 26	5 33.94	+24 38.9	1.842	2.658	14.3	19.7

447566 2006 TJ_{25} 12 22.2 157°.21 5°.7/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.80	+38 42.5	2.257	3.041	13.2	21.7
11 27	6 29.17	+39 42.4	2.182	3.046	10.6	21.5
12 7	6 19.80	+40 33.5	2.131	3.051	7.9	21.3
12 17	6 8.46	+41 10.0	2.108	3.056	6.0	21.2
12 27	5 56.36	+41 27.8	2.113	3.060	6.0	21.2
1 6	5 44.90	+41 26.5	2.148	3.064	8.0	21.4
1 16	5 35.31	+41 8.5	2.209	3.067	10.6	21.5
1 26	5 28.48	+40 38.9	2.294	3.070	13.1	21.7

275481 2011 EC_{27} 12 22.2 295°.68 5°.6/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.18	+ 7 15.8	2.250	3.039	13.1	20.1
11 27	6 20.68	+ 6 43.8	2.162	3.028	10.6	19.9
12 7	6 14.27	+ 6 21.8	2.096	3.018	7.9	19.8
12 17	6 6.50	+ 6 12.4	2.057	3.007	5.9	19.6
12 27	5 58.18	+ 6 16.9	2.046	2.997	5.9	19.6
1 6	5 50.22	+ 6 35.3	2.064	2.986	7.9	19.7
1 16	5 43.46	+ 7 6.2	2.108	2.976	10.6	19.9
1 26	5 38.58	+ 7 47.3	2.176	2.966	13.3	20.0

201538 2003 QC_{73} 12 22.2 48°.69 8°.9/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.46	+ 0 2.0	1.903	2.674	15.8	19.3
11 27	6 21.62	− 0 59.5	1.853	2.695	13.2	19.2
12 7	6 14.76	− 1 43.3	1.824	2.716	10.8	19.1
12 17	6 6.61	− 2 5.4	1.820	2.737	9.2	19.0
12 27	5 58.15	− 2 3.8	1.842	2.759	9.0	19.0
1 6	5 50.36	− 1 39.4	1.889	2.781	10.4	19.2
1 16	5 44.08	− 0 55.6	1.961	2.803	12.5	19.3
1 26	5 39.92	+ 0 2.9	2.055	2.825	14.6	19.5

403662 2010 TB_{107} 12 22.2 123°.50 0°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.92	+22 22.4	2.060	2.871	13.4	22.0
11 27	6 24.42	+22 28.5	1.984	2.877	10.1	21.8
12 7	6 16.65	+22 35.6	1.933	2.883	6.3	21.6
12 17	6 7.32	+22 42.4	1.909	2.888	2.2	21.4
12 27	5 57.46	+22 47.9	1.914	2.894	2.0	21.4
1 6	5 48.20	+22 51.8	1.949	2.899	6.1	21.6
1 16	5 40.50	+22 54.6	2.012	2.904	9.8	21.9
1 26	5 35.11	+22 57.3	2.099	2.909	13.0	22.1

305161 2007 VA_{222} 12 22.2 42°.98 4°.7/21.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.51	+31 4.1	1.455	2.280	17.2	20.0
11 27	6 28.20	+32 15.8	1.400	2.296	13.3	19.8
12 7	6 19.49	+33 23.1	1.367	2.312	9.0	19.6
12 17	6 8.39	+34 18.5	1.359	2.329	5.3	19.4
12 27	5 56.50	+34 56.4	1.378	2.347	5.4	19.5
1 6	5 45.64	+35 15.2	1.424	2.365	8.9	19.7
1 16	5 37.28	+35 17.5	1.494	2.383	12.8	20.0
1 26	5 32.39	+35 8.7	1.586	2.401	16.3	20.3

400462 2008 FX_{106} 12 22.2 47°.17 5°.9/21.9 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.62	+36 11.8	1.740	2.548	15.6	20.8
11 27	6 28.01	+37 18.9	1.680	2.560	12.3	20.6
12 7	6 19.27	+38 17.5	1.641	2.573	8.9	20.4
12 17	6 8.30	+39 0.6	1.629	2.587	6.3	20.3
12 27	5 56.57	+39 23.6	1.644	2.600	6.4	20.3
1 6	5 45.74	+39 25.7	1.686	2.614	8.9	20.5
1 16	5 37.17	+39 10.4	1.754	2.628	12.0	20.7
1 26	5 31.80	+38 43.3	1.844	2.643	15.0	21.0

275237 2009 WS_{260} 12 22.2 156°.35 1°.2/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.56	+25 11.5	1.838	2.649	14.8	21.2
11 27	6 28.29	+25 40.9	1.763	2.655	11.2	20.9
12 7	6 19.26	+26 10.3	1.711	2.660	7.1	20.7
12 17	6 8.27	+26 36.2	1.687	2.666	2.7	20.5
12 27	5 56.58	+26 56.0	1.691	2.670	2.6	20.5
1 6	5 45.57	+27 8.5	1.726	2.674	6.9	20.7
1 16	5 36.47	+27 14.6	1.788	2.678	11.0	21.0
1 26	5 30.15	+27 16.8	1.873	2.681	14.4	21.2

54153 2000 HN_{46} 12 22.2 299°.38 2°.8/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.61	+18 37.5	1.488	2.314	16.8	19.6
11 27	6 25.76	+18 2.5	1.408	2.307	13.0	19.3
12 7	6 17.90	+17 30.3	1.349	2.299	8.5	19.0
12 17	6 7.85	+17 2.0	1.315	2.292	3.9	18.8
12 27	5 56.95	+16 39.1	1.308	2.284	3.9	18.7
1 6	5 46.75	+16 23.0	1.329	2.277	8.5	19.0
1 16	5 38.59	+16 14.8	1.374	2.271	13.2	19.2
1 26	5 33.46	+16 14.9	1.441	2.264	17.2	19.5

108377 2001 KG_{20} 12 22.2 162°.89 1°.8/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.29	+19 36.1	1.748	2.560	15.3	20.6
11 27	6 27.26	+19 17.5	1.672	2.564	11.7	20.4
12 7	6 18.56	+19 1.3	1.619	2.568	7.5	20.1
12 17	6 8.01	+18 47.5	1.593	2.571	3.1	19.9
12 27	5 56.84	+18 36.2	1.596	2.574	3.0	19.9
1 6	5 46.39	+18 27.9	1.628	2.576	7.3	20.1
1 16	5 37.83	+18 23.6	1.687	2.578	11.5	20.4
1 26	5 31.98	+18 23.9	1.769	2.579	15.0	20.6

388062 2005 TF_{87} 12 22.2 346°.88 1°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.52	+20 41.2	1.241	2.084	18.5	20.9
11 27	6 24.75	+20 40.6	1.169	2.078	14.2	20.6
12 7	6 17.55	+20 44.2	1.116	2.072	9.0	20.3
12 17	6 7.79	+20 51.1	1.087	2.067	3.4	20.0
12 27	5 57.01	+20 59.9	1.083	2.063	3.1	20.0
1 6	5 47.04	+21 9.8	1.105	2.060	8.8	20.3
1 16	5 39.45	+21 21.0	1.150	2.058	14.1	20.6
1 26	5 35.35	+21 34.2	1.215	2.057	18.6	20.8

397354 2006 UQ_{94} 12 22.2 109°.22 3°.8/22.3 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.73	+12 44.6	2.119	2.916	13.5	22.1
11 27	6 23.98	+12 18.6	2.053	2.932	10.5	22.0
12 7	6 16.22	+11 59.9	2.012	2.948	7.2	21.8
12 17	6 7.14	+11 49.5	1.998	2.964	4.4	21.6
12 27	5 57.70	+11 48.1	2.013	2.979	4.3	21.7
1 6	5 48.89	+11 55.5	2.058	2.994	6.9	21.9
1 16	5 41.55	+12 11.0	2.131	3.009	10.0	22.1
1 26	5 36.31	+12 33.1	2.227	3.023	12.8	22.3

16108 1999 WV_{3} 12 22.2 116°.73 2°.8/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.37	+28 57.4	1.596	2.412	16.4	18.1
11 27	6 30.01	+29 30.5	1.531	2.423	12.5	17.9
12 7	6 20.47	+30 0.0	1.487	2.435	8.1	17.7
12 17	6 8.72	+30 21.0	1.470	2.446	3.9	17.4
12 27	5 56.25	+30 30.0	1.481	2.457	3.7	17.5
1 6	5 44.74	+30 26.8	1.521	2.467	7.9	17.7
1 16	5 35.57	+30 14.2	1.586	2.477	12.1	18.0
1 26	5 29.65	+29 56.5	1.674	2.487	15.7	18.3

394481 2007 TX_{51} 12 22.2 124°.23 4°.4/22.1 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.31	+12 53.4	1.946	2.747	14.4	22.1
11 27	6 24.62	+12 12.0	1.876	2.757	11.2	21.9
12 7	6 16.72	+11 37.4	1.830	2.767	7.8	21.7
12 17	6 7.35	+11 11.8	1.810	2.776	4.9	21.5
12 27	5 57.53	+10 56.5	1.820	2.785	4.8	21.5
1 6	5 48.36	+10 52.2	1.858	2.793	7.7	21.7
1 16	5 40.78	+10 58.3	1.923	2.801	11.0	21.9
1 26	5 35.49	+11 13.5	2.012	2.809	14.0	22.2

414288 2008 OD_{16} 12 22.2 66°.92 0°.5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.71	+25 20.0	2.088	2.899	13.2	21.3
11 27	6 24.12	+25 16.8	2.024	2.917	9.9	21.1
12 7	6 16.37	+25 11.9	1.984	2.934	6.2	20.9
12 17	6 7.21	+25 4.0	1.972	2.952	2.2	20.7
12 27	5 57.68	+24 52.5	1.990	2.970	2.0	20.7
1 6	5 48.88	+24 38.2	2.037	2.987	5.9	21.0
1 16	5 41.70	+24 22.4	2.112	3.005	9.4	21.2
1 26	5 36.79	+24 7.0	2.212	3.023	12.4	21.5

404668 2014 HH_{147} 12 22.2 69°.25 0°.0/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.76	+23 4.3	1.580	2.402	16.2	20.8
11 27	6 26.99	+23 11.3	1.522	2.420	12.2	20.6
12 7	6 18.41	+23 19.2	1.486	2.438	7.6	20.3
12 17	6 7.96	+23 25.8	1.477	2.457	2.6	20.1
12 27	5 57.01	+23 29.8	1.496	2.476	2.4	20.1
1 6	5 47.02	+23 31.0	1.542	2.494	7.2	20.5
1 16	5 39.17	+23 30.5	1.615	2.513	11.5	20.7
1 26	5 34.23	+23 30.1	1.711	2.531	15.0	21.0

48318 2002 NA_{22} 12 22.2 184°.13 3°.8/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.64	+13 26.7	1.702	2.508	15.9	19.9
11 27	6 26.87	+13 19.2	1.624	2.509	12.4	19.7
12 7	6 18.41	+13 21.0	1.567	2.509	8.4	19.5
12 17	6 8.02	+13 32.7	1.537	2.508	4.7	19.2
12 27	5 56.88	+13 53.9	1.536	2.507	4.4	19.2
1 6	5 46.35	+14 23.4	1.563	2.506	8.0	19.4
1 16	5 37.63	+14 59.5	1.616	2.504	12.1	19.7
1 26	5 31.62	+15 40.4	1.693	2.501	15.7	19.9

498475 2008 CT_{62} 12 22.2 4°.07 22°.2/30.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.09	−19 20.1	0.998	1.734	29.1	21.0
11 27	6 26.28	−20 29.6	0.949	1.732	27.1	20.8
12 7	6 18.65	−20 48.1	0.910	1.732	25.0	20.6
12 17	6 8.21	−20 2.2	0.884	1.733	23.2	20.5
12 27	5 56.71	−18 4.3	0.873	1.734	22.3	20.5
1 6	5 46.20	−14 59.3	0.879	1.736	22.5	20.5
1 16	5 38.42	−11 2.7	0.904	1.740	23.9	20.6
1 26	5 34.52	− 6 36.8	0.946	1.744	26.0	20.8

415229 2012 HM_{73} 12 22.2 220°.40 1°.2/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.03	+25 10.2	2.366	3.173	12.0	21.1
11 27	6 23.68	+25 46.4	2.280	3.170	9.1	20.9
12 7	6 16.22	+26 23.3	2.219	3.167	5.8	20.7
12 17	6 7.23	+26 58.0	2.186	3.165	2.3	20.5
12 27	5 57.61	+27 28.1	2.184	3.162	2.2	20.4
1 6	5 48.40	+27 52.4	2.212	3.159	5.7	20.7
1 16	5 40.52	+28 10.8	2.268	3.156	9.1	20.9
1 26	5 34.73	+28 24.4	2.350	3.153	12.0	21.1

196362 2003 FT_{108} 12 22.2 208°.88 0°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.84	+23 0.2	1.976	2.784	13.9	21.4
11 27	6 26.90	+23 14.7	1.888	2.779	10.6	21.2
12 7	6 18.39	+23 30.4	1.824	2.773	6.7	20.9
12 17	6 8.02	+23 45.3	1.787	2.767	2.4	20.6
12 27	5 56.89	+23 57.5	1.780	2.760	2.2	20.6
1 6	5 46.27	+24 6.2	1.803	2.753	6.6	20.9
1 16	5 37.31	+24 12.1	1.854	2.745	10.6	21.1
1 26	5 30.88	+24 16.5	1.929	2.736	14.1	21.3

420264 2011 KP_{14} 12 22.2 316°.88 12°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.62	− 8 54.0	2.119	2.844	15.7	20.3
11 27	6 20.46	−10 48.3	2.039	2.825	14.3	20.1
12 7	6 14.26	−12 25.1	1.979	2.806	13.1	20.0
12 17	6 6.56	−13 37.2	1.942	2.787	12.4	19.9
12 27	5 58.22	−14 18.8	1.928	2.769	12.7	19.9
1 6	5 50.18	−14 28.2	1.937	2.751	13.7	19.9
1 16	5 43.37	−14 6.5	1.967	2.734	15.3	20.0
1 26	5 38.55	−13 18.2	2.015	2.717	17.0	20.1

61635 2000 QA_{104} 12 22.2 186°.61 3°.7/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.13	+12 24.5	2.040	2.836	14.0	19.9
11 27	6 25.33	+12 17.5	1.957	2.836	10.9	19.7
12 7	6 17.26	+12 19.1	1.898	2.835	7.5	19.5
12 17	6 7.60	+12 30.0	1.866	2.834	4.4	19.3
12 27	5 57.32	+12 49.8	1.863	2.832	4.2	19.3
1 6	5 47.53	+13 17.8	1.890	2.830	7.2	19.5
1 16	5 39.23	+13 52.3	1.945	2.827	10.7	19.7
1 26	5 33.17	+14 31.8	2.024	2.823	13.8	19.9

434609 2005 UV_{363} 12 22.2 145°.48 2°.6/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.25	+16 38.3	1.993	2.794	14.1	22.2
11 27	6 26.84	+16 21.4	1.921	2.806	10.8	22.0
12 7	6 18.12	+16 9.1	1.873	2.817	7.1	21.8
12 17	6 7.87	+16 1.7	1.853	2.827	3.5	21.6
12 27	5 57.13	+15 59.3	1.862	2.837	3.3	21.6
1 6	5 47.07	+16 1.9	1.902	2.845	6.8	21.9
1 16	5 38.66	+16 9.6	1.969	2.853	10.4	22.1
1 26	5 32.62	+16 21.9	2.061	2.861	13.6	22.3

457981 2009 VS_{111} 12 22.2 21°.52 1°.8/21.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.09	+25 37.2	1.861	2.681	14.2	20.7
11 27	6 24.21	+26 26.2	1.789	2.685	10.8	20.5
12 7	6 16.76	+27 16.1	1.740	2.690	6.9	20.3
12 17	6 7.46	+28 2.9	1.718	2.696	2.9	20.0
12 27	5 57.46	+28 43.0	1.725	2.702	2.9	20.0
1 6	5 48.05	+29 14.5	1.760	2.709	6.8	20.3
1 16	5 40.37	+29 37.3	1.823	2.715	10.6	20.5
1 26	5 35.28	+29 53.2	1.908	2.723	13.9	20.8

518042 2015 XO_{66} 12 22.2 125°.60 0°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.76	+25 17.6	2.240	3.044	12.7	22.0
11 27	6 25.64	+25 36.3	2.169	3.058	9.6	21.8
12 7	6 17.35	+25 54.2	2.123	3.071	6.0	21.6
12 17	6 7.60	+26 8.9	2.105	3.084	2.2	21.4
12 27	5 57.39	+26 18.9	2.117	3.096	2.1	21.4
1 6	5 47.79	+26 23.8	2.160	3.108	5.8	21.7
1 16	5 39.73	+26 24.4	2.231	3.119	9.2	21.9
1 26	5 33.91	+26 22.6	2.327	3.130	12.1	22.1

250201 2002 UA_{41} 12 22.2 69°.36 2°.5/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.48	+17 57.0	1.819	2.634	14.7	20.4
11 27	6 24.27	+17 31.5	1.746	2.639	11.2	20.2
12 7	6 16.66	+17 9.6	1.696	2.644	7.3	20.0
12 17	6 7.39	+16 52.0	1.673	2.649	3.4	19.8
12 27	5 57.59	+16 39.4	1.678	2.654	3.3	19.8
1 6	5 48.45	+16 32.3	1.712	2.659	7.1	20.0
1 16	5 41.02	+16 31.2	1.772	2.664	11.0	20.3
1 26	5 36.04	+16 35.9	1.856	2.669	14.3	20.5

144828 2004 JL_{16} 12 22.2 226°.13 3°.4/22.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.45	+13 48.7	2.327	3.123	12.5	20.7
11 27	6 23.11	+13 22.3	2.235	3.115	9.7	20.5
12 7	6 15.80	+13 1.3	2.168	3.106	6.7	20.3
12 17	6 7.09	+12 46.7	2.128	3.096	3.9	20.2
12 27	5 57.83	+12 39.6	2.118	3.086	3.9	20.1
1 6	5 48.95	+12 40.2	2.138	3.076	6.6	20.3
1 16	5 41.33	+12 48.3	2.186	3.065	9.8	20.5
1 26	5 35.64	+13 3.2	2.259	3.054	12.7	20.6

66582 1999 RZ_{155} 12 22.2 71°.16 2°.9/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.99	+16 44.9	1.622	2.434	16.3	19.7
11 27	6 27.52	+16 22.7	1.576	2.466	12.4	19.5
12 7	6 18.52	+16 6.3	1.552	2.498	8.0	19.3
12 17	6 7.96	+15 56.2	1.555	2.530	3.9	19.1
12 27	5 57.16	+15 52.5	1.586	2.561	3.7	19.2
1 6	5 47.39	+15 55.1	1.646	2.591	7.5	19.5
1 16	5 39.69	+16 3.7	1.732	2.622	11.3	19.8
1 26	5 34.71	+16 17.6	1.841	2.652	14.5	20.1

287862 2003 SW_{274} 12 22.2 72°.23 0°.1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.52	+22 58.9	1.639	2.459	15.8	21.3
11 27	6 26.77	+23 10.0	1.580	2.477	11.9	21.1
12 7	6 18.27	+23 22.1	1.543	2.495	7.4	20.9
12 17	6 7.95	+23 33.1	1.533	2.513	2.6	20.6
12 27	5 57.12	+23 41.3	1.551	2.531	2.4	20.6
1 6	5 47.19	+23 46.4	1.597	2.548	7.0	21.0
1 16	5 39.32	+23 49.4	1.669	2.566	11.2	21.3
1 26	5 34.28	+23 51.7	1.765	2.584	14.7	21.5

339889 2005 TR_{137} 12 22.2 200°.47 1°.1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.53	+25 16.6	2.015	2.820	13.8	22.1
11 27	6 28.19	+25 40.4	1.927	2.816	10.6	21.8
12 7	6 19.22	+26 4.1	1.864	2.812	6.7	21.6
12 17	6 8.35	+26 24.5	1.827	2.806	2.6	21.3
12 27	5 56.69	+26 39.4	1.822	2.800	2.4	21.3
1 6	5 45.55	+26 47.7	1.846	2.794	6.6	21.6
1 16	5 36.10	+26 50.4	1.898	2.786	10.6	21.8
1 26	5 29.25	+26 49.6	1.975	2.778	14.0	22.0

489960 2008 SG_{8} 12 22.2 61°.75 8°.9/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.18	− 2 41.0	2.137	2.889	14.8	20.9
11 27	6 21.27	− 3 33.8	2.083	2.908	12.6	20.8
12 7	6 14.53	− 4 8.8	2.051	2.926	10.6	20.7
12 17	6 6.60	− 4 22.3	2.043	2.945	9.2	20.6
12 27	5 58.36	− 4 12.6	2.061	2.964	9.0	20.6
1 6	5 50.69	− 3 40.8	2.105	2.983	10.1	20.7
1 16	5 44.37	− 2 50.0	2.173	3.002	11.9	20.9
1 26	5 39.97	− 1 45.0	2.265	3.020	13.9	21.1

450054 2015 RO_{27} 12 22.2 92°.27 6°.4/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.64	+ 7 16.8	1.932	2.721	14.9	21.4
11 27	6 24.03	+ 6 24.0	1.872	2.739	12.0	21.3
12 7	6 16.32	+ 5 42.8	1.836	2.756	9.0	21.1
12 17	6 7.24	+ 5 16.2	1.825	2.773	6.7	21.0
12 27	5 57.79	+ 5 6.2	1.842	2.790	6.7	21.1
1 6	5 49.04	+ 5 12.6	1.888	2.806	8.7	21.2
1 16	5 41.85	+ 5 33.7	1.959	2.823	11.5	21.4
1 26	5 36.88	+ 6 6.7	2.054	2.839	14.1	21.6

413740 2006 BG_{236} 12 22.2 228°.31 3°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.11	+34 14.3	2.242	3.042	12.8	21.0
11 27	6 25.50	+34 45.3	2.161	3.041	10.0	20.8
12 7	6 17.46	+35 9.7	2.103	3.039	6.9	20.6
12 17	6 7.70	+35 23.7	2.073	3.038	4.4	20.5
12 27	5 57.31	+35 24.8	2.072	3.037	4.3	20.5
1 6	5 47.50	+35 12.8	2.100	3.035	6.8	20.6
1 16	5 39.34	+34 50.0	2.155	3.034	9.9	20.8
1 26	5 33.61	+34 20.1	2.235	3.033	12.7	21.0

472282 2014 VW_{10} 12 22.2 334°.46 2°.1/21.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.46	+20 57.8	1.922	2.741	13.9	20.4
11 27	6 22.78	+20 1.5	1.833	2.729	10.6	20.2
12 7	6 15.76	+19 3.5	1.768	2.718	6.8	19.9
12 17	6 7.11	+18 5.3	1.730	2.707	3.0	19.7
12 27	5 57.87	+17 9.3	1.721	2.697	3.1	19.6
1 6	5 49.19	+16 18.6	1.741	2.688	7.0	19.9
1 16	5 42.09	+15 35.4	1.787	2.679	10.9	20.1
1 26	5 37.33	+15 1.6	1.858	2.671	14.3	20.3

276241 2002 RV_{95} 12 22.2 72°.90 4°.7/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.79	+13 39.3	1.388	2.208	18.2	20.2
11 27	6 27.15	+13 7.6	1.334	2.226	14.1	20.0
12 7	6 18.58	+12 45.7	1.300	2.244	9.5	19.8
12 17	6 8.07	+12 35.4	1.292	2.262	5.5	19.6
12 27	5 57.06	+12 37.5	1.310	2.280	5.3	19.6
1 6	5 47.09	+12 51.3	1.355	2.298	9.0	19.9
1 16	5 39.35	+13 15.1	1.425	2.316	13.1	20.2
1 26	5 34.65	+13 46.7	1.516	2.334	16.7	20.4

61171 2000 NA_{21} 12 22.2 113°.32 2°.3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.32	+29 31.7	1.755	2.566	15.3	18.6
11 27	6 28.90	+29 40.1	1.687	2.578	11.7	18.4
12 7	6 19.63	+29 43.1	1.643	2.590	7.6	18.2
12 17	6 8.44	+29 37.6	1.625	2.602	3.4	18.0
12 27	5 56.70	+29 22.0	1.637	2.613	3.2	18.0
1 6	5 45.90	+28 57.3	1.677	2.624	7.2	18.2
1 16	5 37.23	+28 26.8	1.744	2.635	11.1	18.5
1 26	5 31.50	+27 54.4	1.834	2.645	14.6	18.7

453691 2010 VF_{218} 12 22.2 135°.76 0°.8/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.42	+22 1.1	2.261	3.065	12.5	21.7
11 27	6 24.54	+21 43.0	2.185	3.074	9.5	21.6
12 7	6 16.62	+21 24.9	2.134	3.083	5.9	21.4
12 17	6 7.35	+21 6.5	2.112	3.091	2.2	21.1
12 27	5 57.68	+20 48.0	2.120	3.099	2.1	21.1
1 6	5 48.60	+20 30.2	2.158	3.106	5.8	21.4
1 16	5 40.99	+20 14.2	2.225	3.114	9.2	21.6
1 26	5 35.49	+20 1.2	2.317	3.120	12.1	21.8

517384 2014 KV_{87} 12 22.2 190°.65 5°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.34	+ 8 52.5	2.213	2.998	13.4	22.2
11 27	6 23.77	+ 8 14.4	2.130	2.997	10.7	22.0
12 7	6 16.20	+ 7 45.1	2.071	2.996	7.8	21.8
12 17	6 7.24	+ 7 26.8	2.039	2.993	5.6	21.7
12 27	5 57.76	+ 7 21.3	2.037	2.991	5.6	21.7
1 6	5 48.74	+ 7 28.6	2.064	2.988	7.8	21.8
1 16	5 41.04	+ 7 47.7	2.117	2.984	10.6	22.0
1 26	5 35.36	+ 8 16.8	2.195	2.980	13.4	22.2

1213 Algeria 12 22.2 54°.79 0°.1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.89	+25 44.5	2.098	2.909	13.1	15.8
11 27	6 24.26	+25 14.1	2.028	2.920	9.9	15.6
12 7	6 16.47	+24 40.4	1.982	2.932	6.2	15.4
12 17	6 7.29	+24 3.1	1.963	2.943	2.2	15.2
12 27	5 57.76	+23 23.1	1.975	2.955	2.0	15.2
1 6	5 48.96	+22 42.2	2.017	2.967	5.9	15.5
1 16	5 41.77	+22 2.9	2.086	2.979	9.5	15.7
1 26	5 36.86	+21 27.4	2.181	2.991	12.6	15.9

143225 2002 YF_{13} 12 22.2 18°.17 0°.5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.36	+22 44.0	1.684	2.508	15.3	19.9
11 27	6 24.48	+22 32.8	1.611	2.510	11.6	19.6
12 7	6 16.93	+22 21.8	1.560	2.513	7.3	19.4
12 17	6 7.53	+22 10.3	1.536	2.516	2.6	19.1
12 27	5 57.52	+21 57.9	1.539	2.519	2.4	19.1
1 6	5 48.23	+21 45.4	1.571	2.523	7.1	19.4
1 16	5 40.83	+21 34.0	1.629	2.527	11.3	19.7
1 26	5 36.13	+21 25.3	1.709	2.532	14.9	19.9

11081 Persäve 12 22.2 83°.81 1°.0/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.80	+20 31.4	2.039	2.852	13.4	18.1
11 27	6 23.61	+20 28.6	1.963	2.856	10.2	17.9
12 7	6 16.19	+20 27.9	1.911	2.861	6.4	17.7
12 17	6 7.24	+20 28.8	1.886	2.865	2.4	17.4
12 27	5 57.78	+20 30.7	1.891	2.870	2.3	17.4
1 6	5 48.89	+20 33.4	1.924	2.874	6.2	17.7
1 16	5 41.53	+20 37.2	1.986	2.879	9.9	17.9
1 26	5 36.42	+20 42.8	2.071	2.883	13.1	18.1

101391 1998 UM_{34} 12 22.2 70°.63 1°.9/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.05	+25 46.2	1.392	2.214	18.0	19.7
11 27	6 31.26	+26 28.2	1.348	2.245	13.6	19.5
12 7	6 21.18	+27 9.0	1.324	2.275	8.5	19.3
12 17	6 8.97	+27 43.5	1.327	2.306	3.4	19.1
12 27	5 56.31	+28 7.8	1.357	2.336	3.3	19.1
1 6	5 44.94	+28 21.3	1.416	2.365	8.0	19.5
1 16	5 36.22	+28 26.1	1.499	2.394	12.4	19.8
1 26	5 30.92	+28 25.7	1.605	2.423	16.0	20.1

418717 2008 UR_{80} 12 22.2 294.°57 0.°1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.71	+24 40.0	2.308	3.118	12.1	20.6
11 27	6 22.69	+24 25.2	2.216	3.108	9.2	20.4
12 7	6 15.60	+24 8.4	2.147	3.097	5.8	20.2
12 17	6 7.05	+23 49.1	2.107	3.087	2.0	19.9
12 27	5 57.96	+23 27.1	2.097	3.077	1.9	19.9
1 6	5 49.31	+23 3.4	2.116	3.066	5.7	20.1
1 16	5 42.03	+22 39.4	2.164	3.056	9.2	20.3
1 26	5 36.81	+22 17.1	2.237	3.046	12.3	20.5

381364 2008 EB_{24} 12 22.2 181.°80 1.°0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.62	+23 53.1	1.619	2.437	16.1	21.2
11 27	6 28.78	+24 27.2	1.542	2.437	12.3	20.9
12 7	6 19.84	+25 3.5	1.487	2.438	7.8	20.6
12 17	6 8.62	+25 38.2	1.458	2.438	2.9	20.4
12 27	5 56.50	+26 7.5	1.458	2.437	2.7	20.3
1 6	5 45.06	+26 29.8	1.486	2.437	7.6	20.6
1 16	5 35.71	+26 45.3	1.541	2.435	12.1	20.9
1 26	5 29.46	+26 56.2	1.619	2.434	16.0	21.1

518254 2016 UE_{148} 12 22.2 326.°65 0.°2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.35	+21 48.1	1.442	2.272	17.1	20.7
11 27	6 26.62	+22 20.4	1.365	2.267	13.1	20.4
12 7	6 18.66	+22 57.7	1.309	2.263	8.3	20.1
12 17	6 8.26	+23 36.9	1.278	2.259	2.9	19.8
12 27	5 56.83	+24 14.0	1.275	2.255	2.7	19.8
1 6	5 46.07	+24 46.7	1.298	2.251	8.1	20.1
1 16	5 37.48	+25 14.2	1.347	2.248	13.0	20.4
1 26	5 32.14	+25 37.6	1.417	2.245	17.2	20.6

70059 1999 JD_{21} 12 22.2 217.°34 1.°3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.39	+25 46.0	1.617	2.434	16.2	19.9
11 27	6 29.46	+26 5.3	1.534	2.428	12.4	19.7
12 7	6 20.33	+26 23.9	1.472	2.422	7.9	19.4
12 17	6 8.82	+26 38.4	1.436	2.415	3.0	19.1
12 27	5 56.33	+26 45.7	1.429	2.408	2.9	19.1
1 6	5 44.51	+26 45.3	1.450	2.400	7.8	19.4
1 16	5 34.82	+26 38.8	1.498	2.392	12.4	19.6
1 26	5 28.31	+26 29.4	1.568	2.383	16.4	19.8

490962 2011 DN_{31} 12 22.2 221.°83 5.°2/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.51	+ 4 4.8	2.916	3.678	11.0	21.9
11 27	6 20.53	+ 3 44.7	2.823	3.669	9.0	21.8
12 7	6 14.04	+ 3 34.6	2.755	3.660	7.0	21.6
12 17	6 6.50	+ 3 36.4	2.714	3.650	5.5	21.5
12 27	5 58.54	+ 3 50.8	2.702	3.640	5.4	21.5
1 6	5 50.84	+ 4 17.6	2.720	3.630	6.8	21.6
1 16	5 44.06	+ 4 55.2	2.767	3.619	8.9	21.7
1 26	5 38.75	+ 5 41.5	2.838	3.607	11.0	21.8

442253 2011 PR_{1} 12 22.2 98.°83 0.°0/22.2 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.19	+24 13.1	2.157	2.954	13.3	23.6
11 27	6 28.71	+24 3.5	2.103	2.988	10.0	23.4
12 7	6 19.10	+23 52.3	2.073	3.020	6.2	23.3
12 17	6 8.20	+23 38.5	2.072	3.052	2.1	23.1
12 27	5 57.10	+23 21.9	2.103	3.083	1.9	23.1
1 6	5 46.88	+23 3.5	2.165	3.112	5.8	23.4
1 16	5 38.43	+22 44.9	2.256	3.141	9.2	23.7
1 26	5 32.33	+22 27.9	2.372	3.169	12.1	23.9

277733 2006 DL_{88} 12 22.2 138.°75 4.°2/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.30	+ 9 43.2	2.520	3.307	11.9	21.8
11 27	6 21.26	+ 9 20.7	2.443	3.313	9.4	21.7
12 7	6 14.53	+ 9 6.2	2.391	3.319	6.8	21.5
12 17	6 6.67	+ 9 1.2	2.366	3.324	4.6	21.4
12 27	5 58.42	+ 9 6.1	2.371	3.329	4.5	21.4
1 6	5 50.60	+ 9 20.8	2.405	3.334	6.5	21.5
1 16	5 43.91	+ 9 44.1	2.468	3.339	9.1	21.7
1 26	5 38.94	+10 14.5	2.555	3.344	11.6	21.9

331179 2011 AC_{35} 12 22.2 46.°25 3.°6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.76	+27 57.3	1.066	1.910	20.8	20.0
11 27	6 30.51	+28 53.4	1.025	1.932	15.8	19.7
12 7	6 21.19	+29 46.5	1.002	1.955	10.2	19.5
12 17	6 9.09	+30 29.0	1.002	1.979	4.8	19.3
12 27	5 56.32	+30 55.4	1.027	2.003	4.7	19.4
1 6	5 45.11	+31 4.8	1.077	2.028	9.7	19.7
1 16	5 37.11	+31 1.1	1.150	2.053	14.5	20.1
1 26	5 33.22	+30 49.9	1.242	2.079	18.6	20.4

40671 1999 RE_{202} 12 22.2 15.°73 1.°0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.88	+27 43.9	1.764	2.585	14.8	17.7
11 27	6 24.80	+27 22.1	1.691	2.588	11.3	17.5
12 7	6 17.09	+26 55.1	1.640	2.592	7.1	17.3
12 17	6 7.61	+26 21.9	1.616	2.596	2.7	17.0
12 27	5 57.61	+25 42.8	1.621	2.600	2.4	17.0
1 6	5 48.42	+24 59.9	1.654	2.606	6.8	17.3
1 16	5 41.13	+24 16.4	1.713	2.611	10.9	17.5
1 26	5 36.52	+23 35.8	1.796	2.618	14.4	17.8

47166 1999 TT_{18} 12 22.2 191.°84 4.°5/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.97	+33 19.3	1.852	2.652	15.1	20.2
11 27	6 31.29	+34 9.1	1.770	2.651	11.8	20.0
12 7	6 21.43	+34 53.1	1.711	2.649	8.2	19.8
12 17	6 9.23	+35 25.2	1.680	2.646	5.1	19.6
12 27	5 56.07	+35 40.8	1.677	2.643	5.1	19.6
1 6	5 43.60	+35 39.0	1.703	2.639	8.2	19.7
1 16	5 33.25	+35 22.3	1.756	2.634	11.9	19.9
1 26	5 26.06	+34 56.2	1.833	2.629	15.2	20.2

322444 2011 TK_{13} 12 22.2 140.°03 2.°8/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.51	+32 48.4	2.140	2.935	13.5	21.0
11 27	6 29.36	+32 43.3	2.066	2.946	10.4	20.8
12 7	6 19.73	+32 30.1	2.017	2.957	6.9	20.6
12 17	6 8.50	+32 6.1	1.995	2.967	3.6	20.4
12 27	5 56.85	+31 30.6	2.004	2.977	3.3	20.4
1 6	5 46.06	+30 45.5	2.043	2.986	6.5	20.6
1 16	5 37.15	+29 54.5	2.110	2.994	9.9	20.8
1 26	5 30.85	+29 2.0	2.203	3.002	12.8	21.1

514430 2016 UO_{14} 12 22.2 236.°43 2.°3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.74	+27 53.0	1.703	2.518	15.6	21.7
11 27	6 28.96	+28 21.2	1.616	2.508	12.0	21.5
12 7	6 20.05	+28 47.6	1.550	2.498	7.8	21.2
12 17	6 8.77	+29 7.7	1.511	2.488	3.5	20.9
12 27	5 56.48	+29 18.3	1.501	2.477	3.4	20.9
1 6	5 44.77	+29 18.2	1.519	2.466	7.8	21.1
1 16	5 35.10	+29 9.5	1.563	2.455	12.2	21.4
1 26	5 28.52	+28 55.6	1.630	2.443	16.0	21.6

281098 2006 VV_{28} 12 22.2 72.°70 0.°2/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.88	+23 55.6	1.834	2.647	14.7	21.3
11 27	6 26.66	+23 39.6	1.778	2.672	11.0	21.1
12 7	6 18.02	+23 22.4	1.746	2.697	6.9	20.9
12 17	6 7.88	+23 3.3	1.741	2.721	2.4	20.6
12 27	5 57.44	+22 42.4	1.766	2.746	2.2	20.7
1 6	5 47.92	+22 20.9	1.820	2.770	6.4	21.0
1 16	5 40.30	+22 0.5	1.901	2.794	10.3	21.3
1 26	5 35.24	+21 43.0	2.006	2.818	13.4	21.5

7020 Yourcenar 12 22.2 124.°71 1.°4/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.32	+19 42.2	1.853	2.662	14.7	18.3
11 27	6 27.10	+19 36.7	1.785	2.676	11.2	18.1
12 7	6 18.42	+19 34.2	1.741	2.689	7.1	17.9
12 17	6 8.07	+19 33.8	1.723	2.702	2.8	17.6
12 27	5 57.23	+19 35.1	1.736	2.714	2.6	17.6
1 6	5 47.13	+19 37.9	1.777	2.726	6.7	17.9
1 16	5 38.84	+19 42.5	1.846	2.737	10.7	18.2
1 26	5 33.10	+19 49.6	1.939	2.747	14.0	18.4

330730 2008 RK_{103} 12 22.2 62.°36 5.°4/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.49	+ 8 45.6	2.177	2.969	13.4	20.5
11 27	6 21.57	+ 7 56.9	2.110	2.980	10.7	20.4
12 7	6 14.78	+ 7 17.3	2.067	2.992	7.9	20.2
12 17	6 6.77	+ 6 49.3	2.051	3.003	5.8	20.1
12 27	5 58.40	+ 6 34.9	2.063	3.015	5.7	20.1
1 6	5 50.57	+ 6 34.2	2.104	3.027	7.7	20.3
1 16	5 44.08	+ 6 46.2	2.172	3.038	10.4	20.5
1 26	5 39.52	+ 7 9.0	2.262	3.050	12.9	20.7

361231 2006 ST_{152} 12 22.2 31.°95 5.°0/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.49	+33 27.9	1.632	2.449	16.0	20.6
11 27	6 27.33	+34 24.2	1.566	2.456	12.5	20.4
12 7	6 19.00	+35 14.0	1.523	2.463	8.7	20.2
12 17	6 8.37	+35 51.2	1.505	2.471	5.5	20.0
12 27	5 56.94	+36 10.9	1.514	2.479	5.5	20.0
1 6	5 46.36	+36 12.6	1.550	2.488	8.6	20.2
1 16	5 38.04	+35 58.9	1.611	2.497	12.3	20.5
1 26	5 32.95	+35 35.3	1.695	2.506	15.6	20.7

454357 2014 MZ_{11} 12 22.2 140.°08 2.°2/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.34	+15 59.4	2.213	3.014	12.9	21.7
11 27	6 23.83	+16 2.4	2.136	3.021	9.9	21.5
12 7	6 16.28	+16 11.1	2.084	3.028	6.4	21.3
12 17	6 7.34	+16 25.1	2.060	3.034	3.1	21.1
12 27	5 57.90	+16 43.8	2.065	3.041	2.9	21.1
1 6	5 48.97	+17 6.3	2.101	3.046	6.1	21.3
1 16	5 41.42	+17 31.6	2.165	3.052	9.5	21.5
1 26	5 35.94	+17 59.2	2.253	3.057	12.4	21.7

463041 2011 HF_{31} 12 22.2 294.°06 7.°2/21.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.53	+ 4 0.5	2.248	3.025	13.5	21.2
11 27	6 21.05	+ 2 57.1	2.153	3.006	11.2	21.1
12 7	6 14.63	+ 2 4.0	2.082	2.987	9.0	20.9
12 17	6 6.80	+ 1 25.2	2.037	2.968	7.4	20.7
12 27	5 58.36	+ 1 3.8	2.019	2.949	7.5	20.7
1 6	5 50.22	+ 1 1.0	2.028	2.929	9.2	20.8
1 16	5 43.25	+ 1 16.2	2.063	2.910	11.7	20.9
1 26	5 38.16	+ 1 47.0	2.121	2.892	14.2	21.0

398420 2011 TW_2 12 22.2 128°.78 0°.3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.08	+26 1.9	2.103	2.906	13.4	21.0
11 27	6 27.42	+25 39.6	2.031	2.919	10.1	20.8
12 7	6 18.49	+25 13.7	1.984	2.932	6.4	20.6
12 17	6 8.08	+24 43.6	1.965	2.944	2.3	20.4
12 27	5 57.29	+24 9.5	1.976	2.956	2.0	20.4
1 6	5 47.27	+23 33.1	2.018	2.967	6.0	20.7
1 16	5 38.98	+22 56.9	2.089	2.978	9.7	20.9
1 26	5 33.09	+22 23.4	2.184	2.988	12.8	21.1

97613 2000 EK_{87} 12 22.2 292°.72 3°.5/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.07	+33 25.8	2.242	3.045	12.7	19.4
11 27	6 24.79	+33 47.9	2.152	3.034	9.9	19.2
12 7	6 17.10	+34 3.7	2.085	3.024	6.8	19.0
12 17	6 7.68	+34 9.9	2.045	3.014	4.0	18.8
12 27	5 57.57	+34 4.2	2.035	3.003	4.0	18.8
1 6	5 47.97	+33 46.6	2.054	2.993	6.7	18.9
1 16	5 39.94	+33 19.2	2.100	2.983	9.9	19.1
1 26	5 34.32	+32 45.8	2.170	2.973	12.9	19.3

145371 2005 MT_{44} 12 22.2 153°.80 3°.0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.21	+16 8.2	2.049	2.855	13.6	20.5
11 27	6 23.86	+15 35.2	1.971	2.858	10.5	20.3
12 7	6 16.36	+15 6.3	1.917	2.860	7.0	20.1
12 17	6 7.37	+14 42.8	1.889	2.862	3.7	19.9
12 27	5 57.89	+14 25.6	1.892	2.864	3.7	19.9
1 6	5 48.97	+14 15.6	1.923	2.865	6.9	20.1
1 16	5 41.54	+14 13.0	1.982	2.867	10.3	20.3
1 26	5 36.30	+14 17.4	2.065	2.868	13.4	20.5

519415 2011 UC_{113} 12 22.2 13°.87 6°.2/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.91	+33 55.0	1.604	2.419	16.3	20.7
11 27	6 28.77	+35 32.1	1.534	2.421	12.9	20.5
12 7	6 20.16	+37 5.1	1.487	2.423	9.3	20.3
12 17	6 8.88	+38 25.0	1.466	2.426	6.6	20.2
12 27	5 56.44	+39 24.3	1.472	2.429	6.8	20.2
1 6	5 44.67	+39 59.7	1.505	2.433	9.7	20.4
1 16	5 35.23	+40 13.1	1.563	2.437	13.3	20.6
1 26	5 29.29	+40 9.9	1.642	2.441	16.5	20.8

470988 2009 SG_{99} 12 22.2 40°.33 2°.1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.87	+19 35.4	1.107	1.952	20.1	20.7
11 27	6 27.13	+19 21.8	1.062	1.971	15.3	20.4
12 7	6 18.87	+19 13.7	1.035	1.990	9.7	20.2
12 17	6 8.28	+19 10.4	1.032	2.011	3.9	19.9
12 27	5 57.17	+19 11.5	1.054	2.033	3.6	20.0
1 6	5 47.38	+19 16.6	1.100	2.055	9.0	20.4
1 16	5 40.33	+19 25.8	1.170	2.078	14.0	20.7
1 26	5 36.82	+19 38.9	1.260	2.101	18.1	21.1

227829 2007 CQ_{38} 12 22.2 63°.85 4°.4/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.70	+13 0.2	1.387	2.208	18.1	20.5
11 27	6 26.50	+12 50.5	1.328	2.221	14.1	20.2
12 7	6 18.32	+12 52.5	1.290	2.234	9.5	20.0
12 17	6 8.11	+13 7.0	1.276	2.248	5.4	19.8
12 27	5 57.27	+13 33.3	1.289	2.261	5.0	19.8
1 6	5 47.35	+14 9.4	1.329	2.275	8.8	20.1
1 16	5 39.61	+14 52.6	1.393	2.289	13.1	20.4
1 26	5 34.91	+15 40.3	1.479	2.303	16.8	20.7

453963 2012 BK_{71} 12 22.2 276°.65 3°.2/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.11	+13 37.8	2.021	2.825	13.8	21.2
11 27	6 23.22	+13 39.5	1.933	2.818	10.7	21.0
12 7	6 16.09	+13 49.6	1.869	2.810	7.3	20.7
12 17	6 7.34	+14 8.2	1.831	2.803	4.0	20.5
12 27	5 57.91	+14 35.0	1.823	2.795	3.7	20.5
1 6	5 48.89	+15 8.6	1.843	2.787	6.9	20.7
1 16	5 41.28	+15 47.3	1.891	2.780	10.6	20.9
1 26	5 35.88	+16 29.7	1.963	2.772	13.8	21.1

300771 2007 VN_{257} 12 22.2 127°.83 4°.0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.45	+33 16.4	2.100	2.897	13.6	20.5
11 27	6 28.86	+34 3.8	2.031	2.909	10.6	20.3
12 7	6 19.63	+34 45.2	1.986	2.922	7.3	20.1
12 17	6 8.56	+35 15.7	1.968	2.934	4.5	20.0
12 27	5 56.87	+35 32.1	1.980	2.945	4.5	20.0
1 6	5 45.90	+35 33.7	2.022	2.956	7.2	20.2
1 16	5 36.79	+35 22.9	2.091	2.967	10.3	20.4
1 26	5 30.37	+35 3.7	2.184	2.977	13.1	20.6

311637 2006 QN_{167} 12 22.2 89°.33 0°.3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.82	+23 45.6	1.934	2.744	14.1	21.5
11 27	6 26.65	+23 57.8	1.874	2.765	10.6	21.3
12 7	6 18.09	+24 10.0	1.837	2.787	6.6	21.1
12 17	6 7.98	+24 20.1	1.829	2.808	2.3	20.9
12 27	5 57.46	+24 26.9	1.850	2.829	2.1	20.9
1 6	5 47.73	+24 30.0	1.900	2.850	6.3	21.3
1 16	5 39.79	+24 30.4	1.978	2.870	10.0	21.5
1 26	5 34.35	+24 29.7	2.081	2.890	13.1	21.8

481894 2009 AX_{39} 12 22.2 12°.68 1°.6/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.65	+28 13.3	1.336	2.172	17.8	20.6
11 27	6 26.18	+28 2.0	1.270	2.175	13.6	20.4
12 7	6 18.35	+27 45.0	1.225	2.178	8.7	20.1
12 17	6 8.17	+27 19.9	1.203	2.183	3.5	19.8
12 27	5 57.28	+26 46.3	1.208	2.188	3.1	19.8
1 6	5 47.42	+26 6.4	1.239	2.194	8.2	20.1
1 16	5 40.04	+25 24.6	1.295	2.201	13.1	20.4
1 26	5 36.04	+24 45.0	1.372	2.208	17.2	20.7

399776 2005 NM_{26} 12 22.2 179°.56 2°.5/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.43	+15 9.8	2.292	3.090	12.6	21.8
11 27	6 23.89	+15 8.8	2.209	3.091	9.7	21.6
12 7	6 16.34	+15 13.7	2.150	3.092	6.4	21.4
12 17	6 7.40	+15 24.4	2.119	3.092	3.3	21.2
12 27	5 57.93	+15 40.7	2.118	3.092	3.1	21.2
1 6	5 48.91	+16 1.6	2.148	3.091	6.1	21.4
1 16	5 41.19	+16 26.4	2.206	3.090	9.4	21.6
1 26	5 35.47	+16 54.2	2.288	3.089	12.4	21.8

516808 2010 LW_{60} 12 22.2 218°.29 6°.1/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.58	+ 5 42.3	1.965	2.749	14.9	21.9
11 27	6 24.31	+ 5 30.9	1.882	2.744	12.1	21.7
12 7	6 16.76	+ 5 33.8	1.820	2.740	9.1	21.5
12 17	6 7.59	+ 5 53.0	1.785	2.735	6.6	21.3
12 27	5 57.75	+ 6 29.0	1.778	2.730	6.4	21.3
1 6	5 48.35	+ 7 20.2	1.799	2.725	8.6	21.4
1 16	5 40.39	+ 8 23.4	1.847	2.719	11.6	21.6
1 26	5 34.68	+ 9 34.7	1.919	2.713	14.6	21.8

414680 2009 WW_{123} 12 22.2 322°.05 1°.3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.28	+20 31.7	2.073	2.888	13.2	21.0
11 27	6 22.56	+20 16.8	1.987	2.881	10.0	20.7
12 7	6 15.64	+20 3.4	1.925	2.875	6.4	20.5
12 17	6 7.18	+19 51.4	1.890	2.869	2.5	20.2
12 27	5 58.14	+19 40.9	1.884	2.863	2.4	20.2
1 6	5 49.58	+19 32.4	1.908	2.857	6.3	20.5
1 16	5 42.47	+19 26.5	1.958	2.852	10.0	20.7
1 26	5 37.55	+19 23.9	2.033	2.847	13.2	20.9

206491 2003 UW_{79} 12 22.3 9°.45 1°.1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.12	+19 33.1	1.456	2.287	16.9	19.6
11 27	6 24.75	+19 48.5	1.386	2.288	12.9	19.4
12 7	6 17.39	+20 9.9	1.336	2.290	8.2	19.1
12 17	6 7.86	+20 35.5	1.312	2.292	3.1	18.8
12 27	5 57.53	+21 3.1	1.315	2.295	2.8	18.8
1 6	5 47.92	+21 30.9	1.344	2.298	7.8	19.1
1 16	5 40.39	+21 58.1	1.399	2.302	12.5	19.4
1 26	5 35.87	+22 24.5	1.476	2.307	16.4	19.6

23472 Rolfriekher 12 22.3 81°.83 7°.1/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.33	+ 7 12.8	1.771	2.564	15.9	18.6
11 27	6 24.76	+ 6 4.4	1.714	2.581	12.8	18.4
12 7	6 16.91	+ 5 8.0	1.678	2.598	9.7	18.2
12 17	6 7.58	+ 4 27.8	1.669	2.615	7.4	18.1
12 27	5 57.86	+ 4 6.4	1.687	2.632	7.4	18.2
1 6	5 48.90	+ 4 4.3	1.732	2.648	9.5	18.3
1 16	5 41.65	+ 4 19.7	1.802	2.664	12.4	18.5
1 26	5 36.79	+ 4 49.3	1.895	2.681	15.1	18.8

153419 2001 QU_{175} 12 22.3 28°.02 0°.3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.50	+22 53.3	1.168	2.013	19.3	19.4
11 27	6 26.24	+22 50.7	1.112	2.022	14.6	19.2
12 7	6 18.45	+22 49.5	1.077	2.033	9.2	18.9
12 17	6 8.23	+22 48.0	1.064	2.045	3.2	18.6
12 27	5 57.29	+22 45.0	1.077	2.057	2.9	18.6
1 6	5 47.50	+22 40.7	1.115	2.071	8.7	19.0
1 16	5 40.35	+22 36.6	1.176	2.085	13.8	19.3
1 26	5 36.75	+22 34.5	1.258	2.100	18.0	19.6

209133 2003 SY_{236} 12 22.3 52°.73 3°.7/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.65	+30 52.5	1.527	2.349	16.7	20.8
11 27	6 28.16	+31 28.1	1.467	2.362	12.8	20.6
12 7	6 19.47	+31 58.2	1.429	2.375	8.5	20.3
12 17	6 8.56	+32 17.6	1.416	2.389	4.5	20.1
12 27	5 56.98	+32 22.8	1.430	2.403	4.4	20.2
1 6	5 46.41	+32 14.1	1.471	2.417	8.2	20.4
1 16	5 38.22	+31 54.7	1.538	2.431	12.2	20.7
1 26	5 33.29	+31 29.3	1.627	2.446	15.7	21.0

438503 2007 RX_{27} 12 22.3 107°.18 1°.2/22.4 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.58	+18 49.2	2.025	2.827	13.9	21.9
11 27	6 27.07	+19 2.6	1.964	2.850	10.5	21.7
12 7	6 18.31	+19 20.1	1.926	2.873	6.6	21.5
12 17	6 8.08	+19 40.0	1.917	2.895	2.6	21.3
12 27	5 57.44	+20 1.1	1.938	2.917	2.3	21.3
1 6	5 47.53	+20 22.3	1.989	2.938	6.2	21.6
1 16	5 39.29	+20 43.2	2.069	2.958	9.8	21.9
1 26	5 33.42	+21 3.9	2.174	2.977	12.8	22.1

24955 1997 SK_{10} 12 22.3 72°.11 1°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 28.60	+20 28.5	2.179	2.988	12.8	18.9
11 27	6 23.25	+20 22.4	2.113	3.004	9.6	18.7
12 7	6 15.90	+20 18.4	2.072	3.021	6.1	18.6
12 17	6 7.23	+20 15.7	2.059	3.037	2.3	18.3
12 27	5 58.20	+20 14.1	2.075	3.054	2.1	18.4
1 6	5 49.79	+20 13.7	2.121	3.070	5.8	18.6
1 16	5 42.83	+20 14.7	2.195	3.087	9.2	18.9
1 26	5 37.97	+20 17.7	2.294	3.103	12.1	19.1

126706 2002 CT_{240} 12 22.3 171°.93 3°.1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.51	+15 41.4	1.746	2.559	15.3	20.1
11 27	6 25.27	+15 25.2	1.669	2.559	11.8	19.9
12 7	6 17.47	+15 15.5	1.615	2.560	7.9	19.6
12 17	6 7.86	+15 12.7	1.587	2.560	4.0	19.4
12 27	5 57.60	+15 17.3	1.587	2.561	3.9	19.4
1 6	5 47.94	+15 28.8	1.615	2.561	7.6	19.6
1 16	5 40.03	+15 46.6	1.670	2.561	11.6	19.9
1 26	5 34.69	+16 9.7	1.748	2.561	15.1	20.1

248695 2006 KO_{109} 12 22.3 51°.91 8°.6/21.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.57	+45 9.6	2.115	2.885	14.4	19.9
11 27	6 31.24	+46 54.5	2.058	2.899	12.1	19.8
12 7	6 21.57	+48 26.4	2.024	2.913	10.0	19.7
12 17	6 9.39	+49 37.1	2.015	2.927	8.8	19.6
12 27	5 56.18	+50 20.4	2.034	2.941	8.9	19.7
1 6	5 43.67	+50 35.5	2.079	2.956	10.3	19.8
1 16	5 33.43	+50 25.7	2.149	2.971	12.3	20.0
1 26	5 26.53	+49 57.8	2.240	2.986	14.3	20.1

297515 2000 YW_{117} 12 22.3 298°.02 0°.9/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.08	+19 38.2	1.654	2.475	15.6	19.7
11 27	6 25.38	+19 59.2	1.566	2.464	12.0	19.5
12 7	6 17.81	+20 26.2	1.501	2.452	7.6	19.2
12 17	6 8.07	+20 57.3	1.461	2.441	2.9	18.9
12 27	5 57.36	+21 30.3	1.450	2.430	2.6	18.8
1 6	5 47.13	+22 2.9	1.466	2.419	7.5	19.1
1 16	5 38.69	+22 34.2	1.509	2.408	12.0	19.3
1 26	5 33.08	+23 4.1	1.575	2.397	16.0	19.6

119336 2001 SC_{145} 12 22.3 257°.65 4°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.80	+14 39.2	1.604	2.420	16.3	20.2
11 27	6 25.73	+14 3.1	1.524	2.415	12.7	20.0
12 7	6 17.89	+13 33.6	1.466	2.409	8.7	19.7
12 17	6 8.05	+13 12.5	1.433	2.404	5.0	19.5
12 27	5 57.43	+13 1.6	1.428	2.398	4.9	19.5
1 6	5 47.43	+13 1.3	1.450	2.393	8.6	19.7
1 16	5 39.29	+13 11.5	1.498	2.387	12.7	19.9
1 26	5 33.92	+13 30.9	1.567	2.381	16.5	20.1

455496 2003 UD_{366} 12 22.3 35°.79 2°.0/22.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.22	+28 1.1	1.899	2.717	14.1	21.2
11 27	6 24.22	+28 24.1	1.833	2.727	10.7	21.0
12 7	6 16.74	+28 44.2	1.790	2.739	6.9	20.8
12 17	6 7.59	+28 58.7	1.774	2.751	3.0	20.5
12 27	5 57.90	+29 5.4	1.786	2.763	2.9	20.6
1 6	5 48.92	+29 4.2	1.827	2.776	6.6	20.8
1 16	5 41.71	+28 56.6	1.895	2.789	10.2	21.1
1 26	5 37.02	+28 45.2	1.986	2.802	13.4	21.3

317383 2002 OK_{32} 12 22.3 135°.79 1°.3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.24	+21 30.6	1.676	2.489	15.8	21.6
11 27	6 28.84	+21 6.0	1.606	2.499	12.0	21.3
12 7	6 19.66	+20 41.9	1.559	2.509	7.6	21.1
12 17	6 8.61	+20 17.9	1.539	2.518	2.9	20.8
12 27	5 57.00	+19 54.6	1.548	2.527	2.7	20.9
1 6	5 46.27	+19 33.3	1.586	2.535	7.3	21.2
1 16	5 37.58	+19 15.6	1.650	2.543	11.6	21.4
1 26	5 31.76	+19 3.0	1.738	2.550	15.2	21.7

268668 2006 EZ_{71} 12 22.3 300°.48 0°.5/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.30	+24 45.8	2.168	2.981	12.7	21.2
11 27	6 23.34	+24 52.6	2.081	2.974	9.7	21.0
12 7	6 16.16	+24 58.8	2.018	2.968	6.1	20.8
12 17	6 7.41	+25 2.8	1.983	2.962	2.2	20.5
12 27	5 58.05	+25 3.4	1.977	2.957	2.0	20.5
1 6	5 49.15	+25 0.5	2.000	2.951	5.9	20.7
1 16	5 41.71	+24 55.0	2.052	2.945	9.6	20.9
1 26	5 36.47	+24 48.5	2.127	2.940	12.8	21.1

127148 2002 GT_{123} 12 22.3 171°.81 1°.0/22.3 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.45	+26 22.0	2.560	3.361	11.3	20.9
11 27	6 23.83	+26 32.7	2.477	3.364	8.6	20.7
12 7	6 16.28	+26 41.6	2.418	3.366	5.4	20.5
12 17	6 7.41	+26 47.2	2.389	3.367	2.1	20.3
12 27	5 58.07	+26 48.2	2.390	3.368	2.0	20.3
1 6	5 49.18	+26 44.5	2.422	3.369	5.3	20.5
1 16	5 41.58	+26 37.2	2.482	3.370	8.4	20.7
1 26	5 35.92	+26 27.8	2.569	3.370	11.1	20.9

68826 2002 GP_{82} 12 22.3 162°.57 2°.4/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.63	+15 4.1	2.633	3.427	11.3	20.4
11 27	6 22.28	+14 58.4	2.552	3.432	8.7	20.2
12 7	6 15.24	+14 57.6	2.495	3.436	5.7	20.0
12 17	6 7.04	+15 2.0	2.467	3.439	3.0	19.9
12 27	5 58.44	+15 11.3	2.470	3.443	2.9	19.8
1 6	5 50.23	+15 25.1	2.504	3.446	5.5	20.0
1 16	5 43.15	+15 42.9	2.566	3.448	8.4	20.2
1 26	5 37.78	+16 4.2	2.654	3.450	11.0	20.4

60499 2000 DN_{94} 12 22.3 178°.20 0°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.86	+22 34.0	1.943	2.756	14.0	19.6
11 27	6 25.44	+22 45.8	1.863	2.757	10.6	19.4
12 7	6 17.55	+22 59.1	1.807	2.757	6.7	19.2
12 17	6 7.92	+23 12.1	1.777	2.757	2.4	18.9
12 27	5 57.64	+23 23.3	1.777	2.757	2.1	18.9
1 6	5 47.92	+23 32.0	1.807	2.757	6.4	19.2
1 16	5 39.84	+23 38.6	1.863	2.757	10.4	19.4
1 26	5 34.24	+23 44.4	1.944	2.757	13.8	19.6

422536 2014 TG_{21} 12 22.3 10°.55 0°.4/22.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.45	+24 14.9	1.807	2.631	14.4	20.7
11 27	6 23.00	+24 22.1	1.734	2.633	10.9	20.5
12 7	6 16.07	+24 29.3	1.684	2.636	6.9	20.2
12 17	6 7.40	+24 34.7	1.660	2.640	2.4	20.0
12 27	5 58.13	+24 37.1	1.664	2.644	2.2	20.0
1 6	5 49.50	+24 36.3	1.696	2.649	6.6	20.3
1 16	5 42.59	+24 33.2	1.755	2.654	10.6	20.5
1 26	5 38.20	+24 29.5	1.837	2.660	14.0	20.7

347185 2011 GA_{45} 12 22.3 174°.23 1°.3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.82	+26 9.2	1.931	2.737	14.3	22.1
11 27	6 28.50	+26 28.8	1.851	2.740	10.9	21.9
12 7	6 19.51	+26 47.1	1.794	2.742	6.9	21.7
12 17	6 8.62	+27 1.0	1.766	2.744	2.7	21.4
12 27	5 57.03	+27 8.3	1.767	2.745	2.5	21.4
1 6	5 46.08	+27 8.6	1.797	2.746	6.7	21.7
1 16	5 36.95	+27 3.3	1.856	2.745	10.7	21.9
1 26	5 30.50	+26 55.1	1.938	2.744	14.1	22.1

460984 2014 WL_{336} 12 22.3 120°.02 0°.4/22.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.91	+19 50.7	2.468	3.270	11.7	20.7
11 27	6 23.45	+20 24.5	2.390	3.277	8.8	20.6
12 7	6 16.08	+21 2.1	2.336	3.284	5.6	20.4
12 17	6 7.37	+21 41.6	2.312	3.291	2.0	20.1
12 27	5 58.16	+22 20.9	2.318	3.298	1.8	20.1
1 6	5 49.36	+22 58.6	2.355	3.304	5.3	20.4
1 16	5 41.80	+23 33.6	2.422	3.311	8.5	20.6
1 26	5 36.14	+24 5.9	2.514	3.317	11.3	20.8

24138 Benjaminlu 12 22.3 189°.16 4°.1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.44	+14 1.5	1.674	2.483	16.0	19.1
11 27	6 26.83	+13 32.7	1.596	2.482	12.5	18.8
12 7	6 18.52	+13 11.3	1.540	2.482	8.5	18.6
12 17	6 8.29	+12 58.9	1.510	2.480	4.9	18.4
12 27	5 57.35	+12 56.5	1.509	2.479	4.8	18.4
1 6	5 47.04	+13 4.1	1.535	2.477	8.3	18.6
1 16	5 38.56	+13 21.0	1.588	2.475	12.3	18.8
1 26	5 32.80	+13 45.9	1.663	2.472	15.9	19.0

115033 2003 QC_{105} 12 22.3 33°.67 4°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.98	+30 13.5	1.113	1.956	20.2	19.4
11 27	6 29.42	+30 54.6	1.059	1.965	15.6	19.1
12 7	6 20.76	+31 30.2	1.023	1.975	10.3	18.9
12 17	6 9.16	+31 53.5	1.010	1.986	5.3	18.7
12 27	5 56.65	+31 59.4	1.022	1.997	5.1	18.7
1 6	5 45.46	+31 48.2	1.058	2.009	9.8	19.0
1 16	5 37.37	+31 24.5	1.117	2.022	14.8	19.3
1 26	5 33.40	+30 54.7	1.196	2.035	19.0	19.6

211379 Claytonwhitted 12 22.3 241°.02 4°.0/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.38	+32 28.4	1.957	2.763	14.2	20.6
11 27	6 27.71	+33 14.0	1.872	2.757	11.0	20.4
12 7	6 19.20	+33 55.0	1.811	2.751	7.6	20.1
12 17	6 8.59	+34 26.2	1.776	2.744	4.6	19.9
12 27	5 57.09	+34 43.7	1.770	2.738	4.6	19.9
1 6	5 46.14	+34 46.4	1.793	2.731	7.6	20.1
1 16	5 37.03	+34 36.3	1.843	2.725	11.2	20.3
1 26	5 30.75	+34 17.2	1.916	2.718	14.4	20.5

12870 Rolandmeier 12 22.3 173°.07 0°.3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.90	+25 12.3	2.214	3.017	12.8	18.8
11 27	6 26.64	+25 3.6	2.132	3.020	9.7	18.6
12 7	6 18.14	+24 52.7	2.074	3.022	6.1	18.4
12 17	6 8.12	+24 38.4	2.045	3.024	2.2	18.1
12 27	5 57.58	+24 20.3	2.046	3.026	2.0	18.1
1 6	5 47.63	+23 59.2	2.078	3.026	5.9	18.4
1 16	5 39.25	+23 36.9	2.138	3.027	9.5	18.6
1 26	5 33.15	+23 15.4	2.223	3.026	12.6	18.8

87272 2000 PL_4 12 22.3 89°.76 0°.9/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.24	+25 48.5	1.999	2.810	13.7	19.5
11 27	6 25.56	+25 54.0	1.930	2.822	10.4	19.3
12 7	6 17.52	+25 57.7	1.884	2.834	6.5	19.1
12 17	6 7.90	+25 57.7	1.866	2.845	2.4	18.9
12 27	5 57.79	+25 52.9	1.877	2.857	2.2	18.9
1 6	5 48.38	+25 43.6	1.918	2.868	6.2	19.2
1 16	5 40.68	+25 31.4	1.986	2.879	9.9	19.4
1 26	5 35.41	+25 18.3	2.079	2.890	13.1	19.7

517106 2013 EC_{113} 12 22.3 0°.98 14°.1/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.96	− 8 36.5	1.573	2.322	19.4	21.1
11 27	6 22.00	−10 6.1	1.513	2.321	17.4	20.9
12 7	6 15.52	−11 9.5	1.471	2.320	15.5	20.8
12 17	6 7.26	−11 38.7	1.448	2.320	14.3	20.7
12 27	5 58.36	−11 29.0	1.448	2.321	14.2	20.7
1 6	5 50.06	−10 41.1	1.468	2.322	15.2	20.8
1 16	5 43.48	− 9 20.0	1.510	2.324	17.0	20.9
1 26	5 39.44	− 7 34.0	1.571	2.326	19.0	21.1

520623 2014 OD_{414} 12 22.3 143°.44 1°.3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.72	+27 12.7	2.512	3.312	11.6	22.1
11 27	6 24.81	+27 30.3	2.435	3.320	8.8	21.9
12 7	6 16.92	+27 45.7	2.383	3.329	5.6	21.7
12 17	6 7.69	+27 56.9	2.360	3.337	2.3	21.5
12 27	5 58.00	+28 2.4	2.367	3.345	2.2	21.5
1 6	5 48.82	+28 2.0	2.406	3.352	5.4	21.8
1 16	5 41.01	+27 56.9	2.473	3.359	8.5	22.0
1 26	5 35.21	+27 48.7	2.566	3.365	11.2	22.2

281144 2007 DS_{37} 12 22.3 297°.11 0°.6/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.16	+22 16.0	1.467	2.296	16.9	21.1
11 27	6 26.58	+22 12.7	1.381	2.282	13.0	20.9
12 7	6 18.77	+22 10.9	1.315	2.269	8.3	20.5
12 17	6 8.52	+22 9.3	1.275	2.255	3.0	20.2
12 27	5 57.19	+22 6.8	1.261	2.241	2.7	20.1
1 6	5 46.45	+22 3.2	1.275	2.228	8.2	20.4
1 16	5 37.80	+21 59.8	1.313	2.215	13.2	20.7
1 26	5 32.37	+21 58.3	1.373	2.202	17.5	20.9

237665 2001 SV_{230} 12 22.3 228°.41 8°.3/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.84	+52 12.0	2.907	3.628	11.9	20.3
11 27	6 31.86	+53 28.2	2.826	3.621	10.5	20.2
12 7	6 21.86	+54 31.1	2.767	3.613	9.2	20.1
12 17	6 9.57	+55 14.4	2.735	3.604	8.4	20.0
12 27	5 56.23	+55 33.5	2.728	3.596	8.5	20.0
1 6	5 43.38	+55 27.6	2.748	3.587	9.4	20.1
1 16	5 32.41	+54 59.4	2.793	3.578	10.8	20.2
1 26	5 24.38	+54 14.3	2.860	3.569	12.3	20.3

123509 2000 WK_{183} 12 22.3 334°.85 0°.0/22.3 08 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 5.43	+21 26.1	41.791	42.589	0.8	23.0
11 27	6 4.71	+21 25.9	41.702	42.589	0.6	23.0
12 7	6 3.90	+21 25.8	41.641	42.589	0.4	22.9
12 17	6 3.04	+21 25.8	41.609	42.588	0.1	22.9
12 27	6 2.17	+21 25.8	41.608	42.588	0.1	22.9
1 6	6 1.31	+21 25.9	41.638	42.587	0.4	22.9
1 16	6 0.50	+21 26.1	41.698	42.587	0.6	23.0
1 26	5 59.77	+21 26.4	41.786	42.586	0.8	23.0

324096 2005 WT_{153} 12 22.3 23°.70 0°.4/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.71	+21 57.1	1.816	2.634	14.6	20.2
11 27	6 24.78	+22 38.4	1.742	2.638	11.0	20.0
12 7	6 17.26	+23 23.7	1.690	2.642	6.9	19.8
12 17	6 7.89	+24 9.8	1.666	2.646	2.5	19.5
12 27	5 57.80	+24 53.6	1.670	2.650	2.3	19.5
1 6	5 48.28	+25 32.5	1.704	2.655	6.7	19.8
1 16	5 40.47	+26 5.8	1.764	2.660	10.7	20.0
1 26	5 35.24	+26 34.2	1.848	2.666	14.2	20.3

420179 2011 GK_{42} 12 22.3 322°.94 1°.7/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.28	+19 41.4	2.245	3.054	12.4	20.7
11 27	6 22.38	+19 14.1	2.160	3.050	9.5	20.5
12 7	6 15.49	+18 48.0	2.099	3.047	6.1	20.3
12 17	6 7.22	+18 23.7	2.066	3.044	2.6	20.1
12 27	5 58.45	+18 2.0	2.063	3.040	2.5	20.1
1 6	5 50.17	+17 43.6	2.090	3.037	6.0	20.3
1 16	5 43.22	+17 29.5	2.144	3.034	9.4	20.5
1 26	5 38.29	+17 20.4	2.223	3.031	12.4	20.7

128121 2003 QA_{35} 12 22.3 34°.18 0°.5/22.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.35	+24 36.4	2.283	3.096	12.1	19.2
11 27	6 21.56	+24 43.2	2.224	3.117	9.1	19.0
12 7	6 14.87	+24 49.4	2.189	3.139	5.7	18.8
12 17	6 6.96	+24 53.5	2.182	3.161	2.0	18.6
12 27	5 58.72	+24 54.9	2.204	3.184	1.8	18.7
1 6	5 51.09	+24 53.6	2.256	3.207	5.3	18.9
1 16	5 44.86	+24 50.3	2.337	3.231	8.6	19.2
1 26	5 40.61	+24 46.2	2.442	3.255	11.3	19.4

435851 2008 WS_{132} 12 22.3 35°.32 10°.9/24.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.76	+ 0 15.1	1.096	1.906	22.6	19.8
11 27	6 25.21	− 0 18.9	1.064	1.934	18.7	19.6
12 7	6 17.54	− 0 23.0	1.050	1.963	14.8	19.5
12 17	6 7.92	+ 0 6.6	1.056	1.994	11.7	19.4
12 27	5 57.95	+ 1 8.9	1.084	2.026	10.9	19.5
1 6	5 49.25	+ 2 37.5	1.136	2.059	12.8	19.7
1 16	5 43.01	+ 4 23.1	1.210	2.092	15.7	20.0
1 26	5 39.96	+ 6 16.5	1.304	2.126	18.8	20.3

157175 2004 PU_{58} 12 22.3 170°.21 1°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.29	+20 36.2	2.031	2.835	13.8	21.3
11 27	6 27.09	+20 31.9	1.951	2.839	10.5	21.1
12 7	6 18.52	+20 29.6	1.895	2.843	6.6	20.9
12 17	6 8.30	+20 28.3	1.867	2.845	2.5	20.6
12 27	5 57.50	+20 27.4	1.869	2.848	2.3	20.6
1 6	5 47.28	+20 27.0	1.901	2.849	6.4	20.9
1 16	5 38.70	+20 27.6	1.961	2.850	10.2	21.1
1 26	5 32.51	+20 30.1	2.045	2.850	13.5	21.3

485372 2011 ED_{14} 12 22.3 225°.56 8°.3/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.86	− 8 42.1	3.163	3.859	11.5	22.3
11 27	6 20.02	− 9 32.9	3.077	3.849	10.2	22.2
12 7	6 13.79	−10 9.4	3.013	3.837	9.1	22.1
12 17	6 6.59	−10 28.3	2.974	3.826	8.4	22.1
12 27	5 59.00	−10 27.5	2.961	3.813	8.4	22.0
1 6	5 51.66	−10 6.9	2.974	3.801	9.1	22.1
1 16	5 45.15	− 9 27.9	3.012	3.788	10.3	22.1
1 26	5 39.99	− 8 33.6	3.073	3.774	11.6	22.2

331726 2002 TU_{90} 12 22.3 78°.75 4°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.89	+13 53.5	1.440	2.254	17.9	20.5
11 27	6 28.59	+13 2.2	1.391	2.279	13.9	20.3
12 7	6 19.48	+12 19.5	1.363	2.304	9.4	20.1
12 17	6 8.59	+11 47.9	1.360	2.328	5.7	20.0
12 27	5 57.35	+11 29.4	1.385	2.352	5.5	20.0
1 6	5 47.21	+11 24.4	1.437	2.376	9.0	20.3
1 16	5 39.31	+11 32.0	1.514	2.400	12.9	20.6
1 26	5 34.37	+11 50.1	1.613	2.423	16.3	20.8

108758 2001 OB_{46} 12 22.3 96°.00 0°.6/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.94	+24 35.2	1.624	2.440	16.2	20.1
11 27	6 29.46	+24 43.6	1.566	2.460	12.2	19.9
12 7	6 20.10	+24 51.3	1.530	2.480	7.6	19.6
12 17	6 8.84	+24 55.6	1.520	2.500	2.7	19.4
12 27	5 57.09	+24 55.0	1.539	2.519	2.4	19.4
1 6	5 46.34	+24 49.9	1.587	2.538	7.2	19.7
1 16	5 37.78	+24 41.8	1.661	2.556	11.4	20.0
1 26	5 32.21	+24 33.4	1.759	2.574	14.9	20.3

378016 2006 SS_{161} 12 22.3 27°.19 4°.8/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.34	+31 14.4	1.117	1.960	20.1	20.9
11 27	6 29.02	+31 59.4	1.062	1.968	15.6	20.7
12 7	6 20.57	+32 38.0	1.026	1.976	10.5	20.4
12 17	6 9.16	+33 2.8	1.012	1.986	5.8	20.2
12 27	5 56.79	+33 8.6	1.022	1.996	5.6	20.2
1 6	5 45.72	+32 55.6	1.057	2.007	10.0	20.5
1 16	5 37.75	+32 28.6	1.115	2.019	14.9	20.8
1 26	5 33.91	+31 54.6	1.192	2.032	19.0	21.1

461649 2005 GN 12 22.3 327°.21 10°.2/18.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.44	+41 55.1	1.748	2.542	16.1	20.9
11 27	6 30.94	+44 22.3	1.655	2.515	13.6	20.7
12 7	6 22.37	+46 45.8	1.586	2.489	11.4	20.5
12 17	6 10.12	+48 53.4	1.541	2.463	10.2	20.4
12 27	5 55.56	+50 32.6	1.524	2.438	10.8	20.3
1 6	5 40.83	+51 36.7	1.532	2.413	13.0	20.4
1 16	5 28.27	+52 6.0	1.563	2.390	15.8	20.5
1 26	5 19.81	+52 7.4	1.613	2.368	18.6	20.7

413329 2003 WT_{96} 12 22.3 76°.31 7°.4/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.45	+42 40.4	2.278	3.046	13.6	20.8
11 27	6 32.30	+44 25.1	2.224	3.069	11.2	20.7
12 7	6 22.10	+45 58.6	2.195	3.092	9.0	20.6
12 17	6 9.66	+47 13.0	2.193	3.115	7.6	20.5
12 27	5 56.32	+48 2.9	2.220	3.137	7.7	20.6
1 6	5 43.65	+48 27.2	2.275	3.160	9.2	20.7
1 16	5 33.03	+48 28.8	2.356	3.182	11.2	20.9
1 26	5 25.45	+48 13.7	2.459	3.204	13.2	21.1

153492 2001 RJ_{93} 12 22.3 47°.68 4°.7/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.86	+31 45.1	1.389	2.214	17.9	19.3
11 27	6 29.58	+32 40.1	1.328	2.223	13.8	19.0
12 7	6 20.69	+33 29.5	1.288	2.233	9.4	18.8
12 17	6 9.19	+34 6.4	1.272	2.242	5.5	18.6
12 27	5 56.80	+34 25.4	1.282	2.252	5.4	18.6
1 6	5 45.45	+34 25.7	1.319	2.263	9.2	18.9
1 16	5 36.75	+34 11.0	1.381	2.273	13.4	19.2
1 26	5 31.70	+33 47.0	1.463	2.284	17.1	19.4

389388 2009 WH_{183} 12 22.3 305.°85 2.°3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.73	+18 56.5	1.410	2.241	17.3	21.8
11 27	6 25.62	+18 40.1	1.320	2.222	13.4	21.5
12 7	6 18.28	+18 27.8	1.251	2.203	8.8	21.2
12 17	6 8.42	+18 20.0	1.206	2.184	3.8	20.9
12 27	5 57.39	+18 16.9	1.188	2.166	3.6	20.8
1 6	5 46.86	+18 18.5	1.195	2.148	8.7	21.0
1 16	5 38.37	+18 25.4	1.227	2.130	13.9	21.3
1 26	5 33.11	+18 37.8	1.280	2.113	18.4	21.5

335845 2007 MP_{16} 12 22.3 351.°74 1.°7/22.6 18

11 17	6 32.05	+16 13.7	1.529	2.348	16.8	20.3
11 27	6 26.99	+16 54.8	1.452	2.347	12.9	20.0
12 7	6 18.92	+17 47.2	1.397	2.346	8.3	19.8
12 17	6 8.59	+18 48.3	1.368	2.346	3.4	19.5
12 27	5 57.30	+19 54.4	1.366	2.345	2.9	19.4
1 6	5 46.59	+21 0.9	1.393	2.345	7.8	19.7
1 16	5 37.86	+22 5.0	1.446	2.345	12.5	20.0
1 26	5 32.14	+23 4.9	1.522	2.345	16.4	20.2

414732 2009 YS_{23} 12 22.3 334.°08 1.°5/22.6 18

11 17	6 27.68	+16 35.5	1.920	2.734	14.1	20.0
11 27	6 23.20	+17 11.7	1.832	2.724	10.8	19.8
12 7	6 16.31	+17 56.7	1.767	2.715	7.0	19.5
12 17	6 7.63	+18 48.8	1.729	2.707	2.9	19.3
12 27	5 58.15	+19 45.4	1.720	2.699	2.5	19.2
1 6	5 49.04	+20 43.6	1.740	2.691	6.6	19.5
1 16	5 41.40	+21 40.8	1.788	2.684	10.6	19.7
1 26	5 36.10	+22 35.6	1.860	2.678	14.1	19.9

398587 2011 WR_{66} 12 22.3 62.°62 1.°6/22.1 18

11 17	6 32.34	+24 50.8	1.712	2.531	15.3	20.5
11 27	6 26.90	+25 37.8	1.646	2.542	11.6	20.3
12 7	6 18.65	+26 26.1	1.602	2.553	7.4	20.1
12 17	6 8.43	+27 11.4	1.585	2.564	2.9	19.8
12 27	5 57.50	+27 50.0	1.597	2.576	2.8	19.9
1 6	5 47.30	+28 19.9	1.638	2.587	7.1	20.2
1 16	5 39.04	+28 41.2	1.705	2.599	11.2	20.4
1 26	5 33.63	+28 56.0	1.795	2.610	14.6	20.7

154607 2003 QJ_{57} 12 22.3 106.°72 2.°8/22.6 18

11 17	6 27.98	+13 56.0	2.257	3.056	12.7	19.8
11 27	6 22.86	+14 1.5	2.180	3.062	9.8	19.7
12 7	6 15.78	+14 14.4	2.127	3.068	6.6	19.5
12 17	6 7.37	+14 34.3	2.102	3.073	3.5	19.3
12 27	5 58.46	+15 0.8	2.106	3.079	3.2	19.3
1 6	5 50.02	+15 32.4	2.141	3.085	6.1	19.5
1 16	5 42.87	+16 7.8	2.203	3.090	9.4	19.7
1 26	5 37.69	+16 45.9	2.291	3.095	12.2	19.9

187071 2005 MK_{53} 12 22.3 82.°08 2.°0/22.3 18

11 17	6 36.96	+27 3.9	1.478	2.298	17.3	20.6
11 27	6 30.56	+27 32.0	1.424	2.319	13.1	20.4
12 7	6 20.96	+27 57.6	1.391	2.341	8.3	20.1
12 17	6 9.21	+28 16.3	1.384	2.362	3.5	19.9
12 27	5 56.91	+28 25.2	1.405	2.383	3.2	19.9
1 6	5 45.73	+28 24.2	1.454	2.404	7.8	20.3
1 16	5 37.02	+28 16.0	1.529	2.424	12.1	20.6
1 26	5 31.61	+28 4.1	1.626	2.445	15.8	20.9

180422 2004 BO_{75} 12 22.3 0.°67 6.°3/21.6 18

11 17	6 27.79	+12 44.6	1.449	2.274	17.3	19.5
11 27	6 23.60	+11 23.8	1.380	2.272	13.7	19.3
12 7	6 16.64	+10 9.6	1.332	2.271	9.8	19.0
12 17	6 7.73	+ 9 7.1	1.308	2.271	6.8	18.9
12 27	5 58.17	+ 8 21.0	1.310	2.271	6.9	18.9
1 6	5 49.35	+ 7 53.7	1.338	2.273	10.1	19.1
1 16	5 42.48	+ 7 45.5	1.390	2.275	13.9	19.3
1 26	5 38.41	+ 7 54.2	1.463	2.278	17.4	19.5

216684 2004 GF_{5} 12 22.3 139.°04 0.°1/22.3 18

11 17	6 31.09	+22 21.4	2.428	3.228	11.9	20.7
11 27	6 25.12	+22 43.6	2.352	3.239	9.0	20.5
12 7	6 17.16	+23 7.2	2.302	3.250	5.6	20.3
12 17	6 7.85	+23 30.4	2.280	3.260	2.0	20.1
12 27	5 58.06	+23 51.6	2.290	3.270	1.8	20.1
1 6	5 48.77	+24 9.8	2.330	3.279	5.4	20.4
1 16	5 40.82	+24 25.1	2.400	3.288	8.6	20.6
1 26	5 34.89	+24 38.2	2.495	3.296	11.5	20.8

337457 2001 RM_{97} 12 22.3 141.°66 3.°8/22.4 18

11 17	6 37.18	+32 38.7	1.780	2.585	15.4	21.8
11 27	6 30.61	+33 6.0	1.709	2.593	11.9	21.6
12 7	6 20.99	+33 26.3	1.660	2.601	8.1	21.3
12 17	6 9.26	+33 34.7	1.638	2.608	4.6	21.1
12 27	5 56.83	+33 28.3	1.644	2.615	4.4	21.2
1 6	5 45.29	+33 7.6	1.679	2.621	7.7	21.4
1 16	5 35.95	+32 36.2	1.741	2.627	11.5	21.6
1 26	5 29.70	+31 59.2	1.827	2.632	14.8	21.8

