321008 2008 KE_{27} 12 18.9 316°.32 4°.4/18.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 11.59	+11 43.5	1.887	2.723	13.4	21.3
11 27	6 6.13	+11 22.1	1.812	2.718	10.2	21.1
12 7	5 58.60	+11 9.4	1.762	2.713	6.8	20.9
12 17	5 49.75	+11 7.0	1.739	2.708	4.5	20.8
12 27	5 40.66	+11 15.8	1.744	2.703	5.7	20.8
1 6	5 32.40	+11 35.3	1.776	2.699	8.9	21.0
1 16	5 25.90	+12 4.4	1.834	2.694	12.3	21.2
1 26	5 21.82	+12 41.1	1.915	2.690	15.4	21.4

370894 2005 EZ_{270} 12 18.9 277°.49 6°.6/18.9 18

11 17	6 9.50	+ 2 14.9	2.381	3.181	12.1	20.7
11 27	6 4.23	+ 1 46.9	2.307	3.177	9.9	20.6
12 7	5 57.38	+ 1 32.3	2.257	3.172	7.8	20.4
12 17	5 49.54	+ 1 33.5	2.234	3.168	6.7	20.4
12 27	5 41.52	+ 1 51.4	2.239	3.164	7.2	20.4
1 6	5 34.13	+ 2 25.3	2.272	3.160	9.0	20.5
1 16	5 28.09	+ 3 12.9	2.331	3.156	11.3	20.6
1 26	5 23.93	+ 4 10.9	2.412	3.152	13.5	20.8

301890 1998 QO_{94} 12 18.9 107°.29 7°.2/20.1 18

11 17	6 24.61	+44 31.4	2.054	2.847	14.0	20.4
11 27	6 15.68	+45 7.6	2.002	2.867	11.4	20.3
12 7	6 3.93	+45 25.9	1.973	2.887	8.8	20.2
12 17	5 50.62	+45 21.1	1.971	2.906	7.3	20.1
12 27	5 37.39	+44 51.6	1.997	2.925	7.7	20.2
1 6	5 25.81	+44 1.0	2.051	2.943	9.6	20.3
1 16	5 16.99	+42 55.7	2.130	2.961	12.0	20.5
1 26	5 11.56	+41 43.5	2.232	2.978	14.3	20.7

326796 2003 SP_{302} 12 18.9 45°.90 1°.1/18.8 17

11 17	6 12.49	+21 40.6	2.043	2.887	12.2	20.1
11 27	6 6.57	+21 10.9	1.977	2.893	8.8	19.9
12 7	5 58.73	+20 40.6	1.936	2.899	5.0	19.7
12 17	5 49.77	+20 10.2	1.923	2.905	1.4	19.4
12 27	5 40.73	+19 41.1	1.939	2.912	3.6	19.6
1 6	5 32.65	+19 14.9	1.985	2.918	7.4	19.9
1 16	5 26.34	+18 53.2	2.058	2.925	10.8	20.1
1 26	5 22.37	+18 37.1	2.153	2.932	13.8	20.3

340911 2007 DB_{52} 12 18.9 185°.10 3°.6/19.3 18

11 17	6 19.75	+32 36.0	1.781	2.615	14.2	21.5
11 27	6 12.39	+32 54.4	1.709	2.615	10.6	21.3
12 7	6 2.25	+33 3.7	1.660	2.615	6.7	21.1
12 17	5 50.38	+33 0.0	1.639	2.614	3.7	20.9
12 27	5 38.26	+32 41.9	1.647	2.613	5.1	21.0
1 6	5 27.41	+32 11.3	1.683	2.612	8.9	21.2
1 16	5 19.02	+31 32.9	1.746	2.610	12.6	21.4
1 26	5 13.85	+30 51.9	1.830	2.608	15.9	21.7

229663 2006 KX_{20} 12 18.9 235°.81 0°.9/19.0 18

11 17	6 11.78	+19 18.2	2.419	3.254	10.8	20.1
11 27	6 5.97	+19 38.3	2.339	3.250	7.9	19.9
12 7	5 58.41	+20 1.4	2.285	3.247	4.5	19.6
12 17	5 49.73	+20 26.4	2.261	3.243	1.2	19.4
12 27	5 40.81	+20 52.2	2.267	3.239	3.1	19.5
1 6	5 32.54	+21 18.2	2.303	3.236	6.6	19.8
1 16	5 25.72	+21 43.9	2.367	3.232	9.7	20.0
1 26	5 20.94	+22 9.5	2.456	3.228	12.5	20.1

166252 2002 GJ_{25} 12 18.9 125°.99 1°.5/18.9 18

11 17	6 15.90	+19 20.9	1.998	2.835	12.7	21.2
11 27	6 9.02	+19 11.7	1.936	2.848	9.2	21.0
12 7	6 0.10	+19 4.6	1.900	2.861	5.3	20.8
12 17	5 50.01	+18 59.3	1.892	2.874	1.7	20.6
12 27	5 39.85	+18 56.0	1.915	2.886	3.8	20.8
1 6	5 30.71	+18 55.2	1.966	2.897	7.6	21.0
1 16	5 23.46	+18 57.6	2.045	2.908	11.1	21.3
1 26	5 18.68	+19 3.5	2.147	2.919	14.0	21.5

457475 2008 UB_{239} 12 18.9 57°.67 2°.1/18.5 18

11 17	6 15.77	+20 53.4	2.014	2.852	12.6	20.2
11 27	6 8.64	+19 42.4	1.965	2.877	9.1	20.1
12 7	5 59.73	+18 30.7	1.942	2.903	5.3	19.9
12 17	5 49.93	+17 20.9	1.949	2.929	2.2	19.7
12 27	5 40.31	+16 16.2	1.986	2.954	4.1	19.9
1 6	5 31.87	+15 19.8	2.054	2.980	7.6	20.2
1 16	5 25.34	+14 33.5	2.148	3.006	10.9	20.4
1 26	5 21.17	+13 58.3	2.266	3.032	13.6	20.7

348722 2006 DS_{71} 12 18.9 67°.40 2°.4/18.9 18

11 17	6 15.99	+17 13.2	1.524	2.372	15.4	19.4
11 27	6 9.47	+17 9.6	1.474	2.390	11.2	19.2
12 7	6 0.48	+17 11.6	1.447	2.409	6.6	19.0
12 17	5 50.08	+17 19.0	1.447	2.427	2.7	18.8
12 27	5 39.65	+17 31.2	1.474	2.445	4.7	19.0
1 6	5 30.56	+17 47.9	1.529	2.464	9.1	19.3
1 16	5 23.81	+18 8.5	1.609	2.482	13.0	19.6
1 26	5 20.02	+18 32.6	1.711	2.500	16.4	19.8

202776 2007 TK_{348} 12 18.9 65°.82 0°.9/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.62	+20 54.9	1.577	2.427	14.8	20.2
11 27	6 9.31	+20 59.5	1.519	2.438	10.7	20.0
12 7	6 0.45	+21 6.0	1.484	2.448	6.1	19.8
12 17	5 50.09	+21 13.2	1.476	2.459	1.3	19.5
12 27	5 39.59	+21 20.4	1.496	2.470	4.1	19.7
1 6	5 30.34	+21 27.8	1.544	2.481	8.7	20.0
1 16	5 23.42	+21 36.2	1.617	2.492	12.9	20.3
1 26	5 19.48	+21 46.4	1.712	2.503	16.3	20.5

394881 2008 UW_{93} 12 18.9 357°.17 0°.6/19.0 18

11 17	6 13.62	+19 26.7	1.249	2.114	17.0	19.7
11 27	6 8.62	+20 11.6	1.185	2.111	12.4	19.4
12 7	6 0.45	+21 4.6	1.141	2.108	7.1	19.1
12 17	5 50.14	+22 1.8	1.123	2.106	1.3	18.8
12 27	5 39.33	+22 58.9	1.131	2.106	4.7	19.0
1 6	5 29.80	+23 52.7	1.164	2.106	10.3	19.3
1 16	5 23.01	+24 41.7	1.220	2.107	15.2	19.6
1 26	5 19.86	+25 26.1	1.296	2.110	19.3	19.9

116639 2004 CF 12 18.9 30°.43 5°.9/17.8 18

11 17	6 21.24	+32 6.4	1.586	2.424	15.4	18.4
11 27	6 14.13	+34 12.0	1.523	2.429	11.7	18.2
12 7	6 3.63	+36 13.5	1.486	2.435	8.0	18.0
12 17	5 50.70	+38 0.6	1.476	2.441	5.9	17.9
12 27	5 37.04	+39 24.8	1.496	2.447	7.5	18.0
1 6	5 24.55	+40 23.2	1.542	2.453	10.9	18.2
1 16	5 14.84	+40 58.4	1.613	2.460	14.4	18.4
1 26	5 8.97	+41 16.4	1.705	2.468	17.5	18.6

212959 2009 BD_{65} 12 18.9 167°.94 1°.9/18.9 18

11 17	6 14.56	+18 5.1	2.072	2.908	12.3	21.4
11 27	6 8.11	+17 56.6	2.000	2.911	9.0	21.2
12 7	5 59.65	+17 51.2	1.954	2.914	5.3	21.0
12 17	5 49.97	+17 48.9	1.936	2.916	2.1	20.8
12 27	5 40.12	+17 49.7	1.948	2.918	3.9	20.9
1 6	5 31.15	+17 54.0	1.990	2.920	7.6	21.2
1 16	5 23.93	+18 2.0	2.058	2.921	11.1	21.4
1 26	5 19.09	+18 13.8	2.149	2.921	14.0	21.6

443981 2003 UF_{379} 12 18.9 109°.57 8°.0/18.7 15

11 17	6 14.71	+ 1 24.3	2.021	2.817	14.1	22.9
11 27	6 7.96	+ 0 24.7	1.973	2.838	11.5	22.7
12 7	5 59.43	− 0 19.1	1.949	2.858	9.2	22.6
12 17	5 49.92	− 0 43.3	1.952	2.878	8.1	22.6
12 27	5 40.43	− 0 46.3	1.983	2.898	8.6	22.7
1 6	5 31.92	− 0 29.0	2.041	2.916	10.5	22.8
1 16	5 25.15	+ 0 5.8	2.123	2.935	12.8	23.0
1 26	5 20.63	+ 0 53.8	2.226	2.952	14.9	23.2

226430 2003 SU_{24} 12 18.9 69°.26 7°.8/18.7 18

11 17	6 11.17	+ 1 12.3	2.112	2.911	13.5	20.2
11 27	6 5.40	+ 0 15.0	2.065	2.931	11.0	20.1
12 7	5 57.99	− 0 26.7	2.042	2.950	8.9	20.0
12 17	5 49.68	− 0 49.6	2.045	2.970	7.8	20.0
12 27	5 41.37	− 0 52.0	2.076	2.989	8.4	20.0
1 6	5 33.94	− 0 34.9	2.132	3.009	10.1	20.2
1 16	5 28.09	− 0 1.0	2.214	3.028	12.2	20.4
1 26	5 24.29	+ 0 46.0	2.317	3.047	14.3	20.6

495389 2014 QX_{243} 12 18.9 357°.72 5°.7/18.6 17

11 17	6 13.49	+33 44.5	1.494	2.345	15.5	20.2
11 27	6 8.50	+34 56.5	1.429	2.341	11.8	19.9
12 7	6 0.39	+36 0.8	1.386	2.338	8.1	19.7
12 17	5 50.16	+36 50.4	1.368	2.336	5.7	19.6
12 27	5 39.43	+37 20.5	1.376	2.335	7.0	19.7
1 6	5 29.95	+37 30.6	1.410	2.335	10.6	19.9
1 16	5 23.16	+37 24.2	1.468	2.337	14.3	20.1
1 26	5 19.96	+37 6.9	1.545	2.340	17.6	20.3

210020 2006 KV_{42} 12 19.0 68°.55 1°.2/18.9 18

11 17	6 18.73	+24 49.2	1.619	2.464	14.8	19.7
11 27	6 11.40	+25 22.4	1.576	2.492	10.6	19.5
12 7	6 1.55	+25 53.6	1.557	2.520	6.0	19.3
12 17	5 50.31	+26 19.6	1.565	2.548	1.5	19.1
12 27	5 39.12	+26 38.5	1.603	2.576	4.0	19.3
1 6	5 29.37	+26 50.4	1.668	2.603	8.4	19.7
1 16	5 22.06	+26 57.3	1.759	2.630	12.2	20.0
1 26	5 17.80	+27 1.7	1.873	2.657	15.3	20.2

204149 2003 YG_{113} 12 19.0 249°.40 0°.3/18.9 18

11 17	6 16.08	+22 19.5	2.148	2.983	12.0	20.1
11 27	6 9.50	+22 57.2	2.055	2.967	8.8	19.8
12 7	6 0.64	+23 37.3	1.988	2.951	5.0	19.6
12 17	5 50.22	+24 17.1	1.951	2.934	0.9	19.2
12 27	5 39.29	+24 54.1	1.944	2.917	3.4	19.4
1 6	5 29.02	+25 27.0	1.967	2.899	7.5	19.6
1 16	5 20.45	+25 55.6	2.018	2.881	11.2	19.8
1 26	5 14.40	+26 21.2	2.092	2.862	14.4	20.0

326601 2002 RL_8 12 19.0 92°.71 0°.9/18.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.66	+21 30.9	1.541	2.385	15.5	21.7
11 27	6 12.75	+21 23.7	1.496	2.411	11.1	21.5
12 7	6 2.28	+21 17.0	1.474	2.437	6.3	21.3
12 17	5 50.44	+21 9.9	1.479	2.462	1.4	21.0
12 27	5 38.73	+21 2.5	1.514	2.487	4.2	21.3
1 6	5 28.57	+20 55.9	1.577	2.512	8.8	21.6
1 16	5 20.97	+20 51.6	1.665	2.535	12.8	21.9
1 26	5 16.48	+20 51.1	1.776	2.558	16.1	22.2

47350 1999 XR_{52} 12 19.0 323°.47 0°.1/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.02	+24 17.5	1.306	2.166	16.6	17.9
11 27	6 10.29	+23 59.2	1.235	2.159	12.2	17.7
12 7	6 1.36	+23 37.6	1.185	2.152	6.9	17.3
12 17	5 50.34	+23 11.9	1.161	2.145	1.2	17.0
12 27	5 38.94	+22 43.0	1.164	2.138	4.7	17.2
1 6	5 28.93	+22 13.6	1.192	2.132	10.3	17.5
1 16	5 21.72	+21 47.2	1.243	2.127	15.3	17.8
1 26	5 18.14	+21 26.7	1.314	2.122	19.4	18.0

354649 2005 JJ_{44} 12 19.0 188°.78 2°.8/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.13	+30 0.4	2.149	2.980	12.2	21.1
11 27	6 10.21	+30 41.6	2.073	2.980	9.0	20.9
12 7	6 0.99	+31 18.2	2.023	2.979	5.6	20.6
12 17	5 50.27	+31 46.5	2.001	2.977	2.9	20.5
12 27	5 39.22	+32 4.2	2.010	2.976	4.3	20.6
1 6	5 29.07	+32 11.2	2.047	2.973	7.7	20.8
1 16	5 20.84	+32 9.4	2.112	2.971	11.0	21.0
1 26	5 15.27	+32 2.3	2.201	2.968	13.9	21.2

387747 2003 NF_{11} 12 19.0 201°.25 1°.3/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.97	+20 13.8	2.144	2.978	12.1	22.1
11 27	6 9.15	+19 59.7	2.063	2.974	8.8	21.8
12 7	6 0.29	+19 46.2	2.008	2.969	5.1	21.6
12 17	5 50.14	+19 33.5	1.982	2.964	1.5	21.3
12 27	5 39.76	+19 21.8	1.986	2.958	3.6	21.5
1 6	5 30.22	+19 12.1	2.021	2.951	7.5	21.7
1 16	5 22.43	+19 5.4	2.082	2.944	11.0	21.9
1 26	5 17.03	+19 2.7	2.168	2.936	14.0	22.1

326062 2011 AG_{39} 12 19.0 121°.55 1°.2/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.00	+18 9.0	2.291	3.126	11.4	20.6
11 27	6 6.87	+18 29.4	2.222	3.132	8.3	20.4
12 7	5 58.94	+18 53.8	2.178	3.139	4.8	20.2
12 17	5 49.91	+19 20.8	2.164	3.146	1.5	20.0
12 27	5 40.69	+19 49.5	2.180	3.152	3.3	20.1
1 6	5 32.24	+20 18.7	2.226	3.158	6.8	20.3
1 16	5 25.35	+20 48.1	2.300	3.164	10.0	20.6
1 26	5 20.60	+21 17.6	2.398	3.170	12.7	20.8

519098 2010 LY_{94} 12 19.0 91°.35 9°.3/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.29	− 4 45.7	2.042	2.813	14.8	20.9
11 27	6 7.02	− 5 9.3	1.991	2.830	12.6	20.8
12 7	5 58.97	− 5 11.6	1.962	2.846	10.5	20.7
12 17	5 49.90	− 4 49.9	1.958	2.862	9.4	20.7
12 27	5 40.80	− 4 3.9	1.980	2.878	9.6	20.7
1 6	5 32.61	− 2 56.4	2.029	2.894	11.1	20.8
1 16	5 26.09	− 1 32.3	2.103	2.910	13.1	21.0
1 26	5 21.78	+ 0 2.7	2.199	2.925	15.1	21.2

146292 2001 HZ_{13} 12 19.0 72°.51 0°.4/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.08	+23 42.7	1.357	2.211	16.5	19.4
11 27	6 11.97	+23 20.6	1.308	2.229	11.9	19.1
12 7	6 1.99	+22 56.2	1.282	2.247	6.7	18.9
12 17	5 50.41	+22 29.2	1.282	2.265	1.2	18.6
12 27	5 38.92	+22 0.9	1.309	2.283	4.4	18.9
1 6	5 29.10	+21 33.9	1.363	2.301	9.5	19.2
1 16	5 22.06	+21 10.9	1.441	2.319	14.0	19.5
1 26	5 18.41	+20 54.2	1.540	2.337	17.6	19.8

287710 2003 QB_{69} 12 19.0 97°.24 1°.3/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.42	+25 31.5	1.886	2.721	13.4	20.5
11 27	6 11.69	+26 3.6	1.836	2.747	9.7	20.3
12 7	6 1.68	+26 33.2	1.811	2.772	5.5	20.1
12 17	5 50.37	+26 57.3	1.815	2.797	1.5	19.9
12 27	5 39.04	+27 14.2	1.849	2.821	3.7	20.1
1 6	5 28.96	+27 24.0	1.913	2.844	7.7	20.4
1 16	5 21.08	+27 28.7	2.003	2.867	11.3	20.7
1 26	5 16.00	+27 30.7	2.116	2.889	14.2	20.9

361409 2006 WK_{99} 12 19.0 145°.42 0°.6/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.24	+22 2.5	2.072	2.911	12.2	21.5
11 27	6 7.91	+21 54.7	2.002	2.916	8.8	21.3
12 7	5 59.57	+21 46.7	1.957	2.920	5.0	21.1
12 17	5 50.02	+21 38.0	1.940	2.923	1.0	20.8
12 27	5 40.32	+21 28.8	1.954	2.927	3.4	21.0
1 6	5 31.55	+21 20.0	1.997	2.930	7.3	21.3
1 16	5 24.56	+21 12.6	2.066	2.933	10.8	21.5
1 26	5 19.99	+21 8.1	2.159	2.936	13.8	21.7

179121 2001 SL_{255} 12 19.0 87°.09 3°.1/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.08	+15 17.8	1.915	2.754	13.1	20.3
11 27	6 7.12	+14 57.5	1.850	2.760	9.7	20.1
12 7	5 59.14	+14 42.7	1.809	2.766	6.0	19.9
12 17	5 49.95	+14 34.3	1.796	2.772	3.2	19.7
12 27	5 40.62	+14 33.1	1.812	2.778	4.7	19.8
1 6	5 32.24	+14 39.1	1.857	2.784	8.2	20.0
1 16	5 25.67	+14 52.1	1.927	2.790	11.7	20.3
1 26	5 21.52	+15 11.2	2.020	2.796	14.6	20.5

366688 2003 UJ_{291} 12 19.0 55°.23 2°.2/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.75	+17 40.9	2.059	2.900	12.2	20.9
11 27	6 6.02	+17 23.6	1.999	2.912	8.9	20.7
12 7	5 58.46	+17 9.7	1.963	2.923	5.3	20.5
12 17	5 49.83	+16 59.7	1.955	2.935	2.3	20.4
12 27	5 41.13	+16 54.0	1.977	2.947	3.9	20.5
1 6	5 33.34	+16 53.1	2.028	2.959	7.4	20.7
1 16	5 27.25	+16 57.2	2.105	2.971	10.7	21.0
1 26	5 23.40	+17 6.1	2.206	2.983	13.5	21.2

181574 2006 VL_{50} 12 19.0 98°.79 0°.2/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.67	+23 29.3	1.952	2.794	12.7	20.8
11 27	6 8.30	+23 19.9	1.886	2.802	9.2	20.6
12 7	5 59.82	+23 9.1	1.846	2.809	5.2	20.4
12 17	5 50.08	+22 56.2	1.834	2.817	0.9	20.1
12 27	5 40.24	+22 41.5	1.851	2.824	3.5	20.3
1 6	5 31.43	+22 26.2	1.897	2.832	7.5	20.6
1 16	5 24.55	+22 12.1	1.970	2.839	11.2	20.8
1 26	5 20.22	+22 0.8	2.066	2.846	14.2	21.1

296136 2009 BB_{86} 12 19.0 359°.94 2°.0/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.11	+27 56.0	1.314	2.177	16.4	20.4
11 27	6 8.91	+28 0.6	1.250	2.174	12.1	20.1
12 7	6 0.57	+27 59.3	1.208	2.173	7.1	19.8
12 17	5 50.24	+27 49.4	1.190	2.172	2.3	19.5
12 27	5 39.62	+27 30.3	1.199	2.173	4.8	19.7
1 6	5 30.46	+27 4.2	1.233	2.174	10.0	20.0
1 16	5 24.09	+26 35.3	1.290	2.176	14.6	20.3
1 26	5 21.30	+26 7.7	1.367	2.180	18.5	20.5

491030 2011 PA_{15} 12 19.0 14°.68 3°.0/19.3 15

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 10.78	+32 26.5	2.131	2.970	11.9	20.5
11 27	6 5.52	+32 38.4	2.069	2.978	8.9	20.3
12 7	5 58.25	+32 42.8	2.032	2.987	5.6	20.2
12 17	5 49.82	+32 37.7	2.022	2.997	3.1	20.0
12 27	5 41.29	+32 22.4	2.041	3.007	4.2	20.1
1 6	5 33.74	+31 58.6	2.088	3.019	7.3	20.3
1 16	5 28.02	+31 29.0	2.162	3.031	10.3	20.5
1 26	5 24.70	+30 57.0	2.259	3.043	13.0	20.7

420232 2011 HE_{54} 12 19.0 304°.73 3°.1/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.17	+30 6.2	2.147	2.983	12.0	20.9
11 27	6 8.24	+30 59.2	2.062	2.970	8.9	20.6
12 7	5 59.99	+31 49.0	2.002	2.958	5.6	20.4
12 17	5 50.16	+32 31.4	1.970	2.945	3.2	20.2
12 27	5 39.85	+33 3.3	1.969	2.933	4.5	20.3
1 6	5 30.28	+33 23.8	1.996	2.921	7.9	20.5
1 16	5 22.52	+33 34.2	2.049	2.910	11.2	20.7
1 26	5 17.36	+33 37.3	2.126	2.898	14.1	20.9

248821 2006 SJ_{269} 12 19.0 82°.44 2°.0/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.50	+28 51.2	1.845	2.686	13.4	20.9
11 27	6 9.78	+28 59.0	1.785	2.698	9.8	20.7
12 7	6 0.70	+29 0.9	1.749	2.710	5.8	20.4
12 17	5 50.26	+28 54.9	1.741	2.722	2.2	20.2
12 27	5 39.74	+28 40.4	1.762	2.734	4.0	20.4
1 6	5 30.42	+28 19.1	1.812	2.746	7.9	20.6
1 16	5 23.30	+27 54.1	1.888	2.758	11.6	20.9
1 26	5 18.98	+27 28.8	1.986	2.769	14.6	21.1

16196 2000 AR_{236} 12 19.0 114°.97 5°.8/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.98	+43 0.3	2.402	3.198	12.1	18.0
11 27	6 11.38	+43 10.1	2.332	3.204	9.7	17.8
12 7	6 1.52	+43 5.1	2.287	3.209	7.4	17.7
12 17	5 50.39	+42 41.7	2.270	3.214	5.9	17.6
12 27	5 39.25	+41 59.5	2.281	3.219	6.2	17.6
1 6	5 29.32	+41 1.1	2.321	3.224	8.2	17.7
1 16	5 21.56	+39 51.6	2.389	3.229	10.6	17.9
1 26	5 16.54	+38 37.0	2.480	3.234	12.8	18.1

251470 2008 DR_{18} 12 19.0 283°.05 9°.3/17.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.51	− 0 58.9	2.024	2.816	14.2	20.4
11 27	6 6.12	− 2 3.3	1.937	2.794	12.1	20.2
12 7	5 58.71	− 2 52.0	1.873	2.772	10.2	20.0
12 17	5 49.95	− 3 20.0	1.835	2.749	9.3	19.9
12 27	5 40.79	− 3 23.7	1.822	2.726	10.0	19.9
1 6	5 32.26	− 3 2.8	1.836	2.703	11.9	20.0
1 16	5 25.28	− 2 19.4	1.872	2.680	14.4	20.1
1 26	5 20.58	− 1 17.9	1.929	2.657	16.8	20.2

152529 2006 XS_6 12 19.0 211°.29 0°.6/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.95	+26 18.1	2.196	3.032	11.8	20.5
11 27	6 8.44	+26 5.6	2.116	3.028	8.5	20.3
12 7	5 59.91	+25 49.0	2.062	3.024	4.9	20.1
12 17	5 50.14	+25 27.7	2.037	3.020	1.1	19.8
12 27	5 40.18	+25 1.8	2.042	3.015	3.3	20.0
1 6	5 31.11	+24 33.1	2.077	3.011	7.1	20.2
1 16	5 23.82	+24 4.0	2.140	3.006	10.6	20.4
1 26	5 18.92	+23 36.9	2.226	3.000	13.5	20.6

441838 2009 VJ_5 12 19.0 217°.94 0°.9/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.08	+25 35.8	1.665	2.509	14.5	21.3
11 27	6 11.30	+25 41.8	1.589	2.505	10.6	21.1
12 7	6 1.78	+25 44.8	1.537	2.500	6.1	20.8
12 17	5 50.48	+25 42.6	1.512	2.495	1.4	20.5
12 27	5 38.84	+25 34.4	1.516	2.490	4.1	20.7
1 6	5 28.34	+25 21.3	1.549	2.484	8.8	20.9
1 16	5 20.20	+25 5.9	1.606	2.478	13.1	21.2
1 26	5 15.22	+24 51.4	1.685	2.472	16.7	21.4

196250 2003 DN_{17} 12 19.0 221°.35 2°.9/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.70	+16 24.7	1.776	2.616	13.9	20.5
11 27	6 9.32	+16 6.1	1.699	2.611	10.3	20.3
12 7	6 0.56	+15 52.1	1.646	2.605	6.3	20.0
12 17	5 50.28	+15 43.7	1.620	2.598	3.0	19.8
12 27	5 39.68	+15 41.4	1.624	2.592	4.8	19.9
1 6	5 30.04	+15 45.6	1.655	2.585	8.9	20.2
1 16	5 22.41	+15 56.5	1.713	2.577	12.8	20.4
1 26	5 17.52	+16 13.6	1.792	2.570	16.2	20.6

112305 2002 LL_{46} 12 19.0 97°.27 5°.0/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.98	+ 7 54.0	1.970	2.787	13.7	19.4
11 27	6 8.99	+ 7 53.1	1.920	2.811	10.5	19.2
12 7	6 0.11	+ 8 4.6	1.895	2.835	7.3	19.1
12 17	5 50.17	+ 8 28.9	1.897	2.858	5.1	19.0
12 27	5 40.23	+ 9 5.2	1.929	2.881	5.9	19.1
1 6	5 31.32	+ 9 51.5	1.989	2.904	8.6	19.3
1 16	5 24.23	+10 45.2	2.077	2.926	11.6	19.5
1 26	5 19.50	+11 43.3	2.187	2.947	14.2	19.8

460262 2014 QJ_{304} 12 19.0 337°.74 1°.1/19.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.26	+19 40.7	1.809	2.657	13.3	20.5
11 27	6 6.87	+19 50.9	1.734	2.652	9.7	20.2
12 7	5 59.20	+20 4.6	1.683	2.646	5.6	20.0
12 17	5 50.05	+20 20.7	1.658	2.641	1.5	19.7
12 27	5 40.59	+20 38.3	1.663	2.636	3.8	19.9
1 6	5 32.01	+20 56.9	1.695	2.632	8.1	20.1
1 16	5 25.35	+21 16.4	1.754	2.628	12.0	20.3
1 26	5 21.34	+21 37.2	1.834	2.625	15.4	20.6

187738 5031 P–L 12 19.0 64°.49 2°.2/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.17	+19 32.8	1.285	2.141	17.1	19.8
11 27	6 11.38	+19 8.9	1.239	2.160	12.4	19.6
12 7	6 1.72	+18 47.9	1.216	2.180	7.2	19.3
12 17	5 50.45	+18 30.5	1.218	2.199	2.5	19.1
12 27	5 39.26	+18 17.6	1.247	2.219	5.1	19.3
1 6	5 29.73	+18 10.4	1.301	2.239	10.0	19.7
1 16	5 22.99	+18 9.7	1.380	2.258	14.4	20.0
1 26	5 19.63	+18 15.6	1.479	2.278	18.0	20.3

14406 1991 PP_8 12 19.0 99°.22 0°.2/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.95	+23 36.2	2.406	3.241	10.9	18.9
11 27	6 6.76	+23 43.8	2.343	3.255	7.8	18.8
12 7	5 58.86	+23 50.5	2.307	3.269	4.4	18.6
12 17	5 49.98	+23 55.2	2.299	3.283	0.8	18.3
12 27	5 41.01	+23 57.6	2.323	3.296	2.9	18.5
1 6	5 32.87	+23 58.0	2.376	3.310	6.3	18.8
1 16	5 26.29	+23 57.3	2.458	3.323	9.4	19.0
1 26	5 21.80	+23 56.8	2.563	3.336	12.0	19.2

368316 2002 PQ_{114} 12 19.0 121°.77 2°.2/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.32	+31 20.7	2.609	3.435	10.4	21.3
11 27	6 7.71	+31 28.1	2.543	3.447	7.7	21.2
12 7	5 59.38	+31 29.3	2.504	3.458	4.7	21.0
12 17	5 50.07	+31 22.7	2.493	3.470	2.4	20.8
12 27	5 40.69	+31 7.9	2.514	3.481	3.5	20.9
1 6	5 32.17	+30 46.2	2.564	3.492	6.3	21.1
1 16	5 25.24	+30 19.8	2.643	3.502	9.0	21.3
1 26	5 20.43	+29 51.6	2.746	3.512	11.4	21.5

346400 2008 SA_{129} 12 19.0 59°.24 0°.3/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.72	+23 28.2	1.463	2.317	15.6	20.9
11 27	6 10.27	+23 15.2	1.408	2.328	11.3	20.7
12 7	6 1.12	+23 0.6	1.375	2.340	6.3	20.4
12 17	5 50.38	+22 43.7	1.369	2.352	1.1	20.1
12 27	5 39.59	+22 25.2	1.391	2.365	4.2	20.4
1 6	5 30.22	+22 6.7	1.439	2.377	9.1	20.7
1 16	5 23.40	+21 50.8	1.512	2.390	13.4	21.0
1 26	5 19.76	+21 39.2	1.607	2.403	16.9	21.2

104215 2000 ES_{118} 12 19.0 260°.28 0°.4/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.03	+20 52.5	1.855	2.698	13.3	19.8
11 27	6 8.89	+21 19.4	1.777	2.692	9.7	19.5
12 7	6 0.37	+21 49.4	1.724	2.687	5.5	19.3
12 17	5 50.28	+22 20.3	1.698	2.682	1.0	18.9
12 27	5 39.81	+22 50.3	1.702	2.676	3.7	19.1
1 6	5 30.22	+23 18.1	1.735	2.670	8.1	19.4
1 16	5 22.59	+23 43.8	1.794	2.665	12.0	19.6
1 26	5 17.68	+24 8.2	1.876	2.659	15.3	19.8

278160 2007 DJ_{34} 12 19.0 160°.65 1°.0/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.53	+25 59.5	2.006	2.840	12.8	21.4
11 27	6 11.15	+26 10.2	1.936	2.847	9.3	21.2
12 7	6 1.50	+26 17.9	1.891	2.853	5.3	21.0
12 17	5 50.45	+26 20.4	1.876	2.858	1.4	20.7
12 27	5 39.23	+26 16.9	1.890	2.863	3.6	20.9
1 6	5 29.06	+26 8.3	1.935	2.867	7.6	21.2
1 16	5 20.92	+25 56.8	2.006	2.870	11.2	21.4
1 26	5 15.49	+25 44.9	2.101	2.873	14.3	21.6

517286 2014 GV_{58} 12 19.0 79°.37 0°.5/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.42	+23 33.8	1.695	2.541	14.2	21.3
11 27	6 9.90	+23 58.2	1.634	2.551	10.2	21.1
12 7	6 0.89	+24 22.6	1.598	2.562	5.8	20.8
12 17	5 50.36	+24 44.3	1.589	2.573	1.1	20.5
12 27	5 39.66	+25 1.5	1.610	2.584	3.8	20.8
1 6	5 30.13	+25 14.2	1.658	2.594	8.3	21.0
1 16	5 22.85	+25 23.6	1.732	2.605	12.3	21.3
1 26	5 18.50	+25 31.5	1.828	2.615	15.5	21.6

484356 2007 VE_{62} 12 19.0 356°.95 2°.2/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.21	+27 21.6	1.320	2.184	16.3	20.8
11 27	6 8.35	+27 46.3	1.255	2.180	12.0	20.5
12 7	6 0.35	+28 7.1	1.212	2.177	7.0	20.2
12 17	5 50.31	+28 20.6	1.193	2.175	2.5	19.9
12 27	5 39.88	+28 24.4	1.200	2.174	5.0	20.1
1 6	5 30.82	+28 19.3	1.233	2.174	10.0	20.4
1 16	5 24.50	+28 8.3	1.289	2.175	14.6	20.7
1 26	5 21.76	+27 55.2	1.364	2.178	18.5	20.9

43059 1999 VF_{93} 12 19.0 168°.22 0°.4/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.96	+22 32.8	1.899	2.740	13.1	20.1
11 27	6 9.38	+22 29.5	1.828	2.742	9.5	19.9
12 7	6 0.55	+22 25.9	1.781	2.744	5.4	19.7
12 17	5 50.32	+22 20.9	1.763	2.746	1.0	19.4
12 27	5 39.88	+22 14.4	1.774	2.747	3.6	19.6
1 6	5 30.45	+22 7.3	1.814	2.748	7.9	19.8
1 16	5 23.02	+22 1.0	1.880	2.749	11.7	20.1
1 26	5 18.24	+21 57.1	1.970	2.750	14.8	20.3

68502 2001 US_{66} 12 19.0 243°.76 3°.8/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.09	+32 34.2	1.635	2.474	14.9	19.4
11 27	6 12.26	+32 53.8	1.561	2.470	11.2	19.1
12 7	6 2.42	+33 4.1	1.510	2.465	7.2	18.9
12 17	5 50.66	+33 0.7	1.485	2.460	4.0	18.7
12 27	5 38.54	+32 42.0	1.489	2.455	5.4	18.8
1 6	5 27.73	+32 9.9	1.520	2.450	9.4	19.0
1 16	5 19.53	+31 29.4	1.576	2.445	13.5	19.2
1 26	5 14.77	+30 46.3	1.653	2.440	16.9	19.4

369428 2009 WZ_{239} 12 19.0 241°.15 1°.9/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.43	+29 12.0	2.448	3.280	10.8	21.1
11 27	6 7.33	+29 24.3	2.365	3.273	7.9	20.9
12 7	5 59.32	+29 32.1	2.308	3.266	4.8	20.7
12 17	5 50.11	+29 33.4	2.279	3.259	2.0	20.5
12 27	5 40.66	+29 27.5	2.281	3.251	3.4	20.6
1 6	5 31.96	+29 15.0	2.313	3.243	6.7	20.8
1 16	5 24.84	+28 57.9	2.372	3.235	9.8	21.0
1 26	5 19.95	+28 38.7	2.456	3.227	12.5	21.1

117012 2004 JZ_4 12 19.0 225°.11 0°.3/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.54	+24 14.6	2.298	3.133	11.3	20.8
11 27	6 8.17	+24 18.2	2.213	3.125	8.2	20.6
12 7	5 59.82	+24 20.3	2.154	3.116	4.7	20.3
12 17	5 50.20	+24 19.7	2.123	3.107	0.9	20.0
12 27	5 40.31	+24 15.9	2.124	3.097	3.1	20.2
1 6	5 31.17	+24 9.6	2.154	3.087	6.9	20.4
1 16	5 23.66	+24 2.0	2.212	3.076	10.3	20.6
1 26	5 18.44	+23 55.0	2.293	3.066	13.2	20.8

272754 2005 YE_{143} 12 19.0 294°.71 0°.1/19.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.81	+22 57.2	2.054	2.897	12.2	21.2
11 27	6 7.17	+23 10.1	1.968	2.883	8.9	21.0
12 7	5 59.38	+23 23.4	1.906	2.870	5.0	20.7
12 17	5 50.15	+23 35.5	1.873	2.856	0.9	20.4
12 27	5 40.55	+23 45.6	1.869	2.843	3.4	20.6
1 6	5 31.70	+23 53.4	1.894	2.830	7.5	20.8
1 16	5 24.59	+23 59.9	1.946	2.816	11.2	21.0
1 26	5 19.94	+24 6.2	2.020	2.803	14.4	21.2

457458 2008 UF_{168} 12 19.0 167°.77 2°.9/18.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 10.45	+13 16.5	2.918	3.739	9.6	22.4
11 27	6 4.72	+12 52.0	2.844	3.743	7.1	22.3
12 7	5 57.67	+12 31.9	2.797	3.746	4.7	22.1
12 17	5 49.84	+12 17.2	2.779	3.749	3.0	22.0
12 27	5 41.90	+12 8.9	2.793	3.752	3.9	22.1
1 6	5 34.55	+12 7.0	2.837	3.754	6.2	22.2
1 16	5 28.36	+12 11.5	2.909	3.756	8.7	22.4
1 26	5 23.79	+12 22.0	3.006	3.757	10.9	22.5

137222 1999 RB_1 12 19.0 190°.56 2°.6/18.9 18

11 17	6 18.03	+17 33.2	1.775	2.612	14.0	20.1
11 27	6 10.98	+17 11.4	1.700	2.611	10.3	19.9
12 7	6 1.51	+16 52.9	1.650	2.610	6.2	19.7
12 17	5 50.52	+16 38.3	1.628	2.607	2.7	19.4
12 27	5 39.28	+16 28.5	1.635	2.604	4.7	19.5
1 6	5 29.07	+16 24.3	1.672	2.601	8.8	19.8
1 16	5 20.96	+16 26.3	1.734	2.596	12.8	20.0
1 26	5 15.66	+16 34.7	1.818	2.591	16.1	20.2

7460 Julienicoles 12 19.0 295°.90 0°.8/19.0 18

11 17	6 15.29	+21 0.0	1.516	2.369	15.2	18.8
11 27	6 9.59	+21 7.9	1.435	2.355	11.1	18.5
12 7	6 1.02	+21 18.4	1.377	2.341	6.4	18.2
12 17	5 50.48	+21 30.2	1.344	2.328	1.4	17.9
12 27	5 39.39	+21 42.0	1.340	2.314	4.4	18.0
1 6	5 29.32	+21 53.7	1.362	2.300	9.5	18.3
1 16	5 21.60	+22 5.8	1.409	2.287	14.2	18.5
1 26	5 17.14	+22 19.7	1.476	2.274	18.1	18.8

271553 2004 JC_{27} 12 19.0 289°.77 2°.5/18.9 18

11 17	6 18.32	+26 37.9	1.492	2.341	15.5	20.5
11 27	6 12.30	+27 24.9	1.397	2.314	11.6	20.2
12 7	6 2.87	+28 12.5	1.324	2.287	6.9	19.8
12 17	5 50.85	+28 55.2	1.278	2.259	2.7	19.5
12 27	5 37.80	+29 28.2	1.260	2.231	5.2	19.6
1 6	5 25.59	+29 49.7	1.268	2.203	10.4	19.8
1 16	5 15.93	+30 1.0	1.300	2.175	15.4	20.0
1 26	5 10.04	+30 6.1	1.353	2.147	19.7	20.2

52613 1997 UK_{10} 12 19.0 116°.94 3°.6/18.9 18

11 17	6 18.64	+32 28.0	2.138	2.964	12.4	18.6
11 27	6 11.27	+33 15.6	2.078	2.979	9.3	18.5
12 7	6 1.61	+33 56.3	2.043	2.993	6.0	18.3
12 17	5 50.54	+34 25.8	2.036	3.007	3.7	18.2
12 27	5 39.29	+34 41.9	2.060	3.021	4.8	18.3
1 6	5 29.10	+34 45.0	2.113	3.034	7.8	18.5
1 16	5 20.97	+34 37.7	2.193	3.047	10.8	18.7
1 26	5 15.55	+34 24.1	2.296	3.059	13.5	18.9

179960 2002 XF_2 12 19.0 30°.30 1°.9/19.1 18

11 17	6 13.53	+18 27.3	1.400	2.258	15.9	20.0
11 27	6 8.06	+18 32.2	1.348	2.270	11.5	19.7
12 7	5 59.94	+18 42.4	1.319	2.283	6.7	19.5
12 17	5 50.26	+18 57.1	1.315	2.297	2.2	19.3
12 27	5 40.46	+19 15.2	1.338	2.311	4.6	19.4
1 6	5 32.00	+19 36.1	1.387	2.327	9.3	19.8
1 16	5 25.95	+19 59.2	1.461	2.342	13.6	20.1
1 26	5 23.01	+20 24.5	1.555	2.359	17.1	20.3

516927 2011 WY_2 12 19.0 46°.09 0°.9/18.9 18

11 17	6 16.71	+22 20.8	1.705	2.550	14.1	20.8
11 27	6 10.27	+23 23.2	1.639	2.556	10.3	20.6
12 7	6 1.24	+24 28.9	1.598	2.562	5.8	20.3
12 17	5 50.50	+25 33.3	1.585	2.568	1.3	20.0
12 27	5 39.40	+26 32.2	1.601	2.574	4.0	20.2
1 6	5 29.34	+27 23.1	1.646	2.581	8.5	20.5
1 16	5 21.49	+28 5.8	1.717	2.588	12.5	20.8
1 26	5 16.64	+28 41.7	1.810	2.595	15.8	21.0

277043 2005 CB_{62} 12 19.0 271°.99 6°.3/19.4 18

11 17	6 11.74	+ 0 35.8	2.679	3.462	11.4	20.8
11 27	6 5.93	+ 0 31.2	2.579	3.438	9.4	20.7
12 7	5 58.52	+ 0 40.7	2.504	3.413	7.5	20.5
12 17	5 50.04	+ 1 6.1	2.457	3.387	6.4	20.4
12 27	5 41.20	+ 1 48.0	2.438	3.362	6.8	20.4
1 6	5 32.80	+ 2 45.1	2.450	3.335	8.6	20.4
1 16	5 25.56	+ 3 55.0	2.488	3.309	10.8	20.6
1 26	5 20.09	+ 5 14.2	2.551	3.282	13.1	20.7

53372 1999 JB_{83} 12 19.0 230°.19 1°.8/19.1 18

11 17	6 13.92	+16 19.7	2.406	3.234	11.1	19.7
11 27	6 7.66	+16 35.0	2.317	3.223	8.2	19.5
12 7	5 59.54	+16 55.5	2.254	3.211	4.9	19.3
12 17	5 50.21	+17 20.4	2.220	3.199	2.0	19.1
12 27	5 40.55	+17 48.8	2.217	3.187	3.5	19.2
1 6	5 31.49	+18 19.9	2.245	3.174	6.9	19.4
1 16	5 23.86	+18 52.8	2.301	3.161	10.2	19.6
1 26	5 18.33	+19 27.1	2.381	3.147	13.0	19.7

407139 2009 TD_2 12 19.0 24°.94 2°.1/19.2 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.53	+28 24.8	1.441	2.299	15.5	20.4
11 27	6 8.07	+28 31.9	1.394	2.316	11.3	20.1
12 7	5 59.92	+28 32.9	1.370	2.334	6.6	19.9
12 17	5 50.25	+28 25.6	1.372	2.353	2.4	19.7
12 27	5 40.60	+28 9.8	1.400	2.373	4.5	19.9
1 6	5 32.42	+27 47.7	1.455	2.394	8.9	20.2
1 16	5 26.77	+27 22.8	1.534	2.416	12.9	20.5
1 26	5 24.26	+26 58.4	1.634	2.439	16.3	20.8

414638 2009 VU_{46} 12 19.0 304°.82 1°.7/18.9 18

11 17	6 13.98	+26 30.4	2.147	2.986	11.9	21.0
11 27	6 7.98	+27 10.9	2.069	2.982	8.7	20.7
12 7	5 59.83	+27 50.1	2.017	2.978	5.1	20.5
12 17	5 50.27	+28 24.8	1.993	2.974	1.9	20.3
12 27	5 40.37	+28 52.8	1.999	2.970	3.7	20.4
1 6	5 31.25	+29 13.3	2.035	2.967	7.3	20.6
1 16	5 23.89	+29 27.3	2.097	2.963	10.8	20.8
1 26	5 19.00	+29 36.7	2.183	2.960	13.7	21.0

118243 1997 QL_1 12 19.0 160°.62 2°.6/18.9 18

11 17	6 16.88	+17 0.6	1.869	2.705	13.5	21.0
11 27	6 9.98	+16 39.7	1.801	2.711	9.9	20.8
12 7	6 0.88	+16 22.6	1.757	2.716	6.0	20.6
12 17	5 50.44	+16 9.9	1.742	2.720	2.8	20.4
12 27	5 39.84	+16 2.5	1.756	2.724	4.5	20.5
1 6	5 30.26	+16 0.8	1.799	2.728	8.4	20.7
1 16	5 22.65	+16 5.3	1.869	2.731	12.1	21.0
1 26	5 17.67	+16 15.7	1.961	2.733	15.2	21.2

464396 2016 BR_{12} 12 19.0 269°.13 8°.7/20.4 18

11 17	6 24.43	+53 26.7	2.598	3.341	12.7	21.0
11 27	6 15.89	+54 1.0	2.512	3.326	11.1	20.9
12 7	6 4.40	+54 16.2	2.449	3.310	9.6	20.8
12 17	5 51.06	+54 6.4	2.411	3.294	8.8	20.7
12 27	5 37.47	+53 28.8	2.399	3.279	9.0	20.7
1 6	5 25.28	+52 25.6	2.414	3.263	10.1	20.7
1 16	5 15.74	+51 2.3	2.454	3.246	11.8	20.8
1 26	5 9.61	+49 26.5	2.516	3.230	13.7	20.9

329658 2003 SG_{365} 12 19.0 58°.30 4°.8/18.8 17

11 17	6 11.13	+10 19.0	2.099	2.927	12.5	21.0
11 27	6 5.61	+ 9 43.7	2.035	2.934	9.6	20.8
12 7	5 58.32	+ 9 16.9	1.996	2.940	6.6	20.6
12 17	5 50.00	+ 9 0.7	1.984	2.947	4.8	20.5
12 27	5 41.55	+ 8 56.3	2.001	2.954	5.8	20.6
1 6	5 33.93	+ 9 3.9	2.046	2.961	8.4	20.8
1 16	5 27.89	+ 9 22.2	2.117	2.968	11.3	21.0
1 26	5 23.99	+ 9 49.4	2.211	2.975	13.9	21.2

266625 2008 QL_{10} 12 19.0 142°.73 3°.2/19.4 17

11 17	6 15.42	+34 23.5	2.618	3.437	10.6	21.1
11 27	6 8.63	+34 40.3	2.548	3.445	8.0	21.0
12 7	6 0.00	+34 49.3	2.505	3.452	5.3	20.8
12 17	5 50.28	+34 48.0	2.490	3.459	3.3	20.7
12 27	5 40.46	+34 35.7	2.506	3.466	4.1	20.8
1 6	5 31.50	+34 13.6	2.552	3.473	6.6	20.9
1 16	5 24.20	+33 44.4	2.626	3.479	9.3	21.1
1 26	5 19.13	+33 11.4	2.724	3.485	11.6	21.3

512444 2016 QW_{14} 12 19.0 94°.18 3°.5/19.0 18

11 17	6 18.95	+15 19.6	1.450	2.293	16.3	21.6
11 27	6 11.74	+15 4.8	1.400	2.313	12.0	21.4
12 7	6 1.92	+14 57.6	1.374	2.332	7.3	21.2
12 17	5 50.61	+14 58.4	1.374	2.351	3.7	21.0
12 27	5 39.31	+15 7.2	1.402	2.370	5.5	21.2
1 6	5 29.45	+15 23.6	1.457	2.388	9.7	21.4
1 16	5 22.10	+15 46.6	1.537	2.406	13.8	21.7
1 26	5 17.89	+16 15.0	1.638	2.423	17.1	22.0

104986 2000 JQ_{82} 12 19.0 324°.74 1°.4/19.1 18

11 17	6 12.63	+27 2.1	2.164	3.005	11.7	19.8
11 27	6 6.94	+27 17.2	2.086	3.000	8.6	19.6
12 7	5 59.20	+27 29.3	2.034	2.995	5.0	19.3
12 17	5 50.16	+27 36.5	2.009	2.991	1.6	19.1
12 27	5 40.87	+27 37.7	2.014	2.986	3.5	19.2
1 6	5 32.39	+27 33.6	2.048	2.982	7.1	19.5
1 16	5 25.64	+27 25.6	2.109	2.978	10.5	19.7
1 26	5 21.28	+27 16.0	2.193	2.975	13.5	19.9

255557 2006 KQ_{11} 12 19.1 197°.19 4°.1/18.5 18

11 17	6 15.00	+13 59.7	2.033	2.864	12.8	21.3
11 27	6 8.50	+13 6.9	1.958	2.862	9.6	21.1
12 7	6 0.01	+12 18.6	1.908	2.859	6.3	20.9
12 17	5 50.30	+11 37.2	1.886	2.856	4.1	20.7
12 27	5 40.41	+11 5.0	1.895	2.853	5.4	20.8
1 6	5 31.40	+10 43.7	1.932	2.849	8.7	21.0
1 16	5 24.13	+10 33.8	1.995	2.845	11.9	21.2
1 26	5 19.22	+10 34.5	2.081	2.840	14.8	21.4

229487 2005 UQ_{403} 12 19.1 321°.70 0°.1/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.00	+22 33.3	1.333	2.194	16.4	20.4
11 27	6 9.68	+22 44.6	1.258	2.183	12.0	20.1
12 7	6 1.20	+22 57.3	1.206	2.172	6.8	19.8
12 17	5 50.56	+23 9.3	1.178	2.161	1.2	19.4
12 27	5 39.36	+23 19.0	1.176	2.151	4.6	19.6
1 6	5 29.38	+23 26.5	1.201	2.142	10.2	19.9
1 16	5 22.06	+23 33.1	1.249	2.133	15.1	20.2
1 26	5 18.33	+23 40.6	1.316	2.125	19.3	20.4

15421 Adammalin 12 19.1 102°.76 0°.7/19.1 18

11 17	6 14.38	+25 4.1	2.090	2.929	12.1	19.0
11 27	6 8.13	+25 16.7	2.022	2.936	8.8	18.8
12 7	5 59.82	+25 27.5	1.980	2.942	5.0	18.5
12 17	5 50.27	+25 34.7	1.966	2.949	1.1	18.3
12 27	5 40.56	+25 37.7	1.982	2.956	3.3	18.5
1 6	5 31.78	+25 36.8	2.028	2.962	7.2	18.7
1 16	5 24.81	+25 33.4	2.100	2.969	10.6	18.9
1 26	5 20.29	+25 29.4	2.196	2.975	13.5	19.2

385640 2005 QW_{116} 12 19.1 27°.30 2°.5/19.0 18

11 17	6 14.24	+18 26.1	1.074	1.946	18.6	20.2
11 27	6 9.11	+18 17.4	1.029	1.957	13.6	19.9
12 7	6 0.74	+18 15.0	1.003	1.969	7.9	19.6
12 17	5 50.44	+18 18.7	1.001	1.983	2.8	19.4
12 27	5 40.07	+18 28.2	1.024	1.998	5.5	19.6
1 6	5 31.40	+18 43.2	1.071	2.013	10.9	20.0
1 16	5 25.73	+19 3.1	1.139	2.030	15.8	20.3
1 26	5 23.74	+19 27.2	1.227	2.048	19.7	20.6

74117 1998 QG_{50} 12 19.1 92°.59 7°.3/19.9 18

11 17	6 23.92	+42 54.9	1.888	2.692	14.7	19.3
11 27	6 15.50	+43 42.4	1.838	2.712	11.8	19.1
12 7	6 4.11	+44 12.6	1.812	2.732	9.0	19.0
12 17	5 51.01	+44 19.6	1.811	2.752	7.4	18.9
12 27	5 37.91	+44 1.5	1.839	2.772	7.9	19.0
1 6	5 26.46	+43 21.3	1.893	2.791	10.0	19.2
1 16	5 17.87	+42 25.6	1.973	2.810	12.6	19.4
1 26	5 12.78	+41 22.1	2.074	2.829	15.0	19.6

40221 1998 SG_{136} 12 19.1 144°.28 6°.5/18.7 18

11 17	6 10.64	+ 2 21.1	2.516	3.311	11.7	19.0
11 27	6 5.01	+ 1 38.6	2.452	3.318	9.5	18.9
12 7	5 57.91	+ 1 8.3	2.412	3.323	7.6	18.8
12 17	5 49.95	+ 0 52.7	2.399	3.329	6.5	18.7
12 27	5 41.88	+ 0 53.4	2.415	3.334	7.1	18.8
1 6	5 34.46	+ 1 9.8	2.459	3.340	8.8	18.9
1 16	5 28.36	+ 1 40.2	2.529	3.344	10.8	19.0
1 26	5 24.05	+ 2 21.8	2.621	3.349	12.8	19.2

16306 6797 *P–L* 12 19.1 212°.69 0°.7/19.1 18 R

11 17	6 17.89	+24 51.2	1.889	2.727	13.3	19.3
11 27	6 10.99	+25 2.8	1.809	2.722	9.7	19.1
12 7	6 1.61	+25 12.5	1.753	2.715	5.5	18.8
12 17	5 50.62	+25 18.4	1.725	2.708	1.2	18.5
12 27	5 39.26	+25 19.2	1.728	2.701	3.7	18.7
1 6	5 28.88	+25 15.5	1.759	2.693	8.1	18.9
1 16	5 20.57	+25 9.1	1.817	2.685	12.1	19.2
1 26	5 15.09	+25 2.6	1.898	2.676	15.4	19.4

477389 2009 VV_{28} 12 19.1 49°.59 5°.9/18.8 18

11 17	6 20.89	+32 41.6	1.275	2.126	17.6	20.6
11 27	6 14.16	+34 4.8	1.226	2.139	13.3	20.4
12 7	6 3.75	+35 19.0	1.198	2.152	8.8	20.2
12 17	5 51.00	+36 15.4	1.196	2.166	5.9	20.0
12 27	5 37.93	+36 48.3	1.220	2.180	7.4	20.2
1 6	5 26.64	+36 58.1	1.269	2.195	11.4	20.4
1 16	5 18.68	+36 50.2	1.341	2.210	15.4	20.7
1 26	5 14.89	+36 31.8	1.432	2.225	18.8	21.0

284288 2006 KN_{35} 12 19.1 76°.21 7°.6/19.6 18

11 17	6 14.50	+ 3 20.1	1.711	2.525	15.5	20.6
11 27	6 8.22	+ 2 54.0	1.662	2.543	12.4	20.5
12 7	5 59.85	+ 2 45.6	1.636	2.562	9.5	20.3
12 17	5 50.29	+ 2 57.4	1.635	2.580	7.7	20.3
12 27	5 40.70	+ 3 29.5	1.662	2.598	8.3	20.4
1 6	5 32.21	+ 4 19.4	1.715	2.616	10.6	20.5
1 16	5 25.69	+ 5 23.0	1.793	2.634	13.4	20.7
1 26	5 21.73	+ 6 35.6	1.892	2.652	16.0	21.0

106931 2000 YC_{64} 12 19.1 253°.48 1°.1/18.9 18

11 17	6 15.31	+20 45.9	1.863	2.705	13.3	20.0
11 27	6 9.11	+20 36.8	1.779	2.694	9.7	19.7
12 7	6 0.56	+20 28.7	1.720	2.682	5.6	19.5
12 17	5 50.45	+20 21.2	1.688	2.671	1.5	19.2
12 27	5 39.97	+20 14.3	1.686	2.659	3.9	19.3
1 6	5 30.37	+20 8.9	1.712	2.646	8.3	19.6
1 16	5 22.72	+20 6.1	1.764	2.634	12.3	19.8
1 26	5 17.78	+20 7.0	1.839	2.621	15.7	20.0

203710 2002 PJ_{133} 12 19.1 169°.50 0°.4/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.38	+24 50.7	2.232	3.065	11.7	21.2
11 27	6 9.45	+24 48.1	2.158	3.069	8.5	21.0
12 7	6 0.54	+24 43.2	2.110	3.072	4.8	20.8
12 17	5 50.42	+24 34.7	2.092	3.075	0.9	20.5
12 27	5 40.15	+24 22.6	2.104	3.077	3.2	20.7
1 6	5 30.78	+24 7.9	2.146	3.079	7.0	20.9
1 16	5 23.17	+23 52.5	2.216	3.080	10.3	21.1
1 26	5 17.93	+23 38.3	2.310	3.080	13.2	21.3

445184 2009 BL_{152} 12 19.1 293°.09 2°.3/19.2 18

11 17	6 16.59	+29 7.7	1.716	2.560	14.1	21.4
11 27	6 10.27	+29 20.8	1.643	2.557	10.4	21.2
12 7	6 1.27	+29 28.1	1.592	2.553	6.2	20.9
12 17	5 50.57	+29 26.6	1.569	2.549	2.5	20.7
12 27	5 39.56	+29 15.1	1.575	2.546	4.4	20.8
1 6	5 29.69	+28 55.1	1.608	2.542	8.7	21.0
1 16	5 22.14	+28 29.9	1.666	2.539	12.7	21.3
1 26	5 17.67	+28 3.4	1.747	2.536	16.1	21.5

265457 2004 XV_{180} 12 19.1 258°.61 0°.5/19.0 18

11 17	6 13.13	+23 29.5	2.302	3.140	11.2	20.3
11 27	6 7.21	+23 58.7	2.222	3.135	8.1	20.1
12 7	5 59.35	+24 28.3	2.168	3.131	4.6	19.9
12 17	5 50.23	+24 56.4	2.143	3.126	0.9	19.6
12 27	5 40.82	+25 21.4	2.148	3.121	3.1	19.7
1 6	5 32.12	+25 42.4	2.183	3.117	6.8	20.0
1 16	5 24.99	+26 0.0	2.246	3.112	10.1	20.2
1 26	5 20.09	+26 15.3	2.332	3.107	12.9	20.4

382038 2011 CX_{60} 12 19.1 54°.87 2°.0/19.2 18

11 17	6 19.75	+27 59.1	1.207	2.066	17.8	20.9
11 27	6 12.93	+28 3.1	1.162	2.084	13.0	20.7
12 7	6 2.81	+28 0.2	1.138	2.102	7.5	20.4
12 17	5 50.81	+27 47.7	1.138	2.120	2.4	20.2
12 27	5 38.89	+27 25.5	1.165	2.139	5.0	20.4
1 6	5 28.87	+26 56.7	1.218	2.158	10.2	20.8
1 16	5 22.02	+26 26.0	1.294	2.178	14.8	21.1
1 26	5 18.95	+25 57.8	1.390	2.197	18.6	21.4

48993 1998 QF_{48} 12 19.1 143°.77 2°.0/19.3 18

11 17	6 20.49	+29 14.9	1.721	2.558	14.4	18.5
11 27	6 12.89	+29 14.2	1.656	2.567	10.6	18.3
12 7	6 2.64	+29 6.4	1.615	2.575	6.2	18.1
12 17	5 50.80	+28 49.0	1.601	2.582	2.3	17.8
12 27	5 38.86	+28 22.0	1.617	2.589	4.2	18.0
1 6	5 28.27	+27 47.7	1.661	2.595	8.5	18.3
1 16	5 20.14	+27 10.5	1.732	2.601	12.5	18.5
1 26	5 15.14	+26 34.4	1.825	2.606	15.8	18.7

278723 2008 SX_{61} 12 19.1 103°.29 1°.0/19.0 18

11 17	6 18.42	+21 24.2	1.694	2.536	14.4	21.2
11 27	6 11.19	+21 14.0	1.639	2.554	10.4	21.0
12 7	6 1.58	+21 4.1	1.608	2.571	5.9	20.7
12 17	5 50.62	+20 54.2	1.606	2.589	1.4	20.5
12 27	5 39.65	+20 44.5	1.632	2.606	3.9	20.7
1 6	5 29.98	+20 36.0	1.688	2.622	8.3	21.0
1 16	5 22.58	+20 30.1	1.769	2.638	12.2	21.3
1 26	5 18.06	+20 28.0	1.872	2.653	15.4	21.5

359221 2009 DR_{120} 12 19.1 246°.60 1°.3/19.1 18

11 17	6 15.95	+26 33.0	1.890	2.732	13.1	21.7
11 27	6 9.61	+26 43.5	1.811	2.725	9.6	21.5
12 7	6 0.85	+26 50.6	1.757	2.719	5.6	21.2
12 17	5 50.53	+26 52.4	1.730	2.712	1.6	21.0
12 27	5 39.87	+26 47.8	1.732	2.705	3.8	21.1
1 6	5 30.19	+26 37.5	1.764	2.698	8.0	21.4
1 16	5 22.55	+26 23.9	1.821	2.691	11.9	21.6
1 26	5 17.70	+26 9.8	1.901	2.684	15.2	21.8

464347 2016 AK_{119} 12 19.1 322°.58 1°.3/19.0 17

11 17	6 11.36	+19 37.8	1.978	2.823	12.5	21.3
11 27	6 6.16	+19 39.0	1.895	2.812	9.1	21.0
12 7	5 58.86	+19 42.9	1.837	2.800	5.3	20.8
12 17	5 50.19	+19 49.0	1.807	2.789	1.5	20.5
12 27	5 41.18	+19 57.0	1.806	2.779	3.7	20.6
1 6	5 32.94	+20 6.9	1.833	2.768	7.7	20.9
1 16	5 26.42	+20 18.9	1.886	2.758	11.4	21.1
1 26	5 22.33	+20 33.3	1.962	2.749	14.6	21.3

152236 2005 SQ_{43} 12 19.1 270°.47 3°.2/19.2 18

11 17	6 18.71	+30 22.3	1.583	2.427	15.1	20.6
11 27	6 12.22	+30 45.0	1.500	2.413	11.3	20.3
12 7	6 2.61	+31 0.9	1.441	2.399	7.0	20.0
12 17	5 50.87	+31 5.7	1.407	2.385	3.4	19.8
12 27	5 38.56	+30 57.1	1.402	2.371	5.2	19.8
1 6	5 27.41	+30 36.3	1.424	2.357	9.7	20.1
1 16	5 18.85	+30 7.2	1.470	2.343	14.1	20.3
1 26	5 13.81	+29 35.3	1.538	2.328	17.8	20.5

82823 2001 QF_{41} 12 19.1 42°.90 2°.3/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.37	+17 37.8	1.495	2.347	15.4	18.9
11 27	6 8.48	+17 35.9	1.446	2.365	11.2	18.7
12 7	6 0.14	+17 39.5	1.421	2.383	6.6	18.4
12 17	5 50.38	+17 48.3	1.421	2.402	2.5	18.2
12 27	5 40.60	+18 1.6	1.449	2.421	4.6	18.4
1 6	5 32.11	+18 18.9	1.504	2.441	9.0	18.7
1 16	5 25.94	+18 39.8	1.584	2.461	13.0	19.0
1 26	5 22.69	+19 3.8	1.685	2.481	16.3	19.3

60277 1999 XH_{89} 12 19.1 317°.18 0°.6/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.14	+21 5.0	1.596	2.448	14.6	19.1
11 27	6 8.63	+21 18.1	1.518	2.438	10.7	18.8
12 7	6 0.45	+21 33.9	1.463	2.428	6.1	18.5
12 17	5 50.48	+21 50.9	1.435	2.418	1.2	18.2
12 27	5 40.06	+22 7.7	1.435	2.409	4.1	18.4
1 6	5 30.63	+22 23.8	1.462	2.400	9.0	18.6
1 16	5 23.41	+22 39.6	1.514	2.392	13.4	18.9
1 26	5 19.24	+22 56.0	1.587	2.384	17.1	19.1

328810 2009 VC_{66} 12 19.1 69°.04 3°.4/19.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.55	+31 58.0	2.117	2.949	12.3	20.5
11 27	6 9.13	+32 39.9	2.053	2.958	9.1	20.3
12 7	6 0.48	+33 15.5	2.014	2.967	5.9	20.1
12 17	5 50.46	+33 40.9	2.004	2.977	3.5	20.0
12 27	5 40.23	+33 54.3	2.023	2.986	4.6	20.1
1 6	5 30.98	+33 55.8	2.071	2.996	7.7	20.3
1 16	5 23.69	+33 48.1	2.145	3.005	10.8	20.5
1 26	5 19.02	+33 34.5	2.242	3.015	13.5	20.7

275917 2001 TN_{177} 12 19.1 76°.11 1°.0/18.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.38	+20 44.2	2.411	3.248	10.8	20.9
11 27	6 5.68	+20 31.5	2.344	3.257	7.8	20.8
12 7	5 58.36	+20 19.4	2.303	3.265	4.4	20.6
12 17	5 50.08	+20 8.0	2.292	3.274	1.2	20.4
12 27	5 41.71	+19 57.7	2.310	3.283	3.1	20.5
1 6	5 34.11	+19 49.1	2.359	3.291	6.4	20.7
1 16	5 27.99	+19 43.1	2.435	3.300	9.5	21.0
1 26	5 23.87	+19 40.2	2.535	3.309	12.1	21.1

308812 2006 QZ_{118} 12 19.1 59°.58 3°.0/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.92	+16 39.9	1.622	2.468	14.7	20.6
11 27	6 8.68	+16 17.2	1.572	2.486	10.8	20.4
12 7	6 0.18	+15 59.8	1.545	2.505	6.5	20.2
12 17	5 50.39	+15 48.6	1.545	2.524	3.1	20.1
12 27	5 40.61	+15 44.2	1.574	2.542	4.9	20.2
1 6	5 32.05	+15 47.0	1.629	2.561	8.8	20.5
1 16	5 25.66	+15 56.6	1.710	2.580	12.6	20.8
1 26	5 22.02	+16 12.3	1.813	2.599	15.7	21.0

310166 2011 SB 12 19.1 98°.96 0°.1/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.67	+23 20.6	1.880	2.718	13.3	21.4
11 27	6 10.48	+23 20.0	1.825	2.739	9.6	21.2
12 7	6 1.13	+23 18.2	1.796	2.759	5.4	21.0
12 17	5 50.55	+23 14.1	1.796	2.779	0.9	20.7
12 27	5 39.98	+23 7.6	1.825	2.799	3.5	21.0
1 6	5 30.60	+22 59.7	1.883	2.818	7.6	21.3
1 16	5 23.31	+22 51.9	1.969	2.836	11.2	21.5
1 26	5 18.68	+22 46.0	2.077	2.855	14.2	21.8

490051 2008 TW_{74} 12 19.1 293°.23 3°.4/18.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 10.74	+14 2.3	2.322	3.154	11.3	21.1
11 27	6 5.30	+13 27.0	2.245	3.150	8.5	20.9
12 7	5 58.20	+12 56.3	2.194	3.146	5.5	20.7
12 17	5 50.07	+12 32.0	2.172	3.143	3.5	20.6
12 27	5 41.76	+12 15.3	2.179	3.140	4.6	20.7
1 6	5 34.16	+12 7.1	2.215	3.136	7.5	20.8
1 16	5 28.01	+12 7.3	2.278	3.133	10.5	21.0
1 26	5 23.84	+12 15.4	2.364	3.129	13.1	21.2

142607 2002 TC_{126} 12 19.1 245°.80 2°.4/18.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.91	+18 41.4	1.995	2.833	12.7	19.7
11 27	6 8.62	+18 1.5	1.911	2.822	9.3	19.5
12 7	6 0.20	+17 22.4	1.852	2.812	5.6	19.2
12 17	5 50.43	+16 45.3	1.822	2.801	2.5	19.0
12 27	5 40.39	+16 12.1	1.821	2.789	4.3	19.1
1 6	5 31.20	+15 44.8	1.849	2.778	8.2	19.3
1 16	5 23.80	+15 24.9	1.905	2.766	11.9	19.5
1 26	5 18.89	+15 13.2	1.982	2.754	15.0	19.7

74873 1999 TO_{98} 12 19.1 48°.15 2°.1/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.29	+25 9.7	1.148	2.011	18.3	18.7
11 27	6 12.85	+26 2.5	1.103	2.028	13.2	18.4
12 7	6 2.94	+26 54.3	1.080	2.045	7.6	18.2
12 17	5 50.91	+27 38.9	1.081	2.063	2.4	17.9
12 27	5 38.75	+28 12.3	1.108	2.082	5.3	18.1
1 6	5 28.44	+28 33.9	1.161	2.101	10.6	18.5
1 16	5 21.38	+28 46.2	1.236	2.120	15.3	18.8
1 26	5 18.27	+28 53.3	1.331	2.140	19.1	19.1

24833 1995 SM_{21} 12 19.1 73°.34 5°.4/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.22	+34 50.3	1.367	2.209	17.1	18.8
11 27	6 14.81	+35 26.0	1.316	2.224	13.0	18.6
12 7	6 3.97	+35 48.6	1.287	2.238	8.6	18.4
12 17	5 51.09	+35 52.0	1.283	2.253	5.5	18.3
12 27	5 38.15	+35 34.4	1.306	2.268	6.7	18.4
1 6	5 27.09	+34 59.0	1.354	2.283	10.6	18.6
1 16	5 19.26	+34 12.7	1.427	2.298	14.5	18.9
1 26	5 15.34	+33 23.0	1.520	2.312	17.9	19.2

175242 2005 HP_{3} 12 19.1 247°.18 4°.1/18.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.39	+13 27.6	2.156	2.984	12.2	20.5
11 27	6 8.14	+12 36.7	2.067	2.968	9.3	20.3
12 7	5 59.91	+11 49.8	2.002	2.952	6.2	20.0
12 17	5 50.40	+11 9.4	1.967	2.935	4.2	19.9
12 27	5 40.58	+10 37.9	1.961	2.918	5.4	19.9
1 6	5 31.47	+10 16.9	1.985	2.900	8.6	20.1
1 16	5 23.95	+10 7.0	2.035	2.882	11.8	20.3
1 26	5 18.70	+10 7.9	2.107	2.864	14.7	20.4

77613 2001 KY_{36} 12 19.1 21°.24 1°.0/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.92	+21 28.6	1.485	2.336	15.5	18.0
11 27	6 10.80	+22 46.8	1.421	2.341	11.3	17.7
12 7	6 1.76	+24 10.6	1.381	2.346	6.4	17.4
12 17	5 50.75	+25 34.4	1.368	2.351	1.4	17.1
12 27	5 39.28	+26 52.0	1.384	2.358	4.4	17.4
1 6	5 28.96	+27 59.7	1.428	2.364	9.3	17.7
1 16	5 21.13	+28 56.5	1.496	2.372	13.7	17.9
1 26	5 16.66	+29 43.8	1.586	2.380	17.3	18.2

180250 2003 UG_{281} 12 19.1 28°.40 4°.0/18.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.07	+17 33.2	1.197	2.059	17.7	19.7
11 27	6 10.28	+16 39.6	1.141	2.064	13.1	19.4
12 7	6 1.40	+15 49.9	1.106	2.068	8.0	19.2
12 17	5 50.66	+15 7.4	1.096	2.074	4.1	19.0
12 27	5 39.77	+14 35.3	1.111	2.080	6.4	19.1
1 6	5 30.44	+14 15.8	1.151	2.086	11.3	19.4
1 16	5 23.91	+14 9.7	1.214	2.093	15.9	19.7
1 26	5 20.92	+14 15.8	1.295	2.101	19.8	20.0

270264 2001 UH_{144} 12 19.1 106°.67 1°.5/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.39	+19 23.4	1.717	2.557	14.3	20.7
11 27	6 11.15	+19 19.1	1.662	2.576	10.4	20.5
12 7	6 1.59	+19 17.4	1.632	2.594	6.0	20.3
12 17	5 50.68	+19 17.8	1.630	2.612	1.8	20.1
12 27	5 39.75	+19 20.0	1.657	2.629	4.1	20.3
1 6	5 30.06	+19 24.4	1.713	2.646	8.3	20.6
1 16	5 22.59	+19 31.5	1.794	2.662	12.2	20.8
1 26	5 17.94	+19 41.8	1.898	2.678	15.3	21.1

449549 2014 HD_{163} 12 19.1 127°.17 2°.5/18.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.87	+29 28.5	2.331	3.155	11.5	22.1
11 27	6 11.28	+30 13.9	2.269	3.173	8.5	22.0
12 7	6 1.61	+30 54.9	2.234	3.190	5.2	21.8
12 17	5 50.70	+31 27.7	2.229	3.206	2.6	21.7
12 27	5 39.62	+31 50.4	2.255	3.221	3.9	21.8
1 6	5 29.48	+32 3.0	2.312	3.236	7.0	22.0
1 16	5 21.18	+32 7.2	2.396	3.250	10.0	22.2
1 26	5 15.35	+32 5.9	2.504	3.264	12.6	22.4

266530 2008 FE_{30} 12 19.1 27°.20 7°.0/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.96	+37 23.9	1.208	2.056	18.6	20.7
11 27	6 14.51	+38 4.3	1.152	2.060	14.4	20.5
12 7	6 4.09	+38 28.0	1.117	2.065	10.1	20.3
12 17	5 51.16	+38 27.5	1.105	2.070	7.2	20.1
12 27	5 38.00	+37 59.7	1.117	2.076	8.2	20.2
1 6	5 26.86	+37 8.9	1.154	2.082	12.0	20.4
1 16	5 19.36	+36 4.0	1.214	2.089	16.2	20.7
1 26	5 16.25	+34 54.6	1.292	2.097	19.8	21.0

363678 2004 TT_{92} 12 19.1 111°.61 3°.5/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.50	+13 41.2	2.276	3.105	11.6	21.0
11 27	6 6.50	+13 7.3	2.213	3.116	8.7	20.8
12 7	5 58.83	+12 38.7	2.175	3.127	5.6	20.6
12 17	5 50.21	+12 17.0	2.166	3.137	3.5	20.5
12 27	5 41.52	+12 3.3	2.187	3.147	4.7	20.6
1 6	5 33.63	+11 58.1	2.237	3.157	7.5	20.8
1 16	5 27.28	+12 1.4	2.314	3.166	10.4	21.0
1 26	5 22.97	+12 12.2	2.414	3.176	12.9	21.2

489335 2006 TD_{128} 12 19.1 7°.18 4°.4/18.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.15	+30 13.2	1.324	2.184	16.5	21.1
11 27	6 9.21	+31 19.3	1.265	2.185	12.3	20.8
12 7	6 1.00	+32 20.2	1.228	2.188	7.8	20.6
12 17	5 50.64	+33 9.5	1.216	2.191	4.5	20.4
12 27	5 39.85	+33 42.1	1.229	2.196	6.3	20.5
1 6	5 30.47	+33 57.5	1.268	2.202	10.5	20.8
1 16	5 23.95	+33 58.9	1.330	2.210	14.8	21.1
1 26	5 21.15	+33 51.3	1.411	2.218	18.3	21.3

128247 2003 SW_{203} 12 19.1 111°.89 0°.6/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 12.64	+21 26.6	2.259	3.097	11.4	20.2
11 27	6 6.77	+21 28.5	2.187	3.100	8.2	20.0
12 7	5 59.07	+21 31.0	2.141	3.104	4.7	19.8
12 17	5 50.27	+21 33.7	2.124	3.107	1.0	19.6
12 27	5 41.29	+21 36.0	2.138	3.111	3.1	19.7
1 6	5 33.10	+21 38.4	2.180	3.114	6.8	20.0
1 16	5 26.52	+21 41.4	2.250	3.118	10.1	20.2
1 26	5 22.10	+21 45.9	2.344	3.121	12.8	20.4

316601 2011 UQ_{337} 12 19.1 93°.73 1°.0/19.1 18

11 17	6 15.60	+19 44.1	1.742	2.586	13.9	20.5
11 27	6 9.36	+20 1.1	1.675	2.590	10.1	20.2
12 7	6 0.72	+20 21.6	1.632	2.595	5.8	20.0
12 17	5 50.57	+20 44.1	1.616	2.599	1.4	19.7
12 27	5 40.17	+21 7.2	1.629	2.603	3.9	19.9
1 6	5 30.79	+21 30.1	1.671	2.607	8.3	20.2
1 16	5 23.50	+21 52.7	1.739	2.611	12.2	20.4
1 26	5 19.01	+22 15.5	1.828	2.615	15.6	20.7

474344 2002 PO_{80} 12 19.1 188°.59 2°.0/19.1 18

11 17	6 18.60	+17 3.3	1.934	2.765	13.3	22.0
11 27	6 11.36	+17 10.5	1.857	2.765	9.8	21.8
12 7	6 1.81	+17 22.6	1.805	2.764	5.8	21.6
12 17	5 50.77	+17 38.9	1.781	2.761	2.2	21.3
12 27	5 39.42	+17 58.6	1.788	2.758	4.1	21.4
1 6	5 28.97	+18 21.0	1.825	2.755	8.2	21.7
1 16	5 20.46	+18 45.8	1.888	2.750	12.0	21.9
1 26	5 14.61	+19 12.8	1.975	2.744	15.2	22.1

26788 4321 T-3 12 19.1 174°.02 4°.0/19.0 18

11 17	6 16.73	+13 17.5	1.714	2.549	14.6	19.7
11 27	6 10.12	+13 1.1	1.645	2.551	10.9	19.5
12 7	6 1.13	+12 52.8	1.600	2.553	7.0	19.3
12 17	5 50.65	+12 53.9	1.581	2.554	4.1	19.1
12 27	5 39.91	+13 4.7	1.591	2.555	5.6	19.2
1 6	5 30.21	+13 24.8	1.630	2.555	9.3	19.4
1 16	5 22.57	+13 52.8	1.693	2.555	13.1	19.6
1 26	5 17.71	+14 27.4	1.779	2.555	16.3	19.9

6065 Chesneau 12 19.1 105°.81 1°.2/19.4 18

11 17	6 25.99	+30 34.2	1.672	2.501	15.1	17.1
11 27	6 16.52	+29 30.5	1.615	2.522	11.0	16.9
12 7	6 4.48	+28 14.9	1.582	2.542	6.4	16.7
12 17	5 51.18	+26 48.3	1.579	2.561	1.7	16.4
12 27	5 38.21	+25 14.8	1.607	2.580	4.0	16.7
1 6	5 27.02	+23 41.0	1.665	2.598	8.6	17.0
1 16	5 18.58	+22 13.6	1.751	2.616	12.6	17.3
1 26	5 13.38	+20 57.2	1.860	2.633	15.8	17.5

212878 2007 VA_{230} 12 19.1 173°.35 0°.5/19.1 18

11 17	6 20.56	+24 30.5	1.577	2.420	15.2	21.5
11 27	6 13.22	+24 35.5	1.507	2.423	11.1	21.3
12 7	6 3.01	+24 38.4	1.462	2.425	6.3	21.0
12 17	5 50.99	+24 37.0	1.443	2.427	1.2	20.7
12 27	5 38.69	+24 30.4	1.454	2.428	4.2	20.9
1 6	5 27.68	+24 19.9	1.492	2.428	9.1	21.2
1 16	5 19.21	+24 8.1	1.556	2.428	13.5	21.5
1 26	5 14.05	+23 57.8	1.641	2.427	17.1	21.7

268627 2006 DR_{29} 12 19.1 216°.04 4°.5/18.9 18

11 17	6 10.78	+ 9 10.0	2.490	3.308	11.1	20.4
11 27	6 5.26	+ 8 44.8	2.412	3.304	8.6	20.2
12 7	5 58.18	+ 8 27.7	2.360	3.300	6.1	20.0
12 17	5 50.13	+ 8 20.4	2.336	3.296	4.5	19.9
12 27	5 41.89	+ 8 23.6	2.342	3.291	5.3	20.0
1 6	5 34.27	+ 8 37.4	2.377	3.287	7.6	20.1
1 16	5 27.96	+ 9 0.7	2.438	3.282	10.3	20.3
1 26	5 23.50	+ 9 31.9	2.523	3.277	12.7	20.4

287363 2002 UF_{53} 12 19.1 157°.56 3°.0/19.1 18

11 17	6 17.90	+15 11.3	1.844	2.676	13.8	21.7
11 27	6 10.80	+15 3.6	1.776	2.683	10.2	21.4
12 7	6 1.44	+15 2.1	1.734	2.690	6.3	21.2
12 17	5 50.70	+15 7.1	1.719	2.696	3.2	21.0
12 27	5 39.78	+15 18.4	1.734	2.702	4.7	21.2
1 6	5 29.88	+15 35.6	1.779	2.706	8.5	21.4
1 16	5 21.98	+15 58.1	1.849	2.710	12.2	21.6
1 26	5 16.76	+16 25.2	1.943	2.714	15.3	21.9

369150 2008 SF_{42} 12 19.1 103°.02 5°.7/18.5 17

11 17	6 10.61	+ 6 25.9	2.378	3.190	11.7	21.1
11 27	6 5.11	+ 5 36.7	2.313	3.196	9.3	21.0
12 7	5 58.06	+ 4 57.3	2.273	3.202	7.0	20.8
12 17	5 50.10	+ 4 30.4	2.261	3.208	5.7	20.8
12 27	5 42.04	+ 4 17.7	2.278	3.214	6.4	20.8
1 6	5 34.69	+ 4 19.4	2.323	3.219	8.5	21.0
1 16	5 28.71	+ 4 34.3	2.394	3.225	10.9	21.1
1 26	5 24.63	+ 5 0.3	2.488	3.230	13.1	21.3

113312 2002 RF_{190} 12 19.1 173°.70 0°.5/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.13	+21 55.8	1.901	2.736	13.3	21.7
11 27	6 11.75	+21 55.9	1.828	2.740	9.7	21.4
12 7	6 2.01	+21 56.1	1.781	2.743	5.5	21.2
12 17	5 50.81	+21 55.2	1.762	2.745	1.1	20.9
12 27	5 39.38	+21 52.9	1.773	2.746	3.7	21.1
1 6	5 29.00	+21 49.7	1.814	2.747	8.0	21.3
1 16	5 20.68	+21 47.1	1.882	2.747	11.8	21.6
1 26	5 15.11	+21 46.6	1.972	2.746	15.0	21.8

475703 2006 VS_{128} 12 19.1 114°.06 1°.4/19.2 16

11 17	6 21.46	+27 22.0	1.613	2.453	15.1	22.0
11 27	6 13.62	+27 23.9	1.557	2.470	10.9	21.8
12 7	6 3.08	+27 20.3	1.525	2.487	6.3	21.6
12 17	5 50.98	+27 9.0	1.521	2.503	1.8	21.3
12 27	5 38.88	+26 49.8	1.545	2.518	4.2	21.5
1 6	5 28.27	+26 25.0	1.598	2.533	8.7	21.8
1 16	5 20.25	+25 58.1	1.677	2.548	12.7	22.1
1 26	5 15.45	+25 32.9	1.778	2.561	16.1	22.4

101281 1998 SP_{117} 12 19.1 26°.47 0°.7/19.0 18

11 17	6 15.43	+22 55.0	1.127	1.997	18.1	19.0
11 27	6 10.01	+22 36.7	1.077	2.005	13.1	18.7
12 7	6 1.33	+22 17.5	1.048	2.015	7.4	18.5
12 17	5 50.70	+21 57.2	1.042	2.026	1.5	18.1
12 27	5 39.98	+21 36.9	1.062	2.037	4.9	18.4
1 6	5 30.98	+21 18.6	1.106	2.050	10.5	18.7
1 16	5 24.99	+21 4.8	1.173	2.063	15.5	19.1
1 26	5 22.71	+20 57.2	1.259	2.077	19.5	19.4

384344 2009 TP_{14} 12 19.1 36°.90 1°.7/18.9 16

11 17	6 16.70	+22 6.1	1.080	1.950	18.6	20.2
11 27	6 10.78	+21 25.7	1.040	1.968	13.5	19.9
12 7	6 1.65	+20 45.0	1.019	1.986	7.7	19.7
12 17	5 50.73	+20 5.5	1.023	2.005	2.1	19.4
12 27	5 39.96	+19 29.9	1.051	2.026	5.2	19.7
1 6	5 31.10	+19 1.1	1.105	2.047	10.7	20.0
1 16	5 25.32	+18 41.3	1.180	2.069	15.5	20.4
1 26	5 23.21	+18 31.0	1.275	2.091	19.4	20.7

161495 2004 MA_{1} 12 19.1 249°.31 6°.0/19.9 18 R

11 17	6 18.04	+ 5 22.2	1.835	2.644	14.8	20.4
11 27	6 11.21	+ 5 41.0	1.744	2.628	11.7	20.1
12 7	6 1.90	+ 6 17.5	1.676	2.612	8.4	19.9
12 17	5 50.84	+ 7 12.8	1.635	2.594	6.1	19.7
12 27	5 39.20	+ 8 25.9	1.624	2.577	6.9	19.7
1 6	5 28.25	+ 9 53.0	1.643	2.558	10.0	19.9
1 16	5 19.15	+11 29.4	1.688	2.540	13.7	20.0
1 26	5 12.77	+13 10.3	1.757	2.520	17.0	20.2

362514 2010 TH_{85} 12 19.1 76°.40 3°.0/19.1 18

11 17	6 16.45	+30 33.2	1.899	2.736	13.2	20.8
11 27	6 9.99	+31 4.2	1.832	2.741	9.8	20.6
12 7	6 1.09	+31 29.3	1.790	2.746	6.1	20.4
12 17	5 50.67	+31 44.8	1.775	2.751	3.1	20.3
12 27	5 40.01	+31 48.9	1.789	2.757	4.5	20.4
1 6	5 30.43	+31 42.3	1.832	2.762	8.1	20.6
1 16	5 23.00	+31 27.9	1.900	2.767	11.7	20.8
1 26	5 18.42	+31 9.5	1.991	2.772	14.7	21.0

482504 2012 TW_{68} 12 19.1 30°.79 1°.2/19.1 16

11 17	6 15.96	+24 56.2	1.232	2.096	17.2	21.0
11 27	6 10.31	+25 20.1	1.181	2.107	12.5	20.7
12 7	6 1.49	+25 42.5	1.152	2.118	7.1	20.5
12 17	5 50.74	+26 0.0	1.148	2.131	1.7	20.2
12 27	5 39.83	+26 10.5	1.170	2.144	4.7	20.4
1 6	5 30.53	+26 14.6	1.217	2.158	10.0	20.7
1 16	5 24.14	+26 14.6	1.287	2.173	14.6	21.1
1 26	5 21.38	+26 13.4	1.377	2.189	18.4	21.3

51403 2001 DE_{99} 12 19.1 217°.98 3°.9/19.2 18

11 17	6 21.04	+32 16.0	1.686	2.521	14.8	19.9
11 27	6 13.78	+32 47.1	1.608	2.515	11.1	19.6
12 7	6 3.46	+33 10.1	1.555	2.509	7.1	19.4
12 17	5 51.11	+33 19.9	1.528	2.502	4.0	19.2
12 27	5 38.31	+33 14.0	1.529	2.495	5.5	19.3
1 6	5 26.74	+32 53.5	1.559	2.487	9.4	19.5
1 16	5 17.77	+32 23.0	1.614	2.479	13.4	19.7
1 26	5 12.24	+31 48.0	1.690	2.470	16.9	19.9

404984 1999 YE_{8} 12 19.1 18°.23 1°.1/19.1 16

11 17	6 12.38	+19 24.1	1.775	2.623	13.5	21.0
11 27	6 7.00	+19 39.2	1.710	2.628	9.8	20.8
12 7	5 59.38	+19 58.0	1.669	2.633	5.6	20.6
12 17	5 50.38	+20 19.5	1.656	2.638	1.5	20.3
12 27	5 41.16	+20 42.4	1.671	2.644	3.8	20.5
1 6	5 32.92	+21 5.8	1.714	2.651	8.0	20.7
1 16	5 26.62	+21 29.6	1.782	2.658	11.8	21.0
1 26	5 22.94	+21 53.8	1.873	2.666	15.0	21.2

2298 Cindijon 12 19.1 81°.09 3°.3/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.61	+16 22.0	1.511	2.356	15.6	16.4
11 27	6 10.76	+15 55.3	1.461	2.375	11.5	16.2
12 7	6 1.43	+15 34.4	1.435	2.394	7.0	16.0
12 17	5 50.72	+15 20.4	1.436	2.413	3.4	15.8
12 27	5 40.03	+15 14.1	1.464	2.432	5.2	16.0
1 6	5 30.71	+15 15.9	1.520	2.451	9.4	16.3
1 16	5 23.78	+15 25.5	1.601	2.470	13.3	16.6
1 26	5 19.82	+15 42.1	1.702	2.488	16.6	16.8

370506 2003 SL_{107} 12 19.1 93°.66 1°.7/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.35	+27 56.4	1.448	2.291	16.3	21.0
11 27	6 15.08	+27 58.2	1.402	2.316	11.8	20.8
12 7	6 3.91	+27 53.5	1.378	2.340	6.8	20.6
12 17	5 51.14	+27 39.6	1.382	2.363	2.1	20.3
12 27	5 38.53	+27 16.7	1.414	2.386	4.5	20.5
1 6	5 27.68	+26 47.6	1.473	2.409	9.2	20.9
1 16	5 19.74	+26 16.7	1.558	2.431	13.4	21.2
1 26	5 15.27	+25 48.1	1.664	2.452	16.8	21.4

153467 2001 RU_{13} 12 19.1 311°.33 4°.0/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.22	+31 33.7	1.358	2.211	16.6	19.4
11 27	6 11.64	+31 58.9	1.278	2.195	12.5	19.1
12 7	6 2.55	+32 15.8	1.220	2.179	7.9	18.8
12 17	5 51.00	+32 18.9	1.186	2.163	4.2	18.5
12 27	5 38.77	+32 5.4	1.178	2.147	6.0	18.6
1 6	5 27.86	+31 36.8	1.196	2.132	10.8	18.8
1 16	5 19.89	+30 58.2	1.237	2.118	15.5	19.0
1 26	5 15.88	+30 16.4	1.297	2.104	19.7	19.3

202575 2006 FM_{14} 12 19.1 165°.49 0°.0/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.83	+23 6.6	3.077	3.905	9.0	21.5
11 27	6 5.81	+23 9.5	3.002	3.910	6.4	21.3
12 7	5 58.41	+23 11.8	2.953	3.915	3.6	21.2
12 17	5 50.20	+23 12.7	2.935	3.919	0.6	20.9
12 27	5 41.87	+23 12.2	2.949	3.922	2.4	21.1
1 6	5 34.12	+23 10.4	2.994	3.925	5.3	21.3
1 16	5 27.56	+23 8.1	3.068	3.928	7.9	21.5
1 26	5 22.67	+23 6.2	3.167	3.930	10.1	21.6

288971 2004 TC_{40} 12 19.1 27°.51 0°.7/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.01	+21 53.6	1.848	2.695	13.1	21.9
11 27	6 7.36	+21 48.2	1.782	2.699	9.5	21.6
12 7	5 59.55	+21 43.2	1.741	2.705	5.4	21.4
12 17	5 50.42	+21 38.1	1.727	2.710	1.1	21.1
12 27	5 41.12	+21 32.8	1.742	2.716	3.6	21.3
1 6	5 32.83	+21 28.0	1.785	2.722	7.8	21.6
1 16	5 26.47	+21 24.9	1.854	2.729	11.5	21.8
1 26	5 22.67	+21 24.4	1.946	2.735	14.7	22.1

167784 2005 AE_{31} 12 19.1 57°.83 0°.6/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.50	+22 59.7	1.091	1.955	18.9	19.4
11 27	6 13.52	+22 46.2	1.052	1.977	13.6	19.2
12 7	6 3.20	+22 32.0	1.033	1.999	7.7	18.9
12 17	5 51.04	+22 16.2	1.039	2.022	1.4	18.6
12 27	5 39.06	+21 59.2	1.070	2.045	5.0	18.9
1 6	5 29.12	+21 43.5	1.127	2.069	10.6	19.3
1 16	5 22.46	+21 31.5	1.206	2.092	15.5	19.7
1 26	5 19.64	+21 25.0	1.305	2.116	19.3	20.0

321254 2009 CE_{64} 12 19.1 138°.40 1°.8/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.58	+18 3.1	1.606	2.444	15.2	21.4
11 27	6 13.01	+18 12.5	1.545	2.457	11.1	21.2
12 7	6 2.81	+18 26.9	1.508	2.469	6.5	20.9
12 17	5 51.00	+18 44.8	1.498	2.480	2.1	20.7
12 27	5 39.02	+19 5.0	1.518	2.490	4.4	20.9
1 6	5 28.30	+19 26.7	1.566	2.500	9.0	21.2
1 16	5 19.98	+19 50.0	1.641	2.509	13.1	21.4
1 26	5 14.76	+20 15.0	1.737	2.517	16.5	21.7

384273 2009 KK_9 12 19.1 110°.38 1°.8/18.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.47	+19 40.6	1.710	2.545	14.6	21.9
11 27	6 13.26	+19 16.4	1.660	2.570	10.6	21.7
12 7	6 2.73	+18 53.7	1.635	2.595	6.1	21.5
12 17	5 50.95	+18 32.9	1.638	2.620	2.1	21.3
12 27	5 39.29	+18 14.9	1.672	2.643	4.3	21.5
1 6	5 29.03	+18 0.9	1.734	2.665	8.5	21.8
1 16	5 21.10	+17 52.3	1.823	2.686	12.3	22.1
1 26	5 16.06	+17 49.7	1.935	2.707	15.3	22.3

148170 1999 YE_1 12 19.1 18°.89 10°.3/23.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 32.09	+50 0.0	1.077	1.891	22.7	17.7
11 27	6 22.75	+49 6.0	1.021	1.897	18.8	17.5
12 7	6 8.48	+47 29.2	0.982	1.905	14.5	17.3
12 17	5 51.91	+45 2.7	0.965	1.914	11.0	17.1
12 27	5 36.33	+41 52.0	0.974	1.924	10.5	17.1
1 6	5 24.36	+38 15.9	1.008	1.936	13.4	17.3
1 16	5 17.24	+34 37.5	1.067	1.948	17.4	17.6
1 26	5 15.12	+31 15.5	1.148	1.962	21.2	17.9

482282 2011 SJ_{215} 12 19.1 324°.26 7°.1/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.48	+40 1.9	1.727	2.548	15.1	21.3
11 27	6 13.57	+40 59.7	1.659	2.547	12.0	21.1
12 7	6 3.43	+41 43.5	1.613	2.545	9.0	20.9
12 17	5 51.15	+42 6.4	1.593	2.544	7.2	20.8
12 27	5 38.45	+42 4.5	1.600	2.543	8.0	20.8
1 6	5 27.13	+41 39.4	1.633	2.541	10.6	21.0
1 16	5 18.60	+40 56.6	1.691	2.540	13.7	21.2
1 26	5 13.74	+40 3.9	1.769	2.539	16.6	21.4

12305 1991 TE_1 12 19.1 340°.58 0°.4/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.83	+18 42.3	1.447	2.299	15.8	17.1
11 27	6 10.19	+19 44.6	1.373	2.293	11.5	16.8
12 7	6 1.56	+20 56.4	1.322	2.287	6.6	16.5
12 17	5 50.85	+22 13.3	1.298	2.281	1.3	16.1
12 27	5 39.52	+23 30.2	1.301	2.276	4.3	16.3
1 6	5 29.22	+24 42.6	1.332	2.272	9.6	16.6
1 16	5 21.35	+25 48.2	1.388	2.268	14.2	16.9
1 26	5 16.86	+26 46.9	1.465	2.265	18.1	17.1

173506 2000 UW_{22} 12 19.1 74°.83 1°.7/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.38	+18 52.6	1.262	2.116	17.6	20.0
11 27	6 13.17	+19 1.1	1.218	2.138	12.7	19.7
12 7	6 2.96	+19 14.6	1.196	2.160	7.3	19.5
12 17	5 51.04	+19 31.4	1.199	2.182	2.1	19.2
12 27	5 39.15	+19 50.1	1.230	2.203	4.8	19.5
1 6	5 28.96	+20 10.1	1.287	2.225	10.0	19.8
1 16	5 21.67	+20 31.3	1.368	2.247	14.5	20.2
1 26	5 17.91	+20 54.3	1.469	2.268	18.1	20.5

120547 1994 YJ_3 12 19.1 342°.97 1°.2/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.77	+26 2.6	1.251	2.115	16.9	19.8
11 27	6 9.72	+26 5.1	1.182	2.107	12.4	19.5
12 7	6 1.36	+26 3.8	1.134	2.100	7.2	19.2
12 17	5 50.81	+25 56.4	1.111	2.094	1.7	18.9
12 27	5 39.81	+25 42.0	1.113	2.089	4.8	19.0
1 6	5 30.22	+25 22.5	1.141	2.084	10.4	19.3
1 16	5 23.50	+25 1.5	1.191	2.080	15.4	19.6
1 26	5 20.52	+24 42.5	1.261	2.077	19.6	19.9

157147 2004 PQ_7 12 19.1 142°.80 2°.4/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.08	+16 51.6	1.913	2.747	13.3	20.9
11 27	6 10.15	+16 40.4	1.849	2.757	9.8	20.7
12 7	6 1.07	+16 33.5	1.809	2.767	5.9	20.5
12 17	5 50.72	+16 31.1	1.797	2.776	2.6	20.3
12 27	5 40.23	+16 33.4	1.816	2.785	4.3	20.4
1 6	5 30.76	+16 40.5	1.863	2.792	8.1	20.6
1 16	5 23.23	+16 52.3	1.937	2.800	11.7	20.9
1 26	5 18.26	+17 8.7	2.034	2.806	14.7	21.1

272451 2005 UY_{29} 12 19.1 92°.94 1°.0/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.97	+25 54.8	2.032	2.871	12.4	20.6
11 27	6 8.68	+26 6.1	1.966	2.879	9.0	20.4
12 7	6 0.27	+26 14.9	1.924	2.886	5.2	20.2
12 17	5 50.58	+26 19.2	1.911	2.894	1.3	19.9
12 27	5 40.74	+26 18.4	1.928	2.901	3.4	20.1
1 6	5 31.86	+26 13.1	1.974	2.909	7.3	20.3
1 16	5 24.88	+26 5.0	2.047	2.916	10.8	20.6
1 26	5 20.41	+25 56.4	2.142	2.923	13.8	20.8

165557 2001 DR_{46} 12 19.1 298°.98 8°.9/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.91	+ 1 33.7	1.715	2.525	15.7	19.7
11 27	6 7.38	+ 0 46.3	1.647	2.521	12.9	19.5
12 7	5 59.64	+ 0 16.8	1.600	2.517	10.3	19.4
12 17	5 50.49	+ 0 9.6	1.579	2.512	8.9	19.3
12 27	5 41.05	+ 0 26.8	1.583	2.508	9.6	19.3
1 6	5 32.50	+ 1 7.4	1.613	2.504	11.8	19.5
1 16	5 25.84	+ 2 7.5	1.666	2.500	14.7	19.6
1 26	5 21.75	+ 3 21.9	1.740	2.497	17.4	19.8

339946 2005 UZ_{122} 12 19.1 131°.96 0°.5/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.70	+24 32.2	1.883	2.718	13.4	22.2
11 27	6 12.11	+24 39.5	1.822	2.733	9.7	22.0
12 7	6 2.20	+24 44.7	1.786	2.748	5.5	21.8
12 17	5 50.92	+24 46.0	1.778	2.761	1.1	21.5
12 27	5 39.55	+24 42.8	1.801	2.774	3.6	21.7
1 6	5 29.36	+24 36.0	1.853	2.787	7.8	22.0
1 16	5 21.33	+24 27.5	1.932	2.798	11.5	22.3
1 26	5 16.09	+24 19.7	2.034	2.809	14.6	22.5

349291 2007 TV_{387} 12 19.1 251°.04 1°.5/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.52	+26 41.4	1.802	2.645	13.6	21.5
11 27	6 10.20	+26 59.7	1.725	2.640	10.0	21.2
12 7	6 1.33	+27 15.2	1.672	2.634	5.8	21.0
12 17	5 50.80	+27 24.9	1.647	2.629	1.8	20.7
12 27	5 39.91	+27 27.4	1.651	2.624	4.0	20.8
1 6	5 30.03	+27 23.3	1.683	2.618	8.3	21.1
1 16	5 22.30	+27 14.6	1.741	2.613	12.3	21.3
1 26	5 17.50	+27 4.4	1.821	2.607	15.6	21.5

322446 2011 UU_2 12 19.1 48.°76 0.°3/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.83	+23 26.3	1.538	2.390	15.0	20.6
11 27	6 9.64	+23 14.3	1.484	2.404	10.9	20.3
12 7	6 0.90	+23 1.0	1.453	2.418	6.1	20.1
12 17	5 50.70	+22 45.7	1.449	2.432	1.1	19.8
12 27	5 40.45	+22 28.9	1.472	2.447	4.0	20.0
1 6	5 31.55	+22 12.2	1.523	2.461	8.7	20.4
1 16	5 25.02	+21 57.6	1.599	2.477	12.8	20.6
1 26	5 21.51	+21 47.0	1.696	2.492	16.2	20.9

43722 Carloseduardo 12 19.1 45.°90 1.°3/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.60	+29 21.7	1.964	2.803	12.8	17.2
11 27	6 9.02	+28 48.7	1.905	2.817	9.3	17.0
12 7	6 0.37	+28 8.4	1.871	2.832	5.4	16.8
12 17	5 50.59	+27 20.6	1.866	2.848	1.6	16.5
12 27	5 40.88	+26 27.0	1.890	2.863	3.5	16.7
1 6	5 32.36	+25 31.1	1.943	2.879	7.3	17.0
1 16	5 25.87	+24 36.5	2.024	2.895	10.8	17.2
1 26	5 21.95	+23 46.5	2.127	2.911	13.8	17.4

460581 2014 UT_{15} 12 19.1 21.°70 4.°8/18.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.94	+12 54.9	1.948	2.784	13.0	20.7
11 27	6 6.38	+11 46.8	1.883	2.788	9.9	20.5
12 7	5 58.92	+10 44.3	1.844	2.792	6.7	20.4
12 17	5 50.35	+ 9 50.8	1.831	2.797	4.8	20.3
12 27	5 41.69	+ 9 9.3	1.848	2.802	6.0	20.3
1 6	5 33.93	+ 8 41.6	1.892	2.807	9.0	20.5
1 16	5 27.90	+ 8 27.8	1.962	2.813	12.1	20.7
1 26	5 24.15	+ 8 26.8	2.054	2.819	14.8	20.9

170517 2003 WM_{59} 12 19.1 117.°68 1.°5/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.35	+26 18.2	1.976	2.811	12.9	20.6
11 27	6 11.17	+26 52.1	1.915	2.826	9.4	20.4
12 7	6 1.70	+27 23.5	1.879	2.840	5.4	20.2
12 17	5 50.86	+27 49.4	1.872	2.854	1.8	20.0
12 27	5 39.86	+28 7.7	1.896	2.867	3.7	20.1
1 6	5 29.92	+28 18.4	1.948	2.880	7.6	20.4
1 16	5 22.04	+28 23.3	2.028	2.893	11.1	20.6
1 26	5 16.86	+28 24.8	2.131	2.905	14.0	20.9

269884 2000 GH_{27} 12 19.1 256.°49 2.°7/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.25	+29 2.1	1.724	2.563	14.3	21.0
11 27	6 12.53	+29 33.0	1.636	2.547	10.6	20.8
12 7	6 2.86	+29 59.7	1.572	2.531	6.5	20.5
12 17	5 51.12	+30 17.7	1.535	2.514	2.9	20.2
12 27	5 38.75	+30 24.4	1.527	2.497	4.8	20.3
1 6	5 27.37	+30 19.7	1.547	2.479	9.2	20.5
1 16	5 18.33	+30 6.5	1.593	2.461	13.4	20.7
1 26	5 12.59	+29 49.3	1.660	2.443	17.1	20.9

222201 2000 DG_{101} 12 19.1 281.°20 0.°9/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.61	+24 23.1	1.542	2.392	15.2	20.6
11 27	6 11.56	+24 45.4	1.453	2.371	11.2	20.3
12 7	6 2.42	+25 7.8	1.387	2.351	6.5	20.0
12 17	5 51.06	+25 27.2	1.347	2.330	1.4	19.6
12 27	5 38.96	+25 41.2	1.335	2.309	4.4	19.7
1 6	5 27.80	+25 49.3	1.350	2.288	9.7	20.0
1 16	5 19.05	+25 53.1	1.390	2.267	14.4	20.2
1 26	5 13.75	+25 55.5	1.451	2.246	18.5	20.4

229295 2005 EN_2 12 19.1 6.°10 3.°9/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.97	+33 59.2	1.621	2.467	14.7	19.5
11 27	6 8.53	+33 58.3	1.557	2.468	11.1	19.3
12 7	6 0.40	+33 45.8	1.515	2.470	7.1	19.1
12 17	5 50.64	+33 19.0	1.498	2.473	4.1	18.9
12 27	5 40.74	+32 37.9	1.509	2.477	5.2	19.0
1 6	5 32.18	+31 46.0	1.547	2.482	8.9	19.2
1 16	5 26.07	+30 48.5	1.610	2.488	12.7	19.5
1 26	5 23.07	+29 50.8	1.695	2.495	16.0	19.7

134934 2001 BT_9 12 19.1 225.°33 1.°4/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.86	+18 17.5	2.198	3.029	11.9	20.4
11 27	6 9.32	+18 31.1	2.110	3.019	8.7	20.2
12 7	6 0.70	+18 48.6	2.048	3.008	5.1	20.0
12 17	5 50.71	+19 9.1	2.015	2.996	1.6	19.7
12 27	5 40.34	+19 31.5	2.012	2.984	3.5	19.8
1 6	5 30.66	+19 55.1	2.040	2.971	7.3	20.0
1 16	5 22.60	+20 19.7	2.095	2.958	10.9	20.2
1 26	5 16.88	+20 45.4	2.174	2.944	13.9	20.4

172270 2002 TN_{70} 12 19.1 143.°62 2.°7/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.70	+17 11.2	2.150	2.981	12.1	20.2
11 27	6 8.93	+16 30.6	2.084	2.991	8.9	20.0
12 7	6 0.31	+15 52.4	2.043	3.000	5.4	19.8
12 17	5 50.61	+15 18.0	2.031	3.008	2.8	19.6
12 27	5 40.84	+14 49.1	2.050	3.016	4.3	19.7
1 6	5 32.00	+14 27.0	2.098	3.023	7.6	20.0
1 16	5 24.87	+14 12.8	2.174	3.030	10.8	20.2
1 26	5 20.02	+14 6.3	2.273	3.036	13.6	20.4

27248 1999 VN_{210} 12 19.1 156.°64 6.°2/18.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.98	+ 9 29.4	1.697	2.524	15.0	19.4
11 27	6 10.25	+ 8 35.8	1.633	2.530	11.6	19.2
12 7	6 1.21	+ 7 52.5	1.593	2.535	8.2	19.0
12 17	5 50.78	+ 7 23.0	1.580	2.540	6.2	18.9
12 27	5 40.19	+ 7 9.7	1.594	2.544	7.3	19.0
1 6	5 30.68	+ 7 13.0	1.636	2.547	10.4	19.2
1 16	5 23.24	+ 7 31.3	1.703	2.550	13.8	19.4
1 26	5 18.52	+ 8 2.1	1.791	2.553	16.8	19.6

135950 2002 TZ_{224} 12 19.1 48.°87 1.°9/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.05	+18 52.8	1.534	2.385	15.1	20.2
11 27	6 9.02	+18 43.9	1.483	2.401	11.0	19.9
12 7	6 0.54	+18 38.6	1.455	2.418	6.4	19.7
12 17	5 50.66	+18 37.0	1.453	2.435	2.2	19.5
12 27	5 40.73	+18 39.0	1.480	2.452	4.4	19.7
1 6	5 32.09	+18 44.8	1.533	2.470	8.8	20.0
1 16	5 25.74	+18 54.5	1.612	2.488	12.8	20.3
1 26	5 22.29	+19 8.3	1.712	2.506	16.1	20.5

492157 2013 PL_{19} 12 19.1 115.°56 3.°9/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.24	+38 13.3	2.798	3.603	10.4	21.6
11 27	6 9.88	+38 24.5	2.737	3.621	8.0	21.4
12 7	6 0.77	+38 25.4	2.703	3.639	5.6	21.3
12 17	5 50.69	+38 13.9	2.697	3.656	4.0	21.2
12 27	5 40.62	+37 49.6	2.721	3.672	4.5	21.3
1 6	5 31.50	+37 14.3	2.776	3.689	6.6	21.4
1 16	5 24.09	+36 31.1	2.859	3.705	8.9	21.6
1 26	5 18.88	+35 44.0	2.967	3.720	11.0	21.8

146641 2001 US_{73} 12 19.1 103.°21 0.°9/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.83	+24 59.0	2.003	2.842	12.6	20.1
11 27	6 9.32	+25 19.1	1.939	2.852	9.1	19.9
12 7	6 0.66	+25 37.6	1.900	2.862	5.2	19.7
12 17	5 50.69	+25 52.3	1.890	2.873	1.2	19.5
12 27	5 40.56	+26 2.2	1.909	2.882	3.4	19.6
1 6	5 31.42	+26 7.2	1.958	2.892	7.4	19.9
1 16	5 24.21	+26 8.9	2.033	2.902	10.9	20.1
1 26	5 19.55	+26 9.2	2.132	2.911	13.9	20.4

361212 2006 SK_1 12 19.1 53.°79 5.°7/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.59	+10 2.1	1.643	2.479	15.0	20.4
11 27	6 7.77	+ 9 20.8	1.591	2.493	11.5	20.2
12 7	5 59.78	+ 8 50.8	1.561	2.507	8.0	20.0
12 17	5 50.53	+ 8 34.7	1.558	2.522	5.8	19.9
12 27	5 41.22	+ 8 33.9	1.582	2.536	6.8	20.0
1 6	5 33.03	+ 8 47.9	1.633	2.551	9.9	20.2
1 16	5 26.87	+ 9 14.9	1.709	2.566	13.2	20.5
1 26	5 23.33	+ 9 51.7	1.805	2.581	16.1	20.7

394138 2006 KF_{23} 12 19.1 173.°96 4.°1/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.37	+10 14.7	2.641	3.452	10.8	23.0
11 27	6 7.73	+ 9 42.8	2.567	3.457	8.2	22.8
12 7	5 59.57	+ 9 17.6	2.519	3.460	5.7	22.7
12 17	5 50.50	+ 9 0.6	2.501	3.463	4.1	22.6
12 27	5 41.29	+ 8 52.8	2.514	3.464	4.9	22.6
1 6	5 32.75	+ 8 54.5	2.557	3.465	7.3	22.8
1 16	5 25.55	+ 9 5.1	2.628	3.465	9.8	22.9
1 26	5 20.19	+ 9 23.6	2.724	3.464	12.1	23.1

401425 2013 CB_{86} 12 19.1 181.°40 0.°3/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.10	+21 50.2	2.084	2.921	12.2	20.9
11 27	6 8.78	+22 0.8	2.009	2.922	8.9	20.6
12 7	6 0.37	+22 12.3	1.959	2.922	5.0	20.4
12 17	5 50.65	+22 23.3	1.939	2.922	0.9	20.1
12 27	5 40.69	+22 33.1	1.948	2.922	3.3	20.3
1 6	5 31.58	+22 41.6	1.987	2.921	7.3	20.5
1 16	5 24.24	+22 49.4	2.053	2.920	10.9	20.8
1 26	5 19.33	+22 57.7	2.142	2.919	13.9	21.0

414657 2009 WR_4 12 19.1 88.°83 2.°9/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.98	+29 53.7	2.224	3.054	11.8	21.2
11 27	6 10.14	+30 53.4	2.163	3.068	8.7	21.0
12 7	6 1.14	+31 48.8	2.127	3.082	5.5	20.8
12 17	5 50.79	+32 35.8	2.121	3.096	3.0	20.7
12 27	5 40.20	+33 11.7	2.145	3.110	4.3	20.8
1 6	5 30.52	+33 35.7	2.199	3.123	7.4	21.0
1 16	5 22.69	+33 49.5	2.280	3.137	10.4	21.2
1 26	5 17.37	+33 56.0	2.385	3.150	13.0	21.4

446318 2014 FH_{32} 12 19.1 169.°46 0.°2/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.93	+22 58.9	1.994	2.831	12.7	22.3
11 27	6 10.13	+22 56.3	1.922	2.834	9.2	22.1
12 7	6 1.14	+22 52.9	1.875	2.837	5.2	21.9
12 17	5 50.80	+22 47.6	1.856	2.839	0.9	21.6
12 27	5 40.26	+22 40.3	1.867	2.841	3.4	21.8
1 6	5 30.69	+22 31.8	1.908	2.842	7.6	22.0
1 16	5 23.05	+22 23.7	1.976	2.843	11.2	22.2
1 26	5 17.98	+22 17.6	2.067	2.844	14.3	22.5

326658 2002 TL_{221} 12 19.1 137°.77 1°.5/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 12.22	+18 53.4	2.903	3.729	9.5	20.9
11 27	6 6.08	+18 25.5	2.834	3.741	6.9	20.7
12 7	5 58.59	+17 58.6	2.794	3.752	4.0	20.6
12 17	5 50.34	+17 33.4	2.783	3.763	1.7	20.4
12 27	5 42.05	+17 10.7	2.804	3.773	3.0	20.5
1 6	5 34.42	+16 51.5	2.856	3.783	5.7	20.7
1 16	5 28.05	+16 36.4	2.937	3.792	8.4	20.9
1 26	5 23.37	+16 26.1	3.043	3.801	10.6	21.1

382878 2004 LM_{5} 12 19.1 196°.43 0°.8/19.2 18

11 17	6 18.21	+19 59.1	1.993	2.826	12.9	21.7
11 27	6 11.16	+20 18.2	1.913	2.824	9.4	21.5
12 7	6 1.81	+20 40.3	1.859	2.820	5.4	21.2
12 17	5 50.95	+21 3.7	1.833	2.816	1.2	20.9
12 27	5 39.74	+21 26.8	1.838	2.811	3.6	21.1
1 6	5 29.38	+21 49.0	1.873	2.806	7.8	21.4
1 16	5 20.92	+22 10.4	1.935	2.800	11.6	21.6
1 26	5 15.08	+22 31.6	2.020	2.793	14.8	21.8

481767 2008 QN_{8} 12 19.1 77°.45 0°.9/19.1 16

11 17	6 18.99	+21 25.3	1.516	2.363	15.5	21.6
11 27	6 11.84	+21 22.4	1.469	2.386	11.2	21.4
12 7	6 2.12	+21 20.5	1.445	2.409	6.3	21.2
12 17	5 50.97	+21 18.6	1.448	2.431	1.4	20.9
12 27	5 39.87	+21 16.4	1.480	2.454	4.1	21.2
1 6	5 30.24	+21 14.7	1.540	2.476	8.8	21.5
1 16	5 23.09	+21 14.8	1.624	2.498	12.9	21.8
1 26	5 19.04	+21 17.8	1.731	2.520	16.2	22.1

136145 2003 SC_{291} 12 19.1 69°.45 4°.1/19.2 18

11 17	6 22.75	+31 0.9	1.254	2.104	17.8	19.6
11 27	6 15.30	+31 43.2	1.210	2.125	13.2	19.4
12 7	6 4.36	+32 16.2	1.187	2.145	8.2	19.2
12 17	5 51.39	+32 34.0	1.189	2.166	4.3	19.0
12 27	5 38.41	+32 33.9	1.218	2.186	6.1	19.2
1 6	5 27.39	+32 18.4	1.273	2.207	10.5	19.5
1 16	5 19.70	+31 53.2	1.351	2.227	14.8	19.8
1 26	5 15.97	+31 24.4	1.449	2.248	18.4	20.1

155056 2005 SB_{24} 12 19.1 44°.21 0°.5/19.1 18

11 17	6 17.34	+21 25.0	1.198	2.061	17.7	19.3
11 27	6 11.26	+21 41.1	1.152	2.077	12.8	19.0
12 7	6 2.04	+21 59.7	1.128	2.094	7.2	18.8
12 17	5 50.98	+22 18.4	1.129	2.112	1.4	18.5
12 27	5 39.87	+22 35.5	1.155	2.130	4.6	18.8
1 6	5 30.43	+22 50.5	1.207	2.149	10.0	19.1
1 16	5 23.92	+23 4.6	1.283	2.169	14.7	19.4
1 26	5 21.01	+23 18.9	1.378	2.188	18.5	19.7

422567 2014 TE_{45} 12 19.1 94°.59 3°.5/19.2 17

11 17	6 16.01	+33 16.5	2.279	3.105	11.7	21.3
11 27	6 9.43	+33 54.0	2.214	3.115	8.8	21.1
12 7	6 0.74	+34 24.3	2.176	3.125	5.8	20.9
12 17	5 50.76	+34 44.0	2.165	3.135	3.6	20.8
12 27	5 40.60	+34 51.4	2.184	3.145	4.6	20.9
1 6	5 31.37	+34 47.1	2.233	3.155	7.4	21.1
1 16	5 24.01	+34 33.5	2.308	3.165	10.3	21.3
1 26	5 19.14	+34 14.3	2.407	3.174	12.8	21.5

252150 2001 BT_{10} 12 19.1 48°.60 1°.4/19.2 18

11 17	6 21.38	+26 46.4	1.024	1.890	19.7	18.9
11 27	6 14.31	+26 42.9	0.992	1.918	14.2	18.7
12 7	6 3.70	+26 33.5	0.980	1.946	8.1	18.5
12 17	5 51.26	+26 16.0	0.991	1.974	2.0	18.2
12 27	5 39.16	+25 50.9	1.028	2.003	5.1	18.5
1 6	5 29.35	+25 22.1	1.090	2.033	10.7	18.9
1 16	5 23.05	+24 54.2	1.173	2.062	15.5	19.3
1 26	5 20.74	+24 30.7	1.276	2.092	19.4	19.6

464355 2016 AV_{122} 12 19.1 319°.16 7°.3/20.1 18

11 17	6 18.55	+44 5.9	2.020	2.823	13.9	20.5
11 27	6 11.94	+44 31.9	1.937	2.809	11.3	20.3
12 7	6 2.45	+44 41.1	1.876	2.795	8.9	20.1
12 17	5 51.10	+44 28.3	1.841	2.782	7.4	20.0
12 27	5 39.41	+43 51.1	1.834	2.768	7.8	20.0
1 6	5 28.98	+42 51.9	1.853	2.755	9.9	20.1
1 16	5 21.05	+41 36.5	1.897	2.743	12.7	20.2
1 26	5 16.42	+40 12.7	1.964	2.731	15.3	20.4

137603 1999 VJ_{171} 12 19.1 95°.09 0°.1/19.1 18

11 17	6 22.17	+23 58.3	1.556	2.397	15.5	20.4
11 27	6 14.04	+23 46.1	1.510	2.424	11.1	20.2
12 7	6 3.32	+23 31.6	1.487	2.450	6.3	20.0
12 17	5 51.21	+23 13.7	1.492	2.475	1.1	19.7
12 27	5 39.25	+22 53.0	1.526	2.500	4.0	20.0
1 6	5 28.88	+22 31.7	1.589	2.524	8.7	20.3
1 16	5 21.11	+22 12.3	1.677	2.548	12.7	20.6
1 26	5 16.50	+21 57.1	1.787	2.570	16.0	20.9

441903 2010 EH_{97} 12 19.1 201°.32 2°.3/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.93	+28 6.7	1.674	2.517	14.4	21.5
11 27	6 11.41	+28 34.6	1.603	2.517	10.6	21.3
12 7	6 2.13	+28 58.5	1.556	2.516	6.3	21.1
12 17	5 51.05	+29 14.5	1.536	2.516	2.5	20.8
12 27	5 39.63	+29 20.5	1.544	2.515	4.5	20.9
1 6	5 29.36	+29 17.2	1.580	2.514	8.8	21.2
1 16	5 21.48	+29 7.1	1.642	2.514	12.9	21.4
1 26	5 16.76	+28 54.1	1.725	2.513	16.3	21.7

417395 2006 HL_{122} 12 19.1 188°.24 3°.6/19.6 18

11 17	6 12.83	+ 8 15.3	2.889	3.693	10.1	21.1
11 27	6 6.64	+ 8 35.6	2.807	3.692	7.8	20.9
12 7	5 59.01	+ 9 5.2	2.752	3.691	5.3	20.8
12 17	5 50.47	+ 9 44.0	2.727	3.689	3.7	20.7
12 27	5 41.73	+10 31.0	2.733	3.688	4.3	20.7
1 6	5 33.51	+11 24.8	2.771	3.685	6.5	20.8
1 16	5 26.45	+12 23.5	2.838	3.683	8.9	21.0
1 26	5 21.05	+13 25.0	2.931	3.680	11.2	21.2

386699 2009 WF_{40} 12 19.1 314°.84 1°.4/19.2 18

11 17	6 16.13	+25 46.3	1.357	2.216	16.3	21.1
11 27	6 10.70	+26 4.0	1.280	2.203	12.0	20.8
12 7	6 2.01	+26 19.8	1.225	2.190	7.0	20.5
12 17	5 51.07	+26 30.2	1.195	2.178	1.9	20.1
12 27	5 39.52	+26 33.3	1.192	2.166	4.7	20.3
1 6	5 29.18	+26 29.4	1.214	2.155	10.1	20.5
1 16	5 21.56	+26 21.2	1.260	2.144	15.1	20.8
1 26	5 17.62	+26 12.2	1.325	2.134	19.2	21.0

177514 2004 EG_{67} 12 19.1 352°.77 2°.5/19.1 18

11 17	6 13.31	+17 22.7	1.592	2.442	14.7	20.4
11 27	6 7.96	+17 15.5	1.522	2.440	10.8	20.1
12 7	6 0.12	+17 13.6	1.476	2.437	6.5	19.9
12 17	5 50.70	+17 17.2	1.455	2.436	2.7	19.6
12 27	5 40.97	+17 26.2	1.463	2.434	4.6	19.8
1 6	5 32.27	+17 40.4	1.497	2.433	9.0	20.0
1 16	5 25.71	+17 59.4	1.557	2.433	13.2	20.3
1 26	5 22.03	+18 22.9	1.637	2.433	16.7	20.5

200281 1999 XF_{252} 12 19.1 101°.83 0°.7/19.1 18

11 17	6 16.49	+20 56.5	1.794	2.636	13.7	20.6
11 27	6 9.94	+21 5.8	1.732	2.647	9.9	20.4
12 7	6 1.09	+21 16.8	1.695	2.658	5.6	20.1
12 17	5 50.85	+21 28.2	1.685	2.668	1.2	19.8
12 27	5 40.46	+21 39.2	1.705	2.679	3.7	20.0
1 6	5 31.14	+21 49.6	1.753	2.689	8.0	20.3
1 16	5 23.91	+22 0.0	1.828	2.699	11.8	20.6
1 26	5 19.40	+22 11.5	1.924	2.708	15.0	20.8

383097 2005 SS_{136} 12 19.1 0°.87 2°.9/19.1 18 R

11 17	6 13.43	+18 1.6	1.159	2.027	17.8	20.6
11 27	6 8.69	+17 42.6	1.099	2.025	13.1	20.3
12 7	6 0.79	+17 29.4	1.059	2.024	7.8	20.0
12 17	5 50.83	+17 22.7	1.043	2.024	3.2	19.7
12 27	5 40.53	+17 23.3	1.052	2.025	5.6	19.9
1 6	5 31.65	+17 31.5	1.085	2.027	11.0	20.2
1 16	5 25.57	+17 47.0	1.140	2.029	15.9	20.5
1 26	5 23.10	+18 9.0	1.214	2.033	20.0	20.8

79046 4113 $T\text{-}_{2}$ 12 19.1 63°.56 0°.1/19.1 18 R

11 17	6 16.57	+23 10.7	1.607	2.456	14.7	19.2
11 27	6 10.18	+23 19.6	1.551	2.469	10.6	19.0
12 7	6 1.28	+23 28.1	1.519	2.483	6.0	18.8
12 17	5 50.89	+23 34.6	1.514	2.497	1.1	18.4
12 27	5 40.39	+23 38.2	1.537	2.512	3.9	18.7
1 6	5 31.16	+23 39.4	1.588	2.526	8.5	19.0
1 16	5 24.25	+23 39.7	1.664	2.540	12.5	19.3
1 26	5 20.31	+23 40.9	1.762	2.555	15.8	19.5

74148 1998 QP_{87} 12 19.1 47°.13 1°.2/18.9 18

11 17	6 17.58	+23 25.1	1.421	2.274	16.0	18.6
11 27	6 10.87	+22 31.6	1.375	2.295	11.5	18.4
12 7	6 1.58	+21 35.4	1.352	2.317	6.5	18.2
12 17	5 50.92	+20 38.4	1.356	2.339	1.6	17.9
12 27	5 40.43	+19 43.8	1.387	2.361	4.4	18.2
1 6	5 31.52	+18 55.4	1.446	2.383	9.2	18.5
1 16	5 25.19	+18 15.9	1.530	2.406	13.3	18.8
1 26	5 21.95	+17 46.8	1.634	2.430	16.7	19.1

259452 2003 SQ_{70} 12 19.1 115°.30 1°.2/19.1 18

11 17	6 21.14	+21 6.3	1.571	2.413	15.3	20.9
11 27	6 13.38	+20 50.6	1.517	2.431	11.1	20.7
12 7	6 3.02	+20 35.5	1.487	2.449	6.3	20.5
12 17	5 51.19	+20 20.6	1.484	2.467	1.6	20.2
12 27	5 39.37	+20 6.5	1.511	2.484	4.2	20.5
1 6	5 28.98	+19 54.4	1.565	2.500	8.9	20.8
1 16	5 21.08	+19 46.0	1.646	2.515	13.0	21.0
1 26	5 16.31	+19 42.6	1.748	2.530	16.4	21.3

154794 2004 PK_{69} 12 19.1 64°.30 0°.7/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.51	+24 49.3	1.974	2.816	12.6	20.3
11 27	6 8.45	+25 2.4	1.908	2.823	9.1	20.1
12 7	6 0.24	+25 13.9	1.867	2.830	5.2	19.8
12 17	5 50.72	+25 22.0	1.853	2.836	1.2	19.6
12 27	5 41.02	+25 26.0	1.870	2.844	3.4	19.8
1 6	5 32.29	+25 26.1	1.915	2.851	7.4	20.0
1 16	5 25.46	+25 23.8	1.987	2.858	11.0	20.3
1 26	5 21.16	+25 21.1	2.081	2.865	14.0	20.5

59186 1999 AK_{16} 12 19.1 145°.56 0°.7/19.2 18 R

11 17	6 19.11	+25 21.8	1.923	2.758	13.2	20.6
11 27	6 11.76	+25 26.8	1.857	2.768	9.6	20.4
12 7	6 2.10	+25 28.9	1.816	2.778	5.5	20.2
12 17	5 51.05	+25 26.5	1.803	2.786	1.2	19.9
12 27	5 39.86	+25 19.0	1.821	2.794	3.6	20.1
1 6	5 29.78	+25 7.4	1.868	2.802	7.7	20.3
1 16	5 21.80	+24 54.1	1.942	2.809	11.4	20.6
1 26	5 16.57	+24 41.4	2.039	2.815	14.5	20.8

159962 2006 AL_{93} 12 19.1 352°.16 4°.8/19.4 17

11 17	6 11.70	+ 9 22.3	1.921	2.750	13.4	19.7
11 27	6 6.41	+ 9 16.9	1.849	2.748	10.3	19.5
12 7	5 59.10	+ 9 22.9	1.801	2.746	7.1	19.3
12 17	5 50.53	+ 9 41.7	1.779	2.745	4.9	19.2
12 27	5 41.69	+10 13.0	1.786	2.743	5.8	19.2
1 6	5 33.65	+10 55.4	1.821	2.743	8.8	19.4
1 16	5 27.31	+11 46.5	1.882	2.742	12.1	19.6
1 26	5 23.30	+12 43.5	1.965	2.742	15.0	19.8

191394 2003 SN_{48} 12 19.1 136°.16 2°.0/18.9 17

11 17	6 12.67	+18 40.3	2.276	3.112	11.4	20.3
11 27	6 6.80	+18 8.8	2.203	3.114	8.3	20.1
12 7	5 59.18	+17 38.7	2.156	3.116	4.9	19.9
12 17	5 50.52	+17 11.1	2.138	3.118	2.1	19.7
12 27	5 41.74	+16 47.0	2.151	3.120	3.7	19.8
1 6	5 33.74	+16 27.8	2.192	3.122	7.0	20.0
1 16	5 27.29	+16 14.3	2.261	3.123	10.2	20.2
1 26	5 22.95	+16 6.9	2.354	3.125	13.0	20.4

413164 2002 NL_{59} 12 19.1 81°.76 5°.8/19.6 18

11 17	6 11.78	+ 4 6.3	2.327	3.130	12.3	20.6
11 27	6 6.01	+ 3 56.2	2.270	3.146	9.7	20.5
12 7	5 58.67	+ 3 59.2	2.237	3.162	7.3	20.4
12 17	5 50.43	+ 4 16.5	2.232	3.177	5.9	20.3
12 27	5 42.11	+ 4 48.2	2.255	3.193	6.4	20.4
1 6	5 34.55	+ 5 32.5	2.308	3.208	8.3	20.5
1 16	5 28.42	+ 6 26.9	2.387	3.224	10.7	20.7
1 26	5 24.21	+ 7 28.2	2.489	3.239	12.9	20.9

344165 2000 YN_{87} 12 19.1 13°.32 1°.8/19.2 18

11 17	6 13.58	+27 2.9	1.115	1.987	18.0	18.9
11 27	6 8.96	+27 9.0	1.063	1.992	13.1	18.6
12 7	6 0.96	+27 10.0	1.032	1.998	7.6	18.3
12 17	5 50.87	+27 3.1	1.023	2.006	2.2	18.0
12 27	5 40.59	+26 47.9	1.040	2.015	5.0	18.2
1 6	5 32.00	+26 26.6	1.080	2.025	10.5	18.6
1 16	5 26.48	+26 3.3	1.143	2.037	15.4	18.9
1 26	5 24.76	+25 41.6	1.225	2.051	19.5	19.2

383104 2005 SA_{187} 12 19.1 306°.13 1°.4/19.0 18

11 17	6 16.39	+21 48.4	1.428	2.283	15.8	20.5
11 27	6 10.51	+21 19.3	1.355	2.275	11.6	20.3
12 7	6 1.71	+20 49.2	1.303	2.268	6.7	20.0
12 17	5 51.02	+20 18.4	1.278	2.260	1.8	19.6
12 27	5 39.94	+19 48.6	1.279	2.253	4.7	19.8
1 6	5 30.10	+19 22.1	1.308	2.246	9.8	20.1
1 16	5 22.77	+19 1.5	1.360	2.239	14.5	20.3
1 26	5 18.78	+18 48.5	1.433	2.233	18.5	20.6

280429 2003 YX_{84} 12 19.1 296°.46 0°.8/19.0 18

11 17	6 13.26	+23 0.1	2.222	3.060	11.5	19.8
11 27	6 7.51	+22 27.5	2.122	3.036	8.4	19.5
12 7	5 59.74	+21 52.1	2.049	3.011	4.8	19.3
12 17	5 50.65	+21 14.2	2.004	2.987	1.1	19.0
12 27	5 41.21	+20 35.2	1.989	2.962	3.4	19.1
1 6	5 32.46	+19 57.1	2.004	2.938	7.3	19.3
1 16	5 25.30	+19 22.2	2.047	2.913	10.9	19.5
1 26	5 20.43	+18 52.7	2.112	2.889	14.1	19.6

359817 2011 UH_{280} 12 19.1 331°.48 0°.3/19.2 18

11 17	6 15.27	+24 44.0	1.780	2.626	13.6	20.8
11 27	6 9.24	+24 39.6	1.707	2.624	9.9	20.6
12 7	6 0.80	+24 32.7	1.659	2.622	5.6	20.3
12 17	5 50.84	+24 22.3	1.637	2.621	1.1	20.0
12 27	5 40.64	+24 8.3	1.645	2.619	3.7	20.2
1 6	5 31.48	+23 51.9	1.680	2.618	8.1	20.5
1 16	5 24.41	+23 35.4	1.742	2.616	12.1	20.7
1 26	5 20.15	+23 21.0	1.826	2.615	15.5	20.9

439216 2012 TW_{13} 12 19.1 100°.91 6°.1/18.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.67	+10 25.0	1.652	2.484	15.2	21.1
11 27	6 9.99	+ 9 20.7	1.598	2.498	11.7	20.9
12 7	6 1.07	+ 8 26.2	1.568	2.512	8.2	20.7
12 17	5 50.87	+ 7 45.4	1.564	2.525	6.1	20.7
12 27	5 40.64	+ 7 20.9	1.589	2.539	7.2	20.8
1 6	5 31.60	+ 7 13.4	1.640	2.552	10.3	21.0
1 16	5 24.67	+ 7 21.8	1.716	2.565	13.6	21.2
1 26	5 20.45	+ 7 43.3	1.813	2.577	16.5	21.4

60507 2000 DG_{106} 12 19.1 68°.31 1°.0/19.2 18 R

11 17	6 18.40	+19 36.6	1.383	2.235	16.4	18.6
11 27	6 11.81	+20 2.2	1.330	2.249	11.9	18.4
12 7	6 2.34	+20 32.5	1.300	2.264	6.8	18.2
12 17	5 51.12	+21 5.0	1.296	2.279	1.5	17.9
12 27	5 39.74	+21 37.2	1.319	2.293	4.4	18.1
1 6	5 29.79	+22 7.6	1.369	2.308	9.4	18.4
1 16	5 22.47	+22 36.4	1.444	2.323	13.9	18.7
1 26	5 18.51	+23 4.0	1.540	2.338	17.5	19.0

115952 2003 WG_{34} 12 19.1 268°.08 0°.2/19.2 18

11 17	6 12.90	+24 49.9	2.331	3.168	11.1	20.0
11 27	6 7.08	+24 41.0	2.250	3.162	8.1	19.8
12 7	5 59.41	+24 29.7	2.195	3.157	4.6	19.6
12 17	5 50.59	+24 15.4	2.168	3.152	0.9	19.3
12 27	5 41.57	+23 58.3	2.172	3.146	3.0	19.5
1 6	5 33.31	+23 39.5	2.206	3.141	6.6	19.7
1 16	5 26.63	+23 20.6	2.267	3.135	10.0	19.9
1 26	5 22.12	+23 3.4	2.352	3.130	12.8	20.1

220329 2003 FJ_{110} 12 19.1 146°.67 2°.7/19.3 18

11 17	6 16.59	+31 57.1	2.350	3.175	11.4	20.6
11 27	6 9.76	+32 13.3	2.280	3.182	8.5	20.4
12 7	6 0.91	+32 22.7	2.235	3.189	5.3	20.2
12 17	5 50.86	+32 22.8	2.220	3.195	2.9	20.1
12 27	5 40.66	+32 12.8	2.234	3.200	4.0	20.1
1 6	5 31.38	+31 53.7	2.279	3.206	7.0	20.3
1 16	5 23.90	+31 28.3	2.351	3.211	10.0	20.5
1 26	5 18.81	+31 0.0	2.447	3.216	12.6	20.7

405510 2005 BD_{18} 12 19.1 18°.98 3°.1/19.7 18

11 17	6 13.35	+12 23.3	1.531	2.376	15.5	19.4
11 27	6 7.97	+13 12.8	1.473	2.386	11.5	19.1
12 7	6 0.13	+14 15.8	1.439	2.397	7.1	18.9
12 17	5 50.74	+15 30.0	1.431	2.409	3.4	18.7
12 27	5 41.09	+16 51.3	1.451	2.422	4.8	18.8
1 6	5 32.54	+18 15.0	1.499	2.436	9.0	19.1
1 16	5 26.14	+19 37.4	1.572	2.451	12.9	19.4
1 26	5 22.62	+20 56.0	1.668	2.466	16.3	19.6

293521 2007 GM_{47} 12 19.1 218°.18 0°.9/19.2 18

11 17	6 18.17	+25 11.6	1.926	2.763	13.1	21.3
11 27	6 11.33	+25 27.1	1.844	2.756	9.6	21.1
12 7	6 2.02	+25 40.8	1.786	2.748	5.5	20.8
12 17	5 51.09	+25 50.4	1.757	2.740	1.3	20.5
12 27	5 39.77	+25 54.6	1.758	2.731	3.7	20.7
1 6	5 29.36	+25 53.5	1.788	2.722	8.0	20.9
1 16	5 20.99	+25 49.1	1.844	2.712	11.9	21.1
1 26	5 15.41	+25 43.7	1.924	2.701	15.2	21.3

30003 2000 AO_{236} 12 19.1 240°.50 0°.8/19.1 18

11 17	6 15.65	+21 36.6	2.484	3.312	10.8	19.5
11 27	6 9.05	+21 23.3	2.385	3.294	7.9	19.2
12 7	6 0.56	+21 9.4	2.313	3.274	4.5	19.0
12 17	5 50.83	+20 54.7	2.271	3.254	1.1	18.7
12 27	5 40.76	+20 39.4	2.261	3.233	3.1	18.8
1 6	5 31.32	+20 24.4	2.281	3.211	6.7	19.0
1 16	5 23.34	+20 11.1	2.329	3.189	10.1	19.2
1 26	5 17.48	+20 0.8	2.402	3.166	12.9	19.4

274935 2009 ST_{205} 12 19.1 175°.59 2°.4/19.2 18

11 17	6 21.12	+29 16.8	1.904	2.735	13.5	21.8
11 27	6 13.46	+29 42.4	1.831	2.738	10.0	21.5
12 7	6 3.20	+30 2.7	1.783	2.741	6.0	21.3
12 17	5 51.30	+30 14.0	1.763	2.742	2.6	21.1
12 27	5 39.11	+30 14.5	1.774	2.743	4.3	21.2
1 6	5 28.03	+30 5.0	1.813	2.743	8.2	21.5
1 16	5 19.20	+29 48.6	1.880	2.742	11.9	21.7
1 26	5 13.36	+29 29.2	1.969	2.741	15.1	21.9

327054 2004 TT_{85} 12 19.1 61°.19 0°.4/19.1 18

11 17	6 13.77	+22 13.4	1.994	2.837	12.5	21.4
11 27	6 7.84	+22 12.1	1.929	2.844	9.0	21.2
12 7	5 59.88	+22 10.9	1.889	2.852	5.1	21.0
12 17	5 50.69	+22 9.1	1.877	2.860	1.0	20.7
12 27	5 41.37	+22 6.4	1.894	2.868	3.3	20.9
1 6	5 32.99	+22 3.5	1.940	2.876	7.3	21.2
1 16	5 26.43	+22 1.4	2.013	2.884	10.9	21.4
1 26	5 22.30	+22 1.1	2.109	2.893	13.9	21.6

3623 Chaplin 12 19.1 83°.91 0°.8/19.1 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.35	+20 44.5	1.981	2.822	12.6	16.5
11 27	6 8.27	+20 48.2	1.917	2.831	9.1	16.3
12 7	6 0.12	+20 53.5	1.877	2.839	5.2	16.1
12 17	5 50.74	+20 59.6	1.865	2.848	1.2	15.8
12 27	5 41.20	+21 5.9	1.883	2.856	3.4	16.0
1 6	5 32.60	+21 12.5	1.930	2.865	7.4	16.2
1 16	5 25.84	+21 20.1	2.003	2.873	11.0	16.5
1 26	5 21.52	+21 29.2	2.099	2.881	14.0	16.7

327547 2006 BQ_{262} 12 19.1 193°.68 0°.2/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.75	+22 31.3	2.694	3.525	10.0	22.1
11 27	6 6.76	+22 34.4	2.613	3.523	7.2	21.9
12 7	5 59.16	+22 37.4	2.559	3.521	4.1	21.7
12 17	5 50.58	+22 39.4	2.535	3.519	0.8	21.5
12 27	5 41.80	+22 40.1	2.542	3.516	2.7	21.6
1 6	5 33.66	+22 39.9	2.580	3.513	5.9	21.9
1 16	5 26.87	+22 39.5	2.646	3.509	8.9	22.0
1 26	5 21.95	+22 39.8	2.737	3.505	11.4	22.2

6439 Tirol 12 19.1 178°.82 6°.5/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 10.44	+ 0 27.2	2.646	3.431	11.4	17.4
11 27	6 5.00	+ 0 4.7	2.574	3.432	9.4	17.3
12 7	5 58.13	− 0 4.4	2.527	3.432	7.6	17.1
12 17	5 50.39	+ 0 2.0	2.507	3.432	6.6	17.1
12 27	5 42.50	+ 0 24.5	2.516	3.432	7.0	17.1
1 6	5 35.18	+ 1 2.2	2.552	3.432	8.5	17.2
1 16	5 29.08	+ 1 52.7	2.615	3.432	10.5	17.3
1 26	5 24.69	+ 2 53.1	2.702	3.431	12.5	17.5

272134 2005 MN_{42} 12 19.1 60°.94 4°.2/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.09	+15 16.3	1.319	2.172	17.0	20.6
11 27	6 10.77	+14 43.1	1.271	2.187	12.6	20.4
12 7	6 1.70	+14 17.7	1.244	2.202	7.9	20.1
12 17	5 51.03	+14 1.9	1.242	2.218	4.3	20.0
12 27	5 40.33	+13 56.9	1.267	2.234	6.1	20.1
1 6	5 31.12	+14 2.9	1.317	2.250	10.4	20.4
1 16	5 24.50	+14 18.9	1.392	2.266	14.6	20.7
1 26	5 21.12	+14 43.2	1.486	2.282	18.1	21.0

302783 2002 XN_{19} 12 19.1 79°.26 1°.4/18.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.79	+22 15.0	1.799	2.640	13.7	19.8
11 27	6 10.65	+21 26.2	1.746	2.660	9.9	19.6
12 7	6 1.37	+20 35.7	1.717	2.680	5.6	19.4
12 17	5 50.95	+19 45.1	1.717	2.699	1.6	19.1
12 27	5 40.63	+18 56.7	1.747	2.719	3.9	19.3
1 6	5 31.57	+18 13.4	1.806	2.739	8.0	19.6
1 16	5 24.65	+17 37.5	1.891	2.758	11.7	19.9
1 26	5 20.39	+17 10.2	1.999	2.777	14.7	20.1

265095 2003 SG_{289} 12 19.1 60°.53 1°.2/19.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.69	+19 16.2	2.160	2.998	11.8	20.8
11 27	6 6.98	+19 21.4	2.089	3.002	8.6	20.6
12 7	5 59.38	+19 29.3	2.044	3.006	5.0	20.4
12 17	5 50.63	+19 39.4	2.027	3.009	1.5	20.1
12 27	5 41.69	+19 51.1	2.041	3.013	3.4	20.3
1 6	5 33.54	+20 4.2	2.083	3.017	7.0	20.5
1 16	5 27.02	+20 18.7	2.152	3.021	10.4	20.7
1 26	5 22.72	+20 34.9	2.245	3.025	13.2	20.9

71542 2000 CR_{116} 12 19.2 32°.57 1°.7/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.03	+16 53.3	1.927	2.768	12.9	18.5
11 27	6 7.39	+17 17.1	1.862	2.775	9.5	18.3
12 7	5 59.68	+17 47.0	1.822	2.782	5.6	18.1
12 17	5 50.69	+18 21.6	1.809	2.790	2.0	17.9
12 27	5 41.48	+18 59.4	1.825	2.798	3.7	18.0
1 6	5 33.14	+19 38.7	1.871	2.806	7.6	18.2
1 16	5 26.60	+20 18.5	1.943	2.815	11.2	18.5
1 26	5 22.48	+20 58.0	2.038	2.823	14.2	18.7

306282 2011 SX_{24} 12 19.2 133°.44 0°.5/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.25	+22 11.2	1.806	2.649	13.6	21.6
11 27	6 9.86	+22 11.3	1.738	2.653	9.9	21.4
12 7	6 1.13	+22 11.6	1.693	2.656	5.6	21.1
12 17	5 50.95	+22 11.0	1.677	2.660	1.1	20.8
12 27	5 40.56	+22 9.3	1.690	2.664	3.7	21.0
1 6	5 31.21	+22 6.9	1.731	2.667	8.0	21.3
1 16	5 23.93	+22 5.2	1.798	2.670	11.9	21.5
1 26	5 19.38	+22 5.6	1.888	2.673	15.2	21.8