128826 2004 RP_{310} 12 22.3 137.°33 0.°4/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.91	+22 23.6	1.967	2.773	14.1	21.4
11 27	6 27.58	+22 22.9	1.895	2.785	10.7	21.2
12 7	6 18.83	+22 22.9	1.847	2.796	6.7	21.0
12 17	6 8.45	+22 22.1	1.827	2.807	2.4	20.7
12 27	5 57.55	+22 19.9	1.837	2.817	2.1	20.7
1 6	5 47.36	+22 16.2	1.877	2.826	6.4	21.0
1 16	5 38.91	+22 12.1	1.944	2.835	10.2	21.3
1 26	5 32.94	+22 9.0	2.036	2.843	13.5	21.5

176274 2001 RM_{129} 12 22.3 131.°35 0.°5/22.3 18

11 17	6 30.47	+21 39.6	2.016	2.826	13.6	21.1
11 27	6 25.04	+21 45.7	1.939	2.831	10.3	20.9
12 7	6 17.29	+21 53.6	1.885	2.835	6.5	20.6
12 17	6 7.93	+22 2.0	1.860	2.839	2.3	20.4
12 27	5 57.99	+22 9.7	1.863	2.843	2.1	20.4
1 6	5 48.63	+22 16.4	1.896	2.847	6.2	20.6
1 16	5 40.86	+22 22.4	1.957	2.851	10.0	20.9
1 26	5 35.42	+22 28.5	2.042	2.854	13.3	21.1

407273 2010 DU_{73} 12 22.3 16.°06 6.°0/23.3 16

11 17	6 29.63	+37 50.8	1.165	2.003	19.8	19.3
11 27	6 25.85	+37 46.2	1.121	2.019	15.6	19.1
12 7	6 18.26	+37 24.1	1.096	2.039	11.0	18.9
12 17	6 8.26	+36 40.4	1.093	2.060	7.0	18.8
12 27	5 57.86	+35 35.1	1.115	2.084	6.3	18.8
1 6	5 49.04	+34 14.0	1.161	2.109	9.5	19.1
1 16	5 43.18	+32 45.8	1.231	2.136	13.6	19.4
1 26	5 40.98	+31 18.6	1.322	2.165	17.2	19.7

270795 2002 RX_{231} 12 22.3 95.°28 4.°2/22.4 17

11 17	6 26.70	+10 32.2	2.428	3.218	12.2	20.8
11 27	6 21.66	+10 2.1	2.357	3.229	9.6	20.6
12 7	6 14.92	+ 9 39.6	2.311	3.241	6.8	20.5
12 17	6 7.04	+ 9 26.2	2.293	3.252	4.6	20.4
12 27	5 58.81	+ 9 22.7	2.304	3.263	4.5	20.4
1 6	5 51.05	+ 9 29.2	2.344	3.274	6.6	20.5
1 16	5 44.50	+ 9 44.8	2.412	3.285	9.2	20.7
1 26	5 39.71	+10 7.9	2.505	3.296	11.7	20.9

417421 2006 KF_{37} 12 22.3 186.°75 0.°1/22.3 18

11 17	6 29.14	+21 26.6	2.534	3.335	11.4	20.6
11 27	6 23.71	+22 5.6	2.448	3.335	8.7	20.5
12 7	6 16.35	+22 47.7	2.387	3.335	5.4	20.2
12 17	6 7.60	+23 30.7	2.355	3.334	1.9	20.0
12 27	5 58.27	+24 12.3	2.354	3.334	1.7	20.0
1 6	5 49.28	+24 50.8	2.384	3.333	5.3	20.2
1 16	5 41.49	+25 25.4	2.443	3.332	8.5	20.4
1 26	5 35.58	+25 56.3	2.529	3.330	11.3	20.6

159993 2006 DX_{114} 12 22.3 75.°53 0.°2/22.3 18

11 17	6 29.42	+23 25.7	2.221	3.030	12.6	20.6
11 27	6 23.96	+23 35.7	2.156	3.047	9.5	20.4
12 7	6 16.45	+23 45.9	2.115	3.064	5.9	20.2
12 17	6 7.59	+23 54.9	2.101	3.081	2.1	20.0
12 27	5 58.34	+24 1.6	2.118	3.098	1.8	20.0
1 6	5 49.70	+24 5.7	2.165	3.115	5.6	20.3
1 16	5 42.53	+24 7.8	2.240	3.132	9.0	20.5
1 26	5 37.48	+24 9.1	2.340	3.149	11.9	20.8

452089 2014 PA_{45} 12 22.3 135.°24 2.°0/22.4 18

11 17	6 29.76	+16 58.0	2.274	3.074	12.6	21.7
11 27	6 24.16	+16 57.1	2.199	3.084	9.6	21.5
12 7	6 16.58	+17 0.7	2.148	3.093	6.2	21.3
12 17	6 7.65	+17 8.6	2.126	3.101	2.9	21.1
12 27	5 58.27	+17 20.3	2.133	3.109	2.7	21.1
1 6	5 49.40	+17 35.2	2.171	3.117	5.9	21.3
1 16	5 41.89	+17 52.7	2.238	3.125	9.2	21.5
1 26	5 36.41	+18 12.6	2.329	3.132	12.1	21.7

83504 2001 SF_{123} 12 22.3 70.°87 0.°3/22.3 18

11 17	6 31.18	+24 50.1	1.847	2.663	14.5	19.3
11 27	6 25.74	+24 44.3	1.775	2.670	11.0	19.1
12 7	6 17.78	+24 36.9	1.726	2.677	6.9	18.8
12 17	6 8.11	+24 26.7	1.704	2.684	2.5	18.6
12 27	5 57.89	+24 13.0	1.711	2.691	2.2	18.6
1 6	5 48.40	+23 56.5	1.747	2.698	6.6	18.9
1 16	5 40.71	+23 39.0	1.810	2.706	10.5	19.1
1 26	5 35.59	+23 22.6	1.897	2.713	13.9	19.4

182570 2001 TG_{151} 12 22.3 67.°75 1.°5/22.4 18

11 17	6 29.85	+18 40.5	1.856	2.670	14.5	20.4
11 27	6 24.67	+18 46.4	1.786	2.679	11.0	20.2
12 7	6 17.09	+18 57.0	1.740	2.689	7.0	20.0
12 17	6 7.87	+19 11.2	1.720	2.698	2.9	19.7
12 27	5 58.10	+19 28.1	1.729	2.708	2.6	19.7
1 6	5 48.97	+19 46.6	1.767	2.718	6.6	20.0
1 16	5 41.51	+20 6.2	1.832	2.727	10.5	20.3
1 26	5 36.48	+20 26.9	1.921	2.737	13.8	20.5

40868 1999 TM_{118} 12 22.3 88.°95 1.°2/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 35.84	+26 36.0	1.824	2.632	14.9	19.1
11 27	6 29.08	+26 43.6	1.769	2.659	11.3	19.0
12 7	6 19.73	+26 48.4	1.737	2.685	7.1	18.8
12 17	6 8.74	+26 47.9	1.732	2.710	2.7	18.5
12 27	5 57.40	+26 40.9	1.757	2.736	2.4	18.6
1 6	5 47.01	+26 28.1	1.811	2.760	6.6	18.9
1 16	5 38.66	+26 11.7	1.893	2.784	10.4	19.2
1 26	5 33.03	+25 54.5	1.999	2.808	13.6	19.4

369651 2011 FT_{24} 12 22.3 284.°47 5.°3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.85	+ 7 56.8	2.327	3.114	12.8	21.2
11 27	6 21.23	+ 7 21.1	2.243	3.109	10.3	21.0
12 7	6 14.78	+ 6 54.6	2.182	3.104	7.6	20.8
12 17	6 7.04	+ 6 39.6	2.147	3.098	5.6	20.7
12 27	5 58.82	+ 6 37.4	2.142	3.093	5.6	20.7
1 6	5 50.97	+ 6 48.3	2.164	3.087	7.5	20.8
1 16	5 44.30	+ 7 11.1	2.214	3.082	10.2	20.9
1 26	5 39.45	+ 7 43.8	2.288	3.077	12.7	21.1

279132 2009 QE_{45} 12 22.3 81.°53 3.°9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.46	+30 42.5	1.436	2.254	17.8	20.8
11 27	6 31.95	+31 27.9	1.383	2.276	13.6	20.6
12 7	6 21.97	+32 7.6	1.351	2.297	9.0	20.4
12 17	6 9.62	+32 35.3	1.345	2.318	4.8	20.2
12 27	5 56.64	+32 46.9	1.366	2.338	4.7	20.2
1 6	5 44.86	+32 42.4	1.414	2.359	8.6	20.5
1 16	5 35.77	+32 25.7	1.487	2.379	12.7	20.8
1 26	5 30.24	+32 2.3	1.583	2.398	16.3	21.1

184597 2005 QL_{148} 12 22.3 113.°27 2.°2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.38	+27 31.4	1.735	2.543	15.6	20.8
11 27	6 30.59	+28 4.9	1.673	2.562	11.8	20.6
12 7	6 20.89	+28 36.0	1.633	2.580	7.6	20.4
12 17	6 9.22	+29 0.3	1.621	2.598	3.3	20.1
12 27	5 56.96	+29 14.8	1.638	2.615	3.1	20.2
1 6	5 45.61	+29 19.1	1.685	2.632	7.2	20.5
1 16	5 36.42	+29 15.1	1.758	2.647	11.2	20.7
1 26	5 30.22	+29 6.3	1.855	2.663	14.6	21.0

332651 2008 UF_{214} 12 22.3 127.°03 2.°4/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.93	+16 45.1	2.600	3.397	11.3	21.0
11 27	6 22.51	+16 10.5	2.524	3.406	8.7	20.9
12 7	6 15.42	+15 38.6	2.473	3.415	5.7	20.7
12 17	6 7.23	+15 10.5	2.451	3.423	3.0	20.5
12 27	5 58.72	+14 47.0	2.460	3.432	3.0	20.5
1 6	5 50.67	+14 29.1	2.499	3.440	5.6	20.7
1 16	5 43.81	+14 17.1	2.567	3.448	8.4	20.9
1 26	5 38.69	+14 11.1	2.660	3.455	11.0	21.1

166692 2002 TE_{148} 12 22.3 230.°78 4.°5/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.24	+13 0.1	2.032	2.831	14.0	20.5
11 27	6 24.81	+12 7.2	1.945	2.824	11.0	20.3
12 7	6 17.16	+11 19.4	1.881	2.816	7.7	20.1
12 17	6 7.92	+10 39.2	1.844	2.808	5.0	19.9
12 27	5 58.08	+10 9.1	1.836	2.799	5.0	19.9
1 6	5 48.71	+ 9 50.5	1.858	2.791	7.8	20.0
1 16	5 40.80	+ 9 43.9	1.906	2.782	11.2	20.2
1 26	5 35.10	+ 9 48.3	1.978	2.772	14.3	20.4

211414 2002 VY_{111} 12 22.3 129.°46 4.°2/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.55	+33 48.0	2.194	2.988	13.2	20.7
11 27	6 28.99	+34 42.6	2.124	3.000	10.3	20.5
12 7	6 19.84	+35 31.3	2.079	3.013	7.2	20.3
12 17	6 8.88	+36 9.2	2.061	3.024	4.6	20.2
12 27	5 57.27	+36 32.6	2.073	3.035	4.6	20.2
1 6	5 46.30	+36 40.7	2.115	3.046	7.1	20.4
1 16	5 37.11	+36 35.5	2.184	3.057	10.1	20.6
1 26	5 30.53	+36 20.9	2.278	3.066	12.8	20.8

413181 2002 RX_{73} 12 22.3 115.°25 8.°5/23.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.05	− 6 15.2	2.663	3.382	13.0	21.5
11 27	6 21.04	− 6 58.7	2.599	3.394	11.3	21.4
12 7	6 14.49	− 7 25.8	2.558	3.406	9.7	21.3
12 17	6 6.92	− 7 33.3	2.541	3.418	8.7	21.3
12 27	5 59.03	− 7 19.7	2.551	3.429	8.6	21.3
1 6	5 51.57	− 6 45.7	2.587	3.441	9.4	21.4
1 16	5 45.17	− 5 53.9	2.648	3.452	10.8	21.5
1 26	5 40.36	− 4 48.2	2.732	3.462	12.3	21.6

79440 1997 TM_{24} 12 22.3 39.°40 7.°8/23.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.00	+ 3 57.0	1.598	2.393	17.3	18.7
11 27	6 23.41	+ 3 27.9	1.540	2.406	14.1	18.5
12 7	6 16.36	+ 3 16.9	1.502	2.419	10.9	18.4
12 17	6 7.64	+ 3 27.2	1.488	2.432	8.4	18.3
12 27	5 58.41	+ 3 59.4	1.500	2.447	8.0	18.3
1 6	5 49.91	+ 4 51.3	1.538	2.461	10.0	18.4
1 16	5 43.17	+ 5 58.5	1.601	2.476	13.0	18.7
1 26	5 38.94	+ 7 15.6	1.687	2.492	15.9	18.9

328457 2008 UF_{98} 12 22.3 69.°21 6.°4/21.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.56	+39 9.1	2.268	3.048	13.3	20.0
11 27	6 30.76	+40 51.8	2.211	3.070	10.7	19.8
12 7	6 21.12	+42 25.9	2.179	3.091	8.2	19.7
12 17	6 9.39	+43 44.0	2.176	3.113	6.6	19.7
12 27	5 56.82	+44 40.7	2.201	3.135	6.8	19.7
1 6	5 44.84	+45 14.3	2.256	3.156	8.5	19.8
1 16	5 34.74	+45 27.1	2.337	3.177	10.8	20.0
1 26	5 27.47	+45 24.0	2.441	3.199	12.9	20.2

78909 2003 SF_{95} 12 22.3 172.°91 3.°0/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.50	+14 50.6	2.424	3.222	12.0	19.7
11 27	6 22.38	+14 20.8	2.342	3.224	9.3	19.5
12 7	6 15.45	+13 55.4	2.285	3.224	6.3	19.3
12 17	6 7.29	+13 35.5	2.256	3.225	3.6	19.2
12 27	5 58.70	+13 22.1	2.256	3.226	3.5	19.1
1 6	5 50.55	+13 15.5	2.287	3.226	6.1	19.3
1 16	5 43.61	+13 15.9	2.345	3.226	9.1	19.5
1 26	5 38.50	+13 22.8	2.429	3.226	11.8	19.7

408664 2014 MC_{26} 12 22.3 163.°75 1.°7/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.71	+17 31.3	1.964	2.774	14.0	21.0
11 27	6 24.56	+17 42.1	1.884	2.775	10.7	20.8
12 7	6 17.07	+17 58.7	1.828	2.775	6.9	20.5
12 17	6 7.93	+18 20.2	1.798	2.775	3.0	20.3
12 27	5 58.14	+18 45.3	1.798	2.776	2.6	20.3
1 6	5 48.85	+19 12.6	1.827	2.776	6.5	20.5
1 16	5 41.10	+19 41.3	1.883	2.776	10.3	20.8
1 26	5 35.67	+20 10.8	1.964	2.777	13.7	21.0

122289 2000 PQ_{18} 12 22.3 133.°99 1.°0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.09	+25 46.7	1.973	2.778	14.1	20.5
11 27	6 28.56	+26 1.1	1.902	2.791	10.7	20.3
12 7	6 19.51	+26 14.0	1.856	2.804	6.7	20.1
12 17	6 8.75	+26 22.7	1.837	2.816	2.6	19.8
12 27	5 57.46	+26 25.7	1.849	2.828	2.3	19.9
1 6	5 46.90	+26 22.7	1.890	2.839	6.4	20.1
1 16	5 38.16	+26 15.4	1.959	2.849	10.2	20.4
1 26	5 32.00	+26 6.1	2.053	2.858	13.4	20.6

228868 2003 HB_{12} 12 22.3 191.°09 2.°0/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.57	+16 9.0	2.217	3.012	13.1	20.9
11 27	6 26.48	+16 21.9	2.129	3.010	10.0	20.7
12 7	6 18.19	+16 40.9	2.065	3.008	6.6	20.5
12 17	6 8.32	+17 5.3	2.030	3.005	3.0	20.2
12 27	5 57.80	+17 33.8	2.025	3.002	2.7	20.2
1 6	5 47.69	+18 5.0	2.051	2.997	6.2	20.4
1 16	5 38.98	+18 37.9	2.107	2.992	9.8	20.6
1 26	5 32.42	+19 11.8	2.187	2.986	12.9	20.8

438657 2008 DY_{61} 12 22.3 324.°14 5.°4/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.02	+32 48.2	1.217	2.053	19.2	21.2
11 27	6 29.04	+33 30.2	1.140	2.041	15.1	20.9
12 7	6 20.90	+34 5.6	1.083	2.030	10.5	20.6
12 17	6 9.51	+34 26.5	1.048	2.019	6.3	20.3
12 27	5 56.72	+34 27.0	1.038	2.009	6.1	20.3
1 6	5 44.79	+34 6.2	1.052	2.000	10.4	20.5
1 16	5 35.76	+33 28.8	1.089	1.991	15.3	20.7
1 26	5 30.93	+32 42.7	1.146	1.983	19.8	21.0

289243 2004 XH_{78} 12 22.3 342.°90 0.°5/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.73	+23 37.3	1.831	2.654	14.3	20.5
11 27	6 23.39	+23 55.8	1.748	2.647	10.9	20.3
12 7	6 16.51	+24 15.7	1.689	2.641	6.9	20.1
12 17	6 7.78	+24 34.9	1.655	2.635	2.5	19.8
12 27	5 58.30	+24 51.3	1.650	2.630	2.2	19.7
1 6	5 49.33	+25 4.0	1.673	2.625	6.7	20.0
1 16	5 42.02	+25 13.3	1.722	2.621	10.8	20.3
1 26	5 37.23	+25 20.3	1.795	2.618	14.3	20.5

377484 2005 EW_{18} 12 22.3 247.°71 7.°3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.21	− 1 34.2	2.766	3.508	12.0	21.9
11 27	6 20.53	− 2 18.3	2.675	3.496	10.3	21.7
12 7	6 14.27	− 2 49.8	2.608	3.483	8.6	21.6
12 17	6 6.91	− 3 5.5	2.567	3.470	7.5	21.5
12 27	5 59.09	− 3 3.5	2.553	3.457	7.4	21.5
1 6	5 51.53	− 2 43.5	2.566	3.444	8.5	21.5
1 16	5 44.92	− 2 7.1	2.606	3.430	10.3	21.6
1 26	5 39.83	− 1 17.1	2.669	3.417	12.2	21.7

39783 1997 LB_{1} 12 22.3 22.°98 1.°0/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.43	+17 15.0	1.787	2.602	14.9	18.1
11 27	6 24.58	+18 3.1	1.714	2.608	11.4	17.9
12 7	6 17.21	+18 59.9	1.665	2.614	7.2	17.6
12 17	6 8.02	+20 2.7	1.642	2.621	2.8	17.4
12 27	5 58.12	+21 7.8	1.648	2.628	2.3	17.3
1 6	5 48.77	+22 11.7	1.684	2.636	6.7	17.6
1 16	5 41.08	+23 11.8	1.747	2.644	10.8	17.9
1 26	5 35.92	+24 7.1	1.833	2.653	14.2	18.1

158942 2004 RD_{90} 12 22.3 198°.46 1°.4/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.77	+20 36.0	1.807	2.619	14.9	20.6
11 27	6 27.07	+20 18.7	1.725	2.618	11.4	20.4
12 7	6 18.74	+20 3.0	1.667	2.615	7.3	20.1
12 17	6 8.55	+19 48.4	1.635	2.613	2.9	19.9
12 27	5 57.67	+19 35.1	1.632	2.610	2.7	19.8
1 6	5 47.41	+19 23.7	1.658	2.607	7.0	20.1
1 16	5 38.94	+19 15.3	1.711	2.604	11.2	20.3
1 26	5 33.09	+19 10.9	1.787	2.600	14.8	20.6

25538 Markcarlson 12 22.3 189°.67 0°.8/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.52	+20 8.7	2.209	3.012	12.9	19.4
11 27	6 25.73	+20 18.1	2.123	3.011	9.8	19.2
12 7	6 17.73	+20 30.5	2.062	3.009	6.2	18.9
12 17	6 8.17	+20 44.6	2.029	3.008	2.4	18.7
12 27	5 58.00	+20 59.2	2.026	3.005	2.1	18.7
1 6	5 48.28	+21 13.6	2.053	3.002	5.9	18.9
1 16	5 39.98	+21 27.7	2.109	2.999	9.6	19.1
1 26	5 33.87	+21 42.0	2.190	2.995	12.7	19.3

75743 2000 AF_{150} 12 22.3 273°.71 3°.5/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.36	+16 40.8	1.882	2.691	14.5	19.2
11 27	6 25.21	+15 52.0	1.788	2.676	11.3	19.0
12 7	6 17.59	+15 5.4	1.718	2.661	7.6	18.7
12 17	6 8.16	+14 23.1	1.674	2.646	4.2	18.5
12 27	5 57.99	+13 47.2	1.659	2.631	4.2	18.5
1 6	5 48.28	+13 19.8	1.673	2.615	7.7	18.7
1 16	5 40.14	+13 2.0	1.714	2.600	11.6	18.9
1 26	5 34.43	+12 54.2	1.778	2.584	15.2	19.0

356517 2011 SX_{84} 12 22.3 277°.07 7°.0/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.56	+ 6 58.8	1.831	2.625	15.5	20.8
11 27	6 23.73	+ 6 3.0	1.753	2.621	12.6	20.6
12 7	6 16.58	+ 5 18.5	1.697	2.618	9.6	20.4
12 17	6 7.78	+ 4 49.2	1.667	2.614	7.3	20.2
12 27	5 58.35	+ 4 38.0	1.663	2.610	7.3	20.2
1 6	5 49.45	+ 4 45.2	1.687	2.607	9.5	20.3
1 16	5 42.08	+ 5 9.5	1.736	2.603	12.5	20.5
1 26	5 37.03	+ 5 47.7	1.807	2.599	15.5	20.7

241822 2001 SX_{107} 12 22.3 47°.94 2°.7/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.99	+30 34.7	1.573	2.392	16.4	19.2
11 27	6 28.13	+30 37.7	1.522	2.416	12.5	19.0
12 7	6 19.35	+30 33.8	1.493	2.440	8.1	18.8
12 17	6 8.70	+30 20.0	1.489	2.465	3.8	18.6
12 27	5 57.68	+29 55.4	1.514	2.490	3.4	18.6
1 6	5 47.81	+29 22.1	1.566	2.515	7.4	18.9
1 16	5 40.25	+28 43.7	1.644	2.541	11.4	19.2
1 26	5 35.73	+28 4.8	1.745	2.567	14.7	19.5

485373 2011 EG_{24} 12 22.3 325°.99 3°.2/22.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.19	+29 29.2	1.699	2.525	15.1	21.8
11 27	6 24.32	+30 6.0	1.603	2.500	11.7	21.5
12 7	6 17.45	+30 40.9	1.528	2.477	7.8	21.2
12 17	6 8.24	+31 9.5	1.479	2.454	4.0	21.0
12 27	5 57.89	+31 27.7	1.457	2.432	4.0	20.9
1 6	5 47.92	+31 33.8	1.463	2.411	8.0	21.1
1 16	5 39.78	+31 29.0	1.493	2.390	12.3	21.3
1 26	5 34.62	+31 16.6	1.546	2.370	16.2	21.5

488232 2016 AL_{57} 12 22.3 142°.93 2°.0/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.95	+15 55.9	2.619	3.414	11.3	21.7
11 27	6 22.61	+15 57.9	2.540	3.422	8.6	21.5
12 7	6 15.57	+16 4.7	2.487	3.429	5.7	21.3
12 17	6 7.37	+16 15.9	2.462	3.436	2.8	21.1
12 27	5 58.77	+16 31.2	2.468	3.443	2.5	21.1
1 6	5 50.57	+16 49.9	2.505	3.450	5.3	21.3
1 16	5 43.51	+17 11.4	2.571	3.456	8.3	21.5
1 26	5 38.18	+17 35.1	2.662	3.462	10.9	21.7

439025 2011 EM_{15} 12 22.3 187°.32 4°.4/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.27	+34 48.6	2.003	2.796	14.3	22.0
11 27	6 31.39	+35 23.5	1.921	2.796	11.3	21.7
12 7	6 21.56	+35 50.9	1.862	2.795	7.9	21.5
12 17	6 9.60	+36 5.3	1.830	2.794	5.0	21.4
12 27	5 56.83	+36 3.4	1.827	2.791	4.9	21.4
1 6	5 44.77	+35 45.0	1.854	2.788	7.7	21.5
1 16	5 34.72	+35 13.5	1.908	2.785	11.1	21.7
1 26	5 27.63	+34 34.1	1.986	2.780	14.2	21.9

24689 1990 OH_1 12 22.3 170°.98 4°.7/21.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.16	+ 6 15.8	3.281	4.041	10.0	19.1
11 27	6 21.63	+ 5 19.4	3.199	4.045	8.1	18.9
12 7	6 14.79	+ 4 29.6	3.143	4.049	6.2	18.8
12 17	6 7.08	+ 3 48.6	3.116	4.052	4.9	18.7
12 27	5 59.08	+ 3 18.2	3.120	4.054	5.0	18.7
1 6	5 51.40	+ 2 59.1	3.155	4.056	6.3	18.8
1 16	5 44.60	+ 2 51.3	3.218	4.057	8.1	18.9
1 26	5 39.14	+ 2 53.6	3.306	4.058	10.0	19.1

190775 2001 QK_{241} 12 22.3 166°.52 3°.3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.44	+32 4.1	2.067	2.863	13.9	21.4
11 27	6 30.50	+32 30.7	1.989	2.868	10.7	21.2
12 7	6 20.85	+32 51.3	1.934	2.874	7.2	21.0
12 17	6 9.31	+33 1.9	1.907	2.878	4.0	20.8
12 27	5 57.11	+32 59.7	1.911	2.881	3.8	20.8
1 6	5 45.62	+32 44.9	1.944	2.884	7.0	21.0
1 16	5 36.02	+32 20.2	2.005	2.886	10.4	21.2
1 26	5 29.16	+31 49.8	2.090	2.887	13.5	21.4

208308 2001 HA_3 12 22.3 251°.22 2°.3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.63	+17 21.1	2.084	2.888	13.5	21.2
11 27	6 25.28	+17 5.7	1.986	2.872	10.4	20.9
12 7	6 17.60	+16 54.1	1.911	2.856	6.8	20.7
12 17	6 8.20	+16 46.6	1.864	2.839	3.3	20.4
12 27	5 58.04	+16 43.4	1.846	2.822	3.1	20.4
1 6	5 48.25	+16 44.8	1.859	2.805	6.7	20.6
1 16	5 39.87	+16 50.7	1.898	2.787	10.6	20.8
1 26	5 33.72	+17 1.3	1.962	2.768	13.9	21.0

421897 2014 QA_{203} 12 22.3 97°.39 2°.8/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.09	+15 20.4	2.154	2.956	13.2	21.5
11 27	6 23.74	+15 7.3	2.084	2.968	10.1	21.3
12 7	6 16.38	+14 59.9	2.039	2.981	6.7	21.1
12 17	6 7.68	+14 58.4	2.021	2.993	3.5	20.9
12 27	5 58.57	+15 3.0	2.032	3.005	3.3	21.0
1 6	5 50.02	+15 13.3	2.074	3.017	6.3	21.2
1 16	5 42.89	+15 28.7	2.143	3.029	9.6	21.4
1 26	5 37.82	+15 48.5	2.236	3.041	12.5	21.6

378108 2006 UO_{223} 12 22.3 88°.81 3°.7/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.02	+35 28.6	2.682	3.472	11.2	20.8
11 27	6 24.41	+35 59.0	2.609	3.483	8.7	20.7
12 7	6 16.80	+36 22.8	2.562	3.493	6.2	20.5
12 17	6 7.84	+36 36.9	2.542	3.503	4.1	20.4
12 27	5 58.44	+36 39.3	2.551	3.513	4.0	20.4
1 6	5 49.56	+36 30.1	2.591	3.522	6.0	20.6
1 16	5 42.06	+36 11.1	2.659	3.532	8.5	20.7
1 26	5 36.61	+35 45.3	2.752	3.542	10.8	20.9

481918 2009 BE_{77} 12 22.3 329°.44 16°.8/14.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 46.78	− 5 1.7	1.623	2.344	20.0	22.0
11 27	6 40.30	− 7 36.5	1.449	2.247	18.5	21.6
12 7	6 29.29	−10 16.3	1.296	2.145	17.2	21.2
12 17	6 13.31	−12 49.7	1.166	2.039	16.9	20.9
12 27	5 52.66	−14 59.8	1.064	1.930	18.7	20.6
1 6	5 28.66	−16 27.8	0.988	1.815	22.9	20.5
1 16	5 3.62	−16 59.3	0.936	1.696	28.7	20.4
1 26	4 40.25	−16 31.5	0.902	1.571	35.3	20.3

99393 2002 AS_{11} 12 22.3 71°.62 0°.6/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.67	+23 25.4	1.215	2.045	19.6	19.0
11 27	6 32.23	+23 48.5	1.170	2.072	14.8	18.7
12 7	6 22.19	+24 13.0	1.145	2.098	9.3	18.5
12 17	6 9.79	+24 34.7	1.145	2.125	3.3	18.3
12 27	5 56.88	+24 50.6	1.171	2.151	2.9	18.3
1 6	5 45.38	+25 0.0	1.224	2.177	8.4	18.7
1 16	5 36.75	+25 4.8	1.302	2.203	13.3	19.1
1 26	5 31.81	+25 7.4	1.400	2.229	17.3	19.4

150206 1998 SN_9 12 22.3 58°.84 1°.4/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.79	+20 37.8	1.284	2.114	18.7	19.8
11 27	6 29.05	+20 27.1	1.236	2.138	14.2	19.6
12 7	6 20.09	+20 19.8	1.209	2.161	8.9	19.4
12 17	6 9.03	+20 15.0	1.206	2.185	3.4	19.1
12 27	5 57.53	+20 12.0	1.230	2.210	3.0	19.2
1 6	5 47.25	+20 10.9	1.281	2.234	8.2	19.6
1 16	5 39.52	+20 12.6	1.356	2.258	12.9	19.9
1 26	5 35.09	+20 17.6	1.453	2.282	16.7	20.2

349707 2008 YU_2 12 22.3 57°.29 1°.5/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.47	+26 38.6	1.448	2.273	17.3	19.9
11 27	6 28.73	+26 52.1	1.396	2.295	13.1	19.7
12 7	6 19.88	+27 3.1	1.365	2.316	8.3	19.5
12 17	6 8.97	+27 8.3	1.359	2.338	3.2	19.2
12 27	5 57.57	+27 5.7	1.381	2.360	2.9	19.3
1 6	5 47.29	+26 55.9	1.430	2.382	7.6	19.6
1 16	5 39.41	+26 41.5	1.505	2.405	12.0	19.9
1 26	5 34.73	+26 25.7	1.602	2.427	15.7	20.2

409846 2006 SZ_{41} 12 22.3 126°.69 4°.8/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.33	+37 13.8	2.379	3.159	12.7	21.6
11 27	6 30.20	+38 5.0	2.313	3.177	10.1	21.5
12 7	6 20.57	+38 47.9	2.271	3.194	7.3	21.3
12 17	6 9.22	+39 17.6	2.257	3.211	5.2	21.2
12 27	5 57.30	+39 30.8	2.274	3.227	5.1	21.3
1 6	5 46.09	+39 27.3	2.320	3.242	7.1	21.4
1 16	5 36.65	+39 9.8	2.394	3.256	9.7	21.6
1 26	5 29.79	+38 42.6	2.493	3.270	12.1	21.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
260685 2005 JF_{77}		12 22.3 247°.15	4°.3/22.4 18			
	h m	° ′			°	m
11 17	6 32.36	+14 24.1	1.495	2.312	17.2	21.0
11 27	6 27.27	+13 56.4	1.415	2.306	13.5	20.7
12 7	6 19.17	+13 36.6	1.355	2.299	9.2	20.5
12 17	6 8.84	+13 26.5	1.321	2.292	5.2	20.2
12 27	5 57.59	+13 27.2	1.313	2.285	5.0	20.2
1 6	5 46.95	+13 38.5	1.332	2.277	8.9	20.4
1 16	5 38.30	+13 59.7	1.377	2.270	13.4	20.7
1 26	5 32.65	+14 29.2	1.443	2.262	17.4	20.9
24120 Jeremyblum		12 22.3 236°.17	0°.0/22.3 18			R
11 17	6 28.97	+23 4.7	2.410	3.215	11.8	19.3
11 27	6 23.73	+23 9.0	2.318	3.207	9.0	19.1
12 7	6 16.48	+23 13.7	2.251	3.200	5.7	18.8
12 17	6 7.79	+23 17.6	2.212	3.192	2.0	18.6
12 27	5 58.53	+23 19.8	2.204	3.184	1.8	18.6
1 6	5 49.66	+23 20.2	2.225	3.175	5.5	18.8
1 16	5 42.06	+23 19.3	2.276	3.167	8.9	19.0
1 26	5 36.44	+23 18.1	2.351	3.158	11.9	19.2
443733 2015 LE_{22}		12 22.3 107°.46	3°.5/22.7 18			
11 17	6 33.39	+12 45.8	1.893	2.690	14.9	21.1
11 27	6 27.14	+12 45.8	1.832	2.711	11.5	20.9
12 7	6 18.59	+12 55.0	1.793	2.731	7.8	20.7
12 17	6 8.50	+13 13.3	1.782	2.751	4.4	20.5
12 27	5 57.99	+13 39.8	1.800	2.771	4.0	20.6
1 6	5 48.19	+14 13.1	1.847	2.789	7.1	20.8
1 16	5 40.08	+14 51.3	1.923	2.808	10.6	21.0
1 26	5 34.38	+15 32.6	2.022	2.825	13.7	21.3
509073 2005 UM_{5}		12 22.3 218°.68	0°.4/22.3 17			
11 17	7 6.43	+22 12.2	1.077	1.868	24.1	23.2
11 27	6 56.30	+22 41.8	0.976	1.856	19.1	22.9
12 7	6 39.62	+23 18.9	0.894	1.838	12.6	22.4
12 17	6 16.82	+23 54.6	0.837	1.816	4.7	21.9
12 27	5 50.25	+24 18.1	0.810	1.789	4.2	21.8
1 6	5 23.83	+24 23.3	0.813	1.758	13.1	22.1
1 16	5 1.44	+24 14.5	0.842	1.721	21.1	22.4
1 26	4 45.51	+24 2.0	0.890	1.679	27.9	22.7
134265 2006 BM_{59}		12 22.3 316°.46	4°.9/22.7 18			
11 17	6 26.92	+ 9 10.9	2.077	2.873	13.8	19.8
11 27	6 22.33	+ 8 56.2	1.994	2.868	11.0	19.6
12 7	6 15.67	+ 8 52.1	1.933	2.863	8.0	19.4
12 17	6 7.52	+ 9 0.3	1.899	2.858	5.4	19.2
12 27	5 58.79	+ 9 21.2	1.893	2.854	5.2	19.2
1 6	5 50.47	+ 9 53.8	1.915	2.849	7.6	19.3
1 16	5 43.46	+10 36.2	1.964	2.845	10.7	19.5
1 26	5 38.52	+11 25.9	2.038	2.841	13.6	19.7
206647 2003 YL_{6}		12 22.3 32°.10	4°.4/22.6 18			
11 17	6 33.54	+33 23.0	1.482	2.304	17.1	20.2
11 27	6 28.39	+33 44.6	1.419	2.312	13.3	20.0
12 7	6 19.88	+33 57.5	1.377	2.321	9.1	19.7
12 17	6 9.06	+33 56.4	1.359	2.330	5.2	19.5
12 27	5 57.53	+33 38.8	1.368	2.340	4.9	19.5
1 6	5 47.07	+33 6.0	1.404	2.350	8.5	19.8
1 16	5 39.08	+32 22.8	1.465	2.361	12.6	20.0
1 26	5 34.47	+31 35.0	1.548	2.372	16.2	20.3
223949 2004 XG_{34}		12 22.3 4°.76	2°.4/22.3 17			
11 17	6 28.74	+28 45.0	1.717	2.541	15.0	19.7
11 27	6 24.36	+29 7.3	1.643	2.541	11.5	19.5
12 7	6 17.23	+29 26.3	1.592	2.541	7.5	19.3
12 17	6 8.12	+29 38.7	1.566	2.543	3.5	19.0
12 27	5 58.30	+29 42.0	1.568	2.545	3.3	19.0
1 6	5 49.17	+29 36.0	1.598	2.548	7.2	19.3
1 16	5 41.94	+29 22.8	1.654	2.552	11.2	19.5
1 26	5 37.49	+29 5.3	1.732	2.557	14.7	19.8
223349 2003 RP_{11}		12 22.3 74°.37	0°.5/22.4 17			
11 17	6 28.70	+21 48.4	2.185	2.995	12.7	20.6
11 27	6 23.60	+21 49.3	2.108	2.999	9.6	20.4
12 7	6 16.40	+21 51.5	2.055	3.004	6.1	20.2
12 17	6 7.76	+21 54.0	2.029	3.009	2.2	20.0
12 27	5 58.63	+21 56.1	2.034	3.013	1.9	20.0
1 6	5 50.01	+21 57.7	2.068	3.018	5.8	20.2
1 16	5 42.82	+21 59.2	2.130	3.023	9.3	20.5
1 26	5 37.75	+22 1.5	2.216	3.028	12.3	20.7
309497 2007 VV_{299}		12 22.3 2°.94	10°.7/23.1 17			
11 17	6 31.68	+44 16.8	1.215	2.035	20.3	19.3
11 27	6 28.42	+45 18.7	1.156	2.033	17.0	19.1
12 7	6 20.61	+46 0.6	1.114	2.032	13.6	18.9
12 17	6 9.46	+46 12.1	1.094	2.034	11.2	18.7
12 27	5 57.19	+45 46.7	1.095	2.037	10.9	18.7
1 6	5 46.34	+44 46.3	1.120	2.042	13.0	18.9
1 16	5 38.89	+43 19.7	1.165	2.048	16.2	19.1
1 26	5 35.91	+41 38.9	1.231	2.056	19.4	19.3

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
422081 2014 QL_{387}		12 22.3 186°.84	5°.0/22.5 18			
	h m	° ′			°	m
11 17	6 28.91	+ 6 51.4	2.593	3.364	12.0	21.7
11 27	6 23.36	+ 6 25.1	2.508	3.364	9.7	21.6
12 7	6 16.10	+ 6 8.2	2.447	3.363	7.3	21.4
12 17	6 7.64	+ 6 2.3	2.414	3.361	5.4	21.3
12 27	5 58.73	+ 6 8.5	2.411	3.359	5.2	21.3
1 6	5 50.19	+ 6 26.5	2.437	3.356	7.0	21.4
1 16	5 42.75	+ 6 55.1	2.492	3.352	9.5	21.5
1 26	5 37.01	+ 7 32.2	2.572	3.348	11.8	21.7
97848 2000 QS_{3}		12 22.4 143°.47	0°.2/22.3 18			
11 17	6 36.74	+23 27.0	1.579	2.394	16.5	20.6
11 27	6 30.42	+23 36.3	1.509	2.403	12.6	20.3
12 7	6 21.03	+23 46.2	1.461	2.411	7.9	20.1
12 17	6 9.47	+23 54.3	1.439	2.419	2.8	19.8
12 27	5 57.18	+23 58.5	1.446	2.426	2.5	19.8
1 6	5 45.75	+23 58.7	1.481	2.432	7.5	20.1
1 16	5 36.52	+23 56.2	1.543	2.438	12.0	20.4
1 26	5 30.41	+23 53.3	1.627	2.443	15.9	20.7
13355 1998 TP_{17}		12 22.4 143°.82	2°.2/22.6 18			
11 17	6 28.15	+15 23.2	2.421	3.219	12.0	17.1
11 27	6 22.97	+15 31.6	2.341	3.224	9.2	16.9
12 7	6 15.93	+15 46.0	2.285	3.228	6.1	16.7
12 17	6 7.60	+16 6.0	2.257	3.231	3.0	16.5
12 27	5 58.80	+16 30.6	2.260	3.235	2.7	16.5
1 6	5 50.41	+16 58.9	2.293	3.239	5.7	16.7
1 16	5 43.22	+17 29.8	2.355	3.242	8.8	16.9
1 26	5 37.89	+18 2.4	2.442	3.245	11.6	17.1
60849 2000 HV_{64}		12 22.4 156°.55	1°.6/22.4 18			
11 17	6 37.63	+26 44.3	1.505	2.322	17.1	19.8
11 27	6 31.37	+26 57.8	1.433	2.327	13.1	19.6
12 7	6 21.77	+27 9.0	1.383	2.332	8.4	19.3
12 17	6 9.77	+27 14.0	1.358	2.336	3.3	19.0
12 27	5 56.94	+27 10.5	1.361	2.340	3.0	19.0
1 6	5 45.02	+26 58.5	1.392	2.343	8.0	19.3
1 16	5 35.49	+26 40.9	1.450	2.346	12.6	19.6
1 26	5 29.33	+26 21.5	1.529	2.348	16.6	19.9
82253 2001 KM_{6}		12 22.4 172°.90	0°.2/22.3 18			
11 17	6 34.86	+22 55.0	1.798	2.608	15.0	20.5
11 27	6 28.78	+23 12.9	1.720	2.611	11.5	20.3
12 7	6 19.93	+23 32.3	1.664	2.613	7.2	20.0
12 17	6 9.10	+23 50.9	1.635	2.615	2.6	19.7
12 27	5 57.51	+24 6.4	1.636	2.616	2.3	19.7
1 6	5 46.55	+24 17.9	1.666	2.617	6.9	20.0
1 16	5 37.46	+24 25.9	1.724	2.617	11.1	20.3
1 26	5 31.14	+24 32.1	1.805	2.616	14.7	20.5
231581 2008 UR_{196}		12 22.4 237°.59	0°.8/22.4 18			
11 17	6 27.54	+20 27.1	2.529	3.333	11.4	21.1
11 27	6 22.54	+20 28.8	2.439	3.327	8.7	20.9
12 7	6 15.69	+20 32.5	2.374	3.322	5.5	20.7
12 17	6 7.53	+20 37.5	2.337	3.316	2.1	20.5
12 27	5 58.87	+20 43.4	2.330	3.310	1.9	20.5
1 6	5 50.56	+20 49.6	2.354	3.303	5.3	20.7
1 16	5 43.43	+20 56.4	2.407	3.297	8.5	20.9
1 26	5 38.11	+21 4.2	2.485	3.291	11.3	21.1
8714 1995 OT		12 22.4 132°.90	2°.1/22.3 18			
11 17	6 37.82	+27 46.9	1.795	2.600	15.3	18.4
11 27	6 30.96	+28 13.8	1.727	2.615	11.6	18.2
12 7	6 21.23	+28 37.8	1.682	2.629	7.5	18.0
12 17	6 9.53	+28 55.0	1.665	2.642	3.3	17.7
12 27	5 57.19	+29 2.8	1.677	2.654	3.0	17.8
1 6	5 45.71	+29 0.8	1.719	2.666	7.1	18.0
1 16	5 36.31	+28 51.3	1.788	2.677	11.0	18.3
1 26	5 29.86	+28 37.7	1.881	2.687	14.4	18.5
252410 2001 TA_{97}		12 22.4 28°.20	2°.0/22.3 18			
11 17	6 29.53	+19 26.6	1.767	2.585	14.9	20.0
11 27	6 24.61	+18 59.2	1.693	2.588	11.4	19.8
12 7	6 17.21	+18 34.2	1.643	2.592	7.3	19.6
12 17	6 8.10	+18 11.9	1.619	2.596	3.2	19.3
12 27	5 58.42	+17 53.4	1.623	2.601	3.0	19.3
1 6	5 49.42	+17 39.3	1.656	2.605	7.1	19.6
1 16	5 42.16	+17 30.7	1.715	2.610	11.0	19.8
1 26	5 37.41	+17 27.8	1.797	2.616	14.5	20.1
282768 2006 HZ_{105}		12 22.4 223°.68	1°.6/22.2 18			
11 17	6 28.14	+19 20.3	2.658	3.457	11.0	20.9
11 27	6 22.84	+18 52.4	2.566	3.451	8.4	20.7
12 7	6 15.80	+18 25.3	2.499	3.444	5.4	20.5
12 17	6 7.56	+17 59.7	2.460	3.437	2.4	20.3
12 27	5 58.88	+17 36.2	2.453	3.429	2.3	20.3
1 6	5 50.57	+17 15.7	2.476	3.422	5.3	20.5
1 16	5 43.40	+16 59.1	2.529	3.414	8.4	20.7
1 26	5 37.96	+16 46.9	2.607	3.405	11.1	20.8

450674 2006 VD_{19} 12 22.4 134°.96 4°.1/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 35.18	+34 7.7	2.289	3.080	12.8	21.7
11 27	6 28.68	+34 57.1	2.217	3.092	10.0	21.5
12 7	6 19.70	+35 40.5	2.170	3.103	7.0	21.4
12 17	6 8.99	+36 13.3	2.151	3.113	4.5	21.2
12 27	5 57.65	+36 32.1	2.161	3.124	4.5	21.2
1 6	5 46.93	+36 36.3	2.202	3.133	6.9	21.4
1 16	5 37.90	+36 28.0	2.270	3.142	9.8	21.6
1 26	5 31.36	+36 10.7	2.363	3.151	12.4	21.8

122184 2000 KA_{58} 12 22.4 141°.41 0°.3/22.3 18

11 17	6 34.81	+22 9.1	1.845	2.653	14.8	20.2
11 27	6 28.63	+22 41.2	1.772	2.663	11.2	20.0
12 7	6 19.78	+23 16.2	1.722	2.671	7.1	19.7
12 17	6 9.04	+23 51.1	1.700	2.679	2.5	19.5
12 27	5 57.60	+24 22.9	1.707	2.687	2.2	19.5
1 6	5 46.82	+24 50.1	1.744	2.694	6.7	19.8
1 16	5 37.85	+25 12.4	1.809	2.701	10.8	20.0
1 26	5 31.57	+25 31.1	1.897	2.707	14.2	20.3

446717 2015 OM_{63} 12 22.4 83°.82 1°.2/22.5 18

11 17	6 32.53	+17 31.4	1.777	2.588	15.2	20.8
11 27	6 26.89	+18 8.6	1.710	2.600	11.6	20.5
12 7	6 18.66	+18 53.2	1.665	2.613	7.4	20.3
12 17	6 8.63	+19 43.0	1.647	2.625	2.9	20.1
12 27	5 57.96	+20 34.6	1.659	2.638	2.4	20.1
1 6	5 47.94	+21 25.3	1.699	2.650	6.8	20.4
1 16	5 39.69	+22 13.3	1.768	2.663	10.8	20.6
1 26	5 34.05	+22 57.9	1.860	2.675	14.2	20.9

420156 2011 FR_{148} 12 22.4 289°.52 5°.5/22.8 18

11 17	6 33.85	+40 56.1	2.342	3.122	12.9	20.4
11 27	6 27.81	+41 17.0	2.258	3.118	10.5	20.2
12 7	6 19.19	+41 26.4	2.197	3.114	7.9	20.0
12 17	6 8.81	+41 20.0	2.163	3.110	5.9	19.9
12 27	5 57.82	+40 55.4	2.157	3.106	5.7	19.9
1 6	5 47.53	+40 13.6	2.180	3.102	7.6	20.0
1 16	5 39.04	+39 18.0	2.231	3.098	10.1	20.1
1 26	5 33.15	+38 14.2	2.306	3.094	12.7	20.3

150793 2001 RJ_{38} 12 22.4 157°.36 0°.9/22.4 18

11 17	6 34.54	+21 2.3	1.988	2.791	14.1	21.7
11 27	6 28.15	+20 58.9	1.911	2.799	10.7	21.5
12 7	6 19.34	+20 57.1	1.859	2.806	6.8	21.3
12 17	6 8.85	+20 56.0	1.834	2.813	2.5	21.0
12 27	5 57.80	+20 54.7	1.839	2.819	2.2	21.0
1 6	5 47.39	+20 53.3	1.875	2.824	6.4	21.3
1 16	5 38.67	+20 52.6	1.938	2.828	10.3	21.6
1 26	5 32.42	+20 53.5	2.026	2.832	13.6	21.8

351020 2003 SJ_{9} 12 22.4 69°.04 5°.9/22.5 18

11 17	6 37.60	+36 55.9	1.626	2.430	16.6	20.7
11 27	6 31.29	+37 43.3	1.570	2.449	13.1	20.5
12 7	6 21.63	+38 19.7	1.536	2.468	9.5	20.3
12 17	6 9.69	+38 38.5	1.527	2.486	6.5	20.2
12 27	5 57.13	+38 35.9	1.546	2.505	6.3	20.2
1 6	5 45.71	+38 13.0	1.592	2.524	8.9	20.4
1 16	5 36.84	+37 34.5	1.663	2.543	12.3	20.7
1 26	5 31.39	+36 47.3	1.757	2.561	15.4	20.9

146658 2001 UJ_{114} 12 22.4 69°.61 3°.0/22.4 18

11 17	6 29.85	+16 6.0	1.856	2.667	14.6	20.3
11 27	6 24.63	+15 43.2	1.790	2.679	11.2	20.1
12 7	6 17.11	+15 25.8	1.747	2.692	7.4	19.9
12 17	6 8.05	+15 14.8	1.731	2.704	3.8	19.7
12 27	5 58.53	+15 10.5	1.743	2.717	3.6	19.7
1 6	5 49.68	+15 12.9	1.784	2.729	7.0	20.0
1 16	5 42.49	+15 21.8	1.852	2.742	10.6	20.2
1 26	5 37.65	+15 36.4	1.943	2.755	13.8	20.4

309256 2007 RH_{53} 12 22.4 84°.28 8°.2/22.4 18

11 17	6 30.23	+ 3 52.7	1.762	2.545	16.4	21.0
11 27	6 24.89	+ 2 45.9	1.703	2.560	13.5	20.9
12 7	6 17.25	+ 1 54.1	1.666	2.574	10.6	20.7
12 17	6 8.09	+ 1 21.7	1.654	2.588	8.6	20.6
12 27	5 58.50	+ 1 11.6	1.669	2.603	8.5	20.7
1 6	5 49.61	+ 1 23.5	1.710	2.617	10.3	20.8
1 16	5 42.39	+ 1 54.8	1.775	2.631	12.9	21.0
1 26	5 37.54	+ 2 41.2	1.863	2.644	15.5	21.2

245800 2006 HF_{80} 12 22.4 142°.03 0°.5/22.4 18

11 17	6 32.62	+21 50.5	2.054	2.860	13.6	21.8
11 27	6 26.65	+21 52.8	1.980	2.869	10.3	21.6
12 7	6 18.37	+21 56.3	1.929	2.877	6.5	21.4
12 17	6 8.51	+21 59.9	1.906	2.885	2.4	21.2
12 27	5 58.12	+22 2.5	1.913	2.893	2.0	21.2
1 6	5 48.35	+22 4.1	1.950	2.900	6.1	21.4
1 16	5 40.18	+22 5.2	2.015	2.906	9.9	21.7
1 26	5 34.36	+22 6.9	2.105	2.912	13.0	21.9

353008 2009 BV_{150} 12 22.4 287°.95 0°.2/22.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.34	+23 39.8	1.721	2.540	15.2	21.5
11 27	6 26.42	+23 27.7	1.627	2.523	11.7	21.3
12 7	6 18.64	+23 14.7	1.555	2.507	7.4	21.0
12 17	6 8.72	+22 59.6	1.510	2.490	2.7	20.7
12 27	5 57.88	+22 41.8	1.493	2.473	2.4	20.6
1 6	5 47.53	+22 22.2	1.504	2.457	7.3	20.9
1 16	5 38.99	+22 2.7	1.542	2.440	11.9	21.1
1 26	5 33.26	+21 45.6	1.602	2.424	15.8	21.3

452124 2014 US_{14} 12 22.4 34°.43 3°.3/22.3 17

11 17	6 30.66	+32 7.7	2.158	2.963	13.0	21.0
11 27	6 25.38	+32 40.7	2.081	2.966	10.1	20.8
12 7	6 17.69	+33 8.8	2.028	2.969	6.8	20.6
12 17	6 8.30	+33 28.2	2.002	2.972	3.9	20.4
12 27	5 58.29	+33 36.2	2.005	2.975	3.8	20.4
1 6	5 48.85	+33 32.6	2.038	2.979	6.6	20.6
1 16	5 41.04	+33 19.2	2.097	2.982	9.9	20.8
1 26	5 35.65	+32 59.2	2.181	2.986	12.8	21.0

298630 2004 BF_{27} 12 22.4 348°.16 4°.8/21.3 17

11 17	6 29.89	+27 44.7	1.303	2.142	18.0	20.7
11 27	6 26.46	+29 27.4	1.227	2.132	14.0	20.4
12 7	6 19.30	+31 15.2	1.173	2.124	9.4	20.1
12 17	6 9.13	+32 58.9	1.143	2.116	5.4	19.9
12 27	5 57.48	+34 28.6	1.139	2.110	5.8	19.9
1 6	5 46.34	+35 37.5	1.160	2.105	10.1	20.1
1 16	5 37.61	+36 24.5	1.206	2.101	14.7	20.3
1 26	5 32.70	+36 53.1	1.271	2.099	18.8	20.6

255032 2005 TJ_{78} 12 22.4 132°.35 0°.4/22.4 18

11 17	6 30.14	+21 39.0	2.117	2.926	13.1	20.7
11 27	6 24.79	+21 47.7	2.039	2.930	10.0	20.5
12 7	6 17.23	+21 58.3	1.985	2.934	6.3	20.3
12 17	6 8.13	+22 9.3	1.958	2.938	2.3	20.1
12 27	5 58.48	+22 19.7	1.961	2.941	2.0	20.0
1 6	5 49.34	+22 28.9	1.994	2.945	5.9	20.3
1 16	5 41.70	+22 37.0	2.055	2.948	9.6	20.5
1 26	5 36.28	+22 45.0	2.140	2.951	12.8	20.8

103102 1999 XF_{174} 12 22.4 283°.36 1°.7/22.2 18

11 17	6 33.45	+24 43.8	1.497	2.322	16.8	19.8
11 27	6 28.58	+25 28.7	1.410	2.309	12.9	19.5
12 7	6 20.33	+26 17.0	1.346	2.297	8.3	19.2
12 17	6 9.42	+27 3.9	1.306	2.285	3.3	18.9
12 27	5 57.27	+27 44.5	1.294	2.273	3.2	18.9
1 6	5 45.60	+28 15.7	1.310	2.261	8.3	19.1
1 16	5 36.07	+28 37.5	1.351	2.249	13.2	19.4
1 26	5 29.88	+28 52.1	1.413	2.237	17.4	19.6

447611 2006 UD_{139} 12 22.4 313°.25 6°.7/21.8 17

11 17	6 34.80	+38 36.1	1.861	2.658	15.1	21.1
11 27	6 29.36	+39 46.1	1.782	2.653	12.2	20.9
12 7	6 20.66	+40 47.6	1.726	2.649	9.2	20.7
12 17	6 9.49	+41 33.1	1.695	2.644	7.1	20.6
12 27	5 57.26	+41 56.8	1.692	2.639	7.1	20.6
1 6	5 45.65	+41 57.5	1.715	2.635	9.4	20.7
1 16	5 36.19	+41 38.0	1.765	2.631	12.4	20.9
1 26	5 29.97	+41 4.4	1.836	2.627	15.3	21.1

132823 2002 QW_{74} 12 22.4 125°.73 0°.4/22.4 18

11 17	6 32.12	+21 18.4	1.979	2.787	13.9	20.5
11 27	6 26.38	+21 32.9	1.906	2.797	10.6	20.3
12 7	6 18.27	+21 49.9	1.856	2.805	6.7	20.1
12 17	6 8.51	+22 7.7	1.834	2.814	2.4	19.8
12 27	5 58.17	+22 24.6	1.842	2.822	2.1	19.8
1 6	5 48.45	+22 39.8	1.879	2.830	6.3	20.1
1 16	5 40.36	+22 53.3	1.944	2.838	10.1	20.4
1 26	5 34.68	+23 5.9	2.034	2.845	13.3	20.6

396386 2014 DG_{119} 12 22.4 239°.35 0°.9/22.4 18

11 17	6 32.53	+21 0.2	1.857	2.668	14.6	21.8
11 27	6 27.05	+21 0.1	1.766	2.658	11.2	21.6
12 7	6 18.91	+21 2.3	1.698	2.647	7.1	21.3
12 17	6 8.81	+21 5.7	1.657	2.636	2.7	21.0
12 27	5 57.86	+21 9.3	1.645	2.625	2.4	20.9
1 6	5 47.40	+21 12.7	1.662	2.613	6.9	21.2
1 16	5 38.60	+21 16.5	1.707	2.601	11.2	21.4
1 26	5 32.41	+21 21.6	1.775	2.588	14.9	21.6

402354 2005 VK_{58} 12 22.4 351°.07 3°.1/22.4 17

11 17	6 30.94	+30 54.1	1.807	2.622	14.7	21.3
11 27	6 26.01	+31 15.3	1.728	2.620	11.4	21.1
12 7	6 18.30	+31 31.3	1.672	2.618	7.6	20.9
12 17	6 8.58	+31 38.4	1.642	2.616	3.9	20.6
12 27	5 58.11	+31 34.1	1.640	2.614	3.7	20.6
1 6	5 48.32	+31 18.6	1.666	2.613	7.3	20.8
1 16	5 40.43	+30 54.4	1.719	2.613	11.1	21.1
1 26	5 35.34	+30 25.3	1.795	2.612	14.6	21.3

484538 2008 FK_{89} 12 22.4 240°.54 7°.0/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.84	+42 59.3	2.036	2.813	14.7	21.3
11 27	6 31.37	+43 35.0	1.954	2.808	12.1	21.1
12 7	6 21.72	+43 57.1	1.894	2.803	9.4	20.9
12 17	6 9.81	+43 59.2	1.860	2.799	7.4	20.8
12 27	5 57.08	+43 37.5	1.853	2.793	7.3	20.8
1 6	5 45.21	+42 52.8	1.874	2.788	9.1	20.9
1 16	5 35.59	+41 49.9	1.921	2.783	11.8	21.1
1 26	5 29.16	+40 35.9	1.992	2.777	14.5	21.2

30677 2231 $T\text{-}_2$ 12 22.4 121°.23 4°.2/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.03	+35 11.8	2.222	3.014	13.1	19.8
11 27	6 28.60	+35 50.3	2.152	3.027	10.3	19.6
12 7	6 19.67	+36 21.3	2.107	3.039	7.2	19.5
12 17	6 9.01	+36 40.5	2.089	3.051	4.7	19.3
12 27	5 57.79	+36 45.0	2.101	3.063	4.6	19.3
1 6	5 47.27	+36 35.0	2.142	3.074	7.0	19.5
1 16	5 38.53	+36 13.0	2.210	3.085	9.9	19.7
1 26	5 32.36	+35 43.3	2.303	3.095	12.6	19.9

77876 2001 SJ_{55} 12 22.4 251°.56 3°.1/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.51	+31 2.2	2.273	3.071	12.7	19.7
11 27	6 27.68	+31 41.3	2.172	3.053	9.9	19.4
12 7	6 19.29	+32 17.4	2.095	3.035	6.7	19.2
12 17	6 8.98	+32 46.4	2.045	3.016	3.7	19.0
12 27	5 57.74	+33 4.8	2.026	2.997	3.7	19.0
1 6	5 46.83	+33 11.4	2.037	2.977	6.7	19.1
1 16	5 37.39	+33 7.3	2.076	2.956	10.1	19.3
1 26	5 30.37	+32 55.4	2.139	2.935	13.3	19.5

254697 2005 MD_{35} 12 22.4 42°.57 1°.9/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.66	+17 48.2	1.699	2.517	15.4	20.7
11 27	6 24.80	+17 53.3	1.632	2.527	11.8	20.5
12 7	6 17.40	+18 4.4	1.587	2.536	7.6	20.3
12 17	6 8.23	+18 20.6	1.569	2.546	3.3	20.0
12 27	5 58.48	+18 40.8	1.578	2.556	2.9	20.0
1 6	5 49.41	+19 3.8	1.616	2.567	7.0	20.3
1 16	5 42.12	+19 28.6	1.680	2.578	11.1	20.6
1 26	5 37.41	+19 54.7	1.767	2.589	14.6	20.8

18043 Laszkowska 12 22.4 85°.13 0°.7/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.74	+20 56.2	2.073	2.883	13.3	18.7
11 27	6 24.49	+21 2.2	1.999	2.891	10.1	18.5
12 7	6 17.04	+21 10.5	1.950	2.899	6.4	18.3
12 17	6 8.08	+21 20.0	1.928	2.907	2.4	18.0
12 27	5 58.61	+21 29.6	1.936	2.915	2.0	18.0
1 6	5 49.71	+21 38.9	1.973	2.923	6.0	18.3
1 16	5 42.32	+21 48.0	2.038	2.932	9.6	18.5
1 26	5 37.15	+21 57.4	2.127	2.940	12.8	18.7

439092 2011 QP_{59} 12 22.4 127°.85 3°.6/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.64	+13 22.3	1.974	2.773	14.3	22.0
11 27	6 25.87	+13 5.4	1.904	2.784	11.1	21.8
12 7	6 17.88	+12 56.1	1.857	2.795	7.6	21.6
12 17	6 8.38	+12 55.2	1.837	2.806	4.4	21.4
12 27	5 58.39	+13 2.9	1.847	2.816	4.1	21.5
1 6	5 49.01	+13 18.6	1.886	2.826	7.1	21.7
1 16	5 41.20	+13 41.3	1.952	2.836	10.5	21.9
1 26	5 35.67	+14 9.5	2.042	2.845	13.6	22.1

3777 McCauley 12 22.4 83°.90 2°.2/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.36	+26 53.5	1.420	2.242	17.7	16.6
11 27	6 31.17	+27 26.7	1.364	2.260	13.5	16.4
12 7	6 21.62	+27 58.1	1.329	2.279	8.6	16.2
12 17	6 9.76	+28 22.8	1.319	2.297	3.6	16.0
12 27	5 57.24	+28 37.2	1.337	2.315	3.4	16.0
1 6	5 45.83	+28 40.8	1.383	2.333	8.1	16.3
1 16	5 36.96	+28 36.1	1.454	2.351	12.5	16.6
1 26	5 31.52	+28 26.9	1.547	2.368	16.3	16.9

318139 2004 PB_{41} 12 22.4 103°.34 5°.9/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.79	+39 56.5	2.178	2.962	13.6	20.5
11 27	6 29.40	+40 41.9	2.111	2.973	11.0	20.4
12 7	6 20.28	+41 16.7	2.066	2.984	8.3	20.2
12 17	6 9.26	+41 35.4	2.048	2.994	6.2	20.1
12 27	5 57.63	+41 34.9	2.058	3.005	6.1	20.1
1 6	5 46.78	+41 15.5	2.097	3.015	8.0	20.3
1 16	5 37.89	+40 40.6	2.162	3.025	10.6	20.4
1 26	5 31.79	+39 55.6	2.251	3.035	13.1	20.6

445670 2011 UP_{90} 12 22.4 43°.31 2°.6/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.02	+34 5.6	1.581	2.389	16.9	20.1
11 27	6 32.07	+33 12.9	1.511	2.398	13.0	19.9
12 7	6 21.94	+32 6.0	1.462	2.406	8.6	19.6
12 17	6 9.80	+30 43.1	1.440	2.416	4.1	19.4
12 27	5 57.28	+29 6.7	1.448	2.425	3.3	19.4
1 6	5 46.05	+27 22.8	1.484	2.435	7.6	19.6
1 16	5 37.37	+25 39.4	1.548	2.445	11.9	19.9
1 26	5 31.97	+24 3.5	1.636	2.455	15.7	20.2

190217 2006 BY_{209} 12 22.4 98°.62 5°.9/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.66	+ 3 58.4	2.340	3.110	13.2	20.1
11 27	6 22.56	+ 3 45.3	2.270	3.121	10.8	19.9
12 7	6 15.67	+ 3 45.3	2.223	3.132	8.2	19.8
12 17	6 7.58	+ 4 0.1	2.202	3.143	6.3	19.7
12 27	5 59.09	+ 4 29.9	2.211	3.154	6.0	19.7
1 6	5 51.06	+ 5 13.3	2.248	3.164	7.6	19.8
1 16	5 44.24	+ 6 7.8	2.312	3.175	10.0	20.0
1 26	5 39.24	+ 7 10.1	2.401	3.185	12.4	20.2

357801 2005 TV_{88} 12 22.4 127°.72 6°.8/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.34	+ 3 10.9	2.236	3.005	13.8	20.9
11 27	6 23.14	+ 2 30.0	2.166	3.014	11.4	20.8
12 7	6 16.06	+ 2 2.2	2.119	3.022	8.9	20.6
12 17	6 7.72	+ 1 50.3	2.098	3.030	7.2	20.5
12 27	5 58.97	+ 1 55.9	2.105	3.038	7.0	20.5
1 6	5 50.70	+ 2 18.4	2.140	3.046	8.6	20.7
1 16	5 43.71	+ 2 55.8	2.201	3.053	10.9	20.8
1 26	5 38.62	+ 3 44.8	2.286	3.060	13.2	21.0

255119 2005 UZ_{108} 12 22.4 42°.48 2°.3/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.11	+16 3.1	1.880	2.691	14.4	20.4
11 27	6 24.22	+16 11.7	1.806	2.696	11.1	20.2
12 7	6 16.98	+16 27.5	1.756	2.702	7.2	20.0
12 17	6 8.11	+16 49.8	1.731	2.707	3.4	19.8
12 27	5 58.63	+17 17.5	1.736	2.712	3.0	19.8
1 6	5 49.71	+17 49.1	1.769	2.718	6.7	20.0
1 16	5 42.36	+18 23.2	1.830	2.724	10.5	20.3
1 26	5 37.36	+18 58.8	1.914	2.730	13.8	20.5

108221 2001 HS_{33} 12 22.4 154°.36 1°.2/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.79	+25 46.3	2.062	2.869	13.5	19.8
11 27	6 26.96	+26 10.5	1.984	2.873	10.3	19.6
12 7	6 18.70	+26 34.1	1.930	2.878	6.5	19.4
12 17	6 8.73	+26 54.1	1.903	2.882	2.6	19.2
12 27	5 58.12	+27 8.6	1.907	2.886	2.3	19.2
1 6	5 48.08	+27 16.6	1.940	2.889	6.2	19.4
1 16	5 39.67	+27 19.1	2.001	2.892	10.0	19.7
1 26	5 33.70	+27 18.1	2.087	2.895	13.1	19.9

388530 2007 GF_{63} 12 22.4 287°.30 1°.9/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.95	+26 44.1	1.551	2.374	16.4	21.3
11 27	6 28.11	+27 6.7	1.461	2.359	12.6	21.0
12 7	6 19.99	+27 28.4	1.394	2.345	8.2	20.7
12 17	6 9.34	+27 45.4	1.352	2.330	3.4	20.4
12 27	5 57.53	+27 54.3	1.337	2.315	3.2	20.4
1 6	5 46.25	+27 54.1	1.349	2.301	8.1	20.6
1 16	5 37.07	+27 46.5	1.387	2.286	12.9	20.9
1 26	5 31.14	+27 34.8	1.447	2.272	17.0	21.1

378553 2008 CN_{138} 12 22.4 318°.98 3°.7/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.58	+30 5.8	1.223	2.061	19.0	20.7
11 27	6 28.66	+30 33.0	1.143	2.048	14.8	20.4
12 7	6 20.75	+30 55.6	1.083	2.034	9.9	20.1
12 17	6 9.69	+31 7.7	1.046	2.021	5.0	19.7
12 27	5 57.23	+31 4.4	1.033	2.009	4.7	19.7
1 6	5 45.55	+30 45.3	1.045	1.998	9.7	19.9
1 16	5 36.60	+30 14.3	1.081	1.987	15.0	20.2
1 26	5 31.69	+29 37.7	1.136	1.977	19.7	20.4

517782 2015 PB_{11} 12 22.4 191°.32 0°.8/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.67	+22 3.0	2.101	2.904	13.4	22.2
11 27	6 27.49	+21 46.1	2.015	2.903	10.2	22.0
12 7	6 18.98	+21 29.1	1.953	2.901	6.5	21.8
12 17	6 8.82	+21 11.4	1.919	2.898	2.4	21.5
12 27	5 58.06	+20 53.1	1.916	2.895	2.2	21.5
1 6	5 47.86	+20 35.0	1.942	2.891	6.2	21.7
1 16	5 39.23	+20 18.3	1.998	2.887	10.0	22.0
1 26	5 32.95	+20 4.8	2.077	2.882	13.3	22.2

486432 2013 FO_{8} 12 22.4 272°.34 4°.7/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.78	+ 9 43.8	1.997	2.791	14.4	22.3
11 27	6 24.82	+ 9 39.5	1.897	2.771	11.5	22.1
12 7	6 17.49	+ 9 46.6	1.820	2.751	8.2	21.9
12 17	6 8.36	+10 6.4	1.769	2.731	5.3	21.7
12 27	5 58.38	+10 39.3	1.747	2.711	5.0	21.6
1 6	5 48.66	+11 23.8	1.753	2.691	7.8	21.7
1 16	5 40.28	+12 17.7	1.787	2.670	11.4	21.9
1 26	5 34.14	+13 18.0	1.845	2.649	14.8	22.1

523454 2017 FH_{68} 12 22.4 108°.44 2°.5/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.94	+29 8.0	2.287	3.089	12.5	21.3
11 27	6 26.15	+29 50.9	2.215	3.100	9.5	21.1
12 7	6 18.12	+30 31.3	2.167	3.111	6.3	20.9
12 17	6 8.51	+31 5.7	2.147	3.121	3.2	20.7
12 27	5 58.33	+31 31.2	2.158	3.131	3.1	20.8
1 6	5 48.68	+31 46.9	2.198	3.141	6.1	21.0
1 16	5 40.55	+31 53.6	2.267	3.151	9.3	21.2
1 26	5 34.69	+31 53.6	2.360	3.160	12.1	21.4

127062 2002 GT_{53} 12 22.4 201.°50 6.°4/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.06	+ 6 5.2	2.110	2.888	14.2	20.5
11 27	6 24.66	+ 5 20.6	2.027	2.885	11.5	20.3
12 7	6 17.16	+ 4 47.1	1.967	2.882	8.8	20.2
12 17	6 8.17	+ 4 27.6	1.934	2.877	6.8	20.0
12 27	5 58.61	+ 4 24.3	1.928	2.873	6.7	20.0
1 6	5 49.48	+ 4 37.3	1.952	2.868	8.7	20.1
1 16	5 41.71	+ 5 5.1	2.001	2.862	11.4	20.3
1 26	5 36.01	+ 5 45.0	2.075	2.856	14.1	20.5

54537 2000 QD_{49} 12 22.4 224.°80 2.°2/22.4 18

11 17	6 32.37	+17 25.0	1.951	2.756	14.2	19.5
11 27	6 26.76	+17 17.4	1.860	2.747	11.0	19.2
12 7	6 18.67	+17 14.5	1.793	2.738	7.2	19.0
12 17	6 8.76	+17 16.2	1.752	2.728	3.3	18.7
12 27	5 58.08	+17 22.1	1.741	2.718	3.0	18.7
1 6	5 47.84	+17 32.0	1.760	2.707	6.9	18.9
1 16	5 39.16	+17 45.6	1.806	2.696	10.9	19.1
1 26	5 32.89	+18 2.7	1.876	2.684	14.4	19.3

156907 2003 EO_{39} 12 22.4 232.°87 2.°2/22.1 18

11 17	6 35.20	+26 15.3	1.874	2.682	14.6	20.4
11 27	6 29.35	+27 8.2	1.783	2.672	11.2	20.2
12 7	6 20.56	+28 2.7	1.715	2.662	7.3	19.9
12 17	6 9.52	+28 54.1	1.675	2.651	3.3	19.7
12 27	5 57.41	+29 37.8	1.664	2.640	3.2	19.6
1 6	5 45.68	+30 11.0	1.682	2.628	7.3	19.9
1 16	5 35.72	+30 33.6	1.728	2.616	11.4	20.1
1 26	5 28.57	+30 48.0	1.798	2.604	15.0	20.3

119415 2001 TC_{84} 12 22.4 187.°91 0.°8/22.4 18

11 17	6 30.75	+21 33.0	2.131	2.938	13.1	20.4
11 27	6 25.27	+21 22.3	2.048	2.938	10.0	20.2
12 7	6 17.57	+21 12.4	1.989	2.937	6.3	20.0
12 17	6 8.32	+21 2.8	1.958	2.937	2.4	19.8
12 27	5 58.52	+20 53.2	1.956	2.936	2.1	19.7
1 6	5 49.24	+20 44.0	1.984	2.934	6.0	20.0
1 16	5 41.44	+20 36.1	2.041	2.933	9.7	20.2
1 26	5 35.86	+20 30.6	2.122	2.931	12.9	20.4

183172 2002 SG_{39} 12 22.4 99.°77 1.°3/22.5 18

11 17	6 35.02	+19 36.0	1.544	2.361	16.8	19.8
11 27	6 29.06	+19 43.5	1.482	2.376	12.8	19.6
12 7	6 20.17	+19 55.6	1.441	2.391	8.1	19.4
12 17	6 9.27	+20 10.7	1.427	2.405	3.1	19.1
12 27	5 57.76	+20 27.1	1.440	2.420	2.7	19.1
1 6	5 47.13	+20 43.8	1.482	2.434	7.5	19.4
1 16	5 38.64	+21 0.6	1.550	2.447	11.9	19.7
1 26	5 33.14	+21 17.9	1.641	2.460	15.6	20.0

267293 2001 SW_{162} 12 22.4 67.°17 1.°3/22.4 18

11 17	6 34.50	+20 34.4	1.420	2.244	17.6	20.4
11 27	6 28.73	+20 27.1	1.367	2.265	13.3	20.2
12 7	6 19.94	+20 23.0	1.335	2.286	8.4	20.0
12 17	6 9.17	+20 21.0	1.328	2.307	3.2	19.8
12 27	5 57.90	+20 20.4	1.348	2.328	2.8	19.8
1 6	5 47.70	+20 21.2	1.396	2.349	7.7	20.1
1 16	5 39.81	+20 24.1	1.470	2.370	12.2	20.4
1 26	5 35.02	+20 29.7	1.566	2.391	16.0	20.7

66141 1998 SG_{142} 12 22.4 176.°06 1.°7/22.5 18 R

11 17	6 34.05	+18 6.0	1.912	2.716	14.5	19.7
11 27	6 27.98	+18 10.3	1.832	2.718	11.1	19.5
12 7	6 19.40	+18 19.6	1.774	2.720	7.2	19.2
12 17	6 9.01	+18 32.8	1.744	2.722	3.1	19.0
12 27	5 57.95	+18 48.9	1.744	2.722	2.7	19.0
1 6	5 47.44	+19 6.9	1.774	2.722	6.8	19.2
1 16	5 38.60	+19 26.5	1.831	2.721	10.7	19.5
1 26	5 32.27	+19 47.6	1.913	2.720	14.2	19.7

492644 2014 OS_{354} 12 22.4 76.°38 3.°6/22.6 18

11 17	6 29.01	+13 33.8	1.957	2.761	14.2	21.7
11 27	6 24.01	+13 19.4	1.883	2.767	11.0	21.5
12 7	6 16.80	+13 12.7	1.833	2.773	7.5	21.3
12 17	6 8.06	+13 14.4	1.809	2.779	4.3	21.1
12 27	5 58.79	+13 24.8	1.814	2.784	4.0	21.1
1 6	5 50.07	+13 43.2	1.847	2.790	7.1	21.3
1 16	5 42.85	+14 8.4	1.908	2.796	10.5	21.5
1 26	5 37.86	+14 39.0	1.993	2.802	13.6	21.7

209797 2005 GO_{44} 12 22.4 7.°33 0.°2/22.4 18

11 17	6 30.69	+23 8.7	1.565	2.391	16.1	20.7
11 27	6 25.98	+23 5.2	1.491	2.391	12.3	20.5
12 7	6 18.37	+23 2.3	1.440	2.392	7.8	20.2
12 17	6 8.69	+22 58.4	1.413	2.393	2.8	19.9
12 27	5 58.27	+22 52.8	1.414	2.395	2.4	19.9
1 6	5 48.58	+22 45.6	1.443	2.397	7.4	20.2
1 16	5 40.90	+22 38.1	1.497	2.399	11.9	20.5
1 26	5 36.13	+22 32.2	1.574	2.402	15.8	20.7

359684 2011 SC_{154} 12 22.4 31.°78 0.°3/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.97	+22 24.6	1.575	2.400	16.1	21.5
11 27	6 26.12	+22 28.1	1.505	2.404	12.2	21.2
12 7	6 18.41	+22 33.3	1.458	2.410	7.7	21.0
12 17	6 8.69	+22 38.5	1.435	2.415	2.8	20.7
12 27	5 58.28	+22 42.5	1.441	2.421	2.4	20.7
1 6	5 48.63	+22 44.9	1.474	2.428	7.3	21.0
1 16	5 40.98	+22 46.5	1.533	2.434	11.7	21.3
1 26	5 36.21	+22 48.7	1.615	2.441	15.5	21.5

321242 2009 BR_{93} 12 22.4 12.°76 0.°8/22.4 17

11 17	6 28.17	+21 59.5	1.203	2.049	18.7	20.8
11 27	6 24.67	+21 54.7	1.143	2.053	14.3	20.6
12 7	6 17.79	+21 52.4	1.102	2.059	9.0	20.3
12 17	6 8.51	+21 51.3	1.085	2.065	3.3	20.0
12 27	5 58.45	+21 50.7	1.093	2.073	2.8	20.0
1 6	5 49.36	+21 50.3	1.125	2.083	8.4	20.3
1 16	5 42.69	+21 51.2	1.182	2.093	13.5	20.6
1 26	5 39.41	+21 54.2	1.258	2.105	17.8	20.9

90352 2003 GK_{49} 12 22.4 143.°11 4.°3/22.6 18

11 17	6 28.44	+10 36.1	2.230	3.021	13.1	20.0
11 27	6 23.32	+10 15.1	2.152	3.026	10.3	19.8
12 7	6 16.25	+10 2.6	2.099	3.030	7.3	19.7
12 17	6 7.86	+10 0.0	2.072	3.034	4.8	19.5
12 27	5 58.99	+10 7.9	2.075	3.037	4.6	19.5
1 6	5 50.58	+10 25.8	2.107	3.041	7.0	19.7
1 16	5 43.47	+10 52.6	2.167	3.044	9.9	19.8
1 26	5 38.31	+11 26.2	2.251	3.048	12.7	20.0

201769 2003 WE_{71} 12 22.4 98.°06 6.°0/22.9 18

11 17	6 38.84	+39 46.9	1.839	2.629	15.6	19.8
11 27	6 32.02	+40 11.2	1.773	2.641	12.5	19.6
12 7	6 22.04	+40 22.2	1.729	2.652	9.2	19.4
12 17	6 9.94	+40 14.4	1.710	2.663	6.6	19.3
12 27	5 57.28	+39 45.0	1.720	2.674	6.3	19.3
1 6	5 45.70	+38 55.9	1.757	2.685	8.6	19.5
1 16	5 36.53	+37 52.8	1.821	2.696	11.6	19.7
1 26	5 30.60	+36 42.6	1.908	2.707	14.6	19.9

453550 2009 WV_{215} 12 22.4 2.°13 1.°2/22.2 17

11 17	6 29.92	+25 13.9	1.558	2.387	16.1	19.3
11 27	6 25.26	+24 1.7	1.484	2.385	12.3	19.1
12 7	6 17.80	+22 43.0	1.432	2.385	7.8	18.8
12 17	6 8.44	+21 19.6	1.406	2.385	2.9	18.5
12 27	5 58.54	+19 55.4	1.408	2.387	2.8	18.5
1 6	5 49.52	+18 35.4	1.438	2.390	7.6	18.8
1 16	5 42.53	+17 24.3	1.494	2.395	12.0	19.1
1 26	5 38.38	+16 25.3	1.573	2.400	15.8	19.3

367431 2008 SB_{29} 12 22.4 41.°98 4.°9/22.3 18

11 17	6 27.06	+10 42.1	2.028	2.828	13.9	20.4
11 27	6 22.37	+ 9 58.9	1.962	2.839	11.0	20.2
12 7	6 15.67	+ 9 24.3	1.919	2.850	7.9	20.0
12 17	6 7.65	+ 9 0.5	1.902	2.861	5.4	19.9
12 27	5 59.21	+ 8 49.0	1.913	2.873	5.3	19.9
1 6	5 51.34	+ 8 50.2	1.953	2.884	7.6	20.1
1 16	5 44.89	+ 9 2.9	2.019	2.896	10.6	20.3
1 26	5 40.49	+ 9 25.4	2.109	2.909	13.3	20.5

360189 2013 CY_{191} 12 22.4 305.°97 1.°3/22.6 18

11 17	6 30.75	+17 42.5	1.687	2.504	15.6	20.3
11 27	6 26.01	+18 16.1	1.600	2.494	12.0	20.0
12 7	6 18.47	+18 58.3	1.536	2.485	7.7	19.8
12 17	6 8.79	+19 47.4	1.498	2.476	3.1	19.5
12 27	5 58.15	+20 40.1	1.488	2.468	2.6	19.4
1 6	5 47.93	+21 33.2	1.507	2.459	7.3	19.7
1 16	5 39.44	+22 24.6	1.552	2.451	11.8	19.9
1 26	5 33.69	+23 13.2	1.621	2.443	15.6	20.1

359423 2010 LY_{39} 12 22.4 148.°50 5.°3/22.6 18

11 17	6 29.45	+ 7 41.4	2.271	3.052	13.2	21.6
11 27	6 23.99	+ 7 8.4	2.197	3.059	10.6	21.4
12 7	6 16.64	+ 6 45.2	2.146	3.066	7.9	21.2
12 17	6 8.00	+ 6 34.1	2.123	3.073	5.7	21.1
12 27	5 58.92	+ 6 36.1	2.128	3.079	5.6	21.1
1 6	5 50.32	+ 6 51.0	2.162	3.085	7.5	21.3
1 16	5 43.01	+ 7 17.4	2.224	3.090	10.2	21.4
1 26	5 37.62	+ 7 53.0	2.310	3.095	12.8	21.6

328797 2009 VF_{20} 12 22.4 45.°52 4.°9/22.2 17

11 17	6 32.63	+35 22.6	2.006	2.808	14.0	20.3
11 27	6 27.18	+36 13.9	1.937	2.816	11.0	20.1
12 7	6 19.02	+36 58.1	1.891	2.824	7.9	19.9
12 17	6 8.92	+37 29.9	1.871	2.832	5.3	19.8
12 27	5 58.12	+37 45.5	1.880	2.840	5.3	19.8
1 6	5 48.01	+37 44.5	1.916	2.848	7.7	19.9
1 16	5 39.77	+37 29.2	1.980	2.857	10.8	20.1
1 26	5 34.26	+37 4.2	2.066	2.865	13.6	20.3

116070 2003 WV_{120} 12 22.4 43°.17 0°.1/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.22	+26 52.5	1.586	2.406	16.3	18.9
11 27	6 28.42	+26 5.8	1.517	2.414	12.4	18.7
12 7	6 19.73	+25 13.0	1.471	2.422	7.8	18.4
12 17	6 9.12	+24 14.0	1.451	2.431	2.8	18.1
12 27	5 58.03	+23 10.9	1.459	2.440	2.4	18.1
1 6	5 47.93	+22 7.4	1.496	2.449	7.3	18.5
1 16	5 40.01	+21 8.0	1.560	2.459	11.7	18.7
1 26	5 35.06	+20 16.1	1.646	2.468	15.4	19.0

484813 2009 EF_{24} 12 22.4 288°.21 3°.2/22.3 17

11 17	6 32.70	+30 18.9	1.768	2.582	15.1	21.7
11 27	6 27.65	+30 50.8	1.677	2.569	11.7	21.5
12 7	6 19.58	+31 19.1	1.610	2.555	7.8	21.2
12 17	6 9.21	+31 39.4	1.568	2.542	4.1	21.0
12 27	5 57.82	+31 47.9	1.554	2.528	4.0	20.9
1 6	5 46.95	+31 43.7	1.568	2.515	7.7	21.1
1 16	5 38.00	+31 28.8	1.609	2.501	11.9	21.3
1 26	5 32.01	+31 7.2	1.672	2.488	15.5	21.5