137492 1999 UM_{51} 12 19.2 11°.63 5°.4/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.91	+12 44.0	1.128	1.991	18.6	19.1
11 27	6 9.03	+12 22.5	1.072	1.992	14.0	18.8
12 7	6 0.99	+12 14.1	1.037	1.995	9.2	18.6
12 17	5 50.95	+12 21.0	1.024	1.998	5.6	18.4
12 27	5 40.60	+12 43.5	1.036	2.003	7.2	18.5
1 6	5 31.70	+13 19.9	1.072	2.008	11.7	18.8
1 16	5 25.58	+14 7.1	1.129	2.014	16.4	19.1
1 26	5 23.06	+15 1.4	1.206	2.021	20.3	19.3

371757 2007 FK_{37} 12 19.2 180°.36 1°.7/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.45	+29 2.2	2.810	3.635	9.8	22.2
11 27	6 8.01	+29 22.8	2.731	3.636	7.2	22.0
12 7	5 59.89	+29 39.5	2.680	3.636	4.3	21.8
12 17	5 50.74	+29 50.5	2.658	3.636	1.9	21.7
12 27	5 41.39	+29 54.9	2.667	3.636	3.1	21.7
1 6	5 32.70	+29 52.8	2.707	3.635	5.9	21.9
1 16	5 25.42	+29 45.7	2.776	3.634	8.7	22.1
1 26	5 20.10	+29 35.6	2.869	3.632	11.1	22.3

521874 2015 TH_{379} 12 19.2 24°.21 1°.1/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.57	+25 6.5	1.803	2.648	13.5	21.4
11 27	6 9.52	+25 35.0	1.733	2.649	9.8	21.2
12 7	6 1.02	+26 2.6	1.688	2.650	5.7	20.9
12 17	5 50.97	+26 26.3	1.670	2.652	1.5	20.6
12 27	5 40.61	+26 44.3	1.681	2.654	3.8	20.8
1 6	5 31.25	+26 56.2	1.720	2.656	8.1	21.1
1 16	5 23.98	+27 3.4	1.785	2.658	11.9	21.3
1 26	5 19.52	+27 7.9	1.872	2.660	15.2	21.5

177808 2005 MF_{2} 12 19.2 48°.28 1°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.93	+17 52.7	1.557	2.405	15.1	19.3
11 27	6 9.78	+18 24.8	1.505	2.422	11.0	19.1
12 7	6 1.13	+19 3.2	1.476	2.439	6.3	18.9
12 17	5 50.98	+19 45.5	1.474	2.456	1.8	18.6
12 27	5 40.69	+20 29.1	1.501	2.474	4.1	18.8
1 6	5 31.62	+21 11.9	1.555	2.493	8.6	19.1
1 16	5 24.83	+21 53.0	1.635	2.511	12.6	19.4
1 26	5 20.98	+22 32.2	1.736	2.530	16.0	19.7

270062 2001 OY_{86} 12 19.2 105°.95 4°.7/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.65	+11 26.2	1.679	2.510	15.0	20.9
11 27	6 10.73	+11 9.0	1.625	2.527	11.3	20.7
12 7	6 1.55	+11 2.1	1.595	2.545	7.5	20.5
12 17	5 51.04	+11 6.7	1.592	2.561	4.8	20.4
12 27	5 40.49	+11 22.9	1.617	2.578	5.9	20.5
1 6	5 31.10	+11 49.5	1.671	2.594	9.3	20.7
1 16	5 23.84	+12 24.7	1.750	2.609	12.9	21.0
1 26	5 19.32	+13 6.2	1.851	2.624	15.9	21.2

332222 2006 GA_{53} 12 19.2 163°.71 2°.5/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.11	+12 54.6	2.837	3.656	9.9	20.9
11 27	6 6.17	+13 7.1	2.762	3.660	7.4	20.8
12 7	5 58.81	+13 25.7	2.713	3.664	4.7	20.6
12 17	5 50.56	+13 50.3	2.694	3.667	2.6	20.5
12 27	5 42.15	+14 20.1	2.706	3.670	3.5	20.5
1 6	5 34.30	+14 54.3	2.750	3.673	6.1	20.7
1 16	5 27.64	+15 31.7	2.822	3.676	8.7	20.9
1 26	5 22.68	+16 11.5	2.919	3.678	11.0	21.0

210436 2008 YZ_{29} 12 19.2 285°.51 0°.5/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.96	+22 1.6	1.659	2.506	14.3	20.4
11 27	6 9.94	+22 4.0	1.585	2.502	10.5	20.2
12 7	6 1.33	+22 7.1	1.534	2.498	6.0	19.9
12 17	5 51.05	+22 9.7	1.510	2.493	1.2	19.5
12 27	5 40.41	+22 11.3	1.515	2.489	3.9	19.7
1 6	5 30.82	+22 12.1	1.547	2.485	8.7	20.0
1 16	5 23.43	+22 13.5	1.605	2.481	12.9	20.3
1 26	5 19.00	+22 16.9	1.684	2.476	16.5	20.5

288912 2004 RB_{356} 12 19.2 76°.31 4°.6/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.24	+35 38.8	2.091	2.916	12.7	21.1
11 27	6 10.63	+36 21.9	2.026	2.922	9.7	20.9
12 7	6 1.61	+36 55.7	1.985	2.929	6.7	20.7
12 17	5 51.09	+37 15.9	1.971	2.935	4.7	20.6
12 27	5 40.33	+37 20.3	1.987	2.942	5.5	20.7
1 6	5 30.62	+37 9.9	2.030	2.948	8.3	20.9
1 16	5 23.00	+36 47.8	2.100	2.955	11.2	21.1
1 26	5 18.18	+36 18.9	2.193	2.962	13.9	21.3

307876 2004 BR_{65} 12 19.2 32°.90 0°.0/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.27	+22 59.1	1.444	2.300	15.6	20.3
11 27	6 9.56	+23 9.9	1.388	2.310	11.3	20.0
12 7	6 1.11	+23 20.8	1.355	2.320	6.4	19.8
12 17	5 51.01	+23 30.2	1.348	2.332	1.2	19.5
12 27	5 40.74	+23 36.8	1.368	2.343	4.1	19.7
1 6	5 31.81	+23 41.1	1.415	2.356	9.0	20.0
1 16	5 25.35	+23 44.4	1.486	2.368	13.3	20.3
1 26	5 22.06	+23 48.3	1.578	2.382	16.9	20.6

77768 2001 QM 12 19.2 254°.72 2°.8/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.16	+13 50.2	2.434	3.262	11.0	19.2
11 27	6 5.73	+13 47.9	2.356	3.260	8.2	19.0
12 7	5 58.66	+13 51.6	2.304	3.258	5.2	18.8
12 17	5 50.57	+14 1.6	2.281	3.255	2.9	18.7
12 27	5 42.27	+14 18.0	2.288	3.253	4.0	18.7
1 6	5 34.60	+14 40.0	2.324	3.250	6.9	18.9
1 16	5 28.29	+15 7.1	2.388	3.248	9.8	19.1
1 26	5 23.90	+15 38.1	2.476	3.245	12.4	19.3

495683 2016 BN_{38} 12 19.2 208°.02 1°.4/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 12.19	+17 40.5	2.484	3.316	10.7	21.6
11 27	6 6.49	+17 54.0	2.405	3.314	7.8	21.4
12 7	5 59.10	+18 11.3	2.353	3.312	4.6	21.2
12 17	5 50.65	+18 31.8	2.329	3.310	1.6	20.9
12 27	5 41.98	+18 54.7	2.337	3.308	3.1	21.1
1 6	5 33.93	+19 19.2	2.374	3.306	6.4	21.3
1 16	5 27.26	+19 45.1	2.440	3.304	9.5	21.5
1 26	5 22.55	+20 12.0	2.529	3.301	12.1	21.6

232951 2005 EF_{10} 12 19.2 320°.12 8°.9/19.7 18

11 17	6 19.95	+47 41.9	2.028	2.817	14.3	19.8
11 27	6 13.31	+48 32.1	1.947	2.802	12.1	19.6
12 7	6 3.46	+49 4.4	1.889	2.788	10.1	19.5
12 17	5 51.47	+49 12.0	1.855	2.773	8.9	19.4
12 27	5 39.01	+48 51.2	1.847	2.760	9.3	19.4
1 6	5 27.84	+48 3.6	1.865	2.746	11.0	19.4
1 16	5 19.40	+46 55.1	1.907	2.733	13.4	19.6
1 26	5 14.56	+45 33.8	1.970	2.721	15.8	19.7

477829 2011 EJ_{67} 12 19.2 258°.74 0°.1/19.2 18

11 17	6 18.32	+23 53.2	1.636	2.481	14.6	21.5
11 27	6 11.88	+23 52.2	1.549	2.466	10.8	21.2
12 7	6 2.58	+23 49.6	1.487	2.450	6.2	20.9
12 17	5 51.33	+23 43.8	1.451	2.434	1.1	20.5
12 27	5 39.53	+23 34.2	1.444	2.418	4.1	20.7
1 6	5 28.73	+23 21.8	1.464	2.401	9.1	20.9
1 16	5 20.24	+23 9.0	1.511	2.385	13.7	21.2
1 26	5 14.95	+22 58.4	1.578	2.367	17.5	21.4

481836 2008 VW_{78} 12 19.2 59°.50 1°.1/19.4 17

11 17	6 25.98	+29 42.9	1.414	2.254	16.8	19.5
11 27	6 16.64	+28 47.8	1.382	2.294	12.1	19.3
12 7	6 4.67	+27 42.9	1.373	2.334	6.9	19.1
12 17	5 51.58	+26 29.5	1.391	2.374	1.7	18.9
12 27	5 39.13	+25 11.6	1.439	2.413	4.2	19.2
1 6	5 28.78	+23 55.4	1.516	2.453	8.9	19.6
1 16	5 21.43	+22 46.4	1.618	2.491	13.0	19.9
1 26	5 17.45	+21 48.1	1.743	2.529	16.2	20.2

296139 2009 BB_{91} 12 19.2 202°.39 1°.2/19.2 18

11 17	6 17.05	+26 40.9	2.035	2.871	12.5	21.2
11 27	6 10.39	+26 47.3	1.957	2.868	9.2	21.0
12 7	6 1.46	+26 50.2	1.904	2.865	5.3	20.7
12 17	5 51.10	+26 47.7	1.880	2.862	1.5	20.5
12 27	5 40.46	+26 39.1	1.885	2.858	3.5	20.6
1 6	5 30.76	+26 25.3	1.920	2.854	7.5	20.8
1 16	5 22.98	+26 8.6	1.981	2.849	11.2	21.1
1 26	5 17.83	+25 51.6	2.066	2.844	14.3	21.3

276445 2003 EF_{39} 12 19.2 329°.99 1°.2/19.0 17

11 17	6 15.31	+23 2.6	1.659	2.508	14.3	19.9
11 27	6 9.71	+24 1.6	1.580	2.498	10.4	19.6
12 7	6 1.37	+25 4.3	1.525	2.488	6.0	19.4
12 17	5 51.12	+26 6.6	1.497	2.479	1.5	19.0
12 27	5 40.28	+27 3.9	1.497	2.471	4.1	19.2
1 6	5 30.32	+27 53.6	1.526	2.463	8.8	19.5
1 16	5 22.53	+28 35.2	1.580	2.455	13.1	19.7
1 26	5 17.82	+29 10.0	1.656	2.449	16.7	19.9

132770 2002 PN_{93} 12 19.2 103°.19 2°.0/19.6 18

11 17	6 15.98	+31 30.9	2.428	3.254	11.1	19.0
11 27	6 9.16	+31 12.2	2.360	3.264	8.2	18.8
12 7	6 0.54	+30 46.0	2.318	3.274	5.0	18.6
12 17	5 50.90	+30 11.3	2.305	3.284	2.2	18.4
12 27	5 41.27	+29 28.8	2.323	3.293	3.3	18.5
1 6	5 32.59	+28 40.9	2.372	3.303	6.5	18.8
1 16	5 25.65	+27 50.9	2.449	3.312	9.5	19.0
1 26	5 20.96	+27 2.1	2.550	3.322	12.1	19.2

404122 2013 AH_{74} 12 19.2 282°.14 0°.1/19.2 17

11 17	6 16.01	+21 39.7	1.805	2.648	13.6	21.7
11 27	6 10.07	+22 2.9	1.712	2.627	10.0	21.4
12 7	6 1.53	+22 28.8	1.643	2.606	5.7	21.1
12 17	5 51.16	+22 55.4	1.602	2.586	1.1	20.7
12 27	5 40.16	+23 20.7	1.590	2.565	3.8	20.9
1 6	5 29.91	+23 43.6	1.607	2.544	8.5	21.1
1 16	5 21.64	+24 4.3	1.650	2.522	12.8	21.3
1 26	5 16.23	+24 24.0	1.714	2.501	16.4	21.5

336666 2009 YR_{17} 12 19.2 252°.93 1°.4/19.4 18

11 17	6 14.84	+29 50.9	2.706	3.531	10.1	20.9
11 27	6 8.38	+29 33.7	2.611	3.515	7.5	20.7
12 7	6 0.17	+29 10.2	2.542	3.499	4.5	20.4
12 17	5 50.87	+28 39.6	2.503	3.483	1.7	20.2
12 27	5 41.35	+28 2.2	2.495	3.467	3.0	20.3
1 6	5 32.53	+27 19.6	2.519	3.450	6.1	20.5
1 16	5 25.17	+26 34.7	2.571	3.433	9.2	20.6
1 26	5 19.87	+25 50.4	2.648	3.415	11.8	20.8

92062 1999 WJ_{10} 12 19.2 49°.22 4°.7/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 12.41	+11 44.0	1.950	2.783	13.1	19.6
11 27	6 6.82	+10 59.7	1.888	2.790	10.0	19.5
12 7	5 59.33	+10 23.1	1.849	2.797	6.8	19.3
12 17	5 50.71	+ 9 56.6	1.838	2.804	4.8	19.2
12 27	5 41.98	+ 9 41.9	1.856	2.812	5.8	19.3
1 6	5 34.13	+ 9 39.5	1.901	2.819	8.7	19.4
1 16	5 28.01	+ 9 48.7	1.972	2.827	11.8	19.7
1 26	5 24.16	+10 7.9	2.065	2.835	14.6	19.9

513718 2012 SE_{66} 12 19.2 117°.61 1°.8/19.3 18

11 17	6 21.50	+28 29.3	1.834	2.667	13.8	21.7
11 27	6 13.55	+28 37.1	1.778	2.686	10.1	21.5
12 7	6 3.17	+28 39.0	1.746	2.705	5.9	21.3
12 17	5 51.41	+28 32.5	1.743	2.724	2.1	21.1
12 27	5 39.63	+28 17.3	1.769	2.741	3.9	21.3
1 6	5 29.18	+27 55.2	1.825	2.758	8.0	21.6
1 16	5 21.07	+27 29.6	1.908	2.774	11.6	21.8
1 26	5 15.90	+27 3.9	2.013	2.789	14.7	22.1

101486 1998 WJ_{38} 12 19.2 31°.83 1°.9/19.2 17

11 17	6 14.39	+27 32.2	2.026	2.866	12.4	19.8
11 27	6 8.49	+28 3.5	1.957	2.870	9.1	19.6
12 7	6 0.40	+28 31.8	1.914	2.874	5.4	19.3
12 17	5 50.93	+28 54.2	1.898	2.878	2.1	19.1
12 27	5 41.21	+29 9.1	1.912	2.883	3.8	19.3
1 6	5 32.42	+29 16.4	1.955	2.888	7.5	19.5
1 16	5 25.50	+29 17.6	2.024	2.893	10.9	19.7
1 26	5 21.14	+29 15.2	2.116	2.899	13.8	19.9

289086 2004 TT_{252} 12 19.2 99°.42 0°.3/19.2 18

11 17	6 13.99	+22 45.7	2.131	2.970	11.9	20.9
11 27	6 7.97	+22 43.8	2.061	2.975	8.6	20.7
12 7	6 0.00	+22 41.5	2.017	2.980	4.9	20.5
12 17	5 50.85	+22 37.9	2.001	2.985	0.9	20.2
12 27	5 41.54	+22 33.1	2.016	2.990	3.2	20.4
1 6	5 33.10	+22 27.5	2.060	2.995	7.0	20.7
1 16	5 26.38	+22 22.4	2.130	3.000	10.4	20.9
1 26	5 21.98	+22 19.0	2.224	3.004	13.3	21.1

49895 1999 XK_{160} 12 19.2 241°.49 1°.9/19.0 18

11 17	6 17.56	+20 15.0	1.550	2.397	15.2	19.3
11 27	6 11.19	+19 46.1	1.475	2.392	11.1	19.0
12 7	6 2.10	+19 17.8	1.424	2.387	6.5	18.8
12 17	5 51.26	+18 50.8	1.400	2.382	2.2	18.5
12 27	5 40.08	+18 26.4	1.404	2.376	4.6	18.6
1 6	5 30.05	+18 6.6	1.435	2.371	9.4	18.9
1 16	5 22.38	+17 53.1	1.491	2.365	13.8	19.1
1 26	5 17.83	+17 47.1	1.568	2.359	17.6	19.4

230285 2001 XE_{225} 12 19.2 17°.30 1°.4/19.2 18

11 17	6 15.52	+25 46.5	1.181	2.048	17.6	19.8
11 27	6 10.33	+26 2.9	1.127	2.053	12.8	19.6
12 7	6 1.82	+26 16.5	1.093	2.059	7.4	19.3
12 17	5 51.22	+26 24.2	1.083	2.065	2.0	19.0
12 27	5 40.35	+26 24.4	1.098	2.073	4.8	19.2
1 6	5 31.10	+26 18.2	1.138	2.082	10.3	19.5
1 16	5 24.82	+26 8.6	1.201	2.091	15.2	19.8
1 26	5 22.31	+25 58.9	1.283	2.102	19.2	20.1

46002 2001 CB_{3} 12 19.2 209°.60 4°.8/19.4 18

11 17	6 22.08	+34 18.3	1.592	2.426	15.5	19.5
11 27	6 14.82	+34 50.7	1.520	2.423	11.8	19.2
12 7	6 4.31	+35 12.5	1.470	2.420	7.9	19.0
12 17	5 51.68	+35 18.1	1.446	2.417	5.0	18.8
12 27	5 38.63	+35 4.7	1.450	2.413	6.2	18.9
1 6	5 26.97	+34 34.3	1.482	2.409	10.0	19.1
1 16	5 18.12	+33 52.2	1.538	2.404	13.9	19.3
1 26	5 12.95	+33 5.5	1.615	2.399	17.4	19.6

231044 2005 GG_{2} 12 19.2 309°.05 3°.2/18.8 18

11 17	6 15.09	+29 44.7	2.057	2.894	12.4	19.7
11 27	6 9.33	+30 43.4	1.966	2.874	9.3	19.5
12 7	6 1.10	+31 39.9	1.900	2.855	5.9	19.2
12 17	5 51.11	+32 29.6	1.861	2.837	3.3	19.0
12 27	5 40.50	+33 8.8	1.853	2.818	4.7	19.1
1 6	5 30.56	+33 36.0	1.873	2.800	8.2	19.3
1 16	5 22.47	+33 52.1	1.919	2.782	11.7	19.5
1 26	5 17.11	+34 0.0	1.988	2.764	14.8	19.6

100467 1996 TD_{19} 12 19.2 71°.22 1°.2/19.2 18

11 17	6 22.09	+25 35.8	1.275	2.128	17.5	19.6
11 27	6 14.59	+25 49.8	1.233	2.152	12.6	19.4
12 7	6 3.95	+26 0.5	1.213	2.177	7.2	19.1
12 17	5 51.56	+26 4.5	1.218	2.201	1.8	18.9
12 27	5 39.28	+26 1.0	1.251	2.226	4.6	19.1
1 6	5 28.85	+25 51.6	1.310	2.250	9.7	19.5
1 16	5 21.47	+25 39.8	1.394	2.274	14.2	19.8
1 26	5 17.74	+25 28.7	1.498	2.297	17.8	20.1

431784 2008 *MF* 12 19.2 167°.86 2°.6/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.00	+16 4.1	1.815	2.649	13.9	21.7
11 27	6 11.12	+16 4.8	1.744	2.653	10.3	21.5
12 7	6 1.91	+16 11.4	1.698	2.656	6.2	21.3
12 17	5 51.23	+16 23.7	1.680	2.659	2.8	21.0
12 27	5 40.28	+16 41.1	1.692	2.661	4.5	21.2
1 6	5 30.33	+17 3.0	1.733	2.663	8.5	21.4
1 16	5 22.40	+17 28.7	1.799	2.664	12.3	21.6
1 26	5 17.17	+17 57.8	1.889	2.665	15.5	21.9

223442 2003 SH_{297} 12 19.2 41°.08 2°.7/19.0 17

11 17	6 12.28	+16 1.4	2.131	2.967	12.0	20.1
11 27	6 6.71	+15 43.3	2.060	2.969	8.9	19.9
12 7	5 59.29	+15 29.5	2.014	2.971	5.5	19.7
12 17	5 50.74	+15 20.9	1.996	2.973	2.8	19.6
12 27	5 42.02	+15 18.1	2.007	2.975	4.2	19.7
1 6	5 34.08	+15 21.3	2.048	2.976	7.5	19.9
1 16	5 27.75	+15 30.5	2.115	2.979	10.8	20.1
1 26	5 23.60	+15 45.0	2.205	2.981	13.6	20.3

252688 2002 BV_{13} 12 19.2 330°.58 1°.4/19.1 17

11 17	6 12.14	+20 29.7	1.581	2.436	14.5	20.2
11 27	6 7.38	+20 16.8	1.499	2.420	10.7	20.0
12 7	6 0.02	+20 5.4	1.440	2.404	6.2	19.7
12 17	5 50.92	+19 55.6	1.407	2.389	1.8	19.4
12 27	5 41.35	+19 48.0	1.401	2.375	4.3	19.5
1 6	5 32.72	+19 43.2	1.422	2.361	9.1	19.7
1 16	5 26.22	+19 42.5	1.467	2.349	13.5	20.0
1 26	5 22.68	+19 46.6	1.533	2.337	17.3	20.2

40527 1999 RS_{98} 12 19.2 155°.17 3°.7/19.3 18

11 17	6 19.69	+32 37.4	1.967	2.795	13.2	19.6
11 27	6 12.48	+33 12.3	1.898	2.800	9.9	19.4
12 7	6 2.73	+33 39.5	1.853	2.805	6.4	19.2
12 17	5 51.39	+33 55.0	1.837	2.809	3.8	19.0
12 27	5 39.77	+33 56.6	1.850	2.813	5.0	19.1
1 6	5 29.27	+33 45.3	1.892	2.817	8.3	19.3
1 16	5 20.98	+33 24.3	1.960	2.820	11.6	19.5
1 26	5 15.63	+32 58.2	2.051	2.823	14.6	19.7

159268 2005 YA_{201} 12 19.2 236°.24 0°.1/19.2 18

11 17	6 13.57	+22 49.5	2.305	3.141	11.3	20.9
11 27	6 7.67	+22 56.0	2.224	3.136	8.2	20.7
12 7	5 59.87	+23 2.4	2.168	3.130	4.7	20.5
12 17	5 50.87	+23 7.7	2.141	3.124	0.9	20.2
12 27	5 41.60	+23 11.2	2.144	3.118	3.0	20.3
1 6	5 33.05	+23 13.3	2.177	3.112	6.7	20.6
1 16	5 26.06	+23 14.6	2.238	3.106	10.1	20.8
1 26	5 21.28	+23 16.5	2.322	3.099	12.9	20.9

518235 2016 UU_{14} 12 19.2 351°.67 5°.2/18.9 18

11 17	6 16.46	+31 21.4	1.198	2.059	17.8	21.1
11 27	6 11.50	+32 26.4	1.134	2.054	13.4	20.8
12 7	6 2.79	+33 25.4	1.090	2.049	8.7	20.5
12 17	5 51.47	+34 10.3	1.071	2.045	5.3	20.3
12 27	5 39.51	+34 35.4	1.076	2.042	7.1	20.4
1 6	5 29.06	+34 40.3	1.105	2.040	11.6	20.7
1 16	5 21.85	+34 29.4	1.157	2.040	16.2	20.9
1 26	5 18.87	+34 9.2	1.227	2.040	20.2	21.2

173790 2001 SO_{113} 12 19.2 198°.77 1°.7/19.3 18

11 17	6 16.50	+28 26.4	2.193	3.026	11.9	20.5
11 27	6 9.90	+28 35.2	2.115	3.024	8.7	20.3
12 7	6 1.18	+28 39.4	2.062	3.021	5.2	20.1
12 17	5 51.12	+28 36.9	2.038	3.018	1.9	19.9
12 27	5 40.82	+28 27.0	2.044	3.015	3.5	20.0
1 6	5 31.39	+28 10.8	2.079	3.012	7.2	20.2
1 16	5 23.78	+27 50.4	2.142	3.008	10.6	20.4
1 26	5 18.65	+27 28.8	2.228	3.003	13.5	20.6

354633 2005 GD_{53} 12 19.2 215°.23 5°.2/18.9 18

11 17	6 20.14	+36 28.1	2.130	2.948	12.7	21.1
11 27	6 12.96	+37 26.2	2.051	2.942	9.9	20.9
12 7	6 3.13	+38 15.5	1.997	2.937	7.0	20.8
12 17	5 51.50	+38 50.5	1.971	2.930	5.2	20.6
12 27	5 39.39	+39 7.8	1.974	2.924	6.1	20.7
1 6	5 28.20	+39 7.4	2.006	2.917	8.8	20.8
1 16	5 19.15	+38 52.4	2.064	2.910	11.8	21.0
1 26	5 13.08	+38 28.0	2.144	2.902	14.5	21.2

24436 2000 ES_{56} 12 19.2 65°.74 3°.8/19.3 18

11 17	6 19.09	+14 34.3	1.341	2.188	17.1	17.3
11 27	6 12.10	+14 23.1	1.301	2.215	12.6	17.1
12 7	6 2.43	+14 21.1	1.284	2.242	7.8	16.9
12 17	5 51.32	+14 28.8	1.292	2.269	4.0	16.8
12 27	5 40.32	+14 45.5	1.328	2.296	5.7	17.0
1 6	5 30.89	+15 10.0	1.390	2.323	9.9	17.3
1 16	5 24.07	+15 40.9	1.476	2.349	14.0	17.6
1 26	5 20.46	+16 16.3	1.583	2.376	17.3	17.9

316361 2010 SM_2 12 19.2 115°.65 0°.0/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.73	+23 40.8	2.173	3.008	11.9	21.3
11 27	6 9.14	+23 36.8	2.110	3.021	8.6	21.1
12 7	6 0.63	+23 31.4	2.072	3.034	4.9	20.9
12 17	5 51.01	+23 23.9	2.063	3.046	0.9	20.6
12 27	5 41.31	+23 14.1	2.085	3.058	3.1	20.8
1 6	5 32.54	+23 3.1	2.136	3.070	6.9	21.1
1 16	5 25.54	+22 52.2	2.214	3.081	10.2	21.3
1 26	5 20.86	+22 43.1	2.317	3.092	13.0	21.5

95635 2002 GC_{51} 12 19.2 207°.60 0°.7/19.2 17

11 17	6 13.53	+21 1.6	2.204	3.041	11.7	20.0
11 27	6 7.66	+21 4.2	2.127	3.040	8.5	19.8
12 7	5 59.88	+21 8.0	2.077	3.039	4.8	19.6
12 17	5 50.89	+21 12.2	2.054	3.037	1.1	19.3
12 27	5 41.68	+21 16.5	2.062	3.036	3.2	19.5
1 6	5 33.23	+21 20.9	2.100	3.034	6.9	19.7
1 16	5 26.41	+21 26.2	2.164	3.033	10.4	19.9
1 26	5 21.82	+21 33.0	2.253	3.031	13.2	20.1

520659 2014 QY_{277} 12 19.2 168°.17 1°.8/19.2 18

11 17	6 14.38	+17 28.9	2.297	3.128	11.5	22.2
11 27	6 8.14	+17 28.5	2.223	3.131	8.4	22.0
12 7	6 0.10	+17 31.7	2.175	3.134	5.0	21.8
12 17	5 50.93	+17 38.3	2.156	3.136	2.0	21.6
12 27	5 41.57	+17 47.9	2.168	3.138	3.5	21.7
1 6	5 32.96	+18 0.5	2.209	3.140	6.9	21.9
1 16	5 25.90	+18 15.8	2.278	3.141	10.1	22.1
1 26	5 20.98	+18 33.9	2.371	3.142	12.9	22.3

172123 2002 GQ_{168} 12 19.2 134°.83 0°.3/19.2 18

11 17	6 20.04	+23 19.9	1.494	2.341	15.7	20.5
11 27	6 13.00	+23 9.8	1.431	2.348	11.4	20.2
12 7	6 3.12	+22 58.1	1.391	2.354	6.5	20.0
12 17	5 51.49	+22 43.8	1.377	2.361	1.2	19.6
12 27	5 39.68	+22 27.1	1.392	2.366	4.2	19.9
1 6	5 29.24	+22 9.8	1.434	2.372	9.2	20.2
1 16	5 21.38	+21 54.3	1.502	2.377	13.6	20.4
1 26	5 16.82	+21 42.9	1.590	2.382	17.3	20.7

269890 2000 GA_{48} 12 19.2 242°.53 0°.3/19.2 17

11 17	6 12.83	+24 14.5	2.591	3.423	10.3	21.5
11 27	6 7.01	+24 18.9	2.503	3.414	7.5	21.3
12 7	5 59.47	+24 22.2	2.442	3.404	4.3	21.1
12 17	5 50.83	+24 23.3	2.410	3.394	0.8	20.8
12 27	5 41.93	+24 21.7	2.410	3.383	2.8	20.9
1 6	5 33.66	+24 17.8	2.439	3.373	6.2	21.2
1 16	5 26.78	+24 12.7	2.497	3.362	9.3	21.3
1 26	5 21.88	+24 7.8	2.578	3.351	11.9	21.5

452025 2014 OS_{135} 12 19.2 227°.32 0°.4/19.2 18

11 17	6 15.10	+21 31.4	1.948	2.788	12.8	21.1
11 27	6 9.05	+21 45.4	1.872	2.787	9.3	20.9
12 7	6 0.78	+22 0.9	1.822	2.785	5.3	20.7
12 17	5 51.09	+22 16.6	1.800	2.783	1.0	20.4
12 27	5 41.10	+22 31.2	1.807	2.781	3.5	20.5
1 6	5 31.98	+22 44.5	1.843	2.779	7.6	20.8
1 16	5 24.72	+22 56.9	1.906	2.777	11.4	21.0
1 26	5 20.03	+23 9.5	1.992	2.775	14.6	21.2

487490 2014 SV_{265} 12 19.2 340°.61 2°.8/18.8 17

11 17	6 13.41	+17 19.0	2.078	2.915	12.3	20.2
11 27	6 7.56	+16 31.9	2.004	2.914	9.1	20.0
12 7	5 59.81	+15 46.8	1.956	2.913	5.6	19.8
12 17	5 50.91	+15 5.6	1.936	2.913	2.9	19.7
12 27	5 41.85	+14 30.3	1.946	2.912	4.4	19.8
1 6	5 33.65	+14 2.6	1.985	2.911	7.8	20.0
1 16	5 27.12	+13 43.7	2.050	2.911	11.2	20.2
1 26	5 22.85	+13 33.7	2.138	2.911	14.1	20.4

196438 2003 HM_{33} 12 19.2 168°.28 0°.8/19.2 18

11 17	6 17.64	+21 8.3	2.003	2.837	12.8	22.0
11 27	6 10.74	+21 8.2	1.930	2.841	9.3	21.8
12 7	6 1.67	+21 9.0	1.884	2.845	5.3	21.6
12 17	5 51.25	+21 9.7	1.865	2.848	1.2	21.3
12 27	5 40.62	+21 10.1	1.877	2.850	3.5	21.5
1 6	5 30.93	+21 10.6	1.919	2.852	7.6	21.7
1 16	5 23.13	+21 12.0	1.987	2.854	11.2	22.0
1 26	5 17.88	+21 15.5	2.079	2.854	14.3	22.2

342483 2008 UP_{150} 12 19.2 200°.28 0°.6/19.2 18

11 17	6 17.56	+21 26.4	1.976	2.811	12.9	21.6
11 27	6 10.81	+21 28.7	1.897	2.808	9.4	21.4
12 7	6 1.78	+21 31.8	1.843	2.805	5.4	21.1
12 17	5 51.30	+21 34.6	1.817	2.800	1.2	20.8
12 27	5 40.50	+21 36.7	1.822	2.795	3.5	21.0
1 6	5 30.60	+21 38.3	1.856	2.790	7.7	21.2
1 16	5 22.59	+21 40.4	1.917	2.784	11.5	21.4
1 26	5 17.20	+21 44.3	2.001	2.778	14.7	21.6

449618 2014 JT_{78} 12 19.2 207°.54 0°.6/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.20	+24 53.4	2.324	3.154	11.4	22.1
11 27	6 10.35	+25 6.3	2.239	3.148	8.3	21.9
12 7	6 1.46	+25 17.6	2.180	3.141	4.8	21.7
12 17	5 51.24	+25 25.5	2.150	3.133	1.1	21.4
12 27	5 40.71	+25 29.1	2.151	3.125	3.1	21.6
1 6	5 30.92	+25 28.6	2.183	3.115	6.9	21.8
1 16	5 22.80	+25 25.4	2.243	3.106	10.3	22.0
1 26	5 17.00	+25 21.3	2.327	3.095	13.2	22.2

364859 2008 DG_{16} 12 19.2 293°.67 4°.8/18.9 17

11 17	6 12.91	+11 19.2	1.856	2.690	13.7	21.1
11 27	6 7.55	+10 51.4	1.772	2.675	10.5	20.8
12 7	5 59.99	+10 32.3	1.712	2.661	7.2	20.6
12 17	5 50.99	+10 24.0	1.679	2.646	4.9	20.5
12 27	5 41.59	+10 27.8	1.674	2.632	6.0	20.5
1 6	5 32.94	+10 43.9	1.696	2.618	9.3	20.7
1 16	5 26.05	+11 11.1	1.744	2.604	12.9	20.8
1 26	5 21.65	+11 47.4	1.813	2.590	16.0	21.0

110258 2001 SW_{241} 12 19.2 47°.59 0°.5/19.2 18

11 17	6 14.91	+21 54.9	1.772	2.618	13.6	19.8
11 27	6 8.98	+21 57.0	1.708	2.624	9.9	19.6
12 7	6 0.75	+21 59.8	1.667	2.630	5.6	19.4
12 17	5 51.11	+22 2.4	1.654	2.637	1.1	19.1
12 27	5 41.28	+22 4.2	1.669	2.643	3.6	19.3
1 6	5 32.50	+22 5.6	1.713	2.650	8.0	19.5
1 16	5 25.75	+22 7.6	1.782	2.657	11.9	19.8
1 26	5 21.71	+22 11.4	1.874	2.664	15.1	20.0

515121 2011 EX_{67} 12 19.2 257°.24 0°.4/19.2 18

11 17	6 18.03	+22 31.8	1.600	2.446	14.9	21.7
11 27	6 11.71	+22 28.6	1.518	2.434	10.9	21.4
12 7	6 2.55	+22 25.3	1.459	2.422	6.3	21.1
12 17	5 51.48	+22 20.5	1.426	2.409	1.2	20.8
12 27	5 39.90	+22 13.8	1.422	2.396	4.1	20.9
1 6	5 29.36	+22 6.2	1.446	2.383	9.2	21.2
1 16	5 21.13	+21 59.5	1.495	2.370	13.7	21.4
1 26	5 16.08	+21 55.7	1.565	2.356	17.5	21.7

353098 2009 EX_{14} 12 19.2 6°.54 3°.8/19.2 17

11 17	6 12.70	+15 22.0	1.300	2.160	16.7	20.6
11 27	6 7.96	+15 5.7	1.240	2.161	12.5	20.4
12 7	6 0.41	+14 57.9	1.201	2.162	7.8	20.1
12 17	5 51.08	+14 59.9	1.187	2.164	4.0	19.9
12 27	5 41.45	+15 12.1	1.198	2.168	5.8	20.0
1 6	5 33.07	+15 33.6	1.234	2.172	10.3	20.3
1 16	5 27.16	+16 3.1	1.294	2.178	14.8	20.6
1 26	5 24.47	+16 38.7	1.373	2.184	18.6	20.8

177147 2003 QM_{79} 12 19.2 65°.96 5°.0/19.6 18

11 17	6 23.99	+33 47.1	1.222	2.070	18.4	19.8
11 27	6 16.40	+34 16.7	1.179	2.090	13.8	19.5
12 7	6 5.19	+34 33.0	1.157	2.111	8.9	19.3
12 17	5 51.91	+34 30.1	1.159	2.132	5.3	19.2
12 27	5 38.73	+34 6.7	1.188	2.154	6.6	19.3
1 6	5 27.68	+33 26.9	1.242	2.175	10.8	19.6
1 16	5 20.11	+32 38.4	1.319	2.196	15.0	19.9
1 26	5 16.63	+31 48.4	1.416	2.217	18.6	20.2

63910 2001 SQ_{30} 12 19.2 334°.81 0°.2/19.2 18

11 17	6 13.93	+22 32.0	1.642	2.494	14.3	19.1
11 27	6 8.60	+22 38.8	1.567	2.486	10.4	18.8
12 7	6 0.71	+22 46.2	1.515	2.479	6.0	18.5
12 17	5 51.14	+22 53.0	1.489	2.472	1.1	18.2
12 27	5 41.17	+22 58.2	1.491	2.466	3.9	18.4
1 6	5 32.20	+23 2.0	1.521	2.460	8.6	18.7
1 16	5 25.38	+23 5.5	1.575	2.455	12.9	18.9
1 26	5 21.49	+23 10.2	1.651	2.450	16.4	19.1

102715 1999 VZ_{93} 12 19.2 12°.12 8°.2/18.7 18

11 17	6 22.27	+40 39.5	1.651	2.470	15.7	19.3
11 27	6 15.36	+42 10.1	1.586	2.471	12.7	19.1
12 7	6 4.88	+43 27.2	1.545	2.471	9.8	18.9
12 17	5 51.94	+44 21.7	1.529	2.472	8.3	18.9
12 27	5 38.35	+44 47.8	1.539	2.473	9.1	18.9
1 6	5 26.14	+44 45.7	1.576	2.474	11.6	19.1
1 16	5 16.94	+44 21.1	1.635	2.475	14.6	19.3
1 26	5 11.73	+43 42.1	1.715	2.477	17.4	19.5

163062 2001 YC_{105} 12 19.2 35°.93 1°.9/19.3 18

11 17	6 17.36	+18 51.9	1.018	1.889	19.5	19.2
11 27	6 11.83	+19 1.7	0.972	1.899	14.2	18.9
12 7	6 2.76	+19 18.4	0.945	1.911	8.2	18.7
12 17	5 51.51	+19 40.2	0.941	1.924	2.4	18.4
12 27	5 40.08	+20 5.2	0.962	1.937	5.4	18.6
1 6	5 30.47	+20 31.8	1.007	1.951	11.2	19.0
1 16	5 24.09	+20 59.8	1.073	1.966	16.3	19.3
1 26	5 21.70	+21 29.0	1.158	1.981	20.5	19.6

269174 2008 FY_{75} 12 19.2 171°.33 3°.1/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.32	+15 9.1	1.804	2.636	14.1	21.1
11 27	6 11.39	+14 58.7	1.733	2.640	10.4	20.9
12 7	6 2.12	+14 54.6	1.687	2.643	6.5	20.6
12 17	5 51.39	+14 57.2	1.669	2.645	3.3	20.4
12 27	5 40.41	+15 6.5	1.680	2.647	4.8	20.6
1 6	5 30.43	+15 22.3	1.719	2.648	8.7	20.8
1 16	5 22.46	+15 44.0	1.786	2.648	12.5	21.0
1 26	5 17.22	+16 10.8	1.874	2.648	15.7	21.2

283271 2011 HS_{18} 12 19.2 165°.81 2°.7/19.2 18

11 17	6 17.33	+15 19.4	2.038	2.866	12.8	21.8
11 27	6 10.46	+15 18.4	1.966	2.871	9.5	21.6
12 7	6 1.51	+15 23.2	1.920	2.876	5.8	21.4
12 17	5 51.28	+15 33.7	1.903	2.880	2.8	21.2
12 27	5 40.83	+15 49.6	1.915	2.883	4.2	21.3
1 6	5 31.25	+16 10.3	1.958	2.886	7.8	21.5
1 16	5 23.47	+16 35.2	2.027	2.888	11.3	21.7
1 26	5 18.11	+17 3.6	2.120	2.889	14.3	21.9

393195 2013 CJ_{173} 12 19.2 88°.99 0°.4/19.2 18

11 17	6 16.15	+24 27.8	1.823	2.666	13.5	20.8
11 27	6 9.88	+24 29.0	1.755	2.671	9.8	20.6
12 7	6 1.28	+24 28.4	1.712	2.675	5.6	20.4
12 17	5 51.24	+24 24.6	1.697	2.680	1.1	20.1
12 27	5 41.00	+24 17.1	1.710	2.685	3.6	20.3
1 6	5 31.82	+24 7.1	1.752	2.689	7.9	20.5
1 16	5 24.71	+23 56.3	1.820	2.694	11.7	20.8
1 26	5 20.33	+23 46.9	1.911	2.698	15.0	21.0

84125 2002 RL_{35} 12 19.2 137°.68 5°.4/19.5 18

11 17	6 22.03	+39 53.6	2.429	3.229	11.9	19.6
11 27	6 13.92	+40 39.3	2.367	3.244	9.4	19.4
12 7	6 3.49	+41 13.2	2.330	3.257	6.9	19.3
12 17	5 51.64	+41 30.9	2.322	3.270	5.4	19.2
12 27	5 39.62	+41 30.3	2.343	3.283	6.0	19.3
1 6	5 28.68	+41 12.7	2.394	3.295	8.0	19.4
1 16	5 19.83	+40 42.0	2.471	3.306	10.4	19.6
1 26	5 13.72	+40 3.3	2.572	3.316	12.7	19.8

120304 2004 JP_{43} 12 19.2 186°.18 1°.1/19.2 18

11 17	6 18.32	+20 37.0	1.923	2.758	13.2	21.5
11 27	6 11.36	+20 28.7	1.847	2.758	9.6	21.3
12 7	6 2.10	+20 21.3	1.796	2.758	5.6	21.0
12 17	5 51.40	+20 14.4	1.774	2.756	1.5	20.7
12 27	5 40.44	+20 8.0	1.782	2.755	3.7	20.9
1 6	5 30.44	+20 2.9	1.819	2.752	7.9	21.2
1 16	5 22.40	+20 0.1	1.883	2.749	11.8	21.4
1 26	5 17.03	+20 0.8	1.970	2.745	15.0	21.6

253384 2003 KQ_3 12 19.2 159°.25 1°.6/19.3 17 R

11 17	6 22.90	+27 49.5	1.696	2.531	14.7	21.3
11 27	6 14.93	+27 50.4	1.628	2.538	10.8	21.1
12 7	6 4.20	+27 45.6	1.585	2.545	6.3	20.8
12 17	5 51.78	+27 32.4	1.569	2.551	2.0	20.5
12 27	5 39.20	+27 10.4	1.584	2.556	4.1	20.7
1 6	5 27.95	+26 42.0	1.627	2.561	8.6	21.0
1 16	5 19.22	+26 10.8	1.696	2.564	12.7	21.2
1 26	5 13.70	+25 41.0	1.787	2.567	16.1	21.5

15155 Ahn 12 19.2 0°.56 4°.2/19.2 18

11 17	6 15.36	+14 22.5	1.355	2.207	16.7	17.9
11 27	6 9.85	+14 3.7	1.291	2.207	12.5	17.6
12 7	6 1.49	+13 54.1	1.248	2.206	7.9	17.4
12 17	5 51.31	+13 55.0	1.230	2.206	4.4	17.2
12 27	5 40.79	+14 7.0	1.238	2.206	6.0	17.3
1 6	5 31.48	+14 29.4	1.273	2.207	10.5	17.5
1 16	5 24.64	+15 0.7	1.330	2.208	14.9	17.8
1 26	5 21.05	+15 38.9	1.408	2.209	18.7	18.0

266934 2010 NT_{37} 12 19.2 123°.93 1°.4/19.1 18

11 17	6 15.25	+19 37.2	2.186	3.020	11.9	21.6
11 27	6 8.79	+19 25.7	2.122	3.032	8.6	21.4
12 7	6 0.48	+19 15.8	2.083	3.043	5.0	21.2
12 17	5 51.09	+19 7.4	2.073	3.055	1.6	21.0
12 27	5 41.60	+19 1.0	2.094	3.065	3.4	21.2
1 6	5 33.00	+18 56.9	2.144	3.076	7.0	21.4
1 16	5 26.08	+18 55.8	2.221	3.086	10.3	21.6
1 26	5 21.40	+18 58.3	2.323	3.096	13.1	21.8

161385 2003 UM_{27} 12 19.2 43°.21 10°.6/19.9 18

11 17	6 15.09	+ 0 51.6	1.295	2.118	19.1	19.3
11 27	6 9.16	− 0 14.3	1.266	2.146	15.6	19.1
12 7	6 0.78	− 0 55.0	1.257	2.175	12.5	19.0
12 17	5 51.13	− 1 5.7	1.272	2.205	10.7	19.0
12 27	5 41.64	− 0 45.6	1.310	2.235	11.2	19.1
1 6	5 33.62	+ 0 1.5	1.371	2.266	13.3	19.3
1 16	5 28.02	+ 1 9.2	1.455	2.297	16.0	19.6
1 26	5 25.36	+ 2 30.2	1.558	2.328	18.5	19.9

212765 2007 TK_{63} 12 19.2 123°.08 2°.0/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.40	+26 47.7	1.435	2.281	16.3	20.3
11 27	6 14.97	+27 18.1	1.376	2.292	11.9	20.0
12 7	6 4.39	+27 44.9	1.340	2.302	7.0	19.8
12 17	5 51.84	+28 3.9	1.330	2.312	2.3	19.5
12 27	5 39.05	+28 12.5	1.349	2.321	4.7	19.7
1 6	5 27.78	+28 11.6	1.394	2.331	9.6	20.0
1 16	5 19.34	+28 4.3	1.465	2.339	14.0	20.3
1 26	5 14.52	+27 54.7	1.556	2.347	17.6	20.5

294584 2007 YP_{65} 12 19.2 101°.25 1°.9/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.77	+17 21.8	1.476	2.318	16.1	20.5
11 27	6 13.44	+17 43.0	1.423	2.336	11.7	20.3
12 7	6 3.36	+18 10.8	1.393	2.354	6.9	20.1
12 17	5 51.64	+18 43.2	1.390	2.371	2.3	19.8
12 27	5 39.79	+19 17.9	1.415	2.388	4.5	20.0
1 6	5 29.33	+19 53.3	1.469	2.405	9.2	20.4
1 16	5 21.40	+20 28.6	1.548	2.421	13.4	20.6
1 26	5 16.70	+21 3.8	1.648	2.436	16.9	20.9

390765 2003 TW_{33} 12 19.2 244°.27 3°.2/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.14	+15 26.0	1.825	2.663	13.7	21.0
11 27	6 9.17	+15 9.0	1.748	2.657	10.2	20.8
12 7	6 0.93	+14 57.6	1.694	2.651	6.4	20.5
12 17	5 51.22	+14 52.8	1.668	2.644	3.3	20.3
12 27	5 41.17	+14 55.1	1.670	2.638	4.8	20.4
1 6	5 32.01	+15 4.6	1.701	2.631	8.7	20.6
1 16	5 24.73	+15 21.1	1.758	2.624	12.5	20.9
1 26	5 20.07	+15 43.8	1.836	2.617	15.7	21.1

105124 2000 LC_{35} 12 19.2 168°.46 0°.1/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.33	+21 24.5	2.284	3.115	11.5	20.4
11 27	6 9.69	+21 54.5	2.209	3.119	8.4	20.2
12 7	6 1.09	+22 26.3	2.160	3.122	4.8	20.0
12 17	5 51.24	+22 58.0	2.141	3.124	0.9	19.7
12 27	5 41.11	+23 27.7	2.153	3.126	3.0	19.8
1 6	5 31.74	+23 54.7	2.195	3.128	6.8	20.1
1 16	5 24.00	+24 18.9	2.265	3.129	10.1	20.3
1 26	5 18.53	+24 41.2	2.359	3.130	12.9	20.5

415461 2014 MU_{12} 12 19.2 108°.97 0°.5/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.14	+22 5.4	2.267	3.101	11.5	21.8
11 27	6 8.66	+22 0.3	2.205	3.116	8.3	21.7
12 7	6 0.40	+21 55.1	2.170	3.131	4.7	21.5
12 17	5 51.09	+21 49.1	2.163	3.146	1.0	21.2
12 27	5 41.73	+21 42.6	2.187	3.161	3.0	21.4
1 6	5 33.25	+21 36.0	2.242	3.175	6.6	21.7
1 16	5 26.42	+21 30.5	2.323	3.189	9.8	21.9
1 26	5 21.80	+21 27.1	2.429	3.203	12.5	22.1

75949 2000 CR_{88} 12 19.2 168°.53 5°.9/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.13	+ 2 34.6	2.624	3.417	11.3	19.5
11 27	6 5.61	+ 2 15.9	2.553	3.419	9.2	19.3
12 7	5 58.64	+ 2 9.5	2.506	3.421	7.1	19.2
12 17	5 50.78	+ 2 17.2	2.487	3.423	6.0	19.1
12 27	5 42.77	+ 2 39.5	2.497	3.424	6.4	19.2
1 6	5 35.34	+ 3 15.4	2.535	3.425	8.1	19.3
1 16	5 29.15	+ 4 2.9	2.600	3.426	10.3	19.4
1 26	5 24.68	+ 4 59.2	2.689	3.427	12.3	19.6

408267 2013 FA_{17} 12 19.2 171°.43 5°.6/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.84	+ 5 25.2	2.489	3.291	11.6	22.0
11 27	6 6.89	+ 4 50.5	2.418	3.295	9.2	21.8
12 7	5 59.37	+ 4 26.2	2.372	3.297	7.0	21.7
12 17	5 50.92	+ 4 14.4	2.355	3.299	5.7	21.6
12 27	5 42.31	+ 4 16.4	2.366	3.301	6.3	21.6
1 6	5 34.36	+ 4 31.9	2.407	3.302	8.3	21.8
1 16	5 27.75	+ 4 59.5	2.474	3.303	10.6	21.9
1 26	5 22.99	+ 5 36.8	2.564	3.303	12.8	22.1

247721 2003 FX_{83} 12 19.2 309°.53 4°.3/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.85	+32 14.6	1.381	2.232	16.5	20.1
11 27	6 12.33	+32 37.8	1.297	2.212	12.5	19.8
12 7	6 3.27	+32 52.0	1.235	2.193	8.1	19.5
12 17	5 51.72	+32 51.7	1.197	2.174	4.5	19.3
12 27	5 39.41	+32 33.7	1.186	2.155	6.1	19.3
1 6	5 28.35	+31 59.9	1.200	2.137	10.8	19.5
1 16	5 20.20	+31 15.6	1.238	2.119	15.5	19.7
1 26	5 16.00	+30 27.7	1.295	2.102	19.7	20.0

150457 2000 HG_{66} 12 19.2 184°.19 1°.1/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.39	+26 18.6	2.047	2.878	12.7	21.3
11 27	6 12.12	+26 26.9	1.970	2.879	9.2	21.1
12 7	6 2.55	+26 31.9	1.919	2.879	5.4	20.8
12 17	5 51.52	+26 31.6	1.896	2.878	1.4	20.6
12 27	5 40.23	+26 25.1	1.904	2.877	3.5	20.7
1 6	5 29.91	+26 13.4	1.941	2.874	7.5	21.0
1 16	5 21.56	+25 58.6	2.006	2.871	11.2	21.2
1 26	5 15.89	+25 43.5	2.095	2.868	14.3	21.4

53918 2000 GM_{18} 12 19.2 54°.06 2°.1/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.00	+27 41.1	1.267	2.123	17.4	18.7
11 27	6 13.30	+27 58.0	1.222	2.142	12.6	18.4
12 7	6 3.40	+28 9.4	1.198	2.161	7.4	18.2
12 17	5 51.66	+28 11.6	1.199	2.181	2.5	18.0
12 27	5 39.93	+28 3.6	1.227	2.201	4.8	18.2
1 6	5 29.98	+27 47.4	1.281	2.221	9.8	18.5
1 16	5 23.04	+27 27.1	1.359	2.242	14.3	18.8
1 26	5 19.77	+27 6.9	1.457	2.262	17.9	19.1

450870 2007 YE_{50} 12 19.2 88°.64 0°.9/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.59	+19 53.5	1.845	2.687	13.4	21.2
11 27	6 9.48	+20 12.2	1.776	2.690	9.7	20.9
12 7	6 1.09	+20 34.2	1.731	2.694	5.6	20.7
12 17	5 51.26	+20 58.0	1.714	2.697	1.3	20.4
12 27	5 41.15	+21 22.1	1.727	2.701	3.6	20.6
1 6	5 31.98	+21 45.7	1.768	2.704	7.9	20.9
1 16	5 24.77	+22 8.8	1.835	2.707	11.7	21.1
1 26	5 20.20	+22 31.7	1.925	2.711	14.9	21.3

370039 2000 SO_{39} 12 19.2 86°.96 2°.2/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.27	+17 42.6	1.374	2.218	16.9	20.8
11 27	6 14.47	+17 47.8	1.331	2.245	12.3	20.6
12 7	6 3.88	+17 58.6	1.311	2.272	7.2	20.4
12 17	5 51.74	+18 13.8	1.317	2.298	2.5	20.2
12 27	5 39.68	+18 32.2	1.351	2.324	4.8	20.4
1 6	5 29.25	+18 53.0	1.413	2.349	9.5	20.7
1 16	5 21.55	+19 16.1	1.500	2.373	13.8	21.0
1 26	5 17.20	+19 41.3	1.607	2.397	17.2	21.3

512584 2016 SA_{41} 12 19.2 134°.40 3°.5/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.94	+14 44.0	1.686	2.521	14.8	22.0
11 27	6 11.86	+14 26.8	1.625	2.533	11.0	21.8
12 7	6 2.39	+14 16.4	1.589	2.544	6.9	21.5
12 17	5 51.49	+14 13.8	1.579	2.555	3.7	21.4
12 27	5 40.45	+14 19.1	1.599	2.565	5.2	21.5
1 6	5 30.57	+14 32.1	1.646	2.574	9.0	21.7
1 16	5 22.85	+14 52.2	1.720	2.583	12.8	22.0
1 26	5 17.97	+15 18.3	1.815	2.592	16.0	22.2

55455 2001 TR_{131} 12 19.2 274°.06 4°.6/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.31	+ 9 53.0	2.011	2.834	13.2	18.9
11 27	6 8.54	+ 9 47.5	1.917	2.814	10.2	18.7
12 7	6 0.61	+ 9 52.5	1.848	2.793	7.0	18.5
12 17	5 51.20	+10 9.5	1.806	2.772	4.8	18.3
12 27	5 41.30	+10 38.7	1.793	2.751	5.7	18.3
1 6	5 32.01	+11 19.1	1.809	2.730	8.9	18.5
1 16	5 24.33	+12 8.7	1.851	2.708	12.4	18.6
1 26	5 19.04	+13 5.0	1.916	2.686	15.5	18.8

143851 2003 YK_{7} 12 19.2 347°.93 5°.8/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.60	+31 15.1	1.087	1.954	18.7	18.8
11 27	6 12.01	+32 32.3	1.024	1.946	14.2	18.5
12 7	6 3.34	+33 44.3	0.980	1.940	9.4	18.2
12 17	5 51.76	+34 41.8	0.960	1.934	5.9	18.0
12 27	5 39.37	+35 17.4	0.963	1.929	7.7	18.1
1 6	5 28.57	+35 29.6	0.990	1.926	12.5	18.3
1 16	5 21.29	+35 23.1	1.038	1.924	17.4	18.6
1 26	5 18.61	+35 5.1	1.103	1.923	21.6	18.9

489214 2006 KA_{17} 12 19.2 211°.38 3°.7/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 10.88	+ 8 41.7	3.099	3.905	9.4	22.2
11 27	6 5.32	+ 8 31.2	3.013	3.898	7.3	22.1
12 7	5 58.45	+ 8 28.0	2.953	3.890	5.2	21.9
12 17	5 50.77	+ 8 32.8	2.923	3.882	3.8	21.8
12 27	5 42.90	+ 8 46.2	2.924	3.873	4.4	21.9
1 6	5 35.48	+ 9 7.8	2.955	3.864	6.4	22.0
1 16	5 29.10	+ 9 36.5	3.015	3.854	8.6	22.1
1 26	5 24.23	+10 11.1	3.099	3.844	10.7	22.3

466026 2011 HA_{81} 12 19.2 166°.09 15°.4/16.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.92	− 3 14.4	1.214	2.019	21.1	20.9
11 27	6 13.21	− 5 53.1	1.165	2.022	18.4	20.7
12 7	6 3.42	− 8 6.5	1.136	2.024	16.2	20.6
12 17	5 51.71	− 9 41.8	1.129	2.026	15.4	20.5
12 27	5 39.74	−10 30.5	1.144	2.027	16.4	20.6
1 6	5 29.18	−10 32.2	1.180	2.028	18.5	20.7
1 16	5 21.37	− 9 52.9	1.234	2.028	21.1	20.9
1 26	5 17.07	− 8 42.5	1.303	2.029	23.6	21.1

343490 2010 ET_{94} 12 19.2 353°.98 5°.1/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.24	+32 59.5	1.385	2.234	16.5	21.0
11 27	6 12.43	+33 48.2	1.319	2.231	12.6	20.8
12 7	6 3.21	+34 28.2	1.275	2.229	8.3	20.5
12 17	5 51.70	+34 52.9	1.255	2.228	5.2	20.4
12 27	5 39.70	+34 58.5	1.262	2.227	6.6	20.4
1 6	5 29.15	+34 45.9	1.295	2.226	10.6	20.7
1 16	5 21.55	+34 19.9	1.350	2.226	14.8	20.9
1 26	5 17.80	+33 47.0	1.426	2.227	18.5	21.2

371388 2006 RA_9 12 19.2 57°.15 2°.5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.27	+27 44.6	1.152	2.010	18.6	20.7
11 27	6 15.07	+28 10.9	1.114	2.035	13.5	20.5
12 7	6 4.42	+28 31.0	1.098	2.061	7.9	20.2
12 17	5 51.86	+28 40.6	1.105	2.087	2.8	20.0
12 27	5 39.43	+28 38.0	1.139	2.113	5.2	20.2
1 6	5 29.06	+28 25.6	1.199	2.139	10.3	20.6
1 16	5 22.02	+28 7.9	1.281	2.165	14.9	20.9
1 26	5 18.90	+27 49.5	1.384	2.191	18.6	21.3

82800 2001 QH_{26} 12 19.2 145°.73 1°.2/19.3 18

11 17	6 20.12	+26 0.8	1.833	2.669	13.7	20.4
11 27	6 12.79	+26 19.6	1.767	2.678	10.0	20.2
12 7	6 2.97	+26 35.6	1.726	2.687	5.8	20.0
12 17	5 51.62	+26 46.1	1.713	2.695	1.6	19.7
12 27	5 40.06	+26 49.7	1.729	2.702	3.8	19.9
1 6	5 29.63	+26 47.0	1.775	2.709	8.0	20.2
1 16	5 21.42	+26 40.3	1.847	2.715	11.9	20.4
1 26	5 16.12	+26 32.4	1.942	2.721	15.1	20.7

515122 2011 EF_{70} 12 19.2 337°.86 1°.7/19.2 18

11 17	6 14.28	+25 48.2	1.099	1.971	18.2	21.2
11 27	6 10.03	+26 8.9	1.029	1.958	13.4	20.9
12 7	6 2.08	+26 27.8	0.979	1.945	7.9	20.6
12 17	5 51.53	+26 41.2	0.952	1.934	2.2	20.2
12 27	5 40.26	+26 46.3	0.949	1.924	5.3	20.3
1 6	5 30.42	+26 43.4	0.969	1.915	11.3	20.6
1 16	5 23.72	+26 35.7	1.011	1.908	16.8	20.9
1 26	5 21.21	+26 26.9	1.071	1.902	21.4	21.2

228670 2002 JY_{21} 12 19.2 122°.45 0°.3/19.2 18

11 17	6 14.10	+21 14.0	2.867	3.692	9.6	21.2
11 27	6 7.65	+21 30.3	2.804	3.711	6.9	21.0
12 7	5 59.75	+21 47.2	2.769	3.729	3.9	20.8
12 17	5 51.01	+22 3.9	2.764	3.747	0.8	20.6
12 27	5 42.18	+22 19.5	2.791	3.764	2.5	20.8
1 6	5 34.02	+22 33.9	2.849	3.780	5.5	21.0
1 16	5 27.16	+22 47.2	2.936	3.796	8.2	21.2
1 26	5 22.08	+23 0.2	3.048	3.812	10.5	21.4

195855 2002 QS_{80} 12 19.2 191°.13 1°.8/19.3 18

11 17	6 14.38	+29 6.2	2.596	3.424	10.4	21.3
11 27	6 8.19	+29 24.9	2.518	3.423	7.6	21.1
12 7	6 0.21	+29 39.6	2.465	3.422	4.6	20.9
12 17	5 51.12	+29 48.3	2.442	3.421	2.0	20.7
12 27	5 41.79	+29 49.9	2.449	3.419	3.2	20.8
1 6	5 33.18	+29 45.0	2.487	3.417	6.3	21.0
1 16	5 26.06	+29 35.0	2.553	3.415	9.2	21.2
1 26	5 21.03	+29 22.2	2.643	3.412	11.7	21.4

484343 2007 UJ_{90} 12 19.2 18°.33 1°.8/19.3 17

11 17	6 15.93	+26 47.5	1.442	2.297	15.7	21.3
11 27	6 10.32	+27 9.9	1.381	2.301	11.5	21.0
12 7	6 1.80	+27 29.1	1.342	2.305	6.7	20.8
12 17	5 51.43	+27 41.7	1.328	2.310	2.2	20.5
12 27	5 40.78	+27 45.8	1.342	2.316	4.5	20.7
1 6	5 31.45	+27 42.3	1.383	2.322	9.3	21.0
1 16	5 24.70	+27 33.8	1.447	2.329	13.6	21.2
1 26	5 21.28	+27 23.5	1.532	2.337	17.2	21.5

123781 2001 BU_{14} 12 19.2 1°.83 4°.9/19.4 17

11 17	6 12.04	+ 9 44.6	1.889	2.720	13.6	19.3
11 27	6 6.80	+ 9 31.7	1.819	2.719	10.4	19.1
12 7	5 59.54	+ 9 29.8	1.773	2.719	7.2	18.9
12 17	5 51.00	+ 9 40.3	1.754	2.719	5.0	18.8
12 27	5 42.22	+10 3.5	1.762	2.719	5.9	18.9
1 6	5 34.27	+10 38.2	1.799	2.720	8.9	19.0
1 16	5 28.02	+11 22.3	1.861	2.722	12.1	19.3
1 26	5 24.14	+12 13.2	1.945	2.723	15.1	19.5

347238 2011 JO_{15} 12 19.2 320°.16 12°.3/15.1 18

11 17	6 19.55	+11 3.6	0.937	1.800	21.4	19.2
11 27	6 13.73	+ 7 34.8	0.877	1.790	17.2	18.9
12 7	6 4.07	+ 4 6.6	0.837	1.780	13.5	18.6
12 17	5 51.89	+ 0 57.4	0.821	1.771	12.3	18.6
12 27	5 39.26	− 1 33.7	0.829	1.762	14.7	18.6
1 6	5 28.35	− 3 16.0	0.857	1.754	19.0	18.9
1 16	5 20.77	− 4 8.2	0.904	1.747	23.3	19.1
1 26	5 17.44	− 4 17.8	0.964	1.740	27.0	19.3

218577 2005 JH_{82} 12 19.2 116°.65 1°.2/19.2 18

11 17	6 21.03	+20 34.7	1.694	2.531	14.6	21.5
11 27	6 13.33	+20 29.5	1.639	2.551	10.6	21.3
12 7	6 3.20	+20 25.7	1.609	2.570	6.1	21.1
12 17	5 51.67	+20 22.4	1.606	2.589	1.6	20.8
12 27	5 40.11	+20 19.5	1.634	2.607	3.9	21.0
1 6	5 29.86	+20 17.7	1.690	2.624	8.4	21.3
1 16	5 21.92	+20 18.1	1.772	2.640	12.3	21.6
1 26	5 16.91	+20 21.8	1.877	2.656	15.5	21.8

330508 2007 LV_{28} 12 19.2 157°.19 1°.1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.24	+28 36.6	3.138	3.959	9.0	21.6
11 27	6 7.70	+28 27.3	3.064	3.967	6.5	21.4
12 7	5 59.77	+28 13.7	3.017	3.974	3.8	21.3
12 17	5 51.03	+27 55.0	3.000	3.981	1.3	21.1
12 27	5 42.24	+27 31.6	3.016	3.987	2.5	21.2
1 6	5 34.10	+27 4.6	3.063	3.993	5.2	21.4
1 16	5 27.25	+26 35.6	3.139	3.998	7.8	21.5
1 26	5 22.13	+26 6.8	3.242	4.003	9.9	21.7

480325 2015 HA_{180} 12 19.2 196°.39 3°.4/19.2 18

11 17	6 21.71	+31 15.3	1.906	2.734	13.6	21.9
11 27	6 14.20	+31 54.6	1.828	2.732	10.2	21.6
12 7	6 3.94	+32 27.8	1.775	2.729	6.5	21.4
12 17	5 51.86	+32 50.1	1.750	2.725	3.6	21.2
12 27	5 39.35	+32 58.9	1.755	2.721	4.9	21.3
1 6	5 27.88	+32 54.3	1.789	2.715	8.6	21.5
1 16	5 18.69	+32 39.7	1.849	2.709	12.2	21.7
1 26	5 12.60	+32 19.5	1.932	2.703	15.4	21.9

172674 2003 YW_{130} 12 19.2 232°.86 1°.5/19.1 18

11 17	6 17.88	+24 58.8	1.973	2.809	12.9	20.1
11 27	6 11.31	+25 50.1	1.892	2.803	9.4	19.8
12 7	6 2.27	+26 42.0	1.836	2.797	5.5	19.6
12 17	5 51.56	+27 30.6	1.808	2.790	1.8	19.3
12 27	5 40.34	+28 12.7	1.811	2.783	3.8	19.5
1 6	5 29.93	+28 46.7	1.844	2.776	7.9	19.7
1 16	5 21.45	+29 12.9	1.903	2.769	11.7	19.9
1 26	5 15.72	+29 33.4	1.985	2.761	14.9	20.1

438023 2004 BV_{100} 12 19.2 178°.94 3°.1/19.5 18

11 17	6 21.79	+31 31.6	1.710	2.544	14.6	21.7
11 27	6 14.32	+31 41.9	1.638	2.545	10.9	21.5
12 7	6 3.99	+31 43.3	1.590	2.546	6.8	21.2
12 17	5 51.86	+31 32.5	1.569	2.546	3.3	21.0
12 27	5 39.47	+31 8.2	1.577	2.546	4.8	21.1
1 6	5 28.38	+30 33.0	1.614	2.546	8.9	21.4
1 16	5 19.83	+29 51.4	1.676	2.545	12.8	21.6
1 26	5 14.57	+29 8.8	1.761	2.543	16.2	21.8

120724 1997 SV_{16} 12 19.2 351°.33 1°.2/19.2 18

11 17	6 13.43	+21 40.2	1.160	2.030	17.6	19.9
11 27	6 9.00	+21 26.3	1.095	2.023	12.9	19.6
12 7	6 1.28	+21 13.4	1.051	2.017	7.5	19.3
12 17	5 51.39	+21 1.2	1.030	2.013	1.8	18.9
12 27	5 41.06	+20 50.2	1.034	2.009	4.9	19.1
1 6	5 32.13	+20 41.9	1.062	2.007	10.7	19.4
1 16	5 26.04	+20 37.9	1.113	2.006	15.8	19.7
1 26	5 23.66	+20 39.4	1.182	2.006	20.1	20.0

340142 2005 YM_{39} 12 19.2 308°.88 2°.5/19.3 18

11 17	6 17.16	+28 17.9	1.450	2.302	15.8	20.5
11 27	6 11.55	+28 42.3	1.370	2.288	11.7	20.2
12 7	6 2.73	+29 2.5	1.313	2.275	7.1	19.9
12 17	5 51.70	+29 14.2	1.281	2.262	2.8	19.6
12 27	5 40.04	+29 15.0	1.276	2.249	5.0	19.7
1 6	5 29.53	+29 5.3	1.298	2.236	9.9	20.0
1 16	5 21.66	+28 48.5	1.343	2.224	14.6	20.2
1 26	5 17.39	+28 29.0	1.409	2.212	18.5	20.4

328065 2007 VJ_{83} 12 19.2 50°.09 0°.4/19.2 18

11 17	6 19.84	+21 34.8	1.126	1.989	18.6	20.0
11 27	6 13.56	+22 22.0	1.079	2.003	13.5	19.8
12 7	6 3.79	+23 13.4	1.052	2.018	7.7	19.5
12 17	5 51.86	+24 3.7	1.050	2.034	1.4	19.1
12 27	5 39.71	+24 48.5	1.074	2.050	4.8	19.4
1 6	5 29.30	+25 25.7	1.123	2.066	10.5	19.8
1 16	5 22.07	+25 56.1	1.195	2.082	15.5	20.1
1 26	5 18.79	+26 21.8	1.287	2.099	19.5	20.4

144254 2004 CD_{86} 12 19.2 84°.39 7°.6/20.5 18

11 17	6 24.38	+44 24.8	1.881	2.680	14.9	19.8
11 27	6 16.18	+44 57.0	1.827	2.696	12.1	19.7
12 7	6 4.97	+45 10.6	1.795	2.712	9.4	19.6
12 17	5 52.04	+44 59.9	1.789	2.728	7.7	19.5
12 27	5 39.14	+44 23.6	1.811	2.743	8.0	19.5
1 6	5 27.93	+43 25.3	1.859	2.759	10.1	19.7
1 16	5 19.61	+42 12.1	1.933	2.774	12.6	19.9
1 26	5 14.79	+40 52.4	2.029	2.789	15.1	20.1

52241 1980 PW_2 12 19.2 88°.25 5°.4/19.2 18

11 17	6 23.11	+36 8.0	1.909	2.728	13.9	19.2
11 27	6 15.08	+37 14.7	1.861	2.753	10.7	19.0
12 7	6 4.34	+38 10.4	1.837	2.778	7.5	18.9
12 17	5 51.95	+38 49.2	1.842	2.802	5.5	18.8
12 27	5 39.43	+39 8.0	1.875	2.826	6.3	18.9
1 6	5 28.25	+39 8.1	1.937	2.849	9.0	19.1
1 16	5 19.58	+38 53.5	2.025	2.872	11.9	19.3
1 26	5 14.10	+38 30.0	2.135	2.895	14.5	19.6

268817 2006 VQ_{68} 12 19.2 314.°41 2.°8/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.73	+26 27.2	1.337	2.193	16.7	20.2
11 27	6 12.92	+27 26.6	1.264	2.184	12.3	19.9
12 7	6 3.64	+28 26.4	1.214	2.176	7.4	19.6
12 17	5 51.91	+29 20.4	1.188	2.168	3.0	19.4
12 27	5 39.43	+30 3.0	1.189	2.161	5.4	19.5
1 6	5 28.18	+30 32.3	1.217	2.154	10.5	19.8
1 16	5 19.77	+30 49.8	1.267	2.147	15.3	20.0
1 26	5 15.26	+30 59.5	1.338	2.141	19.4	20.3

519417 2011 UA_{158} 12 19.2 177.°90 3.°2/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.49	+15 30.2	2.236	3.063	11.9	21.7
11 27	6 9.00	+14 45.5	2.161	3.064	8.8	21.5
12 7	6 0.69	+14 4.0	2.112	3.066	5.6	21.3
12 17	5 51.29	+13 27.4	2.093	3.066	3.3	21.2
12 27	5 41.73	+12 57.8	2.104	3.066	4.6	21.2
1 6	5 32.98	+12 36.3	2.145	3.066	7.7	21.4
1 16	5 25.83	+12 23.6	2.213	3.065	10.8	21.6
1 26	5 20.85	+12 19.7	2.304	3.064	13.5	21.8

209787 2005 GG_{11} 12 19.2 209.°80 4.°4/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.31	+35 33.1	2.393	3.206	11.7	20.7
11 27	6 12.92	+36 23.9	2.309	3.199	9.0	20.5
12 7	6 3.15	+37 7.0	2.251	3.192	6.2	20.4
12 17	5 51.78	+37 37.9	2.222	3.184	4.4	20.2
12 27	5 39.95	+37 53.6	2.223	3.175	5.3	20.3
1 6	5 28.91	+37 54.1	2.253	3.166	7.9	20.4
1 16	5 19.75	+37 42.0	2.311	3.156	10.7	20.6
1 26	5 13.23	+37 21.5	2.393	3.145	13.3	20.8

267886 2003 YH_{76} 12 19.3 26.°58 3.°0/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.24	+25 18.9	0.939	1.817	20.1	19.5
11 27	6 12.26	+26 31.6	0.899	1.829	14.7	19.2
12 7	6 3.31	+27 44.2	0.877	1.844	8.6	18.9
12 17	5 51.84	+28 48.6	0.878	1.859	3.3	18.7
12 27	5 40.13	+29 38.2	0.902	1.876	6.0	18.9
1 6	5 30.42	+30 11.3	0.950	1.894	11.7	19.3
1 16	5 24.33	+30 30.7	1.019	1.914	16.8	19.6
1 26	5 22.64	+30 41.0	1.105	1.934	20.9	20.0

335466 2005 WQ 12 19.3 12.°08 0.°6/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.98	+23 43.9	1.132	2.002	18.0	20.1
11 27	6 10.18	+24 3.1	1.076	2.005	13.1	19.8
12 7	6 1.98	+24 22.7	1.041	2.008	7.5	19.5
12 17	5 51.61	+24 39.7	1.030	2.013	1.5	19.2
12 27	5 40.90	+24 51.9	1.043	2.019	4.8	19.4
1 6	5 31.75	+24 59.4	1.081	2.027	10.5	19.8
1 16	5 25.61	+25 4.1	1.142	2.035	15.5	20.1
1 26	5 23.28	+25 8.1	1.221	2.044	19.7	20.4

257110 2008 GV_{70} 12 19.3 82.°42 5.°3/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.76	+ 9 34.6	1.934	2.760	13.5	20.7
11 27	6 7.91	+ 8 55.4	1.875	2.771	10.4	20.5
12 7	6 0.13	+ 8 26.1	1.839	2.781	7.3	20.4
12 17	5 51.22	+ 8 9.1	1.831	2.792	5.4	20.3
12 27	5 42.21	+ 8 5.7	1.851	2.802	6.3	20.4
1 6	5 34.10	+ 8 15.7	1.899	2.813	9.0	20.5
1 16	5 27.74	+ 8 37.7	1.972	2.823	12.0	20.8
1 26	5 23.68	+ 9 9.4	2.067	2.833	14.7	21.0

108586 2001 MA_{10} 12 19.3 203.°78 1.°1/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.77	+26 6.2	1.786	2.624	13.9	20.7
11 27	6 12.77	+26 13.8	1.709	2.621	10.2	20.4
12 7	6 3.15	+26 18.3	1.656	2.617	5.9	20.2
12 17	5 51.82	+26 17.2	1.630	2.613	1.5	19.8
12 27	5 40.13	+26 9.5	1.634	2.608	3.8	20.0
1 6	5 29.50	+25 56.3	1.667	2.602	8.4	20.3
1 16	5 21.10	+25 40.2	1.726	2.596	12.4	20.5
1 26	5 15.70	+25 24.2	1.807	2.589	15.9	20.7

381010 2006 UJ_{73} 12 19.3 95.°53 2.°9/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.13	+30 6.8	1.504	2.343	16.0	21.5
11 27	6 15.99	+30 24.9	1.456	2.366	11.8	21.3
12 7	6 4.88	+30 34.8	1.431	2.389	7.1	21.1
12 17	5 52.10	+30 32.8	1.433	2.411	3.2	20.9
12 27	5 39.38	+30 17.9	1.463	2.433	4.8	21.1
1 6	5 28.36	+29 52.8	1.521	2.454	9.2	21.4
1 16	5 20.20	+29 22.0	1.604	2.475	13.2	21.7
1 26	5 15.52	+28 50.7	1.709	2.495	16.5	21.9

444156 2005 EH_{266} 12 19.3 190.°81 1.°6/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.57	+28 2.6	2.259	3.088	11.7	22.1
11 27	6 10.75	+28 17.0	2.180	3.087	8.6	21.9
12 7	6 1.82	+28 27.4	2.127	3.085	5.1	21.7
12 17	5 51.56	+28 31.6	2.103	3.083	1.9	21.5
12 27	5 41.04	+28 28.6	2.109	3.080	3.4	21.6
1 6	5 31.36	+28 19.0	2.145	3.077	7.0	21.8
1 16	5 23.45	+28 4.8	2.209	3.073	10.4	22.0
1 26	5 17.97	+27 48.8	2.297	3.069	13.2	22.2

407207 2009 UK_{154} 12 19.3 358.°62 6.°3/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.25	+37 0.5	1.688	2.523	14.7	20.2
11 27	6 10.72	+38 5.3	1.621	2.520	11.5	20.0
12 7	6 2.20	+38 59.6	1.577	2.518	8.3	19.8
12 17	5 51.66	+39 36.8	1.558	2.517	6.4	19.7
12 27	5 40.66	+39 53.0	1.566	2.517	7.3	19.7
1 6	5 30.84	+39 48.3	1.601	2.518	10.1	19.9
1 16	5 23.55	+39 27.0	1.659	2.519	13.4	20.1
1 26	5 19.66	+38 55.2	1.739	2.521	16.4	20.3

450 Brigitta 12 19.3 63.°69 4.°9/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.78	+36 28.9	2.062	2.884	12.9	14.7
11 27	6 11.19	+37 10.6	1.999	2.893	9.9	14.6
12 7	6 2.16	+37 42.2	1.961	2.903	6.9	14.4
12 17	5 51.63	+37 59.3	1.950	2.912	5.0	14.3
12 27	5 40.88	+37 59.8	1.968	2.921	5.7	14.4
1 6	5 31.23	+37 44.9	2.013	2.931	8.4	14.5
1 16	5 23.73	+37 18.2	2.085	2.940	11.3	14.7
1 26	5 19.06	+36 44.6	2.180	2.950	13.9	14.9

413250 2003 SW_{318} 12 19.3 8.°03 3.°8/18.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.13	+13 44.3	2.004	2.840	12.7	21.3
11 27	6 6.80	+13 11.0	1.934	2.840	9.5	21.1
12 7	5 59.55	+12 43.8	1.889	2.841	6.2	20.9
12 17	5 51.14	+12 24.3	1.871	2.842	3.9	20.8
12 27	5 42.54	+12 13.9	1.881	2.843	5.1	20.9
1 6	5 34.76	+12 13.1	1.920	2.845	8.2	21.1
1 16	5 28.63	+12 21.6	1.985	2.847	11.5	21.3
1 26	5 24.76	+12 38.2	2.072	2.849	14.3	21.5

6120 Anhalt 12 19.3 76.°11 2.°1/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.33	+18 54.2	1.422	2.268	16.3	17.7
11 27	6 13.07	+18 40.0	1.378	2.294	11.9	17.5
12 7	6 3.16	+18 29.5	1.357	2.319	6.9	17.3
12 17	5 51.80	+18 22.7	1.363	2.344	2.4	17.1
12 27	5 40.52	+18 19.6	1.397	2.369	4.6	17.3
1 6	5 30.80	+18 20.8	1.457	2.393	9.3	17.6
1 16	5 23.66	+18 26.7	1.543	2.418	13.4	17.9
1 26	5 19.69	+18 37.5	1.650	2.441	16.8	18.2

197336 2003 WB_{176} 12 19.3 177.°10 1.°4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.09	+27 44.8	2.653	3.481	10.2	21.3
11 27	6 7.97	+27 58.2	2.575	3.482	7.4	21.1
12 7	6 0.14	+28 8.4	2.524	3.483	4.4	20.9
12 17	5 51.25	+28 13.7	2.503	3.484	1.6	20.7
12 27	5 42.18	+28 13.4	2.512	3.484	3.0	20.8
1 6	5 33.79	+28 7.9	2.552	3.484	6.0	21.0
1 16	5 26.84	+27 58.6	2.620	3.484	8.9	21.2
1 26	5 21.90	+27 47.5	2.713	3.483	11.4	21.4

252090 2000 UZ_{29} 12 19.3 75.°87 2.°4/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.90	+19 57.6	1.278	2.128	17.6	20.0
11 27	6 15.01	+19 19.8	1.239	2.157	12.8	19.8
12 7	6 4.24	+18 44.1	1.223	2.185	7.4	19.6
12 17	5 51.99	+18 11.8	1.232	2.214	2.6	19.4
12 27	5 39.98	+17 44.7	1.270	2.242	5.1	19.6
1 6	5 29.82	+17 24.8	1.333	2.269	10.0	19.9
1 16	5 22.56	+17 13.3	1.421	2.296	14.3	20.3
1 26	5 18.75	+17 10.5	1.530	2.323	17.8	20.6

464285 2016 AT_{54} 12 19.3 231.°53 0.°3/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.09	+22 2.1	2.690	3.520	10.0	21.3
11 27	6 7.24	+22 5.5	2.601	3.510	7.3	21.1
12 7	5 59.74	+22 9.2	2.538	3.499	4.2	20.9
12 17	5 51.19	+22 12.4	2.506	3.489	0.8	20.6
12 27	5 42.38	+22 14.7	2.504	3.478	2.7	20.8
1 6	5 34.14	+22 16.3	2.533	3.466	6.0	21.0
1 16	5 27.21	+22 17.9	2.591	3.455	9.0	21.2
1 26	5 22.16	+22 20.3	2.673	3.443	11.6	21.3

372198 2008 TC_{131} 12 19.3 239.°34 0.°3/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.41	+24 46.6	2.346	3.182	11.1	21.5
11 27	6 7.61	+24 41.2	2.269	3.181	8.1	21.3
12 7	5 59.98	+24 33.7	2.218	3.180	4.6	21.0
12 17	5 51.23	+24 23.4	2.196	3.179	0.9	20.8
12 27	5 42.30	+24 10.2	2.204	3.178	2.9	20.9
1 6	5 34.13	+23 55.2	2.242	3.177	6.5	21.2
1 16	5 27.53	+23 39.8	2.307	3.176	9.8	21.4
1 26	5 23.07	+23 25.8	2.397	3.175	12.5	21.6

281644 2008 UV_{337} 12 19.3 123.°19 0.°5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.46	+24 43.3	1.906	2.741	13.3	22.1
11 27	6 12.18	+24 49.4	1.845	2.756	9.6	21.9
12 7	6 2.62	+24 53.3	1.809	2.771	5.5	21.6
12 17	5 51.72	+24 53.3	1.802	2.785	1.1	21.4
12 27	5 40.73	+24 48.9	1.825	2.799	3.5	21.6
1 6	5 30.86	+24 41.0	1.877	2.812	7.6	21.9
1 16	5 23.10	+24 31.6	1.956	2.824	11.3	22.1
1 26	5 18.05	+24 22.8	2.058	2.836	14.3	22.3

240139 2002 JT_{74} 12 19.3 233°.01 2°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.69	+28 54.7	1.963	2.796	13.0	21.2
11 27	6 11.99	+29 25.2	1.879	2.787	9.7	20.9
12 7	6 2.74	+29 51.6	1.820	2.778	5.9	20.7
12 17	5 51.79	+30 10.5	1.789	2.768	2.6	20.5
12 27	5 40.37	+30 19.5	1.788	2.757	4.2	20.5
1 6	5 29.84	+30 18.8	1.815	2.747	8.1	20.8
1 16	5 21.35	+30 10.4	1.870	2.735	11.8	21.0
1 26	5 15.72	+29 58.1	1.946	2.724	15.1	21.2

421954 2014 QC_{267} 12 19.3 91°.44 2°.0/19.4 17

11 17	6 16.10	+29 23.4	2.102	2.936	12.3	21.4
11 27	6 9.73	+29 31.1	2.035	2.944	9.0	21.2
12 7	6 1.24	+29 33.2	1.993	2.951	5.4	21.0
12 17	5 51.47	+29 27.9	1.979	2.958	2.2	20.8
12 27	5 41.56	+29 14.4	1.994	2.965	3.7	20.9
1 6	5 32.64	+28 54.2	2.039	2.973	7.2	21.1
1 16	5 25.60	+28 29.9	2.111	2.980	10.6	21.4
1 26	5 21.08	+28 4.4	2.206	2.987	13.4	21.6

100259 1994 TX_{4} 12 19.3 266°.99 2°.8/19.3 17

11 17	6 17.92	+29 52.5	1.868	2.704	13.5	20.5
11 27	6 11.59	+30 20.3	1.782	2.691	10.0	20.3
12 7	6 2.59	+30 43.1	1.720	2.678	6.2	20.0
12 17	5 51.77	+30 57.1	1.686	2.664	3.0	19.8
12 27	5 40.44	+31 0.1	1.681	2.650	4.5	19.8
1 6	5 30.03	+30 52.3	1.704	2.636	8.5	20.0
1 16	5 21.75	+30 36.6	1.753	2.622	12.4	20.2
1 26	5 16.45	+30 16.7	1.824	2.607	15.7	20.4

410899 2009 SU_{117} 12 19.3 32°.98 5°.8/18.8 18

11 17	6 12.35	+ 9 44.3	1.825	2.657	13.9	20.6
11 27	6 7.01	+ 8 50.4	1.766	2.665	10.8	20.4
12 7	5 59.68	+ 8 6.2	1.731	2.674	7.7	20.3
12 17	5 51.18	+ 7 34.9	1.723	2.682	5.8	20.2
12 27	5 42.57	+ 7 18.9	1.742	2.691	6.8	20.3
1 6	5 34.90	+ 7 18.4	1.788	2.701	9.5	20.4
1 16	5 29.00	+ 7 32.1	1.859	2.711	12.6	20.7
1 26	5 25.48	+ 7 57.6	1.951	2.721	15.3	20.9

133913 2004 RT_{199} 12 19.3 25°.85 4°.3/19.7 17

11 17	6 16.65	+34 53.3	1.776	2.611	14.1	19.0
11 27	6 10.56	+35 10.4	1.714	2.618	10.7	18.8
12 7	6 1.86	+35 16.7	1.676	2.626	7.1	18.6
12 17	5 51.60	+35 8.6	1.663	2.634	4.5	18.5
12 27	5 41.20	+34 45.1	1.679	2.642	5.4	18.6
1 6	5 32.06	+34 8.7	1.722	2.651	8.7	18.8
1 16	5 25.27	+33 23.9	1.791	2.660	12.1	19.0
1 26	5 21.51	+32 36.0	1.881	2.670	15.1	19.2

198022 2004 RZ_{224} 12 19.3 307°.93 0°.4/19.3 18

11 17	6 16.99	+24 9.5	1.517	2.369	15.3	19.9
11 27	6 11.13	+24 17.1	1.443	2.362	11.2	19.7
12 7	6 2.39	+24 23.6	1.392	2.356	6.4	19.4
12 17	5 51.74	+24 27.1	1.367	2.350	1.3	19.0
12 27	5 40.65	+24 26.4	1.369	2.344	4.1	19.2
1 6	5 30.70	+24 22.1	1.398	2.338	9.2	19.5
1 16	5 23.17	+24 16.2	1.452	2.333	13.7	19.7
1 26	5 18.91	+24 11.3	1.527	2.327	17.5	20.0

414700 2009 WB_{169} 12 19.3 49°.48 0°.7/19.2 17

11 17	6 15.06	+23 12.1	2.021	2.861	12.5	20.9
11 27	6 9.06	+23 52.9	1.955	2.869	9.0	20.7
12 7	6 0.92	+24 34.6	1.915	2.877	5.2	20.4
12 17	5 51.44	+25 14.6	1.903	2.886	1.2	20.2
12 27	5 41.71	+25 50.4	1.921	2.895	3.3	20.4
1 6	5 32.85	+26 20.9	1.968	2.904	7.2	20.6
1 16	5 25.81	+26 46.4	2.042	2.913	10.8	20.9
1 26	5 21.25	+27 8.1	2.140	2.923	13.7	21.1

114685 2003 FM_{79} 12 19.3 163°.12 2°.3/19.1 18

11 17	6 17.43	+18 5.2	1.837	2.674	13.6	20.0
11 27	6 10.80	+17 43.1	1.767	2.678	10.0	19.8
12 7	6 1.91	+17 24.0	1.722	2.681	6.0	19.6
12 17	5 51.63	+17 8.4	1.704	2.684	2.5	19.4
12 27	5 41.14	+16 57.0	1.716	2.687	4.3	19.5
1 6	5 31.66	+16 50.7	1.757	2.689	8.3	19.7
1 16	5 24.16	+16 50.2	1.824	2.690	12.1	20.0
1 26	5 19.32	+16 55.7	1.914	2.692	15.3	20.2

452907 2006 VA_{18} 12 19.3 64°.87 0°.3/19.3 17

11 17	6 15.93	+23 10.9	1.791	2.635	13.6	21.8
11 27	6 9.77	+23 2.5	1.729	2.644	9.9	21.5
12 7	6 1.32	+22 53.2	1.690	2.653	5.6	21.3
12 17	5 51.52	+22 42.1	1.679	2.663	1.1	21.0
12 27	5 41.58	+22 29.6	1.698	2.672	3.6	21.2
1 6	5 32.74	+22 16.6	1.744	2.682	7.9	21.5
1 16	5 25.95	+22 5.0	1.817	2.691	11.7	21.8
1 26	5 21.86	+21 56.3	1.912	2.701	14.9	22.0

517752 2015 NW_{24} 12 19.3 103°.99 0°.5/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.56	+23 4.8	1.701	2.545	14.2	20.6
11 27	6 11.07	+22 48.4	1.636	2.551	10.3	20.4
12 7	6 2.12	+22 30.6	1.594	2.557	5.9	20.1
12 17	5 51.68	+22 10.9	1.580	2.563	1.2	19.8
12 27	5 41.09	+21 50.0	1.595	2.569	3.8	20.0
1 6	5 31.65	+21 29.5	1.637	2.575	8.3	20.3
1 16	5 24.42	+21 11.6	1.706	2.580	12.3	20.6
1 26	5 20.05	+20 58.1	1.797	2.586	15.7	20.8

68459 2001 SY_{80} 12 19.3 12°.61 1°.9/19.4 17

11 17	6 15.53	+28 16.8	1.498	2.351	15.3	19.4
11 27	6 10.00	+28 17.7	1.435	2.353	11.2	19.1
12 7	6 1.67	+28 12.6	1.394	2.357	6.6	18.9
12 17	5 51.61	+27 59.4	1.379	2.361	2.3	18.6
12 27	5 41.33	+27 37.7	1.391	2.365	4.3	18.8
1 6	5 32.36	+27 9.7	1.431	2.371	9.0	19.1
1 16	5 25.88	+26 39.2	1.494	2.377	13.2	19.3
1 26	5 22.61	+26 9.8	1.579	2.384	16.8	19.6

438094 2004 XP_{102} 12 19.3 32°.65 4°.7/19.8 18

11 17	6 19.04	+33 56.6	1.291	2.142	17.4	19.7
11 27	6 12.89	+34 10.4	1.240	2.154	13.1	19.5
12 7	6 3.39	+34 11.2	1.211	2.167	8.5	19.3
12 17	5 51.92	+33 54.6	1.207	2.181	4.9	19.1
12 27	5 40.41	+33 20.1	1.228	2.195	6.1	19.2
1 6	5 30.72	+32 31.9	1.274	2.211	10.3	19.5
1 16	5 24.13	+31 36.6	1.345	2.227	14.5	19.8
1 26	5 21.29	+30 41.0	1.435	2.243	18.0	20.1

176294 2001 SB_{97} 12 19.3 328°.54 4°.2/18.9 18

11 17	6 13.53	+14 1.0	1.744	2.585	14.1	19.8
11 27	6 8.12	+13 21.1	1.670	2.579	10.6	19.5
12 7	6 0.47	+12 47.3	1.621	2.574	6.9	19.3
12 17	5 51.39	+12 22.0	1.597	2.570	4.3	19.2
12 27	5 42.03	+12 7.0	1.602	2.565	5.7	19.2
1 6	5 33.58	+12 3.3	1.634	2.561	9.2	19.4
1 16	5 27.04	+12 10.5	1.692	2.557	12.9	19.6
1 26	5 23.09	+12 27.6	1.770	2.553	16.1	19.8

245656 2005 YM_{209} 12 19.3 275°.50 4°.2/18.7 18

11 17	6 20.76	+29 38.6	1.614	2.454	15.1	19.9
11 27	6 14.18	+31 1.5	1.535	2.445	11.3	19.7
12 7	6 4.36	+32 22.9	1.481	2.437	7.2	19.4
12 17	5 52.19	+33 35.2	1.454	2.428	4.3	19.2
12 27	5 39.22	+34 32.1	1.455	2.419	6.0	19.3
1 6	5 27.22	+35 10.9	1.484	2.411	10.0	19.5
1 16	5 17.76	+35 33.4	1.539	2.402	14.1	19.7
1 26	5 11.89	+35 44.2	1.613	2.393	17.6	20.0

49352 1998 WS_{9} 12 19.3 150°.46 1°.3/19.2 18

11 17	6 20.12	+25 17.5	1.710	2.550	14.4	18.0
11 27	6 13.10	+25 50.3	1.643	2.556	10.5	17.8
12 7	6 3.39	+26 21.7	1.599	2.561	6.1	17.5
12 17	5 51.96	+26 48.4	1.583	2.566	1.7	17.3
12 27	5 40.20	+27 8.0	1.597	2.570	4.0	17.4
1 6	5 29.57	+27 20.0	1.639	2.574	8.5	17.7
1 16	5 21.26	+27 26.2	1.707	2.578	12.5	18.0
1 26	5 16.03	+27 29.4	1.797	2.581	15.9	18.2

435480 2008 FR_{122} 12 19.3 226°.98 4°.9/19.2 18

11 17	6 17.32	+11 47.6	1.673	2.505	15.0	21.6
11 27	6 11.02	+11 22.4	1.595	2.498	11.4	21.4
12 7	6 2.21	+11 6.5	1.541	2.490	7.7	21.2
12 17	5 51.75	+11 1.9	1.513	2.482	5.0	21.0
12 27	5 40.88	+11 9.8	1.513	2.474	6.2	21.0
1 6	5 30.93	+11 29.8	1.541	2.465	9.9	21.2
1 16	5 23.04	+12 0.6	1.594	2.456	13.8	21.5
1 26	5 17.99	+12 40.0	1.668	2.446	17.2	21.7

488000 2015 TK_{345} 12 19.3 142°.74 1°.2/19.2 18

11 17	6 15.97	+19 51.0	2.044	2.879	12.5	22.1
11 27	6 9.60	+19 47.4	1.974	2.885	9.1	21.9
12 7	6 1.19	+19 45.8	1.930	2.891	5.3	21.7
12 17	5 51.53	+19 45.6	1.915	2.897	1.6	21.4
12 27	5 41.69	+19 46.7	1.929	2.902	3.5	21.6
1 6	5 32.75	+19 49.4	1.973	2.907	7.4	21.8
1 16	5 25.59	+19 54.3	2.044	2.912	10.9	22.1
1 26	5 20.83	+20 1.9	2.138	2.916	13.9	22.3

269923 2000 KE_{74} 12 19.3 206°.11 2°.0/19.3 18

11 17	6 17.87	+17 32.2	2.006	2.837	12.9	21.6
11 27	6 11.12	+17 30.3	1.924	2.832	9.5	21.4
12 7	6 2.15	+17 32.3	1.868	2.826	5.7	21.2
12 17	5 51.74	+17 38.1	1.839	2.819	2.2	20.9
12 27	5 40.97	+17 47.2	1.841	2.812	4.0	21.0
1 6	5 31.02	+17 59.6	1.873	2.804	7.9	21.3
1 16	5 22.87	+18 15.3	1.932	2.795	11.6	21.5
1 26	5 17.25	+18 34.3	2.013	2.786	14.8	21.7

322185 2010 XA_{53} 12 19.3 77°.30 0°.9/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.75	+25 42.1	1.973	2.813	12.7	21.1
11 27	6 9.56	+25 49.4	1.908	2.821	9.2	20.9
12 7	6 1.21	+25 54.2	1.867	2.829	5.3	20.7
12 17	5 51.54	+25 54.7	1.854	2.837	1.3	20.4
12 27	5 41.71	+25 50.4	1.871	2.845	3.4	20.6
1 6	5 32.87	+25 42.2	1.917	2.853	7.4	20.8
1 16	5 25.95	+25 31.7	1.989	2.861	10.9	21.1
1 26	5 21.59	+25 21.3	2.084	2.869	14.0	21.3

181551 2006 UC_{254} 12 19.3 358°.48 3°.5/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.18	+16 0.4	1.766	2.608	13.9	20.3
11 27	6 8.54	+15 20.0	1.696	2.607	10.3	20.1
12 7	6 0.68	+14 43.9	1.650	2.607	6.5	19.9
12 17	5 51.45	+14 14.0	1.631	2.606	3.6	19.7
12 27	5 42.00	+13 52.2	1.640	2.606	5.1	19.8
1 6	5 33.52	+13 39.7	1.677	2.606	8.8	20.0
1 16	5 26.96	+13 36.9	1.740	2.607	12.5	20.2
1 26	5 22.99	+13 43.2	1.824	2.607	15.7	20.4

295090 2008 EK_{149} 12 19.3 334°.49 0°.3/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.16	+23 19.3	1.902	2.744	13.0	20.8
11 27	6 9.24	+23 9.5	1.828	2.743	9.5	20.5
12 7	6 1.08	+22 58.5	1.779	2.742	5.4	20.3
12 17	5 51.53	+22 45.6	1.758	2.741	1.0	20.0
12 27	5 41.74	+22 31.1	1.766	2.740	3.4	20.2
1 6	5 32.90	+22 16.0	1.802	2.739	7.7	20.4
1 16	5 25.98	+22 2.1	1.865	2.738	11.5	20.6
1 26	5 21.65	+21 51.1	1.950	2.738	14.7	20.9

228796 2003 AC_{27} 12 19.3 15°.19 0°.5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.50	+21 11.3	1.046	1.920	18.8	19.7
11 27	6 9.97	+21 31.1	0.994	1.924	13.7	19.4
12 7	6 1.96	+21 55.2	0.963	1.931	7.8	19.1
12 17	5 51.73	+22 20.8	0.955	1.938	1.6	18.7
12 27	5 41.18	+22 45.4	0.971	1.947	4.9	19.0
1 6	5 32.28	+23 8.0	1.010	1.957	10.8	19.4
1 16	5 26.47	+23 28.9	1.072	1.969	16.0	19.7
1 26	5 24.56	+23 49.2	1.152	1.981	20.2	20.0

221485 2006 BX_{268} 12 19.3 29°.82 4°.9/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.27	+36 3.7	1.844	2.674	13.9	19.4
11 27	6 11.04	+36 32.7	1.781	2.681	10.6	19.2
12 7	6 2.20	+36 50.5	1.742	2.687	7.3	19.0
12 17	5 51.75	+36 53.1	1.729	2.695	5.0	18.9
12 27	5 41.11	+36 38.9	1.744	2.702	5.8	18.9
1 6	5 31.70	+36 9.7	1.786	2.710	8.8	19.1
1 16	5 24.62	+35 29.9	1.854	2.719	12.0	19.3
1 26	5 20.56	+34 45.1	1.944	2.727	14.9	19.6

7144 Dossobuono 12 19.3 109°.81 3°.6/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.87	+14 18.8	1.695	2.531	14.7	17.8
11 27	6 11.16	+14 5.6	1.638	2.545	10.9	17.6
12 7	6 2.13	+13 59.9	1.603	2.558	6.9	17.4
12 17	5 51.73	+14 2.4	1.596	2.572	3.7	17.2
12 27	5 41.21	+14 13.1	1.618	2.585	5.1	17.3
1 6	5 31.82	+14 31.4	1.668	2.597	8.9	17.6
1 16	5 24.54	+14 56.4	1.744	2.609	12.6	17.8
1 26	5 20.00	+15 26.8	1.841	2.621	15.7	18.1

445668 2011 UQ_{86} 12 19.3 78°.34 2°.6/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.06	+18 8.6	1.786	2.627	13.8	21.0
11 27	6 9.76	+17 30.0	1.727	2.639	10.1	20.8
12 7	6 1.29	+16 54.0	1.692	2.651	6.1	20.6
12 17	5 51.57	+16 22.0	1.684	2.663	2.8	20.5
12 27	5 41.79	+15 55.8	1.705	2.674	4.5	20.6
1 6	5 33.09	+15 36.7	1.755	2.686	8.3	20.8
1 16	5 26.40	+15 25.6	1.831	2.698	12.0	21.1
1 26	5 22.29	+15 22.6	1.928	2.710	15.1	21.3

19846 2000 SN_{327} 12 19.3 34°.83 0°.9/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.74	+26 17.2	1.503	2.353	15.4	17.5
11 27	6 11.57	+26 10.9	1.438	2.356	11.3	17.2
12 7	6 2.58	+26 0.2	1.397	2.360	6.5	17.0
12 17	5 51.84	+25 43.5	1.382	2.364	1.6	16.7
12 27	5 40.89	+25 21.0	1.394	2.369	4.1	16.9
1 6	5 31.26	+24 54.7	1.434	2.374	9.0	17.2
1 16	5 24.15	+24 28.0	1.498	2.378	13.4	17.4
1 26	5 20.28	+24 4.1	1.584	2.383	17.0	17.7

401205 2011 YE_{13} 12 19.3 342°.18 0°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.64	+23 0.9	1.816	2.660	13.5	20.8
11 27	6 9.77	+23 28.0	1.743	2.658	9.8	20.6
12 7	6 1.50	+23 56.3	1.694	2.657	5.6	20.3
12 17	5 51.65	+24 23.3	1.672	2.655	1.1	20.0
12 27	5 41.44	+24 47.0	1.679	2.654	3.6	20.2
1 6	5 32.16	+25 6.7	1.715	2.653	8.0	20.5
1 16	5 24.87	+25 22.9	1.777	2.652	11.9	20.7
1 26	5 20.34	+25 37.1	1.861	2.651	15.2	20.9

399666 2004 RT_{252} 12 19.3 120°.69 18°.3/18.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.61	−10 52.4	1.205	1.977	23.1	21.1
11 27	6 13.72	−13 25.1	1.170	1.989	20.8	21.0
12 7	6 3.80	−15 21.1	1.152	2.000	19.1	20.9
12 17	5 52.07	−16 28.7	1.154	2.010	18.3	20.9
12 27	5 40.21	−16 42.0	1.175	2.020	18.8	20.9
1 6	5 29.89	−16 3.8	1.214	2.029	20.2	21.1
1 16	5 22.35	−14 43.1	1.271	2.038	22.0	21.2
1 26	5 18.32	−12 52.4	1.342	2.046	23.9	21.4

206315 2003 KN_{13} 12 19.3 142°.35 3°.6/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.90	+13 38.0	1.716	2.544	14.9	20.6
11 27	6 13.36	+13 32.3	1.655	2.558	11.1	20.4
12 7	6 3.40	+13 34.9	1.617	2.571	7.0	20.2
12 17	5 51.99	+13 46.0	1.608	2.582	3.8	20.0
12 27	5 40.42	+14 5.2	1.627	2.593	5.2	20.2
1 6	5 29.99	+14 31.6	1.676	2.603	9.0	20.4
1 16	5 21.73	+15 3.7	1.751	2.612	12.8	20.7
1 26	5 16.32	+15 40.4	1.848	2.620	15.9	20.9

388658 2007 TA_{280} 12 19.3 124°.84 1°.2/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.05	+26 57.8	2.064	2.895	12.6	21.5
11 27	6 11.82	+27 6.1	2.002	2.910	9.1	21.3
12 7	6 2.44	+27 10.5	1.965	2.925	5.3	21.1
12 17	5 51.81	+27 9.2	1.957	2.939	1.6	20.9
12 27	5 41.07	+27 1.4	1.980	2.953	3.4	21.1
1 6	5 31.40	+26 48.4	2.032	2.966	7.2	21.3
1 16	5 23.70	+26 32.5	2.112	2.978	10.7	21.6
1 26	5 18.58	+26 16.2	2.215	2.990	13.5	21.8

354455 2004 BF_{25} 12 19.3 283°.33 4°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.68	+35 43.3	1.820	2.647	14.1	20.8
11 27	6 12.88	+35 46.7	1.742	2.642	10.8	20.6
12 7	6 3.30	+35 37.7	1.687	2.636	7.3	20.4
12 17	5 51.99	+35 12.8	1.660	2.630	4.5	20.2
12 27	5 40.42	+34 31.1	1.661	2.624	5.4	20.2
1 6	5 30.08	+33 35.7	1.690	2.618	8.8	20.4
1 16	5 22.16	+32 32.1	1.745	2.612	12.5	20.6
1 26	5 17.42	+31 26.6	1.822	2.607	15.7	20.8

135837 2002 SF_{11} 12 19.3 176°.61 0°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.40	+24 32.0	2.717	3.547	9.9	20.7
11 27	6 7.45	+24 40.9	2.639	3.548	7.2	20.5
12 7	5 59.89	+24 48.6	2.588	3.549	4.1	20.3
12 17	5 51.33	+24 53.9	2.567	3.550	0.9	20.0
12 27	5 42.59	+24 56.3	2.577	3.550	2.6	20.2
1 6	5 34.49	+24 56.1	2.617	3.550	5.8	20.4
1 16	5 27.74	+24 54.1	2.685	3.550	8.7	20.6
1 26	5 22.88	+24 51.7	2.779	3.550	11.2	20.8

449937 2015 OJ_{36} 12 19.3 106°.88 1°.9/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.18	+18 12.8	1.903	2.738	13.3	21.6
11 27	6 10.48	+18 4.4	1.844	2.754	9.7	21.4
12 7	6 1.69	+17 59.4	1.810	2.770	5.7	21.2
12 17	5 51.67	+17 57.6	1.805	2.785	2.2	21.0
12 27	5 41.57	+17 59.1	1.829	2.800	3.9	21.1
1 6	5 32.50	+18 4.0	1.882	2.815	7.8	21.4
1 16	5 25.37	+18 12.6	1.962	2.829	11.3	21.6
1 26	5 20.76	+18 24.9	2.064	2.843	14.3	21.9

245807 2006 HZ_{102} 12 19.3 153°.07 4°.6/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.91	+11 9.7	2.176	2.996	12.4	21.9
11 27	6 9.35	+10 23.7	2.109	3.004	9.5	21.7
12 7	6 0.98	+ 9 44.7	2.068	3.011	6.5	21.6
12 17	5 51.54	+ 9 15.0	2.055	3.018	4.7	21.5
12 27	5 41.99	+ 8 56.4	2.072	3.024	5.6	21.5
1 6	5 33.26	+ 8 49.4	2.118	3.030	8.3	21.7
1 16	5 26.16	+ 8 53.8	2.191	3.035	11.2	21.9
1 26	5 21.23	+ 9 8.0	2.286	3.040	13.8	22.1

427111 2014 UU_{88} 12 19.3 229°.84 0°.3/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.74	+23 41.9	2.435	3.269	10.8	21.4
11 27	6 7.90	+23 58.0	2.354	3.265	7.9	21.2
12 7	6 0.24	+24 13.8	2.299	3.260	4.5	21.0
12 17	5 51.42	+24 27.9	2.272	3.255	0.9	20.7
12 27	5 42.33	+24 39.3	2.277	3.251	2.9	20.8
1 6	5 33.90	+24 47.8	2.311	3.246	6.4	21.1
1 16	5 26.94	+24 54.2	2.373	3.241	9.6	21.3
1 26	5 22.09	+24 59.7	2.459	3.235	12.3	21.4

117753 2005 GU_{53} 12 19.3 220°.10 2°.7/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.57	+30 47.1	2.234	3.059	11.9	20.9
11 27	6 11.69	+31 11.4	2.148	3.051	8.9	20.7
12 7	6 2.53	+31 30.2	2.088	3.042	5.6	20.5
12 17	5 51.87	+31 40.3	2.056	3.033	2.8	20.3
12 27	5 40.82	+31 40.0	2.055	3.023	4.1	20.3
1 6	5 30.60	+31 29.8	2.084	3.012	7.4	20.5
1 16	5 22.22	+31 12.1	2.140	3.001	10.8	20.7
1 26	5 16.42	+30 50.4	2.219	2.989	13.7	20.9

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
313555 2003 BO_{67}			12 19.3 306°.50		3°.3/19.5 17	
	h m	° ′			°	m
11 17	6 14.13	+13 47.2	1.809	2.647	13.8	20.6
11 27	6 8.65	+13 54.2	1.729	2.637	10.4	20.4
12 7	6 0.87	+14 10.1	1.673	2.628	6.6	20.1
12 17	5 51.56	+14 35.1	1.643	2.619	3.5	19.9
12 27	5 41.84	+15 8.3	1.642	2.610	4.8	20.0
1 6	5 32.91	+15 48.3	1.669	2.602	8.6	20.2
1 16	5 25.80	+16 33.3	1.723	2.593	12.4	20.4
1 26	5 21.30	+17 21.6	1.798	2.585	15.8	20.6
366575 2002 TF_{27}			12 19.3 51°.72		2°.4/19.4 18	
11 17	6 16.40	+30 1.0	1.980	2.816	12.8	20.9
11 27	6 9.96	+30 19.7	1.932	2.841	9.4	20.7
12 7	6 1.39	+30 32.3	1.908	2.865	5.7	20.5
12 17	5 51.63	+30 36.4	1.912	2.891	2.6	20.4
12 27	5 41.87	+30 31.1	1.946	2.916	3.9	20.5
1 6	5 33.25	+30 17.9	2.008	2.941	7.3	20.8
1 16	5 26.66	+29 59.4	2.097	2.967	10.6	21.0
1 26	5 22.64	+29 38.7	2.209	2.992	13.3	21.3
74971 1999 TO_{217}			12 19.3 332°.09		4°.6/19.1 18	
11 17	6 16.24	+14 35.6	1.336	2.188	16.9	18.9
11 27	6 10.69	+13 59.7	1.269	2.184	12.7	18.7
12 7	6 2.21	+13 31.6	1.223	2.181	8.2	18.4
12 17	5 51.84	+13 13.6	1.202	2.177	4.8	18.2
12 27	5 41.08	+13 7.7	1.208	2.174	6.4	18.3
1 6	5 31.54	+13 14.3	1.239	2.172	10.9	18.5
1 16	5 24.50	+13 32.8	1.293	2.169	15.3	18.8
1 26	5 20.77	+14 1.1	1.367	2.167	19.2	19.0
16554 1991 UE_{2}			12 19.3 349°.14		1°.7/19.3 18	
11 17	6 16.51	+26 22.4	1.492	2.345	15.4	17.2
11 27	6 10.90	+26 47.9	1.422	2.341	11.3	16.9
12 7	6 2.35	+27 11.2	1.375	2.338	6.6	16.6
12 17	5 51.87	+27 28.7	1.354	2.336	2.1	16.3
12 27	5 40.96	+27 38.3	1.360	2.334	4.4	16.5
1 6	5 31.24	+27 40.0	1.393	2.333	9.2	16.8
1 16	5 24.01	+27 36.2	1.450	2.332	13.7	17.0
1 26	5 20.11	+27 30.1	1.528	2.331	17.4	17.3
275255 2009 XB_{25}			12 19.3 92°.38		2°.1/19.4 18 R	
11 17	6 19.16	+17 3.2	1.617	2.456	15.1	20.6
11 27	6 12.21	+17 16.1	1.563	2.475	11.0	20.4
12 7	6 2.79	+17 35.0	1.534	2.494	6.5	20.2
12 17	5 51.91	+17 58.7	1.531	2.512	2.4	20.0
12 27	5 40.94	+18 25.8	1.558	2.530	4.3	20.2
1 6	5 31.19	+18 54.9	1.612	2.547	8.6	20.5
1 16	5 23.72	+19 25.5	1.693	2.565	12.6	20.7
1 26	5 19.16	+19 57.2	1.796	2.582	15.8	21.0
328916 2010 UH_{25}			12 19.3 35°.94		3°.1/19.1 18	
11 17	6 17.60	+19 2.5	1.121	1.986	18.5	20.4
11 27	6 11.87	+18 19.0	1.070	1.994	13.6	20.1
12 7	6 2.89	+17 38.7	1.039	2.003	8.1	19.9
12 17	5 51.95	+17 3.7	1.033	2.013	3.4	19.6
12 27	5 40.88	+16 36.7	1.051	2.023	5.8	19.8
1 6	5 31.50	+16 19.6	1.094	2.034	11.1	20.1
1 16	5 25.08	+16 13.5	1.159	2.046	15.9	20.4
1 26	5 22.35	+16 17.9	1.244	2.057	19.9	20.7
247980 2004 CF_{14}			12 19.3 80°.68		1°.7/19.4 18	
11 17	6 17.38	+28 17.3	1.825	2.665	13.6	20.2
11 27	6 10.97	+28 17.7	1.756	2.668	10.0	20.0
12 7	6 2.13	+28 12.6	1.712	2.672	5.9	19.8
12 17	5 51.80	+28 0.1	1.695	2.676	2.0	19.5
12 27	5 41.28	+27 40.0	1.707	2.680	3.8	19.7
1 6	5 31.87	+27 13.9	1.748	2.684	8.0	19.9
1 16	5 24.62	+26 45.1	1.814	2.688	11.8	20.2
1 26	5 20.20	+26 16.8	1.904	2.692	15.0	20.4
447957 2008 BK_{27}			12 19.3 335°.36		1°.6/19.5 17	
11 17	6 16.25	+28 22.1	1.607	2.455	14.7	20.6
11 27	6 10.51	+28 12.6	1.532	2.449	10.8	20.4
12 7	6 2.03	+27 56.4	1.481	2.443	6.4	20.1
12 17	5 51.80	+27 31.9	1.455	2.437	2.0	19.8
12 27	5 41.25	+26 59.2	1.457	2.432	4.1	19.9
1 6	5 31.87	+26 20.9	1.487	2.427	8.8	20.2
1 16	5 24.85	+25 41.0	1.542	2.422	13.1	20.4
1 26	5 20.95	+25 3.4	1.618	2.418	16.7	20.7
43155 1999 XE_{120}			12 19.3 269°.76		0°.7/19.2 18	
11 17	6 14.37	+22 50.7	2.180	3.017	11.8	18.4
11 27	6 8.46	+22 25.6	2.098	3.011	8.6	18.2
12 7	6 0.60	+21 58.7	2.042	3.004	4.9	18.0
12 17	5 51.51	+21 30.3	2.014	2.997	1.1	17.7
12 27	5 42.20	+21 1.2	2.017	2.991	3.2	17.8
1 6	5 33.69	+20 33.2	2.049	2.984	7.1	18.1
1 16	5 26.84	+20 8.1	2.108	2.977	10.6	18.3
1 26	5 22.28	+19 47.5	2.191	2.970	13.5	18.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
123906 2001 DS_{76}			12 19.3 249°.36		4°.6/19.2 18	
	h m	° ′			°	m
11 17	6 12.27	+ 9 28.0	2.252	3.073	12.0	20.0
11 27	6 6.82	+ 9 5.6	2.175	3.069	9.3	19.8
12 7	5 59.63	+ 8 52.2	2.123	3.064	6.5	19.7
12 17	5 51.33	+ 8 49.3	2.098	3.060	4.7	19.5
12 27	5 42.80	+ 8 57.8	2.103	3.055	5.5	19.6
1 6	5 34.93	+ 9 17.4	2.136	3.051	8.1	19.7
1 16	5 28.50	+ 9 46.7	2.195	3.046	11.0	19.9
1 26	5 24.10	+10 23.9	2.278	3.042	13.6	20.1
137899 2000 AR_{187}			12 19.3 297°.14		6°.1/20.5 18	
11 17	6 20.24	+ 5 52.6	1.434	2.256	17.5	18.5
11 27	6 14.06	+ 6 36.7	1.332	2.226	13.9	18.2
12 7	6 4.55	+ 7 46.7	1.252	2.195	9.8	17.8
12 17	5 52.39	+ 9 24.3	1.197	2.164	6.4	17.6
12 27	5 38.96	+11 26.6	1.171	2.133	7.3	17.5
1 6	5 26.03	+13 45.9	1.172	2.102	11.7	17.7
1 16	5 15.30	+16 13.4	1.200	2.072	16.7	17.9
1 26	5 8.09	+18 40.8	1.250	2.041	21.1	18.1
326527 2002 OM_{7}			12 19.3 156°.51		5°.9/19.1 17	
11 17	6 11.24	+ 1 51.2	2.879	3.664	10.6	21.9
11 27	6 5.68	+ 1 18.2	2.811	3.670	8.7	21.8
12 7	5 58.81	+ 0 56.3	2.769	3.676	6.9	21.7
12 17	5 51.17	+ 0 47.7	2.755	3.682	5.9	21.6
12 27	5 43.41	+ 0 53.3	2.770	3.687	6.3	21.6
1 6	5 36.21	+ 1 12.7	2.813	3.692	7.8	21.7
1 16	5 30.13	+ 1 44.3	2.883	3.696	9.7	21.9
1 26	5 25.63	+ 2 25.7	2.976	3.700	11.5	22.0
202645 2006 JD_{34}			12 19.3 146°.65		0°.2/19.3 17	
11 17	6 13.19	+23 50.3	2.815	3.644	9.7	21.5
11 27	6 7.22	+23 58.1	2.743	3.651	7.0	21.3
12 7	5 59.74	+24 5.0	2.697	3.658	4.0	21.1
12 17	5 51.35	+24 10.1	2.682	3.665	0.8	20.9
12 27	5 42.82	+24 12.9	2.697	3.671	2.5	21.1
1 6	5 34.93	+24 13.7	2.744	3.677	5.6	21.3
1 16	5 28.34	+24 13.1	2.819	3.683	8.4	21.5
1 26	5 23.55	+24 12.4	2.918	3.688	10.7	21.6
180187 2003 QA_{32}			12 19.3 30°.28		5°.8/19.5 18	
11 17	6 15.24	+12 53.1	0.928	1.800	20.7	19.4
11 27	6 10.39	+12 25.8	0.890	1.815	15.6	19.2
12 7	6 2.11	+12 13.8	0.871	1.831	10.1	19.0
12 17	5 51.81	+12 19.3	0.874	1.849	6.1	18.8
12 27	5 41.48	+12 42.3	0.899	1.867	7.6	19.0
1 6	5 33.02	+13 20.0	0.947	1.887	12.4	19.3
1 16	5 27.72	+14 8.4	1.016	1.908	17.1	19.6
1 26	5 26.25	+15 3.1	1.103	1.930	21.1	20.0
364849 2008 CJ_{200}			12 19.3 343°.11		5°.5/19.0 18	
11 17	6 13.15	+10 19.1	1.766	2.600	14.3	20.8
11 27	6 7.84	+ 9 39.1	1.696	2.597	11.0	20.6
12 7	6 0.35	+ 9 8.8	1.649	2.594	7.7	20.4
12 17	5 51.49	+ 8 51.0	1.628	2.592	5.6	20.3
12 27	5 42.37	+ 8 47.5	1.635	2.590	6.6	20.3
1 6	5 34.14	+ 8 58.3	1.669	2.588	9.7	20.5
1 16	5 27.74	+ 9 22.2	1.727	2.586	13.0	20.7
1 26	5 23.85	+ 9 56.6	1.807	2.585	16.1	20.9
285272 1998 RM_{11}			12 19.3 74°.56		5°.3/19.5 17	
11 17	6 18.23	+38 11.5	2.167	2.983	12.6	20.7
11 27	6 11.57	+38 53.9	2.100	2.988	9.8	20.5
12 7	6 2.50	+39 25.3	2.058	2.994	7.1	20.4
12 17	5 51.90	+39 41.4	2.044	3.000	5.4	20.3
12 27	5 41.05	+39 40.0	2.058	3.006	6.0	20.3
1 6	5 31.25	+39 22.2	2.100	3.012	8.4	20.5
1 16	5 23.56	+38 51.7	2.168	3.018	11.1	20.7
1 26	5 18.66	+38 13.6	2.259	3.023	13.6	20.9
134016 2004 VU_{53}			12 19.3 4°.10		0°.8/19.3 18	
11 17	6 10.25	+25 33.9	2.036	2.884	12.1	19.6
11 27	6 5.65	+25 42.9	1.968	2.885	8.8	19.4
12 7	5 59.06	+25 49.8	1.923	2.886	5.0	19.1
12 17	5 51.25	+25 53.5	1.906	2.889	1.3	18.9
12 27	5 43.24	+25 53.3	1.918	2.893	3.2	19.0
1 6	5 36.05	+25 49.7	1.959	2.898	7.0	19.3
1 16	5 30.57	+25 43.9	2.025	2.903	10.5	19.5
1 26	5 27.41	+25 37.7	2.114	2.910	13.4	19.7
20111 1995 SO_{5}			12 19.3 119°.14		4°.1/19.1 18	
11 17	6 22.45	+32 34.4	1.976	2.800	13.4	18.1
11 27	6 14.65	+33 35.3	1.917	2.816	10.0	17.9
12 7	6 4.27	+34 29.0	1.884	2.832	6.6	17.7
12 17	5 52.25	+35 10.2	1.878	2.848	4.2	17.6
12 27	5 39.98	+35 35.7	1.903	2.863	5.3	17.7
1 6	5 28.85	+35 45.6	1.957	2.877	8.4	17.9
1 16	5 19.99	+35 43.0	2.038	2.891	11.6	18.2
1 26	5 14.14	+35 32.3	2.141	2.905	14.3	18.4

159298 2006 BV_{46} 12 19.3 29.°31 4.°7/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 12.53	+ 9 58.4	1.962	2.791	13.2	19.8
11 27	6 7.17	+ 9 44.0	1.896	2.795	10.2	19.6
12 7	5 59.89	+ 9 39.9	1.854	2.799	7.0	19.4
12 17	5 51.42	+ 9 47.4	1.838	2.804	4.8	19.3
12 27	5 42.75	+10 7.0	1.851	2.808	5.7	19.3
1 6	5 34.89	+10 37.4	1.892	2.813	8.5	19.5
1 16	5 28.69	+11 16.8	1.959	2.819	11.7	19.7
1 26	5 24.77	+12 2.9	2.048	2.824	14.5	19.9

17905 Kabtamu 12 19.3 224.°52 1.°4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.47	+19 35.6	1.898	2.734	13.3	19.8
11 27	6 11.02	+19 30.5	1.815	2.726	9.8	19.6
12 7	6 2.22	+19 27.6	1.757	2.718	5.7	19.4
12 17	5 51.88	+19 26.5	1.728	2.709	1.8	19.1
12 27	5 41.16	+19 27.0	1.727	2.700	3.8	19.2
1 6	5 31.30	+19 29.6	1.756	2.691	8.1	19.4
1 16	5 23.35	+19 34.7	1.812	2.680	12.0	19.7
1 26	5 18.05	+19 43.3	1.890	2.670	15.4	19.9

372251 2008 UW_{161} 12 19.3 69.°58 4.°0/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.40	+35 7.1	2.276	3.099	11.9	21.9
11 27	6 10.05	+35 39.3	2.210	3.106	9.0	21.7
12 7	6 1.56	+36 3.0	2.168	3.113	6.1	21.5
12 17	5 51.74	+36 14.8	2.154	3.120	4.1	21.4
12 27	5 41.71	+36 13.1	2.170	3.128	4.9	21.5
1 6	5 32.63	+35 58.8	2.214	3.135	7.5	21.6
1 16	5 25.42	+35 34.9	2.285	3.142	10.3	21.8
1 26	5 20.73	+35 5.3	2.379	3.149	12.9	22.0

445677 2011 UV_{103} 12 19.3 88.°22 3.°3/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.67	+31 34.8	1.860	2.691	13.8	21.4
11 27	6 13.27	+32 7.1	1.808	2.713	10.2	21.2
12 7	6 3.39	+32 31.6	1.780	2.734	6.4	21.0
12 17	5 52.08	+32 44.8	1.781	2.755	3.5	20.9
12 27	5 40.70	+32 44.9	1.810	2.776	4.7	21.0
1 6	5 30.61	+32 33.4	1.868	2.797	8.1	21.3
1 16	5 22.84	+32 13.7	1.953	2.817	11.5	21.5
1 26	5 18.01	+31 50.1	2.060	2.837	14.4	21.7

445180 2009 BL_{97} 12 19.3 348.°17 1.°7/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.25	+19 30.6	1.400	2.258	15.9	21.6
11 27	6 9.27	+19 28.9	1.331	2.252	11.7	21.3
12 7	6 1.45	+19 31.2	1.283	2.247	6.8	21.0
12 17	5 51.76	+19 37.1	1.261	2.243	2.1	20.7
12 27	5 41.64	+19 45.9	1.265	2.240	4.5	20.9
1 6	5 32.67	+19 57.7	1.296	2.237	9.6	21.1
1 16	5 26.10	+20 12.5	1.350	2.235	14.2	21.4
1 26	5 22.76	+20 30.5	1.424	2.234	18.1	21.7

312372 2008 EK_{21} 12 19.3 307.°35 0.°3/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.72	+22 42.5	1.870	2.713	13.2	20.5
11 27	6 9.84	+23 8.2	1.794	2.709	9.6	20.3
12 7	6 1.59	+23 35.3	1.743	2.706	5.5	20.0
12 17	5 51.79	+24 1.5	1.719	2.702	1.1	19.7
12 27	5 41.61	+24 24.8	1.724	2.699	3.5	19.9
1 6	5 32.31	+24 44.6	1.758	2.696	7.8	20.1
1 16	5 24.95	+25 1.3	1.819	2.693	11.7	20.4
1 26	5 20.27	+25 16.3	1.902	2.690	15.0	20.6

273412 Eduardomissoni 12 19.3 138.°41 3.°4/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.41	+32 7.7	1.668	2.500	15.0	21.3
11 27	6 15.59	+32 22.1	1.604	2.510	11.2	21.1
12 7	6 4.87	+32 27.0	1.565	2.519	7.1	20.9
12 17	5 52.40	+32 18.6	1.552	2.528	3.7	20.7
12 27	5 39.77	+31 55.9	1.569	2.536	5.0	20.8
1 6	5 28.59	+31 21.3	1.613	2.544	8.9	21.1
1 16	5 20.05	+30 39.9	1.684	2.552	12.8	21.3
1 26	5 14.88	+29 57.1	1.776	2.558	16.1	21.6

497546 2006 CK_{67} 12 19.3 330.°58 0.°9/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.02	+21 39.4	1.334	2.195	16.4	20.9
11 27	6 10.07	+21 34.2	1.260	2.183	12.0	20.6
12 7	6 2.03	+21 30.3	1.207	2.172	7.0	20.3
12 17	5 51.91	+21 26.9	1.179	2.162	1.6	19.9
12 27	5 41.24	+21 23.7	1.177	2.152	4.5	20.1
1 6	5 31.75	+21 21.4	1.201	2.144	10.0	20.4
1 16	5 24.81	+21 21.6	1.248	2.136	14.9	20.7
1 26	5 21.36	+21 25.4	1.315	2.128	19.1	20.9

21879 1999 UH_{13} 12 19.3 82.°62 1.°2/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.38	+26 32.3	1.674	2.517	14.4	18.6
11 27	6 11.82	+26 39.2	1.612	2.527	10.5	18.4
12 7	6 2.68	+26 42.5	1.574	2.536	6.1	18.2
12 17	5 51.98	+26 39.8	1.563	2.546	1.7	17.9
12 27	5 41.12	+26 30.5	1.581	2.555	3.9	18.1
1 6	5 31.48	+26 15.9	1.627	2.564	8.3	18.4
1 16	5 24.17	+25 58.7	1.698	2.574	12.3	18.6
1 26	5 19.85	+25 42.0	1.792	2.583	15.7	18.9

241356 2007 WR_{58} 12 19.3 81.°63 0.°0/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.78	+22 10.6	1.817	2.653	13.8	20.5
11 27	6 12.42	+22 32.3	1.770	2.682	9.9	20.3
12 7	6 2.83	+22 54.6	1.749	2.711	5.6	20.1
12 17	5 51.99	+23 15.1	1.756	2.739	1.1	19.9
12 27	5 41.16	+23 32.5	1.793	2.767	3.4	20.1
1 6	5 31.56	+23 46.7	1.859	2.794	7.6	20.4
1 16	5 24.11	+23 58.5	1.952	2.821	11.2	20.7
1 26	5 19.39	+24 9.4	2.067	2.848	14.2	21.0

219178 1999 TX_{175} 12 19.3 104.°59 2.°6/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.98	+16 53.7	2.188	3.021	11.9	19.8
11 27	6 8.04	+16 21.2	2.121	3.029	8.8	19.6
12 7	6 0.31	+15 51.8	2.080	3.036	5.4	19.4
12 17	5 51.53	+15 26.7	2.067	3.043	2.7	19.3
12 27	5 42.63	+15 7.0	2.084	3.051	4.1	19.4
1 6	5 34.56	+14 53.7	2.130	3.058	7.3	19.6
1 16	5 28.09	+14 47.2	2.203	3.065	10.5	19.8
1 26	5 23.77	+14 47.6	2.299	3.072	13.2	20.0

251568 2009 EL_{15} 12 19.3 93.°18 2.°0/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.60	+27 39.0	1.465	2.302	16.5	20.8
11 27	6 17.75	+28 0.4	1.423	2.334	12.0	20.6
12 7	6 5.97	+28 15.9	1.405	2.365	7.0	20.4
12 17	5 52.59	+28 21.8	1.414	2.395	2.4	20.2
12 27	5 39.36	+28 17.0	1.451	2.424	4.5	20.4
1 6	5 27.94	+28 3.4	1.517	2.452	9.1	20.8
1 16	5 19.47	+27 45.1	1.609	2.479	13.2	21.1
1 26	5 14.51	+27 26.4	1.721	2.505	16.5	21.4

302729 2002 TT_{328} 12 19.3 167.°85 2.°1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.46	+28 58.9	2.189	3.017	12.1	21.9
11 27	6 11.53	+29 21.4	2.115	3.021	8.9	21.7
12 7	6 2.43	+29 39.3	2.067	3.024	5.4	21.5
12 17	5 51.96	+29 50.0	2.048	3.027	2.3	21.3
12 27	5 41.23	+29 52.0	2.060	3.030	3.7	21.4
1 6	5 31.41	+29 45.9	2.101	3.031	7.2	21.6
1 16	5 23.46	+29 33.9	2.169	3.033	10.5	21.9
1 26	5 18.03	+29 19.0	2.261	3.034	13.4	22.1

446389 2014 HA_{169} 12 19.3 150.°50 1.°5/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.27	+27 18.6	1.790	2.630	13.8	22.1
11 27	6 11.72	+27 27.8	1.720	2.632	10.1	21.8
12 7	6 2.66	+27 32.9	1.674	2.634	5.9	21.6
12 17	5 52.01	+27 31.4	1.655	2.636	1.9	21.3
12 27	5 41.09	+27 22.5	1.665	2.638	3.9	21.5
1 6	5 31.28	+27 7.3	1.704	2.640	8.1	21.7
1 16	5 23.65	+26 48.6	1.768	2.641	12.0	22.0
1 26	5 18.94	+26 29.5	1.856	2.643	15.3	22.2

493851 2015 XP_{37} 12 19.3 153.°12 3.°1/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.21	+14 25.3	2.091	2.922	12.4	21.3
11 27	6 8.35	+14 12.6	2.020	2.925	9.3	21.1
12 7	6 0.57	+14 6.1	1.973	2.927	5.9	20.9
12 17	5 51.60	+14 6.2	1.954	2.929	3.2	20.7
12 27	5 42.42	+14 13.3	1.965	2.931	4.4	20.8
1 6	5 34.03	+14 27.2	2.005	2.933	7.7	21.0
1 16	5 27.28	+14 47.3	2.071	2.934	11.0	21.2
1 26	5 22.76	+15 12.6	2.161	2.936	13.9	21.4

13712 1998 QL_{30} 12 19.3 67.°48 2.°6/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.66	+16 59.5	1.359	2.209	16.8	17.6
11 27	6 12.24	+17 1.3	1.307	2.224	12.3	17.4
12 7	6 3.00	+17 10.1	1.278	2.239	7.3	17.1
12 17	5 52.06	+17 25.2	1.274	2.255	2.9	16.9
12 27	5 41.00	+17 45.5	1.298	2.270	4.9	17.1
1 6	5 31.35	+18 10.0	1.348	2.286	9.7	17.4
1 16	5 24.29	+18 37.9	1.422	2.301	14.0	17.7
1 26	5 20.51	+19 8.5	1.517	2.317	17.6	18.0

331079 2009 WO_{94} 12 19.3 13.°68 1.°0/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.12	+19 47.2	1.655	2.506	14.2	20.4
11 27	6 8.04	+20 2.8	1.591	2.510	10.3	20.2
12 7	6 0.58	+20 22.3	1.551	2.515	6.0	19.9
12 17	5 51.62	+20 44.2	1.538	2.520	1.5	19.6
12 27	5 42.40	+21 7.3	1.552	2.527	3.8	19.8
1 6	5 34.20	+21 30.7	1.594	2.534	8.2	20.1
1 16	5 28.04	+21 54.1	1.661	2.542	12.2	20.4
1 26	5 24.64	+22 17.7	1.750	2.551	15.6	20.6

382640 2002 QH_{140} 12 19.3 169.°31 0.°4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.75	+23 6.5	1.754	2.591	14.2	21.7
11 27	6 13.56	+23 32.1	1.683	2.595	10.4	21.5
12 7	6 3.75	+23 58.3	1.636	2.598	5.9	21.2
12 17	5 52.24	+24 22.3	1.617	2.601	1.2	20.9
12 27	5 40.38	+24 42.0	1.628	2.603	3.7	21.1
1 6	5 29.58	+24 57.0	1.668	2.604	8.3	21.4
1 16	5 21.02	+25 8.2	1.735	2.605	12.4	21.6
1 26	5 15.45	+25 17.9	1.823	2.605	15.8	21.8

82404 2001 NV_8 12 19.3 83°.55 5°.0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.73	+36 53.6	1.856	2.679	14.1	19.5
11 27	6 13.52	+37 16.8	1.796	2.691	10.8	19.3
12 7	6 3.65	+37 27.7	1.761	2.704	7.5	19.1
12 17	5 52.20	+37 22.1	1.752	2.716	5.1	19.0
12 27	5 40.65	+36 58.6	1.771	2.728	5.9	19.1
1 6	5 30.46	+36 20.0	1.819	2.741	8.8	19.3
1 16	5 22.73	+35 31.4	1.892	2.753	12.0	19.5
1 26	5 18.11	+34 38.5	1.988	2.765	14.8	19.7

197397 2003 YU_{28} 12 19.3 74°.53 0°.8/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.41	+23 37.6	2.227	3.060	11.7	19.7
11 27	6 9.85	+24 19.6	2.172	3.082	8.5	19.5
12 7	6 1.38	+25 1.5	2.143	3.104	4.8	19.3
12 17	5 51.77	+25 40.7	2.143	3.125	1.2	19.1
12 27	5 42.02	+26 15.1	2.174	3.147	3.1	19.3
1 6	5 33.15	+26 43.9	2.235	3.168	6.6	19.6
1 16	5 26.00	+27 7.4	2.323	3.190	9.8	19.8
1 26	5 21.14	+27 27.1	2.436	3.211	12.5	20.0

111811 2002 CN_{283} 12 19.3 5°.93 30°.6/ 8.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.88	+72 44.4	0.804	1.561	33.0	16.9
11 27	6 31.17	+75 49.2	0.788	1.559	32.3	16.8
12 7	6 20.71	+77 53.5	0.781	1.561	31.6	16.8
12 17	5 55.96	+78 38.3	0.780	1.566	31.1	16.8
12 27	5 29.41	+77 51.7	0.788	1.574	30.7	16.8
1 6	5 14.64	+75 42.7	0.803	1.586	30.6	16.8
1 16	5 14.08	+72 31.4	0.828	1.601	30.6	16.9
1 26	5 23.88	+68 37.9	0.863	1.619	31.0	17.1

480562 2015 MJ_{68} 12 19.3 130°.10 0°.7/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.49	+20 10.2	1.789	2.627	13.9	21.7
11 27	6 11.77	+20 30.7	1.723	2.636	10.1	21.4
12 7	6 2.65	+20 54.1	1.682	2.644	5.8	21.2
12 17	5 52.03	+21 18.8	1.669	2.652	1.3	20.9
12 27	5 41.15	+21 43.0	1.685	2.659	3.7	21.1
1 6	5 31.31	+22 5.9	1.730	2.666	8.0	21.4
1 16	5 23.55	+22 27.7	1.802	2.673	11.9	21.6
1 26	5 18.57	+22 49.1	1.896	2.680	15.2	21.9

462481 2008 UB_{295} 12 19.3 222°.23 2°.5/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.48	+16 47.2	2.446	3.277	10.9	21.2
11 27	6 6.89	+16 14.2	2.369	3.275	8.0	21.0
12 7	5 59.66	+15 43.7	2.317	3.273	5.0	20.8
12 17	5 51.44	+15 16.9	2.295	3.271	2.6	20.7
12 27	5 43.06	+14 55.0	2.302	3.269	3.8	20.7
1 6	5 35.35	+14 39.0	2.340	3.267	6.8	20.9
1 16	5 29.03	+14 29.5	2.405	3.265	9.8	21.1
1 26	5 24.64	+14 26.6	2.494	3.262	12.4	21.3

387293 2012 UY_{171} 12 19.3 162°.76 3°.1/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.16	+31 34.5	1.947	2.775	13.4	21.6
11 27	6 13.74	+31 54.9	1.877	2.780	10.0	21.4
12 7	6 3.78	+32 7.9	1.831	2.785	6.3	21.2
12 17	5 52.24	+32 9.9	1.813	2.789	3.3	21.0
12 27	5 40.47	+31 59.5	1.825	2.792	4.5	21.1
1 6	5 29.82	+31 38.2	1.866	2.795	8.1	21.4
1 16	5 21.40	+31 9.4	1.934	2.798	11.6	21.6
1 26	5 15.91	+30 37.8	2.025	2.800	14.7	21.8

124006 2001 FT_{86} 12 19.3 140°.05 5°.3/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.13	+ 5 56.5	2.447	3.254	11.6	19.6
11 27	6 6.57	+ 5 36.0	2.378	3.259	9.2	19.5
12 7	5 59.46	+ 5 26.3	2.334	3.263	6.8	19.3
12 17	5 51.40	+ 5 29.0	2.318	3.268	5.4	19.2
12 27	5 43.19	+ 5 44.8	2.331	3.272	5.9	19.3
1 6	5 35.63	+ 6 12.8	2.373	3.276	8.0	19.4
1 16	5 29.39	+ 6 51.3	2.441	3.280	10.4	19.6
1 26	5 25.01	+ 7 37.9	2.533	3.284	12.7	19.7

448485 2010 JR_{73} 12 19.3 104°.13 5°.7/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.49	+35 34.0	1.814	2.638	14.3	21.3
11 27	6 15.14	+36 53.9	1.753	2.648	11.1	21.1
12 7	6 4.79	+38 4.7	1.717	2.658	7.8	21.0
12 17	5 52.47	+38 59.3	1.707	2.667	5.8	20.9
12 27	5 39.70	+39 33.0	1.727	2.677	6.8	20.9
1 6	5 28.13	+39 45.7	1.774	2.686	9.6	21.1
1 16	5 19.09	+39 41.2	1.846	2.695	12.8	21.3
1 26	5 13.43	+39 25.4	1.940	2.704	15.6	21.6

173688 2001 PM_5 12 19.3 98°.35 1°.4/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.84	+17 58.3	1.978	2.812	12.9	20.3
11 27	6 10.30	+18 16.9	1.918	2.828	9.4	20.1
12 7	6 1.69	+18 39.9	1.883	2.843	5.5	19.9
12 17	5 51.85	+19 6.0	1.877	2.858	1.8	19.7
12 27	5 41.85	+19 33.8	1.901	2.873	3.5	19.8
1 6	5 32.81	+20 2.4	1.954	2.888	7.4	20.1
1 16	5 25.60	+20 31.1	2.034	2.902	10.9	20.3
1 26	5 20.85	+21 0.1	2.137	2.916	13.8	20.6

82497 2001 OQ_{43} 12 19.3 163°.62 5°.1/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.29	+39 36.3	2.427	3.229	11.9	20.5
11 27	6 13.59	+40 4.9	2.355	3.234	9.3	20.3
12 7	6 3.60	+40 21.7	2.309	3.239	6.8	20.2
12 17	5 52.22	+40 22.9	2.291	3.244	5.2	20.1
12 27	5 40.64	+40 7.0	2.302	3.247	5.7	20.1
1 6	5 30.11	+39 35.3	2.343	3.251	7.8	20.3
1 16	5 21.60	+38 52.0	2.411	3.253	10.4	20.4
1 26	5 15.76	+38 2.3	2.502	3.256	12.7	20.6

38171 1999 JM_{103} 12 19.3 316°.21 4°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.70	+14 14.9	1.331	2.180	17.1	19.1
11 27	6 11.81	+13 54.1	1.264	2.178	12.9	18.9
12 7	6 2.94	+13 42.5	1.220	2.177	8.2	18.6
12 17	5 52.13	+13 41.7	1.200	2.176	4.6	18.4
12 27	5 40.91	+13 52.4	1.207	2.174	6.2	18.5
1 6	5 30.94	+14 14.0	1.239	2.173	10.8	18.7
1 16	5 23.50	+14 44.9	1.295	2.172	15.3	19.0
1 26	5 19.45	+15 23.3	1.371	2.171	19.1	19.2

138431 2000 HZ_{81} 12 19.3 68°.52 4°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.25	+33 5.2	1.758	2.591	14.3	19.3
11 27	6 13.25	+33 57.4	1.706	2.610	10.8	19.1
12 7	6 3.55	+34 41.1	1.678	2.629	7.1	18.9
12 17	5 52.21	+35 11.1	1.677	2.648	4.5	18.8
12 27	5 40.71	+35 24.7	1.705	2.666	5.6	18.9
1 6	5 30.52	+35 22.8	1.760	2.685	8.8	19.2
1 16	5 22.78	+35 9.2	1.841	2.704	12.2	19.4
1 26	5 18.17	+34 48.6	1.944	2.723	15.0	19.7

369014 2007 RP_{286} 12 19.3 149°.94 5°.4/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.96	+42 25.5	2.680	3.473	11.1	21.5
11 27	6 11.78	+42 50.1	2.609	3.478	8.9	21.4
12 7	6 2.52	+43 2.2	2.563	3.482	6.8	21.3
12 17	5 52.01	+42 58.4	2.545	3.487	5.5	21.2
12 27	5 41.36	+42 37.5	2.556	3.491	5.8	21.2
1 6	5 31.67	+42 1.1	2.596	3.495	7.6	21.3
1 16	5 23.85	+41 12.8	2.663	3.498	9.7	21.5
1 26	5 18.50	+40 17.6	2.753	3.502	11.8	21.6

249972 2001 UV_{197} 12 19.3 73°.65 2°.1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.35	+28 46.9	1.859	2.698	13.4	20.9
11 27	6 10.98	+29 4.1	1.794	2.705	9.9	20.7
12 7	6 2.21	+29 16.2	1.754	2.713	5.9	20.5
12 17	5 51.96	+29 20.6	1.741	2.721	2.4	20.2
12 27	5 41.52	+29 16.0	1.757	2.729	4.0	20.4
1 6	5 32.17	+29 3.7	1.802	2.736	7.9	20.6
1 16	5 24.95	+28 46.1	1.872	2.744	11.5	20.9
1 26	5 20.53	+28 26.8	1.966	2.752	14.6	21.1

32143 2000 LA_{27} 12 19.3 179°.99 2°.1/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.00	+31 1.0	1.959	2.785	13.3	17.8
11 27	6 14.22	+30 40.6	1.883	2.787	9.9	17.5
12 7	6 3.99	+30 10.9	1.831	2.788	6.0	17.3
12 17	5 52.30	+29 30.4	1.808	2.788	2.4	17.1
12 27	5 40.47	+28 39.7	1.816	2.788	3.9	17.2
1 6	5 29.83	+27 42.2	1.854	2.787	7.8	17.4
1 16	5 21.42	+26 42.8	1.919	2.785	11.6	17.6
1 26	5 15.89	+25 45.9	2.007	2.783	14.7	17.9

469390 2001 SS_{333} 12 19.3 28°.08 2°.1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.10	+27 5.8	1.081	1.950	18.7	20.6
11 27	6 11.82	+27 24.8	1.037	1.963	13.6	20.3
12 7	6 3.03	+27 38.9	1.012	1.978	8.0	20.1
12 17	5 52.13	+27 44.4	1.011	1.993	2.6	19.8
12 27	5 41.13	+27 39.8	1.035	2.010	5.1	20.0
1 6	5 31.98	+27 27.1	1.083	2.028	10.6	20.4
1 16	5 26.04	+27 10.2	1.153	2.047	15.4	20.7
1 26	5 24.01	+26 53.2	1.243	2.066	19.4	21.0

520829 2014 UC_{234} 12 19.3 204°.78 1°.1/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.66	+26 59.9	2.407	3.239	11.0	21.8
11 27	6 8.63	+27 6.6	2.328	3.237	8.0	21.7
12 7	6 0.74	+27 10.2	2.275	3.235	4.7	21.4
12 17	5 51.69	+27 9.2	2.251	3.233	1.4	21.2
12 27	5 42.41	+27 2.9	2.258	3.231	3.0	21.3
1 6	5 33.87	+26 52.1	2.294	3.228	6.5	21.5
1 16	5 26.90	+26 38.4	2.358	3.226	9.6	21.7
1 26	5 22.11	+26 23.9	2.447	3.223	12.4	21.9