359348 2009 SB_{233} 12 22.4 133°.74 2°.8/22.3 18

11 17	6 33.31	+32 44.8	2.835	3.620	10.8	22.2
11 27	6 26.78	+33 16.2	2.763	3.636	8.3	22.1
12 7	6 18.33	+33 42.5	2.717	3.652	5.6	21.9
12 17	6 8.60	+34 0.8	2.700	3.667	3.3	21.8
12 27	5 58.45	+34 9.3	2.715	3.682	3.2	21.8
1 6	5 48.82	+34 7.8	2.760	3.696	5.4	22.0
1 16	5 40.52	+33 57.7	2.835	3.709	8.0	22.2
1 26	5 34.17	+33 41.7	2.936	3.722	10.3	22.4

492180 2013 QN_{19} 12 22.4 119°.80 3°.5/22.5 17

11 17	6 31.93	+34 59.4	2.592	3.382	11.5	22.3
11 27	6 25.96	+35 24.2	2.519	3.392	9.0	22.2
12 7	6 17.92	+35 42.2	2.469	3.402	6.3	22.0
12 17	6 8.47	+35 50.3	2.448	3.412	4.0	21.9
12 27	5 58.57	+35 46.7	2.457	3.421	3.9	21.9
1 6	5 49.24	+35 31.6	2.496	3.430	6.0	22.0
1 16	5 41.36	+35 7.1	2.564	3.439	8.6	22.2
1 26	5 35.62	+34 36.6	2.656	3.448	11.1	22.4

214527 2006 KV_{7} 12 22.4 65°.41 1°.9/22.3 18

11 17	6 36.96	+25 11.7	1.210	2.044	19.5	20.0
11 27	6 31.36	+25 53.7	1.158	2.061	14.8	19.8
12 7	6 22.00	+26 36.4	1.126	2.079	9.4	19.6
12 17	6 10.03	+27 14.3	1.118	2.097	3.7	19.3
12 27	5 57.29	+27 42.4	1.136	2.115	3.4	19.3
1 6	5 45.78	+27 59.4	1.180	2.133	8.8	19.7
1 16	5 37.10	+28 6.9	1.248	2.151	13.7	20.0
1 26	5 32.21	+28 8.8	1.338	2.169	17.8	20.3

491514 2012 JC_{29} 12 22.4 300°.48 5°.6/21.7 17

11 17	6 33.62	+37 17.4	2.235	3.026	13.1	21.4
11 27	6 27.96	+38 28.8	2.155	3.024	10.5	21.2
12 7	6 19.58	+39 33.7	2.099	3.023	7.8	21.1
12 17	6 9.18	+40 25.9	2.071	3.021	5.8	20.9
12 27	5 57.90	+41 1.0	2.071	3.020	5.9	20.9
1 6	5 47.08	+41 17.1	2.100	3.019	8.0	21.1
1 16	5 37.95	+41 16.1	2.156	3.017	10.7	21.2
1 26	5 31.47	+41 2.0	2.235	3.016	13.2	21.4

446400 2014 HD_{185} 12 22.4 146°.75 1°.1/22.5 18

11 17	6 31.77	+19 37.2	2.028	2.835	13.7	21.8
11 27	6 26.12	+19 41.7	1.952	2.841	10.4	21.6
12 7	6 18.16	+19 49.6	1.899	2.846	6.6	21.4
12 17	6 8.60	+19 59.8	1.873	2.852	2.6	21.1
12 27	5 58.46	+20 11.3	1.877	2.857	2.3	21.1
1 6	5 48.89	+20 23.6	1.911	2.861	6.2	21.4
1 16	5 40.87	+20 36.5	1.973	2.865	10.0	21.6
1 26	5 35.17	+20 50.3	2.060	2.869	13.2	21.8

110792 2001 UJ_{36} 12 22.4 357°.76 4°.3/22.9 18

11 17	6 26.36	+12 30.4	1.431	2.258	17.3	18.6
11 27	6 22.86	+12 30.4	1.358	2.254	13.6	18.3
12 7	6 16.52	+12 43.3	1.306	2.251	9.3	18.1
12 17	6 8.10	+13 10.0	1.278	2.250	5.3	17.8
12 27	5 58.86	+13 49.6	1.276	2.249	4.9	17.8
1 6	5 50.22	+14 39.6	1.300	2.249	8.6	18.0
1 16	5 43.47	+15 36.7	1.349	2.251	12.9	18.3
1 26	5 39.56	+16 37.5	1.419	2.254	16.8	18.5

43411 2000 WN_{153} 12 22.4 31°.62 1°.3/22.2 18

11 17	6 33.61	+21 43.0	1.525	2.347	16.7	18.3
11 27	6 28.45	+22 58.4	1.454	2.352	12.7	18.0
12 7	6 20.13	+24 21.1	1.405	2.357	8.0	17.8
12 17	6 9.43	+25 45.5	1.383	2.362	3.0	17.5
12 27	5 57.72	+27 4.9	1.389	2.368	2.9	17.5
1 6	5 46.63	+28 14.5	1.423	2.374	7.8	17.8
1 16	5 37.64	+29 12.0	1.484	2.380	12.4	18.1
1 26	5 31.80	+29 58.6	1.567	2.387	16.2	18.3

214371 2005 LO_{6} 12 22.4 168°.46 0°.9/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.58	+21 32.1	2.460	3.258	11.8	21.1
11 27	6 25.57	+21 14.1	2.377	3.262	9.0	21.0
12 7	6 17.63	+20 56.2	2.319	3.266	5.7	20.8
12 17	6 8.38	+20 38.2	2.290	3.269	2.2	20.5
12 27	5 58.70	+20 20.3	2.293	3.272	1.9	20.5
1 6	5 49.51	+20 3.2	2.326	3.274	5.4	20.8
1 16	5 41.65	+19 47.8	2.388	3.275	8.7	21.0
1 26	5 35.75	+19 35.3	2.476	3.276	11.6	21.2

488949 2005 UQ_{169} 12 22.4 43°.85 5°.2/22.2 18 R

11 17	6 35.58	+32 5.9	1.281	2.111	18.8	20.5
11 27	6 30.48	+33 5.9	1.227	2.124	14.6	20.3
12 7	6 21.56	+33 59.4	1.193	2.138	10.0	20.1
12 17	6 9.92	+34 38.8	1.183	2.153	6.0	19.9
12 27	5 57.42	+34 58.4	1.199	2.168	5.8	19.9
1 6	5 46.11	+34 57.6	1.240	2.184	9.6	20.2
1 16	5 37.64	+34 40.7	1.305	2.200	13.8	20.5
1 26	5 33.01	+34 14.1	1.391	2.217	17.6	20.8

1349 Bechuana 12 22.4 202°.76 2°.4/22.5 18

11 17	6 31.59	+31 55.7	2.676	3.468	11.1	15.9
11 27	6 25.67	+32 2.1	2.586	3.464	8.6	15.8
12 7	6 17.75	+32 3.2	2.521	3.460	5.7	15.6
12 17	6 8.45	+31 56.5	2.484	3.456	3.0	15.4
12 27	5 58.65	+31 41.1	2.479	3.451	2.8	15.4
1 6	5 49.33	+31 17.3	2.504	3.446	5.5	15.5
1 16	5 41.32	+30 47.1	2.558	3.441	8.4	15.7
1 26	5 35.32	+30 13.3	2.638	3.435	11.0	15.9

26501 Sachiko 12 22.4 77°.12 7°.4/22.6 18

11 17	6 39.66	+41 27.4	1.811	2.597	15.9	17.9
11 27	6 32.86	+42 28.3	1.757	2.618	12.9	17.8
12 7	6 22.71	+43 15.6	1.725	2.638	9.9	17.6
12 17	6 10.27	+43 42.0	1.718	2.659	7.7	17.6
12 27	5 57.18	+43 43.2	1.739	2.680	7.6	17.6
1 6	5 45.21	+43 20.2	1.786	2.700	9.5	17.7
1 16	5 35.79	+42 38.1	1.859	2.720	12.1	17.9
1 26	5 29.78	+41 44.3	1.955	2.740	14.7	18.2

497584 2006 HJ_{24} 12 22.4 246°.62 0°.4/22.4 18

11 17	6 29.01	+24 6.9	2.777	3.575	10.6	22.3
11 27	6 23.70	+24 20.7	2.674	3.559	8.1	22.1
12 7	6 16.55	+24 34.7	2.596	3.543	5.1	21.8
12 17	6 8.05	+24 47.4	2.547	3.526	1.9	21.6
12 27	5 58.97	+24 57.7	2.529	3.509	1.6	21.5
1 6	5 50.14	+25 4.8	2.542	3.491	5.0	21.8
1 16	5 42.38	+25 9.2	2.585	3.473	8.1	21.9
1 26	5 36.36	+25 11.8	2.654	3.455	10.9	22.1

86488 2000 DQ_{5} 12 22.4 222°.97 1°.2/22.4 18

11 17	6 33.75	+20 28.3	1.877	2.685	14.6	20.5
11 27	6 27.98	+20 23.2	1.787	2.676	11.2	20.3
12 7	6 19.56	+20 20.4	1.719	2.667	7.2	20.0
12 17	6 9.20	+20 19.0	1.679	2.658	2.8	19.7
12 27	5 58.01	+20 18.4	1.668	2.647	2.5	19.7
1 6	5 47.31	+20 18.6	1.687	2.637	6.9	20.0
1 16	5 38.29	+20 19.9	1.733	2.625	11.1	20.2
1 26	5 31.86	+20 23.5	1.803	2.613	14.8	20.4

237847 2002 FE_{32} 12 22.4 280°.12 0°.8/22.5 18

11 17	6 31.52	+20 12.9	1.675	2.494	15.6	20.6
11 27	6 26.63	+20 26.6	1.588	2.484	12.0	20.3
12 7	6 18.89	+20 44.9	1.524	2.474	7.7	20.0
12 17	6 9.00	+21 6.4	1.485	2.465	2.9	19.7
12 27	5 58.17	+21 28.9	1.475	2.455	2.5	19.7
1 6	5 47.82	+21 51.1	1.492	2.445	7.3	19.9
1 16	5 39.27	+22 12.5	1.536	2.435	11.9	20.2
1 26	5 33.53	+22 33.4	1.603	2.426	15.8	20.4

146063 2000 FU_{50} 12 22.4 181°.69 0°.8/22.4 18

11 17	6 31.09	+21 7.4	2.068	2.876	13.4	20.8
11 27	6 25.63	+21 3.1	1.986	2.877	10.2	20.6
12 7	6 17.89	+21 0.4	1.928	2.877	6.5	20.4
12 17	6 8.54	+20 58.5	1.898	2.877	2.5	20.2
12 27	5 58.61	+20 56.9	1.897	2.876	2.1	20.1
1 6	5 49.19	+20 55.5	1.926	2.876	6.2	20.4
1 16	5 41.30	+20 55.0	1.982	2.875	9.9	20.6
1 26	5 35.69	+20 56.1	2.063	2.874	13.2	20.8

276376 2002 VN_{101} 12 22.4 14°.76 0°.6/22.5 18

11 17	6 27.60	+20 9.6	0.974	1.834	21.0	19.3
11 27	6 24.87	+20 36.7	0.922	1.839	16.0	19.0
12 7	6 18.25	+21 12.0	0.888	1.847	10.2	18.7
12 17	6 8.81	+21 52.3	0.875	1.856	3.7	18.4
12 27	5 58.41	+22 33.4	0.886	1.867	3.1	18.4
1 6	5 49.13	+23 11.9	0.920	1.879	9.3	18.8
1 16	5 42.69	+23 46.2	0.975	1.894	14.9	19.2
1 26	5 40.14	+24 16.6	1.050	1.909	19.6	19.5

64662 2001 XQ_{60} 12 22.4 18°.02 0°.1/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.71	+22 12.1	1.168	2.014	19.2	18.4
11 27	6 25.99	+22 27.3	1.109	2.020	14.6	18.2
12 7	6 18.73	+22 46.1	1.070	2.027	9.2	17.9
12 17	6 8.95	+23 6.0	1.054	2.035	3.3	17.6
12 27	5 58.29	+23 24.2	1.063	2.044	2.8	17.6
1 6	5 48.65	+23 39.3	1.097	2.054	8.6	18.0
1 16	5 41.56	+23 51.7	1.154	2.066	13.8	18.3
1 26	5 38.02	+24 2.8	1.232	2.078	18.1	18.6

130283 Elizabethgraham 12 22.4 315°.69 5°.2/21.6 17

11 17	6 32.70	+35 35.7	2.196	2.992	13.1	20.0
11 27	6 27.32	+36 49.5	2.113	2.987	10.4	19.8
12 7	6 19.24	+37 58.4	2.053	2.982	7.6	19.6
12 17	6 9.13	+38 56.3	2.021	2.977	5.5	19.4
12 27	5 58.07	+39 38.4	2.018	2.972	5.6	19.4
1 6	5 47.42	+40 2.6	2.044	2.967	7.9	19.6
1 16	5 38.39	+40 10.1	2.096	2.962	10.7	19.7
1 26	5 31.98	+40 4.4	2.172	2.958	13.4	19.9

434613 2005 UW_{399} 12 22.4 121°.21 4°.2/22.2 16

11 17	6 34.60	+14 4.5	1.864	2.662	15.1	21.7
11 27	6 28.15	+13 17.0	1.800	2.679	11.7	21.5
12 7	6 19.35	+12 35.5	1.759	2.696	8.0	21.3
12 17	6 9.03	+12 2.1	1.745	2.712	4.8	21.2
12 27	5 58.30	+11 38.4	1.761	2.728	4.7	21.2
1 6	5 48.33	+11 25.4	1.806	2.742	7.7	21.4
1 16	5 40.13	+11 23.1	1.878	2.757	11.1	21.7
1 26	5 34.36	+11 30.3	1.973	2.770	14.2	21.9

113319 2002 RZ_{200} 12 22.4 37°.59 2°.5/22.5 17

11 17	6 27.56	+16 4.7	2.029	2.839	13.6	19.4
11 27	6 22.88	+15 56.8	1.959	2.848	10.4	19.2
12 7	6 16.10	+15 54.6	1.911	2.856	6.9	19.0
12 17	6 7.90	+15 58.3	1.891	2.865	3.4	18.8
12 27	5 59.21	+16 7.7	1.900	2.875	3.1	18.8
1 6	5 51.08	+16 22.3	1.937	2.884	6.4	19.0
1 16	5 44.38	+16 41.3	2.002	2.894	9.9	19.3
1 26	5 39.81	+17 3.9	2.090	2.904	12.9	19.5

247198 2001 OM_{86} 12 22.4 66°.58 0°.8/22.3 18

11 17	6 34.16	+22 29.4	1.766	2.578	15.2	20.3
11 27	6 28.16	+23 19.1	1.710	2.603	11.4	20.1
12 7	6 19.53	+24 11.5	1.678	2.628	7.2	19.9
12 17	6 9.13	+25 2.7	1.673	2.652	2.6	19.7
12 27	5 58.20	+25 49.0	1.697	2.677	2.3	19.7
1 6	5 48.07	+26 28.0	1.751	2.702	6.6	20.1
1 16	5 39.85	+26 59.7	1.832	2.726	10.5	20.4
1 26	5 34.34	+27 25.2	1.937	2.750	13.8	20.6

309600 2008 BD_{20} 12 22.4 341°.46 1°.2/22.4 17

11 17	6 29.77	+25 38.3	1.551	2.380	16.1	21.1
11 27	6 25.55	+25 52.8	1.472	2.373	12.3	20.9
12 7	6 18.29	+26 6.8	1.414	2.366	7.9	20.6
12 17	6 8.81	+26 17.4	1.381	2.360	3.1	20.3
12 27	5 58.42	+26 22.3	1.375	2.355	2.7	20.2
1 6	5 48.67	+26 21.0	1.396	2.350	7.6	20.5
1 16	5 40.93	+26 14.9	1.443	2.346	12.2	20.8
1 26	5 36.21	+26 6.5	1.512	2.343	16.1	21.0

256812 2008 CU_{114} 12 22.4 110°.51 2°.5/22.4 18

11 17	6 30.30	+16 59.2	1.975	2.782	14.0	21.3
11 27	6 25.01	+16 41.1	1.900	2.788	10.7	21.1
12 7	6 17.48	+16 27.5	1.849	2.794	7.0	20.9
12 17	6 8.41	+16 18.8	1.825	2.800	3.4	20.7
12 27	5 58.81	+16 15.4	1.830	2.806	3.2	20.7
1 6	5 49.79	+16 17.2	1.865	2.811	6.7	20.9
1 16	5 42.32	+16 24.2	1.926	2.817	10.3	21.1
1 26	5 37.12	+16 36.0	2.012	2.822	13.5	21.4

442365 2011 SJ_{250} 12 22.4 90°.80 2°.7/22.4 16

11 17	6 33.73	+17 9.8	1.906	2.709	14.6	21.8
11 27	6 27.41	+16 41.7	1.849	2.734	11.1	21.6
12 7	6 18.84	+16 17.9	1.816	2.760	7.2	21.4
12 17	6 8.84	+15 59.1	1.810	2.784	3.6	21.3
12 27	5 58.52	+15 45.8	1.834	2.808	3.3	21.3
1 6	5 49.01	+15 38.4	1.887	2.832	6.8	21.5
1 16	5 41.25	+15 37.2	1.968	2.855	10.3	21.8
1 26	5 35.88	+15 41.8	2.073	2.878	13.3	22.1

232099 2001 XY_{133} 12 22.4 333°.76 0°.2/22.4 18

11 17	6 29.02	+23 0.7	1.274	2.116	18.2	20.5
11 27	6 25.59	+23 14.1	1.194	2.102	14.0	20.2
12 7	6 18.67	+23 30.3	1.134	2.090	8.9	19.9
12 17	6 9.04	+23 47.0	1.098	2.078	3.2	19.5
12 27	5 58.21	+24 1.4	1.086	2.067	2.8	19.4
1 6	5 48.01	+24 12.3	1.101	2.057	8.6	19.8
1 16	5 40.12	+24 20.1	1.138	2.049	14.0	20.0
1 26	5 35.75	+24 26.6	1.196	2.041	18.6	20.3

374696 2006 RZ_{20} 12 22.4 236°.03 5°.4/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.73	+34 30.8	1.457	2.273	17.7	21.4
11 27	6 32.09	+35 11.3	1.383	2.271	14.0	21.2
12 7	6 22.67	+35 43.4	1.329	2.269	9.8	20.9
12 17	6 10.44	+35 59.8	1.300	2.267	6.2	20.7
12 27	5 57.11	+35 55.6	1.297	2.265	6.0	20.7
1 6	5 44.72	+35 30.8	1.321	2.262	9.5	20.9
1 16	5 34.99	+34 50.2	1.370	2.260	13.7	21.1
1 26	5 29.05	+34 1.1	1.440	2.258	17.5	21.4

362471 2010 RQ_{177} 12 22.4 149°.66 1°.1/22.5 18

11 17	6 30.55	+19 33.3	2.141	2.946	13.1	21.6
11 27	6 25.14	+19 37.8	2.062	2.950	10.0	21.4
12 7	6 17.56	+19 45.4	2.007	2.954	6.4	21.2
12 17	6 8.47	+19 55.4	1.979	2.958	2.5	20.9
12 27	5 58.82	+20 6.9	1.982	2.961	2.2	20.9
1 6	5 49.68	+20 19.2	2.014	2.964	6.0	21.1
1 16	5 41.98	+20 32.3	2.075	2.967	9.6	21.4
1 26	5 36.45	+20 46.3	2.160	2.970	12.7	21.6

290641 2005 UZ_{259} 12 22.4 31°.71 1°.2/22.5 17

11 17	6 29.45	+20 0.0	1.896	2.710	14.2	21.3
11 27	6 24.56	+19 57.0	1.820	2.714	10.8	21.0
12 7	6 17.31	+19 57.0	1.767	2.717	6.9	20.8
12 17	6 8.40	+19 59.4	1.742	2.720	2.7	20.6
12 27	5 58.89	+20 3.5	1.745	2.724	2.4	20.5
1 6	5 49.97	+20 9.1	1.776	2.728	6.5	20.8
1 16	5 42.64	+20 16.3	1.835	2.732	10.4	21.1
1 26	5 37.70	+20 25.4	1.918	2.736	13.7	21.3

269201 2008 HD_{68} 12 22.4 20°.53 5°.4/22.6 18

11 17	6 30.70	+12 44.6	1.293	2.120	18.8	20.7
11 27	6 26.33	+12 11.8	1.227	2.122	14.8	20.4
12 7	6 18.80	+11 50.2	1.182	2.125	10.3	20.2
12 17	6 9.00	+11 42.5	1.160	2.129	6.3	19.9
12 27	5 58.39	+11 49.8	1.163	2.133	5.9	19.9
1 6	5 48.60	+12 11.5	1.191	2.137	9.7	20.2
1 16	5 41.02	+12 45.3	1.244	2.142	14.1	20.4
1 26	5 36.62	+13 28.1	1.317	2.147	18.1	20.7

16409 1986 CZ_{1} 12 22.4 204°.61 1°.1/22.5 18

11 17	6 37.18	+26 37.4	1.605	2.419	16.4	18.3
11 27	6 31.05	+26 35.0	1.523	2.416	12.6	18.1
12 7	6 21.71	+26 29.2	1.463	2.412	8.1	17.8
12 17	6 10.05	+26 17.5	1.429	2.408	3.1	17.5
12 27	5 57.49	+25 58.3	1.424	2.403	2.6	17.5
1 6	5 45.69	+25 32.6	1.447	2.398	7.6	17.7
1 16	5 36.09	+25 3.4	1.496	2.392	12.3	18.0
1 26	5 29.68	+24 34.7	1.568	2.386	16.3	18.2

371445 2006 SM_{285} 12 22.4 25°.40 3°.3/22.3 17

11 17	6 32.33	+30 22.8	1.694	2.512	15.5	21.1
11 27	6 27.29	+30 57.2	1.622	2.515	11.9	20.9
12 7	6 19.28	+31 27.4	1.573	2.519	7.9	20.7
12 17	6 9.16	+31 48.8	1.550	2.523	4.2	20.4
12 27	5 58.26	+31 58.2	1.554	2.528	4.0	20.4
1 6	5 48.10	+31 54.9	1.586	2.533	7.6	20.7
1 16	5 39.99	+31 41.4	1.644	2.538	11.6	20.9
1 26	5 34.86	+31 21.5	1.725	2.543	15.0	21.1

319431 2006 JG_{7} 12 22.4 173°.94 4°.0/22.3 18

11 17	6 26.71	+ 9 53.9	2.889	3.668	10.7	20.8
11 27	6 21.65	+ 9 18.4	2.806	3.670	8.5	20.6
12 7	6 15.10	+ 8 49.2	2.748	3.672	6.2	20.5
12 17	6 7.54	+ 8 27.8	2.719	3.673	4.3	20.4
12 27	5 59.63	+ 8 15.4	2.719	3.674	4.3	20.4
1 6	5 52.06	+ 8 12.4	2.750	3.675	6.0	20.5
1 16	5 45.46	+ 8 18.2	2.810	3.675	8.3	20.6
1 26	5 40.36	+ 8 32.1	2.895	3.675	10.6	20.8

281086 2006 SN_{220} 12 22.4 39°.36 3°.9/22.3 18

11 17	6 31.27	+16 41.6	1.386	2.213	17.8	20.0
11 27	6 26.20	+15 52.5	1.340	2.238	13.6	19.8
12 7	6 18.34	+15 9.7	1.315	2.263	9.0	19.6
12 17	6 8.72	+14 35.3	1.315	2.288	4.8	19.4
12 27	5 58.74	+14 11.2	1.342	2.315	4.6	19.5
1 6	5 49.85	+13 58.3	1.395	2.342	8.4	19.8
1 16	5 43.13	+13 56.2	1.473	2.369	12.4	20.1
1 26	5 39.29	+14 3.7	1.573	2.397	15.9	20.3

407130 2009 SO_{350} 12 22.4 24°.73 0°.3/22.4 17

11 17	6 29.04	+23 1.6	1.736	2.558	14.9	21.0
11 27	6 24.49	+23 21.2	1.668	2.566	11.3	20.8
12 7	6 17.36	+23 42.6	1.623	2.574	7.1	20.5
12 17	6 8.44	+24 3.5	1.604	2.583	2.6	20.3
12 27	5 58.89	+24 21.9	1.613	2.593	2.2	20.3
1 6	5 50.01	+24 36.8	1.650	2.603	6.7	20.6
1 16	5 42.92	+24 48.4	1.713	2.614	10.7	20.8
1 26	5 38.42	+24 57.8	1.800	2.625	14.2	21.1

351050 2003 SG_{248} 12 22.4 29°.74 3°.5/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.48	+29 58.7	1.147	1.990	19.7	19.9
11 27	6 28.10	+30 25.8	1.103	2.010	15.0	19.7
12 7	6 19.99	+30 46.5	1.079	2.031	9.8	19.4
12 17	6 9.38	+30 55.6	1.078	2.054	4.8	19.2
12 27	5 58.20	+30 50.3	1.101	2.077	4.4	19.3
1 6	5 48.40	+30 31.8	1.149	2.102	8.9	19.6
1 16	5 41.48	+30 4.6	1.221	2.128	13.6	20.0
1 26	5 38.26	+29 34.0	1.313	2.155	17.5	20.3

76128 2000 EZ_6 12 22.4 309°.54 4°.7/22.5 18

11 17	6 26.48	+10 46.0	2.061	2.862	13.7	19.2
11 27	6 22.25	+10 18.8	1.966	2.844	10.9	19.0
12 7	6 15.87	+10 0.2	1.894	2.827	7.8	18.8
12 17	6 7.92	+ 9 52.0	1.848	2.810	5.2	18.6
12 27	5 59.28	+ 9 55.7	1.831	2.793	5.1	18.6
1 6	5 50.95	+10 11.2	1.841	2.777	7.7	18.7
1 16	5 43.90	+10 37.5	1.878	2.761	11.0	18.9
1 26	5 38.93	+11 12.8	1.939	2.745	14.1	19.0

101487 1998 WB_{40} 12 22.4 85°.85 7°.1/21.5 18

11 17	6 47.89	+36 27.5	1.668	2.455	17.0	19.9
11 27	6 39.34	+38 28.2	1.624	2.491	13.5	19.7
12 7	6 26.99	+40 19.0	1.605	2.526	9.9	19.6
12 17	6 11.93	+41 48.8	1.612	2.560	7.4	19.5
12 27	5 55.99	+42 49.8	1.649	2.594	7.6	19.6
1 6	5 41.22	+43 20.7	1.714	2.626	9.9	19.8
1 16	5 29.31	+43 26.2	1.806	2.658	12.9	20.1
1 26	5 21.28	+43 14.3	1.920	2.689	15.5	20.3

130071 Claudebrunet 12 22.4 74°.03 7°.6/22.9 18

11 17	6 32.67	+ 4 52.9	1.692	2.477	16.9	20.0
11 27	6 26.73	+ 4 0.3	1.646	2.506	13.7	19.9
12 7	6 18.47	+ 3 23.5	1.622	2.535	10.5	19.7
12 17	6 8.74	+ 3 6.0	1.622	2.563	8.1	19.7
12 27	5 58.72	+ 3 9.3	1.649	2.591	7.8	19.7
1 6	5 49.56	+ 3 32.1	1.704	2.619	9.7	19.9
1 16	5 42.22	+ 4 11.3	1.783	2.646	12.5	20.1
1 26	5 37.34	+ 5 2.4	1.885	2.673	15.1	20.3

264805 2002 PP_4 12 22.4 198°.68 7°.9/23.2 18

11 17	6 26.55	− 2 13.2	2.456	3.200	13.3	20.3
11 27	6 21.80	− 2 48.8	2.379	3.200	11.4	20.1
12 7	6 15.33	− 3 8.9	2.323	3.199	9.5	20.0
12 17	6 7.66	− 3 10.6	2.292	3.198	8.1	19.9
12 27	5 59.55	− 2 52.1	2.288	3.196	8.0	19.9
1 6	5 51.80	− 2 14.2	2.311	3.195	9.1	20.0
1 16	5 45.15	− 1 19.4	2.361	3.194	10.9	20.1
1 26	5 40.20	− 0 11.5	2.434	3.192	12.9	20.2

224847 2006 XN_{49} 12 22.4 79°.85 2°.4/22.7 18

11 17	6 34.78	+16 0.4	1.447	2.265	17.7	20.6
11 27	6 29.05	+16 20.5	1.389	2.282	13.5	20.4
12 7	6 20.32	+16 50.2	1.351	2.299	8.8	20.2
12 17	6 9.51	+17 27.8	1.339	2.316	3.9	19.9
12 27	5 58.04	+18 10.4	1.355	2.333	3.3	19.9
1 6	5 47.48	+18 55.3	1.398	2.350	7.9	20.2
1 16	5 39.11	+19 40.4	1.468	2.366	12.3	20.5
1 26	5 33.80	+20 24.4	1.560	2.383	16.1	20.8

269315 2008 SD_{166} 12 22.4 26°.89 0°.1/22.4 17

11 17	6 28.39	+22 35.6	1.940	2.757	13.8	20.2
11 27	6 23.74	+22 46.2	1.869	2.765	10.5	20.0
12 7	6 16.78	+22 58.2	1.821	2.772	6.6	19.8
12 17	6 8.22	+23 10.1	1.800	2.780	2.4	19.6
12 27	5 59.11	+23 20.6	1.808	2.788	2.0	19.5
1 6	5 50.59	+23 29.1	1.845	2.797	6.2	19.8
1 16	5 43.65	+23 36.0	1.908	2.807	9.9	20.1
1 26	5 39.05	+23 42.1	1.996	2.816	13.2	20.3

364439 2006 WK_{189} 12 22.4 351°.71 1°.8/22.7 17

11 17	6 27.65	+16 51.5	1.465	2.295	16.8	20.1
11 27	6 23.98	+17 18.5	1.388	2.289	13.0	19.9
12 7	6 17.36	+17 55.7	1.332	2.283	8.4	19.6
12 17	6 8.54	+18 41.4	1.300	2.279	3.6	19.3
12 27	5 58.78	+19 33.0	1.296	2.275	3.0	19.3
1 6	5 49.56	+20 27.0	1.318	2.273	7.8	19.5
1 16	5 42.25	+21 20.6	1.365	2.271	12.5	19.8
1 26	5 37.88	+22 12.2	1.435	2.271	16.6	20.1

59190 1999 AZ_{21} 12 22.4 3°.44 0°.2/22.4 18

11 17	6 28.08	+25 38.8	1.050	1.907	20.1	17.6
11 27	6 25.18	+25 12.3	0.989	1.905	15.4	17.3
12 7	6 18.45	+24 41.6	0.946	1.904	9.8	17.0
12 17	6 8.95	+24 5.9	0.925	1.906	3.5	16.7
12 27	5 58.52	+23 26.1	0.927	1.908	3.0	16.6
1 6	5 49.22	+22 45.3	0.954	1.913	9.2	17.0
1 16	5 42.68	+22 7.6	1.002	1.919	14.8	17.3
1 26	5 39.94	+21 36.4	1.070	1.927	19.4	17.7

415263 2012 LT_{12} 12 22.4 147°.83 2°.2/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.92	+15 1.1	2.542	3.337	11.6	21.0
11 27	6 22.84	+15 7.9	2.460	3.341	8.9	20.8
12 7	6 15.98	+15 20.5	2.404	3.345	5.9	20.6
12 17	6 7.91	+15 38.6	2.375	3.348	3.0	20.4
12 27	5 59.38	+16 1.7	2.377	3.352	2.7	20.4
1 6	5 51.22	+16 28.7	2.410	3.355	5.5	20.6
1 16	5 44.20	+16 58.5	2.471	3.358	8.5	20.8
1 26	5 38.93	+17 30.4	2.558	3.361	11.2	21.0

435581 2008 RE_{119} 12 22.4 96°.74 0°.3/22.5 15

11 17	6 35.50	+21 54.1	1.725	2.536	15.5	22.7
11 27	6 29.18	+22 4.3	1.666	2.557	11.8	22.5
12 7	6 20.19	+22 16.5	1.629	2.578	7.4	22.3
12 17	6 9.42	+22 28.5	1.619	2.599	2.7	22.0
12 27	5 58.17	+22 38.8	1.638	2.619	2.2	22.0
1 6	5 47.78	+22 46.9	1.687	2.638	6.8	22.3
1 16	5 39.38	+22 53.3	1.762	2.657	10.8	22.6
1 26	5 33.74	+22 59.3	1.862	2.676	14.3	22.9

291862 2006 PX 12 22.4 103°.46 1°.7/22.5 18

11 17	6 32.28	+18 7.4	1.993	2.797	14.0	20.9
11 27	6 26.44	+18 9.4	1.927	2.814	10.6	20.7
12 7	6 18.35	+18 15.9	1.885	2.831	6.8	20.5
12 17	6 8.76	+18 26.1	1.870	2.847	2.9	20.3
12 27	5 58.70	+18 39.1	1.885	2.863	2.5	20.3
1 6	5 49.31	+18 54.1	1.930	2.879	6.3	20.6
1 16	5 41.52	+19 10.9	2.002	2.894	9.9	20.9
1 26	5 36.04	+19 29.3	2.099	2.909	13.0	21.1

237866 2002 JC_6 12 22.4 290°.03 6°.9/22.8 18

11 17	6 29.47	+ 6 28.3	1.705	2.500	16.4	19.3
11 27	6 24.80	+ 5 55.1	1.626	2.495	13.3	19.1
12 7	6 17.61	+ 5 36.1	1.567	2.490	10.1	18.9
12 17	6 8.58	+ 5 34.6	1.534	2.484	7.5	18.7
12 27	5 58.80	+ 5 52.1	1.527	2.479	7.2	18.7
1 6	5 49.52	+ 6 28.0	1.546	2.474	9.6	18.8
1 16	5 41.86	+ 7 19.4	1.592	2.469	12.9	19.0
1 26	5 36.69	+ 8 22.1	1.659	2.464	16.1	19.2

41578 2000 SE_3 12 22.4 115°.75 15°.8/21.8 18

11 17	6 53.91	+52 8.9	1.266	2.034	22.4	19.0
11 27	6 47.29	+54 35.3	1.218	2.043	19.8	18.9
12 7	6 33.90	+56 38.2	1.187	2.051	17.4	18.7
12 17	6 14.88	+57 58.7	1.176	2.060	16.0	18.7
12 27	5 53.49	+58 22.9	1.186	2.068	16.0	18.7
1 6	5 34.10	+57 50.8	1.218	2.075	17.4	18.8
1 16	5 20.09	+56 34.5	1.268	2.083	19.6	19.0
1 26	5 12.96	+54 52.2	1.336	2.090	21.9	19.2

297361 2000 CE_{131} 12 22.4 41°.29 0°.8/22.5 18

11 17	6 31.14	+21 6.3	1.522	2.348	16.5	20.9
11 27	6 26.29	+21 9.6	1.460	2.359	12.5	20.6
12 7	6 18.58	+21 15.9	1.419	2.371	7.9	20.4
12 17	6 8.90	+21 23.9	1.403	2.383	2.9	20.1
12 27	5 58.60	+21 32.3	1.415	2.396	2.5	20.1
1 6	5 49.13	+21 40.4	1.455	2.409	7.3	20.5
1 16	5 41.72	+21 48.6	1.520	2.422	11.7	20.7
1 26	5 37.20	+21 57.7	1.608	2.436	15.5	21.0

179915 2002 VE_{35} 12 22.4 359°.41 1°.5/22.4 18

11 17	6 30.83	+26 20.0	1.634	2.457	15.7	19.8
11 27	6 26.18	+26 38.1	1.558	2.456	12.0	19.5
12 7	6 18.62	+26 55.0	1.504	2.455	7.7	19.3
12 17	6 8.96	+27 7.6	1.476	2.455	3.1	19.0
12 27	5 58.51	+27 13.7	1.476	2.455	2.7	19.0
1 6	5 48.73	+27 12.6	1.503	2.456	7.3	19.3
1 16	5 40.92	+27 6.0	1.557	2.457	11.6	19.5
1 26	5 36.02	+26 56.5	1.632	2.458	15.4	19.8

492347 2014 HT_8 12 22.4 239°.72 2°.5/22.5 18

11 17	6 32.09	+16 44.5	2.102	2.902	13.5	23.1
11 27	6 26.52	+16 30.4	2.004	2.887	10.5	22.9
12 7	6 18.59	+16 20.5	1.929	2.872	6.9	22.6
12 17	6 8.94	+16 15.3	1.881	2.855	3.4	22.4
12 27	5 58.51	+16 14.9	1.863	2.838	3.2	22.3
1 6	5 48.42	+16 19.4	1.875	2.821	6.7	22.5
1 16	5 39.73	+16 28.6	1.916	2.803	10.5	22.7
1 26	5 33.27	+16 42.5	1.980	2.784	13.9	22.9

198840 2005 GZ_{57} 12 22.4 351°.00 2°.8/22.3 18

11 17	6 28.64	+29 13.8	1.865	2.684	14.2	20.5
11 27	6 24.34	+29 48.4	1.785	2.679	10.9	20.3
12 7	6 17.40	+30 20.5	1.727	2.675	7.2	20.1
12 17	6 8.53	+30 46.3	1.696	2.671	3.6	19.8
12 27	5 58.88	+31 2.7	1.692	2.667	3.5	19.8
1 6	5 49.77	+31 8.8	1.717	2.665	7.0	20.0
1 16	5 42.38	+31 5.7	1.768	2.663	10.8	20.2
1 26	5 37.61	+30 56.3	1.842	2.662	14.2	20.5

196467 2003 JX_8 12 22.4 238°.38 2°.3/22.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.31	+16 57.9	1.861	2.668	14.7	20.7
11 27	6 26.94	+16 56.1	1.770	2.658	11.4	20.5
12 7	6 18.99	+17 0.1	1.702	2.647	7.5	20.2
12 17	6 9.11	+17 9.8	1.661	2.636	3.5	19.9
12 27	5 58.38	+17 24.4	1.648	2.625	3.1	19.9
1 6	5 48.08	+17 43.2	1.665	2.613	7.1	20.1
1 16	5 39.37	+18 5.4	1.709	2.601	11.3	20.3
1 26	5 33.18	+18 30.7	1.776	2.588	14.9	20.5

410866 2009 RL_{75} 12 22.4 52°.78 0°.4/22.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.22	+24 13.4	1.846	2.662	14.5	21.6
11 27	6 25.83	+24 22.3	1.789	2.684	10.9	21.4
12 7	6 18.03	+24 30.8	1.755	2.705	6.8	21.2
12 17	6 8.66	+24 37.2	1.748	2.727	2.5	21.0
12 27	5 58.86	+24 40.3	1.769	2.750	2.1	21.0
1 6	5 49.86	+24 39.9	1.820	2.772	6.3	21.3
1 16	5 42.64	+24 37.1	1.898	2.795	10.1	21.6
1 26	5 37.91	+24 33.5	1.999	2.817	13.3	21.8

279818 2000 JF_{45} 12 22.4 242°.50 2°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.17	+26 55.3	1.829	2.638	14.9	21.1
11 27	6 29.46	+27 30.1	1.736	2.626	11.5	20.9
12 7	6 20.78	+28 4.7	1.665	2.612	7.4	20.6
12 17	6 9.81	+28 35.1	1.622	2.599	3.3	20.3
12 27	5 57.78	+28 57.4	1.607	2.585	3.1	20.3
1 6	5 46.18	+29 10.1	1.622	2.570	7.3	20.5
1 16	5 36.39	+29 13.9	1.664	2.555	11.6	20.8
1 26	5 29.47	+29 11.8	1.729	2.539	15.3	21.0

484409 2007 XR_{52} 12 22.4 324°.89 0°.7/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.83	+20 15.3	1.661	2.483	15.5	21.2
11 27	6 25.40	+20 34.2	1.577	2.475	11.9	21.0
12 7	6 18.17	+20 58.3	1.516	2.467	7.6	20.7
12 17	6 8.85	+21 25.7	1.480	2.459	2.8	20.4
12 27	5 58.63	+21 54.2	1.472	2.452	2.4	20.4
1 6	5 48.90	+22 22.0	1.491	2.445	7.2	20.6
1 16	5 40.95	+22 48.3	1.537	2.438	11.7	20.9
1 26	5 35.75	+23 13.3	1.606	2.432	15.6	21.1

204530 2005 EE_{102} 12 22.4 266°.80 0°.2/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.15	+21 51.8	2.492	3.296	11.5	20.1
11 27	6 23.24	+22 5.6	2.397	3.285	8.8	19.9
12 7	6 16.38	+22 21.3	2.327	3.275	5.6	19.7
12 17	6 8.12	+22 37.6	2.285	3.264	2.0	19.4
12 27	5 59.26	+22 53.3	2.273	3.253	1.7	19.4
1 6	5 50.71	+23 7.6	2.292	3.242	5.3	19.6
1 16	5 43.33	+23 20.3	2.339	3.231	8.7	19.8
1 26	5 37.82	+23 32.2	2.412	3.220	11.6	20.0

89350 2001 VM_{71} 12 22.4 27°.01 0°.1/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.14	+21 28.3	1.418	2.247	17.4	19.0
11 27	6 27.44	+21 54.9	1.350	2.251	13.2	18.8
12 7	6 19.55	+22 26.2	1.302	2.255	8.4	18.5
12 17	6 9.35	+22 59.2	1.280	2.260	3.0	18.2
12 27	5 58.26	+23 30.7	1.284	2.265	2.5	18.2
1 6	5 47.95	+23 58.6	1.315	2.270	7.8	18.5
1 16	5 39.83	+24 22.5	1.372	2.275	12.6	18.8
1 26	5 34.90	+24 43.3	1.450	2.281	16.7	19.1

20092 1994 PL_{22} 12 22.4 18°.44 1°.3/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.92	+19 51.5	1.849	2.666	14.4	18.2
11 27	6 24.25	+19 47.4	1.774	2.669	11.0	18.0
12 7	6 17.18	+19 46.6	1.722	2.671	7.0	17.7
12 17	6 8.43	+19 48.4	1.696	2.675	2.8	17.5
12 27	5 59.07	+19 52.3	1.699	2.678	2.4	17.5
1 6	5 50.30	+19 57.9	1.731	2.682	6.6	17.7
1 16	5 43.15	+20 5.5	1.789	2.687	10.5	18.0
1 26	5 38.41	+20 15.2	1.871	2.691	13.9	18.2

206367 2003 QK_{68} 12 22.5 18°.06 3°.3/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.09	+30 16.4	1.119	1.967	19.7	19.4
11 27	6 26.54	+30 26.0	1.067	1.976	15.2	19.2
12 7	6 19.19	+30 28.2	1.033	1.987	9.9	18.9
12 17	6 9.21	+30 18.7	1.022	1.999	4.7	18.7
12 27	5 58.49	+29 55.8	1.036	2.013	4.2	18.7
1 6	5 49.05	+29 21.4	1.073	2.029	9.0	19.0
1 16	5 42.44	+28 40.7	1.134	2.046	13.9	19.3
1 26	5 39.58	+27 59.1	1.215	2.064	18.1	19.6

517751 2015 NY_{18} 12 22.5 73°.03 5°.3/23.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.87	+ 7 52.6	1.711	2.506	16.3	20.8
11 27	6 26.39	+ 7 58.7	1.650	2.523	13.0	20.7
12 7	6 18.45	+ 8 20.0	1.611	2.540	9.3	20.5
12 17	6 8.86	+ 8 56.9	1.597	2.558	6.1	20.3
12 27	5 58.74	+ 9 48.2	1.612	2.575	5.6	20.3
1 6	5 49.32	+10 50.7	1.654	2.592	8.2	20.5
1 16	5 41.65	+12 0.5	1.724	2.609	11.6	20.8
1 26	5 36.49	+13 13.7	1.817	2.626	14.7	21.0

229343 2005 QG_{33} 12 22.5 51°.01 0°.6/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 35.50	+24 42.2	1.219	2.054	19.3	20.2
11 27	6 30.03	+24 47.0	1.173	2.077	14.6	20.0
12 7	6 21.07	+24 51.1	1.146	2.100	9.1	19.7
12 17	6 9.81	+24 51.6	1.143	2.123	3.3	19.5
12 27	5 58.03	+24 47.0	1.167	2.147	2.7	19.5
1 6	5 47.58	+24 37.9	1.216	2.171	8.2	19.9
1 16	5 39.84	+24 26.7	1.290	2.196	13.1	20.2
1 26	5 35.64	+24 16.1	1.385	2.220	17.1	20.5

163875 2003 SE_{162} 12 22.5 48°.75 3°.6/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.00	+14 43.2	1.402	2.225	17.9	19.9
11 27	6 26.86	+14 34.2	1.353	2.248	13.7	19.7
12 7	6 18.87	+14 35.0	1.325	2.271	9.1	19.5
12 17	6 9.01	+14 45.8	1.321	2.295	4.7	19.3
12 27	5 58.68	+15 5.6	1.344	2.319	4.3	19.4
1 6	5 49.34	+15 32.9	1.394	2.343	8.2	19.6
1 16	5 42.16	+16 5.7	1.470	2.368	12.3	19.9
1 26	5 37.91	+16 42.2	1.567	2.393	15.9	20.2

447891 2007 VS_{334} 12 22.5 33°.15 2°.0/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.26	+26 0.5	1.575	2.399	16.2	20.9
11 27	6 27.35	+26 44.7	1.507	2.405	12.3	20.6
12 7	6 19.42	+27 29.5	1.461	2.411	7.9	20.4
12 17	6 9.30	+28 10.2	1.441	2.418	3.4	20.1
12 27	5 58.36	+28 42.8	1.448	2.426	3.2	20.1
1 6	5 48.16	+29 5.4	1.483	2.434	7.6	20.4
1 16	5 40.04	+29 18.8	1.544	2.442	11.9	20.7
1 26	5 34.96	+29 25.5	1.627	2.450	15.5	21.0

2103 Laverna 12 22.5 300°.44 1°.4/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.83	+28 16.6	2.185	2.993	12.8	15.7
11 27	6 24.90	+28 12.5	2.084	2.974	9.8	15.5
12 7	6 17.62	+28 4.4	2.008	2.955	6.4	15.3
12 17	6 8.62	+27 50.5	1.959	2.937	2.7	15.0
12 27	5 58.90	+27 29.7	1.939	2.918	2.3	14.9
1 6	5 49.60	+27 2.8	1.949	2.899	6.1	15.1
1 16	5 41.74	+26 31.8	1.987	2.881	9.8	15.3
1 26	5 36.17	+25 59.6	2.049	2.863	13.1	15.5

443510 2014 JS_{44} 12 22.5 344°.12 2°.1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.07	+27 11.3	1.679	2.498	15.6	21.6
11 27	6 27.90	+27 42.8	1.602	2.497	11.9	21.3
12 7	6 19.75	+28 13.2	1.547	2.496	7.7	21.1
12 17	6 9.43	+28 38.4	1.518	2.496	3.4	20.8
12 27	5 58.24	+28 55.1	1.518	2.495	3.1	20.8
1 6	5 47.71	+29 2.3	1.545	2.495	7.4	21.1
1 16	5 39.16	+29 1.2	1.598	2.494	11.7	21.3
1 26	5 33.57	+28 55.0	1.674	2.494	15.3	21.5

135575 2002 GW_{55} 12 22.5 189°.39 2°.3/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.66	+19 16.7	1.694	2.504	15.9	20.3
11 27	6 29.56	+18 43.4	1.614	2.503	12.2	20.1
12 7	6 20.63	+18 11.8	1.556	2.502	7.9	19.8
12 17	6 9.71	+17 42.6	1.524	2.501	3.6	19.5
12 27	5 58.05	+17 16.8	1.522	2.498	3.3	19.5
1 6	5 47.08	+16 55.9	1.548	2.496	7.7	19.8
1 16	5 38.03	+16 41.2	1.601	2.492	12.0	20.0
1 26	5 31.81	+16 33.6	1.677	2.488	15.7	20.3

290425 2005 TK_{82} 12 22.5 106°.28 1°.7/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.77	+20 4.4	1.620	2.435	16.2	21.4
11 27	6 28.82	+19 46.3	1.555	2.448	12.4	21.1
12 7	6 20.09	+19 30.8	1.512	2.461	7.9	20.9
12 17	6 9.47	+19 17.6	1.495	2.473	3.2	20.7
12 27	5 58.29	+19 6.7	1.507	2.485	2.9	20.7
1 6	5 47.96	+18 58.7	1.547	2.497	7.3	21.0
1 16	5 39.67	+18 54.3	1.613	2.509	11.6	21.2
1 26	5 34.22	+18 54.4	1.703	2.520	15.2	21.5

365941 2012 AO_6 12 22.5 291°.49 0°.6/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.30	+22 15.7	1.947	2.760	13.9	21.1
11 27	6 25.29	+22 6.3	1.862	2.755	10.6	20.9
12 7	6 17.86	+21 57.4	1.801	2.750	6.7	20.7
12 17	6 8.71	+21 48.3	1.766	2.745	2.5	20.4
12 27	5 58.89	+21 38.6	1.761	2.741	2.1	20.4
1 6	5 49.60	+21 28.8	1.784	2.736	6.4	20.6
1 16	5 41.89	+21 19.8	1.835	2.731	10.4	20.9
1 26	5 36.58	+21 13.0	1.909	2.726	13.8	21.1

461568 2004 GV_{78} 12 22.5 244°.58 0°.9/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.07	+26 38.4	3.512	4.302	8.8	23.2
11 27	6 22.72	+26 50.9	3.401	4.281	6.7	23.0
12 7	6 15.86	+27 2.2	3.316	4.261	4.3	22.8
12 17	6 7.93	+27 10.8	3.262	4.239	1.7	22.6
12 27	5 59.52	+27 15.9	3.239	4.217	1.6	22.6
1 6	5 51.30	+27 16.9	3.248	4.195	4.1	22.7
1 16	5 43.92	+27 14.5	3.288	4.172	6.7	22.9
1 26	5 37.91	+27 9.6	3.355	4.148	9.0	23.0

485482 2011 SG_{89} 12 22.5 355°.89 9°.4/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 36.00	+42 51.7	1.509	2.311	17.8	20.6
11 27	6 31.25	+44 8.8	1.441	2.308	14.9	20.4
12 7	6 22.43	+45 11.7	1.393	2.305	11.9	20.3
12 17	6 10.53	+45 50.7	1.367	2.304	9.8	20.1
12 27	5 57.38	+45 58.4	1.366	2.303	9.7	20.1
1 6	5 45.22	+45 34.5	1.390	2.303	11.8	20.2
1 16	5 35.94	+44 44.4	1.437	2.303	14.7	20.4
1 26	5 30.74	+43 37.6	1.505	2.304	17.7	20.6

328044 2007 MS_{6} 12 22.5 160°.00 4°.9/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.50	+ 7 53.3	2.402	3.184	12.6	21.7
11 27	6 22.59	+ 7 31.3	2.323	3.186	10.1	21.5
12 7	6 15.89	+ 7 19.1	2.267	3.188	7.4	21.3
12 17	6 7.95	+ 7 18.2	2.238	3.190	5.3	21.2
12 27	5 59.57	+ 7 29.4	2.238	3.192	5.1	21.2
1 6	5 51.58	+ 7 52.2	2.267	3.193	7.0	21.3
1 16	5 44.74	+ 8 25.0	2.324	3.195	9.6	21.5
1 26	5 39.69	+ 9 5.7	2.405	3.196	12.2	21.7

52806 1998 QE_{79} 12 22.5 184°.75 2°.4/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.02	+31 7.0	2.105	2.897	13.8	20.8
11 27	6 31.78	+31 6.9	2.019	2.898	10.6	20.6
12 7	6 21.89	+31 0.3	1.957	2.898	7.0	20.4
12 17	6 10.14	+30 43.9	1.923	2.897	3.4	20.2
12 27	5 57.77	+30 16.5	1.919	2.895	3.1	20.1
1 6	5 46.09	+29 39.2	1.947	2.892	6.6	20.4
1 16	5 36.27	+28 55.4	2.003	2.888	10.2	20.6
1 26	5 29.14	+28 9.6	2.084	2.883	13.5	20.8

474569 2004 EB_{10} 12 22.5 302°.11 2°.7/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.49	+28 52.4	1.375	2.204	17.8	21.3
11 27	6 29.08	+29 9.3	1.287	2.188	13.8	21.0
12 7	6 21.00	+29 22.5	1.221	2.171	9.1	20.7
12 17	6 10.04	+29 27.3	1.178	2.155	4.2	20.4
12 27	5 57.76	+29 20.0	1.161	2.139	3.8	20.3
1 6	5 46.11	+29 0.5	1.171	2.123	8.9	20.6
1 16	5 36.85	+28 32.0	1.205	2.108	14.0	20.8
1 26	5 31.26	+27 59.8	1.259	2.093	18.5	21.1

446120 2013 EB_{9} 12 22.5 254°.26 1°.7/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.69	+19 3.3	1.896	2.707	14.3	21.6
11 27	6 25.62	+18 52.9	1.812	2.703	11.0	21.3
12 7	6 18.10	+18 45.7	1.751	2.698	7.1	21.1
12 17	6 8.82	+18 41.6	1.716	2.694	3.0	20.8
12 27	5 58.85	+18 40.5	1.711	2.689	2.7	20.8
1 6	5 49.39	+18 42.3	1.734	2.684	6.7	21.0
1 16	5 41.52	+18 47.2	1.785	2.679	10.7	21.3
1 26	5 36.07	+18 55.5	1.859	2.675	14.2	21.5

300572 2007 TG_{344} 12 22.5 19°.91 3°.0/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.08	+16 15.4	1.390	2.220	17.6	20.6
11 27	6 24.98	+16 8.5	1.326	2.226	13.5	20.3
12 7	6 17.92	+16 10.0	1.283	2.233	8.9	20.1
12 17	6 8.78	+16 20.0	1.264	2.240	4.3	19.8
12 27	5 58.92	+16 38.0	1.271	2.248	3.9	19.8
1 6	5 49.84	+17 2.5	1.305	2.257	8.2	20.1
1 16	5 42.83	+17 32.0	1.363	2.267	12.7	20.4
1 26	5 38.79	+18 5.1	1.443	2.277	16.6	20.7

487827 2015 TY_{70} 12 22.5 57°.06 5°.6/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.40	+36 3.1	1.682	2.486	16.2	21.1
11 27	6 31.09	+36 59.9	1.634	2.513	12.7	20.9
12 7	6 21.62	+37 46.7	1.609	2.541	9.1	20.8
12 17	6 10.05	+38 17.0	1.609	2.568	6.2	20.7
12 27	5 57.94	+38 27.1	1.637	2.596	6.0	20.7
1 6	5 46.95	+38 17.5	1.692	2.624	8.6	20.9
1 16	5 38.37	+37 52.4	1.773	2.651	11.7	21.2
1 26	5 33.02	+37 17.9	1.876	2.679	14.6	21.4

515637 2014 MO_{14} 12 22.5 173°.07 3°.8/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.07	+ 9 59.9	2.492	3.270	12.3	22.2
11 27	6 25.23	+ 9 57.9	2.409	3.274	9.7	22.0
12 7	6 17.54	+10 4.7	2.350	3.277	6.8	21.8
12 17	6 8.57	+10 20.9	2.319	3.280	4.4	21.7
12 27	5 59.11	+10 46.3	2.318	3.281	4.1	21.7
1 6	5 50.03	+11 19.9	2.348	3.282	6.3	21.8
1 16	5 42.13	+11 59.9	2.408	3.283	9.2	22.0
1 26	5 36.05	+12 44.7	2.493	3.282	11.8	22.2

475014 2005 TM_{191} 12 22.5 26°.68 2°.0/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.99	+26 6.5	1.166	2.010	19.4	20.8
11 27	6 27.88	+26 36.3	1.111	2.019	14.8	20.6
12 7	6 20.06	+27 5.4	1.075	2.030	9.4	20.3
12 17	6 9.60	+27 29.2	1.062	2.041	3.9	20.0
12 27	5 58.30	+27 44.0	1.075	2.054	3.4	20.1
1 6	5 48.11	+27 48.8	1.112	2.067	8.8	20.4
1 16	5 40.65	+27 45.8	1.173	2.082	13.8	20.7
1 26	5 36.89	+27 38.7	1.254	2.097	18.0	21.0

213578 2002 NR_{32} 12 22.5 52°.57 8°.6/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.01	+ 4 22.4	1.528	2.322	18.0	19.1
11 27	6 25.76	+ 3 15.6	1.484	2.348	14.7	18.9
12 7	6 18.02	+ 2 26.4	1.461	2.374	11.4	18.8
12 17	6 8.72	+ 1 59.2	1.462	2.401	9.0	18.7
12 27	5 59.07	+ 1 56.3	1.488	2.428	8.8	18.8
1 6	5 50.34	+ 2 16.5	1.541	2.455	10.7	19.0
1 16	5 43.52	+ 2 56.0	1.617	2.482	13.4	19.2
1 26	5 39.29	+ 3 49.7	1.715	2.509	16.1	19.4

457315 2008 SY_{79} 12 22.5 86°.90 5°.5/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.62	+ 7 1.2	2.354	3.134	12.8	21.7
11 27	6 22.59	+ 6 21.7	2.288	3.149	10.3	21.5
12 7	6 15.83	+ 5 52.2	2.246	3.163	7.8	21.4
12 17	6 7.93	+ 5 34.8	2.231	3.177	5.8	21.3
12 27	5 59.68	+ 5 31.0	2.244	3.191	5.7	21.3
1 6	5 51.91	+ 5 40.4	2.286	3.205	7.4	21.5
1 16	5 45.37	+ 6 1.8	2.355	3.219	9.8	21.6
1 26	5 40.62	+ 6 33.0	2.448	3.232	12.2	21.8

481931 2009 BB_{109} 12 22.5 357°.95 1°.7/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.02	+19 4.7	1.362	2.197	17.6	21.1
11 27	6 25.19	+19 8.7	1.290	2.194	13.5	20.8
12 7	6 18.23	+19 18.9	1.239	2.192	8.7	20.6
12 17	6 8.96	+19 34.4	1.212	2.190	3.5	20.3
12 27	5 58.78	+19 53.7	1.210	2.190	3.0	20.2
1 6	5 49.31	+20 15.4	1.236	2.191	8.1	20.5
1 16	5 41.97	+20 38.6	1.285	2.192	13.0	20.8
1 26	5 37.76	+21 3.1	1.356	2.194	17.2	21.1

459401 2012 KE_{48} 12 22.5 306°.43 1°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.59	+17 10.7	2.187	2.992	12.9	21.0
11 27	6 23.78	+17 30.9	2.100	2.987	9.9	20.8
12 7	6 16.85	+17 57.2	2.036	2.982	6.4	20.6
12 17	6 8.38	+18 28.6	2.000	2.977	2.8	20.4
12 27	5 59.26	+19 3.6	1.994	2.972	2.3	20.3
1 6	5 50.50	+19 40.5	2.018	2.968	5.9	20.6
1 16	5 43.05	+20 18.0	2.069	2.963	9.5	20.8
1 26	5 37.66	+20 55.2	2.146	2.958	12.7	21.0

137271 1999 RC_{147} 12 22.5 119°.19 0°.9/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.25	+21 58.7	1.647	2.458	16.2	20.5
11 27	6 30.66	+21 43.6	1.583	2.474	12.3	20.3
12 7	6 21.24	+21 29.0	1.541	2.490	7.8	20.1
12 17	6 9.92	+21 14.2	1.526	2.505	2.9	19.8
12 27	5 58.08	+20 59.0	1.540	2.519	2.5	19.8
1 6	5 47.17	+20 44.3	1.582	2.533	7.2	20.1
1 16	5 38.36	+20 31.5	1.652	2.546	11.5	20.4
1 26	5 32.47	+20 22.3	1.745	2.559	15.1	20.7

65070 2002 AD_{187} 12 22.5 78°.77 2°.7/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.15	+27 38.7	1.598	2.410	16.5	18.8
11 27	6 31.56	+28 29.9	1.546	2.437	12.5	18.6
12 7	6 21.91	+29 18.8	1.516	2.463	8.1	18.4
12 17	6 10.19	+30 0.0	1.513	2.489	3.8	18.2
12 27	5 57.89	+30 29.4	1.539	2.515	3.6	18.3
1 6	5 46.62	+30 46.0	1.593	2.540	7.6	18.6
1 16	5 37.68	+30 51.6	1.674	2.565	11.5	18.9
1 26	5 31.88	+30 49.9	1.777	2.589	14.9	19.1

331729 2002 TW_{112} 12 22.5 188°.82 5°.6/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.39	+ 3 17.3	2.997	3.753	10.9	21.3
11 27	6 21.43	+ 2 38.3	2.913	3.752	9.0	21.2
12 7	6 15.04	+ 2 8.9	2.853	3.751	7.1	21.1
12 17	6 7.67	+ 1 51.1	2.821	3.749	5.8	21.0
12 27	5 59.93	+ 1 46.5	2.818	3.747	5.7	21.0
1 6	5 52.49	+ 1 55.0	2.844	3.744	7.0	21.1
1 16	5 45.95	+ 2 15.8	2.898	3.741	8.8	21.2
1 26	5 40.83	+ 2 46.8	2.977	3.737	10.8	21.3

96644 1999 GX_{30} 12 22.5 151°.49 0°.5/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.87	+23 31.8	1.821	2.625	15.1	20.3
11 27	6 31.13	+23 54.8	1.748	2.636	11.5	20.1
12 7	6 21.61	+24 18.9	1.698	2.646	7.3	19.9
12 17	6 10.11	+24 41.0	1.675	2.654	2.7	19.6
12 27	5 57.92	+24 58.7	1.682	2.662	2.2	19.6
1 6	5 46.44	+25 11.0	1.720	2.669	6.8	19.9
1 16	5 36.89	+25 18.6	1.784	2.676	10.9	20.2
1 26	5 30.15	+25 23.5	1.873	2.681	14.4	20.4

518104 2016 AO_{230} 12 22.5 148°.00 3°.0/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.47	+12 46.8	2.558	3.349	11.6	21.9
11 27	6 22.51	+12 43.3	2.477	3.353	9.0	21.7
12 7	6 15.84	+12 46.7	2.420	3.356	6.2	21.5
12 17	6 7.98	+12 57.1	2.391	3.359	3.6	21.4
12 27	5 59.68	+13 14.6	2.393	3.362	3.4	21.4
1 6	5 51.76	+13 38.3	2.424	3.365	5.8	21.5
1 16	5 44.94	+14 7.2	2.485	3.367	8.6	21.7
1 26	5 39.83	+14 40.0	2.570	3.370	11.2	21.9

77234 2001 FY_{38} 12 22.5 260°.82 2°.0/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.50	+28 24.4	1.923	2.732	14.2	20.4
11 27	6 28.04	+28 36.8	1.828	2.718	11.0	20.2
12 7	6 19.82	+28 46.0	1.757	2.704	7.2	19.9
12 17	6 9.53	+28 48.8	1.713	2.689	3.2	19.6
12 27	5 58.35	+28 43.2	1.697	2.675	2.9	19.6
1 6	5 47.65	+28 28.9	1.711	2.660	6.9	19.8
1 16	5 38.68	+28 8.0	1.752	2.645	11.0	20.0
1 26	5 32.40	+27 43.9	1.816	2.629	14.6	20.2

271989 2005 CH_{22} 12 22.5 226°.61 7°.2/22.5 18

11 17	6 37.18	+47 43.1	2.707	3.453	12.2	20.6
11 27	6 30.57	+48 30.6	2.623	3.447	10.4	20.4
12 7	6 21.25	+49 5.4	2.561	3.440	8.6	20.3
12 17	6 10.00	+49 21.9	2.526	3.434	7.4	20.2
12 27	5 58.01	+49 16.7	2.518	3.427	7.3	20.2
1 6	5 46.62	+48 49.6	2.538	3.420	8.5	20.3
1 16	5 37.04	+48 3.8	2.584	3.413	10.2	20.4
1 26	5 30.15	+47 4.7	2.654	3.405	12.2	20.5

315699 2008 EF_{74} 12 22.5 63°.38 0°.3/22.5 18

11 17	6 31.37	+23 2.8	1.856	2.671	14.5	20.5
11 27	6 26.14	+23 23.0	1.787	2.681	11.0	20.3
12 7	6 18.42	+23 44.7	1.741	2.691	6.9	20.1
12 17	6 8.96	+24 5.6	1.722	2.702	2.5	19.8
12 27	5 58.90	+24 23.8	1.732	2.712	2.1	19.8
1 6	5 49.50	+24 38.2	1.771	2.723	6.4	20.1
1 16	5 41.82	+24 49.3	1.837	2.733	10.3	20.4
1 26	5 36.66	+24 58.1	1.926	2.744	13.7	20.6

420132 2011 FF_{52} 12 22.5 267°.39 2°.5/22.4 18

11 17	6 30.49	+30 34.1	2.409	3.210	12.0	21.5
11 27	6 25.25	+30 55.2	2.315	3.199	9.2	21.3
12 7	6 17.80	+31 12.5	2.245	3.188	6.2	21.1
12 17	6 8.75	+31 23.2	2.203	3.176	3.2	20.8
12 27	5 59.03	+31 25.2	2.191	3.165	3.0	20.8
1 6	5 49.71	+31 18.3	2.209	3.154	6.0	21.0
1 16	5 41.75	+31 3.7	2.255	3.142	9.2	21.2
1 26	5 35.94	+30 44.1	2.326	3.130	12.1	21.3

442969 2013 CV_{135} 12 22.5 303°.03 5°.5/21.6 17

11 17	6 34.44	+32 30.8	1.645	2.459	16.0	20.6
11 27	6 29.60	+33 53.3	1.557	2.445	12.7	20.4
12 7	6 21.31	+35 14.4	1.492	2.431	9.0	20.1
12 17	6 10.22	+36 26.1	1.452	2.417	5.9	19.9
12 27	5 57.72	+37 20.8	1.440	2.404	6.1	19.9
1 6	5 45.60	+37 54.7	1.456	2.390	9.4	20.0
1 16	5 35.57	+38 8.5	1.496	2.377	13.3	20.2
1 26	5 28.95	+38 6.8	1.558	2.364	16.9	20.4

3788 Steyaert 12 22.5 214°.43 3°.2/22.7 18

11 17	6 29.53	+13 5.1	2.261	3.056	12.9	17.0
11 27	6 24.36	+13 0.9	2.173	3.051	10.0	16.8
12 7	6 17.15	+13 4.1	2.109	3.046	6.9	16.6
12 17	6 8.50	+13 15.2	2.073	3.041	3.9	16.4
12 27	5 59.26	+13 34.1	2.066	3.036	3.6	16.3
1 6	5 50.39	+14 0.0	2.089	3.031	6.4	16.5
1 16	5 42.78	+14 31.4	2.140	3.025	9.7	16.7
1 26	5 37.14	+15 7.2	2.216	3.019	12.7	16.9

474146 1998 RF_{13} 12 22.5 43°.55 1°.9/22.5 16

11 17	6 33.18	+19 32.9	1.174	2.013	19.6	21.4
11 27	6 28.36	+19 23.8	1.126	2.031	14.9	21.1
12 7	6 20.12	+19 20.2	1.097	2.050	9.5	20.9
12 17	6 9.59	+19 21.2	1.091	2.070	3.9	20.6
12 27	5 58.47	+19 26.0	1.111	2.090	3.3	20.7
1 6	5 48.55	+19 33.9	1.156	2.111	8.6	21.0
1 16	5 41.22	+19 44.9	1.225	2.133	13.5	21.4
1 26	5 37.34	+19 59.2	1.315	2.155	17.6	21.7

61213 2000 OK_{10} 12 22.5 87°.53 0°.0/22.5 18

11 17	6 39.61	+24 0.3	1.370	2.190	18.4	19.4
11 27	6 32.80	+23 53.2	1.319	2.215	13.9	19.2
12 7	6 22.71	+23 45.5	1.288	2.239	8.7	19.0
12 17	6 10.47	+23 34.9	1.283	2.263	3.1	18.7
12 27	5 57.78	+23 20.7	1.306	2.287	2.5	18.8
1 6	5 46.36	+23 4.1	1.357	2.310	7.9	19.1
1 16	5 37.54	+22 47.4	1.433	2.332	12.5	19.5
1 26	5 32.12	+22 33.4	1.531	2.354	16.4	19.8

387590 2001 VV_{10} 12 22.5 67°.86 2°.5/22.3 17

11 17	6 35.63	+20 16.3	1.432	2.253	17.6	20.7
11 27	6 29.58	+19 27.6	1.378	2.274	13.4	20.5
12 7	6 20.59	+18 40.4	1.345	2.294	8.6	20.2
12 17	6 9.70	+17 56.3	1.338	2.315	3.8	20.0
12 27	5 58.40	+17 17.1	1.359	2.336	3.5	20.0
1 6	5 48.23	+16 45.2	1.407	2.357	8.0	20.4
1 16	5 40.35	+16 22.1	1.482	2.378	12.4	20.7
1 26	5 35.52	+16 8.4	1.578	2.399	16.1	21.0

227652 2006 BY_{142} 12 22.5 72°.76 0°.6/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.90	+25 11.5	2.211	3.019	12.7	21.1
11 27	6 24.74	+25 15.1	2.131	3.021	9.6	20.9
12 7	6 17.42	+25 17.5	2.074	3.023	6.1	20.7
12 17	6 8.59	+25 17.3	2.046	3.025	2.3	20.4
12 27	5 59.23	+25 13.5	2.047	3.027	1.9	20.4
1 6	5 50.39	+25 6.1	2.077	3.028	5.7	20.7
1 16	5 42.99	+24 56.3	2.136	3.030	9.2	20.9
1 26	5 37.74	+24 45.7	2.220	3.032	12.3	21.1

269636 2011 AU_{45} 12 22.5 319°.43 0°.6/22.5 17

11 17	6 28.35	+21 55.5	1.881	2.700	14.1	21.5
11 27	6 24.05	+21 53.7	1.789	2.685	10.8	21.3
12 7	6 17.26	+21 53.3	1.719	2.670	6.9	21.0
12 17	6 8.62	+21 53.5	1.677	2.656	2.6	20.7
12 27	5 59.18	+21 53.6	1.662	2.642	2.2	20.7
1 6	5 50.16	+21 53.3	1.676	2.629	6.6	20.9
1 16	5 42.69	+21 53.3	1.717	2.616	10.8	21.1
1 26	5 37.65	+21 54.5	1.781	2.604	14.4	21.3

516616 2007 UF_{26} 12 22.5 49°.60 5°.4/22.4 18

11 17	6 35.83	+34 13.2	1.508	2.324	17.1	21.1
11 27	6 30.32	+35 6.9	1.452	2.340	13.4	20.9
12 7	6 21.40	+35 52.4	1.417	2.356	9.4	20.7
12 17	6 10.10	+36 22.8	1.407	2.373	6.0	20.6
12 27	5 58.05	+36 33.8	1.424	2.390	5.8	20.6
1 6	5 47.07	+36 25.2	1.468	2.407	8.9	20.8
1 16	5 38.62	+36 1.3	1.537	2.425	12.6	21.1
1 26	5 33.61	+35 28.1	1.627	2.442	15.9	21.4

5372 Bikki 12 22.5 131°.32 5°.0/22.3 18

11 17	6 33.70	+38 0.9	2.442	3.226	12.3	17.3
11 27	6 27.75	+38 47.1	2.366	3.231	9.8	17.2
12 7	6 19.40	+39 25.3	2.315	3.237	7.3	17.0
12 17	6 9.34	+39 50.9	2.290	3.242	5.3	16.9
12 27	5 58.65	+40 0.8	2.295	3.247	5.2	16.9
1 6	5 48.51	+39 54.7	2.329	3.251	7.1	17.0
1 16	5 39.98	+39 34.8	2.390	3.256	9.6	17.2
1 26	5 33.85	+39 5.1	2.476	3.260	12.0	17.4

78893 2003 SJ_{48} 12 22.5 18°.58 2°.4/22.5 17

11 17	6 29.95	+29 12.4	1.782	2.602	14.8	19.1
11 27	6 25.32	+29 29.4	1.713	2.607	11.3	18.8
12 7	6 18.01	+29 42.5	1.666	2.614	7.4	18.6
12 17	6 8.86	+29 48.4	1.644	2.620	3.5	18.4
12 27	5 59.07	+29 45.3	1.651	2.628	3.1	18.4
1 6	5 50.00	+29 33.4	1.686	2.636	6.9	18.7
1 16	5 42.80	+29 14.8	1.747	2.644	10.7	18.9
1 26	5 38.27	+28 52.7	1.831	2.653	14.1	19.1

8264 1986 QA_3 12 22.5 155°.07 0°.1/22.5 18

11 17	6 36.56	+22 35.8	1.668	2.480	16.0	18.3
11 27	6 30.37	+22 44.9	1.594	2.486	12.2	18.0
12 7	6 21.25	+22 55.5	1.543	2.492	7.7	17.8
12 17	6 10.05	+23 5.4	1.518	2.498	2.8	17.5
12 27	5 58.09	+23 12.8	1.522	2.502	2.3	17.5
1 6	5 46.88	+23 17.1	1.555	2.507	7.2	17.8
1 16	5 37.70	+23 19.3	1.615	2.510	11.6	18.0
1 26	5 31.46	+23 21.1	1.698	2.513	15.3	18.3

131650 2001 XA_{103} 12 22.5 221°.29 1°.6/22.5 18

11 17	6 35.15	+20 19.4	1.445	2.267	17.5	20.2
11 27	6 29.77	+20 6.9	1.366	2.263	13.4	19.9
12 7	6 21.13	+19 57.3	1.309	2.259	8.7	19.6
12 17	6 10.07	+19 49.9	1.276	2.255	3.5	19.3
12 27	5 58.05	+19 44.4	1.271	2.250	3.0	19.3
1 6	5 46.74	+19 41.0	1.293	2.246	8.2	19.6
1 16	5 37.62	+19 40.5	1.341	2.241	13.2	19.9
1 26	5 31.75	+19 44.0	1.410	2.235	17.4	20.1

439477 2013 YO_{90} 12 22.5 276°.67 1°.6/22.6 18

11 17	6 34.52	+27 48.3	1.570	2.390	16.4	21.5
11 27	6 29.25	+27 46.0	1.487	2.382	12.6	21.2
12 7	6 20.77	+27 39.4	1.425	2.375	8.2	20.9
12 17	6 9.94	+27 25.6	1.389	2.367	3.3	20.6
12 27	5 58.18	+27 3.2	1.380	2.360	2.8	20.6
1 6	5 47.13	+26 33.2	1.400	2.352	7.7	20.8
1 16	5 38.24	+25 58.8	1.445	2.345	12.4	21.1
1 26	5 32.54	+25 24.4	1.512	2.337	16.4	21.3

439801 2015 HN_{166} 12 22.5 157°.87 1°.1/22.5 18

11 17	6 35.03	+20 4.4	1.963	2.765	14.3	22.4
11 27	6 28.76	+20 6.0	1.886	2.773	10.9	22.2
12 7	6 20.03	+20 10.5	1.833	2.779	6.9	22.0
12 17	6 9.58	+20 16.6	1.807	2.786	2.7	21.7
12 27	5 58.52	+20 23.5	1.812	2.791	2.3	21.7
1 6	5 48.07	+20 30.6	1.846	2.796	6.4	22.0
1 16	5 39.31	+20 38.3	1.909	2.800	10.3	22.2
1 26	5 33.01	+20 47.3	1.996	2.803	13.7	22.4

466928 2016 AP_{24} 12 22.5 98.°85 2.°1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.17	+16 5.6	2.343	3.142	12.3	21.4
11 27	6 23.91	+16 10.5	2.272	3.155	9.4	21.2
12 7	6 16.77	+16 20.8	2.224	3.167	6.2	21.0
12 17	6 8.36	+16 36.1	2.205	3.179	3.0	20.8
12 27	5 59.52	+16 55.6	2.215	3.191	2.6	20.8
1 6	5 51.16	+17 18.4	2.256	3.203	5.6	21.0
1 16	5 44.08	+17 43.6	2.326	3.215	8.8	21.3
1 26	5 38.90	+18 10.7	2.420	3.226	11.6	21.5

176992 2003 AC_{13} 12 22.5 25.°50 6.°8/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.15	+ 7 15.0	1.496	2.305	17.6	19.5
11 27	6 23.99	+ 6 50.4	1.435	2.314	14.2	19.3
12 7	6 17.20	+ 6 42.0	1.394	2.323	10.5	19.1
12 17	6 8.59	+ 6 52.4	1.377	2.333	7.5	19.0
12 27	5 59.36	+ 7 22.2	1.386	2.344	7.0	19.0
1 6	5 50.85	+ 8 9.2	1.421	2.356	9.5	19.2
1 16	5 44.17	+ 9 9.5	1.480	2.368	13.0	19.4
1 26	5 40.15	+10 18.3	1.562	2.381	16.3	19.6

416836 2005 JK_{111} 12 22.5 305.°50 8.°1/21.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.81	+45 21.8	2.280	3.046	13.6	20.3
11 27	6 30.21	+46 44.2	2.196	3.035	11.5	20.1
12 7	6 21.45	+47 55.7	2.134	3.024	9.6	20.0
12 17	6 10.25	+48 49.0	2.098	3.013	8.3	19.9
12 27	5 57.88	+49 18.3	2.089	3.002	8.4	19.9
1 6	5 45.94	+49 21.9	2.107	2.991	9.8	19.9
1 16	5 35.93	+49 2.3	2.150	2.981	11.9	20.1
1 26	5 28.98	+48 25.2	2.214	2.970	14.1	20.2

408576 2013 LK_{11} 12 22.5 271.°62 3.°8/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.13	+14 6.0	2.039	2.842	13.8	21.4
11 27	6 24.28	+13 33.4	1.951	2.833	10.8	21.2
12 7	6 17.23	+13 6.4	1.886	2.825	7.4	21.0
12 17	6 8.59	+12 46.7	1.848	2.816	4.4	20.8
12 27	5 59.32	+12 35.4	1.839	2.808	4.2	20.7
1 6	5 50.48	+12 33.2	1.859	2.799	7.2	20.9
1 16	5 43.03	+12 39.8	1.905	2.791	10.7	21.1
1 26	5 37.74	+12 54.5	1.976	2.782	13.8	21.3

77747 2001 OW_{110} 12 22.5 193.°72 5.°1/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.32	+40 21.9	2.757	3.530	11.3	19.3
11 27	6 27.33	+41 4.9	2.674	3.529	9.2	19.2
12 7	6 19.09	+41 39.4	2.615	3.527	7.0	19.0
12 17	6 9.25	+42 1.0	2.583	3.526	5.4	18.9
12 27	5 58.79	+42 7.1	2.581	3.524	5.3	18.9
1 6	5 48.79	+41 57.1	2.608	3.521	6.9	19.0
1 16	5 40.24	+41 33.3	2.663	3.519	9.1	19.2
1 26	5 33.91	+40 59.4	2.742	3.516	11.2	19.3

74094 1998 QU_{8} 12 22.5 126.°32 5.°6/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.51	+39 31.9	2.077	2.858	14.3	19.0
11 27	6 32.37	+39 59.5	2.009	2.871	11.5	18.8
12 7	6 22.36	+40 15.3	1.963	2.883	8.5	18.6
12 17	6 10.41	+40 14.2	1.944	2.895	6.1	18.5
12 27	5 57.92	+39 53.5	1.954	2.907	5.8	18.5
1 6	5 46.36	+39 14.6	1.992	2.918	7.9	18.7
1 16	5 36.95	+38 21.8	2.058	2.928	10.7	18.9
1 26	5 30.49	+37 21.4	2.148	2.938	13.4	19.1

263966 2009 JK_{8} 12 22.5 89.°46 1.°8/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.86	+17 25.2	1.908	2.717	14.3	20.6
11 27	6 25.69	+17 34.7	1.833	2.722	11.0	20.4
12 7	6 18.14	+17 50.1	1.781	2.728	7.1	20.2
12 17	6 8.93	+18 10.5	1.757	2.734	3.1	19.9
12 27	5 59.10	+18 34.7	1.761	2.739	2.7	19.9
1 6	5 49.82	+19 1.3	1.795	2.745	6.5	20.2
1 16	5 42.13	+19 29.3	1.856	2.750	10.4	20.4
1 26	5 36.80	+19 58.1	1.940	2.756	13.7	20.6

30354 2000 JR_{39} 12 22.5 182.°89 0.°3/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.55	+24 13.2	2.913	3.710	10.2	20.6
11 27	6 23.26	+24 18.8	2.825	3.710	7.7	20.5
12 7	6 16.30	+24 23.9	2.764	3.710	4.9	20.3
12 17	6 8.21	+24 27.5	2.731	3.710	1.8	20.0
12 27	5 59.69	+24 28.8	2.729	3.709	1.5	20.0
1 6	5 51.53	+24 27.8	2.759	3.708	4.6	20.2
1 16	5 44.42	+24 24.8	2.818	3.707	7.5	20.4
1 26	5 38.95	+24 21.0	2.903	3.705	10.0	20.6

226606 2004 CS_{115} 12 22.5 200.°11 2.°2/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.32	+29 6.1	1.987	2.787	14.2	21.5
11 27	6 30.80	+29 22.4	1.899	2.783	10.9	21.3
12 7	6 21.50	+29 34.8	1.835	2.779	7.2	21.1
12 17	6 10.18	+29 39.9	1.798	2.774	3.3	20.8
12 27	5 58.06	+29 35.2	1.791	2.767	3.0	20.8
1 6	5 46.52	+29 20.8	1.814	2.761	6.8	21.0
1 16	5 36.80	+28 59.0	1.865	2.753	10.7	21.2
1 26	5 29.82	+28 33.5	1.940	2.745	14.1	21.4

384660 2011 FF_{18} 12 22.5 174.°85 1.°1/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.86	+19 35.5	2.828	3.625	10.5	21.4
11 27	6 22.72	+19 26.6	2.742	3.626	8.0	21.3
12 7	6 15.95	+19 19.4	2.682	3.627	5.1	21.1
12 17	6 8.09	+19 13.8	2.651	3.628	2.1	20.9
12 27	5 59.82	+19 9.6	2.651	3.629	1.9	20.8
1 6	5 51.92	+19 7.0	2.682	3.629	4.8	21.1
1 16	5 45.06	+19 6.3	2.742	3.630	7.7	21.2
1 26	5 39.82	+19 7.7	2.828	3.629	10.2	21.4

319005 2005 UY_{477} 12 22.5 293.°05 0.°8/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.90	+25 21.9	2.039	2.850	13.5	21.3
11 27	6 25.74	+25 30.9	1.957	2.848	10.3	21.1
12 7	6 18.20	+25 38.8	1.898	2.847	6.5	20.9
12 17	6 8.97	+25 43.9	1.867	2.846	2.5	20.6
12 27	5 59.09	+25 44.6	1.865	2.845	2.1	20.6
1 6	5 49.75	+25 40.8	1.893	2.844	6.1	20.8
1 16	5 41.97	+25 33.7	1.948	2.843	9.9	21.1
1 26	5 36.57	+25 25.1	2.027	2.842	13.2	21.3

322687 1999 VQ_{104} 12 22.5 112.°50 2.°8/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.52	+30 19.8	2.294	3.094	12.5	20.5
11 27	6 26.79	+31 0.3	2.220	3.103	9.6	20.3
12 7	6 18.77	+31 37.4	2.171	3.112	6.4	20.1
12 17	6 9.16	+32 7.5	2.149	3.121	3.4	20.0
12 27	5 58.96	+32 27.9	2.158	3.130	3.3	20.0
1 6	5 49.29	+32 37.8	2.197	3.139	6.2	20.2
1 16	5 41.14	+32 38.2	2.263	3.147	9.3	20.4
1 26	5 35.27	+32 31.9	2.355	3.155	12.1	20.6

358639 2007 VD_{268} 12 22.5 56.°81 3.°1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.87	+15 32.9	1.516	2.333	17.0	20.3
11 27	6 27.40	+15 27.0	1.466	2.358	13.0	20.2
12 7	6 19.23	+15 29.4	1.437	2.383	8.6	20.0
12 17	6 9.29	+15 39.9	1.434	2.408	4.3	19.8
12 27	5 58.92	+15 57.7	1.458	2.433	3.8	19.8
1 6	5 49.50	+16 21.3	1.510	2.459	7.6	20.1
1 16	5 42.12	+16 49.4	1.587	2.484	11.7	20.4
1 26	5 37.52	+17 20.5	1.688	2.510	15.1	20.7