491664 2012 TD_{302} 12 19.3 59°.64 1°.8/19.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.89	+26 56.1	1.342	2.193	16.8	20.9
11 27	6 13.95	+27 14.3	1.298	2.216	12.2	20.7
12 7	6 3.98	+27 28.0	1.276	2.239	7.1	20.5
12 17	5 52.29	+27 33.8	1.280	2.262	2.2	20.3
12 27	5 40.63	+27 30.5	1.311	2.285	4.5	20.5
1 6	5 30.67	+27 19.7	1.369	2.309	9.4	20.8
1 16	5 23.57	+27 5.0	1.451	2.332	13.7	21.1
1 26	5 19.98	+26 50.0	1.554	2.355	17.2	21.4

291314 2006 BC_{163} 12 19.3 72°.40 0°.8/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.33	+20 49.4	2.087	2.925	12.2	21.0
11 27	6 8.46	+20 49.3	2.022	2.934	8.8	20.8
12 7	6 0.65	+20 50.6	1.982	2.943	5.1	20.6
12 17	5 51.67	+20 52.6	1.970	2.952	1.3	20.3
12 27	5 42.53	+20 55.0	1.988	2.962	3.2	20.5
1 6	5 34.27	+20 58.1	2.035	2.971	7.0	20.7
1 16	5 27.71	+21 2.4	2.109	2.980	10.5	21.0
1 26	5 23.46	+21 8.6	2.206	2.989	13.4	21.2

115290 2003 SJ_{197} 12 19.3 348°.95 9°.9/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.10	+44 24.4	1.553	2.374	16.5	19.1
11 27	6 12.15	+45 44.8	1.484	2.363	13.8	18.9
12 7	6 3.52	+46 48.2	1.436	2.353	11.3	18.7
12 17	5 52.29	+47 25.4	1.411	2.344	9.9	18.6
12 27	5 40.37	+47 30.9	1.411	2.336	10.5	18.7
1 6	5 29.85	+47 5.3	1.434	2.330	12.7	18.8
1 16	5 22.46	+46 14.9	1.479	2.325	15.6	18.9
1 26	5 19.19	+45 8.9	1.544	2.322	18.3	19.1

519733 2013 CL_{225} 12 19.3 180°.34 0°.3/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.82	+24 25.6	2.036	2.872	12.5	21.7
11 27	6 10.42	+24 27.4	1.961	2.873	9.1	21.5
12 7	6 1.85	+24 27.4	1.912	2.873	5.2	21.2
12 17	5 51.92	+24 24.4	1.890	2.873	1.1	20.9
12 27	5 41.74	+24 18.0	1.899	2.873	3.3	21.1
1 6	5 32.46	+24 8.8	1.937	2.873	7.3	21.4
1 16	5 25.04	+23 58.7	2.002	2.872	11.0	21.6
1 26	5 20.15	+23 49.4	2.090	2.871	14.0	21.8

128311 2004 CG_{74} 12 19.3 73°.03 4°.1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.36	+ 8 48.4	2.231	3.046	12.3	19.0
11 27	6 8.25	+ 9 4.5	2.174	3.065	9.4	18.8
12 7	6 0.44	+ 9 31.5	2.142	3.084	6.4	18.7
12 17	5 51.64	+10 9.1	2.138	3.103	4.3	18.6
12 27	5 42.73	+10 56.2	2.165	3.123	4.9	18.7
1 6	5 34.62	+11 50.6	2.221	3.142	7.5	18.9
1 16	5 28.03	+12 49.8	2.304	3.160	10.3	19.1
1 26	5 23.51	+13 51.6	2.412	3.179	12.8	19.3

385719 2005 UZ_{157} 12 19.3 352°.91 2°.4/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.61	+19 43.3	1.198	2.064	17.5	21.0
11 27	6 9.88	+19 16.9	1.133	2.059	12.9	20.7
12 7	6 1.97	+18 53.1	1.090	2.055	7.6	20.4
12 17	5 51.98	+18 32.9	1.070	2.051	2.7	20.1
12 27	5 41.59	+18 17.8	1.075	2.049	5.3	20.2
1 6	5 32.56	+18 9.1	1.106	2.048	10.7	20.5
1 16	5 26.27	+18 8.0	1.158	2.048	15.6	20.8
1 26	5 23.56	+18 14.6	1.230	2.049	19.8	21.1

324826 2007 HV_{91} 12 19.3 214°.13 1°.0/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.20	+20 32.9	2.165	3.002	11.9	21.4
11 27	6 8.40	+20 28.8	2.089	3.001	8.6	21.2
12 7	6 0.65	+20 26.1	2.039	3.000	5.0	21.0
12 17	5 51.70	+20 24.2	2.016	2.999	1.4	20.7
12 27	5 42.50	+20 23.2	2.024	2.997	3.3	20.8
1 6	5 34.09	+20 23.3	2.061	2.996	7.0	21.1
1 16	5 27.30	+20 25.3	2.125	2.995	10.5	21.3
1 26	5 22.77	+20 29.7	2.213	2.993	13.4	21.5

277080 2005 EU_{164} 12 19.3 352°.06 6°.3/19.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 10.28	+ 8 16.6	1.678	2.515	14.7	20.0
11 27	6 5.93	+ 7 40.2	1.608	2.508	11.6	19.7
12 7	5 59.40	+ 7 16.2	1.560	2.502	8.4	19.5
12 17	5 51.47	+ 7 7.9	1.537	2.497	6.4	19.4
12 27	5 43.24	+ 7 16.8	1.541	2.493	7.3	19.5
1 6	5 35.85	+ 7 42.4	1.571	2.490	10.2	19.6
1 16	5 30.29	+ 8 22.5	1.625	2.488	13.5	19.8
1 26	5 27.24	+ 9 13.4	1.700	2.487	16.5	20.0

444603 2006 UQ_{222} 12 19.3 28°.47 7°.3/18.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.63	+37 19.0	1.566	2.398	15.8	20.0
11 27	6 14.28	+38 55.0	1.509	2.406	12.4	19.8
12 7	6 4.54	+40 19.9	1.476	2.414	9.2	19.7
12 17	5 52.50	+41 24.9	1.468	2.423	7.3	19.6
12 27	5 39.93	+42 4.2	1.488	2.432	8.3	19.7
1 6	5 28.73	+42 17.5	1.533	2.442	11.1	19.9
1 16	5 20.42	+42 9.6	1.601	2.452	14.3	20.1
1 26	5 15.92	+41 47.7	1.690	2.463	17.2	20.3

244319 2002 GO_{172} 12 19.3 199°.70 2°.5/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.33	+29 28.8	1.933	2.766	13.2	21.1
11 27	6 12.52	+29 54.5	1.856	2.764	9.8	20.9
12 7	6 3.19	+30 15.2	1.804	2.761	6.0	20.7
12 17	5 52.21	+30 27.4	1.780	2.758	2.7	20.4
12 27	5 40.88	+30 29.3	1.785	2.755	4.2	20.5
1 6	5 30.53	+30 21.5	1.820	2.752	8.0	20.8
1 16	5 22.29	+30 6.5	1.881	2.748	11.7	21.0
1 26	5 16.92	+29 48.1	1.964	2.743	14.9	21.2

92130 1999 XQ_{107} 12 19.3 68°.19 4°.5/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.00	+34 57.2	2.054	2.880	12.9	18.4
11 27	6 11.48	+35 41.6	1.990	2.888	9.8	18.2
12 7	6 2.54	+36 17.3	1.950	2.896	6.7	18.1
12 17	5 52.08	+36 40.0	1.938	2.904	4.6	17.9
12 27	5 41.35	+36 47.2	1.955	2.912	5.4	18.0
1 6	5 31.67	+36 39.7	2.000	2.920	8.2	18.2
1 16	5 24.09	+36 20.8	2.071	2.928	11.2	18.4
1 26	5 19.31	+35 54.9	2.165	2.937	13.9	18.6

361330 2006 UJ_{65} 12 19.3 70°.80 3°.4/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.31	+31 51.2	1.832	2.668	13.7	21.0
11 27	6 11.82	+32 17.0	1.766	2.673	10.3	20.8
12 7	6 2.78	+32 35.3	1.724	2.678	6.5	20.6
12 17	5 52.12	+32 42.5	1.709	2.684	3.6	20.4
12 27	5 41.23	+32 36.9	1.722	2.689	4.8	20.5
1 6	5 31.47	+32 19.7	1.764	2.695	8.3	20.8
1 16	5 23.97	+31 54.3	1.831	2.700	11.9	21.0
1 26	5 19.43	+31 25.3	1.921	2.706	15.0	21.2

35436 1998 BU_{15} 12 19.3 44°.71 1°.9/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.90	+26 45.8	1.716	2.561	14.1	18.2
11 27	6 10.84	+27 22.1	1.655	2.570	10.3	18.0
12 7	6 2.23	+27 56.0	1.618	2.579	6.1	17.8
12 17	5 52.02	+28 23.8	1.608	2.589	2.2	17.5
12 27	5 41.57	+28 43.3	1.626	2.599	4.1	17.7
1 6	5 32.23	+28 54.2	1.673	2.609	8.2	18.0
1 16	5 25.11	+28 58.4	1.745	2.619	12.1	18.2
1 26	5 20.93	+28 58.6	1.839	2.630	15.3	18.5

489789 2008 CF_{94} 12 19.3 315°.04 4°.1/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.75	+12 36.1	1.682	2.522	14.6	21.1
11 27	6 8.62	+12 32.3	1.600	2.508	11.1	20.8
12 7	6 1.05	+12 38.7	1.541	2.494	7.2	20.6
12 17	5 51.83	+12 56.2	1.508	2.481	4.3	20.3
12 27	5 42.13	+13 24.8	1.502	2.468	5.5	20.4
1 6	5 33.22	+14 3.0	1.524	2.456	9.3	20.6
1 16	5 26.23	+14 49.0	1.571	2.444	13.3	20.8
1 26	5 21.98	+15 40.5	1.640	2.432	16.8	21.0

311738 2006 SV_{412} 12 19.3 29°.30 2°.6/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.25	+13 38.2	1.377	2.225	16.7	19.5
11 27	6 10.58	+14 32.1	1.325	2.240	12.3	19.3
12 7	6 2.16	+15 39.1	1.296	2.255	7.5	19.1
12 17	5 52.02	+16 56.0	1.292	2.272	3.1	18.8
12 27	5 41.65	+18 18.1	1.316	2.289	4.7	19.0
1 6	5 32.54	+19 40.4	1.368	2.308	9.3	19.3
1 16	5 25.86	+20 59.2	1.444	2.327	13.6	19.6
1 26	5 22.35	+22 12.7	1.542	2.346	17.2	19.9

223301 2003 NA_{3} 12 19.3 98°.59 3°.7/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.76	+11 8.8	2.283	3.105	11.9	19.9
11 27	6 7.84	+11 6.8	2.221	3.118	9.0	19.7
12 7	6 0.23	+11 13.1	2.184	3.131	6.0	19.5
12 17	5 51.63	+11 28.2	2.176	3.144	3.8	19.4
12 27	5 42.91	+11 51.8	2.197	3.157	4.6	19.5
1 6	5 34.94	+12 22.9	2.248	3.170	7.3	19.7
1 16	5 28.47	+13 0.0	2.326	3.183	10.2	19.9
1 26	5 24.01	+13 41.3	2.428	3.195	12.7	20.1

493041 2014 SU_{256} 12 19.3 77°.88 7°.5/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.59	+ 2 18.4	2.156	2.956	13.2	21.1
11 27	6 7.02	+ 1 20.9	2.101	2.968	10.8	21.0
12 7	5 59.78	+ 0 37.5	2.069	2.980	8.6	20.8
12 17	5 51.55	+ 0 11.5	2.063	2.992	7.5	20.8
12 27	5 43.24	+ 0 4.9	2.086	3.005	8.0	20.8
1 6	5 35.72	+ 0 17.1	2.134	3.017	9.8	21.0
1 16	5 29.71	+ 0 46.0	2.208	3.029	12.0	21.2
1 26	5 25.73	+ 1 28.1	2.304	3.041	14.2	21.3

439883 2000 AB_{4} 12 19.3 0°.58 4°.9/20.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.81	+38 54.5	1.532	2.358	16.4	19.8
11 27	6 16.17	+38 13.3	1.459	2.356	12.7	19.5
12 7	6 5.31	+37 11.2	1.410	2.356	8.6	19.3
12 17	5 52.62	+35 45.5	1.386	2.356	5.3	19.1
12 27	5 39.97	+33 58.6	1.391	2.356	5.9	19.1
1 6	5 29.12	+31 58.4	1.424	2.357	9.7	19.4
1 16	5 21.33	+29 55.4	1.483	2.358	13.8	19.6
1 26	5 17.19	+27 58.7	1.565	2.360	17.3	19.9

193732 2001 FF_{168} 12 19.4 166°.64 0°.3/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.16	+24 26.8	2.758	3.585	9.9	21.6
11 27	6 8.04	+24 31.7	2.682	3.589	7.2	21.4
12 7	6 0.34	+24 35.2	2.632	3.593	4.1	21.2
12 17	5 51.67	+24 36.4	2.613	3.596	0.9	21.0
12 27	5 42.85	+24 34.8	2.625	3.598	2.6	21.2
1 6	5 34.67	+24 30.9	2.667	3.601	5.7	21.4
1 16	5 27.83	+24 25.6	2.738	3.603	8.6	21.6
1 26	5 22.86	+24 20.3	2.835	3.604	11.0	21.7

485194 2010 TD_{126} 12 19.4 144°.48 1°.9/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.13	+28 0.0	2.061	2.895	12.5	21.7
11 27	6 10.72	+28 23.5	1.989	2.899	9.2	21.5
12 7	6 2.08	+28 43.2	1.943	2.902	5.5	21.3
12 17	5 52.03	+28 56.6	1.925	2.905	2.1	21.1
12 27	5 41.71	+29 2.1	1.936	2.908	3.7	21.2
1 6	5 32.32	+29 0.1	1.977	2.911	7.4	21.4
1 16	5 24.83	+28 52.6	2.045	2.913	10.9	21.7
1 26	5 19.92	+28 42.3	2.135	2.915	13.8	21.9

253513 2003 SE_{152} 12 19.4 129°.98 1°.0/19.4 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.06	+24 42.7	1.628	2.465	15.1	20.8
11 27	6 15.30	+25 7.2	1.568	2.480	11.0	20.5
12 7	6 4.77	+25 30.1	1.533	2.494	6.3	20.3
12 17	5 52.54	+25 48.3	1.525	2.508	1.5	20.0
12 27	5 40.13	+25 59.7	1.546	2.520	4.0	20.2
1 6	5 29.05	+26 4.7	1.597	2.532	8.6	20.5
1 16	5 20.47	+26 5.5	1.673	2.544	12.7	20.8
1 26	5 15.11	+26 4.7	1.771	2.554	16.1	21.0

207129 2005 AV_{74} 12 19.4 233°.32 1°.6/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.53	+18 42.7	1.838	2.677	13.5	20.5
11 27	6 10.44	+18 46.8	1.760	2.672	10.0	20.3
12 7	6 2.00	+18 54.7	1.707	2.668	5.9	20.1
12 17	5 52.03	+19 5.8	1.681	2.663	1.9	19.8
12 27	5 41.69	+19 19.4	1.684	2.657	3.9	19.9
1 6	5 32.22	+19 35.0	1.716	2.652	8.1	20.2
1 16	5 24.68	+19 52.7	1.774	2.646	12.1	20.4
1 26	5 19.80	+20 12.8	1.855	2.640	15.4	20.6

418546 2008 SS_{107} 12 19.4 242°.15 5°.5/18.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.05	+ 7 16.1	2.430	3.241	11.6	21.2
11 27	6 6.61	+ 6 22.5	2.352	3.235	9.2	21.0
12 7	5 59.58	+ 5 37.2	2.299	3.229	6.9	20.9
12 17	5 51.54	+ 5 3.3	2.275	3.223	5.6	20.8
12 27	5 43.30	+ 4 42.7	2.279	3.217	6.3	20.8
1 6	5 35.68	+ 4 36.2	2.312	3.210	8.4	20.9
1 16	5 29.38	+ 4 43.2	2.371	3.204	10.9	21.1
1 26	5 24.95	+ 5 1.9	2.452	3.197	13.2	21.2

508887 2003 SX_{305} 12 19.4 88°.50 0°.5/19.4 14 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.17	+25 23.7	1.844	2.678	13.7	21.5
11 27	6 13.40	+25 18.9	1.798	2.708	9.9	21.3
12 7	6 3.42	+25 10.8	1.776	2.737	5.6	21.1
12 17	5 52.25	+24 58.3	1.783	2.766	1.2	20.8
12 27	5 41.19	+24 41.5	1.819	2.794	3.4	21.1
1 6	5 31.45	+24 22.0	1.886	2.821	7.5	21.4
1 16	5 23.92	+24 2.5	1.979	2.848	11.1	21.6
1 26	5 19.14	+23 45.0	2.095	2.874	14.1	21.9

274529 2008 SN_{213} 12 19.4 48°.16 4°.8/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.30	+36 58.0	2.162	2.982	12.5	21.4
11 27	6 10.92	+37 32.0	2.095	2.987	9.7	21.2
12 7	6 2.22	+37 55.7	2.052	2.993	6.8	21.1
12 17	5 52.06	+38 5.4	2.037	2.999	4.9	20.9
12 27	5 41.68	+37 59.2	2.051	3.004	5.5	21.0
1 6	5 32.32	+37 38.3	2.093	3.010	8.1	21.2
1 16	5 24.99	+37 6.4	2.161	3.017	10.9	21.4
1 26	5 20.37	+36 28.1	2.252	3.023	13.5	21.5

462364 2008 RY_{137} 12 19.4 174°.29 3°.8/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.00	+35 49.3	2.406	3.223	11.5	21.5
11 27	6 10.46	+36 3.9	2.331	3.224	8.8	21.3
12 7	6 1.86	+36 9.2	2.280	3.225	5.9	21.1
12 17	5 51.99	+36 2.5	2.258	3.225	3.9	21.0
12 27	5 41.92	+35 42.7	2.266	3.225	4.6	21.0
1 6	5 32.77	+35 11.5	2.303	3.225	7.2	21.2
1 16	5 25.41	+34 31.9	2.368	3.225	10.0	21.4
1 26	5 20.48	+33 48.3	2.456	3.225	12.5	21.5

102835 1999 VN_{190} 12 19.4 64°.78 1°.5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.45	+19 41.5	1.681	2.526	14.3	20.0
11 27	6 10.44	+19 37.5	1.615	2.530	10.5	19.8
12 7	6 1.99	+19 36.2	1.572	2.534	6.1	19.6
12 17	5 52.02	+19 37.2	1.556	2.538	1.9	19.3
12 27	5 41.81	+19 40.2	1.569	2.543	4.0	19.5
1 6	5 32.66	+19 45.4	1.610	2.547	8.4	19.7
1 16	5 25.62	+19 53.4	1.676	2.552	12.5	20.0
1 26	5 21.40	+20 4.6	1.764	2.556	15.8	20.2

361268 2006 SU_{398} 12 19.4 1°.45 2°.1/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.68	+19 9.5	1.619	2.469	14.6	20.7
11 27	6 9.23	+18 45.5	1.551	2.468	10.7	20.5
12 7	6 1.34	+18 24.0	1.506	2.467	6.3	20.2
12 17	5 51.90	+18 5.6	1.487	2.468	2.4	20.0
12 27	5 42.21	+17 51.4	1.496	2.468	4.4	20.1
1 6	5 33.57	+17 42.5	1.532	2.469	8.8	20.4
1 16	5 27.04	+17 39.6	1.593	2.470	12.9	20.6
1 26	5 23.33	+17 43.0	1.676	2.472	16.4	20.9

493944 2016 AR_{15} 12 19.4 102°.64 1°.7/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.72	+29 48.3	2.257	3.087	11.7	20.8
11 27	6 10.13	+29 40.0	2.190	3.097	8.6	20.6
12 7	6 1.60	+29 25.5	2.149	3.106	5.1	20.5
12 17	5 51.94	+29 3.4	2.136	3.116	2.0	20.3
12 27	5 42.20	+28 34.2	2.154	3.126	3.3	20.4
1 6	5 33.42	+27 59.7	2.202	3.135	6.7	20.6
1 16	5 26.44	+27 22.7	2.277	3.145	9.9	20.8
1 26	5 21.81	+26 46.3	2.376	3.154	12.7	21.0

287923 2003 UL_{10} 12 19.4 59°.38 8°.2/18.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.90	+43 2.2	2.022	2.816	14.2	20.2
11 27	6 18.44	+45 0.0	1.982	2.845	11.6	20.1
12 7	6 6.78	+46 42.0	1.968	2.874	9.3	20.0
12 17	5 52.99	+47 59.8	1.981	2.903	8.2	20.0
12 27	5 38.74	+48 48.3	2.022	2.932	8.7	20.1
1 6	5 25.82	+49 8.4	2.090	2.961	10.5	20.2
1 16	5 15.64	+49 5.2	2.183	2.990	12.6	20.4
1 26	5 9.07	+48 46.2	2.297	3.019	14.6	20.6

90186 2003 AV_{36} 12 19.4 50°.27 4°.3/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.22	+13 34.6	1.311	2.161	17.3	18.7
11 27	6 11.33	+13 25.9	1.258	2.172	12.9	18.4
12 7	6 2.61	+13 28.3	1.227	2.184	8.2	18.2
12 17	5 52.16	+13 42.4	1.220	2.196	4.5	18.0
12 27	5 41.52	+14 7.7	1.240	2.208	6.0	18.2
1 6	5 32.25	+14 42.2	1.286	2.221	10.3	18.4
1 16	5 25.52	+15 23.9	1.355	2.234	14.6	18.7
1 26	5 22.06	+16 10.3	1.445	2.247	18.2	19.0

101789 1999 GE_{35} 12 19.4 293°.97 5°.2/18.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.01	+11 43.5	1.849	2.682	13.8	19.0
11 27	6 8.67	+10 54.3	1.758	2.659	10.6	18.7
12 7	6 1.05	+10 11.6	1.690	2.637	7.4	18.5
12 17	5 51.89	+ 9 38.5	1.649	2.614	5.2	18.3
12 27	5 42.25	+ 9 17.8	1.636	2.592	6.4	18.3
1 6	5 33.30	+ 9 10.9	1.650	2.569	9.7	18.5
1 16	5 26.09	+ 9 17.8	1.690	2.547	13.4	18.6
1 26	5 21.41	+ 9 37.1	1.751	2.524	16.6	18.8

114771 2003 JB_{17} 12 19.4 146°.16 2°.9/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.08	+17 44.5	2.012	2.841	13.0	20.1
11 27	6 11.84	+16 49.1	1.945	2.850	9.6	19.9
12 7	6 2.58	+15 55.1	1.904	2.860	5.9	19.7
12 17	5 52.14	+15 4.6	1.892	2.868	3.0	19.6
12 27	5 41.63	+14 20.1	1.910	2.876	4.5	19.7
1 6	5 32.14	+13 43.8	1.959	2.883	8.1	19.9
1 16	5 24.52	+13 17.1	2.034	2.890	11.5	20.2
1 26	5 19.36	+13 0.4	2.133	2.896	14.4	20.4

392382 2010 JK_{2} 12 19.4 137°.49 0°.9/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.90	+20 58.8	2.051	2.884	12.6	21.9
11 27	6 11.07	+20 52.0	1.985	2.895	9.1	21.7
12 7	6 2.19	+20 46.1	1.944	2.905	5.3	21.5
12 17	5 52.08	+20 40.3	1.933	2.915	1.4	21.2
12 27	5 41.83	+20 34.7	1.951	2.924	3.4	21.4
1 6	5 32.54	+20 30.1	1.999	2.933	7.3	21.7
1 16	5 25.09	+20 27.2	2.075	2.942	10.8	21.9
1 26	5 20.08	+20 27.2	2.174	2.950	13.7	22.1

174278 2002 SB_{22} 12 19.4 140°.04 6°.1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.71	+38 47.2	1.944	2.760	13.9	20.1
11 27	6 14.52	+39 42.4	1.877	2.764	10.9	20.0
12 7	6 4.46	+40 25.6	1.834	2.768	8.0	19.8
12 17	5 52.55	+40 51.0	1.818	2.771	6.2	19.7
12 27	5 40.27	+40 55.3	1.830	2.775	6.9	19.7
1 6	5 29.17	+40 39.4	1.869	2.778	9.4	19.9
1 16	5 20.53	+40 8.0	1.934	2.781	12.4	20.1
1 26	5 15.13	+39 27.4	2.021	2.784	15.0	20.3

517247 2014 DV_{32} 12 19.4 273°.62 3°.5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.00	+30 31.4	1.659	2.498	14.8	22.1
11 27	6 13.66	+31 7.7	1.571	2.481	11.1	21.8
12 7	6 4.21	+31 38.7	1.506	2.463	7.0	21.6
12 17	5 52.54	+31 59.6	1.468	2.445	3.7	21.3
12 27	5 40.16	+32 6.7	1.458	2.427	5.2	21.4
1 6	5 28.75	+32 0.1	1.476	2.408	9.5	21.6
1 16	5 19.77	+31 43.0	1.519	2.390	13.8	21.8
1 26	5 14.23	+31 20.3	1.582	2.371	17.5	22.0

413238 2003 SM_{176} 12 19.4 88°.21 5°.8/19.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.04	+41 23.6	2.341	3.141	12.3	21.3
11 27	6 13.47	+42 6.3	2.288	3.162	9.8	21.1
12 7	6 3.59	+42 35.9	2.260	3.183	7.4	21.0
12 17	5 52.35	+42 48.1	2.260	3.204	5.9	21.0
12 27	5 41.02	+42 41.2	2.288	3.224	6.4	21.0
1 6	5 30.86	+42 16.9	2.345	3.245	8.2	21.2
1 16	5 22.85	+41 39.5	2.428	3.265	10.5	21.4
1 26	5 17.60	+40 54.3	2.534	3.284	12.7	21.6

332320 2006 WA_{87} 12 19.4 47°.48 3°.0/19.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.04	+25 1.9	1.149	2.008	18.5	19.6
11 27	6 15.48	+26 32.6	1.105	2.026	13.5	19.3
12 7	6 5.26	+28 4.0	1.082	2.045	8.0	19.1
12 17	5 52.71	+29 27.1	1.084	2.064	3.2	18.9
12 27	5 39.87	+30 34.6	1.113	2.084	5.7	19.1
1 6	5 28.80	+31 23.9	1.167	2.105	10.8	19.4
1 16	5 21.03	+31 57.1	1.244	2.125	15.4	19.8
1 26	5 17.39	+32 18.8	1.341	2.146	19.2	20.1

268222 2005 CZ_{73} 12 19.4 84°.59 3°.4/19.4 17

11 17	6 12.47	+12 21.7	2.326	3.151	11.5	20.6
11 27	6 6.96	+12 12.7	2.258	3.158	8.7	20.5
12 7	5 59.80	+12 11.0	2.216	3.165	5.7	20.3
12 17	5 51.62	+12 17.0	2.201	3.172	3.5	20.2
12 27	5 43.29	+12 30.9	2.217	3.179	4.4	20.2
1 6	5 35.66	+12 52.2	2.261	3.185	7.2	20.4
1 16	5 29.46	+13 19.7	2.333	3.192	10.1	20.6
1 26	5 25.23	+13 52.3	2.429	3.199	12.6	20.8

141620 2002 JR_{30} 12 19.4 132°.21 1°.1/19.3 18

11 17	6 22.45	+24 25.0	1.654	2.491	14.9	20.2
11 27	6 14.91	+24 59.8	1.592	2.504	10.8	20.0
12 7	6 4.60	+25 34.0	1.555	2.516	6.2	19.7
12 17	5 52.57	+26 3.8	1.545	2.528	1.6	19.5
12 27	5 40.29	+26 26.7	1.565	2.539	4.0	19.7
1 6	5 29.25	+26 42.3	1.613	2.549	8.6	20.0
1 16	5 20.65	+26 52.2	1.688	2.558	12.7	20.2
1 26	5 15.23	+26 59.0	1.784	2.567	16.0	20.5

424406 2008 AS_{26} 12 19.4 243°.20 2°.3/19.4 18

11 17	6 18.73	+17 47.9	1.501	2.346	15.7	21.5
11 27	6 12.52	+17 45.6	1.424	2.339	11.7	21.2
12 7	6 3.42	+17 48.7	1.371	2.332	7.0	20.9
12 17	5 52.39	+17 56.9	1.344	2.324	2.6	20.7
12 27	5 40.85	+18 9.6	1.344	2.317	4.7	20.8
1 6	5 30.37	+18 26.4	1.372	2.309	9.6	21.0
1 16	5 22.25	+18 47.1	1.425	2.301	14.2	21.3
1 26	5 17.37	+19 11.8	1.498	2.293	18.0	21.5

47482 2000 AT_{13} 12 19.4 226°.39 1°.2/19.6 18

11 17	6 19.15	+28 35.2	2.046	2.877	12.7	19.4
11 27	6 12.21	+28 14.6	1.962	2.870	9.3	19.2
12 7	6 2.97	+27 47.2	1.903	2.862	5.5	18.9
12 17	5 52.28	+27 11.8	1.872	2.854	1.7	18.7
12 27	5 41.33	+26 29.2	1.872	2.845	3.5	18.8
1 6	5 31.35	+25 41.9	1.901	2.836	7.5	19.0
1 16	5 23.35	+24 53.6	1.958	2.827	11.3	19.2
1 26	5 18.02	+24 7.9	2.039	2.817	14.4	19.4

441648 2008 WM_{44} 12 19.4 186°.09 1°.9/19.3 18

11 17	6 19.39	+26 54.5	1.841	2.678	13.6	21.5
11 27	6 12.68	+27 30.4	1.767	2.678	10.0	21.3
12 7	6 3.38	+28 4.1	1.718	2.677	5.9	21.1
12 17	5 52.37	+28 31.8	1.696	2.677	2.2	20.8
12 27	5 40.97	+28 51.1	1.704	2.676	4.0	21.0
1 6	5 30.56	+29 1.6	1.741	2.675	8.2	21.2
1 16	5 22.29	+29 5.0	1.804	2.673	12.0	21.4
1 26	5 16.94	+29 4.3	1.889	2.671	15.3	21.7

217312 2004 PP_{11} 12 19.4 85°.69 1°.4/19.4 18

11 17	6 15.59	+19 9.1	2.084	2.919	12.3	20.6
11 27	6 9.32	+19 7.3	2.027	2.937	9.0	20.4
12 7	6 1.16	+19 8.0	1.995	2.955	5.2	20.2
12 17	5 51.91	+19 10.8	1.991	2.972	1.7	20.0
12 27	5 42.57	+19 15.5	2.017	2.990	3.4	20.1
1 6	5 34.16	+19 22.2	2.073	3.007	7.0	20.4
1 16	5 27.48	+19 31.1	2.155	3.024	10.4	20.6
1 26	5 23.10	+19 42.4	2.262	3.041	13.2	20.9

248282 2005 JL_{98} 12 19.4 218°.81 1°.4/19.3 18

11 17	6 16.07	+19 31.1	1.995	2.831	12.7	20.8
11 27	6 9.97	+19 29.1	1.916	2.827	9.3	20.6
12 7	6 1.70	+19 29.5	1.863	2.823	5.5	20.3
12 17	5 52.04	+19 31.9	1.837	2.819	1.7	20.1
12 27	5 42.07	+19 36.0	1.841	2.814	3.6	20.2
1 6	5 32.92	+19 41.9	1.874	2.809	7.6	20.5
1 16	5 25.55	+19 50.0	1.934	2.804	11.3	20.7
1 26	5 20.65	+20 0.9	2.017	2.798	14.5	20.9

118739 2000 QO_{135} 12 19.4 173°.63 3°.5/19.5 18

11 17	6 18.91	+34 37.9	2.645	3.457	10.7	21.2
11 27	6 11.74	+35 7.4	2.569	3.461	8.1	21.0
12 7	6 2.59	+35 29.5	2.519	3.463	5.5	20.8
12 17	5 52.21	+35 41.0	2.499	3.466	3.6	20.7
12 27	5 41.60	+35 40.4	2.509	3.467	4.3	20.8
1 6	5 31.77	+35 28.3	2.549	3.468	6.8	20.9
1 16	5 23.61	+35 7.4	2.618	3.468	9.4	21.1
1 26	5 17.74	+34 41.0	2.711	3.468	11.8	21.3

98981 2001 DQ_{21} 12 19.4 12°.39 9°.8/21.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.92	+ 0 2.3	1.317	2.138	18.9	18.1
11 27	6 8.99	− 0 3.6	1.260	2.141	15.6	17.9
12 7	6 1.36	+ 0 17.9	1.222	2.145	12.3	17.7
12 17	5 51.99	+ 1 9.8	1.207	2.150	10.0	17.6
12 27	5 42.32	+ 2 31.4	1.216	2.156	10.3	17.7
1 6	5 33.80	+ 4 16.9	1.250	2.163	12.8	17.8
1 16	5 27.61	+ 6 18.0	1.307	2.171	16.1	18.0
1 26	5 24.52	+ 8 25.9	1.385	2.180	19.2	18.3

359812 2011 UZ_{264} 12 19.4 329°.57 2°.7/19.6 17

11 17	6 17.05	+30 7.5	1.584	2.430	15.0	20.6
11 27	6 11.36	+30 17.2	1.508	2.422	11.1	20.3
12 7	6 2.77	+30 19.7	1.455	2.415	6.8	20.0
12 17	5 52.28	+30 11.8	1.428	2.408	3.0	19.8
12 27	5 41.38	+29 52.4	1.429	2.401	4.7	19.9
1 6	5 31.64	+29 23.3	1.457	2.395	9.1	20.1
1 16	5 24.36	+28 48.5	1.509	2.389	13.3	20.4
1 26	5 20.34	+28 12.7	1.583	2.383	17.0	20.6

503802 2017 HR_{22} 12 19.4 244°.09 0°.9/19.4 18

11 17	6 13.38	+19 28.6	2.673	3.501	10.1	21.7
11 27	6 7.65	+19 37.9	2.581	3.488	7.4	21.5
12 7	6 0.25	+19 49.5	2.516	3.475	4.3	21.3
12 17	5 51.77	+20 2.7	2.480	3.462	1.3	21.0
12 27	5 42.98	+20 17.0	2.475	3.448	2.8	21.1
1 6	5 34.71	+20 31.9	2.501	3.434	6.1	21.3
1 16	5 27.70	+20 47.6	2.555	3.419	9.1	21.5
1 26	5 22.56	+21 4.3	2.634	3.405	11.7	21.7

505646 2014 QT_{32} 12 19.4 220°.77 10°.8/21.5 17

11 17	6 35.13	+47 5.1	1.227	2.034	20.8	20.9
11 27	6 26.00	+47 27.3	1.158	2.031	17.3	20.7
12 7	6 11.66	+47 19.7	1.108	2.027	13.7	20.4
12 17	5 54.02	+46 30.2	1.081	2.022	11.1	20.3
12 27	5 36.18	+44 55.0	1.078	2.017	11.3	20.3
1 6	5 21.21	+42 42.8	1.099	2.012	14.1	20.4
1 16	5 11.05	+40 10.7	1.144	2.007	18.0	20.6
1 26	5 6.36	+37 36.1	1.209	2.001	21.7	20.9

480782 2016 PS_{25} 12 19.4 45°.76 1°.9/19.3 18

11 17	6 20.12	+25 8.2	1.185	2.045	18.0	21.4
11 27	6 14.00	+25 53.1	1.134	2.057	13.2	21.1
12 7	6 4.41	+26 37.4	1.104	2.068	7.7	20.8
12 17	5 52.62	+27 15.6	1.098	2.080	2.3	20.6
12 27	5 40.53	+27 44.0	1.119	2.093	5.0	20.8
1 6	5 30.10	+28 1.8	1.165	2.106	10.4	21.1
1 16	5 22.79	+28 11.5	1.234	2.120	15.2	21.4
1 26	5 19.40	+28 16.7	1.322	2.134	19.1	21.7

120492 1993 FO_{30} 12 19.4 200°.49 0°.3/19.4 18

11 17	6 19.63	+23 14.0	1.879	2.714	13.5	20.7
11 27	6 12.69	+23 4.6	1.800	2.711	9.8	20.5
12 7	6 3.32	+22 53.6	1.745	2.707	5.7	20.2
12 17	5 52.39	+22 40.3	1.719	2.703	1.1	19.9
12 27	5 41.15	+22 24.7	1.723	2.698	3.6	20.1
1 6	5 30.89	+22 8.0	1.757	2.692	8.0	20.3
1 16	5 22.67	+21 52.3	1.816	2.686	12.0	20.6
1 26	5 17.23	+21 39.7	1.899	2.679	15.3	20.8

90536 2004 FU_{45} 12 19.4 84°.12 4°.3/19.5 18

11 17	6 18.42	+13 6.5	1.485	2.325	16.1	19.4
11 27	6 11.93	+12 52.4	1.432	2.340	12.1	19.2
12 7	6 2.87	+12 48.4	1.401	2.355	7.8	18.9
12 17	5 52.29	+12 55.2	1.396	2.370	4.5	18.8
12 27	5 41.58	+13 12.9	1.419	2.384	5.8	18.9
1 6	5 32.14	+13 40.1	1.468	2.399	9.7	19.2
1 16	5 25.03	+14 15.0	1.543	2.413	13.6	19.4
1 26	5 20.93	+14 55.5	1.638	2.427	17.0	19.7

384668 2011 FX_{48} 12 19.4 218°.41 0°.7/19.4 18

11 17	6 19.70	+23 31.0	1.671	2.512	14.6	20.8
11 27	6 13.12	+24 2.9	1.594	2.508	10.7	20.6
12 7	6 3.76	+24 36.0	1.542	2.504	6.2	20.3
12 17	5 52.51	+25 6.8	1.516	2.499	1.4	20.0
12 27	5 40.76	+25 32.9	1.520	2.494	3.9	20.2
1 6	5 30.01	+25 53.1	1.552	2.489	8.7	20.4
1 16	5 21.53	+26 8.5	1.609	2.483	13.0	20.7
1 26	5 16.18	+26 21.1	1.689	2.477	16.6	20.9

230567 2003 BL_{58} 12 19.4 282°.07 2°.0/19.4 18

11 17	6 17.19	+18 19.6	1.556	2.402	15.2	20.5
11 27	6 11.45	+18 18.4	1.471	2.386	11.3	20.2
12 7	6 2.89	+18 22.1	1.408	2.370	6.8	19.9
12 17	5 52.35	+18 30.3	1.372	2.354	2.4	19.6
12 27	5 41.19	+18 42.4	1.364	2.337	4.6	19.7
1 6	5 30.94	+18 58.2	1.383	2.321	9.5	20.0
1 16	5 22.89	+19 17.6	1.427	2.305	14.1	20.2
1 26	5 18.00	+19 40.7	1.492	2.289	18.0	20.4

184408 2005 MZ_{22} 12 19.4 101°.84 5°.3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.15	+ 9 24.8	1.730	2.550	15.1	20.6
11 27	6 12.73	+ 9 4.6	1.683	2.577	11.5	20.4
12 7	6 3.13	+ 8 56.4	1.660	2.603	7.9	20.2
12 17	5 52.32	+ 9 1.3	1.664	2.628	5.4	20.1
12 27	5 41.54	+ 9 19.6	1.697	2.652	6.3	20.3
1 6	5 31.95	+ 9 49.6	1.758	2.675	9.3	20.5
1 16	5 24.46	+10 29.0	1.845	2.698	12.6	20.7
1 26	5 19.64	+11 15.2	1.954	2.720	15.4	21.0

46224 2001 GN_{10} 12 19.4 174°.54 0°.5/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.89	+21 48.9	2.553	3.384	10.5	20.0
11 27	6 7.98	+21 48.8	2.476	3.385	7.6	19.9
12 7	6 0.41	+21 48.9	2.426	3.386	4.4	19.7
12 17	5 51.81	+21 48.7	2.404	3.387	1.0	19.4
12 27	5 43.03	+21 48.0	2.414	3.388	2.7	19.6
1 6	5 34.91	+21 47.0	2.454	3.388	6.1	19.8
1 16	5 28.19	+21 46.4	2.522	3.389	9.1	20.0
1 26	5 23.43	+21 47.2	2.615	3.388	11.7	20.2

343880 2011 HR_{80} 12 19.4 120°.84 0°.7/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.63	+24 57.6	1.821	2.657	13.8	22.0
11 27	6 13.31	+25 6.5	1.761	2.672	10.0	21.8
12 7	6 3.59	+25 13.2	1.726	2.687	5.8	21.6
12 17	5 52.45	+25 15.6	1.719	2.702	1.3	21.3
12 27	5 41.18	+25 12.9	1.741	2.716	3.5	21.5
1 6	5 31.10	+25 6.1	1.793	2.729	7.8	21.8
1 16	5 23.21	+24 57.1	1.872	2.742	11.6	22.1
1 26	5 18.16	+24 48.5	1.973	2.754	14.8	22.3

273765 2007 EP_{162} 12 19.4 145°.08 0°.2/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.04	+23 10.6	1.859	2.694	13.6	21.9
11 27	6 12.87	+23 6.5	1.793	2.703	9.9	21.7
12 7	6 3.36	+23 1.3	1.751	2.712	5.7	21.4
12 17	5 52.42	+22 53.9	1.738	2.721	1.1	21.1
12 27	5 41.31	+22 44.2	1.754	2.729	3.5	21.3
1 6	5 31.29	+22 33.2	1.800	2.736	7.8	21.6
1 16	5 23.37	+22 22.6	1.873	2.742	11.6	21.9
1 26	5 18.21	+22 14.4	1.968	2.748	14.8	22.1

404298 2013 EP_{113} 12 19.4 288°.18 1°.9/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.22	+27 13.7	1.798	2.639	13.7	21.4
11 27	6 11.34	+27 42.2	1.711	2.624	10.1	21.1
12 7	6 2.78	+28 8.5	1.647	2.608	6.1	20.8
12 17	5 52.35	+28 29.0	1.611	2.592	2.2	20.6
12 27	5 41.35	+28 41.5	1.603	2.576	4.1	20.7
1 6	5 31.19	+28 45.5	1.624	2.560	8.5	20.9
1 16	5 23.12	+28 42.9	1.670	2.544	12.6	21.1
1 26	5 18.03	+28 36.8	1.739	2.529	16.1	21.3

339991 2005 UG_{262} 12 19.4 151°.55 0°.0/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.36	+23 4.2	1.907	2.741	13.4	22.0
11 27	6 13.11	+23 14.6	1.840	2.750	9.7	21.8
12 7	6 3.50	+23 24.6	1.797	2.758	5.6	21.5
12 17	5 52.45	+23 32.5	1.783	2.766	1.1	21.2
12 27	5 41.18	+23 37.2	1.798	2.773	3.4	21.4
1 6	5 30.95	+23 39.1	1.844	2.779	7.7	21.7
1 16	5 22.78	+23 39.6	1.916	2.785	11.5	21.9
1 26	5 17.34	+23 40.4	2.012	2.790	14.6	22.2

408335 2013 GZ_{74} 12 19.4 220°.43 0°.3/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.07	+21 31.3	2.442	3.270	11.0	21.5
11 27	6 9.76	+21 49.4	2.354	3.262	8.0	21.3
12 7	6 1.55	+22 8.9	2.292	3.252	4.6	21.1
12 17	5 52.09	+22 28.4	2.260	3.243	0.9	20.8
12 27	5 42.29	+22 46.7	2.258	3.232	2.9	20.9
1 6	5 33.10	+23 3.4	2.288	3.222	6.5	21.1
1 16	5 25.38	+23 18.7	2.345	3.210	9.8	21.3
1 26	5 19.78	+23 33.4	2.428	3.199	12.6	21.5

409355 2004 XT_{166} 12 19.4 59°.39 1°.4/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.31	+25 31.1	1.998	2.836	12.7	20.2
11 27	6 10.17	+26 11.0	1.936	2.848	9.2	20.0
12 7	6 1.84	+26 49.9	1.898	2.859	5.4	19.8
12 17	5 52.14	+27 24.5	1.889	2.871	1.7	19.6
12 27	5 42.21	+27 52.7	1.910	2.883	3.5	19.7
1 6	5 33.21	+28 13.7	1.960	2.895	7.3	20.0
1 16	5 26.09	+28 28.6	2.036	2.907	10.8	20.2
1 26	5 21.53	+28 39.3	2.136	2.919	13.7	20.5

118614 2000 GZ_{150} 12 19.4 43°.64 1°.6/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.23	+20 19.2	1.185	2.047	17.9	19.2
11 27	6 12.28	+20 8.6	1.140	2.063	13.0	18.9
12 7	6 3.25	+20 1.0	1.116	2.081	7.5	18.7
12 17	5 52.41	+19 56.0	1.117	2.099	2.2	18.4
12 27	5 41.53	+19 53.7	1.143	2.118	4.8	18.6
1 6	5 32.32	+19 54.7	1.195	2.137	10.1	19.0
1 16	5 25.97	+19 59.7	1.270	2.157	14.7	19.3
1 26	5 23.15	+20 9.2	1.365	2.177	18.5	19.6

37864 1998 FJ_{10} 12 19.4 172°.38 0°.2/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.32	+23 12.3	2.150	2.981	12.2	20.1
11 27	6 11.45	+23 8.7	2.075	2.984	8.8	19.9
12 7	6 2.50	+23 4.0	2.026	2.987	5.1	19.6
12 17	5 52.27	+22 57.3	2.006	2.989	1.0	19.3
12 27	5 41.83	+22 48.4	2.017	2.991	3.1	19.5
1 6	5 32.26	+22 38.2	2.057	2.992	7.1	19.8
1 16	5 24.48	+22 28.1	2.126	2.992	10.6	20.0
1 26	5 19.12	+22 19.8	2.217	2.992	13.6	20.2

477861 2011 GE_{69} 12 19.4 323°.44 19°.1/22.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.67	−16 56.3	1.281	2.025	23.3	20.0
11 27	6 10.04	−17 52.7	1.208	2.003	21.7	19.8
12 7	6 2.30	−18 7.5	1.150	1.981	20.2	19.6
12 17	5 52.31	−17 29.2	1.108	1.960	19.2	19.5
12 27	5 41.55	−15 51.1	1.084	1.940	19.2	19.4
1 6	5 31.70	−13 15.8	1.080	1.921	20.4	19.4
1 16	5 24.27	− 9 53.8	1.095	1.903	22.4	19.5
1 26	5 20.32	− 6 1.3	1.128	1.887	24.8	19.6

270663 2002 PY_{187} 12 19.4 116°.28 4°.5/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.14	+34 47.4	1.608	2.436	15.7	21.4
11 27	6 17.04	+35 6.0	1.551	2.451	11.9	21.2
12 7	6 5.89	+35 12.2	1.516	2.466	7.8	21.0
12 17	5 52.93	+35 1.6	1.509	2.480	4.8	20.9
12 27	5 39.90	+34 32.8	1.529	2.493	5.7	21.0
1 6	5 28.50	+33 49.4	1.578	2.506	9.4	21.2
1 16	5 19.96	+32 57.4	1.652	2.518	13.1	21.5
1 26	5 14.96	+32 3.3	1.748	2.530	16.3	21.7

288217 2003 YK_{41} 12 19.4 122°.55 0°.6/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.86	+21 9.0	1.895	2.733	13.2	20.6
11 27	6 10.60	+21 16.4	1.826	2.739	9.6	20.4
12 7	6 2.10	+21 25.4	1.783	2.744	5.5	20.2
12 17	5 52.20	+21 34.8	1.767	2.750	1.3	19.9
12 27	5 42.07	+21 43.6	1.780	2.755	3.4	20.1
1 6	5 32.88	+21 52.0	1.823	2.760	7.6	20.4
1 16	5 25.63	+22 0.5	1.892	2.764	11.4	20.6
1 26	5 20.97	+22 10.1	1.984	2.769	14.6	20.8

305094 2007 VM_{15} 12 19.4 36°.34 3°.2/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.26	+28 52.2	1.462	2.312	15.8	20.4
11 27	6 12.28	+29 39.5	1.407	2.323	11.7	20.2
12 7	6 3.30	+30 22.2	1.374	2.334	7.1	20.0
12 17	5 52.45	+30 55.1	1.368	2.346	3.4	19.8
12 27	5 41.32	+31 15.1	1.388	2.358	5.1	19.9
1 6	5 31.57	+31 22.2	1.435	2.371	9.4	20.2
1 16	5 24.46	+31 19.5	1.507	2.385	13.4	20.5
1 26	5 20.75	+31 11.1	1.599	2.399	16.9	20.7

310317 2011 UN_{134} 12 19.4 270°.34 1°.3/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.31	+26 23.7	1.889	2.728	13.2	21.6
11 27	6 11.23	+26 38.1	1.802	2.714	9.8	21.4
12 7	6 2.64	+26 50.0	1.740	2.701	5.7	21.1
12 17	5 52.34	+26 56.8	1.705	2.687	1.7	20.8
12 27	5 41.56	+26 57.1	1.699	2.672	3.7	20.9
1 6	5 31.63	+26 51.4	1.722	2.658	8.0	21.2
1 16	5 23.69	+26 41.6	1.771	2.644	12.0	21.4
1 26	5 18.55	+26 30.5	1.842	2.629	15.4	21.6

474748 2005 PB_{4} 12 19.4 111°.42 1°.6/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.18	+27 47.0	1.903	2.730	13.7	22.0
11 27	6 15.68	+27 57.2	1.852	2.757	10.0	21.8
12 7	6 4.85	+28 2.0	1.826	2.784	5.8	21.6
12 17	5 52.71	+27 59.2	1.829	2.810	1.9	21.4
12 27	5 40.62	+27 48.3	1.862	2.835	3.7	21.6
1 6	5 29.87	+27 30.7	1.926	2.858	7.6	21.8
1 16	5 21.42	+27 9.7	2.017	2.881	11.2	22.1
1 26	5 15.84	+26 48.5	2.131	2.903	14.1	22.4

393320 2014 AR_{49} 12 19.4 325°.58 4°.4/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.58	+32 3.0	1.241	2.098	17.5	20.6
11 27	6 12.64	+32 27.5	1.164	2.082	13.3	20.3
12 7	6 3.96	+32 42.7	1.108	2.067	8.6	20.0
12 17	5 52.65	+32 42.7	1.076	2.052	4.7	19.7
12 27	5 40.60	+32 24.5	1.069	2.039	6.3	19.8
1 6	5 29.93	+31 49.9	1.086	2.026	11.2	20.0
1 16	5 22.38	+31 4.8	1.126	2.014	16.1	20.3
1 26	5 19.00	+30 16.5	1.184	2.003	20.5	20.5

427352 2014 WG_{393} 12 19.4 41°.48 2°.2/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.71	+31 15.7	2.213	3.043	11.9	20.5
11 27	6 9.56	+31 8.5	2.143	3.048	8.8	20.3
12 7	6 1.40	+30 54.0	2.098	3.053	5.4	20.1
12 17	5 52.06	+30 30.8	2.081	3.059	2.5	19.9
12 27	5 42.60	+29 58.9	2.094	3.064	3.6	20.0
1 6	5 34.09	+29 20.6	2.136	3.070	6.9	20.2
1 16	5 27.39	+28 38.8	2.206	3.076	10.1	20.4
1 26	5 23.08	+27 57.0	2.300	3.082	12.9	20.6

225458 2000 EW_{35} 12 19.4 333.°71 1.°8/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.13	+18 20.1	2.166	3.002	11.9	20.4
11 27	6 7.69	+18 9.9	2.090	3.000	8.7	20.2
12 7	6 0.37	+18 2.5	2.039	2.998	5.2	20.0
12 17	5 51.87	+17 58.2	2.016	2.996	2.0	19.7
12 27	5 43.14	+17 57.1	2.023	2.994	3.5	19.9
1 6	5 35.14	+17 59.6	2.059	2.993	7.1	20.1
1 16	5 28.72	+18 5.8	2.122	2.991	10.5	20.3
1 26	5 24.47	+18 15.8	2.208	2.990	13.4	20.5

77202 2001 FX_{19} 12 19.4 84.°46 1.°9/19.5 18

11 17	6 16.49	+29 16.9	2.235	3.066	11.8	19.0
11 27	6 10.05	+29 27.8	2.175	3.082	8.6	18.8
12 7	6 1.65	+29 33.7	2.140	3.097	5.2	18.6
12 17	5 52.10	+29 32.5	2.134	3.113	2.2	18.5
12 27	5 42.47	+29 23.7	2.158	3.128	3.4	18.6
1 6	5 33.79	+29 8.3	2.211	3.144	6.8	18.8
1 16	5 26.90	+28 48.8	2.292	3.159	9.9	19.0
1 26	5 22.36	+28 27.8	2.396	3.174	12.6	19.3

70816 1999 VY_{73} 12 19.4 71.°10 3.°7/19.3 18

11 17	6 16.17	+14 50.1	1.654	2.495	14.7	19.5
11 27	6 10.22	+14 23.9	1.592	2.502	11.0	19.3
12 7	6 1.92	+14 4.3	1.553	2.508	7.0	19.1
12 17	5 52.18	+13 52.8	1.540	2.515	3.9	18.9
12 27	5 42.25	+13 50.4	1.556	2.522	5.3	19.0
1 6	5 33.38	+13 57.1	1.599	2.529	9.1	19.2
1 16	5 26.58	+14 12.4	1.667	2.536	12.9	19.5
1 26	5 22.53	+14 34.9	1.757	2.543	16.1	19.7

339146 2004 TG_{7} 12 19.4 48.°10 2.°0/19.5 18

11 17	6 17.57	+17 25.6	1.401	2.252	16.3	20.0
11 27	6 11.61	+17 44.8	1.346	2.263	12.0	19.7
12 7	6 2.86	+18 11.3	1.313	2.275	7.1	19.5
12 17	5 52.37	+18 43.4	1.305	2.287	2.4	19.2
12 27	5 41.65	+19 18.8	1.325	2.299	4.5	19.4
1 6	5 32.22	+19 55.8	1.372	2.312	9.3	19.7
1 16	5 25.27	+20 33.2	1.443	2.325	13.7	20.0
1 26	5 21.52	+21 10.5	1.536	2.338	17.3	20.3

97729 2000 GF_{166} 12 19.4 136.°06 0.°2/19.4 18

11 17	6 13.53	+22 45.3	2.789	3.617	9.8	20.3
11 27	6 7.58	+22 46.8	2.718	3.626	7.1	20.1
12 7	6 0.14	+22 47.9	2.675	3.635	4.0	19.9
12 17	5 51.82	+22 47.9	2.661	3.644	0.8	19.7
12 27	5 43.36	+22 46.7	2.679	3.653	2.5	19.8
1 6	5 35.56	+22 44.5	2.727	3.661	5.6	20.0
1 16	5 29.06	+22 42.2	2.804	3.669	8.4	20.2
1 26	5 24.36	+22 40.6	2.906	3.677	10.8	20.4

304136 2006 KO_{64} 12 19.4 146.°74 2.°9/19.3 18

11 17	6 19.86	+29 19.0	1.889	2.722	13.5	21.0
11 27	6 13.02	+30 4.1	1.819	2.727	10.0	20.8
12 7	6 3.61	+30 45.0	1.775	2.731	6.2	20.6
12 17	5 52.53	+31 17.4	1.758	2.735	3.0	20.4
12 27	5 41.09	+31 38.4	1.771	2.739	4.5	20.5
1 6	5 30.66	+31 47.9	1.812	2.742	8.2	20.8
1 16	5 22.40	+31 48.0	1.880	2.746	11.8	21.0
1 26	5 17.07	+31 42.3	1.970	2.749	14.9	21.2

220922 2005 GH_{31} 12 19.4 127.°47 5.°5/19.5 18

11 17	6 19.80	+ 9 2.1	1.801	2.618	14.7	21.0
11 27	6 12.54	+ 8 36.4	1.745	2.636	11.3	20.8
12 7	6 3.11	+ 8 22.4	1.712	2.653	7.9	20.6
12 17	5 52.41	+ 8 21.6	1.707	2.669	5.6	20.5
12 27	5 41.62	+ 8 34.7	1.732	2.685	6.4	20.6
1 6	5 31.91	+ 9 0.5	1.784	2.699	9.4	20.8
1 16	5 24.21	+ 9 37.0	1.863	2.713	12.6	21.1
1 26	5 19.12	+10 21.4	1.963	2.726	15.5	21.3

47161 1999 TH_{1} 12 19.4 312.°35 3.°3/19.2 18

11 17	6 17.06	+17 47.7	1.331	2.186	16.8	18.8
11 27	6 11.55	+17 13.9	1.259	2.178	12.5	18.5
12 7	6 3.01	+16 43.9	1.209	2.170	7.6	18.2
12 17	5 52.44	+16 19.3	1.183	2.163	3.5	18.0
12 27	5 41.41	+16 2.1	1.184	2.155	5.6	18.1
1 6	5 31.57	+15 53.6	1.211	2.149	10.6	18.3
1 16	5 24.28	+15 54.7	1.261	2.142	15.3	18.6
1 26	5 20.41	+16 5.1	1.331	2.136	19.3	18.8

398968 2013 EU_{29} 12 19.4 18.°25 13.°1/19.8 18

11 17	6 13.23	− 9 14.8	1.704	2.466	17.7	20.1
11 27	6 8.03	−10 26.1	1.650	2.469	15.7	20.0
12 7	6 0.66	−11 10.6	1.615	2.471	14.0	19.9
12 17	5 51.94	−11 22.1	1.601	2.474	13.1	19.9
12 27	5 43.01	−10 57.8	1.611	2.477	13.4	19.9
1 6	5 35.00	− 9 59.8	1.643	2.480	14.7	20.0
1 16	5 28.85	− 8 33.7	1.696	2.484	16.5	20.1
1 26	5 25.23	− 6 47.3	1.768	2.488	18.4	20.3

173525 2000 VF_{53} 12 19.4 46.°31 3.°6/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.70	+30 46.9	1.118	1.977	18.9	19.2
11 27	6 15.29	+31 1.0	1.071	1.991	14.0	18.9
12 7	6 5.17	+31 5.0	1.044	2.005	8.6	18.7
12 17	5 52.83	+30 54.2	1.041	2.020	4.0	18.5
12 27	5 40.44	+30 27.8	1.063	2.036	5.7	18.6
1 6	5 30.06	+29 49.8	1.110	2.052	10.8	19.0
1 16	5 23.12	+29 6.6	1.180	2.068	15.6	19.3
1 26	5 20.28	+28 24.5	1.268	2.085	19.5	19.6

462393 2008 SY_{221} 12 19.4 25.°62 3.°1/19.3 17

11 17	6 12.75	+15 4.6	2.030	2.866	12.6	21.8
11 27	6 7.44	+14 43.0	1.962	2.870	9.3	21.6
12 7	6 0.23	+14 26.9	1.919	2.874	5.9	21.4
12 17	5 51.86	+14 17.2	1.903	2.878	3.3	21.2
12 27	5 43.31	+14 14.7	1.917	2.883	4.4	21.3
1 6	5 35.58	+14 19.5	1.958	2.888	7.7	21.5
1 16	5 29.48	+14 31.4	2.026	2.893	11.0	21.7
1 26	5 25.61	+14 49.4	2.117	2.898	13.9	21.9

58150 1988 CY_{4} 12 19.4 180.°19 1.°6/19.3 18

11 17	6 18.78	+20 13.0	1.902	2.737	13.3	20.0
11 27	6 11.97	+19 49.7	1.828	2.738	9.8	19.7
12 7	6 2.90	+19 27.0	1.779	2.739	5.7	19.5
12 17	5 52.41	+19 5.3	1.758	2.739	1.9	19.2
12 27	5 41.69	+18 45.4	1.766	2.739	3.8	19.4
1 6	5 31.94	+18 28.6	1.805	2.738	8.0	19.6
1 16	5 24.16	+18 16.4	1.869	2.736	11.8	19.9
1 26	5 19.00	+18 9.7	1.957	2.735	15.0	20.1

42170 2001 CA_{16} 12 19.4 143.°44 3.°9/19.7 18

11 17	6 17.14	+10 43.6	2.052	2.871	13.1	19.3
11 27	6 10.58	+10 50.7	1.984	2.880	9.9	19.1
12 7	6 2.03	+11 7.9	1.941	2.888	6.6	18.9
12 17	5 52.24	+11 35.2	1.926	2.896	4.1	18.8
12 27	5 42.23	+12 11.9	1.941	2.903	5.0	18.9
1 6	5 33.06	+12 56.2	1.986	2.910	8.0	19.1
1 16	5 25.58	+13 46.1	2.058	2.916	11.3	19.3
1 26	5 20.43	+14 39.4	2.153	2.922	14.1	19.5

134134 Kristoferdrozd 12 19.4 278.°57 0.°3/19.4 18

11 17	6 13.90	+21 31.6	2.282	3.117	11.4	20.1
11 27	6 8.30	+21 46.5	2.198	3.110	8.3	19.9
12 7	6 0.78	+22 3.0	2.141	3.102	4.8	19.6
12 17	5 52.01	+22 19.7	2.111	3.095	1.0	19.3
12 27	5 42.91	+22 35.7	2.113	3.087	3.0	19.5
1 6	5 34.48	+22 50.5	2.143	3.080	6.7	19.7
1 16	5 27.56	+23 4.5	2.202	3.072	10.1	19.9
1 26	5 22.83	+23 18.2	2.284	3.065	13.0	20.1

433918 2015 BN_{508} 12 19.4 189.°60 0.°3/19.4 18

11 17	6 21.13	+22 58.6	1.503	2.348	15.7	21.8
11 27	6 14.29	+22 56.8	1.432	2.348	11.5	21.5
12 7	6 4.49	+22 54.4	1.384	2.347	6.6	21.3
12 17	5 52.76	+22 49.8	1.363	2.346	1.3	20.9
12 27	5 40.65	+22 42.5	1.369	2.344	4.1	21.1
1 6	5 29.78	+22 33.6	1.404	2.342	9.3	21.4
1 16	5 21.45	+22 25.3	1.463	2.340	13.8	21.7
1 26	5 16.46	+22 19.7	1.543	2.337	17.6	21.9

435507 2008 HP_{16} 12 19.4 195.°17 3.°7/19.4 18

11 17	6 18.45	+14 9.2	1.738	2.571	14.5	22.2
11 27	6 11.93	+13 54.4	1.664	2.569	10.9	21.9
12 7	6 2.98	+13 47.0	1.613	2.567	6.9	21.7
12 17	5 52.46	+13 47.8	1.590	2.565	3.8	21.5
12 27	5 41.60	+13 57.2	1.596	2.562	5.2	21.6
1 6	5 31.68	+14 14.8	1.629	2.558	9.1	21.8
1 16	5 23.78	+14 39.8	1.689	2.554	12.9	22.0
1 26	5 18.65	+15 11.0	1.770	2.550	16.3	22.3

385741 2005 WY_{41} 12 19.4 218.°73 1.°6/19.3 18

11 17	6 18.45	+20 45.5	1.660	2.502	14.6	21.2
11 27	6 12.07	+20 19.2	1.585	2.499	10.7	21.0
12 7	6 3.10	+19 53.1	1.535	2.496	6.3	20.7
12 17	5 52.50	+19 27.5	1.511	2.493	2.0	20.4
12 27	5 41.57	+19 3.7	1.516	2.489	4.2	20.6
1 6	5 31.72	+18 43.4	1.549	2.485	8.8	20.8
1 16	5 24.07	+18 28.4	1.608	2.481	13.0	21.1
1 26	5 19.36	+18 19.8	1.688	2.477	16.6	21.3

266798 2009 SJ_{328} 12 19.4 68.°81 0.°9/19.4 18

11 17	6 14.75	+20 56.4	2.058	2.896	12.3	21.1
11 27	6 8.89	+20 51.2	1.993	2.906	9.0	20.9
12 7	6 1.07	+20 47.0	1.954	2.915	5.2	20.7
12 17	5 52.07	+20 43.5	1.942	2.925	1.3	20.5
12 27	5 42.93	+20 40.7	1.961	2.934	3.3	20.6
1 6	5 34.67	+20 38.8	2.008	2.944	7.1	20.9
1 16	5 28.14	+20 38.8	2.082	2.954	10.5	21.1
1 26	5 23.94	+20 41.4	2.179	2.963	13.5	21.3

403943 2012 BJ_{28} 12 19.4 296°.66 2°.9/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.44	+15 14.8	1.908	2.745	13.2	20.6
11 27	6 8.91	+15 9.5	1.830	2.738	9.9	20.3
12 7	6 1.23	+15 10.5	1.776	2.732	6.2	20.1
12 17	5 52.13	+15 18.3	1.749	2.726	3.1	19.9
12 27	5 42.69	+15 32.8	1.751	2.720	4.4	20.0
1 6	5 34.04	+15 53.5	1.781	2.714	8.2	20.2
1 16	5 27.13	+16 19.5	1.838	2.708	11.8	20.4
1 26	5 22.69	+16 50.1	1.917	2.702	15.0	20.6

114316 2002 XV_{56} 12 19.4 186°.84 2°.0/19.3 18

11 17	6 21.27	+26 46.0	1.739	2.576	14.3	20.0
11 27	6 14.25	+27 25.3	1.665	2.576	10.5	19.7
12 7	6 4.45	+28 2.5	1.616	2.575	6.3	19.5
12 17	5 52.78	+28 33.6	1.594	2.574	2.3	19.2
12 27	5 40.66	+28 55.4	1.601	2.573	4.2	19.4
1 6	5 29.59	+29 7.6	1.637	2.571	8.6	19.6
1 16	5 20.83	+29 12.0	1.699	2.569	12.6	19.8
1 26	5 15.20	+29 12.0	1.783	2.566	16.0	20.1

514303 2015 TR_{257} 12 19.4 126°.67 4°.6/20.1 18

11 17	6 23.77	+38 16.1	2.260	3.064	12.5	21.7
11 27	6 15.40	+38 29.4	2.199	3.082	9.7	21.6
12 7	6 4.74	+38 30.2	2.163	3.099	6.8	21.4
12 17	5 52.78	+38 15.4	2.155	3.116	4.7	21.3
12 27	5 40.82	+37 44.1	2.178	3.131	5.3	21.4
1 6	5 30.12	+36 59.0	2.231	3.147	7.7	21.6
1 16	5 21.62	+36 4.9	2.311	3.161	10.5	21.8
1 26	5 15.91	+35 7.1	2.415	3.175	13.0	22.0

398795 2013 AV_{142} 12 19.4 136°.78 6°.6/18.9 18

11 17	6 15.78	+ 5 31.6	2.093	2.900	13.3	21.6
11 27	6 9.47	+ 4 35.6	2.032	2.910	10.6	21.4
12 7	6 1.34	+ 3 51.3	1.995	2.920	8.1	21.3
12 17	5 52.13	+ 3 21.9	1.986	2.929	6.7	21.2
12 27	5 42.80	+ 3 9.7	2.005	2.938	7.3	21.3
1 6	5 34.32	+ 3 14.5	2.052	2.947	9.5	21.4
1 16	5 27.46	+ 3 34.7	2.124	2.955	12.1	21.6
1 26	5 22.78	+ 4 7.4	2.219	2.962	14.5	21.8

340401 2006 EU_{35} 12 19.4 18°.15 2°.0/19.5 18

11 17	6 15.36	+18 23.1	1.214	2.077	17.5	20.2
11 27	6 10.40	+18 29.1	1.158	2.082	12.8	20.0
12 7	6 2.37	+18 41.8	1.124	2.088	7.6	19.7
12 17	5 52.37	+19 0.0	1.113	2.095	2.5	19.4
12 27	5 42.08	+19 22.5	1.128	2.103	4.9	19.6
1 6	5 33.19	+19 48.0	1.169	2.112	10.1	19.9
1 16	5 26.99	+20 15.9	1.232	2.122	14.9	20.2
1 26	5 24.27	+20 45.5	1.315	2.133	18.8	20.5

78301 2002 PY_{56} 12 19.4 57°.54 0°.0/19.4 18

11 17	6 14.88	+24 0.2	2.086	2.924	12.2	18.9
11 27	6 8.93	+23 52.0	2.027	2.939	8.8	18.7
12 7	6 1.06	+23 42.2	1.993	2.955	5.0	18.5
12 17	5 52.08	+23 30.3	1.987	2.970	1.0	18.2
12 27	5 43.02	+23 16.4	2.011	2.986	3.1	18.4
1 6	5 34.92	+23 1.7	2.064	3.001	6.9	18.7
1 16	5 28.58	+22 47.6	2.145	3.017	10.2	18.9
1 26	5 24.55	+22 35.7	2.248	3.033	13.1	19.1

403752 2011 AH_{79} 12 19.4 28°.49 3°.7/20.0 17

11 17	6 17.93	+34 19.7	1.755	2.590	14.3	20.1
11 27	6 11.64	+34 14.1	1.693	2.598	10.8	19.9
12 7	6 2.79	+33 57.0	1.654	2.607	7.0	19.7
12 17	5 52.43	+33 25.9	1.642	2.616	3.9	19.5
12 27	5 42.00	+32 41.3	1.658	2.625	4.9	19.6
1 6	5 32.88	+31 46.4	1.702	2.635	8.4	19.8
1 16	5 26.13	+30 46.5	1.772	2.646	12.0	20.1
1 26	5 22.37	+29 46.9	1.864	2.657	15.1	20.3

298 Baptistina 12 19.4 312°.67 5°.3/19.4 18

11 17	6 20.49	+33 5.2	1.308	2.157	17.3	14.4
11 27	6 14.71	+33 51.5	1.235	2.147	13.3	14.1
12 7	6 5.17	+34 29.1	1.183	2.138	8.8	13.8
12 17	5 52.99	+34 50.7	1.156	2.128	5.5	13.6
12 27	5 40.08	+34 51.6	1.154	2.119	6.9	13.7
1 6	5 28.59	+34 32.8	1.177	2.111	11.2	13.9
1 16	5 20.24	+33 59.7	1.223	2.102	15.8	14.1
1 26	5 16.07	+33 19.8	1.289	2.095	19.8	14.4

388090 2005 UQ_{215} 12 19.4 13°.93 1°.8/19.4 18

11 17	6 14.77	+19 22.6	1.091	1.962	18.4	20.0
11 27	6 10.23	+19 25.1	1.038	1.966	13.5	19.7
12 7	6 2.37	+19 33.3	1.005	1.971	7.9	19.4
12 17	5 52.39	+19 46.2	0.995	1.977	2.3	19.1
12 27	5 42.09	+20 2.7	1.009	1.985	5.0	19.3
1 6	5 33.31	+20 22.0	1.048	1.994	10.7	19.7
1 16	5 27.46	+20 43.8	1.108	2.004	15.7	20.0
1 26	5 25.33	+21 7.9	1.188	2.015	19.9	20.3

191386 2003 SK_{40} 12 19.4 89°.57 3°.4/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.04	+34 6.4	2.307	3.128	11.8	19.8
11 27	6 11.21	+34 21.6	2.247	3.145	8.9	19.6
12 7	6 2.36	+34 28.3	2.213	3.161	5.8	19.5
12 17	5 52.34	+34 23.9	2.208	3.178	3.5	19.4
12 27	5 42.26	+34 7.7	2.232	3.195	4.3	19.4
1 6	5 33.19	+33 41.4	2.285	3.211	7.0	19.6
1 16	5 26.00	+33 8.1	2.366	3.227	9.9	19.9
1 26	5 21.24	+32 31.7	2.471	3.243	12.4	20.1

108401 2001 KG_{28} 12 19.4 124°.64 0°.0/19.4 18

11 17	6 17.48	+22 25.0	1.927	2.765	13.1	20.0
11 27	6 11.08	+22 40.8	1.860	2.772	9.5	19.8
12 7	6 2.43	+22 57.2	1.817	2.778	5.4	19.6
12 17	5 52.38	+23 12.6	1.802	2.785	1.1	19.3
12 27	5 42.09	+23 25.7	1.817	2.791	3.3	19.5
1 6	5 32.74	+23 36.4	1.861	2.797	7.5	19.7
1 16	5 25.33	+23 45.4	1.931	2.803	11.2	20.0
1 26	5 20.51	+23 54.1	2.025	2.809	14.3	20.2

150428 2000 GL_{46} 12 19.4 227°.74 0°.5/19.4 18

11 17	6 19.15	+22 15.2	1.813	2.651	13.8	21.1
11 27	6 12.55	+22 12.3	1.730	2.642	10.1	20.9
12 7	6 3.42	+22 9.4	1.671	2.633	5.8	20.6
12 17	5 52.60	+22 5.3	1.640	2.623	1.3	20.2
12 27	5 41.35	+21 59.7	1.639	2.613	3.7	20.4
1 6	5 31.02	+21 53.4	1.666	2.602	8.3	20.7
1 16	5 22.74	+21 47.7	1.719	2.591	12.4	20.9
1 26	5 17.31	+21 44.5	1.795	2.579	15.9	21.1