321857 2010 RX_{136} 12 22.5 152.°33 2.°9/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.25	+30 20.2	2.090	2.894	13.4	21.1
11 27	6 27.60	+30 55.8	2.012	2.897	10.4	20.9
12 7	6 19.42	+31 27.9	1.957	2.899	6.9	20.7
12 17	6 9.43	+31 52.5	1.929	2.902	3.7	20.5
12 27	5 58.75	+32 6.8	1.931	2.904	3.5	20.5
1 6	5 48.62	+32 10.0	1.962	2.906	6.6	20.7
1 16	5 40.16	+32 3.6	2.021	2.908	10.1	20.9
1 26	5 34.20	+31 50.7	2.104	2.909	13.1	21.1

334627 2002 VA_{67} 12 22.5 60.°87 3.°6/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.73	+16 27.8	1.290	2.116	18.9	20.5
11 27	6 29.19	+15 59.0	1.241	2.137	14.5	20.3
12 7	6 20.52	+15 37.8	1.212	2.159	9.5	20.1
12 17	6 9.79	+15 25.1	1.207	2.182	4.8	19.9
12 27	5 58.57	+15 21.5	1.229	2.204	4.4	20.0
1 6	5 48.49	+15 26.8	1.277	2.226	8.7	20.3
1 16	5 40.82	+15 40.0	1.349	2.249	13.1	20.6
1 26	5 36.35	+16 0.0	1.444	2.271	16.9	20.9

261917 2006 KH_{23} 12 22.5 94.°54 2.°1/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.19	+26 21.4	1.413	2.232	17.9	20.5
11 27	6 32.78	+26 59.9	1.357	2.252	13.7	20.3
12 7	6 22.94	+27 37.3	1.321	2.271	8.7	20.1
12 17	6 10.72	+28 8.6	1.311	2.289	3.7	19.8
12 27	5 57.78	+28 29.6	1.329	2.307	3.3	19.9
1 6	5 45.94	+28 39.4	1.374	2.325	8.1	20.2
1 16	5 36.66	+28 40.1	1.445	2.342	12.6	20.5
1 26	5 30.87	+28 35.6	1.539	2.359	16.4	20.8

337261 2000 SZ_{198} 12 22.5 24.°29 3.°6/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.38	+16 44.1	1.172	2.013	19.4	20.2
11 27	6 25.59	+16 19.6	1.118	2.024	15.0	20.0
12 7	6 18.50	+16 3.4	1.084	2.036	9.9	19.8
12 17	6 9.13	+15 56.5	1.073	2.048	4.9	19.5
12 27	5 59.08	+15 59.2	1.086	2.063	4.4	19.5
1 6	5 50.05	+16 11.1	1.124	2.078	9.0	19.8
1 16	5 43.43	+16 30.7	1.186	2.094	13.8	20.2
1 26	5 40.11	+16 56.5	1.268	2.111	17.9	20.5

78115 Skiantonucci 12 22.5 50.°42 4.°7/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.91	+36 46.4	2.187	2.981	13.2	19.5
11 27	6 27.35	+37 21.3	2.112	2.985	10.5	19.4
12 7	6 19.24	+37 47.8	2.061	2.990	7.6	19.2
12 17	6 9.36	+38 1.6	2.037	2.995	5.2	19.1
12 27	5 58.85	+37 59.9	2.041	3.000	5.1	19.1
1 6	5 48.98	+37 42.8	2.074	3.005	7.3	19.2
1 16	5 40.87	+37 13.0	2.134	3.010	10.1	19.4
1 26	5 35.30	+36 35.0	2.218	3.016	12.8	19.6

324436 2006 TO_8 12 22.5 135°.05 4°.2/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 39.83	+32 0.2	1.701	2.504	16.0	21.3
11 27	6 33.10	+32 50.4	1.633	2.516	12.5	21.1
12 7	6 23.12	+33 35.1	1.588	2.527	8.5	20.9
12 17	6 10.81	+34 8.2	1.569	2.538	4.9	20.7
12 27	5 57.67	+34 25.1	1.579	2.548	4.8	20.7
1 6	5 45.40	+34 25.2	1.617	2.557	8.1	21.0
1 16	5 35.44	+34 11.4	1.682	2.566	11.9	21.2
1 26	5 28.75	+33 48.9	1.770	2.574	15.3	21.4

282363 2003 MD_2 12 22.5 113°.16 1°.8/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.10	+17 3.4	1.969	2.769	14.3	20.3
11 27	6 27.93	+17 15.7	1.903	2.788	10.9	20.1
12 7	6 19.44	+17 33.8	1.861	2.806	7.0	19.9
12 17	6 9.39	+17 56.6	1.847	2.823	3.1	19.7
12 27	5 58.85	+18 22.5	1.862	2.840	2.6	19.7
1 6	5 48.96	+18 50.3	1.908	2.856	6.4	20.0
1 16	5 40.72	+19 18.9	1.981	2.872	10.0	20.2
1 26	5 34.85	+19 47.9	2.079	2.887	13.2	20.5

387066 2012 TO_{59} 12 22.5 182°.28 3°.7/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.05	+31 32.1	1.825	2.629	15.1	21.2
11 27	6 30.91	+32 13.4	1.746	2.630	11.7	21.0
12 7	6 21.74	+32 50.1	1.689	2.630	8.0	20.8
12 17	6 10.33	+33 17.0	1.660	2.630	4.5	20.6
12 27	5 58.03	+33 30.1	1.659	2.629	4.3	20.6
1 6	5 46.39	+33 28.4	1.686	2.628	7.7	20.8
1 16	5 36.78	+33 14.5	1.741	2.627	11.5	21.0
1 26	5 30.19	+32 52.7	1.819	2.625	14.9	21.2

117334 2004 XK_{11} 12 22.5 294°.79 0°.2/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.45	+24 10.7	1.680	2.499	15.5	19.9
11 27	6 27.40	+24 9.0	1.599	2.495	11.9	19.6
12 7	6 19.49	+24 6.8	1.540	2.491	7.6	19.4
12 17	6 9.51	+24 2.3	1.507	2.486	2.8	19.1
12 27	5 58.71	+23 54.5	1.502	2.482	2.3	19.0
1 6	5 48.55	+23 43.6	1.525	2.478	7.1	19.3
1 16	5 40.28	+23 31.3	1.574	2.474	11.6	19.6
1 26	5 34.85	+23 19.6	1.647	2.470	15.4	19.8

224026 2005 LB_{21} 12 22.5 117°.30 2°.0/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.72	+17 56.2	1.820	2.621	15.2	21.3
11 27	6 29.99	+17 51.2	1.758	2.643	11.6	21.1
12 7	6 20.76	+17 50.9	1.719	2.663	7.5	20.9
12 17	6 9.86	+17 54.5	1.707	2.683	3.3	20.7
12 27	5 58.50	+18 1.3	1.725	2.703	2.9	20.7
1 6	5 47.95	+18 11.0	1.773	2.721	6.8	21.0
1 16	5 39.26	+18 23.2	1.848	2.738	10.7	21.3
1 26	5 33.18	+18 38.2	1.948	2.755	14.0	21.5

82948 2001 QD_{122} 12 22.5 205°.09 1°.0/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.77	+25 23.8	1.926	2.731	14.4	20.7
11 27	6 29.67	+25 41.6	1.839	2.727	11.0	20.5
12 7	6 20.84	+25 59.0	1.774	2.722	7.0	20.2
12 17	6 10.00	+26 13.0	1.737	2.716	2.7	20.0
12 27	5 58.32	+26 21.4	1.730	2.709	2.3	19.9
1 6	5 47.16	+26 23.4	1.752	2.702	6.7	20.2
1 16	5 37.75	+26 20.3	1.803	2.694	10.8	20.4
1 26	5 31.01	+26 14.5	1.877	2.686	14.4	20.6

244026 2001 SF_{165} 12 22.5 88°.12 6°.5/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.87	+39 38.3	2.000	2.786	14.6	20.2
11 27	6 31.43	+40 43.0	1.939	2.802	11.8	20.1
12 7	6 21.97	+41 37.0	1.900	2.818	8.9	19.9
12 17	6 10.38	+42 13.9	1.888	2.833	6.8	19.9
12 27	5 58.06	+42 29.3	1.904	2.849	6.7	19.9
1 6	5 46.57	+42 22.9	1.948	2.864	8.7	20.0
1 16	5 37.24	+41 58.4	2.018	2.879	11.3	20.2
1 26	5 30.96	+41 21.6	2.111	2.894	13.9	20.4

520526 2014 MO_{45} 12 22.5 252°.93 8°.6/21.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.03	+ 3 5.5	1.931	2.706	15.4	21.1
11 27	6 25.04	+ 1 44.1	1.847	2.696	13.0	20.9
12 7	6 17.78	+ 0 34.8	1.786	2.686	10.5	20.8
12 17	6 8.86	− 0 17.2	1.750	2.675	8.8	20.7
12 27	5 59.26	− 0 47.5	1.740	2.665	8.9	20.6
1 6	5 50.08	− 0 54.5	1.757	2.654	10.7	20.7
1 16	5 42.31	− 0 39.3	1.799	2.643	13.3	20.9
1 26	5 36.77	− 0 5.2	1.862	2.632	15.9	21.0

404822 2014 JN_{72} 12 22.5 180°.22 1°.9/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.12	+19 54.1	1.849	2.661	14.6	21.4
11 27	6 26.73	+19 26.3	1.770	2.661	11.2	21.2
12 7	6 18.85	+19 0.1	1.713	2.661	7.2	20.9
12 17	6 9.23	+18 35.8	1.684	2.661	3.1	20.7
12 27	5 58.99	+18 14.2	1.683	2.661	2.8	20.7
1 6	5 49.36	+17 56.2	1.712	2.661	6.9	20.9
1 16	5 41.42	+17 43.1	1.767	2.661	10.9	21.1
1 26	5 35.97	+17 35.6	1.846	2.660	14.3	21.4

413797 2006 HG_{152} 12 22.5 196°.16 6°.5/21.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.59	+ 4 33.8	2.509	3.277	12.5	21.3
11 27	6 22.62	+ 3 23.5	2.429	3.277	10.3	21.2
12 7	6 15.96	+ 2 22.4	2.374	3.276	8.2	21.0
12 17	6 8.13	+ 1 34.1	2.346	3.275	6.7	20.9
12 27	5 59.89	+ 1 1.2	2.346	3.274	6.7	20.9
1 6	5 52.03	+ 0 45.0	2.375	3.273	8.2	21.0
1 16	5 45.26	+ 0 44.9	2.430	3.271	10.4	21.2
1 26	5 40.19	+ 0 58.9	2.508	3.270	12.5	21.3

521549 2015 OF_{102} 12 22.5 212°.27 2°.3/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.80	+30 54.0	1.954	2.758	14.2	21.2
11 27	6 28.84	+30 46.1	1.870	2.756	11.0	20.9
12 7	6 20.21	+30 31.2	1.810	2.754	7.2	20.7
12 17	6 9.73	+30 6.9	1.777	2.752	3.4	20.5
12 27	5 58.61	+29 32.4	1.773	2.750	3.0	20.4
1 6	5 48.19	+28 49.1	1.799	2.747	6.7	20.7
1 16	5 39.63	+28 0.7	1.852	2.745	10.5	20.9
1 26	5 33.75	+27 11.6	1.930	2.742	13.9	21.1

519 Sylvania 12 22.5 81°.86 4°.2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.82	+33 0.2	1.955	2.756	14.4	13.6
11 27	6 29.64	+33 55.6	1.894	2.775	11.1	13.4
12 7	6 20.73	+34 45.1	1.857	2.793	7.7	13.3
12 17	6 9.91	+35 23.4	1.847	2.812	4.8	13.1
12 27	5 58.47	+35 46.8	1.866	2.831	4.7	13.2
1 6	5 47.79	+35 54.4	1.913	2.849	7.4	13.4
1 16	5 39.07	+35 48.7	1.988	2.868	10.6	13.6
1 26	5 33.13	+35 33.7	2.086	2.886	13.5	13.8

3211 Louispharailda 12 22.5 15°.74 8°.2/23.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.03	+40 33.4	1.242	2.067	19.6	15.7
11 27	6 29.08	+41 12.7	1.189	2.075	15.9	15.5
12 7	6 21.02	+41 34.6	1.154	2.085	12.0	15.3
12 17	6 10.10	+41 31.3	1.142	2.096	8.9	15.2
12 27	5 58.38	+40 58.7	1.153	2.109	8.5	15.2
1 6	5 48.07	+39 59.8	1.188	2.123	11.0	15.4
1 16	5 40.86	+38 42.8	1.246	2.138	14.5	15.6
1 26	5 37.66	+37 17.6	1.324	2.155	18.0	15.9

493110 2014 TY_6 12 22.5 61°.10 4°.2/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.66	+33 53.9	2.138	2.939	13.3	21.4
11 27	6 27.18	+34 42.6	2.067	2.946	10.4	21.2
12 7	6 19.17	+35 25.5	2.019	2.954	7.3	21.0
12 17	6 9.36	+35 58.0	1.999	2.962	4.7	20.9
12 27	5 58.89	+36 16.6	2.007	2.971	4.6	20.9
1 6	5 49.02	+36 20.8	2.044	2.979	7.1	21.0
1 16	5 40.84	+36 12.3	2.108	2.987	10.1	21.2
1 26	5 35.19	+35 54.8	2.196	2.995	12.9	21.4

278613 2008 QV_5 12 22.5 80°.89 6°.6/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.09	+ 7 18.9	1.609	2.402	17.3	20.2
11 27	6 28.09	+ 6 45.1	1.559	2.428	13.8	20.1
12 7	6 19.57	+ 6 26.0	1.530	2.454	10.1	19.9
12 17	6 9.44	+ 6 24.1	1.527	2.480	7.2	19.8
12 27	5 58.92	+ 6 40.1	1.550	2.505	6.8	19.9
1 6	5 49.30	+ 7 12.1	1.601	2.530	9.2	20.1
1 16	5 41.59	+ 7 57.1	1.678	2.554	12.4	20.3
1 26	5 36.51	+ 8 51.0	1.777	2.578	15.4	20.6

311061 2004 CO_{65} 12 22.5 266°.37 1°.8/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.88	+26 38.6	2.035	2.842	13.6	21.2
11 27	6 27.57	+27 14.8	1.936	2.825	10.5	21.0
12 7	6 19.61	+27 51.3	1.861	2.808	6.8	20.7
12 17	6 9.62	+28 24.5	1.813	2.790	3.0	20.4
12 27	5 58.64	+28 51.2	1.795	2.772	2.8	20.4
1 6	5 47.97	+29 9.6	1.806	2.754	6.7	20.6
1 16	5 38.83	+29 19.9	1.845	2.736	10.7	20.8
1 26	5 32.22	+29 24.2	1.908	2.717	14.1	21.0

448846 2011 UX_{103} 12 22.5 6°.16 5°.6/22.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.43	+34 47.7	1.666	2.477	16.0	20.8
11 27	6 29.35	+35 49.5	1.593	2.477	12.7	20.6
12 7	6 20.97	+36 44.6	1.542	2.478	9.1	20.4
12 17	6 10.12	+37 26.2	1.516	2.478	6.1	20.3
12 27	5 58.28	+37 49.0	1.518	2.480	6.1	20.3
1 6	5 47.15	+37 51.5	1.546	2.481	8.9	20.4
1 16	5 38.25	+37 36.5	1.600	2.483	12.5	20.6
1 26	5 32.64	+37 9.8	1.676	2.485	15.8	20.9

55456 2001 TW_{131} 12 22.5 9°.51 1°.6/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.52	+17 40.0	1.235	2.073	18.9	18.3
11 27	6 26.66	+18 8.1	1.169	2.073	14.5	18.0
12 7	6 19.39	+18 46.7	1.122	2.075	9.4	17.8
12 17	6 9.57	+19 33.5	1.099	2.078	3.8	17.4
12 27	5 58.74	+20 24.8	1.102	2.082	3.0	17.4
1 6	5 48.69	+21 16.8	1.130	2.086	8.5	17.7
1 16	5 40.98	+22 6.8	1.182	2.092	13.7	18.1
1 26	5 36.69	+22 53.7	1.255	2.098	18.1	18.3

108622 2001 MF_{27} 12 22.5 240.°10 4.°7/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.36	+ 7 49.5	2.476	3.256	12.3	20.0
11 27	6 22.58	+ 7 36.5	2.388	3.250	9.9	19.8
12 7	6 16.02	+ 7 33.2	2.323	3.244	7.3	19.6
12 17	6 8.20	+ 7 41.3	2.285	3.238	5.1	19.5
12 27	5 59.87	+ 8 1.0	2.276	3.232	4.9	19.4
1 6	5 51.85	+ 8 31.8	2.297	3.226	6.8	19.6
1 16	5 44.91	+ 9 12.0	2.346	3.219	9.5	19.7
1 26	5 39.70	+ 9 59.3	2.420	3.212	12.0	19.9

362302 2009 SY_{304} 12 22.5 133.°01 0.°6/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.36	+24 59.6	2.407	3.207	12.0	22.0
11 27	6 25.66	+25 8.6	2.330	3.217	9.1	21.8
12 7	6 17.95	+25 16.7	2.279	3.226	5.7	21.6
12 17	6 8.88	+25 22.2	2.256	3.235	2.1	21.4
12 27	5 59.35	+25 24.2	2.264	3.244	1.8	21.4
1 6	5 50.33	+25 22.5	2.302	3.252	5.3	21.6
1 16	5 42.67	+25 18.0	2.369	3.260	8.6	21.8
1 26	5 37.05	+25 12.0	2.462	3.267	11.4	22.0

254481 2005 EK_{13} 12 22.5 60.°55 2.°9/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.55	+16 47.2	1.214	2.045	19.6	20.5
11 27	6 29.45	+16 42.4	1.159	2.059	15.0	20.2
12 7	6 20.94	+16 46.5	1.124	2.074	9.8	20.0
12 17	6 10.05	+16 59.0	1.112	2.088	4.5	19.7
12 27	5 58.44	+17 18.7	1.126	2.103	3.9	19.7
1 6	5 47.90	+17 43.9	1.165	2.118	8.8	20.1
1 16	5 39.88	+18 13.0	1.229	2.134	13.7	20.4
1 26	5 35.30	+18 44.9	1.314	2.149	17.9	20.7

301733 2010 GA_{137} 12 22.5 113.°69 1.°8/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.49	+18 43.3	1.857	2.664	14.8	21.0
11 27	6 27.64	+18 35.2	1.788	2.677	11.3	20.8
12 7	6 19.36	+18 30.9	1.744	2.690	7.2	20.6
12 17	6 9.41	+18 29.9	1.726	2.703	3.1	20.4
12 27	5 58.95	+18 32.0	1.737	2.715	2.7	20.4
1 6	5 49.18	+18 36.7	1.777	2.727	6.7	20.6
1 16	5 41.14	+18 44.3	1.845	2.738	10.5	20.9
1 26	5 35.59	+18 54.8	1.937	2.749	13.8	21.1

450886 2008 AH_{92} 12 22.5 204.°64 1.°6/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.72	+26 58.6	2.037	2.845	13.6	21.9
11 27	6 27.23	+27 21.4	1.954	2.843	10.4	21.7
12 7	6 19.23	+27 42.7	1.894	2.841	6.7	21.5
12 17	6 9.43	+27 59.6	1.861	2.839	2.9	21.2
12 27	5 58.91	+28 9.9	1.858	2.836	2.5	21.2
1 6	5 48.90	+28 12.8	1.885	2.834	6.4	21.4
1 16	5 40.52	+28 9.5	1.939	2.831	10.1	21.6
1 26	5 34.60	+28 2.3	2.017	2.828	13.4	21.9

326591 2002 QF_{125} 12 22.5 136.°35 4.°4/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.84	+ 6 18.0	2.859	3.625	11.1	21.2
11 27	6 22.59	+ 6 10.8	2.784	3.636	8.9	21.0
12 7	6 15.85	+ 6 13.3	2.733	3.647	6.7	20.9
12 17	6 8.11	+ 6 26.3	2.710	3.658	4.8	20.8
12 27	6 0.02	+ 6 50.0	2.718	3.668	4.6	20.8
1 6	5 52.29	+ 7 23.5	2.755	3.677	6.1	20.9
1 16	5 45.55	+ 8 5.0	2.822	3.687	8.3	21.1
1 26	5 40.32	+ 8 52.5	2.914	3.696	10.5	21.2

51048 2000 GB_{137} 12 22.5 200.°29 3.°1/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.41	+11 53.2	2.677	3.464	11.3	19.3
11 27	6 22.49	+11 51.4	2.590	3.462	8.8	19.2
12 7	6 15.91	+11 56.7	2.527	3.460	6.1	19.0
12 17	6 8.16	+12 9.5	2.492	3.457	3.7	18.8
12 27	5 59.96	+12 29.8	2.487	3.455	3.4	18.8
1 6	5 52.06	+12 56.7	2.513	3.452	5.7	18.9
1 16	5 45.19	+13 29.0	2.568	3.449	8.4	19.1
1 26	5 39.95	+14 5.5	2.648	3.446	11.0	19.3

174448 2002 XN_{68} 12 22.5 321.°90 9.°5/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.59	+ 2 36.5	1.568	2.362	17.6	19.1
11 27	6 23.08	+ 1 40.2	1.480	2.341	14.8	18.8
12 7	6 16.90	+ 1 0.7	1.412	2.321	12.0	18.6
12 17	6 8.68	+ 0 43.8	1.366	2.301	9.9	18.4
12 27	5 59.49	+ 0 53.7	1.345	2.282	9.8	18.4
1 6	5 50.64	+ 1 30.9	1.349	2.264	11.8	18.4
1 16	5 43.39	+ 2 32.4	1.376	2.246	15.0	18.6
1 26	5 38.75	+ 3 52.4	1.423	2.230	18.2	18.8

268731 2006 KQ_{6} 12 22.5 214.°82 0.°1/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.97	+23 42.4	2.725	3.524	10.8	21.6
11 27	6 23.75	+23 47.2	2.633	3.519	8.2	21.4
12 7	6 16.74	+23 51.9	2.566	3.513	5.2	21.2
12 17	6 8.47	+23 55.5	2.528	3.507	1.9	21.0
12 27	5 59.71	+23 57.0	2.521	3.501	1.5	20.9
1 6	5 51.29	+23 56.4	2.545	3.495	4.9	21.2
1 16	5 43.99	+23 54.2	2.598	3.489	8.0	21.3
1 26	5 38.42	+23 51.3	2.677	3.482	10.7	21.5

198680 2005 CN_{6} 12 22.5 253.°00 4.°1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.56	+36 26.1	2.410	3.199	12.3	20.1
11 27	6 26.90	+36 46.0	2.325	3.197	9.7	19.9
12 7	6 18.91	+36 57.7	2.264	3.194	6.9	19.7
12 17	6 9.30	+36 57.8	2.231	3.191	4.6	19.6
12 27	5 59.10	+36 44.3	2.227	3.189	4.4	19.5
1 6	5 49.45	+36 17.5	2.252	3.186	6.6	19.7
1 16	5 41.37	+35 40.0	2.305	3.183	9.4	19.8
1 26	5 35.61	+34 55.9	2.383	3.180	12.0	20.0

100666 1997 WO_{37} 12 22.5 65.°93 0.°6/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.28	+21 8.8	1.437	2.260	17.5	18.9
11 27	6 29.55	+21 22.2	1.384	2.282	13.3	18.7
12 7	6 20.78	+21 39.1	1.353	2.304	8.4	18.4
12 17	6 9.97	+21 57.2	1.346	2.326	3.1	18.2
12 27	5 58.62	+22 14.2	1.368	2.348	2.4	18.2
1 6	5 48.29	+22 29.2	1.417	2.370	7.5	18.6
1 16	5 40.25	+22 42.5	1.491	2.392	12.0	18.9
1 26	5 35.31	+22 55.1	1.588	2.414	15.7	19.2

87632 2000 RF_{64} 12 22.5 181.°13 5.°6/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.14	+ 6 45.0	2.280	3.058	13.3	20.4
11 27	6 24.01	+ 6 15.6	2.199	3.058	10.7	20.2
12 7	6 16.96	+ 5 56.8	2.142	3.059	8.1	20.0
12 17	6 8.58	+ 5 50.8	2.111	3.059	6.0	19.9
12 27	5 59.69	+ 5 58.7	2.109	3.058	5.8	19.9
1 6	5 51.21	+ 6 20.2	2.136	3.058	7.7	20.0
1 16	5 43.96	+ 6 53.7	2.190	3.057	10.3	20.2
1 26	5 38.59	+ 7 36.5	2.268	3.056	12.9	20.4

451780 2013 GP_{92} 12 22.5 275.°74 1.°9/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.96	+19 28.3	2.074	2.879	13.5	21.5
11 27	6 26.69	+19 1.5	1.965	2.852	10.5	21.2
12 7	6 18.98	+18 35.7	1.879	2.825	6.9	20.9
12 17	6 9.41	+18 11.1	1.821	2.798	3.1	20.6
12 27	5 58.96	+17 48.6	1.793	2.770	2.8	20.6
1 6	5 48.78	+17 29.2	1.794	2.742	6.8	20.8
1 16	5 39.98	+17 14.1	1.823	2.713	10.8	20.9
1 26	5 33.47	+17 4.4	1.876	2.684	14.4	21.1

114469 2003 AK_{39} 12 22.5 71.°96 11.°7/25.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 54.98	+52 58.8	1.499	2.247	20.3	18.5
11 27	6 45.61	+53 30.3	1.449	2.268	17.5	18.4
12 7	6 31.20	+53 33.7	1.417	2.289	14.6	18.3
12 17	6 13.66	+52 58.3	1.407	2.310	12.4	18.2
12 27	5 55.91	+51 39.9	1.421	2.331	11.7	18.2
1 6	5 40.75	+49 44.9	1.461	2.352	12.8	18.3
1 16	5 29.93	+47 26.3	1.525	2.373	15.1	18.5
1 26	5 24.06	+44 59.2	1.612	2.394	17.5	18.8

458593 2011 FG_{35} 12 22.5 296.°03 1.°2/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.49	+25 58.7	2.250	3.058	12.5	21.5
11 27	6 24.63	+26 20.0	2.159	3.049	9.5	21.3
12 7	6 17.55	+26 40.8	2.092	3.040	6.1	21.1
12 17	6 8.86	+26 58.7	2.053	3.032	2.5	20.8
12 27	5 59.49	+27 12.0	2.044	3.023	2.2	20.8
1 6	5 50.50	+27 19.7	2.064	3.014	5.8	21.0
1 16	5 42.87	+27 22.5	2.112	3.006	9.4	21.2
1 26	5 37.39	+27 21.9	2.185	2.997	12.5	21.4

13514 Mikerudenko 12 22.5 201.°47 1.°4/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.11	+20 31.3	2.040	2.840	13.9	18.8
11 27	6 28.89	+20 10.7	1.951	2.836	10.6	18.6
12 7	6 20.23	+19 51.1	1.885	2.831	6.8	18.3
12 17	6 9.83	+19 32.1	1.848	2.826	2.8	18.1
12 27	5 58.74	+19 14.0	1.841	2.819	2.5	18.0
1 6	5 48.17	+18 57.7	1.863	2.812	6.5	18.3
1 16	5 39.19	+18 44.3	1.915	2.804	10.4	18.5
1 26	5 32.61	+18 35.0	1.990	2.795	13.8	18.7

327600 2006 DQ_{202} 12 22.5 193.°89 2.°7/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.27	+12 8.8	2.941	3.721	10.5	21.3
11 27	6 23.03	+12 14.7	2.850	3.719	8.2	21.1
12 7	6 16.22	+12 27.2	2.784	3.717	5.7	20.9
12 17	6 8.31	+12 46.4	2.747	3.713	3.3	20.8
12 27	5 59.97	+13 12.0	2.741	3.710	3.0	20.7
1 6	5 51.89	+13 43.0	2.767	3.706	5.2	20.9
1 16	5 44.76	+14 18.2	2.822	3.701	7.8	21.0
1 26	5 39.12	+14 56.6	2.903	3.696	10.2	21.2

212231 2005 JM_{27} 12 22.5 297.°96 0.°0/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.21	+22 18.3	1.695	2.515	15.4	20.1
11 27	6 26.73	+22 35.3	1.597	2.494	11.8	19.8
12 7	6 19.32	+22 55.6	1.522	2.473	7.6	19.5
12 17	6 9.63	+23 16.9	1.473	2.453	2.8	19.2
12 27	5 58.83	+23 37.1	1.452	2.432	2.3	19.1
1 6	5 48.36	+23 54.5	1.458	2.412	7.3	19.4
1 16	5 39.61	+24 9.1	1.491	2.392	12.0	19.6
1 26	5 33.68	+24 22.0	1.547	2.372	16.1	19.8

107828 2001 FS_{67} 12 22.5 193°.60 1°.0/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 35.44	+20 13.3	1.976	2.777	14.2	21.1
11 27	6 29.26	+20 18.2	1.889	2.775	10.9	20.9
12 7	6 20.54	+20 26.2	1.826	2.773	7.0	20.6
12 17	6 9.96	+20 35.8	1.791	2.769	2.7	20.4
12 27	5 58.64	+20 46.0	1.785	2.765	2.2	20.3
1 6	5 47.81	+20 55.9	1.810	2.760	6.5	20.6
1 16	5 38.60	+21 5.8	1.863	2.754	10.6	20.8
1 26	5 31.89	+21 16.5	1.940	2.747	14.0	21.0

337969 2002 CD_{53} 12 22.5 344°.26 6°.3/22.8 18

11 17	6 25.89	+11 43.4	1.176	2.016	19.5	19.9
11 27	6 23.28	+11 8.2	1.102	2.003	15.6	19.6
12 7	6 17.38	+10 46.1	1.047	1.992	11.1	19.3
12 17	6 8.95	+10 41.0	1.013	1.982	7.2	19.0
12 27	5 59.42	+10 54.9	1.004	1.973	6.8	19.0
1 6	5 50.51	+11 27.2	1.017	1.966	10.6	19.2
1 16	5 43.77	+12 14.8	1.053	1.960	15.3	19.4
1 26	5 40.34	+13 13.2	1.109	1.956	19.6	19.7

424188 2007 JN_{22} 12 22.5 184°.87 1°.7/22.3 18

11 17	6 31.88	+27 12.6	2.841	3.632	10.6	21.6
11 27	6 26.00	+27 58.4	2.752	3.632	8.1	21.5
12 7	6 18.23	+28 43.6	2.689	3.632	5.2	21.3
12 17	6 9.08	+29 25.5	2.656	3.631	2.4	21.1
12 27	5 59.35	+30 1.5	2.654	3.629	2.3	21.1
1 6	5 49.90	+30 30.2	2.684	3.628	5.1	21.3
1 16	5 41.57	+30 51.4	2.744	3.625	7.9	21.4
1 26	5 35.04	+31 6.5	2.830	3.623	10.5	21.6

49871 1999 XY_{118} 12 22.5 3°.62 0°.7/22.5 18

11 17	6 31.65	+23 19.0	1.180	2.023	19.3	17.1
11 27	6 27.69	+22 57.7	1.113	2.022	14.8	16.8
12 7	6 20.12	+22 35.9	1.066	2.021	9.4	16.5
12 17	6 9.90	+22 12.8	1.042	2.022	3.5	16.2
12 27	5 58.74	+21 48.6	1.043	2.024	2.9	16.1
1 6	5 48.55	+21 24.9	1.069	2.026	8.8	16.5
1 16	5 40.93	+21 4.3	1.118	2.029	14.2	16.8
1 26	5 36.92	+20 49.1	1.188	2.033	18.7	17.1

414711 2009 WP_{214} 12 22.5 80°.64 2°.0/22.4 18

11 17	6 30.61	+18 37.7	2.242	3.044	12.7	21.3
11 27	6 25.02	+18 5.7	2.177	3.063	9.7	21.2
12 7	6 17.51	+17 36.1	2.137	3.081	6.3	21.0
12 17	6 8.77	+17 9.5	2.125	3.100	2.9	20.8
12 27	5 59.71	+16 46.7	2.143	3.119	2.7	20.8
1 6	5 51.26	+16 28.6	2.191	3.137	5.8	21.0
1 16	5 44.23	+16 15.8	2.268	3.156	9.1	21.3
1 26	5 39.21	+16 8.6	2.369	3.174	11.9	21.5

343805 2011 GR_{80} 12 22.5 214°.79 0°.0/22.5 18

11 17	6 34.89	+23 17.3	1.877	2.685	14.6	21.9
11 27	6 29.06	+23 20.8	1.789	2.679	11.2	21.7
12 7	6 20.52	+23 24.8	1.724	2.672	7.1	21.4
12 17	6 10.00	+23 27.5	1.686	2.665	2.6	21.1
12 27	5 58.65	+23 27.4	1.677	2.657	2.1	21.1
1 6	5 47.82	+23 24.4	1.698	2.649	6.7	21.4
1 16	5 38.72	+23 19.5	1.746	2.640	11.0	21.6
1 26	5 32.27	+23 14.6	1.818	2.631	14.6	21.8

47548 2000 AO_{124} 12 22.5 359°.33 3°.1/22.7 18

11 17	6 27.43	+16 48.3	1.295	2.133	18.1	18.2
11 27	6 24.15	+16 37.7	1.226	2.130	14.0	18.0
12 7	6 17.74	+16 35.2	1.176	2.128	9.3	17.7
12 17	6 9.04	+16 41.4	1.150	2.127	4.5	17.4
12 27	5 59.44	+16 55.9	1.150	2.127	3.9	17.4
1 6	5 50.55	+17 17.7	1.174	2.129	8.6	17.7
1 16	5 43.79	+17 45.3	1.223	2.131	13.4	18.0
1 26	5 40.16	+18 17.1	1.292	2.135	17.6	18.2

248229 2005 EU_{215} 12 22.5 322°.86 6°.3/21.9 18

11 17	6 33.91	+40 40.6	2.311	3.092	13.0	20.1
11 27	6 28.38	+41 43.4	2.231	3.089	10.6	20.0
12 7	6 20.13	+42 37.3	2.174	3.086	8.2	19.8
12 17	6 9.87	+43 16.3	2.144	3.083	6.5	19.7
12 27	5 58.76	+43 36.2	2.141	3.080	6.5	19.7
1 6	5 48.14	+43 36.1	2.167	3.077	8.3	19.8
1 16	5 39.25	+43 18.2	2.219	3.075	10.7	19.9
1 26	5 33.01	+42 47.1	2.294	3.072	13.1	20.1

381128 2007 EV_{13} 12 22.5 292°.08 1°.5/22.5 18

11 17	6 33.49	+26 17.9	1.501	2.326	16.8	21.2
11 27	6 28.86	+26 29.9	1.410	2.309	13.0	20.9
12 7	6 20.87	+26 40.8	1.340	2.291	8.4	20.6
12 17	6 10.25	+26 47.0	1.295	2.274	3.4	20.3
12 27	5 58.42	+26 45.9	1.278	2.257	2.9	20.2
1 6	5 47.09	+26 37.0	1.287	2.241	8.1	20.5
1 16	5 37.88	+26 22.2	1.321	2.224	13.1	20.7
1 26	5 31.98	+26 5.2	1.378	2.207	17.5	20.9

382054 2011 EU_2 12 22.5 20°.91 8°.1/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.54	+ 8 24.7	1.139	1.968	20.7	20.7
11 27	6 25.83	+ 7 31.9	1.083	1.974	16.7	20.4
12 7	6 18.80	+ 6 56.3	1.045	1.980	12.4	20.2
12 17	6 9.41	+ 6 43.0	1.028	1.987	8.9	20.1
12 27	5 59.21	+ 6 54.4	1.035	1.995	8.5	20.1
1 6	5 49.94	+ 7 29.2	1.065	2.004	11.5	20.3
1 16	5 43.01	+ 8 22.9	1.118	2.013	15.6	20.5
1 26	5 39.40	+ 9 29.3	1.190	2.024	19.4	20.8

361747 2007 XZ_{50} 12 22.5 340°.44 4°.2/21.6 17

11 17	6 30.93	+26 45.0	1.385	2.219	17.4	19.9
11 27	6 27.36	+28 23.6	1.303	2.205	13.5	19.6
12 7	6 20.21	+30 8.8	1.242	2.192	9.0	19.3
12 17	6 10.11	+31 52.4	1.206	2.180	4.9	19.0
12 27	5 58.48	+33 24.8	1.197	2.170	5.2	19.0
1 6	5 47.21	+34 39.2	1.215	2.160	9.5	19.2
1 16	5 38.13	+35 33.4	1.256	2.152	14.2	19.5
1 26	5 32.67	+36 10.0	1.319	2.145	18.3	19.7

84700 2002 VL_{112} 12 22.5 306°.00 1°.2/22.4 18

11 17	6 31.96	+23 5.9	1.749	2.566	15.1	19.3
11 27	6 26.95	+22 22.2	1.659	2.554	11.6	19.0
12 7	6 19.23	+21 35.5	1.592	2.542	7.4	18.8
12 17	6 9.54	+20 46.4	1.551	2.530	2.9	18.5
12 27	5 59.08	+19 56.4	1.539	2.519	2.6	18.4
1 6	5 49.21	+19 8.2	1.556	2.507	7.2	18.7
1 16	5 41.12	+18 25.0	1.599	2.496	11.6	18.9
1 26	5 35.72	+17 49.1	1.665	2.486	15.4	19.1

191229 2002 RQ_{246} 12 22.5 80°.76 4°.6/22.6 17

11 17	6 33.35	+37 1.4	2.304	3.094	12.8	20.2
11 27	6 27.59	+37 35.1	2.231	3.102	10.1	20.1
12 7	6 19.40	+38 0.5	2.183	3.110	7.3	19.9
12 17	6 9.54	+38 13.4	2.161	3.118	5.1	19.8
12 27	5 59.11	+38 11.3	2.168	3.126	4.9	19.8
1 6	5 49.32	+37 54.4	2.204	3.134	7.0	19.9
1 16	5 41.20	+37 25.3	2.267	3.142	9.7	20.1
1 26	5 35.53	+36 48.2	2.355	3.150	12.3	20.3

409063 2003 SF_{184} 12 22.5 73°.72 0°.5/22.5 17

11 17	6 31.75	+24 34.0	2.183	2.988	12.9	21.5
11 27	6 26.04	+24 41.6	2.122	3.011	9.7	21.4
12 7	6 18.23	+24 48.5	2.086	3.034	6.1	21.2
12 17	6 9.07	+24 53.0	2.078	3.057	2.2	21.0
12 27	5 59.54	+24 54.2	2.100	3.080	1.8	21.0
1 6	5 50.67	+24 52.0	2.152	3.103	5.5	21.3
1 16	5 43.35	+24 47.6	2.232	3.125	8.9	21.5
1 26	5 38.20	+24 42.2	2.337	3.148	11.8	21.8

277303 2005 SE_{144} 12 22.5 11°.08 3°.8/22.7 18

11 17	6 32.03	+14 57.3	1.473	2.293	17.3	20.8
11 27	6 27.27	+14 39.7	1.401	2.293	13.5	20.5
12 7	6 19.55	+14 30.6	1.349	2.294	9.1	20.3
12 17	6 9.68	+14 31.1	1.321	2.294	4.9	20.0
12 27	5 58.99	+14 41.2	1.321	2.295	4.4	20.0
1 6	5 48.98	+15 0.4	1.347	2.296	8.4	20.2
1 16	5 40.96	+15 27.1	1.399	2.297	12.9	20.5
1 26	5 35.89	+15 59.8	1.472	2.298	16.8	20.7

254451 2005 CL_1 12 22.5 37°.78 3°.8/22.8 18 R

11 17	6 37.09	+31 44.0	1.200	2.032	19.7	19.8
11 27	6 32.00	+31 51.5	1.138	2.038	15.3	19.6
12 7	6 22.89	+31 49.8	1.095	2.044	10.2	19.3
12 17	6 10.93	+31 33.9	1.076	2.051	5.2	19.0
12 27	5 58.08	+31 1.3	1.082	2.058	4.5	19.0
1 6	5 46.50	+30 14.6	1.113	2.065	9.2	19.3
1 16	5 37.90	+29 20.1	1.168	2.073	14.2	19.6
1 26	5 33.29	+28 24.8	1.244	2.082	18.5	19.9

410787 2009 FP_{68} 12 22.6 206°.57 1°.0/22.6 18

11 17	6 31.55	+18 51.6	2.843	3.631	10.7	22.6
11 27	6 25.65	+19 4.3	2.745	3.623	8.2	22.5
12 7	6 17.98	+19 20.2	2.672	3.615	5.2	22.3
12 17	6 9.03	+19 38.4	2.629	3.606	2.1	22.0
12 27	5 59.53	+19 57.7	2.618	3.597	1.8	22.0
1 6	5 50.30	+20 17.6	2.639	3.586	4.9	22.2
1 16	5 42.09	+20 37.4	2.690	3.575	7.9	22.4
1 26	5 35.57	+20 57.3	2.767	3.563	10.6	22.5

103388 2000 AX_{123} 12 22.6 274°.88 4°.0/22.5 18

11 17	6 32.55	+15 4.8	1.619	2.431	16.3	19.7
11 27	6 27.72	+14 35.0	1.522	2.411	12.8	19.4
12 7	6 19.95	+14 11.3	1.448	2.391	8.8	19.1
12 17	6 9.91	+13 55.4	1.398	2.370	4.9	18.8
12 27	5 58.77	+13 48.7	1.376	2.349	4.7	18.7
1 6	5 47.99	+13 51.8	1.382	2.327	8.6	18.9
1 16	5 38.95	+14 4.5	1.413	2.306	13.1	19.1
1 26	5 32.73	+14 26.0	1.466	2.284	17.2	19.3

102522 1999 TC_{321} 12 22.6 51.°48 5.°2/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.24	+11 9.3	1.917	2.718	14.6	19.3
11 27	6 24.28	+10 14.0	1.854	2.731	11.5	19.1
12 7	6 17.21	+ 9 26.9	1.815	2.746	8.3	19.0
12 17	6 8.73	+ 8 50.8	1.801	2.760	5.7	18.8
12 27	5 59.84	+ 8 28.0	1.816	2.775	5.6	18.9
1 6	5 51.59	+ 8 19.0	1.859	2.790	8.0	19.0
1 16	5 44.87	+ 8 23.1	1.928	2.805	11.0	19.3
1 26	5 40.32	+ 8 38.5	2.020	2.820	13.8	19.5

508382 2016 FT_{61} 12 22.6 284.°52 9.°0/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 44.71	+30 16.8	1.127	1.953	21.1	20.9
11 27	6 39.59	+33 28.9	1.053	1.946	16.8	20.7
12 7	6 29.15	+36 53.2	1.000	1.939	12.3	20.4
12 17	6 13.79	+40 10.1	0.973	1.932	9.2	20.2
12 27	5 55.37	+42 56.7	0.973	1.925	10.3	20.2
1 6	5 36.96	+44 58.0	0.998	1.918	14.4	20.4
1 16	5 21.81	+46 12.9	1.047	1.911	19.1	20.7
1 26	5 12.27	+46 51.7	1.113	1.905	23.2	20.9

183019 2002 PG_{96} 12 22.6 89.°11 1.°2/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.38	+25 57.3	1.486	2.303	17.3	20.8
11 27	6 31.94	+26 6.5	1.429	2.324	13.1	20.6
12 7	6 22.35	+26 13.5	1.395	2.344	8.3	20.3
12 17	6 10.63	+26 15.5	1.386	2.365	3.2	20.1
12 27	5 58.37	+26 10.4	1.405	2.385	2.6	20.1
1 6	5 47.20	+25 58.9	1.452	2.404	7.5	20.5
1 16	5 38.44	+25 43.6	1.525	2.423	12.0	20.8
1 26	5 32.92	+25 27.6	1.621	2.442	15.7	21.0

127613 2003 BP_{44} 12 22.6 270.°27 0.°5/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.36	+21 26.3	1.661	2.478	15.8	20.4
11 27	6 28.37	+21 35.5	1.568	2.462	12.2	20.2
12 7	6 20.38	+21 48.1	1.496	2.446	7.8	19.9
12 17	6 10.07	+22 2.2	1.450	2.430	2.9	19.5
12 27	5 58.67	+22 15.9	1.433	2.413	2.4	19.5
1 6	5 47.67	+22 28.2	1.443	2.396	7.5	19.7
1 16	5 38.48	+22 39.3	1.480	2.379	12.2	20.0
1 26	5 32.20	+22 50.2	1.540	2.362	16.3	20.2

515866 2015 OQ_{87} 12 22.6 141.°44 6.°4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.10	+ 6 47.7	1.863	2.650	15.5	21.8
11 27	6 25.88	+ 6 14.9	1.790	2.654	12.5	21.6
12 7	6 18.34	+ 5 55.0	1.739	2.659	9.4	21.4
12 17	6 9.19	+ 5 50.6	1.713	2.663	6.9	21.3
12 27	5 59.45	+ 6 3.2	1.715	2.667	6.6	21.3
1 6	5 50.25	+ 6 31.8	1.745	2.671	8.8	21.4
1 16	5 42.60	+ 7 14.1	1.801	2.674	11.9	21.6
1 26	5 37.25	+ 8 6.7	1.881	2.678	14.8	21.8

345108 2005 PF_{4} 12 22.6 103.°46 5.°0/23.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.80	+ 9 47.4	1.753	2.543	16.2	21.9
11 27	6 29.33	+ 9 34.6	1.696	2.568	12.7	21.7
12 7	6 20.42	+ 9 33.9	1.662	2.592	9.0	21.6
12 17	6 9.90	+ 9 46.2	1.654	2.616	5.7	21.4
12 27	5 58.95	+10 11.1	1.675	2.638	5.3	21.5
1 6	5 48.81	+10 47.0	1.724	2.661	8.0	21.7
1 16	5 40.49	+11 31.1	1.801	2.682	11.4	21.9
1 26	5 34.73	+12 20.8	1.901	2.702	14.5	22.2

263272 2008 BV_{25} 12 22.6 348.°42 7.°2/23.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.17	+40 15.7	1.527	2.334	17.4	20.3
11 27	6 30.34	+40 43.6	1.451	2.328	14.2	20.0
12 7	6 21.81	+40 56.8	1.396	2.323	10.7	19.8
12 17	6 10.57	+40 48.3	1.365	2.318	7.8	19.7
12 27	5 58.37	+40 14.1	1.359	2.315	7.4	19.6
1 6	5 47.18	+39 15.7	1.378	2.312	9.9	19.8
1 16	5 38.65	+37 59.6	1.423	2.310	13.5	20.0
1 26	5 33.80	+36 34.8	1.489	2.308	16.9	20.2

275862 2001 SG_{174} 12 22.6 53.°72 3.°9/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.49	+30 8.3	1.341	2.167	18.3	20.2
11 27	6 31.10	+30 54.3	1.286	2.183	14.1	19.9
12 7	6 22.13	+31 35.6	1.252	2.199	9.4	19.7
12 17	6 10.63	+32 5.8	1.243	2.216	4.9	19.5
12 27	5 58.36	+32 20.6	1.259	2.233	4.6	19.5
1 6	5 47.23	+32 19.3	1.303	2.251	8.7	19.8
1 16	5 38.75	+32 5.6	1.370	2.268	13.1	20.1
1 26	5 33.89	+31 44.7	1.459	2.286	16.8	20.4

148572 2001 QS_{265} 12 22.6 83.°87 2.°4/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.05	+16 24.3	1.878	2.686	14.6	20.0
11 27	6 25.89	+16 21.4	1.807	2.694	11.2	19.8
12 7	6 18.36	+16 24.6	1.758	2.703	7.4	19.6
12 17	6 9.20	+16 33.8	1.736	2.711	3.5	19.4
12 27	5 59.47	+16 48.4	1.743	2.720	3.1	19.4
1 6	5 50.33	+17 7.5	1.779	2.728	6.7	19.6
1 16	5 42.80	+17 30.2	1.842	2.736	10.5	19.9
1 26	5 37.63	+17 55.9	1.929	2.745	13.8	20.1

230471 2002 RH_{228} 12 22.6 45.°36 4.°2/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 36.12	+29 14.6	1.296	2.126	18.7	19.8
11 27	6 31.14	+30 18.6	1.235	2.134	14.4	19.5
12 7	6 22.38	+31 20.8	1.195	2.143	9.6	19.3
12 17	6 10.81	+32 13.4	1.178	2.152	5.1	19.0
12 27	5 58.19	+32 50.0	1.187	2.161	5.0	19.1
1 6	5 46.55	+33 8.4	1.223	2.170	9.2	19.3
1 16	5 37.60	+33 11.0	1.283	2.180	13.8	19.6
1 26	5 32.45	+33 3.0	1.363	2.191	17.8	19.9

381380 2008 FA_{109} 12 22.6 353.°24 2.°2/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.56	+18 19.4	1.321	2.151	18.3	21.5
11 27	6 28.09	+18 15.9	1.249	2.150	14.1	21.2
12 7	6 20.30	+18 19.1	1.197	2.148	9.2	21.0
12 17	6 10.04	+18 28.5	1.169	2.147	4.0	20.7
12 27	5 58.80	+18 42.9	1.168	2.147	3.4	20.6
1 6	5 48.31	+19 1.2	1.192	2.147	8.5	20.9
1 16	5 40.07	+19 22.7	1.241	2.147	13.5	21.2
1 26	5 35.14	+19 47.0	1.311	2.147	17.8	21.5

450451 2005 UF_{454} 12 22.6 73.°53 1.°6/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.30	+21 32.9	1.930	2.738	14.2	20.7
11 27	6 27.34	+20 48.0	1.866	2.756	10.8	20.5
12 7	6 19.11	+20 2.7	1.826	2.773	6.9	20.3
12 17	6 9.42	+19 17.9	1.814	2.791	2.9	20.1
12 27	5 59.38	+18 35.4	1.831	2.809	2.6	20.1
1 6	5 50.13	+17 56.9	1.878	2.827	6.4	20.4
1 16	5 42.60	+17 24.5	1.952	2.844	10.1	20.7
1 26	5 37.45	+16 59.2	2.051	2.862	13.2	20.9

402229 2005 EH_{245} 12 22.6 264.°61 2.°6/22.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.65	+29 34.9	2.014	2.817	13.9	22.1
11 27	6 29.08	+29 58.9	1.911	2.797	10.8	21.8
12 7	6 20.71	+30 19.8	1.832	2.775	7.2	21.6
12 17	6 10.19	+30 33.8	1.779	2.754	3.6	21.3
12 27	5 58.64	+30 38.0	1.756	2.732	3.3	21.2
1 6	5 47.43	+30 31.4	1.762	2.709	7.0	21.4
1 16	5 37.86	+30 15.7	1.796	2.686	11.0	21.6
1 26	5 30.95	+29 54.4	1.854	2.662	14.5	21.8

484636 2008 SW_{230} 12 22.6 38.°32 9.°5/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.45	+ 3 48.5	1.516	2.310	18.1	20.9
11 27	6 25.79	+ 2 26.0	1.453	2.314	15.1	20.7
12 7	6 18.47	+ 1 19.4	1.409	2.319	12.0	20.5
12 17	6 9.29	+ 0 34.9	1.389	2.323	9.9	20.4
12 27	5 59.46	+ 0 16.8	1.394	2.328	9.8	20.4
1 6	5 50.31	+ 0 25.7	1.424	2.333	11.8	20.5
1 16	5 43.00	+ 0 58.9	1.477	2.339	14.7	20.7
1 26	5 38.37	+ 1 50.9	1.551	2.344	17.6	20.9

188643 2005 RA_{15} 12 22.6 354.°62 2.°3/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.74	+17 40.3	1.831	2.644	14.7	20.9
11 27	6 25.06	+17 29.0	1.752	2.643	11.3	20.7
12 7	6 17.95	+17 22.4	1.695	2.642	7.4	20.5
12 17	6 9.10	+17 20.8	1.666	2.642	3.4	20.2
12 27	5 59.60	+17 24.0	1.664	2.641	3.0	20.2
1 6	5 50.62	+17 31.6	1.691	2.641	6.9	20.5
1 16	5 43.25	+17 43.6	1.744	2.641	10.8	20.7
1 26	5 38.29	+17 59.4	1.821	2.641	14.3	20.9

186427 2002 RB_{77} 12 22.6 19.°92 3.°1/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.92	+17 35.8	1.266	2.099	18.8	19.9
11 27	6 27.59	+17 12.6	1.200	2.102	14.5	19.6
12 7	6 19.93	+16 55.8	1.155	2.105	9.5	19.4
12 17	6 9.89	+16 46.2	1.132	2.109	4.5	19.1
12 27	5 59.00	+16 44.1	1.136	2.113	4.1	19.1
1 6	5 48.97	+16 49.5	1.165	2.118	8.9	19.4
1 16	5 41.26	+17 2.1	1.218	2.123	13.8	19.7
1 26	5 36.87	+17 21.0	1.292	2.129	18.0	19.9

324704 2007 EX_{101} 12 22.6 10.°03 6.°0/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.68	+ 8 6.8	1.753	2.554	15.7	19.9
11 27	6 23.48	+ 7 42.4	1.681	2.556	12.6	19.7
12 7	6 16.94	+ 7 31.1	1.630	2.558	9.3	19.5
12 17	6 8.74	+ 7 35.1	1.604	2.560	6.6	19.4
12 27	5 59.92	+ 7 55.5	1.605	2.563	6.2	19.4
1 6	5 51.63	+ 8 30.9	1.633	2.567	8.6	19.5
1 16	5 44.89	+ 9 18.7	1.687	2.571	11.9	19.7
1 26	5 40.49	+10 15.4	1.763	2.576	15.0	19.9

82913 2001 QN_{103} 12 22.6 132.°27 2.°0/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.08	+28 48.0	2.154	2.946	13.5	19.7
11 27	6 31.72	+29 5.9	2.086	2.966	10.3	19.5
12 7	6 21.92	+29 19.9	2.042	2.985	6.7	19.3
12 17	6 10.49	+29 26.9	2.027	3.003	3.0	19.1
12 27	5 58.58	+29 24.9	2.043	3.020	2.7	19.1
1 6	5 47.43	+29 14.4	2.090	3.036	6.1	19.4
1 16	5 38.08	+28 57.4	2.166	3.051	9.6	19.6
1 26	5 31.26	+28 37.1	2.267	3.065	12.5	19.9

195839 2002 QO_{67} 12 22.6 177°.25 0°.5/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.24	+21 32.5	2.719	3.517	10.8	21.5
11 27	6 23.95	+21 36.0	2.633	3.518	8.2	21.3
12 7	6 16.92	+21 40.7	2.573	3.519	5.2	21.1
12 17	6 8.68	+21 45.6	2.541	3.520	2.0	20.9
12 27	5 59.98	+21 50.3	2.540	3.520	1.6	20.9
1 6	5 51.65	+21 54.4	2.570	3.520	4.8	21.1
1 16	5 44.44	+21 58.1	2.630	3.520	7.9	21.3
1 26	5 38.94	+22 2.1	2.715	3.519	10.5	21.5

51708 2001 KU_{28} 12 22.6 179°.14 1°.0/22.5 18

11 17	6 35.97	+21 59.4	1.826	2.632	15.0	19.8
11 27	6 29.80	+21 40.7	1.745	2.634	11.5	19.6
12 7	6 20.95	+21 22.2	1.687	2.635	7.3	19.4
12 17	6 10.20	+21 3.2	1.657	2.635	2.8	19.1
12 27	5 58.78	+20 43.6	1.655	2.635	2.3	19.1
1 6	5 48.01	+20 24.6	1.684	2.634	6.8	19.3
1 16	5 39.07	+20 7.6	1.740	2.633	11.0	19.6
1 26	5 32.80	+19 54.4	1.820	2.631	14.6	19.8

515888 2015 PH_{38} 12 22.6 219°.31 0°.8/22.5 18

11 17	6 34.60	+24 28.7	1.892	2.700	14.5	22.1
11 27	6 28.92	+24 48.0	1.804	2.694	11.1	21.8
12 7	6 20.52	+25 7.9	1.739	2.687	7.1	21.6
12 17	6 10.10	+25 25.7	1.701	2.680	2.7	21.3
12 27	5 58.82	+25 39.0	1.693	2.673	2.2	21.2
1 6	5 48.02	+25 46.9	1.714	2.665	6.7	21.5
1 16	5 38.93	+25 50.1	1.762	2.656	10.9	21.7
1 26	5 32.50	+25 50.6	1.835	2.648	14.5	21.9

491127 2011 SP_{124} 12 22.6 60°.50 3°.6/22.5 15

11 17	6 35.63	+30 49.8	1.606	2.422	16.3	22.1
11 27	6 29.95	+31 28.7	1.549	2.439	12.5	21.9
12 7	6 21.18	+32 2.2	1.513	2.457	8.4	21.7
12 17	6 10.29	+32 25.5	1.503	2.475	4.5	21.5
12 27	5 58.76	+32 35.0	1.521	2.494	4.2	21.6
1 6	5 48.19	+32 30.6	1.566	2.512	7.8	21.8
1 16	5 39.88	+32 15.3	1.638	2.531	11.6	22.1
1 26	5 34.70	+31 53.6	1.732	2.549	15.0	22.4

460552 2014 TX_{59} 12 22.6 64°.53 0°.5/22.6 18

11 17	6 30.55	+22 28.9	2.115	2.923	13.1	20.9
11 27	6 25.22	+22 19.9	2.050	2.940	9.9	20.7
12 7	6 17.80	+22 11.3	2.009	2.957	6.3	20.6
12 17	6 8.99	+22 2.5	1.995	2.975	2.3	20.3
12 27	5 59.79	+21 53.1	2.012	2.992	1.9	20.3
1 6	5 51.23	+21 43.5	2.058	3.009	5.7	20.6
1 16	5 44.18	+21 34.7	2.131	3.026	9.2	20.9
1 26	5 39.30	+21 27.7	2.230	3.044	12.2	21.1

404401 2013 GO_{56} 12 22.6 173°.71 0°.1/22.6 18

11 17	6 31.79	+22 13.2	2.320	3.121	12.4	21.8
11 27	6 26.20	+22 29.6	2.236	3.123	9.4	21.6
12 7	6 18.49	+22 47.7	2.177	3.125	6.0	21.4
12 17	6 9.29	+23 5.7	2.147	3.126	2.2	21.2
12 27	5 59.51	+23 22.2	2.147	3.127	1.7	21.2
1 6	5 50.16	+23 36.4	2.177	3.127	5.5	21.4
1 16	5 42.15	+23 48.3	2.236	3.128	9.0	21.6
1 26	5 36.22	+23 58.7	2.320	3.127	12.0	21.8

447149 2005 GG_{78} 12 22.6 180°.19 0°.5/22.5 18

11 17	6 33.72	+22 31.9	2.218	3.018	12.9	21.2
11 27	6 27.83	+23 11.0	2.133	3.019	9.8	21.0
12 7	6 19.63	+23 52.9	2.073	3.019	6.2	20.8
12 17	6 9.75	+24 34.8	2.041	3.020	2.3	20.5
12 27	5 59.16	+25 13.8	2.039	3.019	1.9	20.5
1 6	5 48.97	+25 48.1	2.069	3.019	5.8	20.7
1 16	5 40.20	+26 17.1	2.127	3.017	9.5	21.0
1 26	5 33.66	+26 41.5	2.211	3.016	12.6	21.2

487329 2014 QA_{172} 12 22.6 113°.80 2°.9/22.7 18

11 17	6 29.78	+15 2.5	2.148	2.949	13.2	21.7
11 27	6 24.67	+14 46.2	2.072	2.955	10.2	21.5
12 7	6 17.50	+14 35.6	2.020	2.961	6.9	21.3
12 17	6 8.93	+14 31.3	1.995	2.966	3.7	21.1
12 27	5 59.86	+14 33.7	1.999	2.972	3.4	21.1
1 6	5 51.28	+14 42.4	2.033	2.978	6.4	21.3
1 16	5 44.08	+14 56.9	2.095	2.983	9.7	21.5
1 26	5 38.92	+15 16.4	2.181	2.988	12.7	21.7

249570 1992 SV_{2} 12 22.6 348°.08 1°.1/22.6 18

11 17	6 31.98	+25 52.8	1.828	2.643	14.6	20.3
11 27	6 26.94	+26 5.8	1.749	2.642	11.2	20.1
12 7	6 19.24	+26 17.7	1.692	2.641	7.1	19.9
12 17	6 9.63	+26 25.9	1.662	2.641	2.8	19.6
12 27	5 59.29	+26 28.7	1.660	2.640	2.4	19.6
1 6	5 49.53	+26 25.8	1.687	2.639	6.7	19.8
1 16	5 41.54	+26 18.4	1.741	2.639	10.8	20.1
1 26	5 36.19	+26 8.8	1.819	2.639	14.3	20.3

232273 2002 QR_{103} 12 22.6 239°.20 1°.8/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.05	+29 14.7	2.461	3.261	11.8	20.9
11 27	6 25.67	+29 24.0	2.370	3.254	9.1	20.7
12 7	6 18.18	+29 29.8	2.303	3.247	5.9	20.5
12 17	6 9.20	+29 29.8	2.264	3.239	2.8	20.3
12 27	5 59.63	+29 22.6	2.255	3.232	2.4	20.3
1 6	5 50.48	+29 8.5	2.277	3.224	5.6	20.5
1 16	5 42.67	+28 48.9	2.327	3.216	8.8	20.7
1 26	5 36.92	+28 26.2	2.402	3.208	11.7	20.8

410552 2008 GG_{6} 12 22.6 268°.05 0°.2/22.6 17

11 17	6 30.98	+21 30.1	2.031	2.840	13.6	21.8
11 27	6 25.98	+21 49.5	1.942	2.832	10.4	21.6
12 7	6 18.57	+22 11.9	1.876	2.825	6.6	21.3
12 17	6 9.40	+22 35.6	1.837	2.817	2.4	21.0
12 27	5 59.46	+22 58.6	1.828	2.809	1.9	21.0
1 6	5 49.91	+23 19.7	1.849	2.801	6.2	21.3
1 16	5 41.83	+23 38.6	1.897	2.793	10.1	21.5
1 26	5 36.07	+23 55.8	1.969	2.785	13.5	21.7

73623 3477 $T\text{-}_{3}$ 12 22.6 209°.70 1°.3/22.5 18

11 17	6 30.76	+26 46.6	2.337	3.141	12.2	19.5
11 27	6 25.51	+27 5.7	2.252	3.139	9.3	19.3
12 7	6 18.11	+27 23.5	2.191	3.137	6.0	19.1
12 17	6 9.18	+27 37.6	2.158	3.135	2.5	18.8
12 27	5 59.66	+27 46.3	2.155	3.133	2.2	18.8
1 6	5 50.56	+27 49.1	2.182	3.131	5.6	19.0
1 16	5 42.83	+27 46.7	2.238	3.129	9.0	19.2
1 26	5 37.21	+27 41.1	2.318	3.127	12.0	19.4

493234 2014 UT_{84} 12 22.6 23°.82 2°.8/22.3 18

11 17	6 31.03	+29 56.1	2.181	2.986	12.9	20.7
11 27	6 25.95	+30 39.2	2.102	2.988	9.9	20.5
12 7	6 18.50	+31 19.7	2.048	2.991	6.6	20.3
12 17	6 9.35	+31 53.7	2.021	2.993	3.5	20.1
12 27	5 59.52	+32 18.3	2.024	2.996	3.4	20.1
1 6	5 50.16	+32 32.2	2.055	2.999	6.4	20.3
1 16	5 42.33	+32 36.4	2.115	3.002	9.7	20.5
1 26	5 36.83	+32 33.2	2.198	3.005	12.6	20.7

302592 2002 QZ_{13} 12 22.6 104°.34 6°.4/22.7 16

11 17	6 31.24	+ 6 50.0	1.948	2.732	15.0	21.6
11 27	6 25.80	+ 6 3.0	1.883	2.746	12.1	21.4
12 7	6 18.21	+ 5 27.9	1.842	2.759	9.1	21.2
12 17	6 9.18	+ 5 7.6	1.826	2.773	6.8	21.1
12 27	5 59.71	+ 5 3.9	1.838	2.786	6.6	21.1
1 6	5 50.84	+ 5 16.6	1.879	2.799	8.6	21.3
1 16	5 43.50	+ 5 43.7	1.945	2.812	11.4	21.5
1 26	5 38.34	+ 6 22.2	2.035	2.824	14.1	21.7

69170 4199 $P\text{–}L$ 12 22.6 11°.15 5°.2/22.6 18

11 17	6 34.81	+33 37.0	1.325	2.152	18.5	19.5
11 27	6 30.24	+34 14.0	1.258	2.153	14.5	19.3
12 7	6 21.86	+34 42.6	1.212	2.155	10.1	19.0
12 17	6 10.69	+34 56.1	1.188	2.158	6.1	18.8
12 27	5 58.49	+34 50.0	1.191	2.161	5.8	18.8
1 6	5 47.30	+34 24.6	1.218	2.164	9.5	19.0
1 16	5 38.84	+33 44.8	1.270	2.169	13.8	19.3
1 26	5 34.17	+32 57.8	1.342	2.174	17.8	19.6

269191 2008 GR_{94} 12 22.6 179°.79 3°.9/22.8 18

11 17	6 33.93	+13 46.8	1.654	2.460	16.3	20.7
11 27	6 28.46	+13 32.9	1.576	2.461	12.7	20.5
12 7	6 20.23	+13 27.8	1.521	2.461	8.7	20.3
12 17	6 10.01	+13 32.5	1.491	2.462	4.9	20.0
12 27	5 59.01	+13 47.0	1.489	2.461	4.4	20.0
1 6	5 48.60	+14 10.3	1.516	2.461	8.0	20.2
1 16	5 40.01	+14 41.0	1.568	2.460	12.1	20.5
1 26	5 34.15	+15 17.3	1.644	2.459	15.8	20.7

415242 2012 JE_{23} 12 22.6 172°.04 3°.7/22.3 17

11 17	6 28.33	+11 18.4	2.902	3.681	10.7	21.8
11 27	6 23.04	+10 36.2	2.818	3.684	8.4	21.7
12 7	6 16.25	+ 9 59.2	2.760	3.686	6.0	21.5
12 17	6 8.45	+ 9 28.9	2.731	3.688	4.1	21.4
12 27	6 0.29	+ 9 6.7	2.732	3.690	4.0	21.4
1 6	5 52.48	+ 8 53.3	2.764	3.691	5.9	21.5
1 16	5 45.65	+ 8 48.7	2.825	3.692	8.2	21.7
1 26	5 40.34	+ 8 52.2	2.911	3.692	10.5	21.8

496766 2017 BF_{24} 12 22.6 92°.99 4°.6/22.8 17

11 17	6 30.52	+11 10.4	1.922	2.720	14.7	21.7
11 27	6 25.38	+10 43.7	1.853	2.729	11.6	21.5
12 7	6 18.02	+10 26.4	1.806	2.738	8.2	21.3
12 17	6 9.14	+10 19.9	1.785	2.747	5.3	21.2
12 27	5 59.75	+10 25.1	1.792	2.756	5.0	21.2
1 6	5 50.93	+10 41.5	1.828	2.765	7.6	21.4
1 16	5 43.63	+11 7.6	1.891	2.774	10.9	21.6
1 26	5 38.57	+11 41.4	1.977	2.783	13.9	21.8

245216 2004 XG_5 12 22.6 13°.78 0°.6/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.41	+25 16.8	2.183	2.999	12.5	19.5
11 27	6 22.22	+25 17.0	2.112	3.006	9.5	19.3
12 7	6 16.00	+25 15.9	2.064	3.014	6.0	19.1
12 17	6 8.40	+25 12.5	2.043	3.023	2.2	18.9
12 27	6 0.34	+25 6.1	2.052	3.032	1.8	18.9
1 6	5 52.82	+24 56.9	2.089	3.042	5.5	19.2
1 16	5 46.69	+24 45.9	2.154	3.053	8.9	19.4
1 26	5 42.60	+24 34.7	2.244	3.065	11.9	19.6

515133 2011 FD_{91} 12 22.6 179°.84 1°.1/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.41	+26 2.5	2.009	2.810	14.0	22.9
11 27	6 30.07	+26 17.3	1.926	2.812	10.7	22.6
12 7	6 21.13	+26 30.8	1.867	2.813	6.9	22.4
12 17	6 10.32	+26 40.1	1.835	2.813	2.7	22.2
12 27	5 58.80	+26 43.3	1.834	2.813	2.3	22.1
1 6	5 47.85	+26 40.1	1.862	2.812	6.4	22.4
1 16	5 38.63	+26 32.0	1.919	2.810	10.3	22.6
1 26	5 31.98	+26 21.3	2.001	2.808	13.7	22.8

268715 2006 HT_{56} 12 22.6 140°.19 3°.6/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.70	+34 14.0	2.769	3.555	11.0	20.7
11 27	6 26.79	+35 2.2	2.692	3.563	8.6	20.5
12 7	6 18.85	+35 45.5	2.640	3.570	6.0	20.3
12 17	6 9.46	+36 20.1	2.617	3.578	4.0	20.2
12 27	5 59.50	+36 43.4	2.624	3.585	3.9	20.2
1 6	5 49.96	+36 54.5	2.662	3.592	5.9	20.4
1 16	5 41.71	+36 54.6	2.728	3.598	8.4	20.5
1 26	5 35.46	+36 46.2	2.819	3.605	10.7	20.7

486973 2014 NH_{20} 12 22.6 235°.22 4°.6/22.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.59	+11 55.1	2.158	2.950	13.5	22.0
11 27	6 25.37	+11 9.5	2.068	2.941	10.7	21.8
12 7	6 18.04	+10 29.9	2.001	2.932	7.6	21.6
12 17	6 9.19	+ 9 58.6	1.961	2.922	5.1	21.4
12 27	5 59.72	+ 9 37.7	1.951	2.912	5.0	21.4
1 6	5 50.64	+ 9 28.0	1.969	2.902	7.5	21.5
1 16	5 42.88	+ 9 29.6	2.015	2.891	10.7	21.7
1 26	5 37.17	+ 9 41.5	2.085	2.880	13.6	21.9

263061 2007 HC_{90} 12 22.6 139°.91 2°.7/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.26	+13 2.7	2.636	3.423	11.5	20.9
11 27	6 23.93	+13 9.2	2.558	3.432	8.9	20.7
12 7	6 16.91	+13 22.5	2.504	3.440	6.0	20.5
12 17	6 8.72	+13 42.4	2.479	3.448	3.4	20.4
12 27	6 0.11	+14 8.4	2.485	3.456	3.0	20.4
1 6	5 51.88	+14 39.4	2.521	3.463	5.5	20.5
1 16	5 44.74	+15 14.2	2.587	3.470	8.3	20.7
1 26	5 39.29	+15 51.6	2.678	3.477	10.8	20.9

138066 2000 DO_{47} 12 22.6 141°.19 6°.9/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.97	+ 4 31.0	1.965	2.743	15.1	20.5
11 27	6 24.97	+ 3 58.5	1.890	2.746	12.4	20.3
12 7	6 17.79	+ 3 39.9	1.838	2.749	9.5	20.1
12 17	6 9.09	+ 3 38.4	1.810	2.752	7.4	20.0
12 27	5 59.82	+ 3 55.1	1.811	2.754	7.1	20.0
1 6	5 51.03	+ 4 29.4	1.838	2.757	8.9	20.1
1 16	5 43.67	+ 5 18.4	1.892	2.759	11.7	20.3
1 26	5 38.46	+ 6 18.4	1.970	2.761	14.4	20.5

27408 2000 EJ_{125} 12 22.6 154°.28 1°.6/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.93	+27 22.3	2.319	3.116	12.5	19.5
11 27	6 27.86	+27 44.1	2.240	3.124	9.5	19.4
12 7	6 19.57	+28 4.0	2.186	3.130	6.1	19.2
12 17	6 9.73	+28 19.2	2.160	3.137	2.7	18.9
12 27	5 59.33	+28 27.9	2.165	3.142	2.3	18.9
1 6	5 49.45	+28 29.6	2.200	3.148	5.7	19.2
1 16	5 41.05	+28 25.4	2.264	3.152	9.1	19.4
1 26	5 34.86	+28 17.5	2.353	3.157	12.0	19.6

427353 2014 WS_{400} 12 22.6 179°.44 1°.5/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.05	+20 53.7	2.646	3.440	11.2	20.4
11 27	6 25.27	+20 9.9	2.558	3.441	8.5	20.2
12 7	6 17.73	+19 25.3	2.497	3.441	5.5	20.0
12 17	6 9.01	+18 40.7	2.465	3.442	2.4	19.8
12 27	5 59.92	+17 57.5	2.464	3.441	2.2	19.8
1 6	5 51.28	+17 17.2	2.495	3.441	5.3	20.0
1 16	5 43.84	+16 41.5	2.556	3.441	8.3	20.2
1 26	5 38.19	+16 11.4	2.642	3.440	11.0	20.4

318222 2004 RL_{212} 12 22.6 135°.69 1°.6/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.40	+30 18.4	2.353	3.148	12.4	20.9
11 27	6 28.07	+30 0.1	2.274	3.156	9.5	20.7
12 7	6 19.59	+29 35.6	2.220	3.163	6.2	20.5
12 17	6 9.70	+29 3.7	2.194	3.169	2.8	20.3
12 27	5 59.41	+28 24.1	2.198	3.176	2.3	20.3
1 6	5 49.77	+27 38.7	2.234	3.182	5.6	20.5
1 16	5 41.69	+26 50.3	2.299	3.188	8.9	20.7
1 26	5 35.83	+26 2.2	2.389	3.194	11.8	20.9

149041 2002 AM_{198} 12 22.6 95°.61 0°.1/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.53	+23 6.9	2.057	2.866	13.5	20.7
11 27	6 26.17	+23 7.1	1.983	2.873	10.2	20.5
12 7	6 18.55	+23 7.5	1.932	2.881	6.5	20.3
12 17	6 9.37	+23 7.1	1.909	2.888	2.4	20.1
12 27	5 59.66	+23 4.9	1.916	2.896	1.9	20.0
1 6	5 50.52	+23 1.0	1.951	2.903	5.9	20.3
1 16	5 42.94	+22 56.2	2.015	2.911	9.6	20.6
1 26	5 37.65	+22 51.9	2.103	2.918	12.8	20.8

94049 2000 YM_4 12 22.6 359°.75 0°.1/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.64	+23 13.0	2.003	2.814	13.7	20.0
11 27	6 25.66	+23 13.2	1.922	2.814	10.4	19.8
12 7	6 18.33	+23 13.7	1.865	2.814	6.6	19.6
12 17	6 9.33	+23 13.3	1.835	2.814	2.4	19.3
12 27	5 59.72	+23 11.1	1.834	2.814	1.9	19.3
1 6	5 50.63	+23 7.1	1.862	2.814	6.1	19.6
1 16	5 43.09	+23 2.2	1.917	2.814	10.0	19.8
1 26	5 37.88	+22 57.7	1.997	2.815	13.3	20.0

265050 2003 QR_{105} 12 22.6 85°.20 8°.5/25.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.87	− 7 38.3	2.541	3.245	13.9	20.4
11 27	6 24.96	− 7 54.7	2.489	3.275	12.0	20.3
12 7	6 17.43	− 7 52.2	2.460	3.304	10.2	20.2
12 17	6 8.90	− 7 28.4	2.455	3.332	8.9	20.2
12 27	6 0.11	− 6 43.0	2.477	3.361	8.6	20.2
1 6	5 51.87	− 5 38.2	2.526	3.389	9.3	20.3
1 16	5 44.84	− 4 17.8	2.603	3.416	10.7	20.4
1 26	5 39.54	− 2 46.6	2.704	3.443	12.2	20.6

294171 2007 TL_{381} 12 22.6 149°.95 5°.9/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.60	+ 7 22.7	2.149	2.928	14.0	21.6
11 27	6 25.97	+ 6 35.5	2.076	2.936	11.3	21.4
12 7	6 18.32	+ 5 58.3	2.026	2.943	8.5	21.3
12 17	6 9.29	+ 5 34.0	2.003	2.950	6.3	21.1
12 27	5 59.79	+ 5 24.4	2.008	2.956	6.2	21.1
1 6	5 50.79	+ 5 29.6	2.043	2.962	8.1	21.3
1 16	5 43.17	+ 5 48.4	2.104	2.968	10.8	21.5
1 26	5 37.59	+ 6 18.5	2.189	2.973	13.4	21.6

211656 2003 UT_{254} 12 22.6 14°.04 2°.8/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.27	+27 42.1	1.317	2.153	18.0	20.5
11 27	6 27.33	+28 19.4	1.253	2.157	13.8	20.3
12 7	6 19.95	+28 55.2	1.210	2.162	9.0	20.0
12 17	6 10.03	+29 24.3	1.191	2.168	4.2	19.7
12 27	5 59.19	+29 42.6	1.197	2.175	3.8	19.7
1 6	5 49.23	+29 48.9	1.229	2.182	8.4	20.0
1 16	5 41.70	+29 45.3	1.285	2.191	13.1	20.3
1 26	5 37.62	+29 35.4	1.363	2.201	17.2	20.6

117659 2005 EB_{189} 12 22.6 307°.91 1°.5/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.80	+29 42.6	2.222	3.025	12.8	19.3
11 27	6 26.39	+29 22.4	2.131	3.018	9.8	19.1
12 7	6 18.72	+28 56.2	2.064	3.010	6.4	18.9
12 17	6 9.46	+28 22.5	2.025	3.002	2.8	18.6
12 27	5 59.64	+27 41.3	2.016	2.995	2.3	18.6
1 6	5 50.37	+26 54.3	2.037	2.988	5.9	18.8
1 16	5 42.63	+26 4.3	2.086	2.980	9.4	19.0
1 26	5 37.15	+25 14.9	2.161	2.973	12.6	19.2

491475 2012 HL_{17} 12 22.6 150°.81 3°.5/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.45	+ 9 57.8	3.091	3.865	10.2	22.6
11 27	6 22.31	+ 9 39.2	3.012	3.874	8.1	22.5
12 7	6 15.78	+ 9 27.2	2.958	3.882	5.8	22.4
12 17	6 8.33	+ 9 22.5	2.934	3.890	3.9	22.2
12 27	6 0.55	+ 9 25.8	2.940	3.898	3.7	22.2
1 6	5 53.09	+ 9 36.8	2.976	3.905	5.4	22.4
1 16	5 46.55	+ 9 54.7	3.042	3.912	7.6	22.5
1 26	5 41.41	+10 18.4	3.134	3.918	9.7	22.7

421782 2014 QK_{22} 12 22.6 154°.47 1°.7/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.76	+19 3.0	2.259	3.060	12.6	21.8
11 27	6 25.38	+18 44.6	2.179	3.064	9.7	21.7
12 7	6 17.98	+18 28.3	2.123	3.068	6.3	21.5
12 17	6 9.18	+18 14.5	2.094	3.071	2.8	21.2
12 27	5 59.89	+18 3.4	2.096	3.074	2.4	21.2
1 6	5 51.08	+17 55.3	2.128	3.077	5.8	21.4
1 16	5 43.64	+17 50.7	2.189	3.079	9.2	21.7
1 26	5 38.22	+17 50.1	2.274	3.081	12.2	21.9

363306 2002 NR_{21} 12 22.6 155°.49 1°.7/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.73	+30 50.1	2.960	3.746	10.3	21.0
11 27	6 26.45	+30 41.4	2.877	3.753	7.9	20.8
12 7	6 18.44	+30 27.6	2.820	3.760	5.2	20.7
12 17	6 9.30	+30 7.3	2.793	3.767	2.5	20.5
12 27	5 59.82	+29 40.2	2.797	3.773	2.1	20.5
1 6	5 50.83	+29 7.2	2.833	3.779	4.7	20.7
1 16	5 43.07	+28 30.2	2.899	3.784	7.4	20.8
1 26	5 37.11	+27 51.8	2.992	3.789	9.9	21.0

129008 2004 TV_{296} 12 22.6 272°.74 1°.6/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.37	+19 10.7	2.233	3.038	12.7	20.6
11 27	6 24.50	+18 57.2	2.140	3.027	9.7	20.4
12 7	6 17.54	+18 46.2	2.071	3.017	6.3	20.2
12 17	6 9.06	+18 37.6	2.029	3.006	2.8	19.9
12 27	5 59.96	+18 31.5	2.017	2.995	2.4	19.9
1 6	5 51.22	+18 28.0	2.035	2.985	5.9	20.1
1 16	5 43.78	+18 27.6	2.081	2.974	9.5	20.3
1 26	5 38.38	+18 30.6	2.152	2.963	12.7	20.5

440144 2003 UT_{155} 12 22.6 12°.65 1°.0/22.5 18

11 17	6 31.79	+23 41.0	1.468	2.297	16.9	20.7
11 27	6 27.39	+24 14.6	1.398	2.298	12.9	20.5
12 7	6 19.84	+24 50.9	1.348	2.301	8.2	20.2
12 17	6 10.00	+25 26.3	1.324	2.304	3.1	19.9
12 27	5 59.24	+25 57.2	1.327	2.307	2.6	19.9
1 6	5 49.18	+26 21.5	1.357	2.311	7.7	20.2
1 16	5 41.24	+26 39.2	1.412	2.316	12.3	20.5
1 26	5 36.43	+26 52.2	1.489	2.321	16.3	20.8

280511 2004 PV_{23} 12 22.6 61°.99 1°.1/22.6 18

11 17	6 36.39	+25 28.2	1.417	2.240	17.7	20.5
11 27	6 30.60	+25 42.4	1.365	2.263	13.4	20.3
12 7	6 21.63	+25 55.4	1.335	2.285	8.5	20.1
12 17	6 10.54	+26 4.0	1.329	2.308	3.2	19.9
12 27	5 58.91	+26 6.0	1.351	2.331	2.6	19.9
1 6	5 48.40	+26 1.7	1.400	2.354	7.6	20.2
1 16	5 40.30	+25 53.1	1.475	2.377	12.1	20.6
1 26	5 35.43	+25 43.1	1.572	2.400	15.8	20.8

183073 2002 RJ_{28} 12 22.6 70°.59 5°.0/22.3 18

11 17	6 39.62	+31 48.9	1.382	2.201	18.3	19.6
11 27	6 33.57	+32 57.2	1.330	2.220	14.2	19.4
12 7	6 23.81	+33 59.7	1.298	2.240	9.7	19.2
12 17	6 11.42	+34 48.5	1.292	2.260	5.8	19.0
12 27	5 58.20	+35 17.5	1.312	2.280	5.6	19.0
1 6	5 46.13	+35 25.9	1.359	2.300	9.2	19.3
1 16	5 36.82	+35 17.2	1.430	2.320	13.2	19.6
1 26	5 31.26	+34 57.9	1.523	2.340	16.8	19.9

475961 2007 HV_{16} 12 22.6 236°.26 5°.2/22.4 18

11 17	6 37.39	+34 26.4	1.643	2.451	16.3	21.6
11 27	6 31.77	+35 13.5	1.565	2.448	12.9	21.4
12 7	6 22.72	+35 53.6	1.508	2.444	9.1	21.1
12 17	6 11.08	+36 20.1	1.476	2.441	5.9	20.9
12 27	5 58.38	+36 27.9	1.472	2.438	5.7	20.9
1 6	5 46.41	+36 16.2	1.495	2.434	8.8	21.1
1 16	5 36.74	+35 48.5	1.544	2.430	12.7	21.3
1 26	5 30.49	+35 10.9	1.615	2.426	16.2	21.5

320041 2007 DP_{112} 12 22.6 142°.67 3°.1/22.7 18

11 17	6 28.86	+12 32.4	2.755	3.539	11.1	21.7
11 27	6 23.54	+12 15.2	2.678	3.549	8.6	21.6
12 7	6 16.63	+12 4.0	2.626	3.558	6.0	21.4
12 17	6 8.67	+11 59.2	2.603	3.568	3.7	21.3
12 27	6 0.34	+12 1.4	2.610	3.576	3.4	21.3
1 6	5 52.40	+12 10.3	2.648	3.585	5.6	21.4
1 16	5 45.51	+12 25.4	2.715	3.593	8.2	21.6
1 26	5 40.23	+12 45.6	2.807	3.600	10.5	21.8

456160 2006 GJ_{7} 12 22.6 10°.59 6°.9/23.1 17

11 17	6 26.98	+ 5 8.9	1.874	2.664	15.3	20.7
11 27	6 22.85	+ 4 34.1	1.802	2.665	12.5	20.6
12 7	6 16.54	+ 4 13.5	1.752	2.668	9.6	20.4
12 17	6 8.71	+ 4 10.0	1.726	2.671	7.4	20.3
12 27	6 0.31	+ 4 25.2	1.728	2.674	7.1	20.2
1 6	5 52.41	+ 4 58.2	1.756	2.678	9.0	20.4
1 16	5 45.94	+ 5 46.3	1.809	2.683	11.8	20.5
1 26	5 41.62	+ 6 45.5	1.886	2.688	14.6	20.7

458676 2011 HL_{18} 12 22.6 343°.58 1°.4/22.4 18

11 17	6 29.20	+24 20.2	1.841	2.660	14.4	20.9
11 27	6 25.01	+25 6.5	1.756	2.652	11.0	20.6
12 7	6 18.19	+25 55.6	1.694	2.644	7.0	20.4
12 17	6 9.40	+26 44.1	1.659	2.637	2.8	20.1
12 27	5 59.72	+27 28.3	1.652	2.631	2.5	20.1
1 6	5 50.44	+28 5.4	1.674	2.625	6.7	20.3
1 16	5 42.77	+28 35.0	1.722	2.620	10.8	20.6
1 26	5 37.66	+28 57.9	1.794	2.616	14.3	20.8

453762 2011 EY_{15} 12 22.6 271°.61 6°.8/22.8 18

11 17	6 27.40	+ 2 5.3	2.483	3.243	12.8	21.6
11 27	6 22.80	+ 1 31.1	2.385	3.225	10.7	21.4
12 7	6 16.38	+ 1 9.1	2.310	3.206	8.6	21.2
12 17	6 8.65	+ 1 2.2	2.261	3.188	7.1	21.1
12 27	6 0.33	+ 1 12.4	2.240	3.169	6.9	21.1
1 6	5 52.23	+ 1 39.5	2.247	3.150	8.4	21.1
1 16	5 45.16	+ 2 22.0	2.281	3.131	10.6	21.2
1 26	5 39.78	+ 3 16.9	2.339	3.112	13.0	21.4

78243 2002 PV 12 22.6 85°.70 9°.1/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.83	− 3 40.7	2.379	3.115	13.9	19.3
11 27	6 22.96	− 5 1.6	2.316	3.125	12.1	19.2
12 7	6 16.35	− 6 7.0	2.276	3.135	10.4	19.1
12 17	6 8.59	− 6 52.5	2.260	3.144	9.3	19.1
12 27	6 0.44	− 7 15.0	2.271	3.154	9.3	19.1
1 6	5 52.73	− 7 14.1	2.307	3.164	10.3	19.2
1 16	5 46.19	− 6 51.9	2.368	3.174	11.8	19.3
1 26	5 41.40	− 6 11.9	2.451	3.183	13.5	19.4

222396 2001 EV_{23} 12 22.6 301°.43 0°.3/22.6 18

11 17	6 29.82	+22 39.0	2.014	2.827	13.6	20.9
11 27	6 25.29	+22 39.4	1.911	2.803	10.4	20.6
12 7	6 18.31	+22 40.7	1.830	2.780	6.7	20.3
12 17	6 9.45	+22 41.9	1.777	2.756	2.5	20.0
12 27	5 59.69	+22 41.8	1.752	2.733	2.0	19.9
1 6	5 50.23	+22 40.4	1.757	2.709	6.4	20.2
1 16	5 42.19	+22 38.1	1.788	2.686	10.5	20.4
1 26	5 36.48	+22 36.3	1.844	2.663	14.1	20.6

354475 2004 CE_{103} 12 22.6 211°.19 3°.7/22.8 18

11 17	6 36.60	+36 10.7	2.687	3.464	11.5	21.6
11 27	6 29.85	+36 24.7	2.591	3.456	9.1	21.4
12 7	6 20.86	+36 31.0	2.519	3.447	6.5	21.2
12 17	6 10.28	+36 26.0	2.477	3.437	4.2	21.0
12 27	5 59.10	+36 8.1	2.464	3.427	3.9	21.0
1 6	5 48.40	+35 37.4	2.483	3.416	6.1	21.1
1 16	5 39.15	+34 56.6	2.531	3.405	8.8	21.3
1 26	5 32.12	+34 9.6	2.605	3.392	11.4	21.4

451590 2012 BC_{67} 12 22.6 256°.61 3°.8/22.8 17

11 17	6 29.71	+12 9.9	2.105	2.901	13.6	21.6
11 27	6 24.85	+11 58.8	2.015	2.892	10.7	21.4
12 7	6 17.82	+11 56.2	1.948	2.883	7.5	21.2
12 17	6 9.21	+12 2.8	1.908	2.874	4.5	21.0
12 27	5 59.93	+12 19.1	1.897	2.865	4.2	21.0
1 6	5 51.00	+12 44.3	1.915	2.856	7.0	21.1
1 16	5 43.38	+13 17.0	1.960	2.846	10.4	21.3
1 26	5 37.85	+13 55.5	2.030	2.837	13.5	21.5

213137 2000 FQ_{33} 12 22.6 312°.20 5°.6/21.7 17

11 17	6 34.42	+33 0.4	1.669	2.482	15.9	19.6
11 27	6 29.72	+34 22.1	1.582	2.469	12.6	19.3
12 7	6 21.62	+35 41.7	1.518	2.456	9.0	19.1
12 17	6 10.79	+36 51.5	1.480	2.444	6.0	18.9
12 27	5 58.60	+37 44.1	1.469	2.431	6.2	18.8
1 6	5 46.79	+38 15.8	1.486	2.420	9.3	19.0
1 16	5 37.03	+38 27.5	1.527	2.408	13.1	19.2
1 26	5 30.61	+38 23.8	1.590	2.397	16.6	19.4

99828 2002 NS_{9} 12 22.6 216°.39 1°.4/22.6 18

11 17	6 32.81	+19 37.4	2.169	2.970	13.1	20.5
11 27	6 27.17	+19 29.7	2.077	2.963	10.1	20.3
12 7	6 19.27	+19 24.4	2.009	2.955	6.5	20.1
12 17	6 9.74	+19 21.1	1.969	2.946	2.7	19.8
12 27	5 59.53	+19 19.4	1.959	2.938	2.3	19.8
1 6	5 49.72	+19 19.3	1.979	2.928	6.1	20.0
1 16	5 41.31	+19 21.3	2.027	2.918	9.8	20.2
1 26	5 35.10	+19 25.7	2.101	2.908	13.1	20.4

360859 2005 QU_{130} 12 22.6 202°.55 0°.7/22.7 18

11 17	6 31.39	+20 38.5	2.159	2.964	13.1	21.5
11 27	6 26.11	+20 49.5	2.074	2.962	10.0	21.3
12 7	6 18.60	+21 3.4	2.012	2.960	6.4	21.1
12 17	6 9.49	+21 18.8	1.978	2.957	2.4	20.8
12 27	5 59.74	+21 34.6	1.974	2.955	1.9	20.8
1 6	5 50.41	+21 49.8	2.000	2.952	5.9	21.0
1 16	5 42.48	+22 4.2	2.055	2.949	9.6	21.2
1 26	5 36.73	+22 18.4	2.134	2.945	12.8	21.4

55080 2001 QM_{104} 12 22.6 52°.07 5°.9/22.9 18

11 17	6 30.10	+ 9 10.7	1.705	2.506	16.1	18.1
11 27	6 25.28	+ 8 33.7	1.645	2.521	12.8	17.9
12 7	6 18.07	+ 8 8.6	1.606	2.535	9.3	17.8
12 17	6 9.28	+ 7 58.0	1.593	2.550	6.5	17.6
12 27	5 59.99	+ 8 3.1	1.606	2.565	6.2	17.7
1 6	5 51.38	+ 8 23.1	1.647	2.580	8.6	17.8
1 16	5 44.46	+ 8 55.9	1.713	2.596	11.8	18.1
1 26	5 39.95	+ 9 38.3	1.803	2.611	14.9	18.3

516506 2006 AC_{108} 12 22.6 225°.65 0°.0/22.6 18

11 17	6 34.31	+23 25.7	1.911	2.719	14.4	22.0
11 27	6 28.69	+23 26.0	1.822	2.711	11.0	21.8
12 7	6 20.42	+23 26.4	1.755	2.703	7.0	21.5
12 17	6 10.22	+23 25.3	1.716	2.695	2.6	21.2
12 27	5 59.20	+23 21.5	1.706	2.686	2.0	21.1
1 6	5 48.68	+23 15.2	1.725	2.677	6.6	21.4
1 16	5 39.83	+23 7.3	1.772	2.667	10.8	21.7
1 26	5 33.55	+22 59.8	1.843	2.657	14.4	21.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
103573 2000 BE_{51}			12 22.6 142°.64		0°.3/22.6 17	
	h m	° ′			°	m
11 17	6 30.32	+24 16.5	2.638	3.436	11.1	20.8
11 27	6 24.86	+24 22.0	2.558	3.443	8.4	20.6
12 7	6 17.59	+24 27.0	2.504	3.451	5.3	20.4
12 17	6 9.08	+24 30.3	2.478	3.457	2.0	20.2
12 27	6 0.14	+24 31.1	2.484	3.464	1.6	20.2
1 6	5 51.64	+24 29.2	2.520	3.470	4.9	20.4
1 16	5 44.33	+24 25.3	2.585	3.476	8.0	20.6
1 26	5 38.85	+24 20.6	2.676	3.481	10.6	20.8
307895 2004 CJ_{24}			12 22.6 345°.29		1°.8/22.9 17	
11 17	6 34.86	+30 37.5	1.637	2.453	16.0	19.5
11 27	6 29.44	+30 5.7	1.557	2.449	12.4	19.2
12 7	6 20.99	+29 24.8	1.498	2.446	8.1	19.0
12 17	6 10.41	+28 32.8	1.465	2.443	3.5	18.7
12 27	5 59.14	+27 30.4	1.461	2.440	2.8	18.7
1 6	5 48.72	+26 21.0	1.485	2.438	7.3	18.9
1 16	5 40.46	+25 10.0	1.535	2.436	11.7	19.2
1 26	5 35.23	+24 2.8	1.609	2.435	15.6	19.4
358268 2006 TW_{106}			12 22.6 92°.07		2°.7/22.4 18	
11 17	6 33.78	+28 46.3	1.898	2.708	14.4	20.8
11 27	6 28.36	+29 26.1	1.823	2.711	11.1	20.6
12 7	6 20.24	+30 3.8	1.770	2.715	7.3	20.3
12 17	6 10.15	+30 35.1	1.745	2.719	3.6	20.1
12 27	5 59.30	+30 56.7	1.748	2.723	3.4	20.1
1 6	5 49.04	+31 7.4	1.780	2.727	6.9	20.3
1 16	5 40.56	+31 8.4	1.839	2.730	10.7	20.6
1 26	5 34.77	+31 2.8	1.922	2.734	13.9	20.8
97665 2000 FL_{32}			12 22.6 236°.22		0°.3/22.6 18	
11 17	6 29.26	+22 4.2	2.526	3.328	11.5	19.6
11 27	6 24.24	+22 11.7	2.435	3.322	8.7	19.4
12 7	6 17.31	+22 20.6	2.368	3.315	5.5	19.2
12 17	6 9.03	+22 29.7	2.330	3.309	2.1	19.0
12 27	6 0.18	+22 38.0	2.322	3.303	1.6	18.9
1 6	5 51.68	+22 45.2	2.345	3.296	5.2	19.2
1 16	5 44.34	+22 51.3	2.396	3.289	8.4	19.4
1 26	5 38.85	+22 57.1	2.473	3.282	11.3	19.5
416345 2003 SD_{307}			12 22.6 105°.61		6°.1/23.5 17	
11 17	6 40.61	+45 42.5	2.710	3.457	12.1	21.2
11 27	6 32.81	+46 7.5	2.649	3.480	10.1	21.1
12 7	6 22.61	+46 19.1	2.611	3.502	8.0	21.0
12 17	6 10.88	+46 13.1	2.601	3.524	6.5	20.9
12 27	5 58.84	+45 47.4	2.619	3.545	6.2	20.9
1 6	5 47.69	+45 3.5	2.666	3.566	7.4	21.0
1 16	5 38.45	+44 5.3	2.742	3.586	9.2	21.2
1 26	5 31.76	+42 58.3	2.843	3.606	11.2	21.3
517372 2014 KV_{43}			12 22.6 80°.76		8°.5/22.7 18	
11 17	6 30.37	+ 2 36.0	1.848	2.623	16.0	21.3
11 27	6 25.32	+ 1 27.9	1.786	2.634	13.3	21.1
12 7	6 18.05	+ 0 35.0	1.745	2.646	10.7	21.0
12 17	6 9.28	+ 0 1.8	1.730	2.657	8.8	20.9
12 27	6 0.04	− 0 8.8	1.741	2.668	8.7	20.9
1 6	5 51.40	+ 0 3.2	1.778	2.680	10.3	21.0
1 16	5 44.31	+ 0 35.2	1.840	2.691	12.7	21.2
1 26	5 39.46	+ 1 23.0	1.924	2.702	15.2	21.4
474201 2000 HV_{27}			12 22.6 306°.51		12°.2/18.8 18	
11 17	6 32.04	+ 4 44.8	1.398	2.198	19.1	19.7
11 27	6 27.73	+ 2 3.9	1.308	2.172	16.3	19.4
12 7	6 20.26	− 0 32.1	1.241	2.146	13.7	19.2
12 17	6 10.30	− 2 51.7	1.197	2.120	12.3	19.1
12 27	5 59.13	− 4 42.9	1.178	2.095	13.0	19.0
1 6	5 48.30	− 5 57.5	1.183	2.070	15.6	19.1
1 16	5 39.33	− 6 33.0	1.209	2.046	18.9	19.2
1 26	5 33.39	− 6 33.0	1.252	2.022	22.3	19.4
486936 2014 MF_{36}			12 22.6 79°.79		3°.1/22.9 18	
11 17	6 30.68	+13 32.5	2.017	2.816	14.0	21.4
11 27	6 25.50	+13 36.6	1.948	2.829	10.9	21.2
12 7	6 18.16	+13 48.9	1.902	2.841	7.3	21.0
12 17	6 9.34	+14 9.6	1.883	2.854	4.0	20.8
12 27	6 0.02	+14 37.7	1.894	2.866	3.5	20.8
1 6	5 51.23	+15 11.7	1.933	2.879	6.5	21.0
1 16	5 43.92	+15 49.9	2.001	2.891	10.0	21.3
1 26	5 38.77	+16 30.7	2.093	2.904	13.0	21.5
3499 Hoppe			12 22.6 92°.46		0°.8/22.7 18	
11 17	6 30.32	+20 35.3	2.370	3.172	12.1	17.7
11 27	6 24.94	+20 35.8	2.301	3.187	9.2	17.5
12 7	6 17.67	+20 38.3	2.256	3.203	5.8	17.4
12 17	6 9.13	+20 41.9	2.240	3.218	2.3	17.1
12 27	6 0.19	+20 46.1	2.254	3.234	1.8	17.1
1 6	5 51.78	+20 50.7	2.298	3.249	5.3	17.4
1 16	5 44.68	+20 55.8	2.371	3.264	8.5	17.6
1 26	5 39.51	+21 1.8	2.469	3.278	11.3	17.8

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
115461 2003 TO_{15}			12 22.6 10°.70		7°.6/21.0 17	
	h m	° ′			°	m
11 17	6 33.33	+35 35.1	1.541	2.358	16.8	18.5
11 27	6 29.13	+37 37.9	1.479	2.363	13.5	18.3
12 7	6 21.34	+39 35.7	1.438	2.368	10.1	18.1
12 17	6 10.73	+41 18.2	1.424	2.375	7.8	18.0
12 27	5 58.84	+42 36.1	1.435	2.384	8.1	18.0
1 6	5 47.57	+43 25.6	1.473	2.393	10.6	18.2
1 16	5 38.66	+43 48.3	1.535	2.404	13.8	18.4
1 26	5 33.34	+43 50.3	1.618	2.415	16.8	18.7
228968 2003 UW_{170}			12 22.6 356°.55		3°.1/22.5 18	
11 17	6 28.72	+15 59.6	2.132	2.936	13.2	20.2
11 27	6 23.99	+15 23.4	2.051	2.935	10.2	20.0
12 7	6 17.21	+14 51.2	1.993	2.935	6.9	19.7
12 17	6 9.01	+14 24.2	1.963	2.934	3.8	19.6
12 27	6 0.28	+14 3.8	1.962	2.934	3.6	19.5
1 6	5 52.03	+13 50.7	1.990	2.934	6.6	19.7
1 16	5 45.13	+13 45.4	2.046	2.934	9.9	19.9
1 26	5 40.27	+13 47.4	2.126	2.934	12.9	20.1
315586 2008 CQ_{88}			12 22.6 51°.11		1°.5/22.8 18	
11 17	6 31.20	+18 6.8	1.813	2.625	14.9	20.8
11 27	6 26.26	+18 20.4	1.739	2.630	11.4	20.6
12 7	6 18.83	+18 39.9	1.689	2.636	7.3	20.4
12 17	6 9.64	+19 4.2	1.665	2.642	3.1	20.1
12 27	5 59.79	+19 31.5	1.669	2.648	2.5	20.1
1 6	5 50.50	+20 0.2	1.703	2.655	6.6	20.4
1 16	5 42.86	+20 29.5	1.763	2.661	10.6	20.6
1 26	5 37.69	+20 58.7	1.847	2.668	14.1	20.9
511956 2015 KG_{3}			12 22.6 317°.01		3°.3/22.5 18	
11 17	6 30.81	+18 58.1	1.189	2.029	19.3	20.8
11 27	6 27.39	+18 18.8	1.105	2.011	15.1	20.5
12 7	6 20.33	+17 42.1	1.041	1.994	10.0	20.1
12 17	6 10.40	+17 9.6	1.000	1.977	4.8	19.8
12 27	5 59.13	+16 43.4	0.983	1.961	4.4	19.7
1 6	5 48.44	+16 25.5	0.991	1.945	9.8	20.0
1 16	5 40.09	+16 17.5	1.021	1.930	15.4	20.2
1 26	5 35.38	+16 20.0	1.071	1.917	20.3	20.5
108834 2001 OU_{84}			12 22.6 122°.60		5°.4/22.7 18	
11 17	6 31.41	+ 8 26.5	2.155	2.936	13.8	20.8
11 27	6 25.82	+ 7 44.9	2.087	2.950	11.1	20.6
12 7	6 18.25	+ 7 12.9	2.042	2.963	8.2	20.5
12 17	6 9.36	+ 6 52.9	2.024	2.976	5.9	20.4
12 27	6 0.05	+ 6 46.4	2.035	2.988	5.7	20.4
1 6	5 51.28	+ 6 53.3	2.075	3.000	7.7	20.5
1 16	5 43.90	+ 7 12.3	2.143	3.011	10.4	20.7
1 26	5 38.53	+ 7 41.4	2.234	3.022	13.0	20.9
256630 2007 VL_{234}			12 22.6 119°.38		0°.6/22.6 17	
11 17	6 39.71	+24 3.1	1.580	2.390	16.8	21.5
11 27	6 32.98	+24 19.1	1.517	2.407	12.8	21.3
12 7	6 23.16	+24 35.4	1.476	2.425	8.1	21.0
12 17	6 11.23	+24 48.9	1.462	2.441	3.0	20.8
12 27	5 58.64	+24 57.2	1.477	2.457	2.4	20.8
1 6	5 47.00	+24 59.9	1.520	2.472	7.3	21.1
1 16	5 37.62	+24 58.5	1.590	2.486	11.7	21.4
1 26	5 31.38	+24 55.5	1.683	2.500	15.4	21.7
486841 2014 JN_{49}			12 22.6 150°.43		0°.4/22.6 18	
11 17	6 34.27	+22 13.8	2.227	3.025	12.9	21.2
11 27	6 28.24	+22 51.4	2.148	3.033	9.8	21.0
12 7	6 19.95	+23 31.6	2.094	3.040	6.2	20.8
12 17	6 10.05	+24 11.8	2.068	3.047	2.3	20.6
12 27	5 59.50	+24 49.3	2.073	3.053	1.8	20.5
1 6	5 49.42	+25 22.2	2.109	3.059	5.7	20.8
1 16	5 40.77	+25 50.2	2.174	3.064	9.3	21.0
1 26	5 34.35	+26 13.9	2.264	3.069	12.3	21.2
139663 2001 QX_{187}			12 22.6 38°.41		0°.6/22.6 17	
11 17	6 33.21	+24 30.9	1.682	2.500	15.6	19.5
11 27	6 27.85	+23 50.0	1.612	2.508	11.9	19.3
12 7	6 19.82	+23 5.9	1.566	2.516	7.5	19.0
12 17	6 9.98	+22 19.0	1.545	2.524	2.8	18.7
12 27	5 59.62	+21 30.7	1.553	2.533	2.3	18.7
1 6	5 50.09	+20 43.6	1.589	2.543	6.9	19.0
1 16	5 42.51	+20 0.8	1.653	2.552	11.1	19.3
1 26	5 37.65	+19 24.7	1.739	2.562	14.7	19.6
193630 2001 CY_{34}			12 22.6 306°.44		0°.0/22.6 18	
11 17	6 32.85	+19 51.1	1.632	2.449	16.0	19.5
11 27	6 28.14	+20 42.1	1.544	2.439	12.3	19.2
12 7	6 20.42	+21 41.6	1.479	2.429	7.9	18.9
12 17	6 10.37	+22 46.1	1.440	2.420	2.9	18.6
12 27	5 59.19	+23 51.2	1.430	2.410	2.3	18.5
1 6	5 48.37	+24 52.6	1.448	2.401	7.4	18.8
1 16	5 39.34	+25 47.8	1.492	2.392	12.1	19.1
1 26	5 33.22	+26 36.4	1.559	2.383	16.1	19.3

357677 2005 LS_1 12 22.6 235°.88 6°.4/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.48	+ 8 23.4	1.951	2.741	14.8	20.5
11 27	6 25.48	+ 7 19.7	1.870	2.737	12.0	20.3
12 7	6 18.24	+ 6 25.0	1.813	2.734	9.0	20.1
12 17	6 9.42	+ 5 43.0	1.781	2.730	6.8	19.9
12 27	6 0.00	+ 5 16.7	1.778	2.727	6.7	19.9
1 6	5 51.05	+ 5 7.4	1.802	2.723	8.9	20.1
1 16	5 43.54	+ 5 14.5	1.852	2.719	11.9	20.2
1 26	5 38.23	+ 5 35.7	1.925	2.715	14.8	20.4

362832 2012 AC_{19} 12 22.6 352°.34 3°.7/23.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.23	+12 46.9	1.689	2.500	15.8	20.1
11 27	6 24.98	+12 51.9	1.610	2.497	12.4	19.9
12 7	6 18.15	+13 8.2	1.553	2.495	8.5	19.6
12 17	6 9.45	+13 35.9	1.522	2.493	4.7	19.4
12 27	5 59.97	+14 14.1	1.518	2.491	4.2	19.4
1 6	5 50.97	+15 0.6	1.542	2.490	7.6	19.6
1 16	5 43.61	+15 52.9	1.592	2.489	11.6	19.8
1 26	5 38.77	+16 48.1	1.665	2.489	15.2	20.0

60682 2000 GU_{31} 12 22.6 102°.07 0°.6/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.68	+21 10.6	2.545	3.344	11.4	19.9
11 27	6 24.38	+21 12.2	2.472	3.358	8.7	19.7
12 7	6 17.29	+21 15.3	2.425	3.372	5.5	19.5
12 17	6 9.02	+21 19.1	2.406	3.385	2.1	19.3
12 27	6 0.35	+21 22.9	2.418	3.398	1.6	19.3
1 6	5 52.15	+21 26.5	2.461	3.411	5.0	19.5
1 16	5 45.17	+21 30.2	2.532	3.424	8.1	19.8
1 26	5 40.00	+21 34.5	2.629	3.437	10.8	20.0

129060 Huntskretsch 12 22.6 6°.01 0°.8/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.80	+20 57.1	1.726	2.548	15.0	19.5
11 27	6 24.63	+21 2.6	1.651	2.549	11.5	19.2
12 7	6 17.90	+21 11.3	1.599	2.550	7.3	19.0
12 17	6 9.34	+21 21.9	1.573	2.552	2.8	18.7
12 27	6 0.08	+21 33.3	1.574	2.554	2.2	18.7
1 6	5 51.40	+21 44.7	1.603	2.558	6.7	19.0
1 16	5 44.42	+21 56.1	1.659	2.562	10.9	19.2
1 26	5 39.98	+22 7.9	1.738	2.566	14.5	19.5

142546 2002 TS_{52} 12 22.6 37°.81 6°.9/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.66	+ 9 36.2	1.664	2.468	16.4	19.0
11 27	6 25.81	+ 8 14.0	1.599	2.475	13.1	18.9
12 7	6 18.49	+ 7 1.1	1.556	2.482	9.8	18.7
12 17	6 9.50	+ 6 2.3	1.538	2.490	7.3	18.5
12 27	5 59.98	+ 5 21.7	1.547	2.498	7.3	18.6
1 6	5 51.15	+ 5 0.8	1.583	2.507	9.7	18.7
1 16	5 44.04	+ 4 59.1	1.644	2.515	12.9	18.9
1 26	5 39.41	+ 5 13.9	1.726	2.524	15.9	19.2

153450 2001 QN_{279} 12 22.6 164°.88 1°.9/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.65	+26 16.2	1.769	2.578	15.3	20.4
11 27	6 30.71	+26 54.4	1.692	2.581	11.7	20.2
12 7	6 21.84	+27 32.6	1.637	2.584	7.6	20.0
12 17	6 10.82	+28 6.5	1.609	2.587	3.3	19.7
12 27	5 58.92	+28 32.5	1.611	2.589	2.9	19.7
1 6	5 47.64	+28 49.0	1.641	2.591	7.1	20.0
1 16	5 38.30	+28 57.0	1.699	2.592	11.3	20.2
1 26	5 31.85	+28 59.0	1.780	2.593	14.8	20.4

196390 2003 GZ_{12} 12 22.6 298°.20 4°.0/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.19	+15 29.1	1.500	2.321	17.0	20.0
11 27	6 27.02	+14 59.9	1.406	2.300	13.4	19.7
12 7	6 19.78	+14 37.1	1.333	2.279	9.1	19.4
12 17	6 10.16	+14 22.4	1.285	2.258	5.0	19.1
12 27	5 59.37	+14 17.3	1.263	2.237	4.7	19.1
1 6	5 48.95	+14 22.3	1.268	2.217	8.9	19.2
1 16	5 40.36	+14 37.2	1.298	2.196	13.6	19.5
1 26	5 34.73	+15 1.0	1.349	2.176	17.9	19.7

302698 2002 TZ_{121} 12 22.6 58°.77 1°.2/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.17	+21 54.6	1.586	2.403	16.4	20.5
11 27	6 29.20	+21 28.1	1.536	2.430	12.4	20.3
12 7	6 20.55	+21 2.3	1.508	2.458	7.8	20.1
12 17	6 10.21	+20 37.3	1.507	2.485	3.0	19.9
12 27	5 59.53	+20 13.6	1.533	2.513	2.5	19.9
1 6	5 49.88	+19 52.4	1.588	2.541	7.0	20.2
1 16	5 42.33	+19 35.3	1.670	2.568	11.1	20.6
1 26	5 37.56	+19 23.2	1.775	2.596	14.5	20.8

15624 Lamberton 12 22.6 248°.28 1°.3/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.88	+25 50.1	1.617	2.435	16.1	18.6
11 27	6 29.63	+26 5.4	1.536	2.430	12.4	18.4
12 7	6 21.29	+26 19.9	1.476	2.426	8.0	18.1
12 17	6 10.65	+26 30.4	1.443	2.421	3.2	17.8
12 27	5 59.07	+26 34.5	1.437	2.416	2.6	17.8
1 6	5 48.11	+26 31.6	1.459	2.412	7.4	18.1
1 16	5 39.18	+26 23.4	1.507	2.407	12.0	18.3
1 26	5 33.30	+26 12.6	1.578	2.402	15.9	18.6

228253 1999 CT_{136} 12 22.6 296°.23 1°.4/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.14	+19 41.6	1.510	2.334	16.8	21.1
11 27	6 27.76	+19 42.5	1.421	2.318	13.0	20.8
12 7	6 20.26	+19 48.2	1.352	2.303	8.4	20.5
12 17	6 10.34	+19 57.9	1.308	2.287	3.4	20.2
12 27	5 59.27	+20 10.4	1.292	2.272	2.8	20.1
1 6	5 48.64	+20 24.6	1.302	2.257	7.9	20.4
1 16	5 39.92	+20 40.3	1.338	2.242	12.9	20.6
1 26	5 34.26	+20 57.8	1.396	2.227	17.2	20.9

202718 2007 HN_{25} 12 22.6 131°.58 0°.4/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.14	+24 2.7	1.998	2.800	14.1	21.9
11 27	6 29.75	+24 12.3	1.927	2.814	10.7	21.7
12 7	6 20.91	+24 21.7	1.881	2.828	6.8	21.5
12 17	6 10.39	+24 28.9	1.862	2.841	2.5	21.3
12 27	5 59.33	+24 32.4	1.873	2.853	1.9	21.3
1 6	5 48.95	+24 31.9	1.914	2.865	6.1	21.6
1 16	5 40.29	+24 28.7	1.983	2.876	9.9	21.8
1 26	5 34.13	+24 24.4	2.078	2.887	13.2	22.1

441303 2008 AL_4 12 22.6 18°.44 5°.9/24.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.22	+38 44.1	0.931	1.779	22.8	19.3
11 27	6 29.61	+38 7.5	0.894	1.798	17.9	19.1
12 7	6 21.48	+37 8.3	0.873	1.819	12.5	18.9
12 17	6 10.58	+35 43.3	0.873	1.844	7.5	18.7
12 27	5 59.39	+33 56.0	0.897	1.870	6.2	18.7
1 6	5 50.22	+31 56.6	0.944	1.899	10.0	19.0
1 16	5 44.52	+29 57.0	1.013	1.929	14.7	19.4
1 26	5 42.90	+28 7.2	1.102	1.962	18.8	19.7

102986 1999 XD_{82} 12 22.6 192°.20 0°.9/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.03	+22 13.0	1.732	2.541	15.5	20.3
11 27	6 30.12	+21 54.8	1.650	2.541	11.9	20.0
12 7	6 21.39	+21 36.6	1.591	2.539	7.6	19.8
12 17	6 10.64	+21 17.7	1.559	2.537	2.9	19.5
12 27	5 59.12	+20 58.0	1.555	2.535	2.4	19.4
1 6	5 48.25	+20 38.6	1.581	2.532	7.1	19.7
1 16	5 39.28	+20 21.2	1.633	2.529	11.5	20.0
1 26	5 33.11	+20 7.6	1.709	2.525	15.2	20.2

232509 2003 QK_{75} 12 22.6 74°.30 0°.2/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.11	+24 42.5	2.160	2.965	13.0	19.8
11 27	6 26.44	+24 34.8	2.096	2.985	9.8	19.6
12 7	6 18.68	+24 25.7	2.057	3.005	6.2	19.4
12 17	6 9.54	+24 14.3	2.045	3.024	2.3	19.2
12 27	6 0.02	+24 0.2	2.064	3.044	1.7	19.2
1 6	5 51.18	+23 44.1	2.112	3.063	5.6	19.5
1 16	5 43.89	+23 27.3	2.188	3.083	9.0	19.8
1 26	5 38.78	+23 11.5	2.290	3.102	12.0	20.0

394153 2006 PL_{14} 12 22.6 145°.63 1°.6/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.54	+16 35.1	2.292	3.084	12.8	21.8
11 27	6 27.51	+16 56.0	2.215	3.094	9.8	21.6
12 7	6 19.40	+17 22.8	2.162	3.104	6.4	21.4
12 17	6 9.85	+17 54.2	2.138	3.114	2.8	21.2
12 27	5 59.75	+18 28.6	2.145	3.123	2.3	21.2
1 6	5 50.11	+19 4.4	2.182	3.131	5.7	21.4
1 16	5 41.82	+19 40.5	2.249	3.138	9.1	21.7
1 26	5 35.58	+20 16.1	2.342	3.145	12.0	21.9

327119 2005 EN_{80} 12 22.6 32°.51 3°.2/23.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.80	+12 53.5	2.002	2.805	14.0	20.2
11 27	6 24.18	+13 1.3	1.929	2.811	10.9	20.1
12 7	6 17.41	+13 18.4	1.879	2.818	7.4	19.9
12 17	6 9.14	+13 44.7	1.855	2.825	4.1	19.7
12 27	6 0.30	+14 19.3	1.860	2.833	3.6	19.7
1 6	5 51.95	+15 0.4	1.894	2.841	6.6	19.9
1 16	5 45.01	+15 45.9	1.956	2.849	10.0	20.1
1 26	5 40.20	+16 33.9	2.042	2.857	13.1	20.3

73780 1994 RR_{22} 12 22.6 66°.17 2°.1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.54	+17 49.9	1.621	2.436	16.2	19.0
11 27	6 28.05	+17 45.4	1.565	2.456	12.4	18.8
12 7	6 19.93	+17 46.6	1.530	2.477	8.0	18.6
12 17	6 10.04	+17 52.8	1.521	2.497	3.6	18.3
12 27	5 59.66	+18 3.3	1.540	2.518	3.0	18.3
1 6	5 50.11	+18 17.3	1.587	2.539	7.1	18.6
1 16	5 42.51	+18 34.2	1.661	2.559	11.2	18.9
1 26	5 37.59	+18 53.7	1.758	2.580	14.6	19.2

49087 1998 RC_{68} 12 22.6 54°.00 1°.1/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.23	+21 25.9	1.386	2.213	17.8	18.4
11 27	6 29.20	+21 15.3	1.321	2.221	13.6	18.1
12 7	6 20.98	+21 6.9	1.278	2.229	8.7	17.9
12 17	6 10.51	+20 59.9	1.258	2.238	3.3	17.6
12 27	5 59.29	+20 53.5	1.266	2.246	2.7	17.6
1 6	5 48.96	+20 48.1	1.301	2.255	7.9	17.9
1 16	5 40.91	+20 44.7	1.360	2.264	12.7	18.2
1 26	5 36.06	+20 44.6	1.441	2.273	16.7	18.5

13938 1989 RP_1 12 22.6 109°.61 5°.9/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.13	+ 5 48.3	2.137	2.909	14.2	18.4
11 27	6 26.34	+ 5 20.9	2.075	2.929	11.5	18.2
12 7	6 18.58	+ 5 5.8	2.035	2.949	8.6	18.1
12 17	6 9.52	+ 5 5.2	2.023	2.968	6.4	18.0
12 27	6 0.07	+ 5 19.7	2.039	2.986	6.1	18.0
1 6	5 51.20	+ 5 48.3	2.084	3.004	7.9	18.1
1 16	5 43.74	+ 6 28.6	2.156	3.022	10.5	18.3
1 26	5 38.31	+ 7 17.6	2.253	3.039	13.0	18.5

503273 2015 PN_{291} 12 22.6 12°.82 1°.4/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.56	+33 41.7	6.619	7.404	4.9	20.5
11 27	6 14.50	+33 52.4	6.553	7.425	3.8	20.4
12 7	6 10.76	+34 0.6	6.513	7.446	2.6	20.3
12 17	6 6.60	+34 5.7	6.503	7.467	1.6	20.2
12 27	6 2.30	+34 7.3	6.523	7.489	1.5	20.2
1 6	5 58.16	+34 5.4	6.575	7.511	2.5	20.3
1 16	5 54.45	+34 0.2	6.656	7.533	3.6	20.4
1 26	5 51.43	+33 52.4	6.764	7.555	4.7	20.5

114240 2002 WH_3 12 22.6 113°.51 4°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.10	+33 30.3	1.643	2.447	16.5	20.1
11 27	6 33.55	+34 8.6	1.579	2.461	12.9	19.9
12 7	6 23.68	+34 39.3	1.536	2.474	8.9	19.7
12 17	6 11.49	+34 56.4	1.520	2.487	5.3	19.5
12 27	5 58.55	+34 56.1	1.531	2.499	5.0	19.5
1 6	5 46.60	+34 38.7	1.571	2.512	8.2	19.8
1 16	5 37.05	+34 8.3	1.636	2.523	12.0	20.0
1 26	5 30.85	+33 30.7	1.725	2.534	15.4	20.3

158764 2003 RM_{12} 12 22.6 79°.40 3°.4/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.73	+32 27.1	2.193	2.992	13.1	20.3
11 27	6 27.94	+33 3.0	2.128	3.008	10.1	20.2
12 7	6 19.78	+33 33.4	2.086	3.024	6.9	20.0
12 17	6 10.00	+33 54.6	2.072	3.040	4.0	19.9
12 27	5 59.69	+34 4.0	2.087	3.056	3.8	19.9
1 6	5 50.03	+34 1.5	2.132	3.072	6.4	20.1
1 16	5 42.03	+33 48.9	2.204	3.088	9.5	20.3
1 26	5 36.43	+33 29.7	2.301	3.104	12.2	20.5

306014 2010 DC_{12} 12 22.6 193°.09 6°.9/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.01	+ 3 28.6	2.241	3.005	13.9	20.9
11 27	6 25.62	+ 2 43.5	2.158	3.003	11.5	20.8
12 7	6 18.24	+ 2 10.6	2.099	3.001	9.1	20.6
12 17	6 9.46	+ 1 53.2	2.066	2.998	7.3	20.5
12 27	6 0.12	+ 1 53.4	2.061	2.995	7.1	20.5
1 6	5 51.17	+ 2 11.0	2.084	2.991	8.7	20.6
1 16	5 43.47	+ 2 44.5	2.134	2.986	11.2	20.7
1 26	5 37.71	+ 3 30.6	2.208	2.981	13.6	20.9

418632 2008 TM_{42} 12 22.6 333°.87 2°.2/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.55	+30 40.7	2.252	3.054	12.6	21.4
11 27	6 26.28	+30 42.5	2.168	3.053	9.7	21.2
12 7	6 18.75	+30 39.0	2.108	3.051	6.4	21.0
12 17	6 9.65	+30 28.0	2.075	3.049	3.2	20.8
12 27	5 59.98	+30 8.4	2.072	3.048	2.8	20.8
1 6	5 50.86	+29 41.0	2.098	3.046	5.9	21.0
1 16	5 43.24	+29 7.9	2.153	3.045	9.3	21.2
1 26	5 37.87	+28 32.4	2.232	3.044	12.3	21.4

133737 2003 VY_4 12 22.6 160°.21 1°.5/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.23	+19 39.1	2.078	2.880	13.6	20.3
11 27	6 27.49	+19 27.6	1.999	2.885	10.4	20.1
12 7	6 19.49	+19 18.5	1.944	2.889	6.7	19.9
12 17	6 9.92	+19 11.4	1.916	2.893	2.8	19.6
12 27	5 59.78	+19 6.3	1.918	2.897	2.4	19.6
1 6	5 50.18	+19 3.1	1.950	2.900	6.2	19.8
1 16	5 42.09	+19 2.4	2.010	2.902	9.8	20.1
1 26	5 36.27	+19 4.8	2.095	2.904	13.0	20.3

469459 2002 QU_{64} 12 22.6 47°.70 4°.7/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.27	+32 37.4	1.177	2.008	20.1	20.7
11 27	6 32.91	+33 5.1	1.129	2.027	15.5	20.4
12 7	6 23.55	+33 23.5	1.100	2.046	10.5	20.2
12 17	6 11.46	+33 26.2	1.094	2.066	5.8	20.0
12 27	5 58.69	+33 9.9	1.113	2.086	5.3	20.1
1 6	5 47.39	+32 36.7	1.157	2.107	9.4	20.4
1 16	5 39.17	+31 52.6	1.225	2.128	13.9	20.7
1 26	5 34.90	+31 4.8	1.314	2.150	17.8	21.0

161959 2007 HH_{48} 12 22.6 153°.97 0°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.15	+21 27.9	2.032	2.833	13.9	21.3
11 27	6 29.03	+21 34.4	1.955	2.841	10.6	21.1
12 7	6 20.50	+21 42.8	1.901	2.848	6.7	20.9
12 17	6 10.30	+21 51.6	1.876	2.855	2.5	20.6
12 27	5 59.50	+21 59.5	1.881	2.861	2.0	20.6
1 6	5 49.27	+22 6.1	1.916	2.866	6.1	20.9
1 16	5 40.65	+22 11.8	1.979	2.871	9.9	21.1
1 26	5 34.43	+22 17.6	2.066	2.875	13.2	21.3

240330 2003 NL_{13} 12 22.6 220°.25 1°.2/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.22	+19 17.5	1.870	2.678	14.6	21.0
11 27	6 27.90	+19 25.5	1.784	2.673	11.2	20.8
12 7	6 19.99	+19 38.0	1.722	2.669	7.3	20.5
12 17	6 10.18	+19 53.8	1.685	2.663	2.9	20.3
12 27	5 59.57	+20 11.5	1.678	2.658	2.4	20.2
1 6	5 49.41	+20 30.1	1.701	2.652	6.7	20.5
1 16	5 40.88	+20 49.1	1.750	2.646	10.8	20.7
1 26	5 34.86	+21 8.8	1.824	2.640	14.4	20.9

388253 2006 MJ_{14} 12 22.6 228°.31 5°.9/22.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.77	+40 8.3	2.398	3.168	12.9	21.8
11 27	6 32.98	+41 2.4	2.301	3.154	10.5	21.6
12 7	6 23.31	+41 47.9	2.228	3.140	8.1	21.4
12 17	6 11.45	+42 18.9	2.182	3.125	6.2	21.3
12 27	5 58.56	+42 30.7	2.166	3.109	6.2	21.2
1 6	5 46.07	+42 22.2	2.179	3.092	8.0	21.3
1 16	5 35.30	+41 55.7	2.219	3.074	10.7	21.4
1 26	5 27.27	+41 16.5	2.284	3.056	13.3	21.6

287032 2002 QH_{107} 12 22.6 190°.85 1°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.87	+27 28.7	1.733	2.541	15.6	21.5
11 27	6 31.68	+27 31.2	1.651	2.540	12.0	21.2
12 7	6 22.48	+27 30.2	1.592	2.539	7.8	21.0
12 17	6 11.10	+27 22.7	1.559	2.537	3.2	20.7
12 27	5 58.89	+27 7.1	1.555	2.535	2.6	20.7
1 6	5 47.39	+26 44.0	1.581	2.532	7.2	20.9
1 16	5 37.92	+26 16.2	1.633	2.528	11.5	21.2
1 26	5 31.44	+25 47.5	1.709	2.524	15.3	21.4

410871 2009 SW_{21} 12 22.6 63°.07 2°.9/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.68	+32 25.1	2.064	2.866	13.7	20.3
11 27	6 28.00	+32 28.0	1.991	2.875	10.6	20.2
12 7	6 19.86	+32 23.9	1.943	2.883	7.1	20.0
12 17	6 10.05	+32 10.0	1.921	2.892	3.8	19.8
12 27	5 59.74	+31 45.3	1.928	2.901	3.4	19.8
1 6	5 50.16	+31 10.9	1.964	2.910	6.4	20.0
1 16	5 42.33	+30 29.8	2.028	2.920	9.8	20.2
1 26	5 37.01	+29 46.1	2.117	2.929	12.8	20.4

74374 1998 XN_4 12 22.6 32°.25 0°.3/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.83	+21 45.0	1.604	2.426	16.0	18.8
11 27	6 27.10	+21 57.2	1.535	2.432	12.2	18.6
12 7	6 19.56	+22 12.4	1.487	2.438	7.8	18.3
12 17	6 10.02	+22 28.6	1.465	2.444	2.9	18.1
12 27	5 59.74	+22 43.9	1.470	2.451	2.2	18.0
1 6	5 50.16	+22 57.4	1.504	2.458	7.0	18.4
1 16	5 42.49	+23 9.1	1.563	2.466	11.4	18.6
1 26	5 37.63	+23 20.0	1.645	2.474	15.2	18.9

132801 2002 QJ_1 12 22.7 20°.58 1°.1/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.24	+26 29.2	1.977	2.791	13.7	19.9
11 27	6 25.48	+26 36.4	1.902	2.794	10.5	19.7
12 7	6 18.34	+26 41.7	1.850	2.799	6.7	19.5
12 17	6 9.53	+26 43.1	1.825	2.803	2.7	19.2
12 27	6 0.14	+26 39.3	1.829	2.808	2.2	19.2
1 6	5 51.32	+26 30.4	1.862	2.814	6.1	19.5
1 16	5 44.12	+26 17.8	1.921	2.820	9.9	19.7
1 26	5 39.30	+26 3.6	2.005	2.826	13.1	19.9

86238 1999 TJ_{118} 12 22.7 24°.71 6°.1/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.42	+39 29.6	2.042	2.831	14.2	18.1
11 27	6 29.81	+40 15.0	1.967	2.833	11.5	17.9
12 7	6 21.28	+40 50.2	1.914	2.834	8.7	17.8
12 17	6 10.67	+41 9.5	1.887	2.836	6.5	17.6
12 27	5 59.27	+41 9.1	1.888	2.838	6.3	17.6
1 6	5 48.56	+40 49.0	1.917	2.840	8.3	17.8
1 16	5 39.83	+40 12.4	1.972	2.842	11.1	17.9
1 26	5 33.98	+39 25.1	2.050	2.844	13.8	18.1

223120 2002 VZ_{32} 12 22.7 57°.43 0°.3/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.05	+22 48.1	1.252	2.082	19.2	20.5
11 27	6 31.36	+22 45.8	1.205	2.106	14.5	20.2
12 7	6 22.28	+22 44.8	1.178	2.131	9.1	20.0
12 17	6 10.97	+22 43.1	1.176	2.156	3.3	19.7
12 27	5 59.15	+22 39.6	1.200	2.181	2.5	19.8
1 6	5 48.60	+22 34.4	1.251	2.206	8.0	20.2
1 16	5 40.68	+22 29.3	1.326	2.232	12.8	20.5
1 26	5 36.18	+22 26.0	1.423	2.257	16.8	20.8

241525 2009 RN_7 12 22.7 85°.99 0°.4/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.82	+23 20.7	1.474	2.290	17.5	21.3
11 27	6 32.29	+23 7.1	1.419	2.313	13.3	21.1
12 7	6 22.69	+22 53.1	1.387	2.336	8.4	20.8
12 17	6 11.10	+22 37.5	1.380	2.359	3.1	20.6
12 27	5 59.04	+22 20.0	1.401	2.382	2.4	20.6
1 6	5 48.11	+22 1.7	1.451	2.404	7.4	20.9
1 16	5 39.54	+21 44.6	1.526	2.425	11.9	21.3
1 26	5 34.12	+21 30.9	1.625	2.447	15.6	21.6

265458 2004 YM_{18} 12 22.7 257°.61 3°.2/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.61	+10 39.7	2.684	3.463	11.5	20.7
11 27	6 24.47	+10 52.9	2.578	3.445	9.1	20.6
12 7	6 17.53	+11 14.9	2.497	3.427	6.4	20.4
12 17	6 9.25	+11 46.1	2.444	3.408	3.9	20.2
12 27	6 0.33	+12 25.9	2.421	3.389	3.5	20.1
1 6	5 51.59	+13 12.8	2.430	3.370	5.8	20.2
1 16	5 43.80	+14 5.0	2.468	3.350	8.7	20.4
1 26	5 37.65	+15 0.5	2.533	3.330	11.4	20.5

505172 2012 TH_{31} 12 22.7 347°.01 20°.4/25.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 59.83	+59 50.0	1.060	1.815	26.6	20.7
11 27	6 54.64	+61 47.1	1.009	1.813	24.4	20.5
12 7	6 40.28	+63 11.1	0.971	1.812	22.3	20.4
12 17	6 18.25	+63 39.0	0.948	1.811	20.8	20.3
12 27	5 53.64	+62 53.5	0.942	1.810	20.4	20.3
1 6	5 32.83	+60 56.4	0.953	1.809	21.2	20.3
1 16	5 19.79	+58 6.4	0.982	1.809	23.1	20.4
1 26	5 15.30	+54 48.6	1.027	1.809	25.3	20.6

241654 2000 HN_{22} 12 22.7 119°.59 3°.0/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 41.99	+29 23.4	1.574	2.380	17.0	20.5
11 27	6 34.93	+29 57.3	1.512	2.399	13.1	20.3
12 7	6 24.54	+30 26.9	1.473	2.416	8.6	20.0
12 17	6 11.84	+30 46.8	1.459	2.434	4.2	19.8
12 27	5 58.44	+30 53.6	1.475	2.450	3.8	19.8
1 6	5 46.08	+30 47.1	1.519	2.466	7.8	20.1
1 16	5 36.17	+30 30.5	1.589	2.480	12.0	20.4
1 26	5 29.64	+30 8.7	1.682	2.494	15.6	20.7

277333 2005 TU_{18} 12 22.7 45°.83 1°.9/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.31	+18 46.1	1.350	2.178	18.1	20.3
11 27	6 28.56	+18 44.7	1.288	2.188	13.9	20.0
12 7	6 20.62	+18 49.5	1.247	2.197	9.0	19.8
12 17	6 10.44	+18 59.4	1.229	2.207	3.8	19.5
12 27	5 59.50	+19 13.2	1.239	2.218	3.1	19.5
1 6	5 49.42	+19 29.9	1.274	2.229	8.0	19.8
1 16	5 41.60	+19 48.7	1.335	2.240	12.8	20.1
1 26	5 36.96	+20 9.7	1.417	2.251	16.8	20.4

515635 2014 MW_{6} 12 22.7 154°.90 5°.6/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.94	+ 6 48.1	2.329	3.102	13.2	22.5
11 27	6 25.43	+ 6 10.8	2.253	3.109	10.6	22.3
12 7	6 18.05	+ 5 43.7	2.201	3.116	8.0	22.1
12 17	6 9.40	+ 5 28.8	2.176	3.122	6.0	22.0
12 27	6 0.29	+ 5 27.7	2.180	3.128	5.8	22.0
1 6	5 51.62	+ 5 40.2	2.214	3.133	7.6	22.2
1 16	5 44.19	+ 6 5.0	2.274	3.138	10.1	22.3
1 26	5 38.64	+ 6 39.7	2.359	3.142	12.6	22.5

458035 2009 WQ_{206} 12 22.7 79°.01 0°.5/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.06	+22 54.4	2.196	3.002	12.8	21.5
11 27	6 25.71	+22 36.0	2.123	3.012	9.7	21.3
12 7	6 18.29	+22 17.2	2.074	3.022	6.2	21.1
12 17	6 9.48	+21 57.5	2.053	3.032	2.3	20.8
12 27	6 0.24	+21 37.3	2.062	3.042	1.8	20.8
1 6	5 51.58	+21 17.2	2.100	3.052	5.6	21.1
1 16	5 44.37	+20 58.6	2.167	3.062	9.1	21.3
1 26	5 39.26	+20 42.8	2.259	3.072	12.1	21.5

479597 2014 DN_{6} 12 22.7 326°.17 1°.5/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.32	+25 24.0	1.338	2.172	17.9	21.2
11 27	6 28.37	+25 48.9	1.258	2.162	13.8	21.0
12 7	6 20.90	+26 14.8	1.199	2.151	8.9	20.7
12 17	6 10.68	+26 37.8	1.163	2.142	3.6	20.3
12 27	5 59.23	+26 54.2	1.153	2.133	3.0	20.3
1 6	5 48.40	+27 2.4	1.169	2.124	8.5	20.6
1 16	5 39.87	+27 3.5	1.209	2.116	13.6	20.8
1 26	5 34.85	+27 0.5	1.270	2.109	18.1	21.1

474225 2001 DB_{4} 12 22.7 14°.71 25°.3/14.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	7 7.18	+75 17.1	0.884	1.598	33.4	18.9
11 27	7 6.23	+76 21.1	0.869	1.614	31.7	18.9
12 7	6 48.10	+76 31.0	0.861	1.633	29.9	18.8
12 17	6 19.79	+75 25.9	0.860	1.656	28.1	18.8
12 27	5 54.10	+72 55.5	0.870	1.682	26.5	18.8
1 6	5 38.74	+69 12.6	0.894	1.712	25.5	18.9
1 16	5 33.82	+64 42.0	0.934	1.744	25.3	19.0
1 26	5 36.78	+59 50.4	0.992	1.779	25.7	19.2

213223 2000 WR_{11} 12 22.7 146°.83 0°.7/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.54	+23 54.4	1.515	2.332	17.1	20.7
11 27	6 31.72	+24 17.0	1.443	2.337	13.0	20.5
12 7	6 22.66	+24 41.0	1.393	2.342	8.3	20.2
12 17	6 11.23	+25 3.0	1.368	2.347	3.1	19.9
12 27	5 58.90	+25 20.0	1.371	2.352	2.5	19.9
1 6	5 47.33	+25 30.7	1.402	2.355	7.6	20.2
1 16	5 37.99	+25 36.2	1.460	2.359	12.3	20.5
1 26	5 31.88	+25 38.8	1.540	2.362	16.3	20.8

316340 2010 RA_{129} 12 22.7 195°.63 1°.7/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.30	+28 20.4	2.051	2.856	13.6	20.8
11 27	6 27.80	+28 26.5	1.968	2.856	10.4	20.6
12 7	6 19.84	+28 29.0	1.909	2.855	6.8	20.4
12 17	6 10.12	+28 25.6	1.877	2.854	3.0	20.1
12 27	5 59.76	+28 14.7	1.875	2.853	2.5	20.1
1 6	5 49.96	+27 56.9	1.902	2.852	6.2	20.4
1 16	5 41.80	+27 34.1	1.957	2.851	10.0	20.6
1 26	5 36.10	+27 9.1	2.036	2.850	13.2	20.8

367974 2012 DX_{97} 12 22.7 158°.62 4°.7/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.17	+ 8 48.1	2.173	2.960	13.6	20.2
11 27	6 24.34	+ 8 38.5	2.092	2.960	10.8	20.0
12 7	6 17.51	+ 8 39.6	2.035	2.961	7.8	19.9
12 17	6 9.25	+ 8 52.8	2.003	2.961	5.3	19.7
12 27	6 0.43	+ 9 18.1	2.001	2.961	5.0	19.7
1 6	5 52.01	+ 9 54.5	2.027	2.962	7.2	19.8
1 16	5 44.85	+10 39.8	2.082	2.962	10.1	20.0
1 26	5 39.67	+11 31.5	2.160	2.962	13.0	20.2

332628 2008 TT_{132} 12 22.7 129°.23 0°.0/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.34	+23 56.6	2.547	3.347	11.4	21.2
11 27	6 24.98	+23 50.9	2.468	3.354	8.7	21.0
12 7	6 17.76	+23 44.5	2.414	3.361	5.5	20.8
12 17	6 9.30	+23 36.5	2.389	3.368	2.0	20.6
12 27	6 0.42	+23 26.6	2.394	3.374	1.5	20.5
1 6	5 52.00	+23 15.0	2.430	3.381	5.0	20.8
1 16	5 44.82	+23 2.8	2.494	3.387	8.2	21.0
1 26	5 39.50	+22 51.2	2.585	3.393	10.9	21.2

45435 2000 AF_{174} 12 22.7 86°.63 4°.8/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.12	+12 14.7	1.478	2.287	17.8	19.1
11 27	6 29.47	+11 53.6	1.420	2.304	13.9	18.9
12 7	6 20.97	+11 43.9	1.383	2.322	9.6	18.7
12 17	6 10.53	+11 46.8	1.371	2.339	5.7	18.5
12 27	5 59.52	+12 2.4	1.387	2.356	5.2	18.5
1 6	5 49.37	+12 29.3	1.429	2.373	8.6	18.7
1 16	5 41.30	+13 5.1	1.497	2.389	12.6	19.0
1 26	5 36.12	+13 47.3	1.587	2.405	16.1	19.3

11525 1991 RE_{25} 12 22.7 39°.66 4°.1/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.01	+13 19.9	1.297	2.122	18.9	17.3
11 27	6 27.42	+13 18.7	1.247	2.142	14.6	17.1
12 7	6 19.79	+13 30.0	1.217	2.162	9.9	16.8
12 17	6 10.11	+13 54.0	1.212	2.184	5.4	16.7
12 27	5 59.85	+14 29.2	1.232	2.206	4.6	16.7
1 6	5 50.57	+15 12.6	1.278	2.229	8.5	17.0
1 16	5 43.51	+16 1.1	1.349	2.252	12.8	17.3
1 26	5 39.51	+16 52.1	1.441	2.275	16.6	17.6

131305 2001 FF_{145} 12 22.7 159°.77 0°.2/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.19	+22 10.3	2.801	3.593	10.7	20.3
11 27	6 25.56	+22 45.5	2.717	3.599	8.1	20.1
12 7	6 18.15	+23 22.7	2.658	3.604	5.1	19.9
12 17	6 9.48	+23 59.9	2.629	3.608	1.9	19.7
12 27	6 0.29	+24 35.3	2.632	3.612	1.5	19.7
1 6	5 51.43	+25 7.4	2.666	3.616	4.7	19.9
1 16	5 43.64	+25 35.7	2.731	3.619	7.7	20.1
1 26	5 37.57	+26 0.6	2.822	3.622	10.3	20.3

296074 2009 BH_{4} 12 22.7 358°.77 3°.8/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.85	+17 0.6	1.288	2.125	18.3	19.7
11 27	6 25.38	+16 21.1	1.219	2.122	14.2	19.5
12 7	6 18.75	+15 47.2	1.170	2.119	9.5	19.2
12 17	6 9.83	+15 21.1	1.143	2.118	5.0	18.9
12 27	6 0.04	+15 4.6	1.143	2.118	4.6	18.9
1 6	5 50.99	+14 58.6	1.167	2.119	9.0	19.2
1 16	5 44.10	+15 3.2	1.215	2.122	13.7	19.4
1 26	5 40.34	+15 17.2	1.284	2.125	17.8	19.7

250267 2003 FD_{7} 12 22.7 241°.01 1°.9/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.02	+28 16.3	1.835	2.642	14.9	21.7
11 27	6 30.33	+28 26.2	1.743	2.631	11.5	21.4
12 7	6 21.71	+28 32.7	1.674	2.620	7.5	21.2
12 17	6 10.91	+28 32.5	1.632	2.609	3.3	20.9
12 27	5 59.17	+28 23.5	1.619	2.597	2.8	20.8
1 6	5 47.96	+28 5.8	1.634	2.584	7.1	21.0
1 16	5 38.59	+27 41.5	1.677	2.572	11.3	21.3
1 26	5 32.06	+27 14.5	1.743	2.559	15.0	21.5

132526 2002 JO_{58} 12 22.7 142°.10 0°.3/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.55	+22 59.2	2.080	2.882	13.6	20.6
11 27	6 28.51	+22 53.0	2.005	2.892	10.3	20.4
12 7	6 20.16	+22 46.8	1.954	2.901	6.5	20.2
12 17	6 10.22	+22 39.4	1.930	2.909	2.4	19.9
12 27	5 59.76	+22 30.3	1.937	2.917	1.9	19.9
1 6	5 49.91	+22 19.8	1.973	2.924	5.9	20.2
1 16	5 41.66	+22 9.2	2.038	2.931	9.7	20.4
1 26	5 35.74	+21 59.9	2.128	2.938	12.9	20.6

287775 2003 SD_{88} 12 22.7 114°.07 2°.3/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 38.02	+29 24.2	2.138	2.933	13.5	22.1
11 27	6 31.09	+29 50.9	2.075	2.955	10.3	21.9
12 7	6 21.75	+30 13.5	2.036	2.978	6.7	21.7
12 17	6 10.79	+30 28.7	2.025	2.999	3.3	21.5
12 27	5 59.36	+30 34.4	2.045	3.020	2.9	21.6
1 6	5 48.67	+30 30.5	2.095	3.040	6.2	21.8
1 16	5 39.76	+30 18.9	2.173	3.059	9.5	22.0
1 26	5 33.34	+30 2.8	2.277	3.078	12.4	22.3

270986 2002 XA_{5} 12 22.7 310°.58 5°.0/21.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.61	+20 53.9	0.952	1.795	22.8	19.7
11 27	6 36.71	+23 44.1	0.875	1.783	17.8	19.4
12 7	6 27.62	+27 3.7	0.818	1.772	11.7	19.0
12 17	6 13.70	+30 37.7	0.785	1.762	5.9	18.7
12 27	5 56.74	+34 2.1	0.778	1.752	6.8	18.7
1 6	5 39.74	+36 55.1	0.797	1.742	13.2	19.0
1 16	5 25.89	+39 7.1	0.838	1.733	19.4	19.3
1 26	5 17.60	+40 41.6	0.897	1.725	24.7	19.6

343320 2010 BF_{84} 12 22.7 78°.37 0°.4/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.00	+25 27.8	2.646	3.447	11.0	20.8
11 27	6 23.94	+25 18.7	2.565	3.451	8.4	20.6
12 7	6 17.11	+25 7.8	2.509	3.456	5.3	20.4
12 17	6 9.09	+24 54.3	2.481	3.460	2.0	20.2
12 27	6 0.65	+24 38.0	2.484	3.465	1.5	20.2
1 6	5 52.66	+24 19.4	2.518	3.469	4.8	20.4
1 16	5 45.86	+23 59.7	2.581	3.474	7.9	20.6
1 26	5 40.83	+23 40.5	2.669	3.478	10.6	20.8

504016 2005 JT_{149} 12 22.7 206°.66 13°.4/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 49.99	+43 33.4	1.284	2.076	20.9	21.3
11 27	6 44.22	+46 32.6	1.219	2.074	17.8	21.0
12 7	6 32.56	+49 23.1	1.175	2.072	15.0	20.9
12 17	6 15.53	+51 44.8	1.155	2.070	13.4	20.8
12 27	5 55.40	+53 19.7	1.158	2.067	14.0	20.8
1 6	5 35.76	+54 0.8	1.185	2.064	16.2	20.9
1 16	5 20.13	+53 54.7	1.233	2.060	19.2	21.1
1 26	5 10.72	+53 16.4	1.298	2.057	22.1	21.3

224978 2007 EF_{70} 12 22.7 18°.76 0°.9/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.24	+24 59.4	2.002	2.814	13.7	20.8
11 27	6 26.29	+25 18.4	1.923	2.815	10.4	20.6
12 7	6 18.92	+25 37.5	1.867	2.816	6.7	20.4
12 17	6 9.83	+25 54.3	1.838	2.817	2.6	20.2
12 27	6 0.07	+26 6.7	1.839	2.819	2.1	20.1
1 6	5 50.82	+26 14.2	1.868	2.820	6.1	20.4
1 16	5 43.14	+26 17.2	1.925	2.822	9.9	20.6
1 26	5 37.83	+26 17.6	2.006	2.824	13.2	20.8

367652 2009 WR_{121} 12 22.7 3°.15 2°.1/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.85	+19 4.3	2.118	2.925	13.2	20.4
11 27	6 24.94	+18 30.2	2.037	2.925	10.1	20.2
12 7	6 17.91	+17 57.7	1.979	2.925	6.6	20.0
12 17	6 9.42	+17 27.7	1.949	2.925	3.1	19.8
12 27	6 0.41	+17 1.2	1.949	2.925	2.8	19.8
1 6	5 51.91	+16 39.3	1.978	2.926	6.2	20.0
1 16	5 44.81	+16 23.1	2.034	2.926	9.7	20.2
1 26	5 39.81	+16 13.0	2.115	2.927	12.8	20.4

435500 2008 GK_{100} 12 22.7 180°.22 0°.9/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.03	+20 46.2	1.864	2.668	14.8	22.8
11 27	6 29.99	+20 46.7	1.782	2.669	11.4	22.6
12 7	6 21.31	+20 49.6	1.724	2.670	7.3	22.3
12 17	6 10.73	+20 53.8	1.692	2.671	2.8	22.1
12 27	5 59.40	+20 58.2	1.690	2.670	2.2	22.0
1 6	5 48.64	+21 2.3	1.718	2.669	6.7	22.3
1 16	5 39.62	+21 6.7	1.773	2.667	10.8	22.6
1 26	5 33.20	+21 12.2	1.853	2.665	14.4	22.8

203974 2003 SM_{200} 12 22.7 57°.21 4°.0/23.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.24	+10 30.9	1.598	2.401	16.9	19.5
11 27	6 28.07	+10 59.7	1.531	2.412	13.3	19.3
12 7	6 20.17	+11 43.5	1.485	2.423	9.1	19.1
12 17	6 10.32	+12 41.7	1.464	2.433	5.2	18.9
12 27	5 59.73	+13 51.4	1.472	2.445	4.4	18.9
1 6	5 49.78	+15 8.2	1.508	2.456	7.8	19.1
1 16	5 41.66	+16 27.8	1.571	2.467	11.8	19.4
1 26	5 36.26	+17 46.5	1.658	2.479	15.4	19.6

237553 2000 WG_{83} 12 22.7 54°.20 2°.8/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.58	+15 34.1	1.537	2.354	16.9	19.8
11 27	6 27.68	+15 38.6	1.471	2.363	13.0	19.6
12 7	6 19.96	+15 52.1	1.427	2.372	8.6	19.3
12 17	6 10.25	+16 14.1	1.407	2.382	4.2	19.1
12 27	5 59.83	+16 43.2	1.415	2.392	3.5	19.1
1 6	5 50.13	+17 17.4	1.451	2.402	7.6	19.4
1 16	5 42.36	+17 55.0	1.513	2.413	11.9	19.6
1 26	5 37.40	+18 34.3	1.597	2.423	15.6	19.9

189803 2002 JW_{87} 12 22.7 105°.78 2°.3/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.57	+17 17.7	2.396	3.193	12.2	20.3
11 27	6 25.13	+16 50.5	2.325	3.207	9.3	20.2
12 7	6 17.86	+16 26.4	2.279	3.220	6.1	20.0
12 17	6 9.38	+16 6.1	2.260	3.234	3.1	19.8
12 27	6 0.53	+15 50.2	2.272	3.247	2.8	19.8
1 6	5 52.20	+15 39.1	2.315	3.260	5.7	20.0
1 16	5 45.15	+15 33.3	2.386	3.272	8.7	20.3
1 26	5 39.97	+15 32.7	2.482	3.285	11.4	20.5

258671 2002 EU_{126} 12 22.7 261°.91 1°.6/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.38	+21 10.3	1.441	2.263	17.5	20.7
11 27	6 30.32	+20 44.8	1.357	2.253	13.5	20.4
12 7	6 21.95	+20 20.1	1.294	2.244	8.8	20.1
12 17	6 11.09	+19 56.2	1.256	2.234	3.6	19.8
12 27	5 59.17	+19 33.3	1.245	2.224	3.0	19.7
1 6	5 47.88	+19 12.9	1.261	2.214	8.3	20.0
1 16	5 38.75	+18 56.8	1.302	2.204	13.3	20.3
1 26	5 32.87	+18 46.9	1.365	2.194	17.7	20.5

462409 2008 SS_{303} 12 22.7 52°.07 1°.8/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.71	+19 27.8	2.193	2.999	12.8	20.8
11 27	6 24.72	+18 59.5	2.118	3.005	9.8	20.7
12 7	6 17.72	+18 33.0	2.066	3.012	6.3	20.5
12 17	6 9.36	+18 8.6	2.042	3.019	2.9	20.2
12 27	6 0.55	+17 47.2	2.048	3.025	2.5	20.2
1 6	5 52.27	+17 29.7	2.083	3.032	5.9	20.5
1 16	5 45.36	+17 16.7	2.147	3.039	9.3	20.7
1 26	5 40.47	+17 8.7	2.235	3.047	12.2	20.9

71700 2000 GO_{19} 12 22.7 336°.53 4°.2/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.42	+13 53.3	1.850	2.661	14.6	19.0
11 27	6 23.48	+13 14.9	1.764	2.651	11.5	18.8
12 7	6 17.21	+12 42.7	1.700	2.640	8.0	18.5
12 17	6 9.25	+12 18.8	1.663	2.631	4.9	18.3
12 27	6 0.60	+12 4.9	1.653	2.622	4.7	18.3
1 6	5 52.38	+12 1.7	1.671	2.613	7.7	18.4
1 16	5 45.61	+12 9.1	1.714	2.606	11.3	18.6
1 26	5 41.11	+12 25.7	1.781	2.599	14.6	18.8

273164 2006 HB_{61} 12 22.7 224°.57 2°.1/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.68	+15 43.0	2.650	3.443	11.2	20.9
11 27	6 23.75	+15 42.9	2.558	3.437	8.7	20.7
12 7	6 17.07	+15 47.8	2.490	3.430	5.8	20.5
12 17	6 9.14	+15 57.6	2.451	3.424	2.9	20.3
12 27	6 0.70	+16 11.8	2.442	3.417	2.6	20.3
1 6	5 52.55	+16 30.0	2.464	3.410	5.3	20.5
1 16	5 45.45	+16 51.5	2.514	3.402	8.3	20.6
1 26	5 40.01	+17 15.6	2.591	3.395	11.0	20.8

180866 2005 JC_{35} 12 22.7 236°.94 3°.3/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.47	+15 37.2	1.631	2.441	16.4	20.9
11 27	6 29.24	+15 23.8	1.545	2.432	12.8	20.6
12 7	6 21.09	+15 17.6	1.479	2.423	8.6	20.4
12 17	6 10.76	+15 19.2	1.440	2.413	4.4	20.1
12 27	5 59.46	+15 28.7	1.428	2.403	3.9	20.0
1 6	5 48.63	+15 45.3	1.445	2.393	8.0	20.3
1 16	5 39.60	+16 8.3	1.487	2.382	12.5	20.5
1 26	5 33.39	+16 36.7	1.552	2.371	16.4	20.7

233757 2008 TY_{25} 12 22.7 354°.87 11°.3/24.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 46.99	+56 35.0	2.039	2.756	16.5	19.4
11 27	6 39.54	+57 12.8	1.966	2.754	14.7	19.3
12 7	6 27.81	+57 27.6	1.913	2.751	12.9	19.2
12 17	6 13.16	+57 10.9	1.881	2.749	11.7	19.1
12 27	5 57.80	+56 17.6	1.873	2.748	11.3	19.1
1 6	5 44.06	+54 49.6	1.890	2.747	12.1	19.1
1 16	5 33.66	+52 54.7	1.931	2.747	13.7	19.2
1 26	5 27.50	+50 43.6	1.995	2.747	15.6	19.3

477405 2009 VM_{67} 12 22.7 81°.85 1°.0/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.13	+22 21.1	1.484	2.302	17.3	21.3
11 27	6 31.08	+21 56.8	1.426	2.321	13.1	21.1
12 7	6 22.03	+21 32.7	1.389	2.339	8.3	20.8
12 17	6 10.98	+21 8.5	1.378	2.357	3.2	20.6
12 27	5 59.42	+20 44.4	1.395	2.375	2.5	20.6
1 6	5 48.87	+20 22.0	1.440	2.393	7.5	20.9
1 16	5 40.59	+20 3.1	1.511	2.410	12.0	21.2
1 26	5 35.37	+19 49.3	1.604	2.428	15.7	21.5

221946 1990 KL_{1} 12 22.7 106°.04 10°.2/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 50.64	+33 21.7	1.129	1.944	21.8	19.6
11 27	6 44.26	+36 44.3	1.071	1.954	17.5	19.3
12 7	6 32.28	+40 9.1	1.035	1.965	13.2	19.1
12 17	6 15.37	+43 14.1	1.025	1.974	10.4	19.0
12 27	5 55.79	+45 37.7	1.041	1.984	11.2	19.1
1 6	5 36.89	+47 9.8	1.084	1.994	14.6	19.3
1 16	5 21.83	+47 55.0	1.148	2.003	18.5	19.6
1 26	5 12.60	+48 6.6	1.230	2.011	22.0	19.8

370876 2005 EF_{97} 12 22.7 292°.42 3°.3/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.15	+34 25.5	2.294	3.088	12.7	20.1
11 27	6 27.62	+34 29.0	2.204	3.081	10.0	19.9
12 7	6 19.72	+34 24.6	2.138	3.074	6.9	19.7
12 17	6 10.16	+34 9.4	2.100	3.067	4.1	19.5
12 27	5 59.98	+33 42.1	2.091	3.060	3.7	19.5
1 6	5 50.36	+33 3.4	2.111	3.053	6.3	19.6
1 16	5 42.31	+32 16.3	2.160	3.047	9.5	19.8
1 26	5 36.61	+31 25.1	2.233	3.040	12.4	20.0

441753 2009 CY_{3} 12 22.7 350°.22 0°.2/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.65	+21 7.3	1.317	2.155	17.9	20.7
11 27	6 26.23	+21 32.5	1.243	2.148	13.8	20.4
12 7	6 19.50	+22 3.6	1.188	2.142	8.8	20.1
12 17	6 10.24	+22 38.2	1.158	2.138	3.3	19.8
12 27	5 59.88	+23 12.8	1.153	2.134	2.5	19.7
1 6	5 50.14	+23 45.0	1.174	2.131	8.1	20.1
1 16	5 42.57	+24 13.5	1.219	2.129	13.3	20.3
1 26	5 38.31	+24 38.9	1.285	2.129	17.6	20.6

361611 2007 TY_{18} 12 22.7 104°.73 4°.6/22.8 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 48.27	+34 26.7	1.761	2.546	16.3	22.3
11 27	6 39.31	+35 10.7	1.711	2.581	12.7	22.2
12 7	6 27.11	+35 45.3	1.684	2.615	8.8	22.0
12 17	6 12.82	+36 4.0	1.685	2.648	5.4	21.9
12 27	5 58.09	+36 3.4	1.715	2.680	5.0	21.9
1 6	5 44.64	+35 44.7	1.775	2.710	7.9	22.2
1 16	5 33.81	+35 12.7	1.862	2.739	11.3	22.4
1 26	5 26.39	+34 33.7	1.974	2.766	14.4	22.7

14383 1990 OY_{3} 12 22.7 103°.35 3°.1/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.98	+31 6.5	1.635	2.443	16.4	17.9
11 27	6 32.60	+31 22.4	1.570	2.457	12.6	17.7
12 7	6 23.09	+31 31.8	1.528	2.471	8.4	17.5
12 17	6 11.42	+31 30.4	1.511	2.484	4.3	17.3
12 27	5 59.10	+31 16.0	1.523	2.498	3.8	17.3
1 6	5 47.76	+30 49.5	1.563	2.511	7.6	17.5
1 16	5 38.74	+30 14.8	1.629	2.523	11.6	17.8
1 26	5 32.89	+29 36.9	1.719	2.536	15.1	18.0

337720 2001 UU_{40} 12 22.7 42°.79 4°.8/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.36	+14 8.9	1.382	2.203	18.1	20.7
11 27	6 27.70	+13 29.5	1.319	2.212	14.2	20.4
12 7	6 20.05	+12 58.9	1.278	2.221	9.7	20.2
12 17	6 10.33	+12 39.5	1.260	2.230	5.7	20.0
12 27	5 59.91	+12 32.6	1.269	2.240	5.3	20.0
1 6	5 50.33	+12 38.5	1.304	2.250	9.0	20.2
1 16	5 42.85	+12 55.9	1.363	2.260	13.2	20.5
1 26	5 38.36	+13 22.5	1.444	2.271	17.0	20.8

350648 2001 TP_{146} 12 22.7 65°.56 1°.0/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.45	+19 58.1	1.401	2.222	18.0	20.8
11 27	6 30.70	+20 13.4	1.349	2.246	13.6	20.6
12 7	6 21.87	+20 33.6	1.319	2.269	8.6	20.4
12 17	6 10.95	+20 56.6	1.314	2.293	3.3	20.1
12 27	5 59.48	+21 19.8	1.337	2.317	2.5	20.1
1 6	5 49.04	+21 41.7	1.387	2.341	7.5	20.5
1 16	5 40.92	+22 2.2	1.462	2.365	12.1	20.8
1 26	5 35.94	+22 21.7	1.561	2.388	15.9	21.1

412490 2014 JZ_{18} 12 22.7 41°.19 3°.2/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.05	+16 41.9	1.502	2.322	17.0	20.4
11 27	6 27.32	+16 18.2	1.436	2.330	13.1	20.2
12 7	6 19.76	+16 0.7	1.391	2.338	8.7	20.0
12 17	6 10.22	+15 50.4	1.371	2.346	4.4	19.7
12 27	5 59.99	+15 47.7	1.379	2.354	3.9	19.7
1 6	5 50.53	+15 52.5	1.413	2.363	7.9	20.0
1 16	5 43.04	+16 4.4	1.473	2.372	12.2	20.2
1 26	5 38.39	+16 22.4	1.555	2.382	15.9	20.5

110817 2001 UP_{48} 12 22.7 283°.00 1°.6/22.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.99	+24 45.9	1.962	2.771	14.0	18.9
11 27	6 27.88	+25 36.2	1.874	2.764	10.7	18.6
12 7	6 20.14	+26 29.0	1.810	2.758	6.9	18.4
12 17	6 10.41	+27 20.5	1.774	2.752	2.9	18.1
12 27	5 59.77	+28 6.8	1.767	2.745	2.6	18.1
1 6	5 49.49	+28 45.1	1.790	2.739	6.6	18.4
1 16	5 40.78	+29 15.0	1.840	2.733	10.5	18.6
1 26	5 34.59	+29 37.6	1.914	2.727	14.0	18.8

76024 2000 DJ_{38} 12 22.7 290°.61 0°.3/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.75	+22 32.2	2.221	3.028	12.6	20.2
11 27	6 25.02	+22 32.5	2.126	3.015	9.7	20.0
12 7	6 18.11	+22 33.7	2.055	3.003	6.2	19.7
12 17	6 9.61	+22 34.6	2.011	2.990	2.3	19.5
12 27	6 0.42	+22 34.6	1.997	2.978	1.8	19.4
1 6	5 51.58	+22 33.5	2.013	2.965	5.7	19.6
1 16	5 44.06	+22 31.8	2.056	2.953	9.4	19.8
1 26	5 38.62	+22 30.5	2.125	2.940	12.7	20.0

265960 2006 BF_{274} 12 22.7 0°.42 4°.4/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.67	+34 15.2	1.861	2.669	14.7	20.0
11 27	6 27.83	+34 47.5	1.784	2.668	11.6	19.8
12 7	6 20.13	+35 12.6	1.730	2.667	8.1	19.6
12 17	6 10.39	+35 25.9	1.701	2.667	5.1	19.4
12 27	5 59.86	+35 24.3	1.700	2.667	4.8	19.4
1 6	5 49.98	+35 7.6	1.727	2.668	7.6	19.6
1 16	5 42.01	+34 38.7	1.780	2.669	11.1	19.8
1 26	5 36.86	+34 2.2	1.857	2.671	14.3	20.0

346888 2009 PB_{10} 12 22.7 51°.81 17°.0/27.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	7 0.81	+56 56.1	1.031	1.798	26.5	20.0
11 27	6 53.42	+57 54.8	0.982	1.806	23.5	19.9
12 7	6 38.05	+58 16.5	0.946	1.814	20.5	19.7
12 17	6 17.07	+57 41.6	0.927	1.822	18.1	19.6
12 27	5 55.24	+55 59.2	0.927	1.831	17.0	19.6
1 6	5 37.37	+53 17.3	0.948	1.841	17.9	19.6
1 16	5 26.08	+49 58.1	0.990	1.850	20.3	19.8
1 26	5 21.80	+46 26.9	1.050	1.860	23.1	20.1

119979 2002 WC_{19} 12 22.7 320°.25 0°.1/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 7.44	+20 22.9	39.120	39.914	0.9	20.8
11 27	6 6.68	+20 22.9	39.025	39.908	0.6	20.8
12 7	6 5.84	+20 23.2	38.956	39.902	0.4	20.7
12 17	6 4.94	+20 23.5	38.918	39.896	0.2	20.7
12 27	6 4.02	+20 24.0	38.910	39.890	0.1	20.7
1 6	6 3.12	+20 24.6	38.934	39.884	0.4	20.7
1 16	6 2.27	+20 25.3	38.987	39.878	0.6	20.8
1 26	6 1.50	+20 26.1	39.068	39.872	0.8	20.8

91276 1999 EH_{6} 12 22.7 176°.29 3°.2/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.91	+31 48.4	2.029	2.825	14.1	20.3
11 27	6 31.48	+32 11.7	1.948	2.828	10.9	20.1
12 7	6 22.30	+32 29.5	1.890	2.829	7.4	19.9
12 17	6 11.17	+32 37.6	1.860	2.831	4.0	19.7
12 27	5 59.30	+32 33.4	1.859	2.831	3.7	19.7
1 6	5 48.07	+32 17.0	1.888	2.831	6.9	19.9
1 16	5 38.67	+31 50.9	1.944	2.830	10.4	20.1
1 26	5 31.99	+31 19.4	2.025	2.829	13.6	20.3

191130 2002 FE_{35} 12 22.7 158°.58 0°.9/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.54	+25 58.2	3.188	3.975	9.6	21.1
11 27	6 25.64	+26 22.5	3.105	3.984	7.3	21.0
12 7	6 18.14	+26 46.0	3.049	3.992	4.7	20.8
12 17	6 9.55	+27 6.8	3.022	3.999	1.9	20.6
12 27	6 0.53	+27 23.6	3.027	4.006	1.6	20.6
1 6	5 51.85	+27 35.8	3.065	4.012	4.3	20.8
1 16	5 44.16	+27 43.6	3.133	4.017	6.9	21.0
1 26	5 38.04	+27 48.1	3.227	4.022	9.2	21.2

256969 2008 EA_{95} 12 22.7 341°.56 1°.9/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.67	+17 40.5	1.932	2.741	14.2	21.1
11 27	6 25.87	+17 41.5	1.851	2.740	10.9	20.9
12 7	6 18.70	+17 47.9	1.793	2.739	7.1	20.7
12 17	6 9.84	+17 59.1	1.762	2.738	3.2	20.4
12 27	6 0.30	+18 14.3	1.759	2.737	2.7	20.4
1 6	5 51.23	+18 32.7	1.785	2.736	6.5	20.6
1 16	5 43.67	+18 53.6	1.839	2.736	10.3	20.9
1 26	5 38.42	+19 16.5	1.917	2.735	13.7	21.1

310362 2011 UE_{288} 12 22.7 1°.65 5°.5/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.97	+14 52.1	1.432	2.257	17.4	19.6
11 27	6 25.87	+13 31.5	1.362	2.256	13.7	19.3
12 7	6 18.92	+12 15.4	1.313	2.255	9.6	19.1
12 17	6 9.94	+11 8.2	1.288	2.255	6.2	18.9
12 27	6 0.26	+10 14.7	1.290	2.256	6.1	18.9
1 6	5 51.30	+ 9 38.0	1.318	2.258	9.5	19.1
1 16	5 44.31	+ 9 19.0	1.370	2.261	13.6	19.3
1 26	5 40.16	+ 9 16.4	1.443	2.265	17.2	19.6

461005 2014 WE_{377} 12 22.7 126°.30 1°.8/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.52	+18 43.1	2.487	3.285	11.7	21.8
11 27	6 24.40	+18 19.8	2.407	3.290	9.0	21.6
12 7	6 17.46	+17 58.6	2.352	3.295	5.8	21.4
12 17	6 9.31	+17 39.8	2.325	3.300	2.7	21.2
12 27	6 0.74	+17 24.0	2.328	3.305	2.4	21.2
1 6	5 52.60	+17 11.6	2.362	3.310	5.4	21.4
1 16	5 45.67	+17 3.2	2.425	3.314	8.5	21.6
1 26	5 40.54	+16 59.1	2.513	3.319	11.2	21.8

430260 2013 WN_{35} 12 22.7 115°.71 0°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.68	+23 49.7	1.548	2.363	16.8	21.4
11 27	6 31.68	+24 3.3	1.481	2.374	12.8	21.2
12 7	6 22.58	+24 17.6	1.437	2.386	8.2	20.9
12 17	6 11.29	+24 29.8	1.418	2.397	3.0	20.7
12 27	5 59.26	+24 37.6	1.427	2.408	2.3	20.6
1 6	5 48.08	+24 40.5	1.465	2.418	7.4	21.0
1 16	5 39.11	+24 39.8	1.529	2.428	11.9	21.3
1 26	5 33.25	+24 37.8	1.616	2.438	15.7	21.5

276408 2002 XG_{116} 12 22.7 257°.10 3°.3/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.97	+14 47.7	1.636	2.447	16.3	20.5
11 27	6 28.06	+14 45.7	1.553	2.441	12.7	20.2
12 7	6 20.34	+14 52.7	1.492	2.435	8.6	20.0
12 17	6 10.52	+15 9.0	1.455	2.429	4.5	19.7
12 27	5 59.78	+15 33.9	1.447	2.422	3.9	19.7
1 6	5 49.52	+16 5.7	1.467	2.416	7.8	19.9
1 16	5 41.02	+16 42.9	1.513	2.410	12.1	20.1
1 26	5 35.27	+17 23.7	1.581	2.403	16.0	20.4

263210 2008 AN_{26} 12 22.7 315°.16 2°.8/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.46	+16 22.4	1.756	2.569	15.2	20.7
11 27	6 25.97	+16 10.1	1.672	2.562	11.8	20.5
12 7	6 18.91	+16 3.9	1.610	2.555	7.9	20.2
12 17	6 9.97	+16 4.4	1.574	2.548	3.9	20.0
12 27	6 0.23	+16 11.5	1.566	2.542	3.5	19.9
1 6	5 50.96	+16 24.8	1.586	2.536	7.3	20.2
1 16	5 43.31	+16 43.6	1.632	2.530	11.4	20.4
1 26	5 38.16	+17 7.1	1.701	2.524	15.0	20.6