1391 Carelia 12 19.4 276°.65 1°.3/19.5 18

11 17	6 16.98	+18 58.0	1.780	2.621	13.9	16.2
11 27	6 11.12	+19 13.6	1.691	2.603	10.3	15.9
12 7	6 2.70	+19 34.0	1.625	2.586	6.0	15.7
12 17	5 52.49	+19 58.0	1.586	2.569	1.8	15.3
12 27	5 41.67	+20 24.2	1.577	2.551	3.9	15.5
1 6	5 31.60	+20 51.3	1.596	2.533	8.5	15.7
1 16	5 23.47	+21 19.1	1.641	2.515	12.7	15.9
1 26	5 18.16	+21 47.6	1.708	2.497	16.4	16.1

386986 2012 PR_{34} 12 19.4 51°.72 5°.2/19.4 18

11 17	6 17.07	+12 37.1	1.342	2.189	17.1	19.8
11 27	6 11.17	+12 3.6	1.292	2.203	12.9	19.6
12 7	6 2.59	+11 41.1	1.265	2.218	8.5	19.4
12 17	5 52.41	+11 31.7	1.261	2.233	5.4	19.3
12 27	5 42.14	+11 36.5	1.285	2.248	6.6	19.4
1 6	5 33.22	+11 54.7	1.334	2.264	10.5	19.7
1 16	5 26.77	+12 24.2	1.406	2.280	14.5	19.9
1 26	5 23.44	+13 2.3	1.499	2.296	17.9	20.2

368005 2012 FS_{53} 12 19.4 172°.74 0°.3/19.4 17

11 17	6 14.91	+23 34.8	2.568	3.397	10.5	22.2
11 27	6 8.81	+23 49.3	2.491	3.399	7.6	22.0
12 7	6 0.99	+24 3.4	2.441	3.401	4.4	21.8
12 17	5 52.10	+24 15.7	2.420	3.403	0.9	21.5
12 27	5 42.98	+24 25.5	2.430	3.404	2.7	21.7
1 6	5 34.53	+24 32.6	2.470	3.405	6.1	21.9
1 16	5 27.50	+24 37.8	2.539	3.405	9.1	22.1
1 26	5 22.46	+24 42.2	2.632	3.405	11.7	22.3

319703 2006 UA_{23} 12 19.4 359°.51 7°.3/19.1 17

11 17	5 59.96	+13 9.4	0.796	1.696	20.3	19.1
11 27	6 0.03	+12 9.1	0.747	1.685	15.6	18.8
12 7	5 56.78	+11 22.5	0.715	1.678	10.7	18.5
12 17	5 51.33	+10 56.5	0.701	1.675	7.4	18.3
12 27	5 45.45	+10 55.4	0.708	1.676	8.9	18.4
1 6	5 41.01	+11 18.7	0.734	1.682	13.5	18.6
1 16	5 39.44	+12 2.1	0.777	1.691	18.3	18.9
1 26	5 41.56	+12 58.9	0.837	1.704	22.6	19.3

45049 1999 XL_{21} 12 19.4 94°.48 4°.7/19.3 18

11 17	6 19.33	+13 9.3	1.467	2.306	16.3	19.3
11 27	6 12.65	+12 38.7	1.414	2.321	12.3	19.1
12 7	6 3.37	+12 17.4	1.383	2.336	8.0	18.9
12 17	5 52.57	+12 7.4	1.379	2.351	4.9	18.8
12 27	5 41.66	+12 9.4	1.402	2.365	6.2	18.9
1 6	5 32.07	+12 23.2	1.451	2.379	10.0	19.1
1 16	5 24.85	+12 47.2	1.526	2.393	13.9	19.4
1 26	5 20.66	+13 19.3	1.621	2.407	17.3	19.7

127971 2003 HP_{36} 12 19.4 153°.17 0°.5/19.4 18

11 17	6 19.72	+24 14.7	2.000	2.832	12.9	20.9
11 27	6 12.64	+24 29.0	1.930	2.840	9.4	20.7
12 7	6 3.31	+24 42.1	1.886	2.847	5.4	20.5
12 17	5 52.57	+24 52.0	1.871	2.854	1.2	20.2
12 27	5 41.60	+24 57.6	1.886	2.860	3.3	20.4
1 6	5 31.60	+24 59.1	1.930	2.865	7.4	20.7
1 16	5 23.57	+24 58.1	2.002	2.870	11.1	20.9
1 26	5 18.16	+24 56.5	2.097	2.875	14.1	21.1

385762 2005 YN_{75} 12 19.4 275°.70 1°.1/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.77	+25 56.5	1.668	2.511	14.5	21.5
11 27	6 12.67	+26 6.3	1.579	2.493	10.7	21.3
12 7	6 3.69	+26 13.5	1.513	2.475	6.3	21.0
12 17	5 52.70	+26 15.6	1.474	2.456	1.7	20.6
12 27	5 41.08	+26 10.9	1.464	2.438	4.0	20.7
1 6	5 30.38	+26 0.3	1.481	2.419	8.9	21.0
1 16	5 21.93	+25 46.1	1.524	2.400	13.4	21.2
1 26	5 16.66	+25 31.6	1.588	2.381	17.2	21.4

295078 2008 EW_{133} 12 19.4 101°.28 1°.1/19.3 18

11 17	6 20.25	+22 28.9	1.412	2.261	16.3	20.7
11 27	6 13.63	+22 1.0	1.349	2.267	11.9	20.4
12 7	6 4.08	+21 31.7	1.309	2.272	6.9	20.2
12 17	5 52.73	+21 1.2	1.294	2.277	1.7	19.9
12 27	5 41.17	+20 30.8	1.308	2.282	4.4	20.1
1 6	5 31.01	+20 3.1	1.348	2.287	9.5	20.4
1 16	5 23.47	+19 40.6	1.413	2.292	14.1	20.7
1 26	5 19.28	+19 25.3	1.499	2.297	17.9	20.9

305704 2009 BG_{172} 12 19.4 183°.72 2°.6/19.4 18

11 17	6 16.41	+16 16.9	2.021	2.852	12.8	22.0
11 27	6 10.19	+16 5.4	1.946	2.852	9.5	21.7
12 7	6 1.90	+15 58.5	1.896	2.852	5.8	21.5
12 17	5 52.30	+15 56.7	1.874	2.852	2.8	21.3
12 27	5 42.44	+16 0.1	1.882	2.851	4.2	21.4
1 6	5 33.41	+16 8.8	1.920	2.850	7.8	21.6
1 16	5 26.11	+16 22.6	1.984	2.849	11.3	21.9
1 26	5 21.20	+16 41.2	2.070	2.847	14.3	22.1

311691 2006 SV_{119} 12 19.4 59°.40 8°.4/19.2 18

11 17	6 24.14	+42 0.1	1.710	2.522	15.6	19.8
11 27	6 16.85	+43 31.1	1.659	2.536	12.7	19.7
12 7	6 6.14	+44 46.4	1.631	2.551	9.9	19.5
12 17	5 53.17	+45 37.6	1.628	2.565	8.4	19.5
12 27	5 39.78	+45 59.7	1.652	2.580	9.0	19.6
1 6	5 27.88	+45 54.1	1.702	2.595	11.2	19.7
1 16	5 18.97	+45 26.6	1.775	2.610	13.9	19.9
1 26	5 13.91	+44 45.6	1.869	2.626	16.4	20.1

98729 2000 YW_{25} 12 19.4 203°.29 2°.8/19.7 18

11 17	6 20.35	+31 39.4	1.918	2.747	13.5	19.9
11 27	6 13.36	+31 40.6	1.840	2.745	10.1	19.7
12 7	6 3.82	+31 33.3	1.787	2.742	6.3	19.4
12 17	5 52.69	+31 14.9	1.762	2.739	3.0	19.2
12 27	5 41.29	+30 44.8	1.766	2.736	4.3	19.3
1 6	5 30.99	+30 5.3	1.799	2.732	8.0	19.5
1 16	5 22.88	+29 20.5	1.859	2.728	11.8	19.7
1 26	5 17.69	+28 35.1	1.942	2.724	14.9	19.9

192119 2006 DG_{32} 12 19.4 270°.60 0°.3/19.4 18

11 17	6 14.60	+24 19.8	2.272	3.107	11.4	20.6
11 27	6 8.87	+24 22.1	2.185	3.096	8.4	20.4
12 7	6 1.17	+24 23.1	2.124	3.085	4.8	20.2
12 17	5 52.18	+24 21.6	2.091	3.074	1.0	19.9
12 27	5 42.86	+24 17.1	2.089	3.063	3.0	20.0
1 6	5 34.25	+24 10.2	2.116	3.052	6.8	20.3
1 16	5 27.21	+24 2.2	2.171	3.041	10.2	20.5
1 26	5 22.41	+23 54.7	2.249	3.030	13.2	20.6

133597 2003 UN_{88} 12 19.4 1°.10 6°.2/19.6 17

11 17	6 11.03	+ 8 9.0	1.644	2.480	15.0	19.2
11 27	6 6.61	+ 7 44.3	1.578	2.478	11.7	19.0
12 7	5 59.98	+ 7 33.3	1.535	2.477	8.4	18.8
12 17	5 51.95	+ 7 38.3	1.516	2.477	6.3	18.7
12 27	5 43.64	+ 8 0.3	1.524	2.478	7.1	18.7
1 6	5 36.22	+ 8 37.9	1.559	2.480	10.0	18.9
1 16	5 30.66	+ 9 28.3	1.617	2.483	13.4	19.1
1 26	5 27.65	+10 27.5	1.697	2.488	16.4	19.3

70217 1999 RM_{42} 12 19.4 335°.68 7°.4/18.4 18

11 17	6 20.04	+35 39.1	1.431	2.272	16.6	18.0
11 27	6 14.48	+37 22.5	1.359	2.262	13.0	17.8
12 7	6 5.17	+38 59.0	1.310	2.253	9.5	17.6
12 17	5 53.08	+40 18.2	1.285	2.244	7.5	17.4
12 27	5 40.01	+41 11.9	1.287	2.236	8.7	17.5
1 6	5 28.10	+41 37.8	1.314	2.229	12.1	17.7
1 16	5 19.20	+41 39.7	1.363	2.223	15.8	17.9
1 26	5 14.50	+41 25.2	1.432	2.217	19.2	18.1

413268 2003 TY_{47} 12 19.4 58°.03 4°.0/19.8 17

11 17	6 17.73	+35 16.1	2.109	2.933	12.6	21.2
11 27	6 11.29	+35 32.5	2.042	2.940	9.6	21.0
12 7	6 2.56	+35 39.2	2.000	2.946	6.5	20.8
12 17	5 52.45	+35 32.9	1.985	2.953	4.1	20.7
12 27	5 42.18	+35 12.8	1.999	2.960	4.9	20.8
1 6	5 32.97	+34 40.6	2.042	2.967	7.7	21.0
1 16	5 25.80	+34 0.1	2.111	2.974	10.8	21.2
1 26	5 21.29	+33 15.9	2.204	2.982	13.5	21.4

189929 2003 SW_{191} 12 19.4 130°.93 3°.5/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.77	+35 19.9	2.525	3.340	11.1	20.0
11 27	6 10.98	+35 34.2	2.456	3.348	8.4	19.9
12 7	6 2.26	+35 39.8	2.412	3.357	5.6	19.7
12 17	5 52.39	+35 34.1	2.398	3.365	3.6	19.6
12 27	5 42.39	+35 16.5	2.413	3.373	4.3	19.6
1 6	5 33.28	+34 48.3	2.458	3.381	6.8	19.8
1 16	5 25.91	+34 12.5	2.531	3.388	9.5	20.0
1 26	5 20.85	+33 32.9	2.629	3.395	11.9	20.2

427027 2014 SW_{285} 12 19.4 40°.57 6°.1/18.9 18

11 17	6 12.84	+ 8 17.6	1.914	2.739	13.7	20.6
11 27	6 7.51	+ 7 23.3	1.858	2.750	10.7	20.4
12 7	6 0.31	+ 6 39.9	1.826	2.762	7.8	20.3
12 17	5 52.00	+ 6 10.3	1.820	2.775	6.1	20.2
12 27	5 43.60	+ 5 56.6	1.842	2.787	6.9	20.3
1 6	5 36.09	+ 5 58.9	1.891	2.800	9.4	20.4
1 16	5 30.27	+ 6 15.7	1.966	2.813	12.2	20.6
1 26	5 26.69	+ 6 44.2	2.061	2.827	14.7	20.9

8631 1981 EK_{41} 12 19.4 126°.63 4°.3/19.2 18

11 17	6 18.54	+14 40.8	1.450	2.294	16.3	18.1
11 27	6 12.30	+14 7.1	1.386	2.297	12.2	17.8
12 7	6 3.33	+13 40.7	1.345	2.300	7.8	17.6
12 17	5 52.63	+13 23.5	1.329	2.303	4.4	17.4
12 27	5 41.65	+13 17.1	1.340	2.306	6.0	17.5
1 6	5 31.88	+13 21.8	1.378	2.309	10.2	17.8
1 16	5 24.49	+13 37.1	1.440	2.312	14.4	18.0
1 26	5 20.23	+14 1.3	1.523	2.314	18.0	18.3

177673 2005 EV_{68} 12 19.4 256°.84 0°.8/19.4 18

11 17	6 19.74	+22 21.7	1.468	2.316	15.8	20.7
11 27	6 13.47	+22 7.3	1.389	2.306	11.7	20.4
12 7	6 4.17	+21 52.2	1.334	2.297	6.8	20.1
12 17	5 52.83	+21 35.7	1.304	2.287	1.6	19.8
12 27	5 40.97	+21 18.1	1.302	2.277	4.3	19.9
1 6	5 30.25	+21 1.0	1.327	2.266	9.6	20.2
1 16	5 22.03	+20 46.8	1.376	2.256	14.4	20.5
1 26	5 17.21	+20 37.5	1.447	2.245	18.4	20.7

381722 2009 RG 12 19.4 24°.74 6°.4/19.9 18

11 17	6 21.12	+36 1.1	1.169	2.021	18.8	20.3
11 27	6 15.20	+36 36.2	1.116	2.027	14.5	20.1
12 7	6 5.36	+36 56.0	1.082	2.033	9.9	19.9
12 17	5 53.05	+36 53.5	1.072	2.041	6.6	19.7
12 27	5 40.47	+36 26.1	1.086	2.049	7.6	19.8
1 6	5 29.85	+35 37.9	1.124	2.058	11.6	20.0
1 16	5 22.75	+34 37.3	1.185	2.068	15.9	20.3
1 26	5 19.96	+33 33.0	1.265	2.078	19.7	20.6

147082 2002 ST_{36} 12 19.4 40°.04 5°.1/19.4 18

11 17	6 21.38	+32 17.6	1.276	2.127	17.6	18.9
11 27	6 15.14	+33 15.9	1.221	2.134	13.3	18.7
12 7	6 5.28	+34 5.6	1.187	2.142	8.7	18.4
12 17	5 53.04	+34 39.3	1.177	2.150	5.3	18.3
12 27	5 40.42	+34 52.6	1.194	2.159	6.7	18.4
1 6	5 29.45	+34 46.4	1.236	2.168	10.9	18.6
1 16	5 21.68	+34 26.0	1.300	2.178	15.2	18.9
1 26	5 17.97	+33 58.3	1.385	2.188	18.8	19.2

255109 2005 UU_{88} 12 19.4 46°.60 1°.1/19.4 18

11 17	6 15.22	+20 28.2	1.871	2.713	13.2	20.6
11 27	6 9.46	+20 22.6	1.804	2.718	9.6	20.4
12 7	6 1.53	+20 18.8	1.762	2.724	5.6	20.2
12 17	5 52.27	+20 16.3	1.747	2.729	1.6	19.9
12 27	5 42.80	+20 15.0	1.761	2.735	3.6	20.1
1 6	5 34.28	+20 15.3	1.804	2.741	7.7	20.3
1 16	5 27.64	+20 17.8	1.873	2.748	11.4	20.6
1 26	5 23.53	+20 23.3	1.965	2.754	14.5	20.8

377256 2004 CA_{56} 12 19.4 339°.94 0°.0/19.4 18

11 17	6 15.10	+22 18.5	1.099	1.970	18.3	20.7
11 27	6 10.88	+22 38.2	1.030	1.958	13.5	20.4
12 7	6 3.05	+23 1.3	0.981	1.948	7.8	20.1
12 17	5 52.65	+23 24.9	0.955	1.938	1.6	19.6
12 27	5 41.53	+23 46.3	0.953	1.930	4.9	19.8
1 6	5 31.74	+24 4.5	0.975	1.923	11.1	20.2
1 16	5 24.97	+24 20.4	1.019	1.917	16.6	20.4
1 26	5 22.27	+24 35.6	1.081	1.912	21.2	20.7

334707 2003 FH_{45} 12 19.4 214°.01 2°.8/19.3 18

11 17	6 17.82	+16 42.6	1.838	2.672	13.7	20.9
11 27	6 11.45	+16 20.8	1.759	2.667	10.2	20.7
12 7	6 2.74	+16 3.1	1.705	2.662	6.3	20.5
12 17	5 52.53	+15 50.3	1.678	2.656	3.0	20.3
12 27	5 41.97	+15 43.3	1.681	2.650	4.6	20.3
1 6	5 32.30	+15 42.6	1.712	2.643	8.5	20.6
1 16	5 24.56	+15 48.5	1.770	2.636	12.4	20.8
1 26	5 19.47	+16 0.9	1.849	2.629	15.7	21.0

257843 2000 KR_{43} 12 19.4 184.°45 0.°8/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.78	+24 6.0	2.313	3.142	11.5	21.5
11 27	6 11.14	+24 41.0	2.235	3.142	8.4	21.3
12 7	6 2.47	+25 16.2	2.182	3.142	4.8	21.1
12 17	5 52.47	+25 48.8	2.159	3.141	1.2	20.8
12 27	5 42.13	+26 17.1	2.167	3.140	3.1	21.0
1 6	5 32.51	+26 40.2	2.205	3.139	6.7	21.2
1 16	5 24.51	+26 58.5	2.272	3.137	10.1	21.4
1 26	5 18.82	+27 13.5	2.362	3.134	12.9	21.6

193759 2001 KG_{72} 12 19.4 137.°20 2.°0/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.14	+18 12.0	2.665	3.490	10.2	20.3
11 27	6 8.05	+17 34.3	2.594	3.499	7.5	20.1
12 7	6 0.48	+16 57.9	2.551	3.507	4.5	20.0
12 17	5 52.04	+16 23.9	2.537	3.515	2.1	19.8
12 27	5 43.53	+15 53.5	2.555	3.523	3.3	19.9
1 6	5 35.71	+15 28.0	2.603	3.530	6.2	20.1
1 16	5 29.23	+15 8.3	2.679	3.537	9.0	20.3
1 26	5 24.57	+14 54.9	2.780	3.544	11.4	20.5

24711 Chamisso 12 19.4 167.°90 0.°7/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.49	+25 30.3	1.962	2.792	13.2	19.6
11 27	6 13.99	+25 31.3	1.889	2.797	9.6	19.3
12 7	6 4.13	+25 29.4	1.842	2.802	5.6	19.1
12 17	5 52.79	+25 22.6	1.823	2.806	1.3	18.8
12 27	5 41.23	+25 10.6	1.835	2.809	3.4	19.0
1 6	5 30.72	+24 54.6	1.877	2.811	7.6	19.3
1 16	5 22.26	+24 36.9	1.945	2.813	11.4	19.5
1 26	5 16.56	+24 20.1	2.038	2.813	14.5	19.7

187957 2001 OA_{57} 12 19.4 98.°70 1.°1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.08	+20 11.3	1.641	2.480	14.9	20.4
11 27	6 13.78	+20 18.1	1.589	2.501	10.8	20.2
12 7	6 3.98	+20 27.2	1.561	2.522	6.2	20.0
12 17	5 52.75	+20 37.4	1.561	2.543	1.6	19.7
12 27	5 41.45	+20 47.7	1.589	2.563	3.8	19.9
1 6	5 31.45	+20 58.0	1.646	2.583	8.3	20.2
1 16	5 23.76	+21 9.0	1.730	2.602	12.3	20.5
1 26	5 19.02	+21 21.6	1.835	2.621	15.5	20.8

435578 2008 RB_{113} 12 19.4 120.°75 1.°4/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.56	+27 28.4	1.859	2.691	13.7	22.0
11 27	6 14.03	+27 32.8	1.799	2.708	10.0	21.8
12 7	6 4.11	+27 32.3	1.764	2.724	5.9	21.6
12 17	5 52.78	+27 25.0	1.757	2.739	1.8	21.3
12 27	5 41.36	+27 10.3	1.780	2.754	3.7	21.5
1 6	5 31.17	+26 50.0	1.833	2.768	7.7	21.8
1 16	5 23.20	+26 26.9	1.912	2.781	11.5	22.0
1 26	5 18.07	+26 4.2	2.014	2.794	14.5	22.3

512081 2015 NR_{11} 12 19.4 315.°21 0.°7/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.64	+23 38.9	1.389	2.242	16.3	20.5
11 27	6 12.70	+23 10.0	1.317	2.237	12.0	20.3
12 7	6 3.72	+22 37.9	1.267	2.231	6.9	20.0
12 17	5 52.75	+22 2.7	1.243	2.226	1.5	19.6
12 27	5 41.40	+21 25.9	1.246	2.221	4.4	19.8
1 6	5 31.33	+20 50.4	1.276	2.217	9.7	20.1
1 16	5 23.88	+20 19.6	1.329	2.212	14.5	20.4
1 26	5 19.87	+19 56.2	1.403	2.208	18.5	20.6

479748 2014 EE_{12} 12 19.4 345.°53 3.°0/19.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.06	+30 13.8	1.227	2.087	17.5	20.9
11 27	6 12.08	+30 17.2	1.158	2.079	13.1	20.6
12 7	6 3.58	+30 11.5	1.110	2.072	8.0	20.3
12 17	5 52.74	+29 53.1	1.086	2.066	3.4	20.0
12 27	5 41.42	+29 21.1	1.088	2.061	5.3	20.1
1 6	5 31.59	+28 38.6	1.114	2.057	10.5	20.4
1 16	5 24.78	+27 51.4	1.163	2.054	15.5	20.6
1 26	5 21.88	+27 5.6	1.231	2.052	19.7	20.9

404530 2013 HM_{128} 12 19.4 25.°54 2.°5/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.63	+30 16.4	1.795	2.634	13.8	20.8
11 27	6 11.48	+30 25.3	1.726	2.636	10.3	20.5
12 7	6 2.80	+30 27.3	1.681	2.639	6.3	20.3
12 17	5 52.54	+30 19.8	1.663	2.641	2.8	20.1
12 27	5 42.04	+30 2.0	1.673	2.644	4.2	20.2
1 6	5 32.66	+29 35.6	1.711	2.647	8.1	20.4
1 16	5 25.48	+29 4.1	1.776	2.650	11.9	20.7
1 26	5 21.21	+28 31.5	1.862	2.653	15.1	20.9

367980 2012 EK_{17} 12 19.4 181.°57 2.°0/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.85	+15 32.8	2.768	3.589	10.0	21.8
11 27	6 7.91	+15 38.0	2.689	3.590	7.4	21.7
12 7	6 0.46	+15 47.7	2.636	3.590	4.6	21.5
12 17	5 52.07	+16 1.5	2.613	3.590	2.2	21.3
12 27	5 43.47	+16 19.2	2.621	3.590	3.2	21.4
1 6	5 35.43	+16 40.2	2.660	3.589	6.0	21.6
1 16	5 28.61	+17 4.1	2.728	3.587	8.8	21.7
1 26	5 23.54	+17 30.3	2.820	3.585	11.2	21.9

334548 2002 SY_{19} 12 19.4 181.°33 10.°9/18.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.72	− 6 50.5	2.087	2.838	15.2	21.6
11 27	6 11.02	− 8 8.9	2.024	2.840	13.3	21.5
12 7	6 2.35	− 9 7.1	1.983	2.841	11.7	21.4
12 17	5 52.47	− 9 39.7	1.966	2.841	10.9	21.3
12 27	5 42.35	− 9 43.6	1.975	2.840	11.3	21.3
1 6	5 33.02	− 9 19.3	2.009	2.839	12.7	21.4
1 16	5 25.33	− 8 30.2	2.066	2.836	14.5	21.6
1 26	5 19.92	− 7 22.0	2.143	2.832	16.4	21.7

501676 2014 TA_{35} 12 19.4 90.°47 16.°3/17.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.20	− 5 19.5	1.174	1.974	22.0	21.1
11 27	6 13.67	− 7 58.4	1.137	1.985	19.3	20.9
12 7	6 4.14	−10 6.3	1.118	1.996	17.2	20.9
12 17	5 52.82	−11 31.2	1.121	2.007	16.3	20.8
12 27	5 41.39	−12 6.2	1.144	2.019	17.0	20.9
1 6	5 31.48	−11 52.8	1.187	2.029	18.8	21.1
1 16	5 24.33	−10 58.8	1.248	2.040	21.1	21.3
1 26	5 20.63	− 9 35.1	1.324	2.051	23.3	21.5

240167 2002 PP_{112} 12 19.4 88.°09 6.°3/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.42	+40 43.9	1.986	2.788	14.1	20.0
11 27	6 17.69	+41 32.9	1.942	2.818	11.1	19.9
12 7	6 6.23	+42 6.8	1.923	2.849	8.3	19.8
12 17	5 53.22	+42 20.2	1.931	2.878	6.5	19.7
12 27	5 40.23	+42 11.2	1.967	2.907	6.9	19.8
1 6	5 28.79	+41 42.4	2.032	2.936	9.1	20.0
1 16	5 19.99	+40 59.6	2.123	2.963	11.7	20.2
1 26	5 14.45	+40 9.3	2.236	2.991	14.0	20.4

453186 2008 EQ_{134} 12 19.4 256.°92 2.°7/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.85	+15 55.6	2.057	2.890	12.5	22.1
11 27	6 9.15	+15 43.0	1.975	2.882	9.3	21.9
12 7	6 1.40	+15 35.2	1.917	2.873	5.8	21.7
12 17	5 52.30	+15 32.9	1.886	2.864	2.9	21.5
12 27	5 42.88	+15 36.3	1.886	2.854	4.2	21.5
1 6	5 34.17	+15 45.5	1.914	2.845	7.8	21.7
1 16	5 27.10	+16 0.4	1.969	2.836	11.3	21.9
1 26	5 22.35	+16 20.4	2.047	2.826	14.4	22.1

244201 2001 YL_{102} 12 19.4 48.°54 1.°2/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.01	+19 42.5	1.206	2.063	18.0	19.7
11 27	6 13.53	+20 0.4	1.168	2.089	13.0	19.5
12 7	6 4.02	+20 22.8	1.152	2.116	7.5	19.3
12 17	5 52.80	+20 47.3	1.161	2.143	1.9	19.0
12 27	5 41.63	+21 11.9	1.196	2.171	4.5	19.3
1 6	5 32.17	+21 35.5	1.257	2.199	9.7	19.6
1 16	5 25.60	+21 58.4	1.342	2.228	14.2	20.0
1 26	5 22.51	+22 21.1	1.447	2.256	17.9	20.3

241448 2008 YV_{88} 12 19.4 181.°74 0.°1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.21	+23 4.3	2.126	2.957	12.2	22.3
11 27	6 11.52	+23 8.6	2.049	2.958	8.9	22.1
12 7	6 2.71	+23 12.4	1.998	2.959	5.1	21.9
12 17	5 52.56	+23 14.4	1.975	2.959	1.0	21.6
12 27	5 42.14	+23 14.1	1.984	2.958	3.1	21.8
1 6	5 32.57	+23 11.8	2.021	2.957	7.1	22.0
1 16	5 24.78	+23 8.7	2.087	2.955	10.7	22.2
1 26	5 19.42	+23 6.5	2.176	2.953	13.7	22.4

326510 2002 MH_{6} 12 19.4 163.°91 3.°6/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.25	+10 47.1	2.451	3.268	11.3	21.3
11 27	6 7.62	+10 46.1	2.376	3.270	8.6	21.1
12 7	6 0.36	+10 53.3	2.327	3.272	5.8	21.0
12 17	5 52.09	+11 9.1	2.306	3.274	3.8	20.8
12 27	5 43.60	+11 33.6	2.316	3.275	4.5	20.9
1 6	5 35.73	+12 5.6	2.355	3.276	7.1	21.1
1 16	5 29.21	+12 43.7	2.421	3.277	9.9	21.2
1 26	5 24.58	+13 26.5	2.512	3.278	12.4	21.4

192428 1997 TZ_{5} 12 19.4 144.°50 1.°7/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.63	+28 36.1	2.606	3.432	10.4	20.8
11 27	6 9.38	+28 57.2	2.534	3.439	7.7	20.6
12 7	6 1.38	+29 14.5	2.488	3.445	4.6	20.5
12 17	5 52.29	+29 26.3	2.472	3.451	1.9	20.3
12 27	5 43.01	+29 31.3	2.486	3.457	3.1	20.4
1 6	5 34.44	+29 30.0	2.531	3.462	6.1	20.6
1 16	5 27.36	+29 23.6	2.603	3.467	9.0	20.8
1 26	5 22.35	+29 14.5	2.701	3.472	11.5	21.0

328422 2008 SY_{250} 12 19.4 192.°28 0.°2/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.36	+24 1.1	2.759	3.587	9.9	21.9
11 27	6 8.37	+24 5.4	2.678	3.585	7.2	21.7
12 7	6 0.77	+24 8.6	2.623	3.583	4.1	21.5
12 17	5 52.17	+24 9.7	2.598	3.581	0.8	21.3
12 27	5 43.36	+24 8.5	2.604	3.578	2.5	21.4
1 6	5 35.17	+24 5.3	2.641	3.575	5.7	21.6
1 16	5 28.28	+24 0.9	2.706	3.571	8.6	21.8
1 26	5 23.26	+23 56.6	2.797	3.568	11.1	22.0

114150 2002 VS_{64} 12 19.4 151°.29 4°.2/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.58	+36 31.0	2.201	3.015	12.5	19.6
11 27	6 14.01	+36 42.1	2.131	3.022	9.6	19.4
12 7	6 4.12	+36 42.2	2.086	3.028	6.5	19.2
12 17	5 52.84	+36 28.0	2.069	3.034	4.3	19.1
12 27	5 41.42	+35 58.7	2.081	3.040	5.0	19.1
1 6	5 31.12	+35 16.5	2.123	3.045	7.7	19.3
1 16	5 22.93	+34 25.9	2.193	3.050	10.7	19.5
1 26	5 17.49	+33 31.8	2.286	3.054	13.4	19.7

176088 2000 YQ_{57} 12 19.4 37°.07 2°.6/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.89	+30 6.3	1.044	1.909	19.5	19.3
11 27	6 14.81	+29 51.6	0.999	1.923	14.4	19.0
12 7	6 4.99	+29 26.0	0.974	1.937	8.6	18.8
12 17	5 53.01	+28 47.2	0.972	1.953	3.2	18.5
12 27	5 41.07	+27 56.5	0.995	1.970	5.3	18.7
1 6	5 31.24	+26 59.8	1.042	1.987	10.8	19.1
1 16	5 24.89	+26 3.9	1.111	2.005	15.8	19.4
1 26	5 22.64	+25 14.2	1.200	2.024	19.9	19.7

274732 2008 UG_{191} 12 19.4 111°.44 0°.1/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.39	+23 12.5	2.454	3.286	10.8	21.3
11 27	6 8.49	+23 22.5	2.385	3.294	7.8	21.1
12 7	6 0.87	+23 32.1	2.341	3.302	4.5	20.9
12 17	5 52.20	+23 40.3	2.327	3.310	0.9	20.7
12 27	5 43.37	+23 46.4	2.344	3.318	2.7	20.8
1 6	5 35.26	+23 50.6	2.390	3.326	6.2	21.1
1 16	5 28.62	+23 53.5	2.465	3.333	9.2	21.3
1 26	5 24.02	+23 56.3	2.563	3.341	11.9	21.5

295149 2008 FY_{52} 12 19.4 332°.96 1°.7/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.87	+19 0.7	1.786	2.630	13.7	21.2
11 27	6 9.42	+18 56.0	1.711	2.625	10.0	21.0
12 7	6 1.65	+18 54.6	1.660	2.621	5.9	20.8
12 17	5 52.39	+18 56.3	1.636	2.617	2.0	20.5
12 27	5 42.78	+19 0.9	1.640	2.613	3.9	20.6
1 6	5 34.07	+19 8.5	1.672	2.610	8.1	20.9
1 16	5 27.27	+19 19.3	1.731	2.607	12.1	21.1
1 26	5 23.11	+19 33.5	1.811	2.604	15.4	21.3

426300 2012 TE_{131} 12 19.5 120°.99 2°.4/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.68	+17 28.7	1.832	2.664	13.9	21.5
11 27	6 12.59	+17 12.6	1.773	2.680	10.2	21.3
12 7	6 3.28	+17 0.3	1.739	2.696	6.1	21.1
12 17	5 52.68	+16 52.2	1.733	2.712	2.6	20.9
12 27	5 41.99	+16 48.5	1.756	2.727	4.2	21.1
1 6	5 32.40	+16 49.7	1.809	2.741	8.1	21.3
1 16	5 24.83	+16 56.0	1.888	2.754	11.7	21.6
1 26	5 19.91	+17 7.3	1.990	2.767	14.8	21.8

199772 2006 KY_{23} 12 19.5 273°.43 2°.1/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.50	+15 48.0	2.316	3.146	11.4	20.2
11 27	6 7.97	+15 57.9	2.238	3.144	8.5	20.0
12 7	6 0.65	+16 13.3	2.185	3.141	5.2	19.8
12 17	5 52.18	+16 33.8	2.160	3.139	2.3	19.6
12 27	5 43.45	+16 58.8	2.166	3.136	3.5	19.7
1 6	5 35.35	+17 27.2	2.201	3.134	6.8	19.9
1 16	5 28.69	+17 58.4	2.264	3.131	10.0	20.1
1 26	5 24.08	+18 31.7	2.351	3.129	12.8	20.3

484279 2007 JL_{40} 12 19.5 91°.77 6°.2/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.44	+ 6 58.7	1.933	2.741	14.2	21.8
11 27	6 12.04	+ 6 12.7	1.892	2.774	11.1	21.7
12 7	6 2.79	+ 5 39.2	1.876	2.807	8.1	21.6
12 17	5 52.57	+ 5 20.6	1.887	2.839	6.2	21.5
12 27	5 42.45	+ 5 18.0	1.928	2.870	6.9	21.6
1 6	5 33.44	+ 5 30.7	1.997	2.900	9.3	21.8
1 16	5 26.30	+ 5 56.4	2.092	2.929	12.0	22.1
1 26	5 21.54	+ 6 32.2	2.209	2.958	14.4	22.3

85719 1998 SV_{59} 12 19.5 26°.21 0°.7/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.67	+20 57.9	1.286	2.147	16.8	18.7
11 27	6 10.51	+21 11.9	1.235	2.158	12.2	18.5
12 7	6 2.42	+21 29.1	1.206	2.171	7.0	18.2
12 17	5 52.54	+21 47.6	1.202	2.185	1.6	17.9
12 27	5 42.48	+22 5.7	1.224	2.200	4.2	18.1
1 6	5 33.83	+22 23.0	1.272	2.216	9.4	18.5
1 16	5 27.78	+22 39.7	1.344	2.233	14.0	18.8
1 26	5 25.07	+22 56.7	1.436	2.250	17.7	19.1

380511 2004 FO_9 12 19.5 331°.50 5°.1/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.89	+15 2.7	1.135	2.000	18.3	20.9
11 27	6 9.77	+14 19.1	1.062	1.985	13.9	20.6
12 7	6 2.34	+13 42.8	1.010	1.970	9.0	20.3
12 17	5 52.59	+13 17.6	0.980	1.956	5.3	20.0
12 27	5 42.18	+13 6.5	0.975	1.943	7.1	20.1
1 6	5 32.95	+13 10.6	0.993	1.932	12.1	20.3
1 16	5 26.45	+13 29.6	1.032	1.921	17.2	20.6
1 26	5 23.67	+14 0.9	1.089	1.912	21.6	20.8

217696 1999 SO_3 12 19.5 44°.04 5°.8/21.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.86	+41 14.7	1.566	2.379	16.7	19.1
11 27	6 18.61	+40 48.4	1.531	2.418	12.9	19.0
12 7	6 6.54	+40 1.9	1.519	2.456	9.0	18.9
12 17	5 53.26	+38 53.0	1.534	2.495	6.2	18.8
12 27	5 40.64	+37 24.6	1.577	2.534	6.4	18.9
1 6	5 30.22	+35 44.3	1.648	2.573	9.3	19.2
1 16	5 22.93	+34 1.2	1.746	2.612	12.5	19.4
1 26	5 19.12	+32 22.8	1.866	2.651	15.3	19.7

16999 Ajstewart 12 19.5 217°.98 1°.6/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.16	+27 15.0	1.950	2.782	13.2	18.6
11 27	6 13.30	+27 31.5	1.866	2.775	9.7	18.4
12 7	6 3.92	+27 44.6	1.808	2.767	5.8	18.2
12 17	5 52.87	+27 51.5	1.777	2.759	1.9	17.9
12 27	5 41.40	+27 50.7	1.777	2.750	3.7	18.0
1 6	5 30.82	+27 42.6	1.806	2.740	7.9	18.2
1 16	5 22.27	+27 29.7	1.861	2.730	11.7	18.4
1 26	5 16.54	+27 15.0	1.940	2.719	15.0	18.6

480331 2015 JB 12 19.5 126°.19 7°.1/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.59	+ 1 37.7	2.108	2.894	13.9	21.7
11 27	6 11.48	+ 1 15.4	2.053	2.915	11.3	21.6
12 7	6 2.55	+ 1 9.0	2.022	2.934	8.8	21.5
12 17	5 52.56	+ 1 20.6	2.018	2.953	7.2	21.4
12 27	5 42.50	+ 1 50.5	2.043	2.970	7.6	21.5
1 6	5 33.34	+ 2 36.7	2.097	2.987	9.6	21.6
1 16	5 25.87	+ 3 35.8	2.177	3.003	12.0	21.8
1 26	5 20.64	+ 4 43.9	2.280	3.018	14.3	22.0

95952 2003 QP_{12} 12 19.5 29°.83 0°.2/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.49	+22 47.3	2.195	3.036	11.6	17.6
11 27	6 7.23	+23 8.8	2.141	3.055	8.4	17.5
12 7	6 0.19	+23 30.7	2.112	3.075	4.8	17.3
12 17	5 52.09	+23 51.5	2.112	3.095	1.0	17.0
12 27	5 43.89	+24 9.9	2.141	3.116	2.9	17.2
1 6	5 36.53	+24 25.8	2.199	3.137	6.4	17.5
1 16	5 30.75	+24 39.5	2.285	3.159	9.6	17.7
1 26	5 27.11	+24 51.8	2.394	3.182	12.3	17.9

177477 2004 EA_{10} 12 19.5 72°.77 5°.0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.76	+36 26.2	1.808	2.634	14.3	20.0
11 27	6 13.87	+36 52.3	1.746	2.643	11.0	19.8
12 7	6 4.23	+37 6.6	1.708	2.652	7.6	19.6
12 17	5 52.92	+37 4.6	1.695	2.661	5.1	19.5
12 27	5 41.43	+36 44.7	1.712	2.670	5.9	19.6
1 6	5 31.26	+36 9.2	1.755	2.679	8.9	19.8
1 16	5 23.55	+35 23.3	1.825	2.689	12.2	20.0
1 26	5 19.00	+34 32.7	1.917	2.698	15.1	20.2

369005 2007 JE_{12} 12 19.5 107°.44 5°.8/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.83	+ 4 18.1	2.566	3.364	11.4	20.9
11 27	6 7.13	+ 3 38.7	2.509	3.380	9.2	20.8
12 7	6 0.00	+ 3 10.2	2.477	3.396	7.0	20.6
12 17	5 52.05	+ 2 54.9	2.473	3.411	5.8	20.6
12 27	5 44.04	+ 2 53.8	2.498	3.427	6.3	20.6
1 6	5 36.69	+ 3 6.6	2.551	3.442	8.1	20.8
1 16	5 30.63	+ 3 31.7	2.631	3.456	10.2	20.9
1 26	5 26.32	+ 4 6.6	2.733	3.471	12.2	21.1

377071 2002 TQ_{373} 12 19.5 71°.50 3°.4/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.02	+13 57.1	2.284	3.112	11.6	21.4
11 27	6 7.50	+13 21.6	2.218	3.120	8.7	21.2
12 7	6 0.30	+12 51.1	2.177	3.127	5.7	21.0
12 17	5 52.12	+12 27.4	2.164	3.135	3.5	20.9
12 27	5 43.82	+12 11.7	2.181	3.143	4.5	21.0
1 6	5 36.26	+12 4.4	2.227	3.150	7.3	21.2
1 16	5 30.17	+12 5.6	2.300	3.158	10.2	21.4
1 26	5 26.07	+12 14.5	2.397	3.166	12.8	21.6

172894 2005 GX_{17} 12 19.5 254°.67 6°.0/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.07	+ 7 13.2	1.930	2.747	13.9	20.4
11 27	6 9.40	+ 6 46.7	1.849	2.738	11.0	20.2
12 7	6 1.61	+ 6 32.2	1.792	2.728	8.0	20.0
12 17	5 52.42	+ 6 32.4	1.762	2.718	6.1	19.9
12 27	5 42.85	+ 6 48.4	1.760	2.708	6.9	19.9
1 6	5 34.01	+ 7 19.5	1.785	2.697	9.6	20.0
1 16	5 26.85	+ 8 3.6	1.836	2.687	12.8	20.2
1 26	5 22.07	+ 8 57.5	1.909	2.676	15.7	20.4

418745 2008 UQ_{155} 12 19.5 299°.52 2°.9/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.01	+31 14.6	2.330	3.157	11.4	21.2
11 27	6 10.00	+31 51.8	2.253	3.156	8.6	21.0
12 7	6 1.91	+32 24.0	2.202	3.155	5.5	20.9
12 17	5 52.47	+32 48.0	2.179	3.153	3.1	20.7
12 27	5 42.70	+33 1.8	2.187	3.152	4.1	20.8
1 6	5 33.69	+33 5.4	2.223	3.151	7.1	20.9
1 16	5 26.37	+33 0.5	2.287	3.149	10.1	21.1
1 26	5 21.42	+32 50.2	2.374	3.148	12.8	21.3

326856 2003 UQ_{187} 12 19.5 76°.84 0°.1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.35	+24 13.0	2.217	3.052	11.7	20.0
11 27	6 9.26	+23 53.3	2.152	3.063	8.5	19.8
12 7	6 1.33	+23 31.3	2.113	3.074	4.8	19.6
12 17	5 52.33	+23 7.1	2.102	3.085	1.0	19.3
12 27	5 43.25	+22 41.3	2.121	3.096	2.9	19.5
1 6	5 35.05	+22 15.3	2.171	3.107	6.6	19.7
1 16	5 28.53	+21 51.1	2.247	3.118	9.9	20.0
1 26	5 24.23	+21 30.2	2.348	3.129	12.7	20.2

179674 2002 QL_{61} 12 19.5 124°.13 2°.5/19.4 18

11 17	6 20.20	+17 18.7	1.604	2.442	15.2	21.0
11 27	6 13.30	+17 7.7	1.543	2.454	11.2	20.8
12 7	6 3.85	+17 1.6	1.506	2.465	6.7	20.6
12 17	5 52.85	+17 0.5	1.496	2.476	2.8	20.3
12 27	5 41.67	+17 4.4	1.515	2.486	4.6	20.5
1 6	5 31.69	+17 13.2	1.561	2.496	8.9	20.8
1 16	5 23.98	+17 27.0	1.634	2.505	13.0	21.0
1 26	5 19.24	+17 45.4	1.727	2.514	16.3	21.3

226485 2003 SO_{238} 12 19.5 45°.50 3°.6/19.2 17

11 17	6 13.41	+14 0.2	2.093	2.925	12.4	20.4
11 27	6 7.94	+13 28.7	2.025	2.929	9.3	20.2
12 7	6 0.63	+13 3.0	1.981	2.933	6.0	20.0
12 17	5 52.21	+12 44.5	1.966	2.937	3.7	19.9
12 27	5 43.61	+12 34.3	1.979	2.942	4.7	19.9
1 6	5 35.81	+12 33.0	2.021	2.947	7.8	20.1
1 16	5 29.59	+12 40.2	2.090	2.952	11.0	20.3
1 26	5 25.55	+12 55.0	2.181	2.956	13.7	20.5

310863 2003 FM_{9} 12 19.5 300°.50 5°.1/19.8 17

11 17	6 14.46	+ 8 53.8	1.876	2.701	13.9	20.6
11 27	6 9.04	+ 8 51.7	1.795	2.691	10.8	20.4
12 7	6 1.45	+ 9 2.1	1.738	2.681	7.5	20.2
12 17	5 52.40	+ 9 26.2	1.707	2.671	5.2	20.0
12 27	5 42.94	+10 4.1	1.704	2.662	6.0	20.1
1 6	5 34.20	+10 53.8	1.729	2.652	9.1	20.2
1 16	5 27.16	+11 52.7	1.780	2.643	12.5	20.4
1 26	5 22.58	+12 57.8	1.854	2.634	15.6	20.6

489991 2008 SJ_{161} 12 19.5 156°.93 6°.3/19.7 17

11 17	6 21.20	+44 25.8	2.683	3.465	11.4	21.5
11 27	6 13.81	+45 16.3	2.614	3.470	9.3	21.4
12 7	6 4.11	+45 54.1	2.569	3.475	7.4	21.3
12 17	5 52.93	+46 14.6	2.552	3.479	6.4	21.2
12 27	5 41.44	+46 15.3	2.564	3.483	6.7	21.3
1 6	5 30.89	+45 57.2	2.604	3.487	8.2	21.4
1 16	5 22.28	+45 23.8	2.670	3.490	10.2	21.5
1 26	5 16.31	+44 40.3	2.759	3.493	12.1	21.7

408604 2013 OG_{10} 12 19.5 137°.46 6°.4/19.7 18

11 17	6 12.76	+ 1 22.6	2.571	3.357	11.7	21.2
11 27	6 7.15	+ 0 55.3	2.506	3.365	9.6	21.1
12 7	6 0.07	+ 0 41.1	2.465	3.373	7.6	20.9
12 17	5 52.10	+ 0 42.0	2.452	3.380	6.5	20.9
12 27	5 44.01	+ 0 58.8	2.467	3.387	6.9	20.9
1 6	5 36.53	+ 1 30.7	2.510	3.394	8.5	21.0
1 16	5 30.31	+ 2 15.4	2.580	3.401	10.5	21.2
1 26	5 25.85	+ 3 9.8	2.673	3.407	12.5	21.3

256004 2006 UP 12 19.5 35°.48 4°.9/19.5 16

11 17	6 22.13	+26 14.8	0.223	1.168	33.2	21.5
11 27	6 17.17	+27 50.6	0.235	1.197	23.7	21.4
12 7	6 6.21	+29 3.0	0.255	1.231	13.7	21.3
12 17	5 53.10	+29 42.6	0.285	1.268	5.5	21.2
12 27	5 42.20	+29 51.1	0.329	1.307	8.5	21.7
1 6	5 36.14	+29 39.1	0.385	1.348	15.6	22.4
1 16	5 35.62	+29 17.5	0.454	1.391	21.8	23.1
1 26	5 40.32	+28 53.3	0.535	1.434	26.5	23.6

282935 2007 PK_{49} 12 19.5 113°.74 0°.1/19.5 18

11 17	6 19.16	+23 6.0	1.821	2.659	13.7	21.0
11 27	6 12.39	+23 7.7	1.759	2.671	10.0	20.8
12 7	6 3.28	+23 8.7	1.721	2.683	5.7	20.6
12 17	5 52.77	+23 7.7	1.711	2.694	1.1	20.3
12 27	5 42.10	+23 4.4	1.731	2.706	3.4	20.5
1 6	5 32.53	+22 59.5	1.780	2.717	7.8	20.8
1 16	5 25.05	+22 54.4	1.855	2.727	11.6	21.0
1 26	5 20.30	+22 50.8	1.953	2.738	14.8	21.3

358564 2007 TP_{241} 12 19.5 344°.27 1°.2/19.5 18

11 17	6 15.50	+25 14.5	1.404	2.261	15.9	20.8
11 27	6 10.60	+25 34.8	1.332	2.253	11.7	20.5
12 7	6 2.68	+25 54.0	1.282	2.246	6.8	20.2
12 17	5 52.70	+26 9.1	1.257	2.240	1.8	19.9
12 27	5 42.20	+26 18.1	1.259	2.234	4.3	20.0
1 6	5 32.85	+26 21.0	1.286	2.229	9.5	20.3
1 16	5 26.02	+26 19.7	1.338	2.225	14.1	20.6
1 26	5 22.59	+26 17.0	1.410	2.222	18.1	20.8

488256 2016 CR_{48} 12 19.5 155°.66 4°.2/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.16	+36 48.6	2.519	3.333	11.1	21.2
11 27	6 10.75	+37 17.1	2.445	3.334	8.6	21.0
12 7	6 2.30	+37 36.7	2.397	3.336	6.0	20.9
12 17	5 52.58	+37 44.1	2.376	3.337	4.3	20.8
12 27	5 42.62	+37 37.9	2.385	3.339	4.9	20.8
1 6	5 33.49	+37 18.9	2.423	3.340	7.2	21.0
1 16	5 26.09	+36 49.9	2.489	3.341	9.8	21.1
1 26	5 21.04	+36 15.0	2.578	3.342	12.1	21.3

20484 Janetsong 12 19.5 105°.15 0°.5/19.5 18

11 17	6 18.78	+20 45.4	1.739	2.578	14.2	17.9
11 27	6 12.26	+21 7.5	1.675	2.588	10.3	17.6
12 7	6 3.29	+21 32.3	1.635	2.597	5.9	17.4
12 17	5 52.79	+21 57.8	1.623	2.606	1.3	17.1
12 27	5 42.03	+22 22.2	1.641	2.616	3.6	17.3
1 6	5 32.32	+22 44.6	1.687	2.624	8.1	17.6
1 16	5 24.73	+23 5.2	1.759	2.633	12.0	17.9
1 26	5 19.97	+23 25.1	1.853	2.642	15.3	18.1

174253 2002 RN_{189} 12 19.5 105°.13 1°.0/19.4 18

11 17	6 17.70	+21 11.9	1.879	2.717	13.3	21.0
11 27	6 11.24	+20 59.7	1.816	2.728	9.7	20.8
12 7	6 2.59	+20 48.2	1.777	2.739	5.6	20.6
12 17	5 52.63	+20 37.0	1.767	2.749	1.5	20.3
12 27	5 42.54	+20 26.4	1.786	2.760	3.5	20.5
1 6	5 33.48	+20 17.3	1.834	2.770	7.6	20.8
1 16	5 26.38	+20 10.8	1.908	2.780	11.4	21.0
1 26	5 21.86	+20 8.1	2.006	2.790	14.4	21.3

340997 2007 EO_{215} 12 19.5 278°.08 1°.1/19.6 18

11 17	6 19.52	+26 45.9	1.530	2.376	15.4	20.7
11 27	6 13.33	+26 40.2	1.452	2.367	11.4	20.5
12 7	6 4.16	+26 29.7	1.396	2.359	6.7	20.2
12 17	5 53.00	+26 12.3	1.367	2.350	1.8	19.9
12 27	5 41.37	+25 47.5	1.366	2.341	4.1	20.0
1 6	5 30.92	+25 17.6	1.392	2.332	9.2	20.3
1 16	5 22.96	+24 46.2	1.443	2.324	13.8	20.5
1 26	5 18.35	+24 17.3	1.515	2.315	17.6	20.7

48548 1993 TM_{25} 12 19.5 356°.69 3°.2/19.5 18

11 17	6 9.95	+16 59.6	1.113	1.987	17.9	17.7
11 27	6 6.85	+16 51.2	1.050	1.979	13.3	17.4
12 7	6 0.63	+16 51.2	1.008	1.973	8.1	17.1
12 17	5 52.30	+17 0.4	0.988	1.969	3.5	16.8
12 27	5 43.49	+17 18.7	0.993	1.967	5.5	16.9
1 6	5 35.94	+17 45.0	1.020	1.967	10.8	17.2
1 16	5 31.04	+18 17.7	1.070	1.969	15.8	17.5
1 26	5 29.68	+18 54.9	1.137	1.973	20.0	17.8

339010 2004 GE_{60} 12 19.5 173°.11 1°.4/19.5 18

11 17	6 21.40	+26 21.5	2.021	2.850	12.9	22.3
11 27	6 14.03	+26 45.3	1.947	2.854	9.5	22.0
12 7	6 4.28	+27 6.5	1.898	2.857	5.6	21.8
12 17	5 53.00	+27 22.4	1.878	2.859	1.8	21.6
12 27	5 41.40	+27 31.1	1.888	2.861	3.6	21.7
1 6	5 30.75	+27 32.9	1.928	2.862	7.5	22.0
1 16	5 22.11	+27 29.6	1.996	2.862	11.2	22.2
1 26	5 16.19	+27 23.9	2.087	2.861	14.3	22.4

393309 2013 YS_{124} 12 19.5 31°.34 5°.2/19.9 18

11 17	6 21.15	+34 21.0	1.297	2.145	17.6	20.3
11 27	6 14.94	+34 48.8	1.240	2.151	13.4	20.1
12 7	6 5.18	+35 4.0	1.204	2.157	8.9	19.9
12 17	5 53.19	+35 0.9	1.192	2.164	5.5	19.7
12 27	5 40.93	+34 37.4	1.206	2.172	6.6	19.8
1 6	5 30.41	+33 56.9	1.246	2.180	10.6	20.0
1 16	5 23.06	+33 5.9	1.309	2.189	14.9	20.3
1 26	5 19.66	+32 12.1	1.391	2.198	18.6	20.6

320298 2007 RP_{259} 12 19.5 107°.73 1°.7/19.5 18

11 17	6 22.42	+19 13.4	1.383	2.228	16.8	21.5
11 27	6 15.23	+19 13.6	1.328	2.243	12.3	21.3
12 7	6 5.09	+19 17.8	1.296	2.258	7.2	21.1
12 17	5 53.16	+19 24.8	1.290	2.272	2.2	20.8
12 27	5 41.07	+19 34.0	1.312	2.286	4.5	21.0
1 6	5 30.45	+19 45.1	1.361	2.299	9.5	21.3
1 16	5 22.51	+19 58.7	1.435	2.312	14.0	21.6
1 26	5 17.97	+20 15.2	1.529	2.325	17.7	21.9

347583 2001 DZ_{61} 12 19.5 291°.05 4°.1/19.5 18

11 17	6 15.69	+13 24.6	1.668	2.507	14.7	20.0
11 27	6 10.25	+13 9.6	1.585	2.493	11.2	19.8
12 7	6 2.30	+13 3.3	1.525	2.479	7.3	19.5
12 17	5 52.64	+13 6.8	1.491	2.465	4.3	19.3
12 27	5 42.46	+13 20.8	1.485	2.451	5.5	19.4
1 6	5 33.10	+13 44.7	1.506	2.437	9.5	19.5
1 16	5 25.70	+14 17.3	1.552	2.423	13.5	19.8
1 26	5 21.11	+14 56.9	1.620	2.410	17.1	20.0

218124 2002 PS_{120} 12 19.5 13°.03 1°.8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.13	+28 13.0	1.116	1.982	18.5	19.2
11 27	6 12.90	+28 2.9	1.059	1.984	13.6	18.9
12 7	6 4.08	+27 44.9	1.023	1.987	8.1	18.6
12 17	5 52.99	+27 16.9	1.009	1.991	2.5	18.3
12 27	5 41.63	+26 39.4	1.021	1.997	4.9	18.5
1 6	5 32.00	+25 56.3	1.057	2.003	10.6	18.8
1 16	5 25.56	+25 13.1	1.116	2.010	15.7	19.1
1 26	5 23.09	+24 34.6	1.193	2.018	19.9	19.4

464617 2016 CU_{239} 12 19.5 356°.97 2°.8/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.43	+12 41.7	2.073	2.901	12.7	20.4
11 27	6 8.87	+13 15.8	1.996	2.899	9.5	20.2
12 7	6 1.30	+13 59.9	1.945	2.898	6.0	20.0
12 17	5 52.42	+14 52.9	1.921	2.897	3.1	19.8
12 27	5 43.20	+15 52.8	1.928	2.897	4.1	19.9
1 6	5 34.66	+16 56.9	1.964	2.897	7.5	20.1
1 16	5 27.71	+18 2.7	2.028	2.897	10.9	20.3
1 26	5 23.03	+19 8.2	2.115	2.897	13.9	20.5

243598 1998 SS_{99} 12 19.5 63°.85 7°.2/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.28	+ 7 10.5	1.632	2.457	15.6	20.1
11 27	6 10.22	+ 6 5.7	1.585	2.476	12.3	19.9
12 7	6 1.99	+ 5 14.5	1.561	2.494	9.1	19.8
12 17	5 52.53	+ 4 41.1	1.562	2.513	7.3	19.7
12 27	5 43.03	+ 4 27.7	1.590	2.532	8.1	19.8
1 6	5 34.68	+ 4 33.9	1.645	2.551	10.7	20.0
1 16	5 28.35	+ 4 57.5	1.724	2.570	13.7	20.2
1 26	5 24.62	+ 5 34.5	1.823	2.589	16.4	20.4

344946 2004 VM_{38} 12 19.5 30°.73 0°.0/19.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 11.92	+23 23.8	2.347	3.185	11.0	21.3
11 27	6 6.76	+23 25.0	2.287	3.199	7.9	21.1
12 7	5 59.93	+23 25.7	2.252	3.214	4.5	20.9
12 17	5 52.12	+23 25.1	2.246	3.229	0.9	20.6
12 27	5 44.21	+23 23.0	2.270	3.245	2.7	20.8
1 6	5 37.07	+23 19.8	2.323	3.261	6.2	21.1
1 16	5 31.41	+23 16.4	2.404	3.277	9.2	21.3
1 26	5 27.77	+23 13.9	2.508	3.294	11.8	21.5

363355 2002 RR_{127} 12 19.5 133°.56 3°.9/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.84	+ 8 52.7	3.093	3.897	9.5	23.1
11 27	6 6.97	+ 8 18.6	3.030	3.912	7.4	23.0
12 7	5 59.88	+ 7 51.1	2.994	3.928	5.3	22.9
12 17	5 52.11	+ 7 31.6	2.987	3.942	4.0	22.8
12 27	5 44.27	+ 7 21.1	3.012	3.956	4.5	22.9
1 6	5 37.00	+ 7 19.7	3.066	3.970	6.4	23.0
1 16	5 30.82	+ 7 26.9	3.149	3.983	8.4	23.2
1 26	5 26.15	+ 7 41.6	3.256	3.995	10.3	23.3

403143 2008 EU_{141} 12 19.5 290°.19 3°.4/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.47	+32 43.8	1.877	2.710	13.6	21.3
11 27	6 12.28	+32 53.8	1.793	2.698	10.3	21.1
12 7	6 3.45	+32 55.1	1.732	2.686	6.6	20.8
12 17	5 52.88	+32 44.5	1.699	2.674	3.6	20.6
12 27	5 41.89	+32 20.5	1.695	2.662	4.7	20.7
1 6	5 31.90	+31 45.0	1.718	2.651	8.4	20.9
1 16	5 24.09	+31 1.9	1.768	2.639	12.1	21.1
1 26	5 19.25	+30 16.3	1.840	2.628	15.4	21.3

158287 2001 UH_{75} 12 19.5 67°.20 1°.7/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.82	+25 6.9	1.436	2.284	16.1	19.7
11 27	6 14.21	+25 51.1	1.382	2.298	11.8	19.4
12 7	6 4.60	+26 34.5	1.351	2.313	6.9	19.2
12 17	5 53.10	+27 12.5	1.345	2.327	2.1	18.9
12 27	5 41.35	+27 41.7	1.368	2.342	4.4	19.1
1 6	5 31.00	+28 1.5	1.418	2.357	9.2	19.4
1 16	5 23.31	+28 13.7	1.493	2.371	13.5	19.7
1 26	5 19.04	+28 21.4	1.588	2.386	17.0	20.0

517328 2014 JZ_{34} 12 19.5 205°.64 0°.1/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.04	+22 16.2	2.286	3.114	11.6	22.4
11 27	6 11.41	+22 30.4	2.201	3.108	8.5	22.2
12 7	6 2.74	+22 45.2	2.142	3.102	4.9	21.9
12 17	5 52.74	+22 59.1	2.113	3.096	1.0	21.6
12 27	5 42.38	+23 11.1	2.114	3.089	3.0	21.8
1 6	5 32.73	+23 21.0	2.146	3.081	6.8	22.0
1 16	5 24.69	+23 29.4	2.206	3.072	10.3	22.2
1 26	5 18.95	+23 37.4	2.290	3.063	13.2	22.4

212171 2005 GT_{50} 12 19.5 214°.15 1°.8/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.63	+27 37.1	2.025	2.858	12.7	20.8
11 27	6 12.14	+28 1.2	1.945	2.854	9.4	20.5
12 7	6 3.28	+28 22.2	1.891	2.849	5.6	20.3
12 17	5 52.86	+28 37.0	1.864	2.844	2.1	20.1
12 27	5 42.05	+28 44.1	1.867	2.839	3.7	20.2
1 6	5 32.11	+28 43.4	1.900	2.834	7.6	20.4
1 16	5 24.09	+28 37.0	1.959	2.828	11.2	20.6
1 26	5 18.74	+28 27.7	2.041	2.822	14.4	20.8

333057 2011 SO_{234} 12 19.5 357°.21 9°.6/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.32	+ 3 42.9	1.454	2.281	17.1	20.3
11 27	6 8.55	+ 2 25.6	1.392	2.278	14.0	20.1
12 7	6 1.29	+ 1 25.5	1.352	2.276	11.2	19.9
12 17	5 52.45	+ 0 48.7	1.336	2.275	9.6	19.8
12 27	5 43.31	+ 0 39.1	1.344	2.275	10.4	19.9
1 6	5 35.20	+ 0 56.7	1.376	2.275	12.9	20.0
1 16	5 29.18	+ 1 38.1	1.430	2.276	16.0	20.2
1 26	5 26.01	+ 2 37.6	1.503	2.278	18.9	20.4

274717 2008 UD_{140} 12 19.5 101°.66 1°.2/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.12	+19 49.4	2.521	3.350	10.6	21.0
11 27	6 8.20	+19 37.3	2.457	3.365	7.7	20.8
12 7	6 0.71	+19 26.4	2.420	3.379	4.5	20.7
12 17	5 52.30	+19 16.9	2.412	3.393	1.5	20.5
12 27	5 43.81	+19 9.0	2.435	3.407	2.9	20.6
1 6	5 36.06	+19 3.2	2.488	3.421	6.1	20.8
1 16	5 29.71	+19 0.1	2.569	3.434	9.0	21.0
1 26	5 25.28	+19 0.1	2.674	3.447	11.5	21.2

436117 2009 TT_{11} 12 19.5 136°.16 3°.1/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.99	+15 30.9	1.764	2.595	14.4	21.9
11 27	6 12.98	+15 14.2	1.702	2.607	10.7	21.7
12 7	6 3.65	+15 3.3	1.664	2.619	6.6	21.5
12 17	5 52.92	+14 58.9	1.653	2.630	3.3	21.3
12 27	5 42.02	+15 1.4	1.672	2.640	4.7	21.4
1 6	5 32.21	+15 10.6	1.720	2.649	8.6	21.7
1 16	5 24.46	+15 26.1	1.793	2.658	12.3	21.9
1 26	5 19.43	+15 47.3	1.889	2.667	15.5	22.2

140076 2001 SR_{118} 12 19.5 246°.77 1°.2/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.20	+20 48.3	1.956	2.795	12.9	20.4
11 27	6 10.26	+20 33.0	1.878	2.790	9.4	20.2
12 7	6 2.14	+20 18.4	1.825	2.786	5.5	20.0
12 17	5 52.63	+20 4.4	1.799	2.782	1.6	19.7
12 27	5 42.82	+19 51.5	1.804	2.777	3.6	19.8
1 6	5 33.87	+19 40.6	1.836	2.773	7.6	20.1
1 16	5 26.74	+19 32.9	1.896	2.768	11.4	20.3
1 26	5 22.10	+19 29.3	1.978	2.763	14.6	20.5

275955 2001 VY_{68} 12 19.5 52°.19 1°.4/19.5 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.53	+26 7.8	1.288	2.143	17.2	19.6
11 27	6 14.06	+26 20.3	1.242	2.162	12.5	19.4
12 7	6 4.48	+26 29.2	1.218	2.181	7.3	19.2
12 17	5 53.08	+26 31.4	1.219	2.201	2.0	18.9
12 27	5 41.64	+26 26.1	1.247	2.222	4.4	19.1
1 6	5 31.86	+26 14.8	1.300	2.242	9.5	19.5
1 16	5 24.98	+26 0.7	1.378	2.263	14.0	19.8
1 26	5 21.63	+25 47.2	1.476	2.284	17.6	20.1

418735 2008 UC_{130} 12 19.5 67°.13 0°.6/19.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.85	+25 23.3	2.247	3.082	11.5	22.0
11 27	6 9.01	+25 27.2	2.179	3.090	8.4	21.8
12 7	6 1.29	+25 29.0	2.138	3.099	4.8	21.6
12 17	5 52.44	+25 27.5	2.124	3.107	1.2	21.4
12 27	5 43.43	+25 22.2	2.141	3.116	2.9	21.5
1 6	5 35.25	+25 13.8	2.188	3.124	6.6	21.8
1 16	5 28.71	+25 3.9	2.261	3.133	9.8	22.0
1 26	5 24.39	+24 54.0	2.359	3.142	12.6	22.2

414310 2008 RM_{85} 12 19.5 64°.92 4°.5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.16	+10 49.2	2.114	2.938	12.6	20.7
11 27	6 8.33	+10 12.8	2.064	2.960	9.6	20.6
12 7	6 0.81	+ 9 44.8	2.039	2.982	6.6	20.4
12 17	5 52.33	+ 9 27.1	2.041	3.004	4.6	20.3
12 27	5 43.83	+ 9 20.7	2.072	3.027	5.4	20.4
1 6	5 36.21	+ 9 25.4	2.132	3.049	8.0	20.6
1 16	5 30.18	+ 9 40.3	2.218	3.071	10.8	20.8
1 26	5 26.24	+10 3.4	2.327	3.093	13.2	21.1

284965 2010 FX_{14} 12 19.5 134°.44 0°.9/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.55	+23 41.4	1.939	2.771	13.2	20.2
11 27	6 13.47	+24 26.3	1.872	2.781	9.6	20.0
12 7	6 4.00	+25 11.9	1.831	2.791	5.6	19.8
12 17	5 53.01	+25 54.5	1.818	2.800	1.4	19.5
12 27	5 41.70	+26 31.5	1.836	2.809	3.5	19.7
1 6	5 31.35	+27 1.6	1.883	2.818	7.6	20.0
1 16	5 23.01	+27 25.3	1.958	2.826	11.3	20.2
1 26	5 17.40	+27 44.6	2.056	2.833	14.4	20.4

9801 1997 FX_{3} 12 19.5 81°.89 0°.8/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.00	+21 20.7	1.882	2.714	13.6	18.1
11 27	6 13.38	+21 13.9	1.839	2.748	9.8	18.0
12 7	6 3.69	+21 7.7	1.821	2.782	5.6	17.8
12 17	5 52.90	+21 1.2	1.832	2.815	1.4	17.6
12 27	5 42.23	+20 54.7	1.874	2.847	3.4	17.8
1 6	5 32.80	+20 48.9	1.944	2.879	7.4	18.1
1 16	5 25.45	+20 44.9	2.042	2.910	10.9	18.4
1 26	5 20.70	+20 43.8	2.163	2.941	13.7	18.6

286671 2002 EU_{129} 12 19.5 263°.42 2°.7/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.07	+30 41.1	2.149	2.980	12.2	20.9
11 27	6 10.95	+31 2.6	2.068	2.973	9.1	20.7
12 7	6 2.59	+31 18.6	2.011	2.966	5.7	20.4
12 17	5 52.74	+31 26.1	1.982	2.959	2.9	20.2
12 27	5 42.54	+31 23.6	1.983	2.951	4.0	20.3
1 6	5 33.16	+31 11.8	2.012	2.944	7.4	20.5
1 16	5 25.61	+30 53.0	2.069	2.937	10.8	20.7
1 26	5 20.62	+30 30.6	2.149	2.929	13.7	20.9

447652 2006 VT_{92} 12 19.5 66°.25 0°.3/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.07	+21 42.3	1.794	2.635	13.7	21.1
11 27	6 10.97	+21 59.6	1.732	2.646	10.0	20.9
12 7	6 2.56	+22 18.5	1.695	2.658	5.7	20.6
12 17	5 52.72	+22 37.1	1.686	2.669	1.2	20.3
12 27	5 42.68	+22 54.1	1.705	2.680	3.4	20.5
1 6	5 33.66	+23 9.1	1.753	2.692	7.7	20.8
1 16	5 26.66	+23 22.7	1.828	2.703	11.6	21.1
1 26	5 22.35	+23 35.8	1.924	2.715	14.7	21.3

142601 2002 TF_{117} 12 19.5 163°.26 5°.5/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.95	+39 50.6	2.214	3.017	12.8	20.3
11 27	6 15.24	+40 19.6	2.143	3.022	10.1	20.1
12 7	6 5.01	+40 36.0	2.096	3.026	7.4	19.9
12 17	5 53.22	+40 35.2	2.077	3.030	5.6	19.8
12 27	5 41.20	+40 15.4	2.087	3.033	6.1	19.9
1 6	5 30.32	+39 38.6	2.126	3.036	8.4	20.0
1 16	5 21.67	+38 49.3	2.191	3.038	11.1	20.2
1 26	5 15.94	+37 53.4	2.280	3.040	13.7	20.4

70048 1999 FV_{39} 12 19.5 14°.27 6°.1/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.16	+38 16.2	1.694	2.525	14.9	17.6
11 27	6 11.56	+38 52.0	1.634	2.531	11.6	17.4
12 7	6 3.09	+39 14.3	1.597	2.537	8.4	17.2
12 17	5 52.84	+39 18.3	1.585	2.544	6.2	17.1
12 27	5 42.35	+39 1.9	1.599	2.553	6.8	17.2
1 6	5 33.19	+38 27.3	1.640	2.562	9.6	17.3
1 16	5 26.55	+37 39.7	1.706	2.572	12.8	17.6
1 26	5 23.16	+36 45.6	1.792	2.583	15.7	17.8

514790 2007 JK_{30} 12 19.5 242°.33 1°.8/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.51	+27 36.5	1.858	2.692	13.6	22.7
11 27	6 13.80	+27 55.5	1.770	2.679	10.1	22.4
12 7	6 4.40	+28 11.0	1.706	2.665	6.1	22.2
12 17	5 53.14	+28 19.8	1.670	2.651	2.2	21.9
12 27	5 41.33	+28 20.0	1.663	2.636	4.0	22.0
1 6	5 30.40	+28 12.0	1.686	2.621	8.3	22.2
1 16	5 21.58	+27 58.2	1.734	2.605	12.4	22.4
1 26	5 15.75	+27 42.1	1.805	2.588	15.9	22.6

178273 1400 $T\text{-}_2$ 12 19.5 59°.09 3°.6/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.19	+32 24.8	1.772	2.607	14.2	19.8
11 27	6 12.70	+32 47.3	1.712	2.618	10.6	19.6
12 7	6 3.61	+33 1.3	1.676	2.629	6.8	19.4
12 17	5 52.94	+33 3.4	1.667	2.641	3.8	19.3
12 27	5 42.10	+32 52.0	1.686	2.653	4.9	19.4
1 6	5 32.50	+32 29.0	1.733	2.665	8.4	19.6
1 16	5 25.23	+31 58.3	1.806	2.677	11.9	19.8
1 26	5 20.97	+31 24.4	1.901	2.689	15.0	20.1

94450 2001 TG_{103} 12 19.5 118°.67 2°.7/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.76	+18 24.9	1.448	2.289	16.4	20.5
11 27	6 15.32	+17 53.9	1.392	2.304	12.1	20.3
12 7	6 5.10	+17 26.1	1.360	2.319	7.2	20.0
12 17	5 53.24	+17 2.5	1.354	2.333	3.0	19.8
12 27	5 41.28	+16 44.4	1.376	2.347	5.0	20.0
1 6	5 30.77	+16 33.1	1.425	2.360	9.6	20.3
1 16	5 22.83	+16 29.5	1.500	2.372	13.9	20.5
1 26	5 18.15	+16 33.7	1.596	2.384	17.4	20.8

143933 2003 YC_{104} 12 19.5 23°.27 1°.0/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.23	+21 29.0	0.952	1.829	19.9	19.3
11 27	6 11.66	+21 28.1	0.908	1.839	14.5	19.0
12 7	6 3.42	+21 30.1	0.882	1.850	8.4	18.7
12 17	5 52.93	+21 33.6	0.879	1.862	1.9	18.4
12 27	5 42.25	+21 37.6	0.900	1.877	5.1	18.7
1 6	5 33.42	+21 42.7	0.943	1.892	11.1	19.0
1 16	5 27.87	+21 49.9	1.008	1.908	16.4	19.4
1 26	5 26.35	+22 0.1	1.091	1.926	20.7	19.7