294700 2008 BH_{4} 12 22.7 155°.14 0°.3/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.06	+23 5.4	2.104	2.908	13.4	21.3
11 27	6 27.55	+23 24.7	2.024	2.912	10.2	21.1
12 7	6 19.71	+23 45.4	1.968	2.915	6.5	20.9
12 17	6 10.21	+24 5.3	1.940	2.919	2.4	20.6
12 27	6 0.07	+24 22.7	1.941	2.922	1.8	20.6
1 6	5 50.42	+24 36.6	1.973	2.924	5.9	20.9
1 16	5 42.27	+24 47.2	2.032	2.927	9.6	21.1
1 26	5 36.41	+24 55.6	2.117	2.929	12.8	21.3

13243 1998 KZ_{47} 12 22.7 162°.57 1°.4/22.8 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.15	+18 30.9	1.728	2.535	15.7	18.0
11 27	6 30.30	+18 48.1	1.651	2.539	12.1	17.7
12 7	6 21.65	+19 11.3	1.597	2.543	7.8	17.5
12 17	6 10.98	+19 38.8	1.569	2.547	3.2	17.2
12 27	5 59.49	+20 8.4	1.570	2.549	2.5	17.2
1 6	5 48.59	+20 38.4	1.600	2.552	7.0	17.5
1 16	5 39.52	+21 7.8	1.658	2.554	11.3	17.7
1 26	5 33.20	+21 36.6	1.739	2.555	15.0	18.0

326207 2012 CH_{25} 12 22.7 173°.30 0°.9/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.82	+20 34.7	2.840	3.632	10.6	21.3
11 27	6 25.20	+20 23.5	2.754	3.635	8.1	21.2
12 7	6 17.91	+20 13.2	2.693	3.637	5.2	21.0
12 17	6 9.48	+20 3.6	2.662	3.639	2.1	20.8
12 27	6 0.65	+19 54.7	2.662	3.641	1.7	20.7
1 6	5 52.18	+19 46.6	2.693	3.642	4.7	21.0
1 16	5 44.79	+19 39.9	2.755	3.643	7.7	21.2
1 26	5 39.06	+19 35.3	2.842	3.643	10.2	21.3

310999 2003 WF_{150} 12 22.7 102°.84 1°.6/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.27	+26 29.0	2.580	3.373	11.5	20.3
11 27	6 27.29	+27 15.4	2.511	3.393	8.7	20.1
12 7	6 19.34	+28 1.2	2.468	3.411	5.6	20.0
12 17	6 10.03	+28 43.2	2.454	3.430	2.5	19.8
12 27	6 0.24	+29 19.0	2.471	3.448	2.3	19.8
1 6	5 50.90	+29 47.2	2.520	3.466	5.2	20.0
1 16	5 42.85	+30 7.9	2.598	3.483	8.2	20.3
1 26	5 36.77	+30 22.5	2.702	3.501	10.7	20.5

106910 2000 YF_{49} 12 22.7 212°.83 1°.3/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.80	+18 37.3	1.600	2.412	16.5	19.6
11 27	6 30.37	+18 57.9	1.518	2.409	12.7	19.4
12 7	6 21.90	+19 25.7	1.457	2.405	8.2	19.1
12 17	6 11.14	+19 58.5	1.422	2.400	3.3	18.8
12 27	5 59.36	+20 33.9	1.416	2.396	2.6	18.7
1 6	5 48.09	+21 9.4	1.438	2.391	7.5	19.0
1 16	5 38.74	+21 43.9	1.486	2.385	12.2	19.3
1 26	5 32.35	+22 17.0	1.558	2.380	16.2	19.5

137488 1999 UG_{44} 12 22.7 54°.53 1°.4/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.12	+22 18.9	1.249	2.080	19.1	19.6
11 27	6 30.83	+21 47.2	1.194	2.095	14.6	19.4
12 7	6 22.13	+21 15.9	1.159	2.111	9.3	19.2
12 17	6 11.12	+20 44.9	1.148	2.127	3.6	18.9
12 27	5 59.50	+20 15.3	1.163	2.143	2.9	18.9
1 6	5 49.05	+19 48.9	1.205	2.160	8.3	19.3
1 16	5 41.15	+19 27.9	1.271	2.177	13.2	19.6
1 26	5 36.67	+19 13.8	1.358	2.194	17.4	19.9

119890 2002 CD_{258} 12 22.7 128°.84 1°.0/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.33	+20 11.4	2.217	3.019	12.8	20.7
11 27	6 26.04	+20 13.4	2.139	3.026	9.8	20.5
12 7	6 18.65	+20 18.0	2.085	3.032	6.2	20.3
12 17	6 9.80	+20 24.4	2.060	3.038	2.5	20.1
12 27	6 0.43	+20 31.6	2.064	3.043	1.9	20.0
1 6	5 51.54	+20 39.5	2.098	3.049	5.7	20.3
1 16	5 44.02	+20 47.9	2.160	3.054	9.2	20.5
1 26	5 38.59	+20 57.2	2.247	3.059	12.2	20.7

330189 2006 DE_{78} 12 22.7 180°.73 0°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.10	+21 28.3	2.635	3.432	11.2	22.1
11 27	6 24.85	+21 31.7	2.548	3.432	8.5	21.9
12 7	6 17.79	+21 36.4	2.487	3.433	5.4	21.7
12 17	6 9.48	+21 41.6	2.454	3.433	2.1	21.5
12 27	6 0.67	+21 46.5	2.452	3.432	1.6	21.4
1 6	5 52.23	+21 50.9	2.481	3.432	4.9	21.7
1 16	5 44.93	+21 54.9	2.539	3.431	8.1	21.9
1 26	5 39.39	+21 59.3	2.623	3.430	10.8	22.0

269306 2008 SD_{130} 12 22.7 237°.44 2°.8/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.77	+31 48.9	2.507	3.303	11.7	20.9
11 27	6 26.44	+32 14.5	2.419	3.298	9.1	20.7
12 7	6 18.96	+32 35.8	2.354	3.293	6.2	20.5
12 17	6 9.95	+32 49.8	2.318	3.287	3.5	20.3
12 27	6 0.31	+32 54.4	2.311	3.282	3.2	20.3
1 6	5 51.07	+32 49.1	2.334	3.277	5.8	20.5
1 16	5 43.16	+32 35.4	2.386	3.271	8.8	20.7
1 26	5 37.34	+32 15.8	2.463	3.265	11.5	20.8

171175 2005 GZ_{170} 12 22.7 3°.33 0°.2/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.97	+24 2.2	1.551	2.376	16.3	20.0
11 27	6 27.47	+24 0.1	1.476	2.375	12.5	19.8
12 7	6 20.00	+23 57.8	1.424	2.375	8.0	19.5
12 17	6 10.40	+23 53.6	1.396	2.376	3.0	19.2
12 27	6 0.00	+23 46.5	1.396	2.376	2.2	19.2
1 6	5 50.29	+23 36.7	1.423	2.378	7.3	19.5
1 16	5 42.58	+23 25.8	1.475	2.380	11.8	19.7
1 26	5 37.80	+23 15.7	1.550	2.382	15.7	20.0

472007 2013 WA_{66} 12 22.7 56°.00 0°.4/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.98	+19 36.3	1.176	2.007	20.1	20.6
11 27	6 32.37	+20 19.6	1.132	2.033	15.2	20.4
12 7	6 23.16	+21 10.4	1.107	2.059	9.6	20.1
12 17	6 11.53	+22 4.0	1.107	2.086	3.6	19.9
12 27	5 59.24	+22 55.4	1.133	2.114	2.6	19.9
1 6	5 48.21	+23 41.0	1.185	2.141	8.3	20.3
1 16	5 39.90	+24 19.9	1.262	2.168	13.3	20.7
1 26	5 35.20	+24 53.0	1.360	2.196	17.3	21.0

50230 2000 AT_{244} 12 22.7 357°.89 1°.6/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.09	+20 29.9	2.036	2.846	13.5	18.3
11 27	6 25.28	+19 58.4	1.955	2.845	10.3	18.1
12 7	6 18.25	+19 27.7	1.898	2.845	6.7	17.9
12 17	6 9.68	+18 58.2	1.867	2.844	2.9	17.6
12 27	6 0.56	+18 30.9	1.866	2.844	2.5	17.6
1 6	5 51.96	+18 7.0	1.894	2.844	6.2	17.8
1 16	5 44.83	+17 47.7	1.949	2.845	9.9	18.1
1 26	5 39.90	+17 33.8	2.029	2.845	13.2	18.3

493376 2014 WK_{107} 12 22.7 98°.94 3°.7/22.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.82	+33 50.4	2.292	3.086	12.7	21.6
11 27	6 28.11	+34 23.9	2.219	3.095	9.9	21.4
12 7	6 20.05	+34 51.4	2.170	3.105	6.9	21.3
12 17	6 10.35	+35 8.9	2.149	3.114	4.3	21.1
12 27	6 0.07	+35 14.1	2.156	3.123	4.0	21.1
1 6	5 50.36	+35 6.7	2.194	3.131	6.5	21.3
1 16	5 42.25	+34 48.7	2.259	3.140	9.4	21.5
1 26	5 36.49	+34 23.7	2.348	3.149	12.1	21.7

363982 2005 UO_{207} 12 22.7 158°.07 0°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.10	+24 16.4	2.144	2.950	13.1	21.7
11 27	6 26.82	+24 31.0	2.063	2.952	10.0	21.5
12 7	6 19.25	+24 45.9	2.006	2.953	6.4	21.3
12 17	6 10.08	+24 59.0	1.976	2.955	2.4	21.0
12 27	6 0.27	+25 8.7	1.976	2.956	1.9	21.0
1 6	5 50.94	+25 14.6	2.006	2.957	5.8	21.2
1 16	5 43.08	+25 17.0	2.063	2.958	9.5	21.5
1 26	5 37.46	+25 17.5	2.146	2.959	12.6	21.7

376068 2010 JQ_{5} 12 22.7 323°.78 7°.4/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.75	+45 24.7	2.258	3.023	13.8	20.2
11 27	6 30.89	+46 3.6	2.175	3.017	11.5	20.0
12 7	6 22.09	+46 29.0	2.115	3.011	9.3	19.8
12 17	6 11.17	+46 34.9	2.080	3.006	7.7	19.7
12 27	5 59.46	+46 17.7	2.072	3.000	7.5	19.7
1 6	5 48.47	+45 37.7	2.092	2.995	8.9	19.8
1 16	5 39.50	+44 39.0	2.137	2.990	11.1	19.9
1 26	5 33.45	+43 27.9	2.206	2.985	13.5	20.1

236243 2005 YQ_{76} 12 22.7 309°.10 1°.2/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.80	+24 46.1	1.460	2.287	17.0	20.7
11 27	6 28.61	+25 9.8	1.373	2.273	13.2	20.4
12 7	6 21.08	+25 35.2	1.307	2.258	8.5	20.1
12 17	6 10.94	+25 58.8	1.265	2.244	3.4	19.8
12 27	5 59.56	+26 17.2	1.250	2.230	2.7	19.7
1 6	5 48.65	+26 28.7	1.262	2.217	8.0	20.0
1 16	5 39.83	+26 33.9	1.299	2.204	13.1	20.2
1 26	5 34.28	+26 35.3	1.357	2.192	17.4	20.5

403614 2010 RB_{101} 12 22.7 158.°43 5.°0/22.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.56	+38 16.6	2.350	3.129	12.9	22.1
11 27	6 31.06	+38 55.1	2.272	3.134	10.3	21.9
12 7	6 21.98	+39 24.8	2.219	3.139	7.6	21.8
12 17	6 11.09	+39 40.8	2.192	3.144	5.5	21.6
12 27	5 59.53	+39 40.1	2.195	3.148	5.3	21.6
1 6	5 48.59	+39 22.7	2.227	3.152	7.2	21.8
1 16	5 39.39	+38 51.5	2.287	3.156	9.9	21.9
1 26	5 32.75	+38 11.0	2.372	3.158	12.4	22.1

414322 2008 RP_{141} 12 22.7 25.°14 0.°9/22.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.29	+25 30.3	1.823	2.642	14.5	21.3
11 27	6 25.73	+25 40.0	1.755	2.650	11.0	21.1
12 7	6 18.66	+25 48.6	1.709	2.659	7.0	20.9
12 17	6 9.86	+25 54.2	1.690	2.669	2.7	20.7
12 27	6 0.47	+25 55.3	1.699	2.679	2.1	20.6
1 6	5 51.73	+25 51.8	1.736	2.690	6.4	20.9
1 16	5 44.71	+25 44.9	1.800	2.701	10.3	21.2
1 26	5 40.20	+25 36.5	1.887	2.713	13.6	21.4

271344 2003 WB_{112} 12 22.7 341.°76 0.°3/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.84	+25 34.0	2.163	2.971	12.9	20.3
11 27	6 25.81	+25 15.8	2.079	2.968	9.9	20.1
12 7	6 18.58	+24 55.1	2.018	2.966	6.3	19.9
12 17	6 9.81	+24 31.0	1.985	2.964	2.4	19.6
12 27	6 0.50	+24 3.5	1.982	2.962	1.8	19.6
1 6	5 51.70	+23 33.8	2.008	2.961	5.7	19.8
1 16	5 44.36	+23 3.8	2.062	2.959	9.4	20.0
1 26	5 39.21	+22 35.6	2.141	2.958	12.6	20.3

398069 2009 HC_{97} 12 22.7 177.°38 19.°0/23.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.49	−14 27.0	1.317	2.034	24.0	21.0
11 27	6 31.13	−16 34.2	1.264	2.036	22.1	20.8
12 7	6 22.46	−18 7.5	1.226	2.037	20.3	20.7
12 17	6 11.37	−18 54.9	1.205	2.038	19.2	20.6
12 27	5 59.32	−18 48.5	1.202	2.038	19.0	20.6
1 6	5 48.01	−17 48.5	1.219	2.038	19.9	20.7
1 16	5 38.92	−16 2.1	1.253	2.037	21.4	20.8
1 26	5 33.11	−13 41.5	1.303	2.035	23.3	20.9

66061 1998 QN_{104} 12 22.7 148.°81 3.°0/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.33	+30 8.3	1.891	2.689	14.8	20.2
11 27	6 32.67	+30 42.2	1.817	2.699	11.5	20.0
12 7	6 23.13	+31 12.1	1.767	2.708	7.6	19.7
12 17	6 11.54	+31 33.3	1.744	2.717	3.9	19.5
12 27	5 59.21	+31 42.6	1.751	2.724	3.6	19.5
1 6	5 47.59	+31 39.6	1.787	2.731	7.1	19.8
1 16	5 37.95	+31 26.5	1.850	2.738	10.8	20.0
1 26	5 31.19	+31 7.3	1.938	2.743	14.1	20.2

432280 2009 SG_{167} 12 22.7 103.°79 2.°3/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.50	+18 6.7	1.554	2.366	16.9	21.9
11 27	6 30.59	+17 55.2	1.491	2.381	13.0	21.7
12 7	6 21.80	+17 48.9	1.449	2.396	8.4	21.5
12 17	6 11.03	+17 47.4	1.434	2.410	3.8	21.2
12 27	5 59.64	+17 50.3	1.447	2.424	3.2	21.2
1 6	5 49.10	+17 57.3	1.487	2.438	7.5	21.5
1 16	5 40.64	+18 8.2	1.554	2.452	11.9	21.8
1 26	5 35.09	+18 22.8	1.644	2.465	15.5	22.1

518673 2008 TN_{190} 12 22.7 317.°06 4.°5/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.49	+13 31.1	1.533	2.348	17.0	21.4
11 27	6 27.06	+13 6.7	1.454	2.342	13.3	21.1
12 7	6 19.77	+12 51.5	1.396	2.337	9.2	20.9
12 17	6 10.37	+12 47.1	1.362	2.332	5.4	20.7
12 27	6 0.08	+12 54.5	1.355	2.326	5.0	20.6
1 6	5 50.33	+13 13.2	1.375	2.322	8.6	20.8
1 16	5 42.42	+13 41.8	1.420	2.317	12.8	21.0
1 26	5 37.31	+14 18.1	1.488	2.313	16.7	21.3

322977 2002 MY_{4} 12 22.7 99.°66 5.°2/23.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.84	+10 19.9	1.625	2.419	17.1	21.3
11 27	6 30.52	+ 9 57.3	1.569	2.443	13.4	21.1
12 7	6 21.58	+ 9 46.8	1.536	2.467	9.5	20.9
12 17	6 10.91	+ 9 49.8	1.527	2.490	6.1	20.8
12 27	5 59.77	+10 6.5	1.547	2.512	5.6	20.8
1 6	5 49.48	+10 35.4	1.595	2.533	8.4	21.0
1 16	5 41.15	+11 13.9	1.670	2.554	12.0	21.3
1 26	5 35.51	+11 59.2	1.768	2.574	15.2	21.5

50498 2000 DU_{95} 12 22.7 161.°72 1.°1/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.97	+19 10.1	2.378	3.172	12.3	19.4
11 27	6 27.16	+19 16.7	2.297	3.178	9.4	19.2
12 7	6 19.33	+19 26.6	2.240	3.184	6.0	19.0
12 17	6 10.09	+19 38.8	2.212	3.189	2.5	18.8
12 27	6 0.32	+19 52.3	2.214	3.193	2.0	18.8
1 6	5 50.98	+20 6.6	2.248	3.197	5.5	19.0
1 16	5 42.95	+20 21.3	2.310	3.200	8.8	19.2
1 26	5 36.90	+20 36.6	2.398	3.203	11.7	19.4

190220 2006 CC_{54} 12 22.7 140.°79 4.°4/22.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.38	+35 20.5	2.318	3.108	12.7	20.1
11 27	6 28.69	+36 8.7	2.239	3.111	10.0	20.0
12 7	6 20.53	+36 50.7	2.185	3.114	7.2	19.8
12 17	6 10.59	+37 21.9	2.158	3.117	4.9	19.7
12 27	5 59.94	+37 38.9	2.160	3.120	4.7	19.6
1 6	5 49.78	+37 40.9	2.192	3.123	6.9	19.8
1 16	5 41.21	+37 29.8	2.251	3.125	9.7	20.0
1 26	5 35.05	+37 9.1	2.334	3.128	12.4	20.2

90865 1996 RC_{11} 12 22.7 210.°77 0.°7/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.47	+24 51.1	1.989	2.793	14.0	20.8
11 27	6 29.65	+25 3.1	1.900	2.788	10.8	20.6
12 7	6 21.22	+25 14.8	1.835	2.782	6.9	20.4
12 17	6 10.88	+25 23.8	1.797	2.775	2.7	20.1
12 27	5 59.72	+25 28.3	1.788	2.768	2.1	20.0
1 6	5 49.04	+25 27.8	1.809	2.761	6.4	20.3
1 16	5 39.99	+25 23.3	1.859	2.753	10.4	20.5
1 26	5 33.48	+25 17.0	1.932	2.744	13.9	20.7

168731 2000 OF_{55} 12 22.7 141.°00 0.°8/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.42	+25 6.1	1.483	2.300	17.4	20.5
11 27	6 32.50	+25 12.4	1.412	2.306	13.3	20.2
12 7	6 23.26	+25 17.7	1.363	2.312	8.5	20.0
12 17	6 11.65	+25 19.2	1.339	2.318	3.2	19.7
12 27	5 59.19	+25 14.9	1.343	2.323	2.5	19.6
1 6	5 47.59	+25 4.8	1.374	2.328	7.7	20.0
1 16	5 38.31	+24 51.3	1.432	2.332	12.4	20.3
1 26	5 32.32	+24 37.3	1.512	2.337	16.5	20.5

81399 2000 GY_{84} 12 22.7 104.°82 2.°4/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.26	+14 38.3	2.066	2.861	13.9	19.3
11 27	6 27.55	+14 57.6	1.997	2.877	10.7	19.1
12 7	6 19.64	+15 24.9	1.952	2.892	7.1	18.9
12 17	6 10.22	+15 59.0	1.934	2.907	3.5	18.7
12 27	6 0.27	+16 38.5	1.946	2.922	2.9	18.7
1 6	5 50.87	+17 21.1	1.989	2.937	6.2	18.9
1 16	5 42.94	+18 5.2	2.059	2.951	9.7	19.2
1 26	5 37.21	+18 49.5	2.155	2.965	12.7	19.4

291107 2005 YR_{166} 12 22.7 243.°82 2.°4/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.65	+16 43.6	1.937	2.739	14.4	21.1
11 27	6 28.31	+16 38.3	1.841	2.725	11.2	20.9
12 7	6 20.42	+16 38.7	1.768	2.711	7.5	20.6
12 17	6 10.61	+16 44.6	1.721	2.696	3.6	20.4
12 27	5 59.91	+16 55.8	1.704	2.680	3.1	20.3
1 6	5 49.54	+17 11.5	1.716	2.664	6.9	20.5
1 16	5 40.66	+17 31.2	1.755	2.648	11.0	20.7
1 26	5 34.19	+17 54.4	1.819	2.631	14.6	20.9

418746 2008 UC_{157} 12 22.7 97.°25 2.°8/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.67	+30 25.7	2.425	3.223	12.0	20.9
11 27	6 26.43	+31 6.6	2.343	3.225	9.2	20.7
12 7	6 19.00	+31 44.7	2.286	3.227	6.2	20.5
12 17	6 10.02	+32 16.5	2.258	3.229	3.4	20.3
12 27	6 0.39	+32 39.3	2.259	3.230	3.2	20.3
1 6	5 51.18	+32 52.1	2.290	3.232	5.9	20.5
1 16	5 43.32	+32 55.7	2.349	3.234	8.9	20.7
1 26	5 37.58	+32 52.2	2.433	3.236	11.7	20.9

226642 2004 FZ_{64} 12 22.7 195.°46 4.°1/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.01	+13 50.4	1.752	2.554	15.7	20.5
11 27	6 28.59	+13 22.7	1.671	2.553	12.3	20.3
12 7	6 20.56	+13 2.4	1.613	2.551	8.5	20.1
12 17	6 10.63	+12 50.9	1.580	2.549	4.9	19.8
12 27	5 59.95	+12 49.2	1.576	2.547	4.6	19.8
1 6	5 49.80	+12 57.2	1.601	2.544	7.9	20.0
1 16	5 41.35	+13 14.4	1.651	2.540	11.8	20.2
1 26	5 35.46	+13 39.2	1.725	2.537	15.3	20.5

483522 2003 SE_{64} 12 22.7 53.°26 3.°2/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.31	+15 17.8	1.426	2.244	17.9	21.0
11 27	6 28.93	+15 13.3	1.378	2.270	13.7	20.8
12 7	6 20.70	+15 17.9	1.352	2.297	9.0	20.6
12 17	6 10.61	+15 31.5	1.350	2.324	4.5	20.4
12 27	6 0.05	+15 52.8	1.375	2.351	3.9	20.4
1 6	5 50.49	+16 20.1	1.428	2.378	7.8	20.7
1 16	5 43.07	+16 51.8	1.506	2.406	12.0	21.0
1 26	5 38.55	+17 26.2	1.607	2.433	15.5	21.3

42033 2000 YH_{95} 12 22.7 78.°61 0.°0/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.64	+22 53.8	1.691	2.499	15.9	19.1
11 27	6 31.15	+23 5.1	1.639	2.529	12.0	18.9
12 7	6 21.98	+23 17.3	1.610	2.558	7.6	18.7
12 17	6 11.06	+23 28.2	1.608	2.587	2.8	18.5
12 27	5 59.73	+23 36.1	1.635	2.616	2.1	18.5
1 6	5 49.36	+23 40.7	1.691	2.644	6.6	18.9
1 16	5 41.05	+23 42.9	1.775	2.672	10.6	19.2
1 26	5 35.51	+23 44.4	1.882	2.699	14.0	19.4

335193 2005 EV_{36} 12 22.7 220°.45 0°.1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.34	+24 39.3	2.810	3.605	10.6	20.9
11 27	6 24.99	+24 27.4	2.715	3.598	8.1	20.7
12 7	6 17.89	+24 14.0	2.645	3.591	5.1	20.5
12 17	6 9.57	+23 58.3	2.605	3.584	1.9	20.3
12 27	6 0.79	+23 40.3	2.595	3.576	1.4	20.2
1 6	5 52.35	+23 20.4	2.617	3.568	4.7	20.5
1 16	5 45.01	+22 59.7	2.669	3.560	7.8	20.6
1 26	5 39.38	+22 39.8	2.746	3.551	10.4	20.8

275663 2000 LO_{23} 12 22.7 258°.72 3°.6/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.65	+ 8 50.6	2.969	3.737	10.7	20.6
11 27	6 24.44	+ 8 56.9	2.855	3.714	8.6	20.4
12 7	6 17.59	+ 9 11.9	2.767	3.689	6.2	20.2
12 17	6 9.50	+ 9 36.3	2.707	3.665	4.1	20.1
12 27	6 0.81	+10 9.9	2.678	3.640	3.8	20.0
1 6	5 52.24	+10 51.7	2.681	3.614	5.7	20.1
1 16	5 44.50	+11 40.2	2.713	3.588	8.3	20.2
1 26	5 38.22	+12 33.6	2.772	3.561	10.8	20.3

516810 2010 MR_{12} 12 22.7 169°.99 3°.3/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.22	+33 28.8	2.412	3.199	12.4	22.2
11 27	6 29.84	+33 49.4	2.329	3.203	9.6	22.0
12 7	6 21.13	+34 3.8	2.272	3.206	6.6	21.8
12 17	6 10.81	+34 8.6	2.242	3.209	3.9	21.6
12 27	5 59.90	+34 1.7	2.242	3.211	3.6	21.6
1 6	5 49.53	+33 43.3	2.273	3.213	6.1	21.8
1 16	5 40.73	+33 15.7	2.332	3.214	9.2	22.0
1 26	5 34.23	+32 42.4	2.417	3.214	11.9	22.2

185866 2000 HL_{92} 12 22.7 246°.68 4°.5/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.16	+ 9 38.3	2.095	2.882	14.0	20.1
11 27	6 26.14	+ 9 33.1	2.002	2.872	11.2	19.9
12 7	6 18.91	+ 9 38.8	1.933	2.861	8.0	19.7
12 17	6 10.04	+ 9 56.5	1.890	2.851	5.2	19.5
12 27	6 0.43	+10 26.3	1.876	2.840	4.8	19.4
1 6	5 51.14	+11 6.9	1.891	2.828	7.3	19.6
1 16	5 43.13	+11 56.1	1.934	2.817	10.6	19.8
1 26	5 37.23	+12 51.4	2.001	2.805	13.8	19.9

215976 2005 QU_{120} 12 22.7 177°.75 1°.1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.06	+26 12.5	2.072	2.878	13.5	21.1
11 27	6 27.67	+26 23.6	1.990	2.879	10.3	20.8
12 7	6 19.88	+26 33.3	1.932	2.879	6.6	20.6
12 17	6 10.38	+26 39.2	1.901	2.879	2.7	20.4
12 27	6 0.21	+26 39.8	1.900	2.879	2.1	20.3
1 6	5 50.57	+26 34.9	1.928	2.879	6.0	20.6
1 16	5 42.49	+26 25.8	1.984	2.879	9.8	20.8
1 26	5 36.79	+26 14.5	2.064	2.879	13.0	21.0

342009 2008 RJ_{47} 12 22.7 109°.89 1°.4/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.95	+19 29.9	1.851	2.652	15.0	21.7
11 27	6 30.48	+19 27.9	1.788	2.674	11.4	21.5
12 7	6 21.54	+19 29.3	1.749	2.695	7.3	21.3
12 17	6 10.93	+19 33.1	1.738	2.715	3.0	21.1
12 27	5 59.85	+19 38.3	1.756	2.735	2.4	21.1
1 6	5 49.55	+19 44.7	1.804	2.754	6.5	21.4
1 16	5 41.05	+19 52.4	1.879	2.773	10.4	21.6
1 26	5 35.11	+20 1.9	1.979	2.790	13.6	21.9

450681 2006 VJ_{64} 12 22.7 100°.53 2°.9/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.97	+29 6.8	2.113	2.910	13.6	21.4
11 27	6 30.61	+30 7.4	2.048	2.929	10.4	21.3
12 7	6 21.72	+31 5.9	2.008	2.948	6.9	21.1
12 17	6 11.06	+31 57.3	1.996	2.967	3.7	20.9
12 27	5 59.76	+32 37.7	2.014	2.986	3.5	20.9
1 6	5 49.05	+33 5.5	2.062	3.004	6.5	21.2
1 16	5 40.05	+33 21.6	2.138	3.021	9.8	21.4
1 26	5 33.56	+33 28.6	2.239	3.038	12.7	21.6

325603 2009 SB_{198} 12 22.7 52°.80 5°.3/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.17	+37 39.5	2.060	2.852	14.0	20.5
11 27	6 29.56	+38 17.4	1.987	2.858	11.2	20.4
12 7	6 21.20	+38 46.0	1.937	2.863	8.2	20.2
12 17	6 10.89	+39 0.5	1.914	2.869	5.8	20.1
12 27	5 59.89	+38 57.5	1.918	2.875	5.5	20.1
1 6	5 49.58	+38 37.2	1.951	2.881	7.7	20.2
1 16	5 41.15	+38 2.9	2.010	2.887	10.6	20.4
1 26	5 35.48	+37 19.6	2.093	2.893	13.4	20.6

145191 2005 JG_{27} 12 22.7 170°.79 3°.9/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.75	+12 54.1	2.131	2.924	13.6	20.5
11 27	6 26.40	+12 23.1	2.051	2.926	10.7	20.3
12 7	6 18.95	+11 58.8	1.994	2.928	7.4	20.1
12 17	6 10.02	+11 42.5	1.965	2.930	4.6	19.9
12 27	6 0.54	+11 35.4	1.965	2.931	4.3	19.9
1 6	5 51.53	+11 37.5	1.994	2.932	7.0	20.1
1 16	5 43.89	+11 48.5	2.050	2.933	10.2	20.2
1 26	5 38.32	+12 7.2	2.131	2.933	13.1	20.4

21352 1997 EB_{57} 12 22.7 91°.58 1°.1/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.21	+20 4.6	2.159	2.963	13.1	18.8
11 27	6 25.99	+20 4.2	2.086	2.973	9.9	18.6
12 7	6 18.67	+20 6.4	2.037	2.984	6.4	18.4
12 17	6 9.91	+20 10.5	2.016	2.994	2.6	18.2
12 27	6 0.64	+20 15.9	2.024	3.004	2.0	18.2
1 6	5 51.91	+20 22.1	2.062	3.013	5.7	18.4
1 16	5 44.59	+20 29.3	2.128	3.023	9.2	18.7
1 26	5 39.38	+20 37.7	2.219	3.033	12.3	18.9

115232 2003 SE_{145} 12 22.7 336°.84 9°.7/22.3 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.41	+46 56.0	1.863	2.637	15.9	19.0
11 27	6 31.63	+48 9.4	1.783	2.625	13.6	18.8
12 7	6 23.14	+49 8.4	1.725	2.614	11.4	18.7
12 17	6 11.79	+49 44.1	1.689	2.604	9.9	18.6
12 27	5 59.17	+49 50.2	1.679	2.594	9.9	18.5
1 6	5 47.26	+49 25.6	1.693	2.585	11.4	18.6
1 16	5 37.81	+48 34.6	1.732	2.577	13.7	18.7
1 26	5 32.04	+47 25.1	1.791	2.569	16.2	18.9

102670 1999 VT_{62} 12 22.7 350°.39 5°.7/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.79	+32 5.4	1.421	2.246	17.5	18.7
11 27	6 29.74	+33 27.8	1.347	2.241	13.8	18.5
12 7	6 22.02	+34 47.9	1.295	2.237	9.7	18.2
12 17	6 11.40	+35 57.3	1.267	2.233	6.3	18.0
12 27	5 59.45	+36 48.2	1.265	2.230	6.3	18.0
1 6	5 48.11	+37 16.9	1.288	2.228	9.8	18.2
1 16	5 39.16	+37 25.0	1.336	2.227	13.9	18.5
1 26	5 33.87	+37 17.8	1.405	2.227	17.6	18.7

331463 2012 HF_{30} 12 22.7 309°.38 2°.9/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.71	+29 27.4	2.160	2.963	13.1	20.8
11 27	6 27.55	+30 17.7	2.076	2.961	10.1	20.6
12 7	6 19.93	+31 6.5	2.016	2.959	6.8	20.4
12 17	6 10.47	+31 49.4	1.984	2.956	3.6	20.2
12 27	6 0.22	+32 23.0	1.981	2.954	3.5	20.2
1 6	5 50.36	+32 45.4	2.008	2.952	6.5	20.4
1 16	5 42.01	+32 57.1	2.062	2.949	9.9	20.6
1 26	5 36.03	+33 0.5	2.141	2.947	12.9	20.8

283822 2003 SB_{340} 12 22.7 104°.23 2°.8/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.49	+28 31.6	1.958	2.757	14.4	21.0
11 27	6 31.90	+29 29.6	1.895	2.778	11.0	20.8
12 7	6 22.61	+30 25.6	1.856	2.798	7.3	20.6
12 17	6 11.43	+31 14.5	1.845	2.818	3.7	20.4
12 27	5 59.58	+31 52.2	1.864	2.837	3.5	20.5
1 6	5 48.43	+32 17.1	1.913	2.856	6.8	20.7
1 16	5 39.14	+32 30.3	1.989	2.875	10.3	20.9
1 26	5 32.57	+32 34.8	2.090	2.892	13.3	21.2

210853 2001 QJ_{290} 12 22.7 125°.99 0°.1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.76	+23 33.4	2.124	2.926	13.3	21.3
11 27	6 28.00	+23 36.9	2.050	2.937	10.1	21.1
12 7	6 19.99	+23 40.5	2.000	2.947	6.4	20.9
12 17	6 10.43	+23 42.7	1.978	2.956	2.4	20.7
12 27	6 0.34	+23 42.4	1.985	2.966	1.8	20.7
1 6	5 50.82	+23 39.5	2.023	2.975	5.8	21.0
1 16	5 42.85	+23 35.1	2.089	2.984	9.4	21.2
1 26	5 37.14	+23 30.4	2.180	2.992	12.5	21.4

224037 2005 MP_{3} 12 22.7 125°.80 4°.9/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.01	+11 3.6	1.820	2.610	15.7	20.7
11 27	6 29.78	+10 33.7	1.755	2.627	12.4	20.6
12 7	6 21.13	+10 13.4	1.712	2.643	8.7	20.4
12 17	6 10.84	+10 4.6	1.696	2.658	5.6	20.2
12 27	6 0.05	+10 8.0	1.709	2.673	5.2	20.2
1 6	5 49.95	+10 23.1	1.751	2.687	7.9	20.4
1 16	5 41.57	+10 48.3	1.820	2.700	11.3	20.7
1 26	5 35.66	+11 21.5	1.912	2.713	14.4	20.9

176278 2001 RH_{147} 12 22.7 92°.79 0°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.61	+24 14.2	1.958	2.764	14.1	20.0
11 27	6 28.71	+23 40.3	1.886	2.775	10.8	19.8
12 7	6 20.44	+23 3.9	1.838	2.785	6.8	19.6
12 17	6 10.58	+22 25.1	1.817	2.796	2.6	19.3
12 27	6 0.27	+21 44.7	1.826	2.806	2.0	19.3
1 6	5 50.67	+21 4.8	1.865	2.816	6.2	19.6
1 16	5 42.79	+20 27.7	1.931	2.827	10.0	19.8
1 26	5 37.34	+19 55.4	2.022	2.837	13.3	20.1

114471 2003 AM_{40} 12 22.7 42°.58 8°.0/23.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.74	+ 6 30.5	1.103	1.923	21.8	18.7
11 27	6 28.99	+ 6 4.0	1.066	1.950	17.5	18.5
12 7	6 20.96	+ 5 59.7	1.047	1.978	12.9	18.3
12 17	6 10.80	+ 6 20.3	1.049	2.007	9.0	18.2
12 27	6 0.17	+ 7 4.8	1.075	2.036	8.2	18.3
1 6	5 50.75	+ 8 8.6	1.126	2.066	10.9	18.5
1 16	5 43.84	+ 9 25.2	1.200	2.096	14.7	18.8
1 26	5 40.23	+10 47.8	1.294	2.127	18.2	19.1

340977 2007 EK_{167} 12 22.7 214°.52 5°.4/22.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 40.23	+36 26.3	2.069	2.855	14.2	21.4
11 27	6 33.70	+37 23.6	1.980	2.847	11.4	21.2
12 7	6 24.09	+38 14.3	1.913	2.839	8.3	21.0
12 17	6 12.11	+38 51.9	1.874	2.830	5.8	20.8
12 27	5 59.04	+39 11.3	1.864	2.820	5.7	20.8
1 6	5 46.43	+39 11.0	1.882	2.809	8.2	20.9
1 16	5 35.71	+38 53.3	1.928	2.798	11.4	21.1
1 26	5 27.95	+38 23.5	1.998	2.786	14.4	21.2

322695 1999 XA_{139} 12 22.7 66°.87 0°.9/22.9 18

11 17	6 31.22	+18 48.6	2.115	2.919	13.3	20.2
11 27	6 26.11	+19 16.4	2.042	2.929	10.1	20.0
12 7	6 18.83	+19 49.2	1.993	2.939	6.5	19.8
12 17	6 10.02	+20 25.4	1.972	2.950	2.6	19.6
12 27	6 0.65	+21 2.8	1.980	2.960	1.9	19.6
1 6	5 51.75	+21 39.6	2.019	2.971	5.7	19.8
1 16	5 44.26	+22 14.7	2.085	2.982	9.3	20.1
1 26	5 38.92	+22 47.7	2.177	2.992	12.4	20.3

266015 2006 EC_{42} 12 22.7 359°.40 0°.1/22.7 17

11 17	6 30.28	+23 25.9	1.962	2.775	13.8	20.4
11 27	6 25.65	+23 21.5	1.881	2.774	10.5	20.2
12 7	6 18.66	+23 17.1	1.824	2.774	6.7	19.9
12 17	6 9.99	+23 11.7	1.794	2.773	2.5	19.7
12 27	6 0.69	+23 4.6	1.793	2.773	1.9	19.6
1 6	5 51.91	+22 56.0	1.820	2.774	6.1	19.9
1 16	5 44.68	+22 46.9	1.875	2.775	10.0	20.1
1 26	5 39.78	+22 38.8	1.953	2.776	13.4	20.3

292176 2006 SW_{15} 12 22.7 43°.27 0°.3/22.7 18

11 17	6 33.06	+23 3.9	1.538	2.361	16.5	20.3
11 27	6 28.10	+22 56.7	1.479	2.377	12.5	20.1
12 7	6 20.29	+22 50.1	1.443	2.394	8.0	19.9
12 17	6 10.58	+22 42.8	1.431	2.411	3.0	19.6
12 27	6 0.31	+22 34.2	1.447	2.428	2.2	19.6
1 6	5 50.92	+22 24.7	1.491	2.446	7.0	19.9
1 16	5 43.59	+22 15.7	1.561	2.464	11.4	20.2
1 26	5 39.12	+22 8.7	1.653	2.483	15.0	20.5

90586 2035 $P–L$ 12 22.7 85°.09 0°.4/22.8 18

11 17	6 37.91	+24 35.0	1.572	2.386	16.7	20.1
11 27	6 31.69	+24 36.8	1.515	2.407	12.7	19.9
12 7	6 22.53	+24 37.7	1.479	2.428	8.0	19.6
12 17	6 11.39	+24 35.5	1.470	2.449	3.0	19.4
12 27	5 59.73	+24 28.9	1.489	2.470	2.2	19.4
1 6	5 49.05	+24 18.5	1.537	2.490	7.0	19.7
1 16	5 40.58	+24 6.1	1.611	2.510	11.4	20.0
1 26	5 35.12	+23 54.2	1.708	2.529	15.0	20.3

394524 2007 TX_{361} 12 22.7 146°.79 3°.3/22.4 18

11 17	6 36.46	+30 21.4	2.021	2.821	14.0	21.1
11 27	6 30.50	+31 12.3	1.945	2.827	10.8	20.9
12 7	6 21.84	+32 0.3	1.892	2.832	7.3	20.7
12 17	6 11.21	+32 40.6	1.867	2.837	4.0	20.5
12 27	5 59.78	+33 9.3	1.871	2.842	3.8	20.5
1 6	5 48.89	+33 24.8	1.904	2.847	6.9	20.7
1 16	5 39.75	+33 28.5	1.966	2.851	10.4	20.9
1 26	5 33.25	+33 23.5	2.051	2.854	13.5	21.1

146705 2001 VM_{125} 12 22.7 194°.40 0°.3/22.7 18

11 17	6 32.66	+24 2.0	2.212	3.014	12.8	20.8
11 27	6 27.23	+24 6.5	2.126	3.013	9.8	20.6
12 7	6 19.57	+24 10.9	2.065	3.012	6.2	20.4
12 17	6 10.32	+24 13.5	2.031	3.010	2.3	20.1
12 27	6 0.45	+24 13.3	2.027	3.008	1.7	20.0
1 6	5 51.04	+24 10.2	2.054	3.006	5.7	20.3
1 16	5 43.04	+24 5.0	2.109	3.003	9.3	20.5
1 26	5 37.23	+23 59.2	2.188	3.000	12.5	20.7

243071 2007 GA_{64} 12 22.8 186°.41 2°.4/22.7 18

11 17	6 29.65	+15 39.1	2.817	3.605	10.8	21.4
11 27	6 24.39	+15 18.6	2.729	3.604	8.3	21.2
12 7	6 17.50	+15 1.7	2.666	3.604	5.6	21.1
12 17	6 9.50	+14 48.9	2.632	3.602	3.0	20.9
12 27	6 1.08	+14 40.7	2.628	3.601	2.8	20.9
1 6	5 52.98	+14 37.3	2.656	3.598	5.2	21.0
1 16	5 45.90	+14 38.9	2.713	3.596	8.0	21.2
1 26	5 40.41	+14 45.0	2.796	3.593	10.5	21.4

455687 2005 EK_{94} 12 22.8 209°.23 1°.6/22.9 16

11 17	6 41.83	+17 16.8	2.125	2.904	14.1	24.1
11 27	6 34.41	+17 36.6	2.022	2.895	10.9	23.8
12 7	6 24.32	+18 2.7	1.944	2.884	7.2	23.6
12 17	6 12.18	+18 33.3	1.895	2.871	3.1	23.3
12 27	5 59.04	+19 6.5	1.878	2.856	2.4	23.2
1 6	5 46.16	+19 40.3	1.893	2.840	6.5	23.4
1 16	5 34.78	+20 13.5	1.938	2.822	10.6	23.7
1 26	5 25.85	+20 46.2	2.009	2.802	14.1	23.9

15840 Hiroshiendou 12 22.8 126°.46 2°.6/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.96	+14 21.7	2.237	3.030	13.0	18.2
11 27	6 26.47	+14 26.3	2.163	3.040	10.1	18.0
12 7	6 18.97	+14 37.9	2.112	3.051	6.8	17.9
12 17	6 10.07	+14 56.2	2.090	3.061	3.6	17.7
12 27	6 0.67	+15 20.5	2.097	3.071	3.1	17.7
1 6	5 51.73	+15 49.6	2.134	3.080	6.0	17.9
1 16	5 44.13	+16 22.1	2.200	3.089	9.3	18.1
1 26	5 38.53	+16 56.9	2.292	3.098	12.2	18.3

351712 2006 BE_{224} 12 22.8 19°.99 2°.3/22.9 18

11 17	6 26.05	+16 0.5	2.390	3.194	12.0	20.1
11 27	6 21.92	+15 52.6	2.317	3.202	9.2	20.0
12 7	6 16.05	+15 49.6	2.268	3.210	6.1	19.8
12 17	6 8.98	+15 51.9	2.246	3.220	3.1	19.6
12 27	6 1.49	+15 59.2	2.254	3.229	2.7	19.6
1 6	5 54.41	+16 11.2	2.292	3.240	5.5	19.8
1 16	5 48.49	+16 27.3	2.357	3.250	8.5	20.0
1 26	5 44.32	+16 46.8	2.447	3.262	11.2	20.2

44137 1998 HD_{92} 12 22.8 213°.57 0°.5/22.8 18

11 17	6 34.10	+21 31.0	2.047	2.849	13.7	20.2
11 27	6 28.53	+21 36.3	1.957	2.844	10.5	20.0
12 7	6 20.52	+21 43.7	1.891	2.838	6.7	19.8
12 17	6 10.72	+21 51.8	1.853	2.831	2.6	19.5
12 27	6 0.17	+21 59.2	1.844	2.824	1.9	19.4
1 6	5 50.04	+22 5.6	1.865	2.817	6.2	19.7
1 16	5 41.41	+22 11.1	1.915	2.809	10.1	19.9
1 26	5 35.14	+22 16.8	1.988	2.801	13.5	20.1

274000 2007 PF_{1} 12 22.8 236°.60 1°.1/22.8 18

11 17	6 31.59	+27 51.1	2.491	3.290	11.7	20.5
11 27	6 26.23	+27 45.2	2.400	3.285	9.0	20.3
12 7	6 18.84	+27 35.8	2.334	3.279	5.8	20.1
12 17	6 10.05	+27 21.7	2.296	3.273	2.4	19.8
12 27	6 0.71	+27 2.0	2.288	3.267	1.9	19.8
1 6	5 51.80	+26 37.6	2.311	3.261	5.3	20.0
1 16	5 44.18	+26 10.0	2.363	3.255	8.5	20.2
1 26	5 38.56	+25 41.5	2.440	3.249	11.4	20.4

379570 2011 BY_{14} 12 22.8 323°.45 4°.4/22.4 18

11 17	6 35.16	+29 40.5	1.276	2.108	18.8	20.9
11 27	6 31.10	+30 40.3	1.199	2.099	14.7	20.6
12 7	6 23.08	+31 39.2	1.142	2.090	10.0	20.3
12 17	6 11.91	+32 29.9	1.109	2.082	5.5	20.1
12 27	5 59.25	+33 5.0	1.101	2.075	5.2	20.0
1 6	5 47.24	+33 21.3	1.119	2.068	9.7	20.3
1 16	5 37.83	+33 20.7	1.159	2.061	14.6	20.5
1 26	5 32.37	+33 8.6	1.220	2.055	19.0	20.8

339882 2005 TE_{128} 12 22.8 160°.11 0°.0/22.8 16

11 17	6 37.18	+23 15.1	1.983	2.783	14.2	22.5
11 27	6 30.80	+23 19.8	1.905	2.790	10.8	22.3
12 7	6 21.90	+23 25.0	1.850	2.797	6.9	22.1
12 17	6 11.21	+23 28.6	1.824	2.802	2.6	21.8
12 27	5 59.88	+23 29.4	1.827	2.808	1.9	21.8
1 6	5 49.15	+23 27.3	1.861	2.812	6.2	22.1
1 16	5 40.12	+23 23.3	1.922	2.815	10.2	22.3
1 26	5 33.62	+23 19.0	2.009	2.818	13.5	22.5

30343 2000 JB_{36} 12 22.8 265°.02 1°.5/22.7 18

11 17	6 35.78	+26 33.8	1.686	2.499	15.7	18.9
11 27	6 30.58	+26 49.3	1.592	2.484	12.2	18.6
12 7	6 22.25	+27 3.7	1.520	2.468	7.9	18.3
12 17	6 11.49	+27 13.6	1.474	2.452	3.3	18.0
12 27	5 59.60	+27 16.1	1.456	2.435	2.7	17.9
1 6	5 48.13	+27 10.5	1.466	2.418	7.5	18.2
1 16	5 38.57	+26 58.6	1.503	2.401	12.1	18.4
1 26	5 32.03	+26 43.4	1.562	2.384	16.1	18.6

138179 2000 EY_{107} 12 22.8 182°.32 10°.4/23.3 18

11 17	6 30.58	−11 42.1	2.632	3.310	14.0	20.4
11 27	6 25.18	−12 45.5	2.559	3.311	12.6	20.3
12 7	6 18.06	−13 30.4	2.508	3.311	11.4	20.2
12 17	6 9.74	−13 52.3	2.479	3.311	10.5	20.1
12 27	6 0.97	−13 48.4	2.475	3.310	10.4	20.1
1 6	5 52.53	−13 18.8	2.497	3.308	11.1	20.2
1 16	5 45.16	−12 26.0	2.542	3.306	12.3	20.3
1 26	5 39.47	−11 14.4	2.608	3.303	13.6	20.4

327080 2004 VK_{38} 12 22.8 55°.98 0°.9/22.7 17

11 17	6 31.68	+25 20.7	2.056	2.865	13.5	21.4
11 27	6 26.62	+25 37.3	1.981	2.871	10.2	21.2
12 7	6 19.24	+25 53.4	1.930	2.878	6.5	21.0
12 17	6 10.22	+26 6.7	1.907	2.885	2.6	20.8
12 27	6 0.62	+26 15.5	1.912	2.892	2.0	20.8
1 6	5 51.55	+26 19.4	1.947	2.899	5.9	21.0
1 16	5 44.03	+26 19.1	2.010	2.906	9.6	21.3
1 26	5 38.82	+26 16.4	2.097	2.914	12.8	21.5

390574 2001 *KQ* 12 22.8 141°.82 1°.7/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 35.68	+27 40.6	2.522	3.312	11.8	21.9
11 27	6 29.23	+28 9.2	2.447	3.326	9.0	21.8
12 7	6 20.69	+28 35.6	2.398	3.340	5.8	21.6
12 17	6 10.73	+28 57.3	2.377	3.352	2.6	21.4
12 27	6 0.26	+29 12.2	2.387	3.364	2.3	21.4
1 6	5 50.27	+29 19.7	2.429	3.375	5.3	21.6
1 16	5 41.68	+29 20.7	2.500	3.386	8.4	21.8
1 26	5 35.16	+29 17.1	2.597	3.396	11.1	22.0

185516 2007 UB_{116} 12 22.8 127°.49 0°.0/22.8 18

11 17	6 39.44	+22 28.9	1.564	2.374	16.9	20.9
11 27	6 33.05	+22 45.7	1.497	2.388	12.9	20.7
12 7	6 23.55	+23 4.6	1.453	2.401	8.2	20.5
12 17	6 11.87	+23 22.9	1.435	2.414	3.1	20.2
12 27	5 59.43	+23 38.0	1.445	2.426	2.2	20.2
1 6	5 47.85	+23 48.9	1.484	2.437	7.3	20.5
1 16	5 38.46	+23 56.6	1.550	2.448	11.8	20.8
1 26	5 32.18	+24 2.7	1.639	2.458	15.6	21.1

103386 2000 AK_{122} 12 22.8 344°.08 5°.3/23.0 18

11 17	6 30.17	+12 55.0	1.223	2.055	19.4	18.4
11 27	6 26.74	+12 30.1	1.150	2.048	15.4	18.1
12 7	6 19.97	+12 17.4	1.097	2.041	10.7	17.8
12 17	6 10.66	+12 19.5	1.066	2.036	6.4	17.6
12 27	6 0.26	+12 37.4	1.059	2.031	5.8	17.5
1 6	5 50.50	+13 9.7	1.077	2.028	9.8	17.7
1 16	5 42.93	+13 53.7	1.119	2.025	14.6	18.0
1 26	5 38.68	+14 45.8	1.180	2.023	19.0	18.3

203683 2002 NJ_{18} 12 22.8 105°.44 5°.6/23.6 18

11 17	6 33.03	+ 6 28.6	1.963	2.742	15.1	20.6
11 27	6 27.43	+ 6 22.3	1.897	2.757	12.1	20.4
12 7	6 19.64	+ 6 29.8	1.853	2.773	9.0	20.3
12 17	6 10.35	+ 6 52.5	1.835	2.788	6.3	20.1
12 27	6 0.56	+ 7 30.0	1.846	2.802	5.8	20.1
1 6	5 51.33	+ 8 20.3	1.886	2.816	7.9	20.3
1 16	5 43.60	+ 9 20.2	1.953	2.830	10.9	20.5
1 26	5 38.08	+10 26.0	2.044	2.844	13.7	20.7

222045 1998 UH_{37} 12 22.8 33°.16 1°.6/22.8 18

11 17	6 33.10	+20 40.6	1.079	1.924	20.5	19.6
11 27	6 29.00	+20 28.3	1.032	1.940	15.6	19.4
12 7	6 21.26	+20 20.4	1.003	1.958	10.0	19.1
12 17	6 11.03	+20 16.0	0.997	1.976	4.0	18.8
12 27	6 0.12	+20 14.6	1.016	1.996	3.1	18.8
1 6	5 50.45	+20 15.8	1.059	2.017	8.7	19.2
1 16	5 43.47	+20 20.2	1.125	2.038	13.9	19.6
1 26	5 40.09	+20 28.2	1.211	2.060	18.2	19.9

413794 2006 HS_{107} 12 22.8 231°.66 2°.5/22.4 18

11 17	6 32.30	+29 19.5	2.527	3.323	11.6	20.9
11 27	6 26.95	+30 4.9	2.437	3.318	9.0	20.7
12 7	6 19.44	+30 48.7	2.371	3.312	6.0	20.5
12 17	6 10.34	+31 27.6	2.334	3.306	3.2	20.4
12 27	6 0.53	+31 58.5	2.327	3.300	3.0	20.3
1 6	5 51.03	+32 20.1	2.351	3.294	5.7	20.5
1 16	5 42.77	+32 32.6	2.403	3.288	8.8	20.7
1 26	5 36.54	+32 37.9	2.481	3.281	11.5	20.9

457908 2009 UA_{13} 12 22.8 44°.74 7°.8/21.9 16

11 17	6 39.72	+39 25.8	1.715	2.509	16.3	20.3
11 27	6 33.69	+41 10.9	1.670	2.536	13.2	20.2
12 7	6 24.18	+42 44.6	1.648	2.563	10.2	20.1
12 17	6 12.16	+43 57.8	1.651	2.591	8.1	20.0
12 27	5 59.26	+44 44.1	1.681	2.619	8.1	20.1
1 6	5 47.31	+45 2.6	1.738	2.647	10.0	20.3
1 16	5 37.85	+44 57.1	1.819	2.676	12.6	20.5
1 26	5 31.87	+44 34.9	1.923	2.705	15.1	20.7

92852 2000 QA_{200} 12 22.8 107°.67 1°.0/22.7 18

11 17	6 35.96	+24 56.2	1.697	2.509	15.7	19.8
11 27	6 30.30	+25 15.2	1.626	2.518	12.0	19.6
12 7	6 21.78	+25 34.1	1.579	2.527	7.7	19.4
12 17	6 11.22	+25 49.9	1.558	2.536	3.0	19.1
12 27	5 59.94	+26 0.4	1.565	2.545	2.3	19.1
1 6	5 49.38	+26 4.8	1.601	2.553	6.9	19.4
1 16	5 40.79	+26 4.3	1.663	2.562	11.1	19.6
1 26	5 35.06	+26 1.2	1.749	2.570	14.7	19.9

290533 2005 UQ_{59} 12 22.8 9°.96 0°.2/22.8 17

11 17	6 31.66	+23 3.8	1.942	2.754	14.0	21.5
11 27	6 26.77	+23 17.6	1.862	2.754	10.7	21.3
12 7	6 19.44	+23 32.9	1.806	2.754	6.8	21.1
12 17	6 10.35	+23 47.6	1.776	2.755	2.6	20.8
12 27	6 0.56	+24 0.2	1.775	2.756	1.9	20.8
1 6	5 51.27	+24 9.9	1.803	2.757	6.2	21.1
1 16	5 43.56	+24 17.0	1.859	2.758	10.1	21.3
1 26	5 38.25	+24 22.6	1.938	2.759	13.5	21.5

470077 2006 SQ_{331} 12 22.8 41°.90 1°.8/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.74	+19 55.6	1.095	1.936	20.6	20.9
11 27	6 30.21	+19 46.6	1.047	1.953	15.7	20.7
12 7	6 22.01	+19 43.0	1.018	1.972	10.1	20.5
12 17	6 11.33	+19 43.9	1.012	1.991	4.1	20.2
12 27	5 59.95	+19 48.2	1.030	2.010	3.2	20.2
1 6	5 49.81	+19 55.4	1.074	2.031	8.7	20.6
1 16	5 42.39	+20 5.4	1.141	2.052	13.9	20.9
1 26	5 38.60	+20 18.6	1.228	2.073	18.2	21.3

346313 2008 QK_{17} 12 22.8 105°.60 1°.0/22.8 16

11 17	6 37.83	+25 38.5	1.763	2.570	15.4	21.8
11 27	6 31.47	+25 48.5	1.699	2.588	11.7	21.6
12 7	6 22.37	+25 57.0	1.659	2.606	7.5	21.4
12 17	6 11.40	+26 1.3	1.645	2.624	2.9	21.2
12 27	5 59.87	+25 59.8	1.661	2.641	2.2	21.2
1 6	5 49.18	+25 52.7	1.705	2.657	6.6	21.5
1 16	5 40.49	+25 41.7	1.777	2.673	10.7	21.8
1 26	5 34.60	+25 29.5	1.873	2.689	14.1	22.0

276541 2003 SC_{81} 12 22.8 82°.56 5°.0/22.9 18

11 17	6 29.24	+ 8 56.7	2.265	3.050	13.1	21.2
11 27	6 24.33	+ 8 22.4	2.196	3.062	10.5	21.0
12 7	6 17.58	+ 7 57.4	2.151	3.074	7.7	20.9
12 17	6 9.58	+ 7 43.4	2.132	3.085	5.4	20.7
12 27	6 1.18	+ 7 41.6	2.142	3.097	5.2	20.7
1 6	5 53.24	+ 7 51.8	2.181	3.109	7.1	20.9
1 16	5 46.56	+ 8 12.8	2.247	3.121	9.8	21.1
1 26	5 41.73	+ 8 42.6	2.337	3.133	12.3	21.3

176679 2002 PB_{68} 12 22.8 161°.29 2°.4/22.9 18

11 17	6 36.22	+17 11.6	1.735	2.540	15.8	21.0
11 27	6 30.34	+17 3.1	1.659	2.545	12.2	20.8
12 7	6 21.75	+17 0.3	1.606	2.549	8.0	20.5
12 17	6 11.22	+17 2.8	1.578	2.553	3.8	20.3
12 27	5 59.96	+17 10.3	1.580	2.557	3.2	20.2
1 6	5 49.31	+17 22.0	1.610	2.560	7.2	20.5
1 16	5 40.48	+17 37.7	1.668	2.562	11.4	20.8
1 26	5 34.33	+17 56.9	1.749	2.564	15.0	21.0

352168 2007 RB_{41} 12 22.8 75°.40 7°.2/23.9 15

11 17	6 33.47	+ 4 18.4	1.699	2.480	17.0	20.8
11 27	6 27.95	+ 3 56.5	1.645	2.502	13.8	20.7
12 7	6 20.03	+ 3 51.9	1.611	2.525	10.5	20.5
12 17	6 10.51	+ 4 6.6	1.603	2.547	7.8	20.4
12 27	6 0.53	+ 4 41.0	1.621	2.569	7.3	20.4
1 6	5 51.30	+ 5 32.6	1.667	2.591	9.3	20.6
1 16	5 43.80	+ 6 37.2	1.739	2.613	12.1	20.8
1 26	5 38.76	+ 7 50.0	1.834	2.634	15.0	21.1

15334 1993 *UE* 12 22.8 82°.32 3°.8/23.4 18

11 17	6 36.50	+11 32.8	1.600	2.399	17.1	17.6
11 27	6 30.47	+11 52.3	1.543	2.422	13.3	17.4
12 7	6 21.74	+12 24.7	1.508	2.446	9.1	17.2
12 17	6 11.17	+13 9.2	1.499	2.469	5.0	17.1
12 27	6 0.04	+14 3.3	1.519	2.492	4.2	17.1
1 6	5 49.72	+15 3.5	1.567	2.514	7.6	17.3
1 16	5 41.35	+16 6.4	1.642	2.536	11.5	17.6
1 26	5 35.73	+17 9.3	1.741	2.558	15.0	17.9

190510 2000 HH_{60} 12 22.8 130°.45 1°.3/22.7 18

11 17	6 38.09	+26 17.8	1.944	2.744	14.4	21.0
11 27	6 31.53	+26 34.5	1.874	2.759	11.0	20.9
12 7	6 22.36	+26 49.5	1.829	2.774	7.1	20.6
12 17	6 11.41	+26 59.9	1.810	2.788	2.9	20.4
12 27	5 59.87	+27 3.7	1.822	2.801	2.3	20.4
1 6	5 49.04	+27 0.8	1.863	2.813	6.3	20.7
1 16	5 40.04	+26 52.6	1.933	2.825	10.2	20.9
1 26	5 33.68	+26 41.9	2.027	2.836	13.4	21.2

175804 1999 RG_{155} 12 22.8 111°.61 3°.0/22.9 18

11 17	6 40.92	+30 52.1	1.574	2.382	16.9	20.2
11 27	6 34.28	+31 4.6	1.510	2.397	13.1	20.0
12 7	6 24.35	+31 10.5	1.468	2.412	8.7	19.7
12 17	6 12.17	+31 5.4	1.452	2.426	4.3	19.5
12 27	5 59.34	+30 47.1	1.464	2.440	3.7	19.5
1 6	5 47.54	+30 16.8	1.504	2.453	7.7	19.8
1 16	5 38.18	+29 38.8	1.571	2.466	11.9	20.1
1 26	5 32.13	+28 58.3	1.661	2.479	15.5	20.3

145333 2005 LG_{49} 12 22.8 49°.20 2°.6/22.7 18

11 17	6 31.94	+17 35.5	1.800	2.611	15.0	20.1
11 27	6 26.99	+17 10.2	1.724	2.613	11.6	19.9
12 7	6 19.57	+16 49.0	1.671	2.616	7.6	19.7
12 17	6 10.41	+16 32.7	1.644	2.619	3.7	19.4
12 27	6 0.60	+16 21.8	1.646	2.622	3.3	19.4
1 6	5 51.38	+16 16.7	1.676	2.625	7.0	19.6
1 16	5 43.82	+16 17.7	1.733	2.628	10.9	19.9
1 26	5 38.70	+16 24.7	1.813	2.632	14.4	20.1

198576 2004 YU_3 12 22.8 36°.29 0°.2/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.14	+22 8.0	1.448	2.275	17.2	19.9
11 27	6 28.51	+22 19.7	1.384	2.283	13.1	19.7
12 7	6 20.80	+22 34.3	1.341	2.292	8.4	19.4
12 17	6 10.91	+22 49.6	1.322	2.302	3.1	19.1
12 27	6 0.25	+23 3.4	1.331	2.311	2.3	19.1
1 6	5 50.39	+23 14.7	1.366	2.322	7.4	19.4
1 16	5 42.66	+23 24.1	1.427	2.333	12.1	19.7
1 26	5 37.98	+23 32.6	1.510	2.344	16.0	20.0

71324 2000 AJ_{84} 12 22.8 289°.26 1°.8/22.8 18

11 17	6 29.81	+18 24.4	2.211	3.015	12.8	19.2
11 27	6 25.04	+18 11.1	2.125	3.011	9.8	19.0
12 7	6 18.19	+18 0.9	2.062	3.007	6.4	18.8
12 17	6 9.88	+17 53.9	2.027	3.003	2.9	18.5
12 27	6 0.98	+17 50.3	2.022	2.999	2.5	18.5
1 6	5 52.48	+17 50.1	2.045	2.995	5.9	18.7
1 16	5 45.29	+17 53.4	2.097	2.991	9.4	18.9
1 26	5 40.11	+18 0.2	2.174	2.988	12.5	19.1

403696 2010 VQ_{105} 12 22.8 47°.24 1°.2/22.8 18

11 17	6 31.30	+19 54.4	1.905	2.716	14.3	21.5
11 27	6 26.42	+19 54.1	1.830	2.721	10.9	21.3
12 7	6 19.18	+19 57.2	1.779	2.726	7.0	21.0
12 17	6 10.26	+20 2.8	1.754	2.732	2.9	20.8
12 27	6 0.72	+20 10.1	1.758	2.737	2.2	20.8
1 6	5 51.74	+20 18.6	1.791	2.743	6.3	21.0
1 16	5 44.33	+20 28.3	1.851	2.749	10.2	21.3
1 26	5 39.28	+20 39.5	1.935	2.755	13.5	21.5

210239 2007 RQ_{173} 12 22.8 116°.74 0°.8/22.8 18

11 17	6 34.04	+20 25.3	1.841	2.649	14.8	21.2
11 27	6 28.59	+20 34.9	1.768	2.657	11.3	21.0
12 7	6 20.59	+20 47.9	1.717	2.664	7.2	20.7
12 17	6 10.80	+21 2.8	1.693	2.672	2.8	20.5
12 27	6 0.34	+21 18.2	1.699	2.679	2.1	20.4
1 6	5 50.47	+21 33.2	1.733	2.686	6.5	20.7
1 16	5 42.31	+21 47.5	1.795	2.692	10.5	21.0
1 26	5 36.67	+22 1.8	1.881	2.699	14.0	21.2

430440 2000 OH 12 22.8 151°.05 1°.5/22.9 15

11 17	6 39.83	+29 44.1	2.965	3.737	10.6	23.4
11 27	6 31.94	+29 42.1	2.885	3.754	8.2	23.2
12 7	6 22.22	+29 35.3	2.831	3.769	5.3	23.1
12 17	6 11.29	+29 22.1	2.808	3.782	2.4	22.9
12 27	6 0.02	+29 1.6	2.818	3.795	2.0	22.9
1 6	5 49.31	+28 34.8	2.862	3.806	4.7	23.1
1 16	5 39.93	+28 3.4	2.936	3.816	7.5	23.3
1 26	5 32.49	+27 30.3	3.039	3.825	10.0	23.5

115203 2003 SJ_{116} 12 22.8 52°.30 2°.0/22.5 17

11 17	6 32.46	+26 41.9	2.091	2.898	13.3	19.4
11 27	6 27.32	+27 28.2	2.016	2.904	10.2	19.2
12 7	6 19.78	+28 14.4	1.965	2.911	6.6	19.0
12 17	6 10.51	+28 56.8	1.941	2.917	3.0	18.8
12 27	6 0.54	+29 32.2	1.947	2.924	2.7	18.8
1 6	5 51.05	+29 58.9	1.983	2.931	6.2	19.0
1 16	5 43.10	+30 17.0	2.046	2.938	9.7	19.2
1 26	5 37.49	+30 28.3	2.133	2.945	12.8	19.4

135378 2001 TG_{148} 12 22.8 337°.65 5°.0/23.1 18 R

11 17	6 31.64	+12 4.2	1.445	2.261	17.8	19.6
11 27	6 27.39	+11 43.9	1.369	2.257	14.1	19.3
12 7	6 20.16	+11 35.3	1.314	2.253	9.9	19.1
12 17	6 10.73	+11 40.3	1.282	2.250	6.0	18.9
12 27	6 0.37	+11 59.5	1.277	2.247	5.5	18.8
1 6	5 50.59	+12 31.8	1.298	2.244	9.0	19.0
1 16	5 42.72	+13 14.6	1.344	2.242	13.3	19.3
1 26	5 37.77	+14 4.8	1.411	2.240	17.2	19.5

475112 2005 UO_{260} 12 22.8 239°.02 1°.2/22.7 18

11 17	6 35.37	+24 37.4	1.568	2.386	16.5	21.3
11 27	6 30.26	+25 5.7	1.491	2.386	12.7	21.1
12 7	6 22.01	+25 35.5	1.436	2.385	8.1	20.8
12 17	6 11.42	+26 3.0	1.406	2.385	3.2	20.5
12 27	5 59.87	+26 24.9	1.405	2.385	2.5	20.5
1 6	5 48.93	+26 39.7	1.431	2.384	7.5	20.8
1 16	5 40.06	+26 48.0	1.483	2.384	12.1	21.1
1 26	5 34.27	+26 52.1	1.558	2.383	16.0	21.3

398159 2010 FU_{11} 12 22.8 107°.86 1°.8/22.7 18

11 17	6 36.69	+27 13.0	1.810	2.617	15.1	21.0
11 27	6 30.71	+27 36.1	1.742	2.630	11.5	20.8
12 7	6 21.97	+27 57.1	1.697	2.643	7.4	20.6
12 17	6 11.32	+28 12.6	1.679	2.656	3.2	20.4
12 27	6 0.01	+28 20.1	1.690	2.668	2.7	20.4
1 6	5 49.44	+28 19.3	1.730	2.680	6.7	20.6
1 16	5 40.80	+28 11.8	1.797	2.692	10.6	20.9
1 26	5 34.92	+28 0.7	1.888	2.703	14.0	21.1

416813 2005 GG_{179} 12 22.8 301°.00 1°.9/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.38	+15 59.1	2.228	3.027	12.9	20.6
11 27	6 25.77	+16 20.5	2.113	2.996	10.1	20.4
12 7	6 18.91	+16 49.8	2.022	2.965	6.7	20.1
12 17	6 10.27	+17 26.4	1.958	2.934	3.1	19.8
12 27	6 0.66	+18 8.7	1.924	2.902	2.5	19.7
1 6	5 51.13	+18 54.9	1.920	2.871	6.2	19.9
1 16	5 42.71	+19 43.1	1.945	2.839	10.0	20.1
1 26	5 36.31	+20 31.9	1.995	2.808	13.5	20.2

223919 2004 VE_{94} 12 22.8 6°.40 1°.2/22.8 17

11 17	6 28.72	+19 59.5	1.601	2.427	15.8	19.5
11 27	6 24.94	+20 4.4	1.529	2.428	12.1	19.3
12 7	6 18.47	+20 13.8	1.479	2.430	7.8	19.0
12 17	6 10.06	+20 26.5	1.454	2.433	3.1	18.8
12 27	6 0.91	+20 41.4	1.456	2.436	2.4	18.7
1 6	5 52.36	+20 57.5	1.486	2.441	7.0	19.0
1 16	5 45.59	+21 14.3	1.541	2.447	11.3	19.3
1 26	5 41.47	+21 31.8	1.619	2.453	15.0	19.5

685 Hermia 12 22.8 115°.93 1°.4/22.8 18 R

11 17	6 38.90	+20 37.1	1.629	2.436	16.5	15.9
11 27	6 32.36	+20 22.8	1.566	2.454	12.6	15.7
12 7	6 22.98	+20 10.7	1.525	2.472	8.1	15.4
12 17	6 11.67	+20 0.0	1.511	2.489	3.3	15.2
12 27	5 59.80	+19 50.5	1.526	2.505	2.6	15.2
1 6	5 48.83	+19 42.6	1.569	2.521	7.1	15.5
1 16	5 39.94	+19 37.3	1.640	2.536	11.4	15.8
1 26	5 33.96	+19 35.6	1.733	2.550	15.0	16.1

322025 2010 VW_{18} 12 22.8 136°.76 0°.7/22.7 18

11 17	6 40.54	+23 57.8	1.737	2.539	15.8	21.2
11 27	6 33.68	+24 22.1	1.668	2.554	12.1	21.0
12 7	6 23.89	+24 47.2	1.622	2.569	7.7	20.7
12 17	6 12.05	+25 9.7	1.604	2.582	2.9	20.5
12 27	5 59.50	+25 26.9	1.615	2.595	2.2	20.5
1 6	5 47.74	+25 37.8	1.656	2.607	6.9	20.8
1 16	5 38.02	+25 43.4	1.724	2.618	11.1	21.1
1 26	5 31.24	+25 45.9	1.816	2.628	14.7	21.3

117526 2005 CS_{57} 12 22.8 208°.93 1°.8/22.9 18 R

11 17	6 35.77	+29 0.3	1.891	2.697	14.6	20.4
11 27	6 30.05	+28 58.4	1.808	2.695	11.2	20.1
12 7	6 21.61	+28 51.6	1.747	2.692	7.3	19.9
12 17	6 11.22	+28 37.4	1.714	2.690	3.3	19.6
12 27	6 0.09	+28 14.6	1.709	2.688	2.6	19.6
1 6	5 49.61	+27 44.1	1.734	2.685	6.6	19.8
1 16	5 40.95	+27 8.7	1.786	2.682	10.6	20.1
1 26	5 34.99	+26 32.2	1.862	2.679	14.1	20.3

317198 2002 AZ_{49} 12 22.8 4°.73 3°.2/23.0 18

11 17	6 33.72	+16 3.7	1.212	2.044	19.6	20.6
11 27	6 29.52	+16 3.4	1.143	2.043	15.2	20.3
12 7	6 21.79	+16 13.5	1.094	2.043	10.1	20.0
12 17	6 11.41	+16 34.1	1.068	2.044	4.9	19.7
12 27	5 59.93	+17 3.7	1.066	2.044	4.0	19.7
1 6	5 49.21	+17 39.8	1.091	2.046	9.0	19.9
1 16	5 40.86	+18 20.2	1.139	2.047	14.2	20.2
1 26	5 36.01	+19 2.9	1.208	2.049	18.7	20.5

15669 Pshenichner 12 22.8 102°.61 1°.6/22.8 18

11 17	6 38.67	+27 11.1	1.761	2.566	15.5	18.6
11 27	6 32.16	+27 27.6	1.700	2.587	11.8	18.4
12 7	6 22.84	+27 41.5	1.661	2.607	7.6	18.2
12 17	6 11.62	+27 49.4	1.649	2.626	3.2	18.0
12 27	5 59.86	+27 49.3	1.667	2.645	2.6	18.0
1 6	5 48.97	+27 41.4	1.713	2.664	6.7	18.3
1 16	5 40.14	+27 27.9	1.787	2.682	10.7	18.6
1 26	5 34.16	+27 11.8	1.885	2.699	14.1	18.8

189683 2001 SR_{99} 12 22.8 211°.40 0°.6/22.8 18

11 17	6 37.06	+24 49.6	2.088	2.885	13.7	21.7
11 27	6 30.85	+24 57.1	1.994	2.878	10.5	21.5
12 7	6 22.08	+25 3.9	1.924	2.870	6.8	21.2
12 17	6 11.42	+25 7.9	1.882	2.860	2.6	20.9
12 27	5 59.94	+25 7.4	1.870	2.850	2.0	20.9
1 6	5 48.88	+25 2.2	1.889	2.840	6.2	21.1
1 16	5 39.40	+24 53.4	1.936	2.828	10.2	21.3
1 26	5 32.37	+24 43.2	2.008	2.815	13.6	21.5

404268 2013 EJ_{79} 12 22.8 190°.19 3°.0/22.9 18

11 17	6 31.54	+13 43.7	2.449	3.236	12.2	22.1
11 27	6 26.12	+13 34.4	2.361	3.234	9.5	21.9
12 7	6 18.79	+13 31.3	2.297	3.233	6.5	21.7
12 17	6 10.12	+13 34.7	2.262	3.231	3.7	21.6
12 27	6 0.91	+13 44.7	2.257	3.228	3.3	21.5
1 6	5 52.05	+14 0.9	2.282	3.225	5.9	21.7
1 16	5 44.35	+14 22.5	2.337	3.221	9.0	21.9
1 26	5 38.49	+14 48.5	2.416	3.217	11.8	22.1

518302 2017 BF_{23} 12 22.8 170°.37 1°.3/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.59	+20 39.9	1.911	2.720	14.3	20.9
11 27	6 27.44	+20 23.6	1.831	2.720	11.0	20.7
12 7	6 19.86	+20 8.9	1.773	2.721	7.1	20.4
12 17	6 10.56	+19 55.5	1.743	2.721	2.9	20.2
12 27	6 0.60	+19 43.6	1.741	2.721	2.3	20.1
1 6	5 51.19	+19 33.5	1.769	2.721	6.4	20.4
1 16	5 43.38	+19 26.1	1.824	2.721	10.4	20.6
1 26	5 37.98	+19 22.3	1.903	2.721	13.8	20.9

76645 2000 HF_{25} 12 22.8 252°.50 2°.3/22.7 18

11 17	6 31.85	+30 31.2	2.616	3.410	11.3	20.1
11 27	6 26.56	+30 53.6	2.518	3.398	8.8	19.9
12 7	6 19.19	+31 12.6	2.445	3.385	5.9	19.7
12 17	6 10.31	+31 25.5	2.400	3.372	3.1	19.5
12 27	6 0.76	+31 30.4	2.385	3.359	2.8	19.4
1 6	5 51.52	+31 26.8	2.401	3.345	5.5	19.6
1 16	5 43.50	+31 15.8	2.445	3.331	8.6	19.7
1 26	5 37.45	+30 59.5	2.515	3.318	11.3	19.9

204798 2006 QU_{129} 12 22.8 212°.25 1°.0/22.8 18

11 17	6 35.41	+26 49.7	2.365	3.159	12.4	21.6
11 27	6 29.30	+26 48.5	2.270	3.152	9.5	21.4
12 7	6 20.93	+26 44.6	2.199	3.144	6.1	21.2
12 17	6 10.95	+26 36.1	2.157	3.135	2.5	20.9
12 27	6 0.31	+26 22.1	2.145	3.125	1.9	20.9
1 6	5 50.08	+26 2.9	2.165	3.115	5.6	21.1
1 16	5 41.26	+25 40.2	2.213	3.104	9.1	21.3
1 26	5 34.62	+25 16.5	2.287	3.092	12.2	21.5

199781 2006 KJ_{80} 12 22.8 124°.05 2°.8/22.9 17

11 17	6 28.84	+14 38.8	2.437	3.231	12.0	20.9
11 27	6 24.06	+14 24.6	2.355	3.234	9.3	20.7
12 7	6 17.47	+14 15.8	2.298	3.236	6.3	20.5
12 17	6 9.62	+14 12.9	2.268	3.238	3.5	20.4
12 27	6 1.29	+14 16.2	2.268	3.240	3.2	20.3
1 6	5 53.35	+14 25.4	2.298	3.242	5.8	20.5
1 16	5 46.55	+14 40.1	2.356	3.244	8.8	20.7
1 26	5 41.54	+14 59.4	2.440	3.246	11.5	20.9

323986 2005 UE_{192} 12 22.8 307°.65 1°.0/22.8 17

11 17	6 32.21	+25 42.2	2.045	2.854	13.5	21.6
11 27	6 27.16	+25 55.6	1.963	2.852	10.4	21.4
12 7	6 19.70	+26 8.1	1.904	2.851	6.6	21.2
12 17	6 10.51	+26 17.5	1.871	2.850	2.7	20.9
12 27	6 0.64	+26 22.2	1.869	2.848	2.1	20.9
1 6	5 51.25	+26 21.7	1.895	2.847	6.1	21.1
1 16	5 43.40	+26 17.0	1.949	2.846	9.8	21.4
1 26	5 37.91	+26 10.1	2.027	2.845	13.1	21.6

439872 1999 VA_{122} 12 22.8 25°.41 0°.7/22.7 18

11 17	6 32.61	+23 30.5	1.417	2.246	17.4	21.3
11 27	6 28.27	+23 54.7	1.352	2.253	13.3	21.1
12 7	6 20.76	+24 21.2	1.308	2.260	8.5	20.8
12 17	6 10.96	+24 46.8	1.289	2.268	3.2	20.5
12 27	6 0.33	+25 8.4	1.296	2.277	2.4	20.5
1 6	5 50.48	+25 24.6	1.330	2.286	7.6	20.9
1 16	5 42.81	+25 35.8	1.390	2.296	12.3	21.2
1 26	5 38.28	+25 43.8	1.471	2.307	16.2	21.4

468543 2006 RS_{3} 12 22.8 73°.27 2°.8/22.6 18

11 17	6 39.35	+19 32.8	1.322	2.142	18.9	20.2
11 27	6 32.97	+18 46.4	1.273	2.167	14.4	20.0
12 7	6 23.42	+18 3.1	1.245	2.193	9.3	19.8
12 17	6 11.82	+17 24.1	1.242	2.218	4.3	19.6
12 27	5 59.82	+16 51.2	1.266	2.243	3.7	19.6
1 6	5 49.05	+16 26.3	1.317	2.268	8.3	20.0
1 16	5 40.78	+16 10.5	1.394	2.293	12.8	20.3
1 26	5 35.76	+16 3.9	1.493	2.317	16.6	20.6

269805 1999 VK_{88} 12 22.8 319°.60 14°.9/19.1 18

11 17	6 37.17	+ 5 7.6	1.028	1.845	23.3	19.5
11 27	6 32.38	+ 1 43.1	0.968	1.841	19.9	19.3
12 7	6 23.70	− 1 31.7	0.928	1.837	16.7	19.0
12 17	6 12.15	− 4 19.6	0.909	1.833	15.0	18.9
12 27	5 59.48	− 6 24.4	0.912	1.830	15.7	19.0
1 6	5 47.75	− 7 37.6	0.937	1.827	18.4	19.1
1 16	5 38.68	− 8 0.1	0.980	1.824	21.8	19.3
1 26	5 33.44	− 7 40.4	1.039	1.821	25.1	19.5

137411 1999 TS_{188} 12 22.8 89°.75 2°.5/22.9 18

11 17	6 41.36	+30 0.3	1.480	2.292	17.6	20.1
11 27	6 34.62	+30 2.0	1.423	2.313	13.5	19.9
12 7	6 24.56	+29 57.1	1.388	2.333	8.8	19.7
12 17	6 12.29	+29 41.9	1.378	2.354	4.1	19.4
12 27	5 59.48	+29 14.9	1.396	2.374	3.3	19.4
1 6	5 47.86	+28 38.3	1.442	2.393	7.7	19.7
1 16	5 38.81	+27 56.5	1.514	2.412	12.0	20.0
1 26	5 33.13	+27 14.6	1.609	2.431	15.8	20.3

9884 Příbram 12 22.8 351°.43 1°.6/22.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.86	+25 44.9	1.221	2.062	18.9	18.3
11 27	6 28.38	+26 3.5	1.149	2.056	14.6	18.0
12 7	6 21.21	+26 22.0	1.098	2.051	9.4	17.7
12 17	6 11.25	+26 36.6	1.069	2.048	3.8	17.4
12 27	6 0.12	+26 44.2	1.065	2.045	3.0	17.3
1 6	5 49.77	+26 43.7	1.086	2.043	8.6	17.6
1 16	5 41.90	+26 36.9	1.131	2.043	13.9	17.9
1 26	5 37.68	+26 27.3	1.196	2.043	18.5	18.2

363338 2002 PH_{192} 12 22.8 180°.00 5°.5/22.9 18

11 17	6 31.96	+ 7 44.2	2.196	2.973	13.7	21.5
11 27	6 26.57	+ 7 8.6	2.114	2.974	11.1	21.3
12 7	6 19.14	+ 6 43.1	2.056	2.975	8.3	21.1
12 17	6 10.28	+ 6 29.8	2.025	2.975	6.0	21.0
12 27	6 0.86	+ 6 30.2	2.023	2.975	5.8	21.0
1 6	5 51.86	+ 6 44.3	2.050	2.974	7.8	21.1
1 16	5 44.14	+ 7 10.7	2.103	2.973	10.6	21.2
1 26	5 38.42	+ 7 47.0	2.182	2.971	13.3	21.4

286053 2001 SS_{236} 12 22.8 142°.78 1°.0/22.8 18

11 17	6 34.59	+26 7.8	2.461	3.254	12.0	22.5
11 27	6 28.45	+26 21.9	2.385	3.266	9.1	22.4
12 7	6 20.26	+26 34.5	2.333	3.277	5.8	22.2
12 17	6 10.67	+26 43.6	2.311	3.288	2.4	22.0
12 27	6 0.60	+26 47.8	2.319	3.298	1.9	21.9
1 6	5 51.02	+26 46.9	2.358	3.308	5.2	22.2
1 16	5 42.82	+26 41.8	2.427	3.317	8.5	22.4
1 26	5 36.67	+26 34.2	2.521	3.325	11.3	22.6

520666 2014 QB_{448} 12 22.8 126°.64 1°.1/22.8 18

11 17	6 31.63	+20 10.5	2.171	2.974	13.0	21.8
11 27	6 26.43	+20 8.0	2.092	2.979	9.9	21.6
12 7	6 19.09	+20 8.0	2.038	2.984	6.4	21.4
12 17	6 10.27	+20 9.7	2.011	2.988	2.6	21.2
12 27	6 0.89	+20 12.7	2.013	2.993	2.0	21.1
1 6	5 52.00	+20 16.6	2.046	2.997	5.7	21.4
1 16	5 44.50	+20 21.7	2.106	3.001	9.3	21.6
1 26	5 39.11	+20 28.3	2.192	3.006	12.4	21.8

214394 2005 NR_{2} 12 22.8 113°.85 0°.7/22.8 18

11 17	6 33.76	+21 2.3	2.274	3.071	12.7	21.5
11 27	6 27.83	+21 2.1	2.206	3.089	9.6	21.3
12 7	6 19.85	+21 3.6	2.162	3.107	6.1	21.1
12 17	6 10.51	+21 5.8	2.146	3.124	2.4	20.9
12 27	6 0.75	+21 7.9	2.161	3.141	1.8	20.9
1 6	5 51.56	+21 9.9	2.206	3.157	5.4	21.2
1 16	5 43.79	+21 12.1	2.280	3.173	8.8	21.4
1 26	5 38.10	+21 15.1	2.380	3.188	11.7	21.6

223396 2003 SB_{117} 12 22.8 42°.43 1°.1/22.7 17

11 17	6 31.34	+21 54.5	2.002	2.812	13.7	19.4
11 27	6 26.29	+21 24.2	1.930	2.820	10.5	19.2
12 7	6 19.01	+20 53.8	1.881	2.829	6.7	19.0
12 17	6 10.23	+20 23.6	1.860	2.838	2.7	18.8
12 27	6 0.97	+19 54.3	1.867	2.847	2.2	18.8
1 6	5 52.32	+19 27.3	1.904	2.856	6.1	19.1
1 16	5 45.23	+19 4.0	1.969	2.866	9.8	19.3
1 26	5 40.37	+18 45.6	2.057	2.875	12.9	19.5

419489 2010 EH_{36} 12 22.8 4°.34 5°.0/23.4 17

11 17	6 35.30	+38 44.9	2.056	2.846	14.1	20.1
11 27	6 29.69	+38 51.3	1.977	2.846	11.3	19.9
12 7	6 21.35	+38 46.0	1.921	2.847	8.2	19.8
12 17	6 11.13	+38 25.0	1.890	2.847	5.6	19.6
12 27	6 0.31	+37 46.4	1.888	2.848	5.2	19.6
1 6	5 50.27	+36 52.1	1.914	2.850	7.4	19.7
1 16	5 42.15	+35 46.3	1.968	2.852	10.5	19.9
1 26	5 36.76	+34 34.9	2.046	2.854	13.4	20.1

213371 2001 TY_{210} 12 22.8 146°.62 1°.4/22.9 18

11 17	6 35.23	+28 15.5	2.280	3.076	12.7	20.6
11 27	6 29.10	+28 13.7	2.202	3.084	9.7	20.4
12 7	6 20.75	+28 8.1	2.148	3.092	6.3	20.2
12 17	6 10.88	+27 56.8	2.122	3.099	2.7	20.0
12 27	6 0.51	+27 39.0	2.127	3.106	2.1	19.9
1 6	5 50.72	+27 15.3	2.162	3.112	5.6	20.2
1 16	5 42.47	+26 47.9	2.226	3.118	9.0	20.4
1 26	5 36.46	+26 19.4	2.315	3.123	12.0	20.6

241763 2001 FG_{58} 12 22.8 175°.36 6°.4/22.7 18

11 17	6 42.32	+44 41.2	2.746	3.493	12.0	21.7
11 27	6 34.73	+45 32.6	2.666	3.496	10.0	21.6
12 7	6 24.49	+46 12.8	2.610	3.499	8.0	21.5
12 17	6 12.33	+46 36.3	2.580	3.501	6.6	21.4
12 27	5 59.43	+46 39.4	2.580	3.502	6.5	21.4
1 6	5 47.11	+46 21.9	2.609	3.503	7.8	21.5
1 16	5 36.53	+45 46.7	2.666	3.502	9.7	21.6
1 26	5 28.55	+44 59.1	2.748	3.501	11.7	21.7

158878 2004 PM_{31} 12 22.8 63°.95 0°.4/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 36.81	+24 7.5	1.444	2.265	17.5	20.5
11 27	6 31.16	+24 14.4	1.390	2.286	13.3	20.3
12 7	6 22.39	+24 21.3	1.357	2.307	8.4	20.1
12 17	6 11.54	+24 25.7	1.349	2.328	3.2	19.8
12 27	6 0.11	+24 26.0	1.369	2.350	2.3	19.8
1 6	5 49.70	+24 22.2	1.416	2.371	7.3	20.2
1 16	5 41.61	+24 16.0	1.489	2.392	11.9	20.5
1 26	5 36.65	+24 9.6	1.585	2.414	15.6	20.8

84308 2002 TV_{40} 12 22.8 62°.10 5°.4/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.08	+12 4.0	1.366	2.182	18.6	19.1
11 27	6 29.13	+11 30.6	1.307	2.195	14.6	18.9
12 7	6 21.17	+11 9.0	1.269	2.207	10.3	18.7
12 17	6 11.12	+11 1.3	1.254	2.221	6.4	18.5
12 27	6 0.39	+11 8.7	1.266	2.234	5.8	18.5
1 6	5 50.52	+11 30.0	1.303	2.247	9.2	18.7
1 16	5 42.79	+12 3.0	1.365	2.261	13.3	19.0
1 26	5 38.08	+12 44.5	1.449	2.274	17.0	19.3

141800 2002 NO_{33} 12 22.8 74°.29 4°.5/23.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.19	+36 17.3	1.766	2.562	15.9	19.6
11 27	6 33.44	+36 22.6	1.707	2.582	12.4	19.5
12 7	6 23.69	+36 16.4	1.670	2.603	8.7	19.3
12 17	6 11.99	+35 54.7	1.659	2.623	5.4	19.1
12 27	5 59.84	+35 16.0	1.676	2.643	4.8	19.1
1 6	5 48.81	+34 23.0	1.722	2.663	7.6	19.4
1 16	5 40.11	+33 20.8	1.794	2.683	11.0	19.6
1 26	5 34.50	+32 15.8	1.891	2.703	14.2	19.8

358741 2008 CO_{89} 12 22.8 230°.32 1°.5/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.92	+18 33.4	2.392	3.187	12.2	21.7
11 27	6 26.61	+18 32.3	2.295	3.177	9.4	21.5
12 7	6 19.25	+18 34.6	2.222	3.166	6.1	21.3
12 17	6 10.40	+18 39.8	2.178	3.154	2.7	21.1
12 27	6 0.88	+18 47.4	2.164	3.142	2.2	21.0
1 6	5 51.66	+18 57.1	2.180	3.130	5.6	21.2
1 16	5 43.64	+19 8.5	2.225	3.117	9.1	21.4
1 26	5 37.55	+19 21.9	2.296	3.103	12.1	21.6

344032 2012 LE_{20} 12 22.8 129°.30 2°.9/23.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.21	+13 21.4	2.501	3.291	11.9	21.1
11 27	6 24.32	+13 20.0	2.420	3.295	9.3	20.9
12 7	6 17.65	+13 25.4	2.364	3.300	6.3	20.7
12 17	6 9.75	+13 37.6	2.335	3.304	3.6	20.6
12 27	6 1.38	+13 56.5	2.337	3.308	3.2	20.6
1 6	5 53.37	+14 21.2	2.369	3.312	5.7	20.7
1 16	5 46.48	+14 50.5	2.429	3.316	8.6	20.9
1 26	5 41.32	+15 23.3	2.515	3.320	11.3	21.1

415332 2013 HN_{55} 12 22.8 118°.85 5°.4/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.92	+41 7.6	2.688	3.451	11.9	22.9
11 27	6 31.91	+41 54.4	2.624	3.471	9.6	22.7
12 7	6 22.55	+42 31.4	2.584	3.490	7.4	22.6
12 17	6 11.59	+42 53.9	2.571	3.509	5.7	22.5
12 27	6 0.10	+42 59.3	2.588	3.527	5.5	22.6
1 6	5 49.25	+42 47.5	2.635	3.545	7.0	22.7
1 16	5 40.04	+42 21.3	2.709	3.562	9.1	22.8
1 26	5 33.20	+41 45.0	2.809	3.578	11.1	23.0

385351 2002 PM_{29} 12 22.8 54°.74 0°.1/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.59	+24 21.7	1.170	2.002	20.2	20.8
11 27	6 33.58	+24 11.7	1.130	2.031	15.2	20.5
12 7	6 23.99	+24 0.9	1.109	2.061	9.6	20.3
12 17	6 12.12	+23 47.3	1.111	2.091	3.6	20.1
12 27	5 59.84	+23 30.4	1.140	2.121	2.5	20.1
1 6	5 49.03	+23 11.4	1.195	2.152	8.2	20.5
1 16	5 41.06	+22 53.2	1.275	2.182	13.1	20.9
1 26	5 36.69	+22 38.2	1.376	2.212	17.1	21.2

143991 2003 YO_{179} 12 22.8 328°.78 0°.2/22.7 06 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 8.31	+31 44.8	38.773	39.559	0.9	22.0
11 27	6 7.47	+31 46.8	38.682	39.557	0.7	21.9
12 7	6 6.52	+31 48.6	38.618	39.555	0.4	21.9
12 17	6 5.52	+31 49.9	38.584	39.552	0.3	21.9
12 27	6 4.49	+31 50.8	38.580	39.550	0.2	21.9
1 6	6 3.48	+31 51.3	38.606	39.548	0.4	21.9
1 16	6 2.52	+31 51.4	38.663	39.545	0.6	21.9
1 26	6 1.66	+31 51.1	38.747	39.543	0.8	22.0

351378 2005 EM_{67} 12 22.8 257°.77 5°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.55	+ 9 23.1	1.969	2.759	14.7	21.2
11 27	6 26.69	+ 8 54.0	1.876	2.745	11.8	21.0
12 7	6 19.49	+ 8 34.8	1.805	2.732	8.6	20.8
12 17	6 10.55	+ 8 27.9	1.760	2.718	6.0	20.6
12 27	6 0.81	+ 8 34.7	1.744	2.704	5.7	20.5
1 6	5 51.39	+ 8 55.2	1.756	2.689	8.1	20.6
1 16	5 43.34	+ 9 27.8	1.794	2.675	11.5	20.8
1 26	5 37.50	+10 10.2	1.856	2.660	14.7	21.0

361898 2008 GN_5 12 22.8 179°.42 1°.7/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.06	+28 28.5	2.354	3.151	12.3	22.2
11 27	6 28.30	+28 40.9	2.270	3.152	9.5	22.0
12 7	6 20.33	+28 50.2	2.209	3.153	6.2	21.8
12 17	6 10.81	+28 54.1	2.177	3.153	2.8	21.6
12 27	6 0.69	+28 51.0	2.175	3.153	2.3	21.5
1 6	5 51.04	+28 41.0	2.204	3.152	5.6	21.8
1 16	5 42.81	+28 25.4	2.261	3.152	9.0	22.0
1 26	5 36.76	+28 6.7	2.343	3.150	11.9	22.2

49510 1999 CX_{22} 12 22.8 22°.03 3°.0/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.28	+29 29.7	1.504	2.328	16.8	18.4
11 27	6 28.80	+29 57.1	1.438	2.334	12.9	18.2
12 7	6 21.14	+30 20.5	1.393	2.341	8.6	18.0
12 17	6 11.20	+30 35.4	1.373	2.348	4.2	17.7
12 27	6 0.44	+30 38.9	1.380	2.356	3.7	17.7
1 6	5 50.49	+30 30.7	1.413	2.365	7.8	18.0
1 16	5 42.75	+30 13.3	1.472	2.374	12.0	18.2
1 26	5 38.17	+29 50.8	1.553	2.384	15.8	18.5

471197 2010 RT_{59} 12 22.8 88°.82 1°.0/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.76	+21 28.0	1.373	2.189	18.5	22.0
11 27	6 34.15	+21 18.7	1.321	2.214	14.1	21.8
12 7	6 24.29	+21 11.7	1.290	2.239	9.0	21.6
12 17	6 12.28	+21 5.4	1.284	2.263	3.5	21.4
12 27	5 59.75	+20 59.1	1.306	2.287	2.6	21.4
1 6	5 48.39	+20 53.1	1.356	2.310	7.8	21.7
1 16	5 39.53	+20 48.7	1.431	2.332	12.4	22.1
1 26	5 33.98	+20 47.3	1.529	2.354	16.3	22.4

393606 2003 UA_{357} 12 22.8 128°.68 2°.5/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.32	+17 42.0	1.823	2.630	15.0	21.9
11 27	6 28.07	+17 17.6	1.747	2.634	11.6	21.7
12 7	6 20.33	+16 57.1	1.693	2.637	7.6	21.5
12 17	6 10.84	+16 41.1	1.666	2.641	3.7	21.3
12 27	6 0.71	+16 30.2	1.668	2.644	3.2	21.2
1 6	5 51.16	+16 24.9	1.698	2.647	7.0	21.5
1 16	5 43.28	+16 25.3	1.756	2.650	10.9	21.7
1 26	5 37.86	+16 31.5	1.837	2.653	14.3	21.9

457468 2008 UY_{218} 12 22.8 147°.94 3°.3/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.95	+33 9.1	2.572	3.362	11.6	21.5
11 27	6 27.42	+33 45.3	2.491	3.366	9.0	21.3
12 7	6 19.77	+34 16.6	2.435	3.369	6.3	21.2
12 17	6 10.61	+34 39.8	2.407	3.373	3.8	21.0
12 27	6 0.86	+34 52.3	2.409	3.376	3.6	21.0
1 6	5 51.53	+34 53.6	2.441	3.379	5.9	21.1
1 16	5 43.54	+34 45.0	2.501	3.382	8.7	21.3
1 26	5 37.63	+34 29.2	2.587	3.384	11.2	21.5

446827 2001 QL_{162} 12 22.8 101°.65 4°.0/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.42	+10 49.9	2.202	2.984	13.5	22.2
11 27	6 27.51	+10 39.8	2.140	3.008	10.6	22.0
12 7	6 19.65	+10 38.7	2.103	3.032	7.4	21.9
12 17	6 10.51	+10 47.2	2.092	3.055	4.7	21.7
12 27	6 0.98	+11 5.2	2.112	3.077	4.2	21.7
1 6	5 52.04	+11 31.6	2.161	3.099	6.6	21.9
1 16	5 44.48	+12 4.7	2.239	3.120	9.5	22.1
1 26	5 38.94	+12 42.7	2.342	3.141	12.2	22.4

58070 1034 $T\text{-}_2$ 12 22.8 3°.19 8°.9/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.05	+11 39.8	0.766	1.643	23.4	18.0
11 27	6 19.35	+10 20.6	0.718	1.639	18.8	17.7
12 7	6 15.77	+ 9 17.2	0.687	1.638	13.9	17.4
12 17	6 9.32	+ 8 38.3	0.672	1.640	9.7	17.2
12 27	6 1.82	+ 8 29.4	0.677	1.646	9.3	17.3
1 6	5 55.33	+ 8 50.5	0.701	1.654	12.9	17.5
1 16	5 51.54	+ 9 36.6	0.744	1.666	17.7	17.8
1 26	5 51.50	+10 39.5	0.802	1.681	22.1	18.1

368070 2012 JF_{41} 12 22.8 46°.99 5°.3/24.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.46	+ 5 2.1	2.208	2.980	13.8	20.0
11 27	6 25.48	+ 5 16.2	2.129	2.984	11.2	19.8
12 7	6 18.51	+ 5 44.9	2.074	2.989	8.4	19.6
12 17	6 10.14	+ 6 28.9	2.044	2.994	6.0	19.5
12 27	6 1.21	+ 7 27.4	2.044	2.999	5.4	19.5
1 6	5 52.66	+ 8 37.9	2.074	3.005	7.3	19.6
1 16	5 45.35	+ 9 56.6	2.131	3.010	10.0	19.8
1 26	5 39.97	+11 19.7	2.214	3.015	12.7	20.0

50419 2000 DL_7 12 22.8 284°.74 6°.1/21.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.49	+39 9.0	2.309	3.091	13.0	18.4
11 27	6 30.09	+40 18.7	2.217	3.077	10.6	18.2
12 7	6 21.90	+41 21.6	2.149	3.064	8.1	18.1
12 17	6 11.55	+42 11.5	2.107	3.051	6.3	17.9
12 27	6 0.13	+42 43.5	2.094	3.037	6.4	17.9
1 6	5 49.01	+42 55.5	2.110	3.024	8.2	18.0
1 16	5 39.49	+42 49.0	2.152	3.010	10.8	18.1
1 26	5 32.60	+42 28.3	2.217	2.997	13.4	18.3

454762 2014 WU_{115} 12 22.8 335°.04 5°.9/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.86	+ 9 51.6	1.854	2.656	15.0	20.4
11 27	6 23.96	+ 9 0.0	1.769	2.645	12.0	20.2
12 7	6 17.77	+ 8 17.2	1.706	2.635	8.9	20.0
12 17	6 9.92	+ 7 46.5	1.669	2.625	6.4	19.8
12 27	6 1.37	+ 7 30.5	1.659	2.616	6.2	19.8
1 6	5 53.22	+ 7 30.1	1.676	2.608	8.6	19.9
1 16	5 46.48	+ 7 44.7	1.718	2.600	11.8	20.1
1 26	5 41.96	+ 8 11.8	1.783	2.593	15.0	20.3

237882 2002 LZ_{9} 12 22.8 124°.40 1°.1/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.26	+19 18.9	2.226	3.019	13.1	21.5
11 27	6 29.03	+19 25.9	2.157	3.038	10.0	21.3
12 7	6 20.69	+19 36.1	2.112	3.056	6.4	21.1
12 17	6 10.93	+19 48.4	2.095	3.073	2.6	20.9
12 27	6 0.70	+20 1.7	2.110	3.089	2.0	20.9
1 6	5 51.04	+20 15.4	2.155	3.105	5.6	21.2
1 16	5 42.83	+20 29.4	2.229	3.120	9.1	21.4
1 26	5 36.77	+20 43.7	2.328	3.134	12.0	21.6

92044 1999 VL_{196} 12 22.8 99°.87 0°.8/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.76	+20 28.0	2.206	3.008	12.9	20.1
11 27	6 26.50	+20 32.5	2.132	3.019	9.8	19.9
12 7	6 19.16	+20 39.5	2.083	3.029	6.3	19.7
12 17	6 10.38	+20 48.0	2.061	3.039	2.5	19.5
12 27	6 1.09	+20 57.2	2.069	3.049	1.8	19.4
1 6	5 52.30	+21 6.4	2.107	3.059	5.6	19.7
1 16	5 44.90	+21 15.7	2.173	3.068	9.0	19.9
1 26	5 39.57	+21 25.6	2.264	3.078	12.1	20.1

203261 2001 QA_{187} 12 22.8 56°.64 0°.2/22.8 17 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.30	+25 1.2	2.228	3.031	12.7	19.4
11 27	6 26.78	+24 29.6	2.160	3.047	9.7	19.2
12 7	6 19.22	+23 55.6	2.116	3.063	6.1	19.0
12 17	6 10.36	+23 19.1	2.100	3.079	2.3	18.8
12 27	6 1.14	+22 40.8	2.115	3.095	1.6	18.8
1 6	5 52.56	+22 2.3	2.159	3.112	5.4	19.1
1 16	5 45.47	+21 25.7	2.233	3.128	8.8	19.3
1 26	5 40.48	+20 52.8	2.331	3.145	11.8	19.5

81885 2000 LC_{19} 12 22.8 168°.61 1°.5/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.35	+20 17.6	2.347	3.143	12.4	19.9
11 27	6 27.56	+19 46.7	2.264	3.146	9.5	19.7
12 7	6 19.76	+19 16.3	2.205	3.149	6.2	19.5
12 17	6 10.59	+18 46.8	2.175	3.151	2.7	19.3
12 27	6 0.94	+18 18.9	2.175	3.153	2.3	19.2
1 6	5 51.77	+17 53.9	2.207	3.155	5.6	19.5
1 16	5 43.94	+17 32.8	2.267	3.156	9.0	19.7
1 26	5 38.12	+17 16.6	2.352	3.157	11.9	19.9

442226 2011 KG_{26} 12 22.8 218°.02 1°.6/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.59	+25 55.0	1.817	2.624	15.0	22.0
11 27	6 30.98	+26 27.8	1.730	2.619	11.6	21.8
12 7	6 22.47	+27 1.1	1.667	2.613	7.5	21.5
12 17	6 11.76	+27 31.1	1.630	2.607	3.2	21.3
12 27	6 0.06	+27 54.3	1.622	2.600	2.6	21.2
1 6	5 48.83	+28 9.0	1.643	2.594	7.0	21.5
1 16	5 39.40	+28 16.1	1.691	2.586	11.2	21.7
1 26	5 32.77	+28 17.8	1.763	2.579	14.9	21.9

475811 2006 YZ_{28} 12 22.8 353°.40 2°.8/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.88	+27 26.3	1.130	1.976	19.7	20.7
11 27	6 28.77	+27 58.1	1.061	1.970	15.3	20.4
12 7	6 21.72	+28 28.8	1.012	1.965	10.1	20.1
12 17	6 11.61	+28 53.2	0.984	1.962	4.6	19.8
12 27	6 0.21	+29 6.5	0.981	1.960	3.9	19.8
1 6	5 49.64	+29 7.3	1.002	1.959	9.3	20.1
1 16	5 41.78	+28 57.9	1.046	1.959	14.7	20.4
1 26	5 37.86	+28 42.7	1.109	1.960	19.3	20.7

269706 1997 WX_{7} 12 22.8 85°.01 2°.1/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.72	+19 41.5	1.658	2.463	16.3	19.7
11 27	6 32.01	+19 7.7	1.605	2.492	12.4	19.6
12 7	6 22.67	+18 36.4	1.575	2.520	8.0	19.4
12 17	6 11.66	+18 7.9	1.572	2.548	3.5	19.2
12 27	6 0.31	+17 43.3	1.597	2.575	3.0	19.2
1 6	5 49.94	+17 23.6	1.652	2.602	7.0	19.5
1 16	5 41.64	+17 9.9	1.734	2.628	11.0	19.8
1 26	5 36.09	+17 2.7	1.839	2.653	14.4	20.1

481378 2006 KD_{87} 12 22.8 254°.42 5°.8/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.95	+ 8 31.7	1.824	2.616	15.6	21.4
11 27	6 27.14	+ 8 6.4	1.738	2.608	12.6	21.2
12 7	6 19.86	+ 7 53.0	1.674	2.599	9.3	21.0
12 17	6 10.75	+ 7 54.0	1.634	2.591	6.5	20.8
12 27	6 0.84	+ 8 10.6	1.623	2.582	6.1	20.8
1 6	5 51.31	+ 8 42.1	1.639	2.573	8.6	20.9
1 16	5 43.27	+ 9 26.2	1.682	2.564	12.0	21.1
1 26	5 37.60	+10 19.8	1.747	2.555	15.3	21.3

48311 2002 NF_{3} 12 22.8 57°.64 0°.6/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.87	+24 45.0	2.075	2.883	13.4	18.9
11 27	6 26.73	+24 56.3	2.008	2.898	10.2	18.7
12 7	6 19.36	+25 7.2	1.965	2.913	6.5	18.5
12 17	6 10.47	+25 15.8	1.950	2.929	2.5	18.3
12 27	6 1.10	+25 20.8	1.964	2.944	1.8	18.2
1 6	5 52.32	+25 21.9	2.007	2.960	5.7	18.5
1 16	5 45.08	+25 20.0	2.079	2.976	9.3	18.8
1 26	5 40.09	+25 16.5	2.174	2.992	12.3	19.0

179236 2001 UC_{71} 12 22.8 138°.46 2°.0/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.10	+18 25.4	2.061	2.864	13.6	20.8
11 27	6 26.92	+18 7.9	1.982	2.868	10.5	20.6
12 7	6 19.51	+17 53.5	1.926	2.871	6.8	20.4
12 17	6 10.55	+17 42.5	1.898	2.874	3.2	20.2
12 27	6 1.02	+17 35.1	1.899	2.877	2.7	20.2
1 6	5 51.99	+17 31.4	1.930	2.879	6.2	20.4
1 16	5 44.42	+17 31.9	1.988	2.882	9.8	20.6
1 26	5 39.03	+17 36.5	2.071	2.885	13.0	20.8

256610 2007 VN_{87} 12 22.8 143°.32 1°.9/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.65	+27 48.9	1.540	2.351	17.1	21.4
11 27	6 34.28	+27 59.8	1.469	2.359	13.2	21.2
12 7	6 24.59	+28 7.2	1.421	2.367	8.5	20.9
12 17	6 12.52	+28 7.3	1.397	2.374	3.7	20.7
12 27	5 59.63	+27 57.6	1.402	2.381	2.9	20.6
1 6	5 47.63	+27 38.7	1.436	2.388	7.6	20.9
1 16	5 37.98	+27 13.7	1.495	2.393	12.2	21.2
1 26	5 31.64	+26 47.0	1.578	2.398	16.1	21.5

182635 2001 UL_{148} 12 22.8 357°.22 1°.2/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.64	+25 33.8	1.822	2.636	14.7	20.4
11 27	6 27.83	+25 53.3	1.743	2.635	11.3	20.2
12 7	6 20.35	+26 12.5	1.686	2.634	7.3	20.0
12 17	6 10.93	+26 28.7	1.656	2.634	2.9	19.7
12 27	6 0.73	+26 39.7	1.654	2.634	2.3	19.7
1 6	5 51.07	+26 44.6	1.681	2.634	6.6	19.9
1 16	5 43.13	+26 44.4	1.734	2.634	10.7	20.2
1 26	5 37.81	+26 41.0	1.812	2.635	14.2	20.4

420017 2011 CU_{75} 12 22.8 259°.87 2°.3/23.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.34	+13 26.6	2.881	3.659	10.8	21.5
11 27	6 25.97	+13 47.0	2.766	3.635	8.4	21.3
12 7	6 18.82	+14 14.7	2.676	3.611	5.7	21.1
12 17	6 10.32	+14 49.2	2.615	3.586	3.1	20.9
12 27	6 1.14	+15 29.7	2.586	3.560	2.6	20.8
1 6	5 52.05	+16 14.5	2.589	3.534	5.2	20.9
1 16	5 43.83	+17 2.3	2.623	3.507	8.1	21.1
1 26	5 37.15	+17 51.6	2.683	3.480	10.9	21.2

181601 2006 WA_{39} 12 22.8 154°.72 0°.7/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.69	+21 6.3	2.091	2.895	13.4	21.4
11 27	6 27.41	+21 9.7	2.010	2.897	10.3	21.2
12 7	6 19.86	+21 15.1	1.953	2.900	6.6	21.0
12 17	6 10.70	+21 21.7	1.924	2.902	2.6	20.7
12 27	6 0.92	+21 28.3	1.924	2.905	1.9	20.7
1 6	5 51.62	+21 34.6	1.954	2.907	5.9	20.9
1 16	5 43.78	+21 40.7	2.012	2.908	9.6	21.2
1 26	5 38.17	+21 47.3	2.095	2.910	12.8	21.4

514462 2016 UG_{106} 12 22.8 133°.09 0°.9/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.32	+25 41.6	1.856	2.657	15.0	22.6
11 27	6 32.62	+25 48.1	1.787	2.672	11.5	22.4
12 7	6 23.22	+25 53.0	1.740	2.686	7.3	22.2
12 17	6 11.95	+25 53.6	1.722	2.700	2.9	21.9
12 27	6 0.08	+25 48.4	1.732	2.713	2.1	21.9
1 6	5 48.99	+25 37.8	1.773	2.725	6.5	22.2
1 16	5 39.82	+25 23.5	1.842	2.736	10.5	22.5
1 26	5 33.39	+25 8.3	1.935	2.747	13.9	22.7

521456 2015 OY_{90} 12 22.8 45°.54 3°.2/22.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.54	+28 31.1	1.669	2.483	15.8	21.0
11 27	6 30.41	+29 27.2	1.596	2.487	12.2	20.7
12 7	6 22.19	+30 22.4	1.546	2.491	8.1	20.5
12 17	6 11.68	+31 11.2	1.522	2.495	4.2	20.3
12 27	6 0.21	+31 48.6	1.526	2.500	3.9	20.3
1 6	5 49.36	+32 12.4	1.557	2.505	7.7	20.5
1 16	5 40.52	+32 23.5	1.615	2.509	11.7	20.8
1 26	5 34.71	+32 25.2	1.696	2.514	15.2	21.0

438660 2008 DF_{89} 12 22.8 253°.24 0°.5/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.22	+21 2.3	1.651	2.462	16.1	22.2
11 27	6 31.00	+21 17.4	1.557	2.448	12.5	21.9
12 7	6 22.68	+21 36.9	1.484	2.432	8.1	21.7
12 17	6 11.93	+21 58.6	1.438	2.417	3.1	21.3
12 27	5 59.99	+22 20.3	1.420	2.401	2.3	21.2
1 6	5 48.40	+22 40.2	1.430	2.384	7.4	21.5
1 16	5 38.63	+22 58.0	1.467	2.367	12.3	21.7
1 26	5 31.81	+23 14.7	1.527	2.349	16.4	22.0

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
394122 2006 FT_{13}		12 22.8 291°.43	0°.3/22.8 18			
	h m	° ′			°	m
11 17	6 33.32	+22 7.4	1.629	2.447	16.0	21.9
11 27	6 28.81	+22 14.1	1.535	2.430	12.3	21.6
12 7	6 21.27	+22 23.5	1.463	2.413	8.0	21.3
12 17	6 11.40	+22 33.7	1.417	2.396	3.1	21.0
12 27	6 0.39	+22 43.0	1.398	2.379	2.2	20.9
1 6	5 49.76	+22 50.5	1.407	2.362	7.4	21.1
1 16	5 40.92	+22 56.6	1.442	2.346	12.2	21.4
1 26	5 34.99	+23 2.6	1.500	2.329	16.3	21.6
475814 2006 YL_{52}		12 22.8 358°.65	0°.3/22.9 18			
11 17	6 31.58	+21 2.9	1.164	2.006	19.5	21.1
11 27	6 28.23	+21 25.4	1.096	2.003	15.0	20.8
12 7	6 21.22	+21 54.5	1.047	2.001	9.7	20.5
12 17	6 11.41	+22 27.3	1.021	2.000	3.7	20.2
12 27	6 0.42	+23 0.2	1.019	2.000	2.6	20.1
1 6	5 50.18	+23 30.4	1.043	2.001	8.7	20.5
1 16	5 42.41	+23 57.0	1.089	2.004	14.1	20.8
1 26	5 38.28	+24 20.8	1.156	2.007	18.7	21.1
364737 2007 VV_{212}		12 22.8 65°.26	1°.4/22.9 18			
11 17	6 38.51	+19 23.4	1.179	2.009	20.2	21.0
11 27	6 32.95	+19 33.5	1.131	2.031	15.4	20.8
12 7	6 23.80	+19 50.1	1.102	2.053	9.8	20.5
12 17	6 12.22	+20 11.0	1.097	2.075	3.9	20.2
12 27	5 59.96	+20 33.6	1.117	2.098	2.9	20.2
1 6	5 48.91	+20 56.0	1.164	2.120	8.4	20.6
1 16	5 40.55	+21 17.9	1.235	2.143	13.4	21.0
1 26	5 35.78	+21 39.7	1.328	2.165	17.6	21.3
10214 1997 RT_{9}		12 22.8 18°.24	4°.2/22.9 18			
11 17	6 29.34	+14 52.7	1.335	2.166	18.2	16.9
11 27	6 25.72	+14 25.0	1.275	2.173	14.1	16.7
12 7	6 19.15	+14 6.4	1.236	2.182	9.6	16.5
12 17	6 10.50	+13 58.7	1.220	2.192	5.3	16.3
12 27	6 1.15	+14 2.5	1.230	2.204	4.7	16.3
1 6	5 52.59	+14 17.2	1.265	2.216	8.6	16.5
1 16	5 46.09	+14 41.2	1.324	2.229	12.9	16.8
1 26	5 42.51	+15 12.3	1.405	2.244	16.7	17.1
381001 2006 TZ_{64}		12 22.8 258°.62	4°.3/22.9 18			
11 17	6 39.02	+32 44.8	1.438	2.254	17.9	20.9
11 27	6 33.62	+33 8.2	1.362	2.251	14.0	20.6
12 7	6 24.50	+33 23.9	1.307	2.249	9.6	20.4
12 17	6 12.60	+33 26.1	1.276	2.247	5.4	20.1
12 27	5 59.61	+33 10.7	1.272	2.245	4.9	20.1
1 6	5 47.49	+32 38.4	1.294	2.242	8.8	20.3
1 16	5 37.93	+31 53.9	1.342	2.240	13.3	20.6
1 26	5 32.04	+31 4.0	1.411	2.238	17.3	20.8
427094 2014 UY_{46}		12 22.8 68°.44	0°.8/22.9 17			
11 17	6 30.55	+20 53.0	2.232	3.036	12.7	21.1
11 27	6 25.61	+20 49.8	2.155	3.043	9.7	20.9
12 7	6 18.63	+20 48.6	2.102	3.049	6.2	20.7
12 17	6 10.23	+20 48.5	2.077	3.055	2.5	20.5
12 27	6 1.32	+20 49.1	2.081	3.061	1.8	20.4
1 6	5 52.88	+20 50.3	2.115	3.068	5.5	20.7
1 16	5 45.79	+20 52.2	2.178	3.074	9.0	20.9
1 26	5 40.72	+20 55.6	2.265	3.080	12.0	21.1
115941 2003 WE_{29}		12 22.8 327°.06	4°.4/22.6 18			
11 17	6 33.31	+34 45.9	2.185	2.982	13.2	19.8
11 27	6 28.22	+35 28.9	2.102	2.978	10.4	19.6
12 7	6 20.56	+36 5.9	2.042	2.974	7.4	19.5
12 17	6 11.03	+36 32.4	2.009	2.971	4.9	19.3
12 27	6 0.72	+36 45.0	2.004	2.967	4.7	19.3
1 6	5 50.86	+36 43.0	2.029	2.964	7.1	19.4
1 16	5 42.61	+36 28.0	2.080	2.961	10.1	19.6
1 26	5 36.83	+36 3.9	2.155	2.958	13.0	19.8
414579 2009 SG_{360}		12 22.8 27°.29	2°.6/22.5 17			
11 17	6 32.73	+28 4.8	1.930	2.740	14.2	20.4
11 27	6 27.84	+28 53.6	1.856	2.745	10.9	20.2
12 7	6 20.35	+29 41.4	1.805	2.750	7.2	20.0
12 17	6 10.95	+30 24.0	1.781	2.755	3.6	19.8
12 27	6 0.79	+30 57.7	1.785	2.761	3.2	19.8
1 6	5 51.13	+31 20.7	1.819	2.767	6.7	20.0
1 16	5 43.15	+31 33.5	1.879	2.773	10.3	20.2
1 26	5 37.72	+31 38.5	1.964	2.779	13.6	20.5
259287 2003 ED_{21}		12 22.8 285°.05	6°.9/22.7 18			
11 17	6 37.85	+41 21.3	2.002	2.785	14.7	20.3
11 27	6 32.26	+42 8.0	1.913	2.771	12.1	20.1
12 7	6 23.45	+42 43.7	1.845	2.758	9.4	19.9
12 17	6 12.20	+43 1.7	1.802	2.744	7.3	19.7
12 27	5 59.87	+42 57.0	1.787	2.731	7.2	19.7
1 6	5 48.11	+42 29.2	1.799	2.717	9.1	19.8
1 16	5 38.41	+41 41.9	1.837	2.704	12.0	19.9
1 26	5 31.84	+40 41.6	1.898	2.691	14.8	20.1

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
450688 2006 VT_{173}		12 22.8 54°.74	0°.3/22.8 18			
	h m	° ′			°	m
11 17	6 33.05	+23 46.8	1.810	2.623	14.8	21.8
11 27	6 28.01	+23 57.2	1.738	2.631	11.3	21.6
12 7	6 20.39	+24 8.1	1.689	2.638	7.2	21.4
12 17	6 10.94	+24 17.7	1.667	2.646	2.7	21.1
12 27	6 0.83	+24 24.2	1.673	2.654	2.0	21.1
1 6	5 51.35	+24 27.2	1.708	2.662	6.4	21.4
1 16	5 43.61	+24 27.6	1.769	2.670	10.5	21.6
1 26	5 38.44	+24 26.8	1.855	2.678	13.9	21.9
56100 Luisapolli		12 22.8 293°.08	1°.1/22.8 18			
11 17	6 34.32	+24 20.1	1.526	2.348	16.7	18.6
11 27	6 29.84	+24 45.5	1.436	2.333	12.9	18.3
12 7	6 22.08	+25 13.3	1.368	2.318	8.4	18.0
12 17	6 11.75	+25 39.9	1.325	2.304	3.3	17.6
12 27	6 0.17	+26 1.9	1.309	2.289	2.6	17.6
1 6	5 49.00	+26 17.3	1.320	2.275	7.8	17.8
1 16	5 39.82	+26 26.5	1.357	2.261	12.7	18.1
1 26	5 33.82	+26 31.7	1.416	2.247	17.0	18.3
445336 2010 JP_{79}		12 22.8 103°.90	5°.9/23.1 16			
11 17	6 33.54	+ 6 36.9	2.150	2.922	14.2	22.1
11 27	6 27.62	+ 5 55.2	2.091	2.945	11.4	21.9
12 7	6 19.75	+ 5 24.9	2.055	2.969	8.6	21.8
12 17	6 10.61	+ 5 8.2	2.046	2.991	6.4	21.7
12 27	6 1.11	+ 5 6.5	2.067	3.013	6.1	21.7
1 6	5 52.22	+ 5 19.3	2.115	3.035	7.9	21.9
1 16	5 44.74	+ 5 44.9	2.192	3.056	10.4	22.1
1 26	5 39.28	+ 6 20.5	2.292	3.076	12.9	22.3
76643 2000 HH_{23}		12 22.8 0°.72	7°.4/21.3 17			
11 17	6 37.51	+40 35.8	2.118	2.899	14.1	18.7
11 27	6 32.00	+42 19.3	2.043	2.898	11.6	18.6
12 7	6 23.34	+43 55.2	1.991	2.898	9.2	18.4
12 17	6 12.21	+45 15.4	1.966	2.898	7.6	18.3
12 27	5 59.84	+46 13.2	1.969	2.898	7.7	18.3
1 6	5 47.81	+46 45.7	2.000	2.899	9.5	18.4
1 16	5 37.65	+46 54.8	2.056	2.900	11.9	18.6
1 26	5 30.49	+46 45.5	2.134	2.901	14.3	18.8
269881 2000 GF_{15}		12 22.8 152°.92	2°.0/22.8 18			
11 17	6 39.00	+28 36.1	2.274	3.063	13.0	21.7
11 27	6 32.09	+29 2.4	2.197	3.075	10.0	21.5
12 7	6 22.79	+29 25.7	2.145	3.086	6.5	21.3
12 17	6 11.81	+29 42.8	2.121	3.096	3.1	21.1
12 27	6 0.23	+29 51.4	2.129	3.105	2.6	21.1
1 6	5 49.23	+29 51.0	2.167	3.113	5.9	21.3
1 16	5 39.83	+29 43.1	2.234	3.120	9.3	21.5
1 26	5 32.80	+29 30.6	2.327	3.127	12.2	21.7
486324 2013 CN_{127}		12 22.8 291°.83	0°.4/22.9 18			
11 17	6 33.08	+20 0.1	1.811	2.622	14.9	21.0
11 27	6 28.23	+20 32.2	1.725	2.616	11.5	20.8
12 7	6 20.70	+21 10.3	1.661	2.609	7.4	20.5
12 17	6 11.15	+21 51.9	1.625	2.603	2.8	20.2
12 27	6 0.68	+22 34.3	1.617	2.597	2.0	20.2
1 6	5 50.59	+23 14.7	1.638	2.592	6.6	20.4
1 16	5 42.12	+23 51.9	1.686	2.586	10.9	20.7
1 26	5 36.22	+24 25.8	1.758	2.580	14.6	20.9
332022 2005 OZ_{4}		12 22.8 127°.98	1°.0/22.9 18			
11 17	6 39.63	+26 27.6	1.829	2.630	15.2	21.8
11 27	6 32.89	+26 28.4	1.760	2.646	11.6	21.6
12 7	6 23.41	+26 26.5	1.715	2.661	7.4	21.3
12 17	6 12.06	+26 19.4	1.697	2.675	2.9	21.1
12 27	6 0.14	+26 6.1	1.709	2.689	2.2	21.1
1 6	5 49.04	+25 47.1	1.751	2.702	6.5	21.4
1 16	5 39.93	+25 24.9	1.820	2.715	10.6	21.6
1 26	5 33.59	+25 2.4	1.914	2.726	14.0	21.9
230021 2000 HS_{78}		12 22.8 166°.33	2°.5/23.2 18			
11 17	6 36.32	+14 6.2	2.139	2.925	13.8	21.1
11 27	6 30.08	+14 24.7	2.057	2.931	10.7	20.9
12 7	6 21.56	+14 51.6	1.999	2.936	7.2	20.7
12 17	6 11.39	+15 25.8	1.968	2.940	3.7	20.5
12 27	6 0.56	+16 6.0	1.969	2.944	3.0	20.4
1 6	5 50.16	+16 50.0	2.000	2.947	6.3	20.6
1 16	5 41.18	+17 35.9	2.061	2.949	9.8	20.9
1 26	5 34.41	+18 22.4	2.147	2.950	13.0	21.1
512163 2015 RS_{48}		12 22.8 147°.88	7°.1/23.1 18			
11 17	6 42.87	+43 31.2	2.136	2.900	14.5	21.5
11 27	6 35.70	+44 17.2	2.064	2.908	12.0	21.3
12 7	6 25.40	+44 49.9	2.014	2.916	9.4	21.2
12 17	6 12.86	+45 2.9	1.991	2.923	7.5	21.1
12 27	5 59.56	+44 52.2	1.995	2.930	7.3	21.1
1 6	5 47.12	+44 18.2	2.027	2.936	8.9	21.2
1 16	5 36.91	+43 25.5	2.086	2.941	11.3	21.3
1 26	5 29.86	+42 21.0	2.169	2.946	13.7	21.5

480719 2015 TZ_{297} 12 22.8 121.°76 1.°8/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.93	+30 7.5	2.296	3.086	12.8	20.7
11 27	6 31.07	+29 59.9	2.226	3.104	9.8	20.5
12 7	6 22.00	+29 46.7	2.180	3.121	6.4	20.4
12 17	6 11.48	+29 26.0	2.163	3.138	3.0	20.2
12 27	6 0.57	+28 57.3	2.177	3.154	2.4	20.1
1 6	5 50.39	+28 22.0	2.222	3.170	5.6	20.4
1 16	5 41.85	+27 42.7	2.296	3.185	8.9	20.6
1 26	5 35.62	+27 2.8	2.395	3.200	11.8	20.8

418671 2008 TY_{131} 12 22.8 163.°06 0.°1/22.8 17

11 17	6 31.02	+23 59.3	2.561	3.359	11.4	22.2
11 27	6 25.78	+23 55.3	2.477	3.362	8.7	22.0
12 7	6 18.67	+23 50.7	2.418	3.364	5.5	21.8
12 17	6 10.28	+23 44.6	2.387	3.366	2.1	21.6
12 27	6 1.40	+23 36.4	2.387	3.368	1.5	21.5
1 6	5 52.93	+23 26.5	2.417	3.369	5.0	21.8
1 16	5 45.67	+23 15.5	2.477	3.371	8.2	22.0
1 26	5 40.25	+23 4.8	2.562	3.372	10.9	22.2

334824 2003 SN_{331} 12 22.8 67.°00 0.°6/22.9 18

11 17	6 32.48	+19 51.6	2.119	2.922	13.3	20.7
11 27	6 27.10	+20 18.4	2.057	2.943	10.1	20.6
12 7	6 19.58	+20 49.0	2.018	2.964	6.4	20.4
12 17	6 10.62	+21 21.6	2.007	2.985	2.5	20.2
12 27	6 1.18	+21 54.1	2.025	3.006	1.7	20.1
1 6	5 52.30	+22 24.9	2.074	3.027	5.6	20.4
1 16	5 44.89	+22 53.4	2.151	3.048	9.1	20.7
1 26	5 39.62	+23 19.7	2.254	3.069	12.1	20.9

193741 2001 HY_{19} 12 22.8 205.°27 6.°6/22.9 18

11 17	6 28.65	+ 1 25.3	2.703	3.453	12.1	21.5
11 27	6 23.82	+ 0 43.1	2.618	3.449	10.2	21.3
12 7	6 17.37	+ 0 12.4	2.556	3.445	8.2	21.2
12 17	6 9.79	− 0 4.0	2.521	3.440	6.8	21.1
12 27	6 1.75	− 0 4.5	2.513	3.435	6.7	21.1
1 6	5 54.00	+ 0 11.0	2.535	3.430	7.9	21.2
1 16	5 47.21	+ 0 41.2	2.583	3.425	9.8	21.3
1 26	5 41.98	+ 1 23.5	2.655	3.419	11.8	21.4

450677 2006 VA_{41} 12 22.8 0.°23 1.°0/22.8 18

11 17	6 32.61	+24 46.8	1.744	2.561	15.2	21.1
11 27	6 27.94	+25 9.3	1.666	2.560	11.6	20.9
12 7	6 20.52	+25 32.5	1.611	2.560	7.5	20.6
12 17	6 11.09	+25 53.6	1.581	2.560	2.9	20.3
12 27	6 0.83	+26 10.1	1.580	2.560	2.3	20.3
1 6	5 51.11	+26 20.8	1.607	2.561	6.7	20.6
1 16	5 43.18	+26 26.4	1.660	2.561	11.0	20.8
1 26	5 37.94	+26 28.6	1.737	2.563	14.6	21.1

104693 2000 GB_{160} 12 22.8 151.°21 3.°2/22.8 18

11 17	6 32.59	+13 39.1	2.640	3.420	11.6	20.4
11 27	6 26.72	+13 7.6	2.562	3.431	9.0	20.2
12 7	6 19.15	+12 40.9	2.509	3.441	6.2	20.1
12 17	6 10.43	+12 20.0	2.485	3.450	3.8	19.9
12 27	6 1.33	+12 5.9	2.492	3.459	3.5	19.9
1 6	5 52.65	+11 58.8	2.530	3.467	5.8	20.1
1 16	5 45.11	+11 58.8	2.597	3.474	8.5	20.3
1 26	5 39.29	+12 5.3	2.690	3.481	11.0	20.4

441290 2007 XC_{56} 12 22.9 8.°84 7.°5/21.3 17

11 17	6 33.29	+32 39.3	1.219	2.055	19.2	19.9
11 27	6 30.05	+34 45.3	1.160	2.057	15.2	19.6
12 7	6 22.73	+36 49.8	1.121	2.061	11.1	19.4
12 17	6 12.13	+38 40.4	1.105	2.067	7.9	19.3
12 27	6 0.04	+40 5.7	1.114	2.074	8.2	19.3
1 6	5 48.68	+41 0.3	1.148	2.082	11.4	19.5
1 16	5 40.11	+41 25.7	1.205	2.092	15.4	19.8
1 26	5 35.67	+41 28.6	1.280	2.103	19.0	20.0

103638 2000 CJ_{32} 12 22.9 98.°94 5.°6/23.3 18

11 17	6 40.90	+39 11.0	1.967	2.750	14.9	18.8
11 27	6 34.02	+39 35.0	1.902	2.766	11.9	18.6
12 7	6 24.19	+39 47.0	1.860	2.782	8.8	18.5
12 17	6 12.38	+39 41.9	1.845	2.798	6.2	18.3
12 27	6 0.02	+39 17.2	1.857	2.813	5.8	18.4
1 6	5 48.63	+38 34.4	1.898	2.828	7.9	18.5
1 16	5 39.45	+37 38.3	1.967	2.843	10.8	18.7
1 26	5 33.28	+36 35.2	2.059	2.858	13.6	18.9

83003 2001 QK_{160} 12 22.9 64.°91 1.°9/22.9 18

11 17	6 32.51	+18 15.4	1.808	2.618	15.0	19.5
11 27	6 27.51	+18 11.5	1.738	2.627	11.5	19.3
12 7	6 20.04	+18 12.4	1.690	2.636	7.5	19.1
12 17	6 10.85	+18 17.6	1.669	2.646	3.3	18.9
12 27	6 1.06	+18 26.5	1.676	2.655	2.6	18.8
1 6	5 51.86	+18 38.5	1.712	2.664	6.6	19.1
1 16	5 44.33	+18 53.1	1.775	2.674	10.5	19.4
1 26	5 39.24	+19 10.2	1.862	2.684	13.9	19.6

391206 2006 HD_{40} 12 22.9 210.°42 1.°4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.12	+18 54.4	2.129	2.927	13.4	22.5
11 27	6 28.57	+18 55.8	2.039	2.922	10.3	22.2
12 7	6 20.70	+19 1.0	1.972	2.916	6.7	22.0
12 17	6 11.14	+19 9.1	1.932	2.909	2.9	21.7
12 27	6 0.85	+19 19.5	1.923	2.902	2.2	21.7
1 6	5 50.93	+19 31.5	1.944	2.894	6.1	21.9
1 16	5 42.42	+19 44.7	1.993	2.886	9.8	22.1
1 26	5 36.12	+19 59.5	2.067	2.877	13.2	22.3

172687 2003 YQ_{162} 12 22.9 344.°92 6.°0/21.9 17

11 17	6 34.31	+32 50.4	1.466	2.288	17.3	19.4
11 27	6 30.30	+34 16.7	1.390	2.281	13.7	19.2
12 7	6 22.65	+35 40.8	1.335	2.274	9.8	18.9
12 17	6 12.09	+36 54.0	1.304	2.268	6.6	18.8
12 27	6 0.13	+37 48.0	1.300	2.263	6.6	18.7
1 6	5 48.69	+38 19.1	1.322	2.259	9.8	18.9
1 16	5 39.56	+38 28.5	1.367	2.256	13.8	19.1
1 26	5 34.06	+38 21.6	1.434	2.253	17.5	19.4

792 Metcalfia 12 22.9 326.°61 0.°7/22.8 18 A

11 17	6 32.82	+24 8.3	1.559	2.382	16.3	14.1
11 27	6 28.39	+23 33.8	1.474	2.371	12.6	13.8
12 7	6 20.95	+22 56.3	1.410	2.361	8.1	13.5
12 17	6 11.31	+22 15.5	1.372	2.351	3.1	13.2
12 27	6 0.76	+21 32.5	1.361	2.342	2.3	13.1
1 6	5 50.82	+20 49.7	1.377	2.333	7.5	13.4
1 16	5 42.85	+20 10.1	1.420	2.325	12.2	13.7
1 26	5 37.81	+19 36.7	1.485	2.317	16.3	13.9

450878 2008 AF_{23} 12 22.9 319.°81 6.°4/23.2 17

11 17	6 37.62	+39 41.7	1.776	2.570	15.8	20.9
11 27	6 32.22	+40 11.9	1.694	2.563	12.9	20.6
12 7	6 23.48	+40 30.0	1.633	2.556	9.7	20.4
12 17	6 12.27	+40 29.5	1.597	2.550	7.0	20.3
12 27	6 0.09	+40 6.6	1.588	2.544	6.7	20.2
1 6	5 48.69	+39 21.8	1.607	2.538	9.0	20.4
1 16	5 39.57	+38 20.0	1.650	2.532	12.3	20.5
1 26	5 33.74	+37 8.7	1.717	2.526	15.5	20.7

314082 Dryope 12 22.9 220.°02 2.°9/23.1 16

11 17	6 37.72	+12 46.9	2.681	3.447	11.8	23.0
11 27	6 30.88	+12 48.9	2.571	3.432	9.3	22.8
12 7	6 22.02	+12 57.6	2.485	3.415	6.4	22.6
12 17	6 11.64	+13 13.0	2.430	3.397	3.7	22.4
12 27	6 0.52	+13 34.8	2.407	3.377	3.2	22.4
1 6	5 49.57	+14 2.1	2.417	3.356	5.9	22.5
1 16	5 39.68	+14 33.9	2.458	3.334	9.0	22.7
1 26	5 31.58	+15 9.1	2.525	3.310	11.8	22.8

29689 1998 XY_{93} 12 22.9 324.°81 3.°2/22.7 18

11 17	6 33.51	+18 16.2	1.459	2.281	17.3	18.0
11 27	6 28.94	+17 34.0	1.381	2.276	13.5	17.8
12 7	6 21.32	+16 54.6	1.324	2.271	9.0	17.5
12 17	6 11.45	+16 19.8	1.292	2.267	4.5	17.2
12 27	6 0.68	+15 51.5	1.286	2.262	4.0	17.2
1 6	5 50.57	+15 31.2	1.308	2.259	8.4	17.4
1 16	5 42.47	+15 20.3	1.354	2.255	13.0	17.7
1 26	5 37.36	+15 18.7	1.422	2.252	17.0	17.9

414736 2010 AD_{66} 12 22.9 31.°22 4.°9/23.9 17

11 17	6 30.17	+ 6 54.4	2.018	2.802	14.6	20.4
11 27	6 25.47	+ 7 11.1	1.945	2.810	11.7	20.2
12 7	6 18.66	+ 7 42.3	1.895	2.819	8.5	20.0
12 17	6 10.35	+ 8 28.4	1.871	2.827	5.7	19.9
12 27	6 1.47	+ 9 28.1	1.875	2.837	5.1	19.9
1 6	5 53.03	+10 38.5	1.908	2.846	7.3	20.0
1 16	5 45.95	+11 55.8	1.970	2.856	10.3	20.2
1 26	5 40.95	+13 16.1	2.056	2.867	13.2	20.4

228989 2003 WW_{11} 12 22.9 22.°81 2.°3/23.1 17

11 17	6 33.00	+30 56.7	1.951	2.759	14.1	19.7
11 27	6 27.91	+30 49.8	1.877	2.764	10.9	19.5
12 7	6 20.30	+30 36.6	1.825	2.769	7.2	19.2
12 17	6 10.97	+30 14.7	1.801	2.775	3.5	19.0
12 27	6 1.08	+29 43.5	1.805	2.782	2.9	19.0
1 6	5 51.88	+29 4.4	1.838	2.789	6.3	19.2
1 16	5 44.44	+28 20.7	1.898	2.796	10.0	19.5
1 26	5 39.51	+27 35.9	1.983	2.804	13.2	19.7

382170 2012 JB_{20} 12 22.9 175.°61 2.°6/22.9 18

11 17	6 37.08	+16 31.6	1.843	2.641	15.2	22.0
11 27	6 31.02	+16 21.2	1.763	2.644	11.8	21.8
12 7	6 22.34	+16 16.4	1.705	2.646	7.8	21.5
12 17	6 11.78	+16 17.2	1.674	2.648	3.9	21.3
12 27	6 0.47	+16 23.5	1.673	2.649	3.3	21.3
1 6	5 49.71	+16 34.6	1.701	2.649	7.0	21.5
1 16	5 40.64	+16 50.2	1.756	2.648	11.1	21.7
1 26	5 34.13	+17 9.8	1.836	2.646	14.6	22.0

163947 2003 UW_{15} 12 22.9 28°.88 1°.2/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 32.47	+20 21.2	1.448	2.274	17.2	19.6
11 27	6 28.08	+20 21.7	1.383	2.281	13.2	19.4
12 7	6 20.70	+20 26.3	1.339	2.289	8.5	19.1
12 17	6 11.19	+20 33.9	1.319	2.298	3.4	18.8
12 27	6 0.92	+20 43.3	1.327	2.307	2.5	18.8
1 6	5 51.41	+20 53.7	1.361	2.317	7.4	19.1
1 16	5 43.96	+21 4.9	1.421	2.328	12.1	19.4
1 26	5 39.48	+21 17.6	1.503	2.339	16.0	19.7

152634 1997 HN 12 22.9 153°.46 0°.9/22.8 18

11 17	6 32.51	+26 0.1	2.736	3.529	10.9	21.3
11 27	6 26.84	+26 13.7	2.655	3.536	8.3	21.1
12 7	6 19.34	+26 26.1	2.599	3.543	5.3	21.0
12 17	6 10.58	+26 35.6	2.572	3.550	2.2	20.8
12 27	6 1.36	+26 40.9	2.576	3.556	1.7	20.7
1 6	5 52.53	+26 41.9	2.612	3.561	4.8	21.0
1 16	5 44.88	+26 39.0	2.676	3.567	7.8	21.2
1 26	5 39.03	+26 33.8	2.767	3.571	10.4	21.3

459417 2012 PY_{27} 12 22.9 234°.51 7°.4/23.1 18

11 17	6 42.06	+51 20.4	3.015	3.733	11.6	21.7
11 27	6 34.73	+51 59.5	2.923	3.721	10.1	21.5
12 7	6 24.67	+52 24.8	2.853	3.708	8.6	21.4
12 17	6 12.66	+52 31.1	2.809	3.695	7.6	21.3
12 27	5 59.90	+52 14.9	2.793	3.682	7.5	21.3
1 6	5 47.76	+51 36.2	2.804	3.669	8.4	21.3
1 16	5 37.43	+50 38.1	2.842	3.654	9.9	21.4
1 26	5 29.78	+49 26.1	2.904	3.640	11.5	21.5

485033 2009 WU_{218} 12 22.9 137°.71 1°.8/22.7 17

11 17	6 33.39	+27 50.9	2.627	3.420	11.3	21.7
11 27	6 27.66	+28 28.5	2.549	3.429	8.7	21.5
12 7	6 19.95	+29 4.6	2.496	3.438	5.7	21.3
12 17	6 10.84	+29 36.5	2.472	3.447	2.7	21.1
12 27	6 1.19	+30 1.8	2.479	3.455	2.4	21.1
1 6	5 51.92	+30 19.4	2.517	3.463	5.2	21.3
1 16	5 43.90	+30 29.9	2.585	3.471	8.2	21.5
1 26	5 37.81	+30 34.7	2.678	3.478	10.8	21.7

522021 2015 XK_{404} 12 22.9 110°.84 0°.0/22.8 18

11 17	6 34.94	+21 6.1	2.247	3.042	12.9	21.2
11 27	6 28.96	+21 42.4	2.177	3.060	9.8	21.1
12 7	6 20.81	+22 21.8	2.132	3.077	6.2	20.9
12 17	6 11.17	+23 1.9	2.115	3.093	2.3	20.6
12 27	6 0.98	+23 40.2	2.129	3.110	1.6	20.6
1 6	5 51.29	+24 14.9	2.174	3.125	5.5	20.9
1 16	5 43.03	+24 45.4	2.248	3.141	8.9	21.1
1 26	5 36.91	+25 12.1	2.348	3.156	11.9	21.4

488124 2015 VF_{111} 12 22.9 118°.29 1°.3/22.8 18

11 17	6 34.16	+21 6.1	2.073	2.875	13.6	21.2
11 27	6 28.44	+20 41.8	2.000	2.885	10.4	21.0
12 7	6 20.50	+20 18.2	1.950	2.895	6.7	20.8
12 17	6 11.05	+19 55.3	1.928	2.905	2.8	20.5
12 27	6 1.10	+19 33.6	1.935	2.915	2.2	20.5
1 6	5 51.76	+19 13.9	1.973	2.924	6.0	20.8
1 16	5 43.96	+18 57.4	2.039	2.933	9.6	21.0
1 26	5 38.41	+18 45.0	2.129	2.942	12.8	21.2

481489 2007 CK_{57} 12 22.9 303°.42 0°.1/22.9 18

11 17	6 33.87	+21 5.0	1.414	2.240	17.6	21.0
11 27	6 29.71	+21 33.7	1.327	2.226	13.6	20.7
12 7	6 22.16	+22 8.9	1.261	2.212	8.8	20.4
12 17	6 11.93	+22 47.8	1.220	2.199	3.4	20.1
12 27	6 0.37	+23 26.8	1.205	2.186	2.4	20.0
1 6	5 49.21	+24 2.8	1.217	2.173	8.1	20.3
1 16	5 40.09	+24 34.5	1.254	2.161	13.3	20.5
1 26	5 34.28	+25 2.5	1.312	2.149	17.8	20.8

314352 2005 TA_{131} 12 22.9 287°.42 1°.1/22.9 17

11 17	6 31.73	+20 2.7	2.030	2.837	13.7	21.2
11 27	6 26.84	+20 3.3	1.947	2.836	10.5	21.0
12 7	6 19.65	+20 7.0	1.888	2.834	6.8	20.7
12 17	6 10.80	+20 12.9	1.855	2.833	2.8	20.5
12 27	6 1.28	+20 20.2	1.851	2.831	2.1	20.4
1 6	5 52.20	+20 28.6	1.877	2.830	6.0	20.7
1 16	5 44.58	+20 37.8	1.931	2.829	9.9	20.9
1 26	5 39.20	+20 48.3	2.009	2.827	13.2	21.1

311674 2006 SU_{56} 12 22.9 43°.52 4°.4/23.6 18

11 17	6 32.76	+10 46.8	1.518	2.327	17.4	19.8
11 27	6 27.98	+11 1.4	1.462	2.345	13.7	19.6
12 7	6 20.48	+11 30.3	1.426	2.363	9.4	19.4
12 17	6 11.11	+12 13.3	1.415	2.383	5.5	19.2
12 27	6 1.13	+13 8.2	1.431	2.403	4.7	19.2
1 6	5 51.90	+14 11.4	1.475	2.423	7.9	19.4
1 16	5 44.56	+15 18.8	1.544	2.443	11.8	19.7
1 26	5 39.92	+16 27.0	1.637	2.464	15.3	20.0

296814 2009 VF_{112} 12 22.9 51°.12 3°.6/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.31	+13 34.2	1.984	2.785	14.2	20.7
11 27	6 25.59	+13 13.1	1.916	2.796	11.0	20.5
12 7	6 18.73	+12 59.3	1.871	2.808	7.6	20.3
12 17	6 10.42	+12 54.0	1.852	2.820	4.4	20.2
12 27	6 1.61	+12 57.6	1.862	2.832	4.0	20.2
1 6	5 53.34	+13 9.6	1.901	2.845	6.8	20.4
1 16	5 46.52	+13 29.0	1.966	2.857	10.1	20.6
1 26	5 41.82	+13 54.4	2.056	2.870	13.1	20.8

463368 2012 VU_{85} 12 22.9 322°.87 0°.2/22.9 16

11 17	6 10.10	+18 23.9	22.673	23.461	1.5	21.1
11 27	6 8.91	+18 21.6	22.573	23.452	1.1	21.1
12 7	6 7.56	+18 19.6	22.501	23.442	0.7	21.0
12 17	6 6.11	+18 18.0	22.458	23.433	0.3	21.0
12 27	6 4.63	+18 16.7	22.446	23.423	0.3	21.0
1 6	6 3.17	+18 15.8	22.466	23.414	0.7	21.0
1 16	6 1.80	+18 15.3	22.515	23.404	1.0	21.1
1 26	6 0.57	+18 15.1	22.593	23.395	1.4	21.1

517873 2015 RZ_{257} 12 22.9 187°.92 1°.4/22.9 18

11 17	6 35.51	+27 5.1	2.138	2.937	13.3	22.1
11 27	6 29.72	+27 18.2	2.053	2.937	10.2	21.9
12 7	6 21.48	+27 29.2	1.991	2.936	6.6	21.6
12 17	6 11.50	+27 35.6	1.958	2.935	2.8	21.4
12 27	6 0.83	+27 35.6	1.954	2.933	2.2	21.3
1 6	5 50.64	+27 29.0	1.980	2.931	6.0	21.6
1 16	5 42.00	+27 17.2	2.035	2.928	9.7	21.8
1 26	5 35.73	+27 2.7	2.115	2.925	12.9	22.0

446504 2014 KF_{67} 12 22.9 75°.13 1°.1/22.9 18

11 17	6 34.00	+19 29.9	1.794	2.603	15.1	21.1
11 27	6 28.66	+19 39.2	1.729	2.618	11.5	20.9
12 7	6 20.81	+19 52.8	1.687	2.634	7.4	20.7
12 17	6 11.22	+20 9.4	1.671	2.649	3.0	20.4
12 27	6 1.06	+20 27.4	1.684	2.664	2.2	20.4
1 6	5 51.56	+20 45.7	1.726	2.680	6.4	20.7
1 16	5 43.79	+21 4.0	1.796	2.695	10.4	21.0
1 26	5 38.54	+21 22.4	1.889	2.710	13.8	21.2

146024 2000 DS_{26} 12 22.9 352°.50 2°.8/23.0 18

11 17	6 32.63	+17 6.5	1.309	2.138	18.5	19.8
11 27	6 28.63	+16 58.6	1.236	2.135	14.4	19.5
12 7	6 21.34	+16 58.6	1.184	2.133	9.5	19.2
12 17	6 11.57	+17 6.8	1.155	2.131	4.5	19.0
12 27	6 0.77	+17 22.4	1.152	2.130	3.7	18.9
1 6	5 50.63	+17 44.1	1.174	2.129	8.5	19.2
1 16	5 42.67	+18 10.7	1.221	2.129	13.5	19.5
1 26	5 37.95	+18 41.1	1.289	2.130	17.8	19.7

440374 2005 BY_{28} 12 22.9 350°.93 3°.4/22.7 17

11 17	6 31.28	+28 23.4	1.270	2.108	18.4	20.5
11 27	6 28.11	+29 6.5	1.197	2.101	14.3	20.2
12 7	6 21.28	+29 48.5	1.143	2.095	9.5	19.9
12 17	6 11.62	+30 23.8	1.113	2.089	4.7	19.6
12 27	6 0.71	+30 47.1	1.108	2.085	4.2	19.6
1 6	5 50.49	+30 56.3	1.129	2.083	8.9	19.9
1 16	5 42.69	+30 53.1	1.172	2.081	13.8	20.1
1 26	5 38.53	+30 41.7	1.236	2.081	18.1	20.4

225316 1997 LQ_{16} 12 22.9 196°.56 2°.4/22.9 18

11 17	6 30.53	+15 49.8	2.773	3.559	10.9	22.1
11 27	6 25.27	+15 28.7	2.682	3.556	8.5	21.9
12 7	6 18.35	+15 11.0	2.616	3.553	5.7	21.7
12 17	6 10.26	+14 57.4	2.579	3.550	3.1	21.5
12 27	6 1.71	+14 48.4	2.573	3.545	2.7	21.5
1 6	5 53.48	+14 44.1	2.597	3.541	5.2	21.7
1 16	5 46.26	+14 44.8	2.651	3.536	8.1	21.8
1 26	5 40.66	+14 50.2	2.731	3.530	10.6	22.0

128355 2004 GE_{66} 12 22.9 124°.98 0°.6/22.9 18

11 17	6 38.50	+24 38.0	1.818	2.621	15.2	21.5
11 27	6 32.12	+24 46.7	1.749	2.636	11.6	21.3
12 7	6 23.02	+24 54.9	1.704	2.650	7.4	21.1
12 17	6 12.06	+25 0.0	1.686	2.664	2.8	20.9
12 27	6 0.49	+25 0.6	1.697	2.678	2.0	20.8
1 6	5 49.66	+24 56.5	1.738	2.690	6.5	21.1
1 16	5 40.74	+24 49.1	1.806	2.702	10.5	21.4
1 26	5 34.55	+24 40.7	1.899	2.714	14.0	21.7

33834 2000 ES_{158} 12 22.9 52°.09 4°.0/22.6 18

11 17	6 34.17	+16 32.5	1.585	2.398	16.6	17.1
11 27	6 28.84	+15 29.8	1.527	2.416	12.8	16.9
12 7	6 20.89	+14 31.5	1.492	2.434	8.7	16.7
12 17	6 11.23	+13 40.4	1.482	2.453	4.9	16.5
12 27	6 1.12	+12 59.4	1.500	2.471	4.6	16.5
1 6	5 51.86	+12 30.1	1.546	2.491	8.0	16.8
1 16	5 44.54	+12 13.3	1.618	2.510	11.8	17.1
1 26	5 39.87	+12 8.2	1.712	2.529	15.2	17.3

391226 2006 JQ_{32} 12 22.9 106°.53 0°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 37.08	+20 6.3	2.131	2.924	13.6	21.4
11 27	6 30.60	+20 39.4	2.067	2.948	10.3	21.2
12 7	6 21.86	+21 16.2	2.027	2.972	6.6	21.0
12 17	6 11.60	+21 54.3	2.016	2.995	2.5	20.8
12 27	6 0.83	+22 31.0	2.036	3.017	1.7	20.8
1 6	5 50.66	+23 4.8	2.087	3.039	5.7	21.1
1 16	5 42.06	+23 35.1	2.167	3.060	9.2	21.3
1 26	5 35.73	+24 2.1	2.273	3.080	12.2	21.6

435513 2008 HQ_{50} 12 22.9 197°.94 0°.6/22.9 18

11 17	6 36.74	+21 35.0	1.759	2.566	15.5	22.3
11 27	6 31.07	+21 38.5	1.676	2.564	11.9	22.1
12 7	6 22.57	+21 44.4	1.615	2.562	7.7	21.8
12 17	6 11.98	+21 50.9	1.580	2.559	3.0	21.5
12 27	6 0.53	+21 56.7	1.575	2.555	2.1	21.5
1 6	5 49.61	+22 1.2	1.598	2.551	6.9	21.8
1 16	5 40.48	+22 5.0	1.649	2.547	11.2	22.0
1 26	5 34.10	+22 9.2	1.723	2.542	15.0	22.2

121504 1999 TU_{292} 12 22.9 1°.40 5°.4/22.8 17

11 17	6 35.09	+36 56.8	1.964	2.761	14.4	19.8
11 27	6 29.93	+37 41.0	1.887	2.760	11.5	19.6
12 7	6 21.88	+38 16.9	1.832	2.760	8.4	19.4
12 17	6 11.72	+38 39.1	1.803	2.760	5.9	19.3
12 27	6 0.72	+38 43.7	1.802	2.761	5.7	19.2
1 6	5 50.32	+38 30.2	1.829	2.761	8.0	19.4
1 16	5 41.83	+38 1.5	1.882	2.762	11.1	19.6
1 26	5 36.17	+37 22.8	1.958	2.763	14.0	19.8

248208 2005 EP_{83} 12 22.9 300°.14 7°.2/22.8 18

11 17	6 27.95	+ 2 58.1	2.262	3.030	13.7	20.0
11 27	6 23.73	+ 2 7.8	2.172	3.017	11.4	19.8
12 7	6 17.58	+ 1 29.5	2.104	3.003	9.2	19.6
12 17	6 10.04	+ 1 6.8	2.062	2.990	7.5	19.5
12 27	6 1.89	+ 1 2.1	2.046	2.977	7.4	19.5
1 6	5 54.02	+ 1 15.9	2.059	2.964	8.9	19.5
1 16	5 47.25	+ 1 46.8	2.097	2.951	11.2	19.7
1 26	5 42.31	+ 2 31.8	2.158	2.939	13.7	19.8

404813 2014 JM_{67} 12 22.9 225°.79 1°.7/22.9 18

11 17	6 34.10	+18 42.6	2.144	2.941	13.4	21.7
11 27	6 28.60	+18 34.1	2.049	2.931	10.3	21.5
12 7	6 20.79	+18 28.8	1.978	2.921	6.8	21.2
12 17	6 11.29	+18 26.5	1.934	2.910	3.0	21.0
12 27	6 1.03	+18 26.8	1.921	2.899	2.4	20.9
1 6	5 51.12	+18 29.5	1.937	2.887	6.2	21.1
1 16	5 42.58	+18 34.9	1.982	2.875	9.9	21.3
1 26	5 36.23	+18 43.3	2.051	2.862	13.3	21.5

493133 2014 TO_{43} 12 22.9 127°.65 4°.0/22.9 18

11 17	6 30.35	+11 20.3	2.477	3.260	12.2	21.8
11 27	6 25.21	+10 45.0	2.401	3.269	9.6	21.6
12 7	6 18.33	+10 16.3	2.350	3.278	6.9	21.4
12 17	6 10.27	+ 9 55.9	2.327	3.286	4.5	21.3
12 27	6 1.80	+ 9 44.7	2.333	3.294	4.3	21.3
1 6	5 53.75	+ 9 43.2	2.369	3.302	6.4	21.5
1 16	5 46.85	+ 9 50.7	2.433	3.310	9.0	21.6
1 26	5 41.68	+10 6.2	2.523	3.317	11.5	21.8

26623 2000 GK_{82} 12 22.9 219°.26 3°.6/23.1 18

11 17	6 28.61	+ 9 55.3	3.042	3.815	10.4	19.3
11 27	6 23.73	+ 9 39.5	2.945	3.806	8.3	19.1
12 7	6 17.35	+ 9 30.4	2.874	3.797	6.0	19.0
12 17	6 9.92	+ 9 28.9	2.830	3.787	4.0	18.8
12 27	6 2.03	+ 9 35.7	2.817	3.777	3.8	18.8
1 6	5 54.36	+ 9 50.4	2.835	3.766	5.5	18.9
1 16	5 47.55	+10 12.3	2.882	3.755	7.9	19.0
1 26	5 42.14	+10 40.3	2.955	3.744	10.1	19.2

262289 2006 SS_{391} 12 22.9 32°.53 3°.3/22.9 18

11 17	6 31.77	+15 20.3	1.851	2.657	14.8	21.2
11 27	6 26.98	+14 58.8	1.773	2.658	11.5	21.0
12 7	6 19.80	+14 43.5	1.718	2.659	7.8	20.8
12 17	6 10.90	+14 35.3	1.689	2.661	4.2	20.5
12 27	6 1.35	+14 34.7	1.689	2.662	3.7	20.5
1 6	5 52.31	+14 41.6	1.716	2.664	7.1	20.7
1 16	5 44.82	+14 55.5	1.771	2.665	10.8	20.9
1 26	5 39.68	+15 15.4	1.849	2.667	14.2	21.2

62654 2000 SX_{364} 12 22.9 212°.43 1°.2/22.8 18

11 17	6 36.78	+26 0.8	2.027	2.827	13.9	20.6
11 27	6 30.90	+26 18.1	1.936	2.821	10.7	20.4
12 7	6 22.39	+26 34.7	1.869	2.814	6.9	20.1
12 17	6 11.93	+26 47.5	1.829	2.807	2.9	19.8
12 27	6 0.61	+26 54.5	1.819	2.799	2.2	19.8
1 6	5 49.72	+26 54.9	1.839	2.790	6.3	20.0
1 16	5 40.44	+26 49.9	1.887	2.781	10.3	20.3
1 26	5 33.68	+26 41.7	1.959	2.771	13.7	20.5

193020 2000 EE_{51} 12 22.9 175°.36 3°.7/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.21	+35 18.5	2.528	3.314	11.9	20.5
11 27	6 28.53	+35 41.2	2.444	3.314	9.4	20.4
12 7	6 20.64	+35 57.2	2.385	3.315	6.6	20.2
12 17	6 11.19	+36 2.9	2.354	3.316	4.3	20.0
12 27	6 1.16	+35 56.5	2.352	3.316	4.0	20.0
1 6	5 51.61	+35 37.9	2.380	3.316	6.1	20.2
1 16	5 43.50	+35 9.3	2.436	3.316	8.9	20.3
1 26	5 37.56	+34 34.1	2.518	3.316	11.4	20.5

331133 2010 VR_{85} 12 22.9 225°.31 1°.6/22.8 18

11 17	6 37.33	+20 41.9	1.609	2.420	16.5	21.2
11 27	6 31.77	+20 18.9	1.523	2.413	12.7	21.0
12 7	6 23.16	+19 57.2	1.459	2.406	8.3	20.7
12 17	6 12.26	+19 36.6	1.420	2.398	3.5	20.4
12 27	6 0.40	+19 17.3	1.410	2.389	2.8	20.3
1 6	5 49.09	+19 0.3	1.428	2.380	7.6	20.6
1 16	5 39.74	+18 47.1	1.472	2.371	12.3	20.9
1 26	5 33.35	+18 39.2	1.540	2.361	16.4	21.1

298528 2003 WS_{78} 12 22.9 45°.82 2°.7/22.9 17

11 17	6 36.68	+29 28.4	1.407	2.230	17.8	20.5
11 27	6 31.40	+29 42.2	1.355	2.250	13.6	20.3
12 7	6 22.83	+29 50.7	1.323	2.271	8.9	20.1
12 17	6 12.04	+29 50.0	1.316	2.292	4.2	19.9
12 27	6 0.66	+29 38.0	1.336	2.313	3.4	19.9
1 6	5 50.38	+29 15.8	1.382	2.335	7.7	20.2
1 16	5 42.55	+28 47.0	1.454	2.358	12.1	20.5
1 26	5 38.01	+28 16.2	1.548	2.380	15.8	20.8

4143 Huziak 12 22.9 80°.04 0°.2/22.9 18

11 17	6 32.31	+22 21.1	2.245	3.046	12.7	17.5
11 27	6 26.94	+22 28.2	2.178	3.064	9.6	17.4
12 7	6 19.53	+22 36.4	2.136	3.082	6.1	17.2
12 17	6 10.74	+22 44.4	2.121	3.100	2.3	16.9
12 27	6 1.52	+22 51.2	2.137	3.118	1.6	16.9
1 6	5 52.84	+22 56.4	2.183	3.135	5.3	17.2
1 16	5 45.57	+23 0.4	2.257	3.153	8.7	17.5
1 26	5 40.36	+23 4.0	2.356	3.170	11.6	17.7

176431 2001 VT_{106} 12 22.9 243°.04 1°.7/22.9 17

11 17	6 33.95	+27 54.9	2.075	2.879	13.5	20.8
11 27	6 28.67	+28 7.5	1.988	2.874	10.4	20.5
12 7	6 20.92	+28 17.4	1.924	2.869	6.8	20.3
12 17	6 11.36	+28 22.1	1.888	2.864	3.0	20.1
12 27	6 1.06	+28 19.7	1.881	2.859	2.4	20.0
1 6	5 51.22	+28 10.1	1.903	2.854	6.2	20.3
1 16	5 42.96	+27 54.8	1.953	2.849	9.9	20.5
1 26	5 37.09	+27 36.5	2.028	2.843	13.2	20.7

116219 2003 YH 12 22.9 353°.52 14°.2/23.5 17

11 17	6 26.31	−12 37.0	1.842	2.555	18.2	19.1
11 27	6 22.87	−14 8.8	1.778	2.549	16.6	19.0
12 7	6 17.21	−15 15.4	1.732	2.544	15.3	18.9
12 17	6 9.95	−15 49.6	1.706	2.540	14.4	18.8
12 27	6 2.05	−15 46.9	1.700	2.537	14.3	18.8
1 6	5 54.57	−15 7.0	1.715	2.535	14.9	18.8
1 16	5 48.47	−13 53.7	1.751	2.534	16.2	18.9
1 26	5 44.54	−12 14.0	1.805	2.534	17.8	19.0

230610 2003 FF_{73} 12 22.9 239°.59 1°.3/22.9 18

11 17	6 35.18	+19 45.8	1.900	2.703	14.6	21.1
11 27	6 29.80	+19 46.0	1.805	2.691	11.3	20.8
12 7	6 21.77	+19 49.7	1.733	2.679	7.4	20.6
12 17	6 11.73	+19 56.1	1.688	2.665	3.1	20.3
12 27	6 0.77	+20 4.1	1.672	2.652	2.3	20.2
1 6	5 50.17	+20 13.1	1.686	2.638	6.7	20.4
1 16	5 41.12	+20 23.2	1.727	2.623	10.9	20.7
1 26	5 34.58	+20 34.8	1.792	2.608	14.6	20.9

13287 1998 QW_{53} 12 22.9 150°.83 3°.9/23.0 18

11 17	6 35.62	+13 49.4	1.755	2.554	15.8	18.1
11 27	6 29.97	+13 26.8	1.681	2.560	12.4	17.9
12 7	6 21.73	+13 12.1	1.629	2.566	8.5	17.7
12 17	6 11.65	+13 6.3	1.603	2.572	4.9	17.5
12 27	6 0.89	+13 10.0	1.606	2.577	4.4	17.5
1 6	5 50.72	+13 22.7	1.637	2.581	7.6	17.7
1 16	5 42.27	+13 43.5	1.695	2.585	11.5	17.9
1 26	5 36.38	+14 11.0	1.777	2.589	14.9	18.1

427400 1997 WH_{56} 12 22.9 35°.70 7°.5/22.5 18

11 17	6 39.09	+34 57.4	1.128	1.959	20.8	20.7
11 27	6 34.68	+36 17.7	1.073	1.967	16.5	20.5
12 7	6 25.74	+37 29.6	1.037	1.976	11.9	20.3
12 17	6 13.37	+38 22.2	1.023	1.986	8.2	20.1
12 27	5 59.70	+38 46.9	1.034	1.997	7.9	20.1
1 6	5 47.26	+38 42.6	1.068	2.008	11.3	20.4
1 16	5 38.10	+38 14.9	1.124	2.020	15.5	20.6
1 26	5 33.43	+37 33.1	1.200	2.032	19.4	20.9

233941 2009 WM_5 12 22.9 16°.35 0°.0/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.23	+23 24.3	1.826	2.644	14.5	20.9
11 27	6 25.94	+23 27.1	1.754	2.649	11.1	20.7
12 7	6 19.18	+23 30.6	1.705	2.654	7.1	20.5
12 17	6 10.69	+23 33.3	1.681	2.660	2.7	20.2
12 27	6 1.57	+23 34.1	1.686	2.667	1.9	20.2
1 6	5 53.02	+23 33.0	1.720	2.675	6.2	20.5
1 16	5 46.12	+23 30.5	1.780	2.683	10.2	20.8
1 26	5 41.65	+23 28.1	1.863	2.692	13.6	21.0

425873 2011 FS_{16} 12 22.9 248°.26 6°.4/23.2 18

11 17	6 28.52	+ 1 52.0	2.681	3.433	12.1	21.4
11 27	6 23.87	+ 1 19.2	2.586	3.420	10.2	21.3
12 7	6 17.55	+ 0 57.9	2.515	3.407	8.2	21.1
12 17	6 10.04	+ 0 50.8	2.470	3.394	6.7	21.0
12 27	6 1.99	+ 0 59.5	2.453	3.380	6.5	21.0
1 6	5 54.17	+ 1 23.9	2.465	3.367	7.8	21.0
1 16	5 47.29	+ 2 2.4	2.504	3.353	9.8	21.2
1 26	5 41.96	+ 2 52.5	2.567	3.339	12.0	21.3

478463 2012 QO_3 12 22.9 142°.09 1°.1/22.8 16

11 17	6 39.50	+24 33.3	1.940	2.737	14.6	22.5
11 27	6 32.87	+25 6.4	1.867	2.751	11.1	22.3
12 7	6 23.56	+25 40.2	1.818	2.763	7.1	22.1
12 17	6 12.36	+26 11.2	1.797	2.775	2.8	21.9
12 27	6 0.45	+26 36.5	1.806	2.786	2.2	21.9
1 6	5 49.15	+26 54.7	1.845	2.796	6.4	22.2
1 16	5 39.65	+27 6.2	1.913	2.805	10.3	22.4
1 26	5 32.80	+27 13.3	2.005	2.813	13.6	22.6

366296 2013 BU_{77} 12 22.9 202°.13 0°.1/22.9 18

11 17	6 34.46	+23 13.2	2.082	2.884	13.5	21.6
11 27	6 28.98	+23 23.6	1.995	2.882	10.4	21.4
12 7	6 21.08	+23 34.9	1.932	2.879	6.7	21.1
12 17	6 11.44	+23 45.3	1.897	2.875	2.5	20.9
12 27	6 1.06	+23 53.4	1.891	2.872	1.8	20.8
1 6	5 51.12	+23 58.4	1.915	2.867	6.0	21.1
1 16	5 42.68	+24 1.0	1.967	2.863	9.8	21.3
1 26	5 36.55	+24 2.5	2.044	2.858	13.1	21.5

361789 2008 BV_3 12 22.9 201°.31 3°.7/23.1 17

11 17	6 36.93	+34 3.0	2.033	2.828	14.1	20.7
11 27	6 31.08	+34 17.2	1.950	2.827	11.0	20.5
12 7	6 22.50	+34 23.7	1.890	2.825	7.7	20.3
12 17	6 11.98	+34 18.7	1.857	2.824	4.5	20.1
12 27	6 0.73	+34 0.0	1.852	2.822	4.1	20.1
1 6	5 50.11	+33 28.0	1.877	2.820	6.9	20.2
1 16	5 41.31	+32 46.2	1.930	2.818	10.4	20.4
1 26	5 35.19	+31 59.1	2.006	2.816	13.5	20.6

74317 1998 UZ_{15} 12 22.9 122°.02 0°.9/22.9 18

11 17	6 35.23	+25 31.5	1.949	2.754	14.2	20.4
11 27	6 29.61	+25 41.1	1.874	2.762	10.9	20.2
12 7	6 21.48	+25 49.6	1.823	2.770	7.0	19.9
12 17	6 11.57	+25 54.7	1.799	2.777	2.8	19.7
12 27	6 1.02	+25 55.0	1.804	2.784	2.0	19.6
1 6	5 51.08	+25 50.2	1.838	2.791	6.2	19.9
1 16	5 42.83	+25 41.6	1.900	2.797	10.0	20.2
1 26	5 37.08	+25 31.5	1.987	2.804	13.4	20.4