329000 2010 XM_{37} 12 19.5 108°.32 0°.6/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.99	+24 31.7	2.166	3.000	11.9	20.9
11 27	6 9.97	+24 49.7	2.094	3.005	8.7	20.7
12 7	6 1.93	+25 6.7	2.049	3.010	5.0	20.5
12 17	5 52.62	+25 21.1	2.031	3.014	1.2	20.2
12 27	5 43.06	+25 31.4	2.044	3.019	3.1	20.4
1 6	5 34.32	+25 37.9	2.087	3.023	6.8	20.6
1 16	5 27.28	+25 41.4	2.156	3.027	10.3	20.8
1 26	5 22.58	+25 43.7	2.249	3.032	13.1	21.0

131464 2001 QK_{289} 12 19.5 111°.86 5°.9/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.29	+ 2 7.5	2.527	3.316	11.8	19.6
11 27	6 7.63	+ 2 8.2	2.458	3.322	9.6	19.5
12 7	6 0.44	+ 2 22.7	2.412	3.328	7.4	19.4
12 17	5 52.31	+ 2 52.1	2.395	3.334	6.0	19.3
12 27	5 44.00	+ 3 36.2	2.407	3.339	6.3	19.3
1 6	5 36.31	+ 4 33.3	2.447	3.345	8.1	19.4
1 16	5 29.89	+ 5 40.4	2.516	3.350	10.3	19.6
1 26	5 25.27	+ 6 54.2	2.608	3.356	12.4	19.8

415204 2012 HZ_{14} 12 19.5 160°.61 1°.6/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.69	+26 59.3	2.423	3.251	11.0	21.3
11 27	6 10.39	+27 34.7	2.348	3.254	8.1	21.1
12 7	6 2.16	+28 8.0	2.299	3.257	4.8	20.9
12 17	5 52.68	+28 36.7	2.279	3.259	1.8	20.7
12 27	5 42.92	+28 59.0	2.290	3.262	3.2	20.8
1 6	5 33.86	+29 14.3	2.332	3.264	6.5	21.0
1 16	5 26.38	+29 23.6	2.401	3.266	9.6	21.2
1 26	5 21.10	+29 28.8	2.495	3.267	12.3	21.4

400120 2006 UZ_{51} 12 19.5 125°.97 0°.2/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.00	+24 7.0	2.152	2.984	12.1	22.2
11 27	6 11.32	+24 6.9	2.087	2.996	8.8	22.0
12 7	6 2.64	+24 5.3	2.047	3.008	5.0	21.8
12 17	5 52.76	+24 1.0	2.037	3.020	1.0	21.5
12 27	5 42.76	+23 53.8	2.056	3.031	3.0	21.7
1 6	5 33.68	+23 44.4	2.105	3.041	6.8	21.9
1 16	5 26.37	+23 34.5	2.182	3.052	10.2	22.2
1 26	5 21.44	+23 25.6	2.283	3.061	13.1	22.4

39421 2128 $T\text{-}_2$ 12 19.5 133°.60 5°.6/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.87	+35 21.6	1.566	2.394	16.1	18.8
11 27	6 18.10	+36 11.7	1.505	2.403	12.3	18.6
12 7	6 6.96	+36 50.4	1.467	2.412	8.4	18.4
12 17	5 53.68	+37 11.0	1.455	2.421	5.7	18.3
12 27	5 40.06	+37 10.0	1.471	2.429	6.7	18.4
1 6	5 27.98	+36 49.2	1.514	2.437	10.1	18.6
1 16	5 18.86	+36 14.2	1.581	2.444	13.8	18.8
1 26	5 13.50	+35 32.3	1.670	2.450	17.1	19.1

177903 2005 RD_{41} 12 19.5 206°.30 3°.0/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.26	+14 26.3	2.182	3.009	12.1	20.7
11 27	6 9.38	+14 15.0	2.104	3.006	9.1	20.5
12 7	6 1.59	+14 9.4	2.050	3.003	5.8	20.3
12 17	5 52.59	+14 10.4	2.025	3.000	3.2	20.1
12 27	5 43.32	+14 18.0	2.030	2.996	4.3	20.2
1 6	5 34.75	+14 32.0	2.064	2.992	7.5	20.4
1 16	5 27.73	+14 52.0	2.125	2.988	10.8	20.6
1 26	5 22.89	+15 17.1	2.210	2.983	13.6	20.8

481959 2009 DM_{117} 12 19.5 316°.06 3°.6/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.72	+15 25.0	1.496	2.345	15.5	20.9
11 27	6 9.90	+15 9.1	1.411	2.326	11.7	20.6
12 7	6 2.32	+15 0.6	1.349	2.308	7.4	20.3
12 17	5 52.80	+15 0.5	1.312	2.290	3.8	20.0
12 27	5 42.65	+15 9.7	1.302	2.272	5.4	20.1
1 6	5 33.37	+15 27.9	1.318	2.255	9.9	20.3
1 16	5 26.23	+15 54.3	1.359	2.239	14.5	20.5
1 26	5 22.18	+16 27.7	1.419	2.223	18.4	20.7

271291 2003 UA_{270} 12 19.5 343°.82 0°.5/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.60	+25 32.0	1.955	2.797	12.7	20.7
11 27	6 9.20	+25 23.8	1.878	2.792	9.3	20.5
12 7	6 1.60	+25 12.5	1.826	2.788	5.4	20.3
12 17	5 52.61	+24 57.4	1.801	2.784	1.2	20.0
12 27	5 43.35	+24 38.5	1.805	2.780	3.3	20.1
1 6	5 34.97	+24 17.2	1.838	2.777	7.4	20.4
1 16	5 28.43	+23 55.5	1.897	2.774	11.1	20.6
1 26	5 24.41	+23 35.7	1.979	2.772	14.3	20.8

124907 2001 TV_{59} 12 19.5 79°.67 0°.2/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.45	+23 13.4	1.502	2.346	15.8	19.7
11 27	6 14.40	+23 29.6	1.452	2.367	11.4	19.5
12 7	6 4.61	+23 45.6	1.426	2.388	6.5	19.3
12 17	5 53.21	+23 58.9	1.426	2.409	1.3	19.0
12 27	5 41.73	+24 8.2	1.454	2.430	3.9	19.2
1 6	5 31.68	+24 13.6	1.511	2.450	8.7	19.5
1 16	5 24.17	+24 17.0	1.593	2.470	12.9	19.8
1 26	5 19.85	+24 20.2	1.696	2.490	16.3	20.1

299588 2006 GJ_{25} 12 19.5 146°.01 0°.8/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.56	+20 56.8	2.181	3.010	12.1	22.4
11 27	6 11.70	+20 53.5	2.113	3.021	8.8	22.2
12 7	6 2.87	+20 51.0	2.071	3.031	5.1	22.0
12 17	5 52.86	+20 48.6	2.058	3.040	1.3	21.8
12 27	5 42.68	+20 46.2	2.075	3.049	3.1	21.9
1 6	5 33.38	+20 44.3	2.123	3.057	6.9	22.2
1 16	5 25.81	+20 43.6	2.198	3.064	10.3	22.4
1 26	5 20.57	+20 45.1	2.297	3.071	13.2	22.6

184326 2005 GA_{73} 12 19.5 314.°75 6.°7/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.93	+10 6.2	1.226	2.076	18.2	20.0
11 27	6 11.16	+ 9 37.1	1.151	2.061	14.2	19.7
12 7	6 3.21	+ 9 22.6	1.097	2.047	9.9	19.4
12 17	5 53.01	+ 9 26.6	1.065	2.034	6.9	19.2
12 27	5 42.10	+ 9 50.7	1.059	2.021	8.1	19.2
1 6	5 32.25	+10 33.6	1.076	2.008	12.3	19.4
1 16	5 24.94	+11 31.8	1.116	1.996	16.9	19.6
1 26	5 21.18	+12 40.6	1.174	1.985	21.1	19.9

152642 1997 RV_{9} 12 19.5 97.°14 4.°8/19.7 18

11 17	6 23.12	+34 1.6	1.605	2.438	15.5	19.4
11 27	6 15.93	+34 43.8	1.547	2.449	11.8	19.2
12 7	6 5.65	+35 15.9	1.511	2.460	7.8	19.0
12 17	5 53.45	+35 32.4	1.501	2.471	5.0	18.9
12 27	5 40.99	+35 30.5	1.520	2.482	6.0	19.0
1 6	5 29.96	+35 11.8	1.565	2.492	9.5	19.2
1 16	5 21.67	+34 41.3	1.636	2.503	13.2	19.4
1 26	5 16.88	+34 5.0	1.728	2.513	16.4	19.7

301269 2009 BT_{83} 12 19.5 18.°83 0.°3/19.5 16

11 17	6 17.38	+24 12.9	1.497	2.348	15.4	21.4
11 27	6 11.69	+24 14.4	1.432	2.350	11.3	21.1
12 7	6 3.21	+24 14.5	1.390	2.353	6.5	20.9
12 17	5 52.96	+24 11.6	1.374	2.357	1.4	20.5
12 27	5 42.41	+24 5.0	1.385	2.360	3.9	20.7
1 6	5 33.08	+23 55.8	1.423	2.365	8.9	21.0
1 16	5 26.15	+23 46.1	1.486	2.369	13.3	21.3
1 26	5 22.39	+23 38.1	1.570	2.374	16.9	21.6

194463 2001 WL_{7} 12 19.5 307.°11 2.°2/19.4 18

11 17	6 16.91	+19 14.4	1.460	2.311	15.7	19.9
11 27	6 11.50	+18 53.4	1.382	2.300	11.7	19.6
12 7	6 3.21	+18 35.1	1.327	2.288	7.0	19.3
12 17	5 52.99	+18 20.0	1.297	2.278	2.6	19.0
12 27	5 42.25	+18 8.8	1.294	2.267	4.7	19.1
1 6	5 32.56	+18 2.8	1.318	2.257	9.7	19.4
1 16	5 25.20	+18 2.9	1.366	2.247	14.3	19.6
1 26	5 21.05	+18 9.6	1.434	2.237	18.3	19.9

271272 2003 UD_{192} 12 19.5 36.°15 2.°9/19.2 17

11 17	6 13.93	+16 43.7	2.024	2.861	12.6	19.9
11 27	6 8.43	+16 6.9	1.958	2.866	9.3	19.7
12 7	6 1.04	+15 33.6	1.916	2.873	5.8	19.5
12 17	5 52.50	+15 5.2	1.903	2.879	3.0	19.3
12 27	5 43.82	+14 43.1	1.918	2.886	4.3	19.4
1 6	5 35.99	+14 28.6	1.963	2.893	7.7	19.6
1 16	5 29.83	+14 21.9	2.033	2.900	11.0	19.8
1 26	5 25.92	+14 22.8	2.127	2.907	13.9	20.0

481010 2004 RU_{149} 12 19.5 46.°36 0.°2/19.5 16

11 17	6 21.07	+23 59.3	1.194	2.052	18.0	21.1
11 27	6 14.38	+24 0.3	1.159	2.081	13.0	20.9
12 7	6 4.62	+23 59.8	1.146	2.111	7.4	20.7
12 17	5 53.20	+23 56.0	1.158	2.141	1.5	20.4
12 27	5 41.96	+23 48.6	1.196	2.172	4.3	20.7
1 6	5 32.57	+23 39.1	1.260	2.203	9.6	21.0
1 16	5 26.15	+23 30.1	1.347	2.234	14.1	21.4
1 26	5 23.27	+23 23.6	1.455	2.266	17.7	21.7

489802 2008 CS_{181} 12 19.5 147.°57 21.°7/24.5 17

11 17	6 24.49	−18 48.0	1.045	1.787	27.7	21.6
11 27	6 17.48	−20 5.0	1.002	1.793	25.5	21.4
12 7	6 6.79	−20 31.5	0.972	1.798	23.4	21.3
12 17	5 53.73	−19 55.4	0.956	1.802	22.0	21.2
12 27	5 40.29	−18 12.0	0.957	1.807	21.7	21.2
1 6	5 28.54	−15 28.6	0.977	1.810	22.6	21.3
1 16	5 20.04	−12 1.0	1.014	1.813	24.4	21.5
1 26	5 15.66	− 8 8.9	1.068	1.815	26.6	21.6

14908 1993 OQ_{4} 12 19.5 214.°22 1.°2/19.5 18

11 17	6 19.30	+19 58.5	1.923	2.756	13.3	19.7
11 27	6 12.66	+19 56.3	1.840	2.749	9.8	19.5
12 7	6 3.65	+19 56.2	1.782	2.742	5.7	19.2
12 17	5 53.07	+19 57.4	1.752	2.734	1.7	18.9
12 27	5 42.10	+19 59.7	1.752	2.725	3.7	19.0
1 6	5 31.95	+20 3.1	1.781	2.716	7.9	19.3
1 16	5 23.71	+20 8.4	1.837	2.706	11.9	19.5
1 26	5 18.12	+20 16.4	1.916	2.696	15.2	19.7

341677 2007 VE_{92} 12 19.5 64.°43 6.°0/17.9 17

11 17	6 28.76	+21 33.8	0.901	1.765	22.0	19.4
11 27	6 20.47	+18 39.8	0.855	1.778	16.2	19.1
12 7	6 8.25	+15 38.2	0.831	1.792	10.1	18.8
12 17	5 53.94	+12 42.2	0.831	1.807	6.1	18.7
12 27	5 39.98	+10 8.1	0.858	1.821	9.0	18.9
1 6	5 28.54	+ 8 7.7	0.908	1.836	14.5	19.2
1 16	5 20.94	+ 6 45.1	0.980	1.851	19.5	19.6
1 26	5 17.71	+ 5 57.2	1.068	1.866	23.6	19.9

420075 2011 EV_{31} 12 19.5 302.°67 0.°5/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.84	+20 28.9	2.117	2.954	12.1	20.7
11 27	6 9.30	+20 53.6	2.034	2.945	8.9	20.5
12 7	6 1.69	+21 21.5	1.976	2.937	5.1	20.2
12 17	5 52.68	+21 50.8	1.946	2.929	1.2	19.9
12 27	5 43.27	+22 20.1	1.946	2.920	3.1	20.1
1 6	5 34.54	+22 48.2	1.975	2.912	7.1	20.3
1 16	5 27.42	+23 14.9	2.031	2.904	10.7	20.5
1 26	5 22.64	+23 40.5	2.111	2.897	13.8	20.7

196093 2002 TW_{113} 12 19.5 160.°65 0.°3/19.6 18

11 17	6 14.87	+25 28.3	2.992	3.815	9.3	20.7
11 27	6 8.66	+25 17.7	2.916	3.821	6.8	20.5
12 7	6 1.01	+25 4.7	2.868	3.827	3.9	20.4
12 17	5 52.51	+24 48.6	2.849	3.832	0.9	20.1
12 27	5 43.89	+24 29.8	2.862	3.836	2.3	20.3
1 6	5 35.91	+24 9.2	2.907	3.841	5.3	20.5
1 16	5 29.18	+23 48.2	2.981	3.844	8.0	20.7
1 26	5 24.19	+23 28.2	3.080	3.848	10.3	20.8

21408 Lyrahaas 12 19.5 189.°07 4.°4/19.6 18

11 17	6 24.10	+33 28.2	1.693	2.522	15.0	18.2
11 27	6 16.69	+34 5.6	1.620	2.521	11.4	18.0
12 7	6 6.18	+34 34.1	1.571	2.520	7.5	17.7
12 17	5 53.61	+34 48.1	1.548	2.519	4.6	17.6
12 27	5 40.59	+34 44.7	1.554	2.517	5.7	17.6
1 6	5 28.82	+34 25.0	1.587	2.515	9.4	17.8
1 16	5 19.67	+33 53.6	1.647	2.512	13.2	18.1
1 26	5 13.99	+33 16.7	1.727	2.508	16.6	18.3

192614 1999 GY_{54} 12 19.5 341.°36 5.°7/19.6 18

11 17	6 17.36	+38 10.5	2.003	2.824	13.3	20.0
11 27	6 11.58	+38 56.3	1.927	2.818	10.5	19.8
12 7	6 3.17	+39 31.3	1.875	2.812	7.6	19.7
12 17	5 53.00	+39 50.6	1.849	2.806	5.8	19.5
12 27	5 42.39	+39 51.3	1.851	2.801	6.5	19.6
1 6	5 32.77	+39 34.1	1.881	2.796	9.0	19.7
1 16	5 25.32	+39 2.6	1.936	2.792	12.0	19.9
1 26	5 20.83	+38 22.4	2.012	2.788	14.7	20.1

129834 1999 RV_{13} 12 19.5 148.°15 0.°6/19.5 18

11 17	6 18.78	+21 24.0	1.940	2.774	13.1	20.3
11 27	6 12.15	+21 30.3	1.870	2.781	9.6	20.1
12 7	6 3.27	+21 37.7	1.826	2.787	5.5	19.9
12 17	5 53.00	+21 44.9	1.810	2.793	1.3	19.6
12 27	5 42.48	+21 51.4	1.824	2.798	3.4	19.8
1 6	5 32.91	+21 57.1	1.867	2.803	7.5	20.0
1 16	5 25.26	+22 2.7	1.937	2.808	11.3	20.3
1 26	5 20.20	+22 9.6	2.030	2.812	14.4	20.5

37193 2000 WF_{73} 12 19.5 153.°31 0.°7/19.6 18

11 17	6 16.71	+26 1.5	2.149	2.983	12.0	19.7
11 27	6 10.52	+25 57.2	2.075	2.985	8.8	19.5
12 7	6 2.29	+25 49.7	2.027	2.987	5.1	19.2
12 17	5 52.80	+25 37.9	2.006	2.989	1.3	19.0
12 27	5 43.09	+25 21.8	2.016	2.991	3.1	19.1
1 6	5 34.26	+25 2.4	2.056	2.992	6.9	19.4
1 16	5 27.18	+24 41.9	2.122	2.994	10.4	19.6
1 26	5 22.48	+24 22.4	2.212	2.995	13.3	19.8

439565 2014 DR_{80} 12 19.5 192.°21 1.°4/19.4 18

11 17	6 18.99	+20 43.4	1.808	2.645	13.8	21.7
11 27	6 12.45	+20 20.7	1.733	2.644	10.1	21.5
12 7	6 3.51	+19 58.4	1.682	2.643	5.9	21.2
12 17	5 53.06	+19 36.6	1.660	2.641	1.8	20.9
12 27	5 42.33	+19 16.2	1.666	2.640	3.9	21.1
1 6	5 32.59	+18 58.6	1.702	2.637	8.2	21.3
1 16	5 24.87	+18 45.4	1.763	2.635	12.2	21.6
1 26	5 19.90	+18 37.7	1.847	2.632	15.5	21.8

102819 1999 VJ_{181} 12 19.5 3.°96 0.°7/19.5 18

11 17	6 17.07	+24 43.9	1.488	2.340	15.5	20.0
11 27	6 11.56	+24 52.8	1.420	2.339	11.3	19.7
12 7	6 3.21	+25 0.2	1.376	2.339	6.6	19.4
12 17	5 53.02	+25 4.0	1.357	2.340	1.5	19.1
12 27	5 42.47	+25 3.0	1.366	2.341	4.0	19.3
1 6	5 33.09	+24 57.9	1.401	2.343	8.9	19.6
1 16	5 26.14	+24 50.8	1.461	2.345	13.4	19.8
1 26	5 22.40	+24 44.3	1.542	2.347	17.1	20.1

57615 2001 TJ_{133} 12 19.5 61.°29 1.°9/19.7 18

11 17	6 19.46	+17 26.4	1.389	2.237	16.6	19.1
11 27	6 13.16	+17 48.3	1.337	2.252	12.2	18.8
12 7	6 4.04	+18 17.5	1.307	2.268	7.2	18.6
12 17	5 53.17	+18 51.9	1.302	2.284	2.4	18.3
12 27	5 42.10	+19 29.2	1.325	2.299	4.4	18.5
1 6	5 32.37	+20 7.4	1.375	2.315	9.3	18.8
1 16	5 25.17	+20 45.4	1.450	2.332	13.6	19.1
1 26	5 21.22	+21 23.0	1.546	2.348	17.3	19.4

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
246517 2008 DZ_2		12 19.5 241°.58		1°.4/19.5 18		
	h m	° ′			°	m
11 17	6 16.21	+19 14.9	1.990	2.826	12.8	20.9
11 27	6 10.33	+19 17.2	1.910	2.821	9.4	20.7
12 7	6 2.28	+19 22.5	1.856	2.816	5.5	20.4
12 17	5 52.82	+19 30.2	1.829	2.811	1.7	20.2
12 27	5 43.02	+19 39.8	1.832	2.806	3.5	20.3
1 6	5 34.00	+19 51.0	1.864	2.800	7.5	20.5
1 16	5 26.73	+20 4.2	1.923	2.795	11.3	20.7
1 26	5 21.92	+20 19.5	2.005	2.790	14.4	21.0
167772 2005 AM_2		12 19.5 248°.80		2°.9/19.5 18		
11 17	6 19.87	+29 55.8	1.910	2.742	13.4	20.5
11 27	6 13.39	+30 32.5	1.825	2.731	10.0	20.2
12 7	6 4.24	+31 5.0	1.765	2.720	6.3	20.0
12 17	5 53.25	+31 28.9	1.732	2.709	3.2	19.8
12 27	5 41.71	+31 41.4	1.728	2.697	4.5	19.8
1 6	5 31.04	+31 42.4	1.754	2.685	8.3	20.0
1 16	5 22.46	+31 34.1	1.805	2.673	12.1	20.2
1 26	5 16.82	+31 20.5	1.879	2.660	15.4	20.4
221529 2006 TS_{10}		12 19.5 67°.07		0°.3/19.5 18		
11 17	6 20.39	+22 15.8	1.371	2.222	16.6	20.1
11 27	6 14.13	+22 46.7	1.310	2.228	12.1	19.9
12 7	6 4.75	+23 20.2	1.271	2.234	7.0	19.6
12 17	5 53.35	+23 52.7	1.257	2.241	1.4	19.2
12 27	5 41.55	+24 21.2	1.271	2.247	4.2	19.5
1 6	5 31.08	+24 44.8	1.312	2.253	9.5	19.8
1 16	5 23.29	+25 4.1	1.377	2.260	14.1	20.1
1 26	5 19.00	+25 21.2	1.463	2.266	18.0	20.3
102541 1999 UN_{12}		12 19.5 2°.97		1°.3/19.6 18		
11 17	6 13.64	+26 54.0	1.111	1.983	18.0	18.2
11 27	6 9.72	+26 44.5	1.053	1.981	13.3	17.9
12 7	6 2.40	+26 29.1	1.014	1.981	7.8	17.6
12 17	5 52.88	+26 6.4	0.999	1.982	2.1	17.2
12 27	5 43.02	+25 36.8	1.008	1.985	4.7	17.4
1 6	5 34.70	+25 3.4	1.042	1.990	10.4	17.7
1 16	5 29.35	+24 30.4	1.097	1.996	15.5	18.1
1 26	5 27.75	+24 1.6	1.171	2.004	19.7	18.3
309942 2009 FM_{73}		12 19.5 201°.12		1°.1/19.5 18		
11 17	6 17.93	+25 38.0	1.990	2.825	12.8	21.3
11 27	6 11.66	+25 57.6	1.913	2.824	9.4	21.1
12 7	6 3.08	+26 15.6	1.862	2.822	5.5	20.8
12 17	5 53.01	+26 29.4	1.838	2.821	1.5	20.6
12 27	5 42.58	+26 37.6	1.845	2.819	3.4	20.7
1 6	5 33.03	+26 40.4	1.880	2.816	7.5	21.0
1 16	5 25.37	+26 39.2	1.942	2.814	11.2	21.2
1 26	5 20.34	+26 36.2	2.027	2.812	14.3	21.4
269380 2009 PM_{10}		12 19.5 44°.00		0°.2/19.5 18		
11 17	6 20.15	+23 40.3	1.112	1.976	18.7	20.1
11 27	6 14.11	+23 43.3	1.070	1.994	13.6	19.8
12 7	6 4.69	+23 45.6	1.048	2.014	7.8	19.6
12 17	5 53.31	+23 45.0	1.050	2.033	1.6	19.3
12 27	5 41.90	+23 40.7	1.078	2.054	4.6	19.5
1 6	5 32.32	+23 34.2	1.130	2.075	10.2	19.9
1 16	5 25.86	+23 27.9	1.206	2.097	15.0	20.2
1 26	5 23.18	+23 24.1	1.300	2.119	19.0	20.6
147477 2004 CV_{26}		12 19.5 210°.50		1°.3/19.6 18		
11 17	6 21.23	+26 49.4	1.658	2.497	14.8	20.7
11 27	6 14.46	+26 55.1	1.582	2.494	10.9	20.5
12 7	6 4.86	+26 56.6	1.529	2.490	6.4	20.2
12 17	5 53.39	+26 51.6	1.504	2.486	1.9	19.9
12 27	5 41.51	+26 38.8	1.507	2.481	4.0	20.0
1 6	5 30.76	+26 19.8	1.538	2.476	8.7	20.3
1 16	5 22.39	+25 57.7	1.595	2.471	13.0	20.5
1 26	5 17.20	+25 35.9	1.674	2.465	16.6	20.8
179157 2001 TX_{31}		12 19.5 42°.72		2°.5/19.8 18		
11 17	6 19.54	+30 22.7	1.494	2.340	15.7	19.3
11 27	6 13.07	+30 19.5	1.448	2.362	11.6	19.1
12 7	6 3.87	+30 7.9	1.425	2.384	7.0	18.9
12 17	5 53.13	+29 45.7	1.428	2.408	2.9	18.7
12 27	5 42.46	+29 13.3	1.458	2.431	4.4	18.8
1 6	5 33.34	+28 34.1	1.516	2.455	8.7	19.1
1 16	5 26.81	+27 52.4	1.599	2.480	12.6	19.4
1 26	5 23.47	+27 12.6	1.703	2.504	15.9	19.7
358599 2007 UP_{127}		12 19.5 326°.49		7°.4/18.2 17		
11 17	6 13.57	+10 53.0	1.401	2.248	16.5	20.7
11 27	6 9.11	+ 9 23.6	1.321	2.228	13.0	20.4
12 7	6 1.91	+ 8 0.8	1.263	2.208	9.5	20.2
12 17	5 52.81	+ 6 51.0	1.229	2.190	7.5	20.0
12 27	5 43.17	+ 6 0.4	1.221	2.172	8.8	20.0
1 6	5 34.45	+ 5 32.5	1.237	2.155	12.4	20.2
1 16	5 27.92	+ 5 27.7	1.276	2.139	16.4	20.4
1 26	5 24.47	+ 5 43.3	1.333	2.124	20.1	20.6

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
197233 2003 WD_{50}		12 19.5 159°.92		1°.5/19.3 17		
	h m	° ′			°	m
11 17	6 15.10	+20 17.6	2.459	3.289	10.9	20.1
11 27	6 9.05	+19 39.4	2.384	3.291	7.9	19.9
12 7	6 1.34	+19 1.1	2.334	3.293	4.7	19.7
12 17	5 52.64	+18 23.5	2.315	3.295	1.8	19.5
12 27	5 43.80	+17 48.1	2.326	3.297	3.2	19.6
1 6	5 35.70	+17 16.5	2.367	3.299	6.5	19.9
1 16	5 29.05	+16 50.0	2.437	3.300	9.5	20.1
1 26	5 24.39	+16 29.7	2.530	3.301	12.2	20.2
103340 2000 AW_{81}		12 19.5 35°.88		3°.3/19.4 18		
11 17	6 16.27	+16 46.3	1.402	2.254	16.2	18.6
11 27	6 10.77	+16 19.1	1.349	2.266	12.0	18.4
12 7	6 2.63	+15 57.9	1.318	2.278	7.4	18.1
12 17	5 52.92	+15 44.0	1.313	2.291	3.5	17.9
12 27	5 43.07	+15 38.2	1.335	2.305	5.2	18.1
1 6	5 34.51	+15 41.0	1.382	2.319	9.5	18.4
1 16	5 28.31	+15 51.9	1.454	2.334	13.7	18.6
1 26	5 25.15	+16 9.9	1.546	2.350	17.2	18.9
169841 2002 RZ_3		12 19.5 48°.99		2°.5/19.2 18		
11 17	6 17.46	+19 25.4	1.725	2.566	14.2	20.1
11 27	6 11.33	+18 36.5	1.656	2.569	10.4	19.9
12 7	6 2.87	+17 48.1	1.612	2.571	6.3	19.7
12 17	5 52.97	+17 2.1	1.594	2.574	2.7	19.5
12 27	5 42.89	+16 20.9	1.606	2.576	4.5	19.6
1 6	5 33.87	+15 47.0	1.645	2.579	8.6	19.8
1 16	5 26.90	+15 22.1	1.711	2.581	12.5	20.1
1 26	5 22.64	+15 6.8	1.798	2.584	15.8	20.3
181142 2005 QF_{174}		12 19.5 12°.56		4°.5/19.3 18		
11 17	6 14.66	+12 25.0	1.854	2.687	13.7	20.3
11 27	6 9.19	+11 51.0	1.785	2.688	10.4	20.1
12 7	6 1.62	+11 24.7	1.739	2.688	7.0	19.9
12 17	5 52.73	+11 8.3	1.720	2.689	4.6	19.7
12 27	5 43.60	+11 2.9	1.730	2.690	5.6	19.8
1 6	5 35.33	+11 8.9	1.767	2.692	8.8	20.0
1 16	5 28.83	+11 25.5	1.830	2.693	12.2	20.2
1 26	5 24.76	+11 50.9	1.915	2.694	15.2	20.4
174251 2002 RR_{184}		12 19.5 158°.05		6°.3/18.9 18		
11 17	6 15.87	+ 7 36.7	1.987	2.802	13.6	20.3
11 27	6 9.88	+ 6 38.4	1.919	2.805	10.7	20.1
12 7	6 1.94	+ 5 50.3	1.876	2.808	8.0	20.0
12 17	5 52.79	+ 5 15.9	1.859	2.810	6.3	19.9
12 27	5 43.45	+ 4 57.6	1.872	2.813	7.1	19.9
1 6	5 34.94	+ 4 56.0	1.911	2.815	9.6	20.1
1 16	5 28.10	+ 5 9.7	1.976	2.817	12.4	20.3
1 26	5 23.54	+ 5 36.4	2.063	2.818	15.1	20.5
304934 2007 RZ_{325}		12 19.5 168°.67		5°.8/18.8 18		
11 17	6 16.73	+ 7 36.8	2.269	3.075	12.4	21.8
11 27	6 10.29	+ 6 37.0	2.198	3.079	9.8	21.6
12 7	6 2.08	+ 5 46.1	2.154	3.083	7.3	21.4
12 17	5 52.82	+ 5 7.0	2.137	3.086	5.8	21.4
12 27	5 43.39	+ 4 42.2	2.151	3.089	6.5	21.4
1 6	5 34.70	+ 4 32.4	2.193	3.091	8.8	21.6
1 16	5 27.53	+ 4 36.9	2.261	3.092	11.4	21.7
1 26	5 22.43	+ 4 53.6	2.352	3.093	13.8	21.9
198118 2004 TJ_6		12 19.5 61°.74		9°.4/20.8 18		
11 17	6 18.15	+ 0 38.3	1.444	2.253	18.1	20.2
11 27	6 11.85	+ 0 12.0	1.403	2.277	14.8	20.0
12 7	6 3.13	+ 0 9.2	1.382	2.300	11.6	19.9
12 17	5 53.03	+ 0 32.9	1.386	2.323	9.5	19.9
12 27	5 42.91	+ 1 22.5	1.414	2.347	9.8	19.9
1 6	5 34.08	+ 2 34.0	1.469	2.371	12.1	20.1
1 16	5 27.51	+ 4 0.8	1.547	2.394	14.9	20.4
1 26	5 23.82	+ 5 36.4	1.645	2.418	17.6	20.6
195954 2002 RD_{162}		12 19.5 153°.04		1°.9/19.5 17		
11 17	6 13.67	+16 58.5	2.649	3.474	10.3	21.5
11 27	6 7.96	+16 47.2	2.575	3.479	7.6	21.3
12 7	6 0.72	+16 39.1	2.528	3.484	4.6	21.1
12 17	5 52.55	+16 34.3	2.510	3.488	2.1	21.0
12 27	5 44.22	+16 33.1	2.523	3.492	3.2	21.0
1 6	5 36.52	+16 35.6	2.566	3.496	6.1	21.2
1 16	5 30.10	+16 42.0	2.638	3.500	8.9	21.4
1 26	5 25.49	+16 52.1	2.734	3.503	11.4	21.6
454714 2014 SR_{172}		12 19.5 180°.01		0°.2/19.6 17		
11 17	6 16.32	+23 46.6	2.350	3.180	11.3	22.2
11 27	6 10.16	+23 54.2	2.273	3.181	8.2	22.0
12 7	6 2.10	+24 1.0	2.221	3.182	4.7	21.8
12 17	5 52.85	+24 5.8	2.199	3.182	1.0	21.5
12 27	5 43.35	+24 7.9	2.207	3.182	2.8	21.6
1 6	5 34.59	+24 7.5	2.245	3.181	6.5	21.9
1 16	5 27.38	+24 5.8	2.312	3.180	9.8	22.1
1 26	5 22.36	+24 4.0	2.402	3.179	12.5	22.3

5291 Yuuko 12 19.5 264.°30 1.°1/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.56	+21 0.7	1.722	2.562	14.2	17.4
11 27	6 12.49	+20 51.5	1.634	2.547	10.5	17.2
12 7	6 3.77	+20 43.2	1.570	2.531	6.2	16.9
12 17	5 53.24	+20 35.3	1.533	2.515	1.7	16.5
12 27	5 42.16	+20 27.8	1.525	2.499	3.9	16.7
1 6	5 31.93	+20 21.4	1.545	2.483	8.7	16.9
1 16	5 23.78	+20 17.6	1.591	2.466	13.0	17.1
1 26	5 18.55	+20 17.6	1.658	2.449	16.7	17.3

172859 2005 ET_{73} 12 19.5 198.°31 2.°3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.53	+29 15.2	2.077	2.906	12.6	21.0
11 27	6 12.83	+29 37.0	1.998	2.904	9.3	20.7
12 7	6 3.79	+29 54.0	1.945	2.901	5.7	20.5
12 17	5 53.22	+30 3.3	1.919	2.898	2.5	20.3
12 27	5 42.29	+30 3.3	1.924	2.895	3.8	20.4
1 6	5 32.26	+29 54.7	1.958	2.891	7.5	20.6
1 16	5 24.16	+29 39.7	2.020	2.887	11.0	20.8
1 26	5 18.71	+29 21.6	2.104	2.882	14.1	21.0

174785 2003 WS_{106} 12 19.5 41.°89 4.°9/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.51	+30 58.8	1.513	2.354	15.8	19.5
11 27	6 15.08	+32 28.7	1.455	2.364	11.9	19.3
12 7	6 5.42	+33 53.8	1.421	2.374	7.8	19.1
12 17	5 53.58	+35 6.0	1.414	2.385	5.0	19.0
12 27	5 41.24	+35 59.3	1.434	2.396	6.3	19.1
1 6	5 30.17	+36 32.3	1.481	2.407	10.1	19.3
1 16	5 21.82	+36 47.6	1.553	2.419	13.8	19.6
1 26	5 17.10	+36 50.6	1.645	2.431	17.1	19.8

180686 2004 HN_6 12 19.5 233.°81 1.°6/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.07	+26 36.8	2.210	3.039	11.9	20.7
11 27	6 11.73	+27 9.5	2.123	3.030	8.8	20.4
12 7	6 3.17	+27 40.6	2.062	3.021	5.2	20.2
12 17	5 53.11	+28 7.3	2.031	3.011	1.9	20.0
12 27	5 42.60	+28 27.4	2.029	3.001	3.4	20.1
1 6	5 32.80	+28 40.4	2.057	2.991	7.1	20.3
1 16	5 24.69	+28 47.3	2.113	2.980	10.6	20.5
1 26	5 19.04	+28 50.4	2.192	2.969	13.6	20.7

55380 2001 SB_{264} 12 19.5 294.°19 5.°6/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.07	+39 7.5	1.562	2.380	16.5	18.3
11 27	6 20.33	+38 45.1	1.455	2.347	13.1	18.0
12 7	6 8.71	+38 1.2	1.369	2.312	9.2	17.7
12 17	5 54.31	+36 49.3	1.310	2.277	5.9	17.4
12 27	5 39.10	+35 7.7	1.279	2.242	6.6	17.4
1 6	5 25.25	+33 2.1	1.276	2.207	10.8	17.5
1 16	5 14.55	+30 44.3	1.299	2.171	15.6	17.7
1 26	5 8.05	+28 27.0	1.345	2.136	19.9	17.9

132997 2002 TO_{258} 12 19.5 83.°52 6.°2/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.52	+ 7 16.9	1.892	2.706	14.2	20.2
11 27	6 10.93	+ 6 28.1	1.847	2.732	11.1	20.0
12 7	6 2.44	+ 5 51.6	1.826	2.758	8.1	19.9
12 17	5 52.91	+ 5 30.1	1.832	2.784	6.3	19.8
12 27	5 43.39	+ 5 25.1	1.866	2.809	7.0	19.9
1 6	5 34.92	+ 5 35.8	1.928	2.834	9.4	20.1
1 16	5 28.27	+ 6 0.3	2.016	2.858	12.1	20.3
1 26	5 23.97	+ 6 35.5	2.125	2.882	14.6	20.6

241227 2007 TE_{123} 12 19.5 76.°35 1.°6/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.64	+19 19.2	1.716	2.552	14.5	20.6
11 27	6 13.39	+19 13.6	1.673	2.583	10.5	20.4
12 7	6 3.91	+19 10.9	1.654	2.614	6.1	20.3
12 17	5 53.21	+19 10.4	1.662	2.644	2.0	20.1
12 27	5 42.57	+19 11.9	1.701	2.674	3.8	20.2
1 6	5 33.22	+19 15.7	1.767	2.703	7.9	20.6
1 16	5 26.06	+19 22.2	1.861	2.732	11.6	20.8
1 26	5 21.63	+19 31.9	1.976	2.761	14.6	21.1

131701 2001 YV 12 19.5 306.°63 6.°8/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.79	+35 47.3	1.469	2.307	16.4	19.3
11 27	6 15.22	+36 59.5	1.383	2.285	12.9	19.1
12 7	6 5.92	+38 4.1	1.319	2.264	9.2	18.8
12 17	5 53.78	+38 52.0	1.279	2.242	6.9	18.6
12 27	5 40.54	+39 16.5	1.266	2.221	8.0	18.6
1 6	5 28.34	+39 16.0	1.278	2.201	11.7	18.8
1 16	5 19.04	+38 54.7	1.314	2.180	15.8	18.9
1 26	5 13.87	+38 20.4	1.368	2.161	19.6	19.1

345829 2007 JM_{10} 12 19.5 191.°86 1.°3/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.21	+20 45.5	1.881	2.716	13.5	21.6
11 27	6 12.59	+20 27.8	1.805	2.715	9.9	21.4
12 7	6 3.63	+20 10.7	1.753	2.713	5.8	21.1
12 17	5 53.20	+19 54.0	1.730	2.711	1.7	20.9
12 27	5 42.47	+19 38.3	1.736	2.709	3.7	21.0
1 6	5 32.69	+19 24.7	1.771	2.706	7.9	21.3
1 16	5 24.86	+19 14.6	1.833	2.703	11.8	21.5
1 26	5 19.70	+19 9.2	1.917	2.699	15.1	21.7

400770 2010 DZ_8 12 19.5 262.°51 1.°1/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.26	+20 44.5	1.770	2.610	14.0	22.0
11 27	6 12.21	+20 37.4	1.682	2.595	10.3	21.8
12 7	6 3.59	+20 31.8	1.619	2.580	6.1	21.5
12 17	5 53.22	+20 26.9	1.582	2.565	1.7	21.2
12 27	5 42.33	+20 22.6	1.575	2.549	3.8	21.3
1 6	5 32.27	+20 19.5	1.596	2.533	8.5	21.5
1 16	5 24.21	+20 18.8	1.643	2.517	12.7	21.7
1 26	5 18.99	+20 21.6	1.712	2.501	16.3	21.9

318211 2004 RK_{182} 12 19.5 73.°67 1.°8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.97	+27 25.8	1.179	2.031	18.7	20.9
11 27	6 18.21	+27 32.1	1.138	2.056	13.6	20.6
12 7	6 7.00	+27 32.3	1.119	2.081	8.0	20.4
12 17	5 53.86	+27 23.1	1.124	2.106	2.4	20.1
12 27	5 40.85	+27 4.0	1.156	2.131	4.8	20.4
1 6	5 29.88	+26 38.1	1.214	2.155	10.1	20.7
1 16	5 22.24	+26 10.3	1.296	2.180	14.8	21.1
1 26	5 18.52	+25 44.9	1.397	2.203	18.5	21.4

195965 2002 RW_{174} 12 19.5 150.°11 0.°0/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.89	+24 2.4	2.740	3.566	10.0	21.0
11 27	6 8.84	+23 56.2	2.666	3.573	7.2	20.8
12 7	6 1.23	+23 48.6	2.619	3.579	4.1	20.6
12 17	5 52.69	+23 38.9	2.602	3.585	0.9	20.4
12 27	5 44.01	+23 27.3	2.616	3.591	2.5	20.5
1 6	5 36.00	+23 14.4	2.661	3.596	5.6	20.8
1 16	5 29.33	+23 1.5	2.735	3.601	8.5	21.0
1 26	5 24.52	+22 49.7	2.834	3.606	11.0	21.1

311811 2006 UM_{196} 12 19.6 70.°55 6.°0/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.28	+36 53.0	1.811	2.633	14.5	20.5
11 27	6 15.32	+38 5.3	1.753	2.645	11.2	20.3
12 7	6 5.42	+39 7.0	1.720	2.657	8.1	20.2
12 17	5 53.60	+39 51.4	1.713	2.670	6.1	20.1
12 27	5 41.41	+40 14.5	1.734	2.682	6.9	20.2
1 6	5 30.45	+40 16.8	1.782	2.695	9.6	20.3
1 16	5 22.01	+40 2.4	1.856	2.708	12.6	20.6
1 26	5 16.89	+39 37.3	1.951	2.720	15.3	20.8

230171 2001 QO_{333} 12 19.6 5.°71 0.°4/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.94	+27 17.5	1.096	1.965	18.5	19.8
11 27	6 12.12	+26 31.5	1.037	1.964	13.6	19.5
12 7	6 3.79	+25 36.3	0.999	1.965	7.9	19.2
12 17	5 53.27	+24 32.5	0.984	1.967	1.7	18.9
12 27	5 42.51	+23 23.8	0.994	1.971	4.7	19.1
1 6	5 33.46	+22 16.2	1.029	1.976	10.6	19.4
1 16	5 27.51	+21 15.8	1.085	1.982	15.9	19.7
1 26	5 25.40	+20 26.6	1.161	1.989	20.2	20.0

318590 2005 HF_2 12 19.6 142.°24 2.°7/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.13	+17 2.0	1.858	2.686	13.9	21.9
11 27	6 13.81	+16 39.1	1.794	2.699	10.3	21.7
12 7	6 4.24	+16 20.0	1.756	2.712	6.3	21.5
12 17	5 53.34	+16 5.3	1.745	2.723	2.9	21.3
12 27	5 42.29	+15 55.8	1.765	2.734	4.4	21.4
1 6	5 32.31	+15 52.1	1.813	2.744	8.2	21.7
1 16	5 24.35	+15 54.6	1.889	2.753	11.9	21.9
1 26	5 19.03	+16 3.2	1.987	2.761	14.9	22.1

297241 1994 SF_5 12 19.6 126.°99 7.°6/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.94	+ 3 16.3	1.964	2.766	14.2	20.8
11 27	6 9.93	+ 2 23.8	1.904	2.775	11.6	20.6
12 7	6 1.99	+ 1 45.8	1.866	2.783	9.1	20.5
12 17	5 52.88	+ 1 25.9	1.855	2.791	7.6	20.4
12 27	5 43.61	+ 1 25.9	1.872	2.799	8.2	20.5
1 6	5 35.18	+ 1 45.3	1.915	2.806	10.3	20.6
1 16	5 28.45	+ 2 21.5	1.983	2.814	12.8	20.8
1 26	5 23.98	+ 3 10.8	2.073	2.820	15.2	21.0

332410 2007 OH_1 12 19.6 193.°15 5.°8/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.38	+ 4 6.5	2.604	3.400	11.3	21.6
11 27	6 7.05	+ 3 32.2	2.529	3.399	9.1	21.5
12 7	6 0.25	+ 3 8.7	2.480	3.398	7.1	21.3
12 17	5 52.52	+ 2 58.2	2.458	3.396	5.9	21.3
12 27	5 44.61	+ 3 1.9	2.465	3.395	6.3	21.3
1 6	5 37.25	+ 3 19.5	2.500	3.393	8.1	21.4
1 16	5 31.11	+ 3 49.6	2.562	3.391	10.3	21.6
1 26	5 26.69	+ 4 29.8	2.647	3.389	12.4	21.7

8887 Scheeres 12 19.6 125.°72 5.°7/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.63	+ 6 21.6	1.942	2.752	14.1	17.1
11 27	6 11.22	+ 6 19.2	1.879	2.762	11.0	17.0
12 7	6 2.77	+ 6 30.7	1.838	2.773	8.0	16.8
12 17	5 53.06	+ 6 57.3	1.825	2.782	5.8	16.7
12 27	5 43.15	+ 7 38.5	1.841	2.792	6.4	16.7
1 6	5 34.10	+ 8 32.1	1.886	2.801	9.0	16.9
1 16	5 26.80	+ 9 34.9	1.957	2.810	12.0	17.1
1 26	5 21.88	+10 43.4	2.051	2.818	14.8	17.3

426319 2012 TM_{315} 12 19.6 58.°51 1.°6/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.64	+17 4.3	1.314	2.159	17.5	19.6
11 27	6 15.40	+17 44.9	1.277	2.191	12.7	19.4
12 7	6 5.29	+18 33.1	1.262	2.223	7.4	19.2
12 17	5 53.56	+19 25.3	1.273	2.255	2.3	18.9
12 27	5 41.87	+20 17.9	1.312	2.287	4.3	19.2
1 6	5 31.79	+21 8.1	1.379	2.319	9.2	19.5
1 16	5 24.46	+21 54.8	1.470	2.350	13.5	19.9
1 26	5 20.49	+22 38.0	1.582	2.382	17.0	20.2

350454 1997 GW_{17} 12 19.6 315.°94 4.°2/19.3 15

11 17	6 14.87	+15 15.7	1.466	2.316	15.8	20.8
11 27	6 10.12	+14 40.6	1.381	2.296	12.0	20.5
12 7	6 2.59	+14 11.4	1.318	2.276	7.7	20.2
12 17	5 53.09	+13 50.3	1.281	2.256	4.4	20.0
12 27	5 42.96	+13 39.5	1.269	2.237	5.9	20.0
1 6	5 33.71	+13 40.0	1.284	2.219	10.4	20.2
1 16	5 26.63	+13 52.0	1.322	2.201	14.9	20.4
1 26	5 22.67	+14 14.3	1.380	2.184	18.9	20.7

361807 2008 CZ_{37} 12 19.6 250.°46 0.°9/19.6 17

11 17	6 17.56	+26 17.8	2.068	2.902	12.4	21.7
11 27	6 11.40	+26 16.4	1.983	2.892	9.1	21.5
12 7	6 3.00	+26 11.7	1.923	2.883	5.4	21.3
12 17	5 53.13	+26 2.1	1.891	2.873	1.4	21.0
12 27	5 42.91	+25 47.3	1.889	2.863	3.3	21.1
1 6	5 33.51	+25 28.3	1.916	2.853	7.3	21.3
1 16	5 25.92	+25 7.4	1.971	2.843	11.0	21.5
1 26	5 20.86	+24 47.0	2.048	2.833	14.2	21.7

299106 2005 ED_{129} 12 19.6 359.°51 2.°6/19.5 18

11 17	6 14.50	+18 36.4	1.293	2.154	16.7	20.4
11 27	6 9.94	+18 16.0	1.229	2.151	12.4	20.2
12 7	6 2.44	+17 59.9	1.186	2.149	7.5	19.9
12 17	5 53.03	+17 49.1	1.168	2.149	2.9	19.6
12 27	5 43.25	+17 44.2	1.175	2.149	5.0	19.7
1 6	5 34.68	+17 45.8	1.208	2.150	10.0	20.0
1 16	5 28.61	+17 54.3	1.264	2.153	14.7	20.3
1 26	5 25.84	+18 9.2	1.339	2.156	18.6	20.6

325389 2008 TQ_{135} 12 19.6 139.°82 2.°3/19.4 18

11 17	6 13.80	+15 52.4	2.859	3.680	9.8	21.6
11 27	6 7.93	+15 28.6	2.790	3.690	7.2	21.5
12 7	6 0.68	+15 7.9	2.748	3.701	4.5	21.3
12 17	5 52.62	+14 51.1	2.736	3.711	2.4	21.2
12 27	5 44.47	+14 38.8	2.754	3.720	3.3	21.3
1 6	5 36.92	+14 31.4	2.804	3.729	5.9	21.5
1 16	5 30.58	+14 29.3	2.882	3.738	8.5	21.6
1 26	5 25.91	+14 32.2	2.984	3.746	10.7	21.8

452611 2005 QZ_{53} 12 19.6 119.°81 3.°4/19.6 18

11 17	6 16.24	+12 38.7	2.302	3.121	11.9	21.9
11 27	6 9.92	+12 26.1	2.241	3.138	8.9	21.7
12 7	6 1.90	+12 20.4	2.205	3.153	5.8	21.6
12 17	5 52.88	+12 22.2	2.198	3.168	3.5	21.5
12 27	5 43.75	+12 31.5	2.221	3.183	4.4	21.5
1 6	5 35.40	+12 48.0	2.274	3.197	7.2	21.7
1 16	5 28.57	+13 10.8	2.354	3.211	10.1	21.9
1 26	5 23.78	+13 38.7	2.459	3.225	12.6	22.1

51593 2001 HO_{20} 12 19.6 180.°10 4.°4/18.9 18

11 17	6 16.91	+13 39.3	1.963	2.790	13.3	19.2
11 27	6 10.73	+12 42.0	1.890	2.791	10.1	19.0
12 7	6 2.52	+11 49.6	1.843	2.791	6.7	18.8
12 17	5 53.04	+11 4.8	1.823	2.791	4.4	18.6
12 27	5 43.35	+10 30.4	1.833	2.791	5.6	18.7
1 6	5 34.53	+10 7.8	1.871	2.791	8.7	18.9
1 16	5 27.46	+ 9 57.6	1.936	2.790	12.0	19.1
1 26	5 22.77	+ 9 58.8	2.022	2.790	14.9	19.3

228870 2003 HL_{27} 12 19.6 271.°02 0.°5/19.6 18

11 17	6 19.43	+23 19.7	1.676	2.518	14.5	20.7
11 27	6 13.37	+23 45.9	1.587	2.501	10.7	20.5
12 7	6 4.46	+24 13.6	1.523	2.484	6.3	20.2
12 17	5 53.51	+24 40.0	1.485	2.468	1.4	19.8
12 27	5 41.87	+25 2.6	1.475	2.450	3.9	19.9
1 6	5 31.04	+25 20.3	1.494	2.433	8.8	20.2
1 16	5 22.38	+25 34.0	1.539	2.416	13.3	20.4
1 26	5 16.85	+25 45.6	1.605	2.398	17.1	20.6

170623 2003 YJ_{57} 12 19.6 291.°64 2.°6/19.1 18

11 17	6 17.47	+19 36.8	1.735	2.576	14.1	19.8
11 27	6 11.53	+18 40.4	1.653	2.565	10.5	19.5
12 7	6 3.16	+17 43.0	1.595	2.555	6.4	19.2
12 17	5 53.20	+16 46.9	1.565	2.544	2.8	19.0
12 27	5 42.90	+15 55.1	1.563	2.533	4.7	19.1
1 6	5 33.54	+15 10.6	1.590	2.523	8.9	19.3
1 16	5 26.20	+14 36.1	1.642	2.512	13.0	19.5
1 26	5 21.62	+14 12.5	1.716	2.502	16.5	19.7

264807 2002 PB_{27} 12 19.6 201.°94 3.°8/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.21	+10 11.9	2.679	3.492	10.6	21.1
11 27	6 7.68	+ 9 54.3	2.599	3.489	8.1	21.0
12 7	6 0.64	+ 9 43.9	2.544	3.485	5.6	20.8
12 17	5 52.66	+ 9 41.7	2.518	3.481	3.9	20.7
12 27	5 44.47	+ 9 48.5	2.523	3.477	4.6	20.7
1 6	5 36.81	+10 3.9	2.557	3.472	6.9	20.9
1 16	5 30.36	+10 27.1	2.618	3.468	9.4	21.0
1 26	5 25.64	+10 56.9	2.704	3.463	11.8	21.2

253403 2003 PJ_{5} 12 19.6 97.°58 0.°4/19.6 18

11 17	6 24.89	+24 50.9	1.454	2.295	16.4	20.8
11 27	6 17.00	+24 48.2	1.405	2.318	11.9	20.6
12 7	6 6.22	+24 42.7	1.379	2.340	6.8	20.4
12 17	5 53.80	+24 32.4	1.380	2.363	1.5	20.1
12 27	5 41.41	+24 17.1	1.409	2.384	4.0	20.3
1 6	5 30.62	+23 58.9	1.466	2.405	8.9	20.6
1 16	5 22.58	+23 40.7	1.549	2.426	13.2	20.9
1 26	5 17.91	+23 25.4	1.653	2.445	16.7	21.2

72812 2001 GB_{8} 12 19.6 66.°26 1.°7/19.5 17

11 17	6 16.62	+26 33.9	2.198	3.031	11.9	19.0
11 27	6 10.63	+27 13.4	2.125	3.033	8.7	18.8
12 7	6 2.54	+27 51.5	2.077	3.036	5.2	18.6
12 17	5 53.08	+28 25.0	2.057	3.038	1.9	18.4
12 27	5 43.29	+28 51.9	2.068	3.040	3.4	18.5
1 6	5 34.26	+29 11.4	2.109	3.043	7.0	18.8
1 16	5 26.93	+29 24.3	2.177	3.045	10.3	19.0
1 26	5 21.98	+29 32.7	2.268	3.048	13.1	19.2

415029 2011 UL_{21} 12 19.6 323.°95 7.°4/21.3 18

11 17	6 53.92	+42 30.5	1.148	1.947	22.5	18.6
11 27	6 44.23	+41 47.5	0.983	1.862	19.1	18.1
12 7	6 26.05	+40 17.5	0.836	1.774	14.1	17.5
12 17	5 58.82	+37 22.5	0.713	1.684	8.5	16.8
12 27	5 24.86	+32 19.8	0.621	1.590	9.7	16.4
1 6	4 49.68	+24 57.1	0.564	1.494	20.2	16.4
1 16	4 19.30	+16 4.9	0.543	1.395	32.8	16.6
1 26	3 56.99	+ 7 8.4	0.548	1.294	44.8	16.8

220152 2002 TR_{200} 12 19.6 100.°52 1.°6/19.5 18

11 17	6 22.59	+20 28.8	1.590	2.427	15.4	20.6
11 27	6 15.08	+20 7.0	1.538	2.450	11.2	20.4
12 7	6 5.04	+19 46.5	1.511	2.471	6.5	20.2
12 17	5 53.57	+19 27.2	1.510	2.492	2.0	19.9
12 27	5 42.10	+19 10.0	1.539	2.513	4.1	20.1
1 6	5 32.01	+18 56.2	1.597	2.533	8.6	20.4
1 16	5 24.32	+18 47.3	1.680	2.552	12.6	20.7
1 26	5 19.64	+18 43.9	1.785	2.571	15.9	21.0

487480 2014 SY_{217} 12 19.6 94.°21 4.°2/19.7 17

11 17	6 13.16	+ 9 43.0	2.387	3.203	11.6	21.2
11 27	6 7.74	+ 9 30.6	2.318	3.210	8.9	21.1
12 7	6 0.71	+ 9 27.0	2.275	3.216	6.2	20.9
12 17	5 52.69	+ 9 33.1	2.259	3.222	4.3	20.8
12 27	5 44.50	+ 9 49.3	2.273	3.228	4.9	20.8
1 6	5 36.96	+10 14.7	2.316	3.235	7.4	21.0
1 16	5 30.78	+10 48.1	2.387	3.241	10.1	21.2
1 26	5 26.49	+11 27.5	2.481	3.247	12.5	21.4

270253 2001 UE_{36} 12 19.6 47.°93 8.°2/19.9 18 R

11 17	6 17.70	+ 6 25.5	1.243	2.081	18.8	19.3
11 27	6 11.85	+ 5 38.5	1.205	2.103	14.8	19.1
12 7	6 3.30	+ 5 10.8	1.187	2.125	10.9	19.0
12 17	5 53.22	+ 5 6.2	1.192	2.148	8.4	18.9
12 27	5 43.14	+ 5 25.6	1.222	2.171	9.1	19.0
1 6	5 34.53	+ 6 6.0	1.277	2.195	12.1	19.3
1 16	5 28.44	+ 7 2.6	1.354	2.219	15.5	19.5
1 26	5 25.50	+ 8 9.7	1.451	2.244	18.6	19.8

303437 2005 AO_{51} 12 19.6 295.°86 1.°3/19.5 18

11 17	6 17.24	+21 25.4	1.631	2.477	14.6	20.4
11 27	6 11.66	+21 1.4	1.545	2.461	10.8	20.1
12 7	6 3.40	+20 36.9	1.483	2.445	6.4	19.8
12 17	5 53.30	+20 12.2	1.447	2.429	1.8	19.5
12 27	5 42.69	+19 48.2	1.439	2.414	4.1	19.6
1 6	5 32.99	+19 26.7	1.459	2.398	8.9	19.8
1 16	5 25.44	+19 9.7	1.504	2.383	13.4	20.0
1 26	5 20.88	+18 59.0	1.570	2.368	17.2	20.3

180448 2004 BQ_{124} 12 19.6 152.°24 1.°1/19.6 18

11 17	6 21.33	+19 30.4	1.786	2.619	14.2	20.7
11 27	6 14.23	+19 43.4	1.718	2.627	10.4	20.4
12 7	6 4.66	+19 59.8	1.675	2.635	6.1	20.2
12 17	5 53.53	+20 18.0	1.659	2.641	1.7	19.9
12 27	5 42.12	+20 36.8	1.674	2.648	3.7	20.1
1 6	5 31.73	+20 55.4	1.717	2.653	8.1	20.4
1 16	5 23.45	+21 14.1	1.788	2.658	12.1	20.6
1 26	5 17.99	+21 33.6	1.880	2.663	15.4	20.8

486495 2013 GW_{96} 12 19.6 268°.36 12°.8/18.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.97	−12 8.9	2.061	2.791	16.0	21.2
11 27	6 8.66	−13 33.4	1.995	2.782	14.5	21.0
12 7	6 1.39	−14 34.6	1.949	2.773	13.4	20.9
12 17	5 52.86	−15 6.1	1.925	2.764	12.8	20.9
12 27	5 44.00	−15 4.4	1.924	2.754	13.2	20.9
1 6	5 35.83	−14 29.8	1.946	2.745	14.2	20.9
1 16	5 29.20	−13 26.0	1.988	2.736	15.7	21.0
1 26	5 24.78	−11 59.3	2.048	2.727	17.4	21.1

333014 2011 QA_2 12 19.6 112°.03 0°.9/19.5 15

11 17	6 19.64	+20 59.3	1.974	2.806	13.0	22.9
11 27	6 12.66	+20 54.9	1.916	2.824	9.5	22.7
12 7	6 3.59	+20 51.5	1.882	2.842	5.5	22.5
12 17	5 53.28	+20 48.3	1.877	2.860	1.4	22.2
12 27	5 42.89	+20 45.3	1.903	2.877	3.3	22.4
1 6	5 33.53	+20 42.8	1.958	2.893	7.3	22.7
1 16	5 26.10	+20 41.9	2.040	2.909	10.8	22.9
1 26	5 21.17	+20 43.6	2.145	2.925	13.8	23.2

266179 2006 VU_{35} 12 19.6 354°.98 1°.7/19.5 18

11 17	6 18.54	+25 27.7	1.198	2.060	17.7	20.3
11 27	6 13.37	+25 58.4	1.134	2.057	13.1	20.0
12 7	6 4.68	+26 28.5	1.091	2.055	7.7	19.7
12 17	5 53.59	+26 53.4	1.071	2.053	2.3	19.4
12 27	5 41.93	+27 9.9	1.077	2.052	4.8	19.5
1 6	5 31.67	+27 17.6	1.108	2.052	10.4	19.8
1 16	5 24.39	+27 19.0	1.162	2.053	15.5	20.1
1 26	5 21.04	+27 17.6	1.234	2.054	19.7	20.4

357375 2003 SB_{264} 12 19.6 12°.29 1°.9/19.5 18

11 17	6 16.36	+25 30.8	1.237	2.100	17.2	19.8
11 27	6 11.58	+26 11.9	1.179	2.103	12.6	19.5
12 7	6 3.53	+26 52.5	1.143	2.108	7.5	19.2
12 17	5 53.33	+27 27.9	1.132	2.113	2.4	19.0
12 27	5 42.71	+27 54.5	1.145	2.120	4.7	19.1
1 6	5 33.49	+28 11.5	1.184	2.128	10.0	19.5
1 16	5 27.08	+28 20.6	1.247	2.138	14.7	19.8
1 26	5 24.33	+28 25.2	1.328	2.148	18.6	20.0

255153 2005 UY_{177} 12 19.6 94°.27 0°.7/19.5 18

11 17	6 16.81	+22 15.5	2.063	2.898	12.4	20.6
11 27	6 10.61	+21 59.5	1.998	2.909	9.0	20.4
12 7	6 2.43	+21 42.9	1.958	2.919	5.2	20.2
12 17	5 53.06	+21 25.7	1.947	2.929	1.3	20.0
12 27	5 43.56	+21 8.3	1.965	2.940	3.2	20.1
1 6	5 34.99	+20 51.9	2.013	2.950	7.0	20.4
1 16	5 28.18	+20 37.8	2.088	2.960	10.5	20.6
1 26	5 23.74	+20 27.4	2.186	2.970	13.4	20.8

448497 2010 KR_{128} 12 19.6 221°.37 3°.0/19.3 18 R

11 17	6 17.35	+15 46.4	2.080	2.907	12.6	21.5
11 27	6 11.12	+15 19.1	1.996	2.900	9.5	21.2
12 7	6 2.82	+14 55.9	1.937	2.891	6.0	21.0
12 17	5 53.17	+14 37.8	1.907	2.883	3.2	20.8
12 27	5 43.19	+14 25.9	1.907	2.873	4.4	20.9
1 6	5 33.94	+14 20.9	1.936	2.864	7.9	21.1
1 16	5 26.36	+14 23.1	1.991	2.853	11.4	21.3
1 26	5 21.13	+14 32.4	2.070	2.843	14.5	21.5

245510 2005 SK_2 12 19.6 122°.59 0°.4/19.6 18

11 17	6 17.60	+22 38.7	2.212	3.043	11.9	21.7
11 27	6 11.08	+22 33.0	2.147	3.055	8.6	21.5
12 7	6 2.66	+22 26.8	2.107	3.068	5.0	21.3
12 17	5 53.11	+22 19.3	2.097	3.080	1.1	21.0
12 27	5 43.43	+22 10.7	2.117	3.091	3.0	21.2
1 6	5 34.63	+22 1.6	2.166	3.102	6.7	21.4
1 16	5 27.52	+21 53.3	2.244	3.113	10.0	21.7
1 26	5 22.67	+21 47.0	2.345	3.123	12.8	21.9

514601 2003 ST_{186} 12 19.6 80°.92 1°.8/19.6 18

11 17	6 20.10	+18 13.7	1.703	2.539	14.6	21.2
11 27	6 13.16	+18 17.8	1.654	2.564	10.6	21.0
12 7	6 3.92	+18 26.2	1.630	2.589	6.3	20.8
12 17	5 53.37	+18 37.9	1.633	2.614	2.2	20.6
12 27	5 42.78	+18 52.1	1.665	2.638	3.9	20.8
1 6	5 33.39	+19 8.3	1.726	2.662	8.0	21.1
1 16	5 26.17	+19 26.5	1.813	2.686	11.8	21.4
1 26	5 21.70	+19 46.7	1.923	2.710	14.9	21.6

197039 2003 UH_{134} 12 19.6 162°.08 1°.8/19.4 18

11 17	6 14.81	+18 49.5	2.587	3.413	10.5	20.3
11 27	6 8.85	+18 20.0	2.511	3.416	7.7	20.1
12 7	6 1.32	+17 51.6	2.463	3.420	4.6	19.9
12 17	5 52.83	+17 25.1	2.443	3.423	1.9	19.7
12 27	5 44.21	+17 1.4	2.455	3.425	3.2	19.8
1 6	5 36.26	+16 41.7	2.498	3.428	6.2	20.0
1 16	5 29.66	+16 26.9	2.568	3.430	9.2	20.2
1 26	5 24.94	+16 17.3	2.663	3.432	11.7	20.4

352991 2009 BU_{104} 12 19.6 195°.45 4°.3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.05	+ 9 2.9	2.556	3.361	11.2	22.4
11 27	6 9.80	+ 8 47.2	2.474	3.358	8.7	22.2
12 7	6 1.91	+ 8 39.7	2.417	3.355	6.1	22.0
12 17	5 52.97	+ 8 41.9	2.390	3.350	4.4	21.9
12 27	5 43.79	+ 8 54.0	2.393	3.345	5.0	21.9
1 6	5 35.18	+ 9 15.8	2.427	3.339	7.4	22.1
1 16	5 27.88	+ 9 46.0	2.488	3.333	10.0	22.2
1 26	5 22.44	+10 23.0	2.573	3.325	12.5	22.4

108450 2001 KA_{49} 12 19.6 128°.40 1°.9/19.5 18

11 17	6 20.37	+27 16.5	2.180	3.007	12.2	20.4
11 27	6 13.29	+27 58.0	2.115	3.020	8.9	20.2
12 7	6 4.04	+28 36.9	2.076	3.033	5.3	20.0
12 17	5 53.42	+29 9.8	2.066	3.046	2.1	19.8
12 27	5 42.55	+29 34.4	2.087	3.058	3.5	20.0
1 6	5 32.58	+29 50.4	2.138	3.069	7.0	20.2
1 16	5 24.45	+29 59.1	2.216	3.080	10.3	20.4
1 26	5 18.83	+30 3.1	2.318	3.091	13.1	20.6

414365 2008 TC_{191} 12 19.6 10°.89 0°.6/19.6 17

11 17	6 14.22	+21 43.6	2.048	2.888	12.3	21.0
11 27	6 8.87	+21 40.7	1.976	2.889	9.0	20.8
12 7	6 1.51	+21 38.4	1.929	2.891	5.2	20.6
12 17	5 52.89	+21 36.2	1.910	2.893	1.2	20.3
12 27	5 44.04	+21 33.9	1.920	2.895	3.1	20.4
1 6	5 35.99	+21 32.0	1.959	2.897	7.1	20.7
1 16	5 29.64	+21 31.1	2.024	2.900	10.6	20.9
1 26	5 25.61	+21 32.3	2.113	2.903	13.6	21.1

360198 1997 SO_{24} 12 19.6 113°.27 0°.4/19.6 17

11 17	6 18.07	+24 32.1	1.967	2.803	12.9	21.5
11 27	6 11.71	+24 33.8	1.900	2.811	9.4	21.3
12 7	6 3.14	+24 33.6	1.858	2.819	5.4	21.0
12 17	5 53.24	+24 30.4	1.844	2.826	1.2	20.8
12 27	5 43.13	+24 23.7	1.859	2.834	3.2	20.9
1 6	5 33.99	+24 14.2	1.904	2.841	7.3	21.2
1 16	5 26.76	+24 3.8	1.975	2.848	11.0	21.4
1 26	5 22.09	+23 54.3	2.069	2.855	14.0	21.7

84822 2002 YW_{21} 12 19.6 74°.37 0°.3/19.6 18

11 17	6 21.20	+20 43.6	1.416	2.263	16.4	19.0
11 27	6 14.57	+21 16.5	1.362	2.278	12.0	18.8
12 7	6 5.01	+21 53.2	1.331	2.293	6.9	18.5
12 17	5 53.64	+22 30.3	1.326	2.309	1.5	18.2
12 27	5 42.03	+23 5.1	1.349	2.324	4.0	18.4
1 6	5 31.79	+23 36.0	1.399	2.340	9.1	18.8
1 16	5 24.13	+24 3.3	1.474	2.355	13.5	19.1
1 26	5 19.81	+24 28.1	1.571	2.370	17.1	19.4

25822 Carolinejune 12 19.6 107°.53 0°.3/19.6 18

11 17	6 15.47	+24 14.5	2.451	3.282	10.9	19.4
11 27	6 9.46	+24 22.2	2.384	3.293	7.9	19.2
12 7	6 1.72	+24 28.7	2.343	3.303	4.5	19.0
12 17	5 52.94	+24 32.9	2.331	3.314	1.0	18.8
12 27	5 44.01	+24 34.3	2.350	3.324	2.7	18.9
1 6	5 35.82	+24 33.2	2.398	3.335	6.1	19.2
1 16	5 29.13	+24 30.5	2.475	3.345	9.2	19.4
1 26	5 24.49	+24 27.8	2.576	3.354	11.8	19.6

331113 2010 RQ_{124} 12 19.6 172°.64 1°.5/19.6 18

11 17	6 18.05	+26 56.6	2.082	2.915	12.4	21.1
11 27	6 11.74	+27 15.6	2.007	2.916	9.1	20.8
12 7	6 3.22	+27 31.7	1.958	2.917	5.4	20.6
12 17	5 53.28	+27 42.6	1.936	2.918	1.8	20.4
12 27	5 43.03	+27 46.8	1.945	2.918	3.4	20.5
1 6	5 33.65	+27 44.8	1.983	2.918	7.2	20.7
1 16	5 26.11	+27 38.3	2.048	2.919	10.7	21.0
1 26	5 21.09	+27 29.7	2.136	2.919	13.7	21.2

14530 1997 PR 12 19.6 139°.37 3°.6/19.9 18

11 17	6 24.52	+33 42.7	1.947	2.766	13.7	18.7
11 27	6 16.51	+33 57.0	1.882	2.779	10.3	18.6
12 7	6 5.94	+34 1.4	1.842	2.791	6.7	18.4
12 17	5 53.82	+33 52.5	1.830	2.803	3.8	18.2
12 27	5 41.58	+33 29.3	1.848	2.814	4.8	18.3
1 6	5 30.59	+32 54.0	1.896	2.824	8.1	18.5
1 16	5 21.95	+32 11.1	1.970	2.833	11.5	18.7
1 26	5 16.32	+31 25.8	2.068	2.842	14.4	19.0

395026 2009 CC_{45} 12 19.6 45°.88 7°.9/20.3 18

11 17	6 15.97	+ 2 43.6	1.682	2.492	15.9	21.1
11 27	6 10.34	+ 2 25.0	1.619	2.497	12.9	20.9
12 7	6 2.44	+ 2 25.2	1.578	2.501	9.9	20.7
12 17	5 53.12	+ 2 47.0	1.561	2.506	8.0	20.6
12 27	5 43.52	+ 3 30.6	1.572	2.510	8.5	20.7
1 6	5 34.84	+ 4 33.4	1.608	2.515	10.8	20.8
1 16	5 28.07	+ 5 50.8	1.670	2.520	13.8	21.0
1 26	5 23.91	+ 7 17.4	1.753	2.526	16.7	21.2