332629 2008 TK_{138} 12 22.9 130°.17 1°.7/22.9 17

11 17	6 32.66	+29 3.6	2.636	3.429	11.3	21.6
11 27	6 27.09	+29 16.3	2.558	3.438	8.6	21.4
12 7	6 19.61	+29 25.9	2.505	3.447	5.6	21.2
12 17	6 10.81	+29 30.2	2.481	3.456	2.7	21.0
12 27	6 1.56	+29 28.0	2.487	3.464	2.2	21.0
1 6	5 52.75	+29 19.4	2.524	3.472	5.1	21.2
1 16	5 45.21	+29 5.5	2.590	3.480	8.0	21.4
1 26	5 39.58	+28 48.4	2.682	3.487	10.6	21.6

287678 2003 QY_4 12 22.9 319°.50 4°.5/23.3 18

11 17	6 38.75	+35 29.6	1.673	2.476	16.3	19.8
11 27	6 33.02	+35 35.9	1.594	2.474	12.9	19.5
12 7	6 23.99	+35 31.3	1.536	2.472	9.0	19.3
12 17	6 12.59	+35 11.2	1.503	2.470	5.5	19.1
12 27	6 0.34	+34 33.1	1.499	2.468	4.9	19.1
1 6	5 48.95	+33 38.9	1.522	2.467	8.0	19.2
1 16	5 39.86	+32 33.8	1.571	2.465	12.0	19.5
1 26	5 34.02	+31 24.8	1.644	2.464	15.6	19.7

360136 2013 CY_{37} 12 22.9 266°.70 6°.9/22.9 18

11 17	6 31.29	+ 6 30.8	1.916	2.700	15.2	21.1
11 27	6 26.64	+ 5 42.1	1.827	2.688	12.5	20.9
12 7	6 19.65	+ 5 4.6	1.761	2.677	9.6	20.7
12 17	6 10.93	+ 4 42.2	1.720	2.665	7.3	20.5
12 27	6 1.45	+ 4 37.3	1.706	2.653	7.1	20.5
1 6	5 52.31	+ 4 50.5	1.719	2.641	9.2	20.6
1 16	5 44.55	+ 5 20.3	1.759	2.629	12.2	20.8
1 26	5 39.02	+ 6 3.7	1.821	2.617	15.2	20.9

228766 2002 VS_{146} 12 22.9 105°.45 0°.5/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 38.81	+21 58.8	1.646	2.453	16.3	21.3
11 27	6 32.51	+21 59.4	1.584	2.473	12.4	21.1
12 7	6 23.36	+22 1.8	1.544	2.491	7.9	20.9
12 17	6 12.27	+22 4.0	1.531	2.510	3.0	20.6
12 27	6 0.60	+22 5.0	1.547	2.527	2.1	20.6
1 6	5 49.79	+22 4.6	1.591	2.544	6.9	20.9
1 16	5 41.03	+22 3.7	1.663	2.561	11.1	21.2
1 26	5 35.15	+22 3.8	1.758	2.577	14.7	21.5

475328 2005 YC_{235} 12 22.9 55°.16 1°.0/22.9 16

11 17	6 38.02	+24 25.0	1.310	2.135	18.7	21.3
11 27	6 32.47	+24 46.8	1.262	2.161	14.2	21.1
12 7	6 23.55	+25 9.0	1.235	2.186	9.0	20.9
12 17	6 12.37	+25 28.0	1.233	2.212	3.5	20.6
12 27	6 0.59	+25 40.8	1.257	2.238	2.5	20.6
1 6	5 49.97	+25 46.9	1.308	2.264	7.7	21.0
1 16	5 41.89	+25 47.9	1.385	2.290	12.4	21.3
1 26	5 37.18	+25 46.4	1.483	2.317	16.2	21.7

420051 2011 DD_{22} 12 22.9 191°.27 4°.1/23.1 17

11 17	6 29.00	+ 9 53.6	2.546	3.327	12.0	21.4
11 27	6 24.27	+ 9 33.0	2.462	3.327	9.5	21.2
12 7	6 17.83	+ 9 20.3	2.401	3.326	6.9	21.0
12 17	6 10.17	+ 9 16.8	2.368	3.325	4.7	20.9
12 27	6 2.04	+ 9 23.2	2.364	3.324	4.3	20.9
1 6	5 54.23	+ 9 39.2	2.390	3.323	6.3	21.0
1 16	5 47.47	+10 3.7	2.444	3.322	8.9	21.2
1 26	5 42.38	+10 35.2	2.523	3.320	11.5	21.3

370902 2005 GF_{56} 12 22.9 290°.11 5°.4/22.7 16

11 17	6 34.72	+38 44.9	2.341	3.124	12.8	20.8
11 27	6 29.43	+39 27.2	2.249	3.112	10.4	20.6
12 7	6 21.53	+40 1.4	2.180	3.099	7.8	20.4
12 17	6 11.68	+40 22.6	2.137	3.087	5.8	20.3
12 27	6 0.97	+40 27.1	2.123	3.074	5.6	20.2
1 6	5 50.66	+40 14.2	2.138	3.062	7.5	20.3
1 16	5 41.94	+39 46.2	2.179	3.050	10.2	20.5
1 26	5 35.71	+39 7.3	2.245	3.038	12.8	20.6

254888 2005 SJ_{35} 12 22.9 15°.53 0°.2/22.9 18

11 17	6 32.45	+23 7.1	1.902	2.714	14.3	20.9
11 27	6 27.63	+23 21.7	1.823	2.714	10.9	20.7
12 7	6 20.31	+23 37.8	1.767	2.715	7.0	20.4
12 17	6 11.19	+23 53.5	1.738	2.717	2.7	20.2
12 27	6 1.34	+24 6.9	1.737	2.718	1.9	20.1
1 6	5 51.99	+24 17.1	1.766	2.720	6.2	20.4
1 16	5 44.24	+24 24.6	1.821	2.721	10.2	20.6
1 26	5 38.93	+24 30.4	1.901	2.723	13.7	20.9

24842 1995 UQ_{46} 12 22.9 76°.63 2°.8/22.9 18

11 17	6 42.43	+28 31.9	1.427	2.239	18.1	18.7
11 27	6 35.67	+29 6.1	1.379	2.269	13.8	18.5
12 7	6 25.51	+29 36.3	1.353	2.298	9.0	18.3
12 17	6 13.09	+29 57.4	1.352	2.327	4.2	18.1
12 27	6 0.13	+30 5.7	1.379	2.356	3.6	18.1
1 6	5 48.39	+30 1.6	1.434	2.384	7.8	18.4
1 16	5 39.27	+29 48.2	1.514	2.412	12.1	18.7
1 26	5 33.59	+29 30.0	1.617	2.439	15.7	19.0

495545 2014 WO_{144} 12 22.9 18°.30 2°.2/22.8 17

11 17	6 29.98	+17 58.8	2.221	3.024	12.8	21.9
11 27	6 25.27	+17 31.2	2.141	3.025	9.8	21.7
12 7	6 18.57	+17 6.3	2.084	3.027	6.5	21.5
12 17	6 10.47	+16 44.9	2.055	3.029	3.2	21.3
12 27	6 1.87	+16 27.8	2.055	3.031	2.8	21.3
1 6	5 53.70	+16 15.5	2.085	3.033	5.9	21.5
1 16	5 46.84	+16 8.6	2.142	3.035	9.3	21.7
1 26	5 41.94	+16 7.0	2.224	3.038	12.2	21.9

519742 2013 CN_{226} 12 22.9 189°.38 0°.3/22.9 18

11 17	6 34.14	+22 33.9	2.221	3.020	12.9	22.0
11 27	6 28.53	+22 31.2	2.135	3.019	9.9	21.8
12 7	6 20.71	+22 29.0	2.073	3.018	6.3	21.6
12 17	6 11.31	+22 26.3	2.038	3.017	2.4	21.3
12 27	6 1.28	+22 22.2	2.034	3.015	1.7	21.3
1 6	5 51.69	+22 16.9	2.060	3.012	5.6	21.5
1 16	5 43.50	+22 11.1	2.115	3.009	9.3	21.7
1 26	5 37.47	+22 6.1	2.195	3.006	12.5	21.9

454765 2014 WJ_{213} 12 22.9 159°.04 3°.1/22.6 18

11 17	6 33.54	+31 28.7	2.510	3.302	11.8	21.1
11 27	6 28.08	+32 13.4	2.428	3.305	9.2	20.9
12 7	6 20.43	+32 54.8	2.370	3.307	6.3	20.8
12 17	6 11.22	+33 29.3	2.341	3.309	3.6	20.6
12 27	6 1.33	+33 54.0	2.341	3.311	3.4	20.6
1 6	5 51.83	+34 7.8	2.372	3.312	5.9	20.7
1 16	5 43.64	+34 11.4	2.432	3.314	8.8	20.9
1 26	5 37.55	+34 7.2	2.516	3.315	11.4	21.1

443143 2014 BB_{37} 12 22.9 216°.23 2°.6/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.71	+16 15.6	1.958	2.756	14.4	22.1
11 27	6 29.26	+16 8.2	1.869	2.750	11.2	21.8
12 7	6 21.35	+16 6.8	1.802	2.743	7.5	21.6
12 17	6 11.61	+16 11.1	1.762	2.736	3.7	21.4
12 27	6 1.07	+16 21.1	1.752	2.728	3.1	21.3
1 6	5 50.91	+16 36.1	1.771	2.719	6.8	21.5
1 16	5 42.25	+16 55.4	1.818	2.710	10.7	21.7
1 26	5 35.94	+17 18.5	1.888	2.701	14.1	21.9

113790 2002 TF_{195} 12 22.9 120°.11 0°.3/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.18	+22 13.5	2.799	3.591	10.7	20.8
11 27	6 25.75	+22 15.2	2.725	3.606	8.1	20.6
12 7	6 18.67	+22 17.5	2.676	3.621	5.2	20.5
12 17	6 10.47	+22 19.6	2.656	3.635	2.0	20.3
12 27	6 1.90	+22 20.9	2.668	3.648	1.4	20.2
1 6	5 53.74	+22 21.3	2.710	3.662	4.5	20.5
1 16	5 46.69	+22 21.2	2.782	3.675	7.4	20.7
1 26	5 41.31	+22 21.1	2.881	3.687	9.9	20.9

323593 2004 TD_{279} 12 22.9 127°.22 6°.4/21.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.74	+39 56.8	2.329	3.103	13.1	20.4
11 27	6 32.60	+41 20.9	2.255	3.109	10.7	20.2
12 7	6 23.63	+42 37.1	2.205	3.114	8.3	20.1
12 17	6 12.51	+43 38.8	2.182	3.119	6.6	20.0
12 27	6 0.42	+44 20.7	2.189	3.124	6.6	20.0
1 6	5 48.74	+44 41.0	2.224	3.129	8.3	20.1
1 16	5 38.78	+44 41.5	2.285	3.134	10.7	20.2
1 26	5 31.52	+44 27.0	2.370	3.139	13.0	20.4

107952 2001 FS_{120} 12 22.9 307°.53 0°.1/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.86	+22 26.4	1.629	2.449	15.9	19.8
11 27	6 28.51	+22 37.3	1.541	2.437	12.3	19.5
12 7	6 21.20	+22 50.9	1.475	2.425	7.9	19.2
12 17	6 11.64	+23 5.1	1.434	2.413	3.0	18.9
12 27	6 1.03	+23 17.9	1.420	2.401	2.1	18.8
1 6	5 50.85	+23 28.4	1.434	2.390	7.2	19.1
1 16	5 42.47	+23 36.6	1.474	2.379	11.9	19.3
1 26	5 36.94	+23 43.9	1.537	2.368	15.9	19.6

145745 1995 UT_{13} 12 22.9 236°.97 0°.3/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.09	+23 55.1	1.732	2.540	15.6	21.1
11 27	6 31.60	+24 2.6	1.640	2.530	12.0	20.8
12 7	6 23.11	+24 10.7	1.572	2.519	7.8	20.5
12 17	6 12.35	+24 17.0	1.529	2.508	3.0	20.2
12 27	6 0.55	+24 19.6	1.515	2.496	2.1	20.1
1 6	5 49.19	+24 17.9	1.530	2.483	7.1	20.4
1 16	5 39.66	+24 13.1	1.572	2.471	11.6	20.7
1 26	5 32.99	+24 7.3	1.637	2.457	15.6	20.9

82232 Heuberger 12 22.9 189°.22 2°.8/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.99	+16 18.6	1.823	2.623	15.3	20.6
11 27	6 30.33	+16 5.3	1.740	2.622	11.9	20.4
12 7	6 22.06	+15 57.7	1.680	2.621	7.9	20.2
12 17	6 11.88	+15 56.2	1.646	2.620	4.0	19.9
12 27	6 0.92	+16 0.8	1.642	2.618	3.4	19.9
1 6	5 50.46	+16 10.9	1.666	2.615	7.1	20.1
1 16	5 41.66	+16 26.2	1.718	2.612	11.2	20.4
1 26	5 35.39	+16 46.1	1.794	2.608	14.7	20.6

337887 2001 WJ_{97} 12 22.9 290°.92 1°.5/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.94	+25 10.6	1.565	2.384	16.5	20.8
11 27	6 30.40	+25 43.0	1.475	2.370	12.8	20.6
12 7	6 22.60	+26 17.5	1.406	2.356	8.3	20.3
12 17	6 12.24	+26 50.0	1.363	2.341	3.5	20.0
12 27	6 0.62	+27 16.7	1.347	2.327	2.7	19.9
1 6	5 49.38	+27 35.2	1.359	2.313	7.7	20.1
1 16	5 40.09	+27 45.8	1.396	2.299	12.5	20.4
1 26	5 33.94	+27 50.9	1.456	2.285	16.7	20.6

79152 Abukumagawa 12 22.9 227°.56 2°.9/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.77	+15 46.1	2.085	2.877	13.9	20.2
11 27	6 29.98	+15 25.8	1.987	2.864	10.9	20.0
12 7	6 21.79	+15 10.3	1.911	2.850	7.4	19.7
12 17	6 11.79	+15 0.1	1.863	2.835	3.9	19.5
12 27	6 0.97	+14 55.9	1.846	2.819	3.5	19.4
1 6	5 50.45	+14 57.7	1.858	2.803	6.8	19.6
1 16	5 41.32	+15 5.6	1.898	2.786	10.6	19.8
1 26	5 34.45	+15 19.2	1.963	2.767	14.0	20.0

312330 2008 CF_{169} 12 22.9 241°.81 0°.2/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.30	+21 21.8	2.039	2.843	13.7	20.7
11 27	6 28.21	+21 43.7	1.950	2.837	10.5	20.5
12 7	6 20.70	+22 9.1	1.885	2.832	6.8	20.2
12 17	6 11.39	+22 35.9	1.847	2.826	2.6	20.0
12 27	6 1.27	+23 2.1	1.839	2.820	1.8	19.9
1 6	5 51.52	+23 26.1	1.860	2.813	6.0	20.2
1 16	5 43.22	+23 47.6	1.909	2.807	10.0	20.4
1 26	5 37.24	+24 6.9	1.983	2.800	13.4	20.6

270056 2001 OJ_{41} 12 22.9 142°.05 3°.4/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 40.01	+30 41.9	1.803	2.603	15.4	21.1
11 27	6 33.68	+31 23.1	1.730	2.612	12.0	20.9
12 7	6 24.32	+32 0.2	1.681	2.621	8.1	20.7
12 17	6 12.76	+32 28.1	1.658	2.629	4.4	20.5
12 27	6 0.36	+32 42.8	1.664	2.637	4.0	20.5
1 6	5 48.67	+32 43.5	1.699	2.644	7.4	20.7
1 16	5 39.02	+32 32.5	1.761	2.650	11.2	20.9
1 26	5 32.37	+32 14.0	1.847	2.656	14.5	21.2

348689 2006 BD_{103} 12 22.9 17°.30 1°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.28	+19 13.0	2.194	3.005	12.7	20.6
11 27	6 23.26	+19 6.7	2.124	3.014	9.7	20.5
12 7	6 17.30	+19 3.6	2.077	3.024	6.2	20.3
12 17	6 10.02	+19 3.5	2.057	3.034	2.7	20.1
12 27	6 2.27	+19 6.0	2.067	3.046	2.1	20.0
1 6	5 55.00	+19 11.0	2.105	3.058	5.5	20.3
1 16	5 49.00	+19 18.2	2.171	3.071	8.8	20.5
1 26	5 44.92	+19 27.7	2.262	3.084	11.8	20.7

71625 2000 EM_{63} 12 22.9 356°.69 0°.1/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 29.57	+22 39.7	1.714	2.536	15.1	18.9
11 27	6 25.73	+22 47.9	1.635	2.533	11.6	18.7
12 7	6 19.25	+22 58.1	1.579	2.530	7.4	18.4
12 17	6 10.86	+23 8.6	1.549	2.528	2.8	18.2
12 27	6 1.68	+23 17.9	1.546	2.527	1.9	18.1
1 6	5 53.01	+23 25.3	1.570	2.526	6.6	18.4
1 16	5 46.03	+23 31.2	1.621	2.527	10.9	18.6
1 26	5 41.61	+23 36.4	1.695	2.528	14.5	18.9

244101 2001 UN_{147} 12 22.9 69°.68 2°.6/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.31	+16 39.6	1.883	2.688	14.6	20.8
11 27	6 27.35	+16 26.6	1.811	2.697	11.3	20.6
12 7	6 20.04	+16 19.0	1.762	2.705	7.5	20.4
12 17	6 11.09	+16 17.1	1.739	2.713	3.7	20.2
12 27	6 1.55	+16 20.9	1.746	2.722	3.1	20.2
1 6	5 52.58	+16 30.0	1.781	2.730	6.6	20.4
1 16	5 45.17	+16 43.9	1.843	2.739	10.4	20.7
1 26	5 40.09	+17 2.0	1.929	2.748	13.6	20.9

133779 2003 WR_{97} 12 22.9 127°.53 0°.8/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.28	+20 0.1	2.020	2.819	14.0	20.2
11 27	6 29.50	+20 13.3	1.946	2.831	10.7	20.0
12 7	6 21.37	+20 30.0	1.897	2.842	6.9	19.8
12 17	6 11.59	+20 48.8	1.875	2.853	2.7	19.5
12 27	6 1.21	+21 8.0	1.883	2.864	1.9	19.5
1 6	5 51.38	+21 26.7	1.921	2.873	6.0	19.8
1 16	5 43.10	+21 44.4	1.987	2.883	9.7	20.0
1 26	5 37.16	+22 1.7	2.078	2.892	13.0	20.3

517320 2014 JL_{13} 12 22.9 67°.31 2°.1/22.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.89	+25 34.7	1.721	2.533	15.5	21.1
11 27	6 30.66	+26 30.6	1.647	2.538	11.9	20.9
12 7	6 22.48	+27 28.4	1.596	2.543	7.7	20.7
12 17	6 12.11	+28 23.2	1.571	2.548	3.4	20.4
12 27	6 0.82	+29 10.3	1.575	2.553	3.0	20.4
1 6	5 50.06	+29 46.8	1.608	2.558	7.1	20.7
1 16	5 41.19	+30 12.7	1.667	2.563	11.3	21.0
1 26	5 35.18	+30 30.1	1.750	2.569	14.8	21.2

265207 2004 BR_{109} 12 22.9 29°.73 21°.3/ 2.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.68	−19 49.4	1.022	1.751	28.9	18.8
11 27	6 27.23	−21 10.2	0.997	1.770	26.7	18.7
12 7	6 20.37	−21 39.8	0.983	1.791	24.5	18.7
12 17	6 11.23	−21 8.5	0.981	1.814	22.6	18.6
12 27	6 1.54	−19 33.6	0.994	1.839	21.5	18.7
1 6	5 53.03	−17 2.4	1.024	1.864	21.3	18.7
1 16	5 47.04	−13 49.2	1.072	1.891	22.1	18.9
1 26	5 44.41	−10 12.2	1.138	1.919	23.4	19.1

376104 2010 WQ_{50} 12 22.9 97°.39 0°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.63	+22 43.0	1.467	2.279	17.7	21.2
11 27	6 34.29	+23 10.2	1.409	2.300	13.5	21.0
12 7	6 24.72	+23 40.0	1.373	2.321	8.6	20.8
12 17	6 12.90	+24 8.7	1.362	2.341	3.3	20.5
12 27	6 0.38	+24 32.9	1.380	2.361	2.3	20.5
1 6	5 48.82	+24 51.2	1.426	2.380	7.4	20.9
1 16	5 39.61	+25 4.3	1.498	2.398	12.0	21.2
1 26	5 33.64	+25 14.1	1.593	2.416	15.8	21.5

55043 2001 QL_{59} 12 22.9 74°.57 2°.1/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 40.16	+17 19.7	1.493	2.300	17.7	18.4
11 27	6 33.49	+17 26.6	1.447	2.334	13.5	18.2
12 7	6 23.93	+17 40.5	1.424	2.369	8.7	18.0
12 17	6 12.52	+17 59.6	1.426	2.402	3.9	17.8
12 27	6 0.70	+18 22.2	1.457	2.436	2.9	17.9
1 6	5 49.95	+18 46.8	1.516	2.468	7.3	18.2
1 16	5 41.45	+19 12.4	1.602	2.500	11.5	18.5
1 26	5 35.93	+19 38.6	1.711	2.532	15.0	18.8

83906 2001 UL_{183} 12 22.9 232°.68 4°.4/22.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 36.71	+33 23.3	2.098	2.892	13.7	19.1
11 27	6 31.12	+34 23.0	2.011	2.887	10.8	18.9
12 7	6 22.74	+35 18.8	1.948	2.881	7.7	18.7
12 17	6 12.24	+36 5.1	1.912	2.875	5.0	18.5
12 27	6 0.74	+36 37.2	1.905	2.869	4.8	18.5
1 6	5 49.63	+36 53.3	1.927	2.862	7.4	18.6
1 16	5 40.17	+36 54.4	1.977	2.856	10.7	18.8
1 26	5 33.37	+36 44.4	2.050	2.849	13.7	19.0

281519 2008 TY_{65} 12 22.9 137°.70 2°.8/22.9 18

11 17	6 35.68	+16 52.5	1.848	2.649	15.1	21.3
11 27	6 29.93	+16 28.2	1.775	2.658	11.6	21.1
12 7	6 21.69	+16 8.5	1.725	2.666	7.7	20.9
12 17	6 11.73	+15 54.1	1.701	2.674	3.9	20.7
12 27	6 1.17	+15 45.4	1.707	2.682	3.4	20.6
1 6	5 51.22	+15 42.8	1.741	2.689	6.9	20.9
1 16	5 42.95	+15 46.2	1.803	2.696	10.8	21.1
1 26	5 37.14	+15 55.4	1.889	2.702	14.1	21.3

254574 2005 GZ_{11} 12 22.9 326°.75 6°.1/22.0 18

11 17	6 35.32	+38 37.8	2.226	3.012	13.3	20.0
11 27	6 30.12	+39 51.7	2.143	3.006	10.8	19.8
12 7	6 22.14	+40 58.8	2.084	3.001	8.3	19.7
12 17	6 12.03	+41 52.9	2.052	2.996	6.4	19.5
12 27	6 0.91	+42 28.7	2.047	2.992	6.4	19.5
1 6	5 50.15	+42 44.5	2.071	2.987	8.3	19.6
1 16	5 41.04	+42 41.8	2.121	2.983	10.8	19.8
1 26	5 34.59	+42 24.7	2.195	2.979	13.4	20.0

458102 2010 CT_{23} 12 22.9 35°.46 5°.0/23.4 18

11 17	6 36.06	+39 3.9	2.212	2.996	13.4	20.6
11 27	6 30.28	+39 16.6	2.136	3.000	10.8	20.4
12 7	6 21.92	+39 18.4	2.083	3.005	7.9	20.2
12 17	6 11.82	+39 5.4	2.056	3.010	5.5	20.1
12 27	6 1.15	+38 35.8	2.058	3.016	5.2	20.1
1 6	5 51.20	+37 50.6	2.089	3.021	7.1	20.2
1 16	5 43.06	+36 53.7	2.147	3.027	9.9	20.4
1 26	5 37.49	+35 50.4	2.230	3.032	12.6	20.6

302111 2001 MM_3 12 22.9 103°.39 8°.5/22.8 18

11 17	6 35.04	− 3 18.8	2.552	3.269	13.5	19.7
11 27	6 28.52	− 4 44.8	2.503	3.300	11.6	19.6
12 7	6 20.35	− 5 55.7	2.478	3.330	9.9	19.5
12 17	6 11.14	− 6 47.5	2.479	3.360	8.7	19.5
12 27	6 1.67	− 7 17.6	2.508	3.388	8.6	19.5
1 6	5 52.74	− 7 25.7	2.565	3.416	9.5	19.6
1 16	5 45.05	− 7 13.8	2.647	3.443	11.0	19.8
1 26	5 39.12	− 6 45.3	2.753	3.469	12.5	19.9

154647 2004 CS_{49} 12 22.9 217°.89 0°.5/22.9 18

11 17	6 38.15	+25 32.3	1.727	2.534	15.7	20.5
11 27	6 32.34	+25 23.7	1.640	2.529	12.1	20.2
12 7	6 23.55	+25 12.7	1.575	2.522	7.8	20.0
12 17	6 12.55	+24 57.3	1.537	2.516	3.0	19.6
12 27	6 0.64	+24 36.5	1.528	2.509	2.1	19.6
1 6	5 49.32	+24 11.3	1.547	2.501	7.0	19.9
1 16	5 39.92	+23 44.0	1.594	2.493	11.5	20.1
1 26	5 33.42	+23 17.9	1.664	2.484	15.4	20.3

489993 2008 SD_{168} 12 22.9 96°.52 9°.8/24.5 17

11 17	6 50.29	+56 54.9	2.552	3.246	14.1	21.3
11 27	6 41.65	+57 48.2	2.496	3.264	12.5	21.2
12 7	6 29.38	+58 22.2	2.462	3.282	11.0	21.1
12 17	6 14.66	+58 29.9	2.450	3.299	10.0	21.1
12 27	5 59.31	+58 7.5	2.463	3.317	9.8	21.1
1 6	5 45.28	+57 16.1	2.502	3.334	10.4	21.2
1 16	5 34.09	+56 1.4	2.566	3.351	11.6	21.3
1 26	5 26.60	+54 31.3	2.652	3.367	13.0	21.4

6699 Igaueno 12 22.9 61°.77 1°.4/22.9 18

11 17	6 36.97	+25 10.8	1.546	2.363	16.8	16.7
11 27	6 31.41	+25 42.5	1.491	2.384	12.8	16.5
12 7	6 22.85	+26 14.3	1.457	2.406	8.2	16.3
12 17	6 12.21	+26 42.2	1.449	2.427	3.3	16.1
12 27	6 0.95	+27 3.2	1.469	2.449	2.5	16.1
1 6	5 50.58	+27 16.1	1.518	2.471	7.1	16.4
1 16	5 42.38	+27 22.2	1.592	2.493	11.4	16.7
1 26	5 37.19	+27 23.8	1.689	2.515	14.9	17.0

187119 2005 QD_{79} 12 22.9 96°.27 2°.0/22.9 18

11 17	6 41.51	+28 6.2	1.672	2.476	16.3	21.1
11 27	6 34.61	+28 22.8	1.616	2.501	12.4	20.9
12 7	6 24.74	+28 35.7	1.582	2.526	8.1	20.7
12 17	6 12.89	+28 41.1	1.575	2.551	3.6	20.5
12 27	6 0.52	+28 37.1	1.596	2.575	2.8	20.5
1 6	5 49.16	+28 24.0	1.647	2.598	6.9	20.8
1 16	5 40.03	+28 4.7	1.725	2.620	11.0	21.1
1 26	5 33.93	+27 42.8	1.827	2.642	14.4	21.3

418686 2008 TJ_{189} 12 22.9 338°.25 5°.6/21.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 35.59	+35 9.8	2.124	2.918	13.6	20.6
11 27	6 30.46	+36 43.9	2.040	2.912	10.9	20.5
12 7	6 22.47	+38 14.7	1.981	2.907	8.0	20.3
12 17	6 12.22	+39 35.4	1.949	2.902	5.9	20.1
12 27	6 0.82	+40 39.5	1.946	2.897	6.0	20.1
1 6	5 49.67	+41 23.7	1.972	2.893	8.2	20.3
1 16	5 40.12	+41 48.4	2.024	2.889	11.1	20.4
1 26	5 33.25	+41 57.0	2.100	2.885	13.8	20.6

43316 2000 JV_{19} 12 22.9 261°.85 1°.3/22.9 18

11 17	6 37.04	+27 18.2	1.628	2.442	16.2	18.8
11 27	6 31.77	+27 14.2	1.540	2.432	12.6	18.5
12 7	6 23.33	+27 6.4	1.474	2.422	8.2	18.2
12 17	6 12.52	+26 52.2	1.434	2.411	3.4	17.9
12 27	6 0.68	+26 30.1	1.421	2.401	2.5	17.8
1 6	5 49.42	+26 1.0	1.436	2.391	7.4	18.1
1 16	5 40.19	+25 27.8	1.478	2.380	12.0	18.4
1 26	5 34.03	+24 54.5	1.543	2.369	16.1	18.6

450678 2006 VU_{45} 12 22.9 329°.95 3°.3/22.5 17

11 17	6 31.88	+28 6.4	1.540	2.365	16.4	21.0
11 27	6 28.26	+29 0.5	1.451	2.348	12.8	20.7
12 7	6 21.37	+29 55.7	1.384	2.332	8.6	20.4
12 17	6 11.87	+30 46.5	1.342	2.316	4.4	20.2
12 27	6 1.06	+31 27.5	1.326	2.302	4.1	20.1
1 6	5 50.60	+31 55.2	1.337	2.288	8.2	20.3
1 16	5 42.09	+32 9.7	1.373	2.275	12.8	20.5
1 26	5 36.78	+32 14.0	1.431	2.263	16.8	20.7

158263 2001 TW_{177} 12 22.9 314°.69 2°.8/22.8 18

11 17	6 33.57	+19 1.3	1.454	2.277	17.3	20.2
11 27	6 29.20	+18 23.1	1.372	2.268	13.5	19.9
12 7	6 21.71	+17 47.1	1.312	2.260	8.9	19.7
12 17	6 11.90	+17 14.7	1.276	2.252	4.3	19.4
12 27	6 1.11	+16 47.5	1.266	2.244	3.7	19.3
1 6	5 50.91	+16 27.0	1.284	2.236	8.3	19.6
1 16	5 42.71	+16 14.7	1.326	2.229	13.0	19.8
1 26	5 37.53	+16 11.0	1.390	2.222	17.2	20.1

224905 2007 CM_{64} 12 22.9 227°.53 2°.4/22.9 17

11 17	6 31.33	+16 41.0	2.186	2.985	13.1	21.2
11 27	6 26.43	+16 26.7	2.100	2.982	10.1	21.0
12 7	6 19.43	+16 16.9	2.038	2.979	6.8	20.8
12 17	6 10.93	+16 11.9	2.003	2.977	3.4	20.6
12 27	6 1.82	+16 11.9	1.998	2.973	2.9	20.6
1 6	5 53.09	+16 16.7	2.022	2.970	6.1	20.8
1 16	5 45.67	+16 26.2	2.074	2.967	9.5	21.0
1 26	5 40.28	+16 40.0	2.151	2.964	12.6	21.2

33325 1998 RH_3 12 22.9 83°.83 18°.0/25.8 18 R

11 17	7 2.64	+57 59.7	1.158	1.907	25.1	17.7
11 27	6 55.80	+59 44.9	1.111	1.915	22.6	17.5
12 7	6 40.82	+60 58.5	1.079	1.924	20.2	17.4
12 17	6 19.46	+61 20.2	1.063	1.932	18.5	17.3
12 27	5 56.24	+60 36.5	1.066	1.941	18.0	17.3
1 6	5 36.43	+58 50.9	1.089	1.949	18.8	17.4
1 16	5 23.36	+56 20.5	1.131	1.957	20.7	17.5
1 26	5 17.83	+53 27.7	1.191	1.966	22.9	17.7

25022 Hemalibatra 12 22.9 150°.21 2°.3/22.9 18

11 17	6 40.47	+29 27.2	1.902	2.698	14.9	19.6
11 27	6 33.78	+29 42.5	1.827	2.708	11.5	19.4
12 7	6 24.27	+29 53.4	1.775	2.717	7.5	19.2
12 17	6 12.78	+29 56.3	1.751	2.726	3.6	18.9
12 27	6 0.59	+29 49.0	1.756	2.733	3.0	18.9
1 6	5 49.13	+29 31.8	1.791	2.740	6.7	19.2
1 16	5 39.61	+29 7.3	1.854	2.746	10.6	19.4
1 26	5 32.90	+28 39.4	1.942	2.752	13.9	19.6

446406 2014 HD_{195} 12 22.9 218°.55 1°.7/22.9 18

11 17	6 34.21	+19 5.3	2.013	2.814	14.0	21.3
11 27	6 28.87	+18 55.6	1.924	2.809	10.8	21.0
12 7	6 21.12	+18 49.0	1.858	2.803	7.1	20.8
12 17	6 11.61	+18 45.3	1.820	2.796	3.1	20.5
12 27	6 1.36	+18 44.1	1.811	2.789	2.4	20.5
1 6	5 51.51	+18 45.4	1.831	2.782	6.3	20.7
1 16	5 43.15	+18 49.3	1.879	2.775	10.2	20.9
1 26	5 37.09	+18 56.3	1.952	2.767	13.7	21.1

199705 2006 HR_{45} 12 22.9 188°.49 0°.3/22.9 18

11 17	6 30.98	+21 59.1	2.753	3.546	10.8	21.1
11 27	6 25.80	+22 4.7	2.664	3.546	8.3	21.0
12 7	6 18.86	+22 11.3	2.600	3.544	5.3	20.8
12 17	6 10.68	+22 18.1	2.565	3.543	2.0	20.5
12 27	6 2.01	+22 24.2	2.561	3.541	1.4	20.5
1 6	5 53.65	+22 29.2	2.588	3.539	4.7	20.7
1 16	5 46.36	+22 33.5	2.644	3.537	7.7	20.9
1 26	5 40.76	+22 37.5	2.727	3.534	10.4	21.1

357051 2000 WW_{10} 12 22.9 288°.38 1°.0/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 33.64	+19 2.4	1.698	2.510	15.7	20.3
11 27	6 29.06	+19 25.7	1.605	2.496	12.1	20.0
12 7	6 21.60	+19 56.0	1.534	2.482	7.9	19.8
12 17	6 11.91	+20 31.5	1.490	2.468	3.2	19.4
12 27	6 1.11	+21 9.8	1.473	2.454	2.2	19.3
1 6	5 50.61	+21 48.2	1.485	2.439	7.1	19.6
1 16	5 41.77	+22 25.3	1.523	2.425	11.7	19.9
1 26	5 35.67	+23 0.7	1.585	2.412	15.7	20.1

50908 2000 GE_{53} 12 22.9 122°.93 3°.1/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.53	+14 37.7	2.299	3.087	12.9	19.7
11 27	6 27.78	+14 11.4	2.229	3.103	10.0	19.5
12 7	6 20.10	+13 50.4	2.183	3.118	6.8	19.4
12 17	6 11.13	+13 35.4	2.165	3.133	3.9	19.2
12 27	6 1.74	+13 27.2	2.177	3.147	3.5	19.2
1 6	5 52.87	+13 25.9	2.219	3.161	6.1	19.4
1 16	5 45.33	+13 31.2	2.289	3.174	9.2	19.6
1 26	5 39.74	+13 42.4	2.385	3.187	11.9	19.8

169785 2002 PX_{134} 12 22.9 70°.69 5°.2/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.10	+35 20.3	1.717	2.518	16.0	19.7
11 27	6 33.15	+36 5.2	1.657	2.535	12.6	19.6
12 7	6 24.03	+36 41.4	1.620	2.552	9.0	19.4
12 17	6 12.71	+37 2.9	1.608	2.570	5.9	19.2
12 27	6 0.68	+37 6.1	1.624	2.587	5.5	19.3
1 6	5 49.57	+36 51.0	1.667	2.604	8.2	19.5
1 16	5 40.72	+36 21.5	1.737	2.622	11.5	19.7
1 26	5 35.03	+35 43.3	1.829	2.639	14.6	19.9

449783 2014 OQ_{158} 12 22.9 64°.74 3°.4/22.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.39	+31 4.0	1.900	2.705	14.5	21.9
11 27	6 30.10	+31 43.2	1.826	2.710	11.3	21.7
12 7	6 22.04	+32 18.3	1.775	2.716	7.7	21.5
12 17	6 11.98	+32 44.8	1.750	2.721	4.3	21.3
12 27	6 1.13	+32 59.3	1.754	2.726	3.9	21.3
1 6	5 50.88	+33 1.1	1.786	2.732	7.0	21.5
1 16	5 42.44	+32 51.8	1.846	2.737	10.6	21.7
1 26	5 36.71	+32 35.1	1.929	2.743	13.8	21.9

452168 2015 RV_{72} 12 22.9 146°.43 1°.8/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.61	+18 7.6	2.150	2.946	13.4	22.6
11 27	6 28.86	+18 0.0	2.073	2.954	10.3	22.4
12 7	6 20.93	+17 56.2	2.020	2.963	6.7	22.2
12 17	6 11.48	+17 55.8	1.995	2.971	3.1	22.0
12 27	6 1.49	+17 58.6	2.000	2.978	2.4	21.9
1 6	5 51.99	+18 4.2	2.035	2.985	5.9	22.2
1 16	5 43.93	+18 12.5	2.098	2.991	9.5	22.4
1 26	5 38.03	+18 23.6	2.187	2.997	12.6	22.6

344086 1999 AW_{11} 12 22.9 296°.02 0°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.12	+24 32.5	1.529	2.349	16.7	21.5
11 27	6 30.42	+24 30.0	1.445	2.341	12.9	21.2
12 7	6 22.53	+24 26.8	1.383	2.333	8.3	20.9
12 17	6 12.25	+24 20.9	1.346	2.325	3.2	20.6
12 27	6 0.92	+24 10.9	1.336	2.317	2.2	20.5
1 6	5 50.18	+23 57.1	1.353	2.309	7.5	20.8
1 16	5 41.48	+23 41.3	1.397	2.301	12.3	21.1
1 26	5 35.87	+23 26.2	1.462	2.294	16.5	21.3

21890 1999 UG_{50} 12 22.9 338°.07 2°.0/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.09	+26 29.1	2.034	2.841	13.7	18.7
11 27	6 28.20	+27 13.9	1.951	2.839	10.5	18.5
12 7	6 20.80	+27 59.4	1.891	2.837	6.8	18.3
12 17	6 11.52	+28 41.8	1.858	2.834	3.1	18.0
12 27	6 1.42	+29 17.5	1.855	2.833	2.7	18.0
1 6	5 51.71	+29 44.6	1.881	2.831	6.3	18.2
1 16	5 43.52	+30 3.2	1.935	2.829	10.0	18.4
1 26	5 37.73	+30 14.8	2.012	2.828	13.3	18.6

160616 1999 TR_{97} 12 22.9 44°.05 0°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.71	+21 5.9	1.389	2.215	17.8	19.1
11 27	6 29.93	+21 27.1	1.334	2.232	13.6	18.9
12 7	6 22.03	+21 52.8	1.300	2.251	8.7	18.6
12 17	6 11.97	+22 20.2	1.290	2.269	3.3	18.4
12 27	6 1.20	+22 46.5	1.307	2.288	2.2	18.3
1 6	5 51.34	+23 10.1	1.351	2.308	7.4	18.7
1 16	5 43.69	+23 30.5	1.421	2.328	12.0	19.0
1 26	5 39.14	+23 48.8	1.513	2.348	15.9	19.3

333053 2011 SV_{185} 12 22.9 112°.82 0°.7/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.27	+25 21.6	1.934	2.738	14.4	21.8
11 27	6 30.42	+25 27.7	1.864	2.751	11.0	21.6
12 7	6 22.04	+25 32.6	1.817	2.763	7.0	21.4
12 17	6 11.93	+25 34.2	1.797	2.775	2.8	21.2
12 27	6 1.22	+25 31.1	1.806	2.786	1.9	21.1
1 6	5 51.18	+25 23.4	1.845	2.798	6.1	21.4
1 16	5 42.88	+25 12.6	1.912	2.809	10.0	21.7
1 26	5 37.09	+25 0.7	2.003	2.819	13.3	21.9

491469 2012 HX_{11} 12 22.9 278°.00 1°.1/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.31	+18 35.3	2.210	3.011	12.9	21.5
11 27	6 26.55	+18 53.5	2.118	3.003	9.9	21.3
12 7	6 19.61	+19 16.8	2.049	2.994	6.5	21.0
12 17	6 11.06	+19 43.9	2.008	2.985	2.7	20.8
12 27	6 1.77	+20 13.5	1.997	2.977	2.0	20.7
1 6	5 52.79	+20 44.0	2.016	2.968	5.7	20.9
1 16	5 45.05	+21 14.3	2.063	2.960	9.4	21.1
1 26	5 39.37	+21 44.2	2.135	2.951	12.6	21.3

187070 2005 MG_{52} 12 22.9 141°.09 0°.2/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 38.03	+21 3.8	1.720	2.526	15.8	20.8
11 27	6 32.12	+21 30.8	1.647	2.534	12.1	20.5
12 7	6 23.34	+22 2.1	1.596	2.542	7.8	20.3
12 17	6 12.50	+22 34.7	1.571	2.550	3.0	20.0
12 27	6 0.83	+23 5.9	1.576	2.557	2.0	20.0
1 6	5 49.78	+23 33.7	1.610	2.564	6.8	20.3
1 16	5 40.60	+23 57.7	1.672	2.570	11.1	20.6
1 26	5 34.23	+24 18.7	1.757	2.575	14.8	20.8

350075 2011 HW_{95} 12 22.9 98°.62 1°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.00	+25 51.9	1.684	2.491	16.0	21.3
11 27	6 32.79	+26 14.0	1.622	2.510	12.2	21.1
12 7	6 23.69	+26 35.1	1.582	2.529	7.8	20.9
12 17	6 12.58	+26 51.6	1.569	2.547	3.2	20.6
12 27	6 0.83	+27 1.2	1.585	2.565	2.4	20.6
1 6	5 49.92	+27 3.3	1.630	2.582	6.8	20.9
1 16	5 41.08	+26 59.5	1.702	2.599	11.0	21.2
1 26	5 35.16	+26 52.5	1.797	2.616	14.5	21.5

356617 2011 UX_{13} 12 22.9 53°.13 1°.9/23.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.99	+28 32.3	1.497	2.314	17.2	20.8
11 27	6 32.15	+28 33.3	1.448	2.340	13.1	20.6
12 7	6 23.25	+28 29.5	1.419	2.367	8.5	20.4
12 17	6 12.37	+28 18.0	1.416	2.393	3.7	20.2
12 27	6 1.02	+27 57.9	1.441	2.420	2.8	20.2
1 6	5 50.80	+27 30.5	1.493	2.447	7.2	20.5
1 16	5 42.91	+26 59.4	1.572	2.474	11.4	20.9
1 26	5 38.11	+26 28.2	1.673	2.501	15.0	21.1

46920 1998 SX_{12} 12 22.9 52°.97 13°.0/26.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.06	−12 55.0	1.913	2.608	18.1	18.6
11 27	6 27.16	−13 40.6	1.846	2.610	16.3	18.5
12 7	6 19.98	−13 59.5	1.796	2.612	14.6	18.4
12 17	6 11.18	−13 45.7	1.767	2.614	13.4	18.3
12 27	6 1.75	−12 56.4	1.761	2.616	13.0	18.3
1 6	5 52.80	−11 33.3	1.778	2.619	13.6	18.3
1 16	5 45.31	− 9 41.9	1.819	2.621	15.0	18.4
1 26	5 40.06	− 7 30.3	1.881	2.623	16.7	18.6

180645 2004 GD_{23} 12 22.9 185°.79 1°.2/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.98	+19 47.4	2.076	2.878	13.6	20.7
11 27	6 27.83	+19 45.5	1.992	2.878	10.4	20.5
12 7	6 20.40	+19 46.5	1.933	2.878	6.7	20.2
12 17	6 11.35	+19 49.9	1.900	2.878	2.8	20.0
12 27	6 1.63	+19 54.9	1.897	2.877	2.1	19.9
1 6	5 52.36	+20 1.1	1.924	2.876	6.0	20.2
1 16	5 44.52	+20 8.7	1.979	2.875	9.7	20.4
1 26	5 38.89	+20 17.9	2.058	2.874	13.0	20.6

510755 2012 XW_{110} 12 22.9 0°.58 0°.2/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 43.36	+12 32.9	1.009	1.833	23.2	20.1
11 27	6 38.45	+15 2.8	0.935	1.832	18.1	19.8
12 7	6 28.80	+18 8.7	0.881	1.831	11.8	19.5
12 17	6 15.03	+21 40.5	0.852	1.831	4.5	19.1
12 27	5 58.93	+25 18.4	0.850	1.831	3.2	19.0
1 6	5 43.14	+28 40.5	0.877	1.832	10.6	19.4
1 16	5 30.27	+31 32.6	0.929	1.833	17.0	19.8
1 26	5 22.22	+33 51.9	1.001	1.835	22.3	20.1

465833 2010 JX_{117} 12 22.9 216°.46 2°.4/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.12	+31 4.3	2.941	3.730	10.3	21.8
11 27	6 26.00	+31 35.6	2.851	3.727	8.0	21.6
12 7	6 19.06	+32 3.9	2.786	3.723	5.4	21.4
12 17	6 10.81	+32 26.6	2.750	3.719	3.0	21.3
12 27	6 2.00	+32 41.7	2.744	3.715	2.8	21.2
1 6	5 53.48	+32 48.6	2.769	3.711	5.0	21.4
1 16	5 46.03	+32 47.7	2.823	3.707	7.7	21.5
1 26	5 40.30	+32 41.0	2.903	3.703	10.1	21.7

15588 2000 GO_{79} 12 22.9 183°.29 0°.4/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.50	+22 0.4	2.892	3.684	10.4	19.7
11 27	6 25.35	+22 0.9	2.804	3.685	7.9	19.5
12 7	6 18.54	+22 2.3	2.740	3.684	5.1	19.3
12 17	6 10.58	+22 3.6	2.706	3.684	2.0	19.1
12 27	6 2.17	+22 4.4	2.703	3.683	1.4	19.1
1 6	5 54.07	+22 4.5	2.731	3.682	4.5	19.3
1 16	5 46.98	+22 4.3	2.788	3.681	7.4	19.5
1 26	5 41.50	+22 4.3	2.872	3.679	10.0	19.7

277664 2006 BX_{195} 12 22.9 341°.24 1°.5/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.94	+19 30.3	2.051	2.858	13.6	20.8
11 27	6 26.31	+19 21.2	1.967	2.856	10.4	20.6
12 7	6 19.45	+19 15.0	1.908	2.853	6.8	20.4
12 17	6 10.99	+19 11.6	1.874	2.851	2.9	20.1
12 27	6 1.89	+19 10.5	1.870	2.850	2.2	20.1
1 6	5 53.22	+19 11.7	1.896	2.848	6.0	20.3
1 16	5 45.96	+19 15.5	1.948	2.847	9.8	20.6
1 26	5 40.86	+19 21.9	2.025	2.845	13.0	20.8

386026 2007 EB_{11} 12 22.9 287°.98 1°.5/22.9 18

11 17	6 34.39	+20 18.3	1.515	2.335	16.9	22.1
11 27	6 29.94	+20 9.6	1.424	2.319	13.1	21.9
12 7	6 22.33	+20 4.3	1.355	2.304	8.6	21.6
12 17	6 12.25	+20 1.7	1.310	2.288	3.6	21.2
12 27	6 0.99	+20 1.0	1.293	2.273	2.7	21.1
1 6	5 50.15	+20 2.2	1.302	2.257	7.8	21.4
1 16	5 41.21	+20 5.7	1.338	2.242	12.8	21.6
1 26	5 35.33	+20 12.3	1.395	2.227	17.2	21.9

196629 2003 RH_{20} 12 22.9 72°.63 2°.3/22.9 17

11 17	6 34.19	+29 30.6	2.151	2.952	13.2	20.7
11 27	6 28.70	+29 53.3	2.085	2.968	10.1	20.5
12 7	6 20.90	+30 12.4	2.042	2.984	6.7	20.3
12 17	6 11.51	+30 24.9	2.026	3.000	3.3	20.1
12 27	6 1.60	+30 28.9	2.040	3.016	2.8	20.1
1 6	5 52.30	+30 24.2	2.083	3.031	5.9	20.4
1 16	5 44.59	+30 12.5	2.154	3.047	9.2	20.6
1 26	5 39.20	+29 56.4	2.250	3.063	12.2	20.8

367815 2011 AM_{58} 12 22.9 213°.29 2°.1/23.1 18

11 17	6 34.32	+30 48.6	2.415	3.209	12.2	21.1
11 27	6 28.69	+30 47.6	2.326	3.205	9.4	20.9
12 7	6 20.87	+30 41.3	2.262	3.202	6.3	20.7
12 17	6 11.52	+30 27.7	2.225	3.199	3.1	20.5
12 27	6 1.59	+30 5.6	2.219	3.195	2.6	20.4
1 6	5 52.14	+29 35.8	2.243	3.191	5.6	20.6
1 16	5 44.10	+29 0.4	2.295	3.187	8.8	20.8
1 26	5 38.20	+28 22.6	2.373	3.182	11.7	21.0

230205 2001 SA_{285} 12 22.9 32°.39 2°.6/22.9 18

11 17	6 35.93	+28 22.6	1.303	2.133	18.6	20.5
11 27	6 31.39	+28 43.8	1.241	2.141	14.3	20.2
12 7	6 23.27	+29 1.6	1.199	2.149	9.4	20.0
12 17	6 12.55	+29 11.4	1.181	2.158	4.3	19.7
12 27	6 0.91	+29 10.1	1.189	2.167	3.5	19.7
1 6	5 50.25	+28 57.6	1.222	2.177	8.3	20.0
1 16	5 42.11	+28 37.2	1.281	2.188	13.0	20.3
1 26	5 37.50	+28 13.2	1.360	2.199	17.1	20.6

295236 2008 GK_{19} 12 22.9 283°.74 4°.5/23.2 18

11 17	6 34.23	+13 18.5	1.481	2.293	17.6	21.3
11 27	6 29.91	+13 4.0	1.385	2.272	14.0	21.0
12 7	6 22.40	+12 59.9	1.310	2.251	9.8	20.7
12 17	6 12.33	+13 8.0	1.259	2.229	5.7	20.4
12 27	6 0.93	+13 28.8	1.235	2.207	5.0	20.3
1 6	5 49.77	+14 1.4	1.237	2.186	9.0	20.5
1 16	5 40.39	+14 43.7	1.264	2.164	13.8	20.7
1 26	5 34.03	+15 33.2	1.313	2.142	18.2	20.9

267163 2000 HA_{34} 12 22.9 288°.78 7°.2/22.7 18

11 17	6 28.77	+ 3 12.5	2.287	3.053	13.6	20.2
11 27	6 24.42	+ 2 17.3	2.197	3.041	11.4	20.0
12 7	6 18.16	+ 1 33.4	2.130	3.029	9.1	19.9
12 17	6 10.51	+ 1 4.5	2.088	3.016	7.5	19.7
12 27	6 2.25	+ 0 53.4	2.074	3.004	7.4	19.7
1 6	5 54.28	+ 1 0.6	2.088	2.992	8.9	19.8
1 16	5 47.41	+ 1 25.1	2.127	2.980	11.2	19.9
1 26	5 42.34	+ 2 4.0	2.189	2.968	13.6	20.0

48693 1996 GH_{20} 12 22.9 76°.64 0°.2/22.9 18

11 17	6 34.39	+23 10.1	1.814	2.624	14.9	18.9
11 27	6 29.21	+23 23.0	1.742	2.633	11.4	18.7
12 7	6 21.41	+23 37.2	1.693	2.641	7.3	18.5
12 17	6 11.77	+23 50.6	1.671	2.649	2.8	18.2
12 27	6 1.45	+24 1.5	1.677	2.658	1.9	18.2
1 6	5 51.74	+24 9.0	1.712	2.666	6.4	18.5
1 16	5 43.77	+24 13.8	1.774	2.675	10.4	18.7
1 26	5 38.36	+24 17.3	1.860	2.683	13.9	19.0

210893 2001 SP_{133} 12 22.9 179°.16 5°.9/22.9 18

11 17	6 31.76	+ 6 44.6	2.291	3.063	13.4	21.0
11 27	6 26.57	+ 5 59.4	2.210	3.064	10.9	20.8
12 7	6 19.45	+ 5 24.1	2.153	3.065	8.3	20.7
12 17	6 10.98	+ 5 1.1	2.122	3.065	6.3	20.5
12 27	6 1.98	+ 4 52.5	2.119	3.065	6.0	20.5
1 6	5 53.36	+ 4 58.5	2.146	3.065	7.8	20.6
1 16	5 45.95	+ 5 18.1	2.200	3.064	10.4	20.8
1 26	5 40.41	+ 5 48.8	2.278	3.063	12.9	21.0

184465 2005 NZ_{84} 12 22.9 125°.19 0°.9/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 38.74	+20 8.4	1.877	2.675	15.0	21.1
11 27	6 32.26	+20 17.0	1.810	2.693	11.4	20.9
12 7	6 23.22	+20 29.0	1.766	2.710	7.3	20.7
12 17	6 12.42	+20 42.7	1.749	2.727	2.9	20.5
12 27	6 1.04	+20 56.5	1.763	2.743	2.0	20.5
1 6	5 50.35	+21 9.7	1.806	2.758	6.3	20.8
1 16	5 41.43	+21 22.2	1.877	2.772	10.3	21.0
1 26	5 35.09	+21 34.9	1.973	2.786	13.6	21.3

78018 2002 JM_{62} 12 22.9 117°.20 0°.0/22.9 18

11 17	6 36.19	+21 51.0	1.943	2.745	14.4	20.2
11 27	6 30.37	+22 14.8	1.872	2.758	11.0	20.1
12 7	6 22.06	+22 41.4	1.825	2.771	7.0	19.8
12 17	6 12.01	+23 8.2	1.805	2.783	2.7	19.6
12 27	6 1.30	+23 33.1	1.815	2.795	1.8	19.5
1 6	5 51.18	+23 54.6	1.854	2.807	6.1	19.9
1 16	5 42.72	+24 12.6	1.922	2.818	10.0	20.1
1 26	5 36.71	+24 28.1	2.014	2.829	13.3	20.3

34643 2000 WQ_3 12 22.9 194°.80 1°.3/22.8 18

11 17	6 37.82	+24 16.3	2.049	2.846	13.9	18.9
11 27	6 31.81	+25 4.1	1.961	2.844	10.7	18.7
12 7	6 23.15	+25 54.4	1.897	2.842	6.9	18.5
12 17	6 12.50	+26 43.4	1.861	2.838	2.9	18.2
12 27	6 0.92	+27 27.3	1.856	2.835	2.3	18.2
1 6	5 49.70	+28 3.6	1.880	2.830	6.3	18.4
1 16	5 40.02	+28 31.7	1.934	2.825	10.2	18.6
1 26	5 32.84	+28 53.1	2.012	2.820	13.6	18.9

513311 2007 DZ_{35} 12 22.9 229°.55 1°.2/23.0 18

11 17	6 36.08	+20 3.0	1.903	2.705	14.6	22.6
11 27	6 30.55	+20 1.0	1.809	2.695	11.3	22.3
12 7	6 22.38	+20 2.0	1.739	2.684	7.4	22.1
12 17	6 12.21	+20 5.2	1.695	2.673	3.1	21.8
12 27	6 1.13	+20 9.6	1.681	2.661	2.2	21.7
1 6	5 50.42	+20 14.9	1.696	2.648	6.6	22.0
1 16	5 41.29	+20 21.2	1.739	2.635	10.9	22.2
1 26	5 34.67	+20 29.2	1.806	2.622	14.5	22.4

346342 2008 RA_{72} 12 22.9 131°.31 3°.6/23.2 18

11 17	6 35.75	+13 49.0	1.822	2.618	15.4	21.5
11 27	6 30.04	+13 33.5	1.751	2.629	12.0	21.3
12 7	6 21.85	+13 26.1	1.703	2.640	8.2	21.1
12 17	6 11.92	+13 27.3	1.680	2.650	4.6	20.9
12 27	6 1.38	+13 37.3	1.687	2.659	4.1	20.9
1 6	5 51.43	+13 55.2	1.723	2.668	7.2	21.1
1 16	5 43.15	+14 20.0	1.786	2.677	11.0	21.4
1 26	5 37.32	+14 50.0	1.873	2.685	14.3	21.6

556 Phyllis 12 22.9 348°.15 1°.1/23.0 18 R

11 17	6 34.36	+26 52.8	1.398	2.226	17.6	12.9
11 27	6 30.06	+26 42.1	1.322	2.221	13.6	12.7
12 7	6 22.40	+26 27.4	1.267	2.218	8.8	12.4
12 17	6 12.25	+26 6.6	1.236	2.214	3.5	12.1
12 27	6 1.13	+25 38.9	1.231	2.212	2.5	12.0
1 6	5 50.78	+25 5.6	1.253	2.210	7.8	12.3
1 16	5 42.68	+24 30.3	1.300	2.208	12.8	12.6
1 26	5 37.87	+23 56.9	1.368	2.208	17.0	12.9

405689 2005 UA_{320} 12 22.9 49°.45 1°.5/22.9 17

11 17	6 32.60	+20 27.3	1.869	2.679	14.5	21.3
11 27	6 27.66	+20 6.3	1.798	2.687	11.1	21.1
12 7	6 20.32	+19 47.1	1.749	2.696	7.2	20.9
12 17	6 11.34	+19 29.8	1.727	2.704	3.1	20.7
12 27	6 1.79	+19 14.5	1.733	2.713	2.4	20.6
1 6	5 52.84	+19 2.0	1.769	2.722	6.3	20.9
1 16	5 45.52	+18 53.1	1.831	2.731	10.2	21.2
1 26	5 40.57	+18 48.3	1.918	2.740	13.6	21.4

490526 2009 UH_{142} 12 22.9 51°.59 2°.7/22.8 17

11 17	6 34.10	+29 17.0	1.940	2.747	14.2	21.2
11 27	6 28.93	+29 52.9	1.875	2.762	10.9	21.1
12 7	6 21.20	+30 25.8	1.833	2.777	7.2	20.9
12 17	6 11.69	+30 51.8	1.818	2.792	3.7	20.7
12 27	6 1.55	+31 8.1	1.832	2.807	3.2	20.7
1 6	5 52.05	+31 14.1	1.874	2.822	6.5	20.9
1 16	5 44.28	+31 11.1	1.944	2.838	10.0	21.2
1 26	5 39.05	+31 1.9	2.037	2.854	13.1	21.4

165098 2000 GG_{133} 12 22.9 195°.71 9°.6/22.8 18

11 17	6 28.43	−15 30.9	3.310	3.950	12.0	21.5
11 27	6 23.58	−16 39.4	3.237	3.947	11.0	21.4
12 7	6 17.35	−17 31.7	3.184	3.944	10.2	21.3
12 17	6 10.15	−18 4.1	3.154	3.940	9.6	21.3
12 27	6 2.57	−18 14.2	3.148	3.936	9.6	21.3
1 6	5 55.21	−18 1.6	3.166	3.931	10.1	21.3
1 16	5 48.66	−17 27.8	3.207	3.926	10.9	21.4
1 26	5 43.41	−16 35.9	3.269	3.920	11.8	21.5

394106 2006 BW_{185} 12 22.9 322.°05 1.°8/22.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 31.77	+19 51.9	1.377	2.207	17.7	21.9
11 27	6 28.19	+19 41.3	1.291	2.191	13.8	21.6
12 7	6 21.34	+19 34.8	1.226	2.176	9.0	21.3
12 17	6 11.93	+19 32.3	1.184	2.162	3.9	21.0
12 27	6 1.31	+19 33.1	1.168	2.148	2.9	20.9
1 6	5 51.16	+19 37.1	1.178	2.135	8.2	21.2
1 16	5 43.02	+19 44.6	1.213	2.123	13.4	21.4
1 26	5 38.08	+19 55.8	1.269	2.111	17.9	21.7

162203 1999 RV_{158} 12 22.9 150.°35 1.°8/23.1 18

11 17	6 35.26	+18 10.4	2.068	2.864	13.8	21.1
11 27	6 29.49	+18 7.0	1.990	2.872	10.6	20.9
12 7	6 21.43	+18 7.7	1.937	2.879	6.9	20.6
12 17	6 11.77	+18 12.0	1.911	2.886	3.1	20.4
12 27	6 1.50	+18 19.2	1.914	2.893	2.4	20.4
1 6	5 51.75	+18 29.0	1.948	2.898	6.1	20.6
1 16	5 43.49	+18 41.1	2.010	2.904	9.8	20.9
1 26	5 37.47	+18 55.4	2.097	2.908	13.0	21.1

439594 2014 DS_{133} 12 22.9 101.°88 2.°9/23.1 18

11 17	6 35.03	+16 14.1	1.736	2.541	15.7	20.8
11 27	6 29.62	+16 0.1	1.667	2.552	12.1	20.6
12 7	6 21.63	+15 52.3	1.621	2.563	8.1	20.4
12 17	6 11.86	+15 51.2	1.601	2.574	4.1	20.1
12 27	6 1.46	+15 56.5	1.609	2.585	3.4	20.1
1 6	5 51.70	+16 7.7	1.646	2.596	7.1	20.4
1 16	5 43.70	+16 24.1	1.710	2.606	11.0	20.6
1 26	5 38.25	+16 45.0	1.797	2.616	14.5	20.9

392366 2010 GA_{140} 12 22.9 178.°42 0.°9/22.9 18

11 17	6 35.62	+24 21.5	1.826	2.634	14.9	21.0
11 27	6 30.29	+24 45.6	1.746	2.635	11.4	20.8
12 7	6 22.23	+25 10.7	1.688	2.635	7.4	20.6
12 17	6 12.15	+25 34.1	1.657	2.636	2.9	20.3
12 27	6 1.23	+25 53.0	1.655	2.636	2.1	20.2
1 6	5 50.82	+26 6.2	1.682	2.635	6.6	20.5
1 16	5 42.15	+26 14.1	1.736	2.635	10.7	20.8
1 26	5 36.13	+26 18.6	1.814	2.635	14.3	21.0

139699 2001 QR_{223} 12 22.9 28.°74 1.°1/23.0 18

11 17	6 33.47	+20 36.8	1.165	2.004	19.7	19.4
11 27	6 29.56	+20 39.7	1.109	2.014	15.1	19.2
12 7	6 22.11	+20 47.7	1.073	2.026	9.7	18.9
12 17	6 12.13	+20 59.1	1.059	2.038	3.9	18.6
12 27	6 1.30	+21 12.1	1.070	2.051	2.7	18.6
1 6	5 51.45	+21 25.5	1.107	2.065	8.3	19.0
1 16	5 44.10	+21 39.2	1.167	2.080	13.5	19.3
1 26	5 40.24	+21 53.6	1.248	2.096	17.8	19.6

133239 2003 QG_{109} 12 22.9 78.°77 7.°9/22.8 18

11 17	6 33.03	+ 5 58.0	1.704	2.491	16.7	19.8
11 27	6 28.04	+ 4 45.8	1.639	2.500	13.7	19.6
12 7	6 20.60	+ 3 46.5	1.595	2.508	10.6	19.5
12 17	6 11.46	+ 3 4.8	1.576	2.517	8.3	19.4
12 27	6 1.74	+ 2 44.1	1.584	2.526	8.1	19.4
1 6	5 52.64	+ 2 45.1	1.618	2.535	10.1	19.5
1 16	5 45.19	+ 3 6.0	1.677	2.543	13.0	19.7
1 26	5 40.18	+ 3 42.7	1.758	2.552	15.8	19.9

17100 Kamiokanatsu 12 22.9 319.°55 3.°1/22.8 18

11 17	6 34.47	+30 22.4	1.881	2.689	14.6	18.0
11 27	6 29.53	+30 53.8	1.798	2.685	11.3	17.8
12 7	6 21.81	+31 21.7	1.738	2.681	7.6	17.6
12 17	6 12.01	+31 41.8	1.704	2.677	4.0	17.4
12 27	6 1.33	+31 51.1	1.698	2.673	3.6	17.3
1 6	5 51.16	+31 48.7	1.721	2.669	7.0	17.5
1 16	5 42.75	+31 36.4	1.771	2.666	10.8	17.7
1 26	5 37.05	+31 17.5	1.844	2.662	14.2	18.0

7753 1988 XB 12 22.9 39.°39 4.°3/22.9 18

11 17	12 40.26	−15 35.2	0.076	0.932	136.4	19.3
11 27	9 32.69	+10 58.6	0.072	1.005	73.0	15.5
12 7	7 26.36	+24 37.1	0.115	1.082	31.1	15.4
12 17	6 26.07	+28 1.9	0.179	1.160	9.8	15.8
12 27	5 56.01	+28 47.6	0.256	1.237	6.5	16.6
1 6	5 41.72	+28 48.3	0.346	1.313	15.1	17.7
1 16	5 37.02	+28 36.0	0.448	1.386	21.6	18.6
1 26	5 38.87	+28 21.4	0.562	1.457	26.2	19.4

25599 2000 AN 12 22.9 206.°72 0.°2/22.9 18

11 17	6 37.34	+21 25.6	1.850	2.653	15.0	18.3
11 27	6 31.62	+21 48.0	1.762	2.649	11.5	18.1
12 7	6 23.12	+22 14.2	1.698	2.644	7.4	17.8
12 17	6 12.54	+22 41.8	1.660	2.638	2.9	17.5
12 27	6 1.00	+23 8.1	1.651	2.632	1.9	17.4
1 6	5 49.88	+23 31.6	1.672	2.625	6.6	17.7
1 16	5 40.43	+23 51.7	1.721	2.618	10.9	18.0
1 26	5 33.64	+24 9.5	1.794	2.610	14.6	18.2

481235 2005 WU_{86} 12 22.9 353.°23 0.°5/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 29.36	+21 42.1	1.104	1.954	19.8	21.0
11 27	6 26.93	+21 51.0	1.034	1.946	15.3	20.7
12 7	6 20.79	+22 4.7	0.984	1.940	9.9	20.3
12 17	6 11.77	+22 21.3	0.955	1.935	3.8	20.0
12 27	6 1.51	+22 38.3	0.950	1.932	2.6	19.9
1 6	5 51.98	+22 54.0	0.969	1.930	8.8	20.3
1 16	5 44.91	+23 8.4	1.011	1.930	14.4	20.6
1 26	5 41.53	+23 22.1	1.072	1.931	19.2	20.9

316990 2001 NB_{11} 12 22.9 154.°88 3.°3/23.4 18

11 17	6 33.46	+12 1.8	2.200	2.986	13.5	21.1
11 27	6 28.01	+12 9.5	2.120	2.991	10.6	20.9
12 7	6 20.46	+12 26.3	2.063	2.996	7.3	20.7
12 17	6 11.43	+12 52.2	2.034	3.001	4.2	20.5
12 27	6 1.79	+13 26.4	2.034	3.005	3.6	20.5
1 6	5 52.54	+14 7.3	2.065	3.009	6.3	20.7
1 16	5 44.60	+14 52.8	2.124	3.013	9.6	20.9
1 26	5 38.69	+15 41.1	2.209	3.016	12.5	21.1

523234 2016 YU_{13} 12 22.9 157.°88 4.°6/22.4 18

11 17	6 38.70	+34 10.9	2.188	2.976	13.5	21.7
11 27	6 32.53	+35 15.7	2.110	2.981	10.6	21.6
12 7	6 23.63	+36 15.8	2.056	2.985	7.6	21.4
12 17	6 12.71	+37 5.3	2.030	2.990	5.1	21.2
12 27	6 0.90	+37 39.8	2.033	2.993	4.9	21.2
1 6	5 49.54	+37 57.5	2.066	2.997	7.3	21.4
1 16	5 39.87	+37 59.9	2.126	3.000	10.3	21.6
1 26	5 32.80	+37 50.7	2.211	3.002	13.1	21.8

475213 2005 VS_{37} 12 22.9 78.°95 1.°8/23.1 18

11 17	6 38.05	+17 48.4	1.508	2.319	17.4	21.2
11 27	6 32.15	+17 59.8	1.454	2.343	13.3	21.0
12 7	6 23.33	+18 18.1	1.420	2.366	8.6	20.8
12 17	6 12.52	+18 41.6	1.413	2.389	3.7	20.6
12 27	6 1.12	+19 8.1	1.433	2.412	2.7	20.6
1 6	5 50.61	+19 36.0	1.481	2.435	7.2	20.9
1 16	5 42.23	+20 4.2	1.556	2.457	11.6	21.2
1 26	5 36.80	+20 32.3	1.654	2.479	15.2	21.5

523498 2017 HH_{62} 12 22.9 271.°17 0.°5/22.9 18

11 17	6 31.85	+24 13.0	2.281	3.083	12.5	22.1
11 27	6 26.98	+24 25.2	2.188	3.075	9.6	21.9
12 7	6 19.92	+24 37.6	2.119	3.066	6.2	21.6
12 17	6 11.26	+24 48.7	2.078	3.057	2.4	21.4
12 27	6 1.90	+24 57.0	2.067	3.048	1.7	21.3
1 6	5 52.87	+25 1.8	2.085	3.038	5.5	21.6
1 16	5 45.14	+25 3.7	2.132	3.029	9.1	21.8
1 26	5 39.48	+25 3.7	2.204	3.020	12.3	22.0

213429 2001 XQ_{200} 12 22.9 102.°65 2.°2/22.8 18

11 17	6 36.65	+28 24.0	2.185	2.980	13.2	20.2
11 27	6 30.56	+29 2.4	2.118	2.999	10.1	20.1
12 7	6 22.12	+29 38.5	2.077	3.018	6.6	19.9
12 17	6 12.05	+30 8.7	2.062	3.036	3.2	19.7
12 27	6 1.42	+30 30.3	2.079	3.054	2.8	19.7
1 6	5 51.37	+30 42.4	2.125	3.072	5.9	19.9
1 16	5 42.91	+30 46.0	2.200	3.089	9.2	20.2
1 26	5 36.81	+30 43.6	2.299	3.106	12.1	20.4

107714 2001 FZ_{21} 12 22.9 310.°65 5.°5/23.1 18

11 17	6 31.10	+10 58.0	1.622	2.430	16.5	19.6
11 27	6 27.07	+10 24.8	1.535	2.416	13.3	19.3
12 7	6 20.31	+10 1.9	1.469	2.403	9.6	19.1
12 17	6 11.50	+ 9 52.1	1.428	2.391	6.3	18.9
12 27	6 1.74	+ 9 57.2	1.413	2.378	5.9	18.8
1 6	5 52.36	+10 17.1	1.425	2.366	8.9	18.9
1 16	5 44.60	+10 50.3	1.462	2.354	12.8	19.1
1 26	5 39.44	+11 33.8	1.521	2.343	16.5	19.3

222909 2002 JU_{1} 12 22.9 205.°64 6.°9/22.3 18

11 17	6 30.55	+ 2 23.2	2.647	3.397	12.3	21.0
11 27	6 25.45	+ 1 14.0	2.562	3.393	10.3	20.9
12 7	6 18.68	+ 0 14.6	2.501	3.389	8.4	20.7
12 17	6 10.74	− 0 31.4	2.467	3.384	7.1	20.6
12 27	6 2.31	− 1 1.2	2.461	3.379	7.0	20.6
1 6	5 54.19	− 1 13.8	2.484	3.373	8.3	20.7
1 16	5 47.06	− 1 9.7	2.534	3.368	10.3	20.8
1 26	5 41.55	− 0 51.0	2.607	3.361	12.3	20.9

29512 1997 YL_{5} 12 22.9 317.°99 2.°3/23.2 18

11 17	6 31.55	+16 34.3	1.835	2.644	14.8	18.4
11 27	6 27.13	+16 36.6	1.749	2.637	11.5	18.1
12 7	6 20.20	+16 45.8	1.686	2.630	7.7	17.9
12 17	6 11.42	+17 1.5	1.649	2.623	3.7	17.6
12 27	6 1.83	+17 22.9	1.640	2.617	2.9	17.6
1 6	5 52.62	+17 48.9	1.659	2.611	6.8	17.8
1 16	5 44.93	+18 18.1	1.705	2.606	10.8	18.0
1 26	5 39.63	+18 49.6	1.776	2.600	14.4	18.2

163970 2003 UW_{101} 12 22.9 90°.83 2°.9/23.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 34.47	+15 52.1	1.770	2.575	15.5	20.4
11 27	6 29.15	+15 39.7	1.703	2.587	12.0	20.2
12 7	6 21.34	+15 33.9	1.658	2.600	8.0	20.0
12 17	6 11.79	+15 35.0	1.639	2.612	4.1	19.8
12 27	6 1.65	+15 42.7	1.649	2.624	3.4	19.8
1 6	5 52.14	+15 56.5	1.687	2.636	7.0	20.1
1 16	5 44.33	+16 15.4	1.752	2.648	10.8	20.3
1 26	5 39.01	+16 38.7	1.841	2.660	14.2	20.6

49610 1999 FY_{29} 12 22.9 358°.21 5°.1/23.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.18	+12 46.9	1.305	2.130	18.8	17.9
11 27	6 27.58	+12 22.7	1.234	2.128	14.9	17.6
12 7	6 20.83	+12 10.5	1.184	2.126	10.4	17.4
12 17	6 11.72	+12 12.2	1.156	2.125	6.2	17.1
12 27	6 1.65	+12 28.8	1.153	2.125	5.5	17.1
1 6	5 52.21	+12 59.0	1.176	2.125	9.2	17.3
1 16	5 44.83	+13 40.1	1.222	2.127	13.8	17.6
1 26	5 40.53	+14 28.9	1.290	2.129	17.8	17.8

134038 2004 XP_{5} 12 22.9 101°.15 6°.0/21.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 49.27	+25 48.9	1.118	1.938	21.7	19.3
11 27	6 42.89	+28 35.0	1.059	1.952	16.8	19.1
12 7	6 31.56	+31 31.4	1.021	1.965	11.4	18.8
12 17	6 16.11	+34 21.1	1.008	1.978	6.7	18.6
12 27	5 58.62	+36 45.4	1.023	1.991	7.1	18.7
1 6	5 41.90	+38 33.3	1.066	2.003	11.7	19.0
1 16	5 28.54	+39 44.4	1.133	2.015	16.5	19.3
1 26	5 20.18	+40 27.0	1.219	2.027	20.6	19.6

146664 2001 UK_{141} 12 22.9 328°.02 5°.2/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.51	+12 6.2	1.747	2.553	15.6	20.1
11 27	6 26.35	+11 20.8	1.664	2.545	12.4	19.9
12 7	6 19.70	+10 43.2	1.602	2.537	8.9	19.6
12 17	6 11.24	+10 16.2	1.566	2.529	5.8	19.5
12 27	6 2.00	+10 1.9	1.557	2.522	5.5	19.4
1 6	5 53.20	+10 1.2	1.576	2.516	8.3	19.6
1 16	5 45.94	+10 13.6	1.620	2.509	12.0	19.8
1 26	5 41.07	+10 37.1	1.686	2.504	15.4	20.0

348516 2005 UT_{37} 12 22.9 47°.38 2°.9/22.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.86	+28 23.3	1.813	2.623	14.9	20.4
11 27	6 29.78	+29 15.7	1.746	2.634	11.5	20.2
12 7	6 21.93	+30 6.7	1.701	2.646	7.6	20.0
12 17	6 12.08	+30 51.6	1.684	2.657	3.9	19.8
12 27	6 1.46	+31 26.2	1.695	2.669	3.5	19.8
1 6	5 51.44	+31 48.8	1.734	2.682	7.0	20.1
1 16	5 43.26	+32 0.2	1.800	2.694	10.7	20.3
1 26	5 37.79	+32 3.2	1.890	2.707	13.9	20.5

460816 2014 WS_{53} 12 22.9 156°.54 1°.2/22.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.57	+19 51.8	2.421	3.220	12.0	21.8
11 27	6 25.72	+19 41.5	2.336	3.220	9.2	21.6
12 7	6 18.96	+19 33.2	2.277	3.221	5.9	21.4
12 17	6 10.88	+19 26.8	2.245	3.221	2.5	21.2
12 27	6 2.27	+19 22.0	2.243	3.222	1.9	21.1
1 6	5 54.05	+19 19.0	2.271	3.222	5.3	21.4
1 16	5 47.02	+19 18.1	2.327	3.223	8.5	21.6
1 26	5 41.85	+19 19.6	2.410	3.223	11.4	21.8

48868 1998 HB_{92} 12 22.9 164°.70 3°.7/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 36.84	+14 43.1	1.780	2.577	15.7	20.2
11 27	6 31.03	+14 17.0	1.703	2.582	12.3	20.0
12 7	6 22.60	+13 57.6	1.648	2.586	8.4	19.7
12 17	6 12.32	+13 45.9	1.620	2.590	4.7	19.5
12 27	6 1.31	+13 42.7	1.620	2.593	4.1	19.5
1 6	5 50.88	+13 47.8	1.650	2.595	7.5	19.7
1 16	5 42.16	+14 0.9	1.706	2.597	11.4	19.9
1 26	5 36.00	+14 20.8	1.786	2.598	14.9	20.2

275262 2009 YA_{24} 12 22.9 279°.06 0°.5/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.52	+23 33.2	2.351	3.152	12.2	20.4
11 27	6 26.72	+23 59.1	2.256	3.142	9.4	20.2
12 7	6 19.77	+24 26.7	2.186	3.133	6.0	20.0
12 17	6 11.25	+24 54.0	2.144	3.123	2.4	19.7
12 27	6 2.00	+25 18.8	2.132	3.113	1.7	19.6
1 6	5 53.02	+25 39.9	2.150	3.103	5.4	19.9
1 16	5 45.26	+25 57.0	2.197	3.093	8.9	20.1
1 26	5 39.51	+26 10.9	2.269	3.083	12.0	20.2

40214 1998 SR_{63} 12 22.9 94°.52 0°.2/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.52	+22 19.0	2.419	3.214	12.1	19.6
11 27	6 27.81	+22 25.7	2.354	3.236	9.2	19.4
12 7	6 20.19	+22 33.2	2.314	3.258	5.8	19.2
12 17	6 11.31	+22 40.4	2.302	3.280	2.2	19.0
12 27	6 2.03	+22 46.4	2.320	3.301	1.5	19.0
1 6	5 53.28	+22 50.8	2.370	3.322	5.0	19.3
1 16	5 45.87	+22 54.0	2.448	3.343	8.2	19.5
1 26	5 40.39	+22 56.8	2.553	3.363	11.0	19.8

281835 2010 AR_{68} 12 22.9 344°.51 0°.7/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 30.92	+23 16.3	1.980	2.792	13.8	20.4
11 27	6 26.61	+23 48.3	1.895	2.787	10.6	20.2
12 7	6 19.87	+24 22.8	1.834	2.782	6.8	19.9
12 17	6 11.32	+24 57.5	1.799	2.777	2.7	19.7
12 27	6 1.98	+25 29.6	1.793	2.773	1.9	19.6
1 6	5 53.01	+25 57.2	1.816	2.770	6.1	19.9
1 16	5 45.49	+26 20.0	1.866	2.767	10.0	20.1
1 26	5 40.30	+26 38.6	1.940	2.764	13.4	20.3

114798 2003 NW_{3} 12 22.9 12°.33 2°.5/23.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.67	+17 9.8	1.459	2.281	17.3	19.3
11 27	6 28.47	+17 8.5	1.388	2.283	13.4	19.1
12 7	6 21.28	+17 14.7	1.337	2.284	8.9	18.8
12 17	6 11.89	+17 28.1	1.311	2.287	4.1	18.6
12 27	6 1.63	+17 47.8	1.311	2.290	3.2	18.5
1 6	5 51.99	+18 12.2	1.339	2.293	7.7	18.8
1 16	5 44.31	+18 40.1	1.391	2.297	12.3	19.1
1 26	5 39.55	+19 10.4	1.466	2.302	16.3	19.3

34571 2000 SA_{308} 12 22.9 265°.44 0°.5/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 35.88	+23 32.4	1.787	2.596	15.2	18.8
11 27	6 30.66	+23 11.8	1.691	2.581	11.7	18.5
12 7	6 22.60	+22 49.7	1.618	2.565	7.6	18.2
12 17	6 12.41	+22 25.2	1.571	2.550	3.0	17.9
12 27	6 1.26	+21 58.3	1.553	2.534	2.1	17.8
1 6	5 50.53	+21 30.1	1.564	2.518	6.9	18.1
1 16	5 41.53	+21 2.9	1.602	2.502	11.4	18.3
1 26	5 35.23	+20 39.1	1.663	2.485	15.3	18.5

333109 2011 UB_{363} 12 22.9 7°.14 1°.3/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.34	+25 53.5	1.694	2.510	15.6	21.1
11 27	6 29.54	+26 9.2	1.617	2.510	12.0	20.9
12 7	6 21.87	+26 24.2	1.562	2.510	7.7	20.6
12 17	6 12.11	+26 35.5	1.533	2.511	3.2	20.3
12 27	6 1.49	+26 41.0	1.532	2.512	2.4	20.3
1 6	5 51.47	+26 40.0	1.558	2.513	6.9	20.6
1 16	5 43.32	+26 33.9	1.612	2.514	11.2	20.8
1 26	5 37.97	+26 25.1	1.688	2.516	14.9	21.1

315781 2008 FR_{109} 12 22.9 158°.55 0°.8/22.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 33.95	+24 50.8	2.148	2.950	13.2	21.3
11 27	6 28.65	+25 10.6	2.067	2.953	10.1	21.1
12 7	6 21.02	+25 30.6	2.009	2.955	6.5	20.9
12 17	6 11.73	+25 48.4	1.979	2.957	2.6	20.6
12 27	6 1.76	+26 2.1	1.978	2.958	1.9	20.6
1 6	5 52.24	+26 10.8	2.008	2.960	5.7	20.8
1 16	5 44.17	+26 15.2	2.065	2.961	9.4	21.1
1 26	5 38.35	+26 16.7	2.147	2.963	12.6	21.3

443181 2014 DF_{27} 12 22.9 260°.87 2°.6/22.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 37.30	+28 26.7	1.796	2.603	15.2	22.0
11 27	6 32.02	+28 58.1	1.700	2.587	11.9	21.7
12 7	6 23.66	+29 28.1	1.626	2.570	7.9	21.5
12 17	6 12.88	+29 52.3	1.578	2.553	3.8	21.2
12 27	6 0.92	+30 6.9	1.559	2.536	3.3	21.1
1 6	5 49.30	+30 10.4	1.568	2.518	7.3	21.3
1 16	5 39.46	+30 4.0	1.605	2.500	11.7	21.5
1 26	5 32.54	+29 51.1	1.664	2.482	15.5	21.7

110479 2001 TL_{58} 12 22.9 159°.91 2°.7/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.67	+16 23.7	2.069	2.868	13.7	19.8
11 27	6 27.58	+16 4.8	1.989	2.870	10.6	19.6
12 7	6 20.29	+15 50.8	1.931	2.872	7.1	19.3
12 17	6 11.43	+15 41.9	1.901	2.874	3.7	19.1
12 27	6 1.97	+15 38.8	1.900	2.875	3.1	19.1
1 6	5 52.97	+15 41.2	1.928	2.876	6.4	19.3
1 16	5 45.37	+15 49.1	1.985	2.878	9.9	19.5
1 26	5 39.92	+16 2.0	2.065	2.879	13.1	19.7

55044 2001 QZ_{59} 12 22.9 131°.60 0°.3/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.38	+22 36.4	2.037	2.841	13.8	20.3
11 27	6 28.97	+22 36.1	1.960	2.847	10.5	20.1
12 7	6 21.20	+22 36.5	1.906	2.852	6.7	19.9
12 17	6 11.78	+22 36.6	1.879	2.858	2.6	19.6
12 27	6 1.75	+22 35.3	1.882	2.863	1.7	19.6
1 6	5 52.25	+22 32.6	1.915	2.868	5.9	19.9
1 16	5 44.29	+22 29.3	1.976	2.873	9.7	20.1
1 26	5 38.63	+22 26.5	2.061	2.878	12.9	20.3

112549 2002 PZ_{42} 12 23.0 140°.98 1°.0/23.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.85	+26 21.0	1.697	2.503	16.0	19.9
11 27	6 33.58	+26 20.8	1.624	2.512	12.3	19.7
12 7	6 24.35	+26 18.2	1.574	2.520	7.9	19.5
12 17	6 13.02	+26 10.4	1.550	2.528	3.2	19.2
12 27	6 0.95	+25 56.1	1.556	2.536	2.2	19.1
1 6	5 49.67	+25 35.9	1.590	2.543	6.9	19.4
1 16	5 40.45	+25 12.5	1.651	2.549	11.2	19.7
1 26	5 34.18	+24 49.0	1.736	2.555	14.9	20.0