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
120566 1995 FB_6		12 19.6 317°38	1°1/19.6 18			
	h m	° ′			°	m
11 17	6 17.87	+25 15.1	1.402	2.256	16.1	20.5
11 27	6 12.61	+25 31.0	1.324	2.243	11.9	20.2
12 7	6 4.18	+25 45.5	1.268	2.231	7.0	19.9
12 17	5 53.54	+25 55.8	1.237	2.220	1.8	19.5
12 27	5 42.25	+25 59.8	1.233	2.208	4.3	19.7
1 6	5 32.05	+25 57.8	1.255	2.198	9.7	19.9
1 16	5 24.42	+25 51.9	1.301	2.188	14.5	20.2
1 26	5 20.32	+25 45.4	1.367	2.178	18.6	20.4
447178 2005 RO_{43}		12 19.6 335°20	1°8/18.8 17			
11 17	5 55.92	−11 35.7	17.782	18.468	2.3	19.9
11 27	5 54.46	−11 46.8	17.697	18.449	2.0	19.9
12 7	5 52.82	−11 54.8	17.637	18.430	1.9	19.9
12 17	5 51.08	−11 59.5	17.601	18.411	1.8	19.9
12 27	5 49.32	−12 0.7	17.591	18.393	1.8	19.9
1 6	5 47.62	−11 58.4	17.607	18.374	2.0	19.9
1 16	5 46.04	−11 52.8	17.646	18.355	2.2	19.9
1 26	5 44.68	−11 44.2	17.709	18.337	2.4	19.9
241596 1998 XM_2		12 19.6 61°71	12°0/16.5 16			
11 17	6 47.42	+16 42.8	0.719	1.570	27.4	18.7
11 27	6 32.71	+11 31.6	0.706	1.617	20.5	18.5
12 7	6 14.45	+ 6 38.3	0.717	1.663	14.4	18.4
12 17	5 55.34	+ 2 31.8	0.753	1.708	12.0	18.5
12 27	5 38.25	− 0 28.2	0.817	1.754	14.3	18.8
1 6	5 25.17	− 2 19.8	0.903	1.798	18.4	19.2
1 16	5 16.85	− 3 13.7	1.008	1.841	22.1	19.6
1 26	5 13.26	− 3 25.3	1.127	1.883	25.0	20.0
74335 1998 VS_{12}		12 19.6 74°07	0°1/19.6 18			
11 17	6 19.33	+22 50.4	1.709	2.549	14.3	19.0
11 27	6 12.76	+23 5.2	1.655	2.568	10.4	18.8
12 7	6 3.79	+23 20.3	1.625	2.587	6.0	18.6
12 17	5 53.39	+23 33.6	1.623	2.606	1.2	18.3
12 27	5 42.86	+23 43.9	1.649	2.625	3.5	18.5
1 6	5 33.51	+23 51.4	1.704	2.643	7.9	18.8
1 16	5 26.35	+23 57.1	1.785	2.662	11.8	19.1
1 26	5 22.01	+24 2.6	1.889	2.680	15.0	19.4
233500 2007 EV_{23}		12 19.6 294°38	0°2/19.6 18			
11 17	6 18.65	+22 52.0	1.467	2.317	15.7	20.7
11 27	6 13.11	+23 8.6	1.383	2.301	11.7	20.4
12 7	6 4.47	+23 26.9	1.321	2.285	6.8	20.1
12 17	5 53.61	+23 44.3	1.286	2.269	1.4	19.7
12 27	5 42.03	+23 58.8	1.277	2.253	4.1	19.9
1 6	5 31.39	+24 9.7	1.296	2.237	9.5	20.1
1 16	5 23.18	+24 18.3	1.338	2.222	14.4	20.4
1 26	5 18.40	+24 26.6	1.402	2.207	18.5	20.6
215491 2002 TY_{116}		12 19.6 56°10	2°3/19.9 17			
11 17	6 16.84	+31 15.4	2.211	3.040	11.9	20.0
11 27	6 10.68	+31 13.4	2.143	3.048	8.9	19.8
12 7	6 2.50	+31 4.4	2.101	3.056	5.5	19.6
12 17	5 53.12	+30 46.8	2.086	3.063	2.6	19.4
12 27	5 43.61	+30 20.4	2.101	3.071	3.6	19.5
1 6	5 35.03	+29 47.0	2.146	3.080	6.9	19.7
1 16	5 28.27	+29 9.6	2.217	3.088	10.0	19.9
1 26	5 23.89	+28 31.6	2.313	3.096	12.8	20.1
189965 2003 UB_{194}		12 19.6 127°17	1°0/19.6 18			
11 17	6 15.04	+20 3.9	2.468	3.297	10.8	20.9
11 27	6 9.12	+20 2.2	2.399	3.306	7.9	20.8
12 7	6 1.53	+20 2.1	2.355	3.314	4.6	20.6
12 17	5 52.93	+20 3.0	2.341	3.323	1.4	20.3
12 27	5 44.17	+20 4.9	2.357	3.331	2.9	20.5
1 6	5 36.11	+20 7.8	2.404	3.338	6.2	20.7
1 16	5 29.48	+20 12.2	2.478	3.346	9.2	20.9
1 26	5 24.82	+20 18.6	2.577	3.353	11.8	21.1
196485 2003 KG_{10}		12 19.6 216°45	0°4/19.6 18			
11 17	6 19.62	+23 52.0	1.727	2.567	14.2	21.0
11 27	6 13.26	+24 3.8	1.651	2.564	10.5	20.8
12 7	6 4.27	+24 15.0	1.599	2.560	6.1	20.5
12 17	5 53.54	+24 23.5	1.574	2.557	1.3	20.2
12 27	5 42.39	+24 28.2	1.578	2.553	3.6	20.4
1 6	5 32.23	+24 29.1	1.610	2.549	8.3	20.6
1 16	5 24.23	+24 27.8	1.668	2.545	12.5	20.9
1 26	5 19.19	+24 26.6	1.749	2.540	16.0	21.1
446578 2014 OJ_{204}		12 19.6 294°05	2°3/19.6 17			
11 17	6 18.18	+28 59.3	1.930	2.766	13.2	21.5
11 27	6 12.06	+29 24.7	1.856	2.765	9.7	21.3
12 7	6 3.51	+29 45.8	1.806	2.764	6.0	21.1
12 17	5 53.37	+29 59.4	1.784	2.763	2.6	20.8
12 27	5 42.88	+30 3.7	1.790	2.761	4.0	20.9
1 6	5 33.32	+29 59.0	1.826	2.760	7.8	21.2
1 16	5 25.77	+29 47.6	1.887	2.759	11.4	21.4
1 26	5 20.97	+29 32.9	1.972	2.759	14.6	21.6

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
139046 2001 EE_{13}		12 19.6 187°81	0°1/19.6 18			
	h m	° ′			°	m
11 17	6 24.66	+19 9.2	1.769	2.596	14.5	19.2
11 27	6 17.02	+20 24.4	1.690	2.596	10.7	19.0
12 7	6 6.54	+21 47.4	1.636	2.595	6.2	18.7
12 17	5 54.05	+23 13.2	1.611	2.594	1.3	18.4
12 27	5 40.89	+24 36.3	1.618	2.592	3.7	18.6
1 6	5 28.57	+25 52.3	1.655	2.590	8.5	18.8
1 16	5 18.40	+26 59.4	1.720	2.586	12.7	19.1
1 26	5 11.32	+27 58.0	1.808	2.583	16.2	19.3
394929 2008 WO_{92}		12 19.6 52°09	0°0/19.6 18			
11 17	6 22.93	+25 24.7	1.310	2.160	17.3	19.3
11 27	6 15.55	+24 50.2	1.275	2.192	12.5	19.1
12 7	6 5.34	+24 11.7	1.262	2.225	7.1	18.9
12 17	5 53.69	+23 29.4	1.274	2.257	1.5	18.6
12 27	5 42.33	+22 45.6	1.314	2.290	4.1	18.9
1 6	5 32.80	+22 3.9	1.381	2.323	9.1	19.2
1 16	5 26.11	+21 27.7	1.473	2.356	13.4	19.6
1 26	5 22.76	+20 59.1	1.586	2.388	16.9	19.9
403008 2007 VH_{298}		12 19.6 357°45	7°0/20.9 18			
11 17	6 13.76	+ 5 54.3	1.230	2.073	18.6	19.6
11 27	6 9.55	+ 6 14.9	1.165	2.068	14.7	19.3
12 7	6 2.38	+ 6 59.6	1.119	2.064	10.5	19.1
12 17	5 53.18	+ 8 9.8	1.097	2.062	7.4	18.9
12 27	5 43.44	+ 9 42.7	1.099	2.061	7.9	18.9
1 6	5 34.78	+11 32.0	1.127	2.061	11.5	19.1
1 16	5 28.54	+13 29.5	1.178	2.064	15.8	19.4
1 26	5 25.65	+15 28.2	1.249	2.067	19.6	19.6
317355 2002 LU_{64}		12 19.6 93°56	1°9/19.7 18			
11 17	6 15.42	+16 20.9	2.244	3.073	11.8	20.1
11 27	6 9.54	+16 35.1	2.178	3.083	8.7	19.9
12 7	6 1.84	+16 54.6	2.136	3.093	5.2	19.7
12 17	5 53.03	+17 18.5	2.124	3.103	2.2	19.5
12 27	5 44.01	+17 45.9	2.141	3.113	3.4	19.6
1 6	5 35.74	+18 15.8	2.189	3.123	6.8	19.9
1 16	5 28.99	+18 47.4	2.264	3.132	10.0	20.1
1 26	5 24.37	+19 20.0	2.363	3.142	12.7	20.3
256280 2006 WX_{104}		12 19.6 110°53	0°2/19.6 18			
11 17	6 17.70	+23 5.1	2.015	2.850	12.7	20.7
11 27	6 11.44	+23 20.6	1.948	2.859	9.2	20.5
12 7	6 3.03	+23 36.1	1.906	2.867	5.3	20.3
12 17	5 53.28	+23 50.0	1.892	2.875	1.1	20.0
12 27	5 43.30	+24 1.1	1.908	2.883	3.1	20.2
1 6	5 34.22	+24 9.4	1.953	2.891	7.2	20.5
1 16	5 26.97	+24 15.7	2.025	2.898	10.7	20.7
1 26	5 22.20	+24 21.4	2.121	2.906	13.8	20.9
388880 2008 RT_{62}		12 19.6 250°20	3°6/19.5 18			
11 17	6 17.90	+14 45.7	1.662	2.499	14.8	21.3
11 27	6 11.99	+14 28.9	1.584	2.492	11.2	21.1
12 7	6 3.55	+14 19.2	1.530	2.485	7.1	20.8
12 17	5 53.42	+14 17.5	1.502	2.478	3.8	20.6
12 27	5 42.85	+14 24.5	1.502	2.470	5.2	20.7
1 6	5 33.17	+14 39.9	1.530	2.462	9.2	20.9
1 16	5 25.54	+15 3.1	1.583	2.455	13.3	21.1
1 26	5 20.75	+15 32.7	1.658	2.447	16.8	21.3
281906 2011 CB_{77}		12 19.6 273°78	2°6/19.6 18			
11 17	6 14.13	+15 15.4	2.242	3.072	11.8	20.4
11 27	6 8.70	+15 12.9	2.163	3.067	8.8	20.2
12 7	6 1.42	+15 15.9	2.108	3.063	5.5	20.0
12 17	5 52.95	+15 24.6	2.082	3.058	2.8	19.8
12 27	5 44.20	+15 39.0	2.085	3.054	3.8	19.9
1 6	5 36.10	+15 58.4	2.118	3.049	7.1	20.1
1 16	5 29.47	+16 22.4	2.178	3.045	10.3	20.3
1 26	5 24.92	+16 50.0	2.261	3.040	13.2	20.5
307380 2002 SP_{54}		12 19.6 87°81	0°9/19.5 17			
11 17	6 19.86	+21 54.5	1.862	2.697	13.6	21.4
11 27	6 12.88	+21 37.7	1.809	2.720	9.9	21.2
12 7	6 3.76	+21 20.9	1.782	2.743	5.7	21.0
12 17	5 53.43	+21 3.7	1.783	2.765	1.4	20.8
12 27	5 43.10	+20 46.7	1.813	2.787	3.4	20.9
1 6	5 33.92	+20 31.1	1.873	2.809	7.5	21.2
1 16	5 26.78	+20 18.5	1.959	2.831	11.1	21.5
1 26	5 22.24	+20 10.0	2.068	2.852	14.1	21.8
19533 Garrison		12 19.6 150°26	1°1/19.5 18 R			
11 17	6 22.56	+21 5.7	1.681	2.516	14.8	19.0
11 27	6 15.23	+20 53.6	1.615	2.525	10.8	18.7
12 7	6 5.31	+20 42.3	1.573	2.533	6.3	18.5
12 17	5 53.79	+20 31.0	1.559	2.541	1.7	18.2
12 27	5 42.05	+20 19.9	1.574	2.548	3.9	18.4
1 6	5 31.48	+20 10.2	1.618	2.554	8.5	18.7
1 16	5 23.21	+20 3.3	1.688	2.560	12.6	18.9
1 26	5 17.92	+20 0.6	1.780	2.564	16.0	19.2

78183 2002 NA_{36} 12 19.6 147°.47 4°.5/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.34	+ 8 49.0	2.530	3.341	11.2	19.8
11 27	6 7.83	+ 8 22.4	2.459	3.345	8.7	19.7
12 7	6 0.80	+ 8 4.1	2.414	3.350	6.2	19.5
12 17	5 52.84	+ 7 55.7	2.397	3.354	4.6	19.4
12 27	5 44.71	+ 7 58.0	2.409	3.358	5.2	19.5
1 6	5 37.20	+ 8 10.9	2.451	3.362	7.4	19.6
1 16	5 30.97	+ 8 33.2	2.520	3.366	9.9	19.8
1 26	5 26.53	+ 9 3.3	2.612	3.369	12.2	20.0

192176 2007 ER_{149} 12 19.6 131°.94 3°.2/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.30	+14 51.2	1.736	2.568	14.5	20.7
11 27	6 12.76	+14 45.1	1.671	2.577	10.8	20.5
12 7	6 3.87	+14 46.3	1.631	2.585	6.8	20.2
12 17	5 53.50	+14 55.0	1.617	2.593	3.4	20.0
12 27	5 42.89	+15 10.8	1.633	2.601	4.7	20.1
1 6	5 33.30	+15 33.0	1.676	2.608	8.6	20.4
1 16	5 25.74	+16 0.6	1.746	2.615	12.4	20.6
1 26	5 20.90	+16 32.5	1.838	2.622	15.6	20.9

307449 2002 UW_{78} 12 19.6 79°.26 3°.6/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.17	+31 47.1	1.803	2.636	14.0	20.8
11 27	6 13.65	+32 20.8	1.738	2.643	10.5	20.6
12 7	6 4.48	+32 47.3	1.698	2.651	6.7	20.4
12 17	5 53.64	+33 2.6	1.684	2.659	3.8	20.2
12 27	5 42.51	+33 4.4	1.699	2.666	4.9	20.3
1 6	5 32.51	+32 53.7	1.743	2.674	8.4	20.5
1 16	5 24.80	+32 33.7	1.812	2.681	12.0	20.8
1 26	5 20.11	+32 9.0	1.903	2.689	15.1	21.0

300377 2007 RM_{145} 12 19.6 82°.72 8°.9/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.38	+45 18.0	1.753	2.549	15.9	20.3
11 27	6 19.44	+46 22.4	1.701	2.565	13.1	20.2
12 7	6 8.00	+47 7.7	1.671	2.580	10.5	20.0
12 17	5 54.38	+47 26.2	1.666	2.594	9.0	20.0
12 27	5 40.51	+47 14.4	1.687	2.609	9.3	20.0
1 6	5 28.36	+46 35.1	1.734	2.624	11.2	20.2
1 16	5 19.36	+45 35.8	1.805	2.639	13.7	20.4
1 26	5 14.27	+44 25.5	1.896	2.653	16.1	20.6

298591 2003 YE_{64} 12 19.6 349°.14 2°.4/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.53	+32 7.7	1.554	2.394	15.5	19.7
11 27	6 14.14	+31 31.6	1.480	2.391	11.6	19.5
12 7	6 4.83	+30 43.0	1.430	2.388	7.1	19.2
12 17	5 53.71	+29 40.3	1.405	2.385	2.9	18.9
12 27	5 42.39	+28 25.6	1.409	2.383	4.3	19.0
1 6	5 32.46	+27 4.2	1.441	2.381	8.9	19.3
1 16	5 25.12	+25 42.8	1.498	2.380	13.3	19.5
1 26	5 21.09	+24 27.5	1.578	2.379	17.0	19.8

272244 2005 QH_{124} 12 19.6 313°.94 4°.7/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.84	+33 19.7	1.428	2.270	16.6	20.5
11 27	6 15.64	+33 51.1	1.356	2.265	12.6	20.3
12 7	6 5.99	+34 12.7	1.307	2.260	8.3	20.0
12 17	5 54.01	+34 18.7	1.283	2.256	5.0	19.8
12 27	5 41.49	+34 6.0	1.285	2.252	6.1	19.9
1 6	5 30.36	+33 36.4	1.314	2.247	10.3	20.1
1 16	5 22.14	+32 55.4	1.366	2.244	14.6	20.4
1 26	5 17.74	+32 9.9	1.439	2.240	18.3	20.6

73946 1997 SD_{32} 12 19.6 312°.29 1°.8/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.22	+28 54.8	2.239	3.070	11.7	20.6
11 27	6 10.35	+29 5.2	2.162	3.069	8.7	20.4
12 7	6 2.43	+29 11.2	2.110	3.067	5.2	20.2
12 17	5 53.22	+29 10.6	2.086	3.066	2.1	20.0
12 27	5 43.74	+29 2.7	2.093	3.065	3.4	20.1
1 6	5 35.06	+28 48.3	2.128	3.063	6.8	20.3
1 16	5 28.08	+28 29.5	2.191	3.062	10.1	20.5
1 26	5 23.45	+28 8.9	2.277	3.061	13.0	20.7

312323 2008 CP_{135} 12 19.6 304°.09 2°.8/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.69	+16 28.3	1.791	2.631	13.8	21.1
11 27	6 10.27	+16 15.4	1.712	2.623	10.3	20.8
12 7	6 2.54	+16 7.7	1.657	2.615	6.4	20.6
12 17	5 53.27	+16 5.8	1.629	2.607	3.0	20.3
12 27	5 43.60	+16 10.0	1.629	2.599	4.4	20.4
1 6	5 34.75	+16 20.4	1.657	2.591	8.4	20.6
1 16	5 27.76	+16 36.6	1.710	2.584	12.3	20.9
1 26	5 23.38	+16 58.1	1.786	2.577	15.7	21.1

96357 1997 WE_5 12 19.6 281°.54 2°.0/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.60	+19 56.6	1.356	2.207	16.7	19.9
11 27	6 13.86	+19 36.6	1.278	2.196	12.4	19.6
12 7	6 4.93	+19 18.6	1.222	2.184	7.4	19.3
12 17	5 53.81	+19 2.7	1.191	2.173	2.5	18.9
12 27	5 42.07	+18 49.9	1.187	2.161	4.8	19.1
1 6	5 31.46	+18 41.2	1.209	2.150	10.2	19.3
1 16	5 23.41	+18 38.3	1.255	2.138	15.2	19.6
1 26	5 18.89	+18 42.2	1.321	2.127	19.4	19.8

188921 2007 BV_{66} 12 19.6 135°.70 1°.1/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.95	+20 11.7	2.151	2.985	12.0	20.7
11 27	6 10.07	+20 10.2	2.078	2.988	8.8	20.5
12 7	6 2.24	+20 10.4	2.031	2.991	5.1	20.2
12 17	5 53.19	+20 11.9	2.012	2.994	1.5	20.0
12 27	5 43.90	+20 14.5	2.023	2.997	3.2	20.1
1 6	5 35.39	+20 18.1	2.063	3.000	6.9	20.4
1 16	5 28.52	+20 23.4	2.131	3.002	10.4	20.6
1 26	5 23.90	+20 30.9	2.222	3.005	13.3	20.8

516861 2011 FJ_{11} 12 19.6 265°.38 0°.5/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.50	+24 40.7	1.606	2.448	15.0	22.2
11 27	6 14.29	+24 41.4	1.518	2.432	11.1	21.9
12 7	6 5.11	+24 40.1	1.454	2.416	6.5	21.6
12 17	5 53.87	+24 34.8	1.416	2.399	1.5	21.3
12 27	5 41.98	+24 24.4	1.407	2.382	3.9	21.4
1 6	5 31.04	+24 10.1	1.425	2.365	9.0	21.6
1 16	5 22.42	+23 54.4	1.469	2.348	13.7	21.9
1 26	5 17.05	+23 40.2	1.534	2.330	17.6	22.1

486513 2013 GW_{118} 12 19.6 234°.57 2°.2/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.46	+28 54.9	1.953	2.788	13.1	22.0
11 27	6 12.27	+29 12.9	1.878	2.786	9.7	21.8
12 7	6 3.67	+29 26.3	1.827	2.784	5.9	21.6
12 17	5 53.53	+29 32.2	1.803	2.782	2.5	21.4
12 27	5 43.03	+29 29.2	1.809	2.781	3.9	21.5
1 6	5 33.47	+29 18.1	1.843	2.779	7.7	21.7
1 16	5 25.90	+29 1.2	1.904	2.777	11.3	21.9
1 26	5 21.05	+28 42.0	1.988	2.775	14.5	22.1

225786 2001 UP_8 12 19.6 358°.87 1°.3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.83	+20 11.2	1.013	1.890	18.9	19.3
11 27	6 9.49	+20 17.7	0.954	1.885	14.0	19.0
12 7	6 2.62	+20 29.7	0.914	1.881	8.2	18.7
12 17	5 53.36	+20 46.0	0.897	1.880	2.2	18.3
12 27	5 43.55	+21 5.1	0.903	1.880	5.0	18.5
1 6	5 35.18	+21 26.0	0.932	1.882	11.0	18.8
1 16	5 29.81	+21 48.3	0.982	1.886	16.4	19.1
1 26	5 28.36	+22 12.1	1.050	1.891	20.9	19.4

20584 Brigidsavage 12 19.6 98°.43 0°.4/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.57	+21 50.3	2.129	2.963	12.1	19.1
11 27	6 10.52	+21 57.3	2.063	2.973	8.8	18.9
12 7	6 2.50	+22 5.1	2.021	2.982	5.1	18.7
12 17	5 53.27	+22 12.6	2.009	2.991	1.1	18.5
12 27	5 43.84	+22 19.1	2.026	3.001	3.0	18.6
1 6	5 35.26	+22 24.7	2.073	3.010	6.8	18.9
1 16	5 28.37	+22 30.1	2.147	3.019	10.2	19.1
1 26	5 23.78	+22 36.1	2.244	3.028	13.1	19.3

47885 2000 FB_{42} 12 19.6 345°.92 3°.7/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.43	+12 34.9	2.096	2.925	12.5	18.9
11 27	6 8.29	+12 24.1	2.020	2.922	9.5	18.7
12 7	6 1.26	+12 21.1	1.970	2.920	6.2	18.5
12 17	5 53.02	+12 26.7	1.946	2.918	3.8	18.3
12 27	5 44.51	+12 41.2	1.952	2.916	4.7	18.4
1 6	5 36.70	+13 4.0	1.986	2.914	7.8	18.6
1 16	5 30.41	+13 33.9	2.047	2.913	11.0	18.8
1 26	5 26.29	+14 9.4	2.131	2.912	13.8	19.0

418585 2008 SJ_{217} 12 19.6 143°.88 1°.0/19.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.15	+21 20.4	2.380	3.211	11.1	21.7
11 27	6 9.31	+20 57.4	2.305	3.213	8.1	21.5
12 7	6 1.74	+20 34.2	2.256	3.216	4.7	21.3
12 17	5 53.11	+20 11.1	2.236	3.218	1.4	21.1
12 27	5 44.31	+19 48.8	2.247	3.220	3.0	21.2
1 6	5 36.25	+19 28.4	2.287	3.222	6.4	21.4
1 16	5 29.67	+19 11.3	2.356	3.224	9.6	21.6
1 26	5 25.14	+18 58.3	2.448	3.226	12.3	21.8

23844 Raghvendra 12 19.6 171°.57 2°.8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.54	+15 3.6	1.883	2.708	13.8	19.2
11 27	6 13.64	+15 8.5	1.810	2.712	10.3	19.0
12 7	6 4.42	+15 20.4	1.761	2.715	6.4	18.8
12 17	5 53.71	+15 38.8	1.741	2.718	3.0	18.6
12 27	5 42.68	+16 3.1	1.750	2.720	4.3	18.7
1 6	5 32.53	+16 32.1	1.789	2.721	8.2	18.9
1 16	5 24.30	+17 4.7	1.855	2.721	11.9	19.1
1 26	5 18.69	+17 40.3	1.944	2.721	15.1	19.4

505658 2014 SU_{350} 12 19.6 55°.74 17°.6/17.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.39	− 5 50.4	1.092	1.897	23.0	21.2
11 27	6 13.58	− 8 42.8	1.055	1.905	20.4	21.0
12 7	6 4.63	−11 2.3	1.037	1.914	18.4	20.9
12 17	5 53.76	−12 35.6	1.038	1.923	17.6	20.9
12 27	5 42.69	−13 14.7	1.060	1.932	18.2	21.0
1 6	5 33.15	−13 1.3	1.099	1.942	20.0	21.1
1 16	5 26.42	−12 3.5	1.156	1.952	22.2	21.3
1 26	5 23.25	−10 33.4	1.226	1.962	24.4	21.5

356131 2009 FM_{55} 12 19.6 4.°57 0.°3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.77	+21 16.1	1.480	2.332	15.5	20.2
11 27	6 11.52	+21 39.9	1.413	2.332	11.4	20.0
12 7	6 3.46	+22 7.1	1.369	2.332	6.6	19.7
12 17	5 53.54	+22 35.3	1.350	2.333	1.4	19.4
12 27	5 43.20	+23 2.3	1.358	2.334	3.9	19.6
1 6	5 33.94	+23 27.1	1.394	2.337	8.9	19.9
1 16	5 27.01	+23 49.5	1.454	2.339	13.4	20.1
1 26	5 23.23	+24 10.7	1.535	2.343	17.1	20.4

224456 2005 VA_{28} 12 19.6 342.°08 3.°1/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.78	+13 24.8	2.053	2.883	12.7	19.8
11 27	6 9.34	+13 32.7	1.978	2.881	9.6	19.6
12 7	6 1.91	+13 48.6	1.926	2.879	6.1	19.4
12 17	5 53.19	+14 12.8	1.903	2.877	3.3	19.2
12 27	5 44.16	+14 44.3	1.908	2.876	4.3	19.3
1 6	5 35.83	+15 21.9	1.943	2.875	7.6	19.5
1 16	5 29.10	+16 4.0	2.005	2.874	11.0	19.7
1 26	5 24.62	+16 49.0	2.089	2.873	14.0	19.9

268264 2005 NS_{124} 12 19.6 164.°21 6.°3/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.34	+ 8 50.7	1.556	2.384	16.1	20.9
11 27	6 12.34	+ 8 19.5	1.489	2.385	12.6	20.7
12 7	6 3.79	+ 8 1.6	1.444	2.386	8.9	20.5
12 17	5 53.60	+ 7 59.4	1.425	2.387	6.4	20.4
12 27	5 43.07	+ 8 14.4	1.433	2.388	7.3	20.4
1 6	5 33.56	+ 8 45.5	1.468	2.389	10.6	20.6
1 16	5 26.18	+ 9 29.8	1.527	2.390	14.2	20.8
1 26	5 21.68	+10 23.9	1.607	2.390	17.5	21.0

194880 2002 AK_{72} 12 19.6 334.°86 1.°0/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.21	+25 19.6	1.316	2.175	16.7	20.1
11 27	6 12.29	+25 29.7	1.243	2.165	12.3	19.8
12 7	6 4.12	+25 37.9	1.191	2.155	7.3	19.5
12 17	5 53.71	+25 41.5	1.164	2.147	1.9	19.1
12 27	5 42.70	+25 38.9	1.163	2.139	4.4	19.3
1 6	5 32.89	+25 31.0	1.187	2.131	9.9	19.6
1 16	5 25.76	+25 20.2	1.235	2.125	14.8	19.8
1 26	5 22.24	+25 9.8	1.302	2.120	19.0	20.1

111839 2002 EU_{21} 12 19.6 176.°22 0.°3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.80	+23 18.6	2.005	2.837	12.9	20.1
11 27	6 13.11	+23 37.3	1.930	2.839	9.4	19.9
12 7	6 4.13	+23 56.0	1.880	2.840	5.5	19.7
12 17	5 53.67	+24 12.7	1.858	2.841	1.2	19.4
12 27	5 42.87	+24 26.0	1.867	2.842	3.2	19.5
1 6	5 32.94	+24 35.7	1.905	2.842	7.4	19.8
1 16	5 24.88	+24 42.7	1.971	2.841	11.1	20.0
1 26	5 19.42	+24 48.7	2.059	2.840	14.2	20.2

58568 1997 QM_{1} 12 19.6 16.°93 5.°3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.72	+33 1.6	1.294	2.143	17.5	19.4
11 27	6 15.03	+33 54.0	1.234	2.146	13.3	19.2
12 7	6 5.74	+34 37.3	1.196	2.150	8.8	18.9
12 17	5 54.06	+35 4.3	1.182	2.154	5.5	18.8
12 27	5 41.88	+35 10.9	1.193	2.158	6.7	18.9
1 6	5 31.26	+34 58.1	1.230	2.164	10.8	19.1
1 16	5 23.73	+34 31.3	1.290	2.170	15.1	19.4
1 26	5 20.20	+33 57.4	1.369	2.176	18.8	19.6

223876 2004 TT_{366} 12 19.6 33.°35 0.°6/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.57	+21 24.3	1.851	2.694	13.3	20.8
11 27	6 10.06	+21 28.0	1.787	2.701	9.7	20.6
12 7	6 2.36	+21 33.2	1.747	2.708	5.6	20.3
12 17	5 53.29	+21 38.8	1.734	2.716	1.3	20.0
12 27	5 44.01	+21 44.2	1.749	2.725	3.3	20.2
1 6	5 35.66	+21 49.6	1.794	2.733	7.5	20.5
1 16	5 29.19	+21 55.5	1.864	2.742	11.3	20.7
1 26	5 25.26	+22 2.8	1.957	2.752	14.4	21.0

44101 1998 FT_{121} 12 19.6 187.°70 3.°0/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.49	+16 10.9	1.766	2.597	14.4	19.0
11 27	6 13.75	+15 50.6	1.691	2.597	10.7	18.8
12 7	6 4.56	+15 35.3	1.641	2.596	6.7	18.5
12 17	5 53.79	+15 25.7	1.618	2.595	3.3	18.3
12 27	5 42.68	+15 22.4	1.624	2.593	4.7	18.4
1 6	5 32.53	+15 25.8	1.659	2.590	8.7	18.7
1 16	5 24.40	+15 36.0	1.720	2.587	12.6	18.9
1 26	5 19.05	+15 52.5	1.803	2.583	16.0	19.1

447166 2005 KH_{3} 12 19.6 142.°06 1.°5/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.30	+26 23.8	1.966	2.799	13.0	21.4
11 27	6 12.84	+26 54.1	1.895	2.804	9.6	21.2
12 7	6 4.02	+27 22.4	1.849	2.808	5.7	20.9
12 17	5 53.68	+27 45.7	1.831	2.812	1.9	20.7
12 27	5 43.01	+28 1.9	1.843	2.816	3.6	20.8
1 6	5 33.25	+28 10.9	1.884	2.819	7.5	21.1
1 16	5 25.46	+28 14.1	1.952	2.823	11.2	21.3
1 26	5 20.33	+28 13.9	2.042	2.826	14.2	21.5

35242 1995 SJ_{52} 12 19.6 15.°11 1.°3/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.52	+26 21.4	1.677	2.523	14.3	19.1
11 27	6 11.07	+26 31.3	1.611	2.526	10.5	18.9
12 7	6 3.08	+26 38.2	1.568	2.530	6.1	18.7
12 17	5 53.48	+26 40.0	1.551	2.534	1.8	18.4
12 27	5 43.59	+26 35.7	1.563	2.538	3.7	18.5
1 6	5 34.78	+26 26.2	1.603	2.543	8.1	18.8
1 16	5 28.13	+26 13.6	1.667	2.549	12.2	19.1
1 26	5 24.38	+26 0.7	1.754	2.555	15.5	19.3

522107 2016 AF_{216} 12 19.6 23.°02 10.°9/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.32	− 5 29.2	1.862	2.638	15.9	20.1
11 27	6 7.54	− 6 29.9	1.810	2.646	13.8	20.0
12 7	6 0.84	− 7 8.3	1.778	2.654	11.9	19.9
12 17	5 52.99	− 7 19.6	1.770	2.663	10.9	19.9
12 27	5 44.96	− 7 1.8	1.786	2.673	11.2	19.9
1 6	5 37.77	− 6 16.7	1.826	2.683	12.5	20.0
1 16	5 32.23	− 5 8.6	1.888	2.693	14.4	20.1
1 26	5 28.92	− 3 43.9	1.971	2.704	16.3	20.3

135979 Allam 12 19.6 103.°48 7.°7/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.03	+ 2 32.0	1.950	2.750	14.4	20.1
11 27	6 10.11	+ 1 45.9	1.893	2.762	11.7	19.9
12 7	6 2.27	+ 1 15.2	1.859	2.773	9.2	19.8
12 17	5 53.29	+ 1 3.4	1.850	2.785	7.8	19.7
12 27	5 44.15	+ 1 12.0	1.869	2.796	8.3	19.8
1 6	5 35.88	+ 1 39.8	1.915	2.807	10.2	19.9
1 16	5 29.30	+ 2 24.1	1.986	2.818	12.7	20.1
1 26	5 24.98	+ 3 20.5	2.079	2.829	15.1	20.3

216050 2006 OA_{15} 12 19.6 138.°62 0.°4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.36	+21 7.4	1.662	2.497	15.0	21.0
11 27	6 15.95	+21 31.4	1.599	2.509	10.9	20.8
12 7	6 5.86	+21 57.8	1.559	2.520	6.3	20.6
12 17	5 54.07	+22 24.1	1.548	2.531	1.4	20.3
12 27	5 41.99	+22 48.1	1.566	2.541	3.7	20.4
1 6	5 31.07	+23 9.0	1.612	2.550	8.4	20.7
1 16	5 22.47	+23 27.4	1.685	2.558	12.5	21.0
1 26	5 16.95	+23 44.8	1.781	2.566	16.0	21.3

198679 2005 CM_{6} 12 19.6 227.°48 3.°0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.20	+33 25.3	2.466	3.286	11.1	20.1
11 27	6 11.01	+33 37.9	2.386	3.283	8.4	20.0
12 7	6 2.84	+33 43.2	2.331	3.280	5.5	19.8
12 17	5 53.42	+33 38.8	2.305	3.277	3.2	19.6
12 27	5 43.75	+33 23.7	2.309	3.274	4.0	19.7
1 6	5 34.85	+32 59.0	2.342	3.270	6.7	19.8
1 16	5 27.61	+32 27.3	2.403	3.267	9.7	20.0
1 26	5 22.65	+31 52.2	2.489	3.263	12.2	20.2

475950 2007 FE_{1} 12 19.6 257.°72 3.°9/19.4 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.90	+31 53.4	1.989	2.798	13.8	23.2
11 27	6 22.14	+32 42.5	1.871	2.764	10.6	22.9
12 7	6 9.96	+33 27.1	1.779	2.727	7.0	22.6
12 17	5 55.07	+34 0.6	1.716	2.688	4.1	22.4
12 27	5 38.89	+34 17.5	1.685	2.648	5.4	22.4
1 6	5 23.20	+34 16.3	1.684	2.605	9.4	22.5
1 16	5 9.69	+33 59.9	1.711	2.560	13.6	22.7
1 26	4 59.62	+33 34.4	1.761	2.514	17.4	22.8

435629 2008 SS_{128} 12 19.6 86.°48 0.°3/19.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.92	+24 33.0	1.630	2.469	15.0	21.8
11 27	6 14.75	+24 30.9	1.578	2.490	10.9	21.6
12 7	6 5.04	+24 26.5	1.550	2.512	6.3	21.3
12 17	5 53.87	+24 18.4	1.550	2.533	1.4	21.1
12 27	5 42.66	+24 6.4	1.578	2.553	3.6	21.3
1 6	5 32.79	+23 51.9	1.635	2.574	8.2	21.6
1 16	5 25.31	+23 37.3	1.717	2.594	12.2	21.9
1 26	5 20.82	+23 24.9	1.822	2.613	15.4	22.1

26093 1987 UA_{1} 12 19.6 72.°72 4.°5/19.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.60	+16 12.2	1.418	2.261	16.6	17.2
11 27	6 13.92	+15 3.1	1.366	2.277	12.4	17.0
12 7	6 4.61	+13 58.6	1.337	2.293	7.9	16.8
12 17	5 53.78	+13 2.6	1.335	2.308	4.6	16.6
12 27	5 42.92	+12 18.6	1.360	2.324	6.1	16.8
1 6	5 33.47	+11 49.0	1.411	2.340	10.2	17.0
1 16	5 26.48	+11 34.1	1.487	2.356	14.2	17.3
1 26	5 22.57	+11 32.9	1.584	2.372	17.5	17.6

486492 2013 GY_{93} 12 19.6 328.°49 8.°2/19.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.52	+40 31.1	1.606	2.429	16.0	20.7
11 27	6 15.67	+41 50.0	1.532	2.419	12.9	20.5
12 7	6 6.24	+42 56.1	1.480	2.409	10.0	20.3
12 17	5 54.24	+43 40.8	1.453	2.400	8.3	20.2
12 27	5 41.42	+43 57.9	1.452	2.391	9.0	20.2
1 6	5 29.82	+43 47.3	1.476	2.383	11.6	20.3
1 16	5 21.11	+43 14.3	1.524	2.375	14.9	20.5
1 26	5 16.36	+42 27.1	1.591	2.368	17.9	20.7

487833 2015 TC_{77} 12 19.6 312°.34 0°.0/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.10	+23 5.8	1.897	2.736	13.2	21.6
11 27	6 11.26	+23 11.7	1.823	2.735	9.6	21.4
12 7	6 3.12	+23 17.5	1.772	2.734	5.6	21.2
12 17	5 53.51	+23 21.9	1.749	2.732	1.2	20.9
12 27	5 43.56	+23 24.0	1.756	2.731	3.3	21.0
1 6	5 34.49	+23 24.2	1.791	2.730	7.6	21.3
1 16	5 27.32	+23 23.7	1.852	2.729	11.4	21.5
1 26	5 22.75	+23 23.8	1.936	2.727	14.7	21.7

393491 2002 PA_{192} 12 19.6 124°.21 6°.5/19.7 18

11 17	6 16.77	+ 5 21.0	2.034	2.839	13.7	21.9
11 27	6 10.60	+ 4 44.4	1.973	2.851	10.9	21.7
12 7	6 2.54	+ 4 20.6	1.937	2.863	8.2	21.6
12 17	5 53.36	+ 4 12.4	1.927	2.874	6.5	21.5
12 27	5 44.03	+ 4 20.7	1.946	2.884	7.1	21.6
1 6	5 35.54	+ 4 44.9	1.992	2.895	9.3	21.7
1 16	5 28.69	+ 5 22.6	2.065	2.905	12.0	21.9
1 26	5 24.07	+ 6 10.5	2.159	2.914	14.5	22.1

484251 2007 FA_{46} 12 19.6 191°.81 3°.4/19.5 18

11 17	6 19.01	+35 26.1	3.162	3.965	9.4	22.4
11 27	6 12.09	+36 10.6	3.079	3.963	7.2	22.3
12 7	6 3.41	+36 48.9	3.022	3.960	5.0	22.1
12 17	5 53.56	+37 18.0	2.995	3.956	3.5	22.0
12 27	5 43.38	+37 35.8	3.000	3.952	4.1	22.0
1 6	5 33.74	+37 42.2	3.036	3.948	6.1	22.2
1 16	5 25.44	+37 38.8	3.101	3.943	8.3	22.3
1 26	5 19.07	+37 28.1	3.190	3.937	10.4	22.5

192136 2006 DS_{160} 12 19.6 86°.66 3°.1/19.6 17

11 17	6 14.41	+14 18.0	2.216	3.044	12.0	21.0
11 27	6 8.88	+14 3.0	2.147	3.049	8.9	20.8
12 7	6 1.57	+13 53.9	2.102	3.055	5.7	20.6
12 17	5 53.16	+13 51.3	2.086	3.060	3.2	20.4
12 27	5 44.56	+13 55.7	2.100	3.065	4.2	20.5
1 6	5 36.68	+14 6.7	2.142	3.071	7.2	20.7
1 16	5 30.31	+14 23.9	2.211	3.076	10.3	20.9
1 26	5 26.01	+14 46.4	2.304	3.081	13.0	21.1

85577 1998 DC_{2} 12 19.6 36°.13 1°.6/19.7 18

11 17	6 13.50	+28 16.1	2.499	3.331	10.6	18.8
11 27	6 8.14	+28 32.6	2.438	3.345	7.8	18.6
12 7	6 1.10	+28 45.5	2.403	3.360	4.7	18.4
12 17	5 53.06	+28 53.3	2.396	3.376	1.8	18.3
12 27	5 44.88	+28 55.3	2.419	3.391	3.0	18.4
1 6	5 37.44	+28 51.7	2.472	3.407	6.0	18.6
1 16	5 31.48	+28 44.0	2.552	3.423	8.9	18.8
1 26	5 27.51	+28 34.1	2.657	3.440	11.3	19.0

267160 2000 GR_{171} 12 19.6 217°.52 7°.9/19.3 18

11 17	6 12.25	− 8 15.9	3.200	3.926	10.9	22.0
11 27	6 6.91	− 8 56.9	3.121	3.917	9.6	21.9
12 7	6 0.30	− 9 23.2	3.065	3.907	8.5	21.8
12 17	5 52.90	− 9 32.0	3.035	3.897	7.9	21.7
12 27	5 45.29	− 9 21.8	3.032	3.886	8.1	21.7
1 6	5 38.09	− 8 53.0	3.055	3.875	9.1	21.8
1 16	5 31.87	− 8 7.4	3.103	3.863	10.4	21.9
1 26	5 27.08	− 7 8.1	3.174	3.851	11.7	22.0

113222 2002 RW_{120} 12 19.6 150°.11 1°.3/19.7 18

11 17	6 19.55	+26 53.6	2.022	2.853	12.8	20.5
11 27	6 12.92	+27 6.9	1.951	2.859	9.4	20.3
12 7	6 4.03	+27 16.8	1.905	2.864	5.5	20.0
12 17	5 53.70	+27 21.3	1.887	2.868	1.8	19.8
12 27	5 43.12	+27 19.2	1.899	2.873	3.4	19.9
1 6	5 33.48	+27 11.1	1.941	2.877	7.3	20.2
1 16	5 25.77	+26 59.3	2.009	2.881	10.9	20.4
1 26	5 20.66	+26 46.2	2.101	2.884	13.9	20.6

501647 2014 SD_{224} 12 19.6 279°.31 28°.9/ 4.2 17

11 17	6 45.76	+38 16.0	0.244	1.170	37.8	21.1
11 27	6 52.67	+40 36.1	0.176	1.129	33.5	20.2
12 7	6 52.13	+44 39.4	0.113	1.082	29.3	19.0
12 17	6 24.20	+55 19.0	0.055	1.031	31.4	17.4
12 27	20 48.15	+32 16.0	0.021	0.975	113.4	18.3
1 6	19 39.83	−20 1.0	0.068	0.916	171.5	35.1
1 16	19 28.13	−27 24.1	0.131	0.855	170.5	35.0
1 26	19 26.14	−29 21.7	0.203	0.795	156.7	28.3

373376 2012 LG_{23} 12 19.6 153°.61 1°.5/19.7 18

11 17	6 14.64	+17 29.6	2.537	3.362	10.7	21.0
11 27	6 8.93	+17 40.3	2.461	3.366	7.9	20.8
12 7	6 1.57	+17 54.7	2.412	3.369	4.7	20.7
12 17	5 53.18	+18 12.3	2.392	3.372	1.8	20.5
12 27	5 44.56	+18 32.4	2.403	3.375	3.0	20.5
1 6	5 36.55	+18 54.4	2.444	3.377	6.1	20.8
1 16	5 29.87	+19 17.8	2.513	3.380	9.1	21.0
1 26	5 25.09	+19 42.6	2.607	3.382	11.7	21.1

204770 2006 KB_{10} 12 19.6 137°.91 0°.8/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.43	+25 24.1	2.751	3.576	10.0	21.0
11 27	6 9.43	+25 42.1	2.679	3.584	7.3	20.8
12 7	6 1.83	+25 58.6	2.633	3.592	4.2	20.7
12 17	5 53.24	+26 12.2	2.618	3.600	1.2	20.4
12 27	5 44.45	+26 21.9	2.633	3.607	2.5	20.6
1 6	5 36.31	+26 27.8	2.680	3.614	5.6	20.8
1 16	5 29.49	+26 30.5	2.754	3.621	8.5	21.0
1 26	5 24.55	+26 31.6	2.854	3.628	10.9	21.2

258061 2001 OV_{50} 12 19.6 83°.16 1°.2/19.7 18

11 17	6 18.75	+18 25.7	1.903	2.736	13.4	20.5
11 27	6 12.23	+18 48.2	1.847	2.755	9.8	20.3
12 7	6 3.56	+19 15.0	1.815	2.774	5.7	20.1
12 17	5 53.60	+19 44.5	1.812	2.794	1.7	19.8
12 27	5 43.49	+20 15.0	1.839	2.813	3.4	20.0
1 6	5 34.37	+20 45.4	1.895	2.832	7.4	20.3
1 16	5 27.15	+21 15.1	1.978	2.850	11.0	20.5
1 26	5 22.45	+21 44.3	2.084	2.869	14.0	20.8

138391 2000 GK_{177} 12 19.6 112°.73 2°.1/19.6 18

11 17	6 17.30	+17 42.2	1.920	2.754	13.2	20.5
11 27	6 11.22	+17 32.0	1.853	2.761	9.8	20.3
12 7	6 3.02	+17 25.6	1.810	2.768	5.9	20.1
12 17	5 53.50	+17 23.1	1.796	2.775	2.4	19.9
12 27	5 43.76	+17 24.8	1.810	2.782	3.9	20.0
1 6	5 34.93	+17 30.6	1.854	2.788	7.7	20.2
1 16	5 27.92	+17 40.6	1.923	2.795	11.3	20.5
1 26	5 23.38	+17 54.7	2.016	2.801	14.4	20.7

335277 2005 NH_{58} 12 19.6 212°.84 0°.6/19.6 18

11 17	6 21.31	+22 58.7	1.690	2.528	14.6	21.7
11 27	6 14.58	+22 39.8	1.612	2.523	10.7	21.4
12 7	6 5.15	+22 19.1	1.557	2.518	6.3	21.2
12 17	5 53.98	+21 56.2	1.530	2.513	1.4	20.8
12 27	5 42.42	+21 31.6	1.532	2.507	3.8	21.0
1 6	5 31.91	+21 7.1	1.562	2.500	8.6	21.2
1 16	5 23.62	+20 45.2	1.619	2.493	12.9	21.5
1 26	5 18.35	+20 28.2	1.697	2.486	16.5	21.7

451277 2010 RR_{70} 12 19.6 110°.17 2°.1/19.7 18

11 17	6 18.96	+28 55.8	2.001	2.834	12.9	21.4
11 27	6 12.54	+29 13.3	1.933	2.840	9.5	21.2
12 7	6 3.82	+29 25.9	1.890	2.847	5.8	21.0
12 17	5 53.68	+29 31.2	1.874	2.853	2.4	20.8
12 27	5 43.29	+29 27.7	1.888	2.860	3.7	20.9
1 6	5 33.88	+29 16.5	1.931	2.866	7.4	21.2
1 16	5 26.43	+28 59.9	2.001	2.872	10.9	21.4
1 26	5 21.63	+28 41.1	2.094	2.878	13.9	21.6

246571 2008 TE_{59} 12 19.6 300°.67 3°.4/19.6 18

11 17	6 20.19	+29 45.7	1.536	2.380	15.5	20.5
11 27	6 14.33	+30 26.4	1.459	2.370	11.6	20.2
12 7	6 5.30	+31 2.6	1.403	2.361	7.3	19.9
12 17	5 54.06	+31 29.2	1.374	2.352	3.7	19.7
12 27	5 42.16	+31 42.5	1.372	2.342	5.2	19.8
1 6	5 31.34	+31 42.2	1.398	2.333	9.6	20.0
1 16	5 23.05	+31 31.5	1.447	2.325	13.9	20.2
1 26	5 18.27	+31 14.9	1.517	2.316	17.7	20.5

168566 1999 XE_{94} 12 19.6 301°.04 3°.0/20.1 18

11 17	6 18.05	+13 5.1	1.672	2.506	14.9	19.0
11 27	6 12.47	+13 42.2	1.578	2.484	11.3	18.8
12 7	6 4.16	+14 32.9	1.507	2.462	7.2	18.5
12 17	5 53.83	+15 36.2	1.462	2.440	3.4	18.2
12 27	5 42.68	+16 49.3	1.447	2.418	4.7	18.2
1 6	5 32.14	+18 8.3	1.460	2.397	9.1	18.4
1 16	5 23.51	+19 29.3	1.499	2.375	13.6	18.6
1 26	5 17.82	+20 49.6	1.560	2.355	17.5	18.8

56526 2000 HP_{35} 12 19.7 74°.71 2°.9/19.8 18

11 17	6 20.17	+15 23.8	1.459	2.301	16.3	18.7
11 27	6 13.75	+15 35.1	1.406	2.316	12.1	18.5
12 7	6 4.63	+15 55.3	1.374	2.332	7.4	18.3
12 17	5 53.86	+16 23.3	1.369	2.348	3.3	18.1
12 27	5 42.89	+16 57.4	1.391	2.363	4.7	18.2
1 6	5 33.18	+17 35.6	1.441	2.379	9.2	18.5
1 16	5 25.86	+18 16.3	1.516	2.394	13.4	18.8
1 26	5 21.64	+18 58.5	1.613	2.410	16.8	19.0

128568 2004 PK_{94} 12 19.7 35°.21 5°.2/19.7 18

11 17	6 16.92	+12 24.1	1.312	2.160	17.3	19.5
11 27	6 11.58	+11 56.3	1.259	2.170	13.2	19.3
12 7	6 3.46	+11 40.2	1.228	2.181	8.7	19.0
12 17	5 53.64	+11 37.8	1.220	2.192	5.5	18.9
12 27	5 43.60	+11 49.9	1.239	2.204	6.6	19.0
1 6	5 34.85	+12 15.3	1.283	2.216	10.5	19.2
1 16	5 28.54	+12 51.5	1.351	2.229	14.6	19.5
1 26	5 25.39	+13 35.7	1.438	2.243	18.2	19.8

336653 2009 WS_{263} 12 19.7 17°.83 2°.5/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.10	+27 32.7	1.141	2.006	18.2	20.5
11 27	6 13.16	+27 59.2	1.088	2.011	13.5	20.3
12 7	6 4.69	+28 21.3	1.054	2.018	8.1	20.0
12 17	5 53.93	+28 34.7	1.044	2.025	3.0	19.7
12 27	5 42.81	+28 36.8	1.059	2.034	5.1	19.9
1 6	5 33.31	+28 28.8	1.099	2.043	10.4	20.2
1 16	5 26.90	+28 14.3	1.160	2.054	15.3	20.5
1 26	5 24.39	+27 57.8	1.241	2.066	19.4	20.8

113390 Helvetia 12 19.7 123°.23 2°.2/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.11	+29 58.8	1.738	2.567	14.7	19.7
11 27	6 17.13	+29 58.5	1.679	2.583	10.8	19.5
12 7	6 6.47	+29 50.5	1.643	2.600	6.6	19.3
12 17	5 54.26	+29 32.2	1.635	2.615	2.6	19.0
12 27	5 41.97	+29 3.4	1.658	2.630	4.1	19.2
1 6	5 31.08	+28 26.9	1.709	2.644	8.2	19.4
1 16	5 22.66	+27 46.9	1.786	2.657	12.1	19.7
1 26	5 17.37	+27 7.8	1.887	2.670	15.3	20.0

464832 2005 BG_{26} 12 19.7 305°.36 6°.1/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.43	+40 47.4	2.082	2.891	13.3	20.6
11 27	6 14.13	+41 9.1	1.986	2.866	10.7	20.4
12 7	6 5.03	+41 17.2	1.912	2.842	8.0	20.1
12 17	5 54.02	+41 6.7	1.866	2.818	6.2	20.0
12 27	5 42.46	+40 35.1	1.847	2.794	6.7	20.0
1 6	5 31.84	+39 43.8	1.856	2.770	9.1	20.1
1 16	5 23.45	+38 37.9	1.890	2.746	12.2	20.2
1 26	5 18.14	+37 23.9	1.948	2.723	15.2	20.4

429518 2011 BG_{48} 12 19.7 213°.76 0°.4/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.36	+23 14.8	1.747	2.583	14.3	21.8
11 27	6 14.59	+23 2.6	1.667	2.577	10.5	21.5
12 7	6 5.18	+22 48.8	1.610	2.571	6.1	21.3
12 17	5 54.04	+22 32.5	1.582	2.565	1.4	20.9
12 27	5 42.48	+22 13.8	1.583	2.558	3.6	21.1
1 6	5 31.93	+21 54.2	1.612	2.550	8.4	21.3
1 16	5 23.53	+21 36.0	1.668	2.542	12.6	21.6
1 26	5 18.10	+21 21.5	1.746	2.533	16.2	21.8

47013 1998 UZ_{27} 12 19.7 202°.51 2°.6/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.15	+15 55.6	2.046	2.875	12.8	18.4
11 27	6 11.12	+15 50.2	1.968	2.873	9.5	18.2
12 7	6 3.01	+15 50.0	1.915	2.870	5.9	18.0
12 17	5 53.56	+15 55.3	1.890	2.867	2.8	17.8
12 27	5 43.79	+16 6.0	1.894	2.864	4.0	17.8
1 6	5 34.76	+16 21.7	1.928	2.860	7.6	18.1
1 16	5 27.42	+16 42.0	1.989	2.856	11.2	18.3
1 26	5 22.42	+17 6.3	2.073	2.852	14.2	18.5

270189 2001 SM_{313} 12 19.7 87°.69 3°.0/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.32	+28 23.8	1.540	2.380	15.7	20.4
11 27	6 16.27	+29 15.5	1.485	2.395	11.6	20.2
12 7	6 6.21	+30 3.1	1.453	2.411	7.1	19.9
12 17	5 54.25	+30 41.2	1.447	2.426	3.3	19.7
12 27	5 41.99	+31 6.2	1.470	2.441	4.8	19.9
1 6	5 31.10	+31 18.1	1.521	2.456	9.1	20.2
1 16	5 22.84	+31 19.5	1.597	2.470	13.1	20.4
1 26	5 17.99	+31 14.9	1.694	2.485	16.4	20.7

181011 2005 NM_{65} 12 19.7 109°.64 2°.2/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.90	+17 3.3	2.031	2.863	12.7	21.1
11 27	6 10.83	+16 54.7	1.966	2.872	9.4	20.9
12 7	6 2.77	+16 50.4	1.925	2.882	5.7	20.7
12 17	5 53.49	+16 50.3	1.912	2.891	2.5	20.5
12 27	5 44.03	+16 54.7	1.929	2.900	3.8	20.6
1 6	5 35.42	+17 3.3	1.975	2.909	7.4	20.8
1 16	5 28.53	+17 16.1	2.048	2.917	10.8	21.1
1 26	5 23.97	+17 32.8	2.144	2.926	13.7	21.3

493872 2015 XQ_{101} 12 19.7 109°.50 1°.7/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.65	+17 18.5	2.038	2.870	12.7	21.8
11 27	6 10.76	+17 35.0	1.966	2.874	9.3	21.6
12 7	6 2.80	+17 56.8	1.919	2.877	5.6	21.4
12 17	5 53.51	+18 22.7	1.900	2.881	2.0	21.1
12 27	5 43.93	+18 51.6	1.911	2.884	3.5	21.2
1 6	5 35.13	+19 22.3	1.951	2.888	7.3	21.5
1 16	5 28.02	+19 54.1	2.019	2.891	10.8	21.7
1 26	5 23.26	+20 26.6	2.110	2.894	13.8	21.9

99405 2002 AJ_{62} 12 19.7 283°.93 0°.2/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.90	+24 10.7	1.633	2.477	14.7	19.5
11 27	6 13.10	+24 9.0	1.547	2.462	10.9	19.2
12 7	6 4.48	+24 5.6	1.485	2.447	6.4	18.9
12 17	5 53.92	+23 59.1	1.449	2.432	1.4	18.5
12 27	5 42.78	+23 48.8	1.442	2.417	3.8	18.7
1 6	5 32.57	+23 35.6	1.462	2.402	8.8	18.9
1 16	5 24.57	+23 21.9	1.507	2.387	13.3	19.2
1 26	5 19.68	+23 10.1	1.574	2.373	17.1	19.4

491781 2012 WG_{16} 12 19.7 35°.07 0°.7/19.7 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 12.86	+20 39.3	2.341	3.177	11.1	20.7
11 27	6 7.70	+20 46.2	2.284	3.195	8.1	20.6
12 7	6 0.88	+20 54.7	2.252	3.213	4.7	20.4
12 17	5 53.09	+21 4.1	2.248	3.231	1.2	20.2
12 27	5 45.19	+21 13.9	2.275	3.250	2.7	20.3
1 6	5 38.03	+21 23.9	2.331	3.269	6.1	20.6
1 16	5 32.33	+21 34.3	2.414	3.288	9.2	20.8
1 26	5 28.60	+21 45.5	2.522	3.308	11.8	21.0

484444 2008 AS_{98} 12 19.7 24°.80 5°.7/20.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.70	+36 0.5	1.259	2.108	17.9	20.6
11 27	6 14.14	+36 21.6	1.212	2.121	13.7	20.3
12 7	6 5.11	+36 27.4	1.185	2.136	9.3	20.1
12 17	5 54.02	+36 13.2	1.182	2.152	6.0	20.0
12 27	5 42.84	+35 37.8	1.205	2.169	6.8	20.1
1 6	5 33.49	+34 45.7	1.252	2.187	10.5	20.4
1 16	5 27.27	+33 44.3	1.322	2.207	14.5	20.6
1 26	5 24.85	+32 41.0	1.413	2.227	18.0	20.9

252262 2001 QQ_{169} 12 19.7 72°.82 4°.6/20.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.61	+36 7.3	1.816	2.638	14.4	21.1
11 27	6 15.38	+36 25.4	1.761	2.657	11.0	20.9
12 7	6 5.50	+36 31.3	1.731	2.675	7.5	20.8
12 17	5 54.09	+36 21.5	1.727	2.694	4.9	20.7
12 27	5 42.63	+35 54.9	1.752	2.712	5.5	20.7
1 6	5 32.56	+35 14.4	1.804	2.731	8.5	20.9
1 16	5 24.95	+34 25.0	1.883	2.749	11.8	21.2
1 26	5 20.42	+33 32.6	1.985	2.767	14.6	21.4

180681 2004 GG_{87} 12 19.7 257°.08 3°.0/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.85	+32 18.5	2.062	2.888	12.8	20.4
11 27	6 13.38	+32 26.3	1.975	2.876	9.7	20.2
12 7	6 4.45	+32 26.1	1.912	2.865	6.2	20.0
12 17	5 53.91	+32 15.2	1.877	2.853	3.3	19.8
12 27	5 42.97	+31 52.2	1.872	2.840	4.3	19.8
1 6	5 32.92	+31 18.9	1.896	2.828	7.7	20.0
1 16	5 24.85	+30 38.6	1.946	2.815	11.3	20.2
1 26	5 19.52	+29 55.8	2.020	2.803	14.4	20.4

161469 2004 EC_{79} 12 19.7 152°.06 1°.2/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.54	+25 45.9	1.847	2.678	13.8	21.0
11 27	6 15.29	+26 5.5	1.779	2.687	10.1	20.7
12 7	6 5.51	+26 22.9	1.735	2.694	5.9	20.5
12 17	5 54.13	+26 35.1	1.719	2.701	1.7	20.2
12 27	5 42.46	+26 40.7	1.733	2.708	3.6	20.4
1 6	5 31.85	+26 40.0	1.777	2.713	7.8	20.7
1 16	5 23.41	+26 35.1	1.847	2.718	11.7	20.9
1 26	5 17.85	+26 28.6	1.941	2.723	14.9	21.1

25403 Carlapiazza 12 19.7 253°.69 0°.1/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.65	+23 0.2	1.587	2.430	15.1	18.9
11 27	6 14.43	+23 3.4	1.505	2.418	11.2	18.6
12 7	6 5.28	+23 6.6	1.445	2.407	6.5	18.3
12 17	5 54.13	+23 7.9	1.412	2.395	1.4	17.9
12 27	5 42.38	+23 6.5	1.408	2.383	3.9	18.1
1 6	5 31.61	+23 2.8	1.431	2.371	9.0	18.4
1 16	5 23.14	+22 58.5	1.479	2.358	13.6	18.6
1 26	5 17.90	+22 55.9	1.549	2.345	17.5	18.8

268206 2005 BF_{11} 12 19.7 289°.67 3°.4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.07	+12 8.9	2.255	3.078	11.9	20.4
11 27	6 8.78	+12 9.9	2.171	3.069	9.1	20.2
12 7	6 1.65	+12 19.0	2.111	3.060	6.0	20.0
12 17	5 53.31	+12 36.7	2.080	3.051	3.6	19.9
12 27	5 44.63	+13 2.9	2.078	3.042	4.4	19.9
1 6	5 36.53	+13 36.4	2.105	3.033	7.4	20.1
1 16	5 29.85	+14 15.9	2.159	3.024	10.5	20.2
1 26	5 25.21	+14 59.8	2.238	3.015	13.4	20.4

294066 2007 TX_{169} 12 19.7 120°.59 6°.6/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.61	+ 6 49.9	1.843	2.659	14.5	20.5
11 27	6 10.74	+ 6 3.2	1.779	2.664	11.5	20.3
12 7	6 2.79	+ 5 28.7	1.738	2.670	8.5	20.1
12 17	5 53.55	+ 5 9.9	1.724	2.675	6.7	20.0
12 27	5 44.09	+ 5 8.5	1.737	2.680	7.4	20.1
1 6	5 35.52	+ 5 24.2	1.778	2.685	9.9	20.2
1 16	5 28.72	+ 5 54.9	1.843	2.690	12.9	20.4
1 26	5 24.34	+ 6 37.4	1.930	2.695	15.6	20.6

356749 2011 UU_{235} 12 19.7 98°.53 1°.8/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.24	+28 0.9	1.863	2.697	13.6	21.2
11 27	6 13.56	+28 15.9	1.801	2.709	10.0	21.0
12 7	6 4.47	+28 26.3	1.763	2.721	6.0	20.8
12 17	5 53.91	+28 29.7	1.753	2.733	2.2	20.6
12 27	5 43.16	+28 25.0	1.772	2.745	3.7	20.7
1 6	5 33.51	+28 13.1	1.820	2.756	7.7	21.0
1 16	5 25.99	+27 56.7	1.894	2.768	11.3	21.2
1 26	5 21.25	+27 38.9	1.992	2.779	14.4	21.4

277032 2005 CK_{21} 12 19.7 294.°94 5.°4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 13.46	+ 6 34.4	2.242	3.053	12.4	20.2
11 27	6 8.35	+ 6 21.5	2.156	3.039	9.9	20.0
12 7	6 1.42	+ 6 20.2	2.093	3.025	7.3	19.8
12 17	5 53.28	+ 6 32.3	2.057	3.011	5.5	19.7
12 27	5 44.77	+ 6 58.6	2.050	2.998	6.1	19.7
1 6	5 36.82	+ 7 37.9	2.071	2.984	8.4	19.8
1 16	5 30.23	+ 8 28.1	2.119	2.971	11.3	20.0
1 26	5 25.67	+ 9 26.6	2.190	2.957	13.9	20.2

360209 1998 WJ_{7} 12 19.7 330.°45 9.°2/17.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 9.52	+29 20.7	0.703	1.603	22.1	19.8
11 27	6 9.46	+31 40.7	0.625	1.565	17.4	19.4
12 7	6 4.31	+34 18.3	0.564	1.529	12.2	18.9
12 17	5 54.27	+36 59.2	0.520	1.494	9.2	18.6
12 27	5 41.30	+39 22.3	0.495	1.462	12.2	18.5
1 6	5 28.86	+41 9.9	0.487	1.432	18.7	18.7
1 16	5 20.75	+42 16.0	0.494	1.406	25.5	18.9
1 26	5 19.85	+42 46.6	0.511	1.384	31.4	19.1

114795 2003 NP_{1} 12 19.7 65.°91 1.°4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.57	+18 53.1	1.520	2.360	15.8	19.2
11 27	6 14.56	+19 9.6	1.478	2.390	11.5	19.0
12 7	6 5.00	+19 30.5	1.459	2.420	6.7	18.8
12 17	5 54.00	+19 53.8	1.467	2.449	2.0	18.6
12 27	5 43.02	+20 17.9	1.504	2.478	3.9	18.8
1 6	5 33.41	+20 41.9	1.568	2.507	8.4	19.2
1 16	5 26.22	+21 5.7	1.659	2.536	12.4	19.5
1 26	5 22.02	+21 29.6	1.771	2.565	15.7	19.7

414619 2009 UU_{154} 12 19.7 46.°80 3.°7/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.49	+15 16.2	1.902	2.737	13.3	21.3
11 27	6 9.86	+14 28.3	1.841	2.747	10.0	21.1
12 7	6 2.24	+13 45.2	1.805	2.758	6.4	20.9
12 17	5 53.44	+13 8.9	1.795	2.768	3.8	20.7
12 27	5 44.52	+12 41.5	1.815	2.779	4.9	20.8
1 6	5 36.52	+12 24.2	1.863	2.791	8.2	21.1
1 16	5 30.30	+12 17.2	1.937	2.802	11.5	21.3
1 26	5 26.42	+12 19.8	2.033	2.814	14.4	21.5

445396 2010 SS_{26} 12 19.7 3.°82 1.°6/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.33	+19 47.2	1.846	2.686	13.4	21.4
11 27	6 10.71	+19 30.7	1.774	2.686	9.9	21.1
12 7	6 2.86	+19 16.1	1.726	2.686	5.9	20.9
12 17	5 53.59	+19 3.6	1.705	2.687	2.0	20.6
12 27	5 44.05	+18 53.5	1.713	2.687	3.7	20.8
1 6	5 35.40	+18 46.7	1.750	2.687	7.8	21.0
1 16	5 28.63	+18 44.0	1.813	2.688	11.7	21.3
1 26	5 24.40	+18 46.0	1.898	2.689	14.9	21.5

433382 2013 ST_{71} 12 19.7 66.°56 0.°9/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.62	+19 44.2	1.216	2.067	18.2	20.7
11 27	6 16.62	+20 12.5	1.174	2.091	13.3	20.5
12 7	6 6.43	+20 45.7	1.153	2.116	7.7	20.3
12 17	5 54.35	+21 20.6	1.157	2.140	1.9	20.0
12 27	5 42.20	+21 54.1	1.189	2.164	4.4	20.2
1 6	5 31.75	+22 24.7	1.246	2.189	9.7	20.6
1 16	5 24.27	+22 52.6	1.328	2.213	14.4	21.0
1 26	5 20.43	+23 18.8	1.430	2.237	18.1	21.3

65449 2002 VS_{37} 12 19.7 346.°94 7.°5/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.40	+ 6 7.1	1.607	2.434	15.8	18.7
11 27	6 9.51	+ 5 23.2	1.539	2.429	12.6	18.5
12 7	6 2.26	+ 4 54.0	1.492	2.425	9.5	18.3
12 17	5 53.49	+ 4 43.4	1.470	2.422	7.6	18.2
12 27	5 44.35	+ 4 53.5	1.474	2.419	8.3	18.2
1 6	5 36.11	+ 5 23.5	1.504	2.417	11.0	18.4
1 16	5 29.78	+ 6 10.6	1.557	2.415	14.3	18.6
1 26	5 26.12	+ 7 10.3	1.631	2.414	17.3	18.8

229291 2005 CY_{63} 12 19.7 349.°19 0.°5/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.04	+21 34.6	1.729	2.577	13.8	19.9
11 27	6 9.31	+21 41.5	1.653	2.570	10.1	19.7
12 7	6 2.18	+21 50.2	1.601	2.564	5.9	19.4
12 17	5 53.48	+21 59.5	1.576	2.559	1.4	19.1
12 27	5 44.38	+22 8.8	1.579	2.554	3.5	19.3
1 6	5 36.14	+22 17.7	1.609	2.551	8.0	19.5
1 16	5 29.84	+22 26.8	1.664	2.548	12.1	19.8
1 26	5 26.22	+22 37.0	1.742	2.546	15.5	20.0

178049 2006 RL_{99} 12 19.7 28.°72 2.°0/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.46	+27 58.1	1.669	2.512	14.5	20.1
11 27	6 12.60	+28 16.5	1.603	2.516	10.7	19.9
12 7	6 4.08	+28 30.6	1.561	2.521	6.4	19.7
12 17	5 53.88	+28 37.4	1.545	2.525	2.4	19.4
12 27	5 43.36	+28 35.6	1.557	2.530	4.0	19.5
1 6	5 33.96	+28 25.9	1.597	2.536	8.3	19.8
1 16	5 26.83	+28 11.0	1.662	2.541	12.3	20.1
1 26	5 22.70	+27 54.2	1.749	2.547	15.7	20.3

6476 1987 VT 12 19.7 103.°36 4.°9/19.3 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.28	+35 4.0	2.113	2.928	12.9	16.7
11 27	6 15.86	+36 15.2	2.054	2.944	9.9	16.6
12 7	6 5.89	+37 18.2	2.021	2.961	6.9	16.4
12 17	5 54.27	+38 7.3	2.015	2.977	4.9	16.3
12 27	5 42.29	+38 38.9	2.040	2.992	5.7	16.4
1 6	5 31.34	+38 52.9	2.094	3.008	8.3	16.6
1 16	5 22.51	+38 52.2	2.174	3.023	11.2	16.8
1 26	5 16.58	+38 41.5	2.277	3.037	13.7	17.0

12250 1988 TT 12 19.7 96.°94 5.°0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.42	+37 51.6	2.227	3.039	12.5	17.9
11 27	6 13.66	+38 29.2	2.162	3.048	9.7	17.7
12 7	6 4.55	+38 56.3	2.121	3.057	6.9	17.6
12 17	5 53.96	+39 8.7	2.108	3.065	5.1	17.5
12 27	5 43.14	+39 4.5	2.124	3.074	5.7	17.5
1 6	5 33.32	+38 44.7	2.168	3.083	8.0	17.7
1 16	5 25.53	+38 13.1	2.239	3.091	10.7	17.9
1 26	5 20.45	+37 34.3	2.333	3.100	13.2	18.1

182600 2001 UL_{35} 12 19.7 355.°49 2.°1/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.49	+24 34.0	1.593	2.439	14.9	19.2
11 27	6 12.94	+25 48.5	1.521	2.437	11.0	18.9
12 7	6 4.49	+27 5.9	1.473	2.434	6.5	18.7
12 17	5 54.01	+28 20.6	1.452	2.432	2.4	18.4
12 27	5 42.90	+29 27.1	1.459	2.431	4.4	18.5
1 6	5 32.71	+30 22.0	1.494	2.431	8.9	18.8
1 16	5 24.79	+31 5.2	1.554	2.431	13.1	19.1
1 26	5 20.09	+31 38.6	1.636	2.432	16.7	19.3

181208 2005 SA_{179} 12 19.7 104.°77 0.°9/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.05	+25 55.9	2.026	2.861	12.7	20.7
11 27	6 11.84	+26 2.8	1.958	2.867	9.3	20.5
12 7	6 3.46	+26 7.0	1.914	2.874	5.4	20.2
12 17	5 53.74	+26 6.9	1.898	2.880	1.5	20.0
12 27	5 43.79	+26 1.8	1.912	2.886	3.2	20.1
1 6	5 34.76	+25 52.4	1.955	2.893	7.1	20.4
1 16	5 27.59	+25 40.6	2.025	2.899	10.7	20.6
1 26	5 22.93	+25 28.6	2.118	2.905	13.7	20.8

388644 2007 TD_{169} 12 19.7 145.°04 1.°0/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.72	+20 42.3	2.391	3.213	11.4	21.7
11 27	6 12.62	+20 29.4	2.323	3.227	8.3	21.6
12 7	6 3.73	+20 17.0	2.282	3.240	4.8	21.4
12 17	5 53.78	+20 4.8	2.270	3.252	1.4	21.1
12 27	5 43.71	+19 53.1	2.290	3.264	3.0	21.3
1 6	5 34.47	+19 42.7	2.341	3.274	6.4	21.5
1 16	5 26.81	+19 34.5	2.420	3.284	9.6	21.7
1 26	5 21.31	+19 29.4	2.524	3.293	12.2	21.9

3466 Ritina 12 19.7 226.°03 0.°3/19.7 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.82	+22 18.4	1.815	2.650	13.9	17.5
11 27	6 14.24	+22 23.8	1.731	2.641	10.2	17.3
12 7	6 5.06	+22 29.9	1.671	2.631	6.0	17.0
12 17	5 54.13	+22 34.9	1.638	2.621	1.3	16.6
12 27	5 42.69	+22 38.0	1.636	2.611	3.5	16.8
1 6	5 32.12	+22 39.3	1.662	2.600	8.2	17.0
1 16	5 23.59	+22 40.1	1.715	2.588	12.3	17.3
1 26	5 17.92	+22 42.0	1.790	2.576	15.9	17.5

45761 2000 KF_{45} 12 19.7 65.°32 1.°4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.50	+19 24.2	1.779	2.619	13.9	18.7
11 27	6 11.57	+19 27.0	1.718	2.629	10.2	18.5
12 7	6 3.35	+19 33.0	1.680	2.640	6.0	18.3
12 17	5 53.73	+19 41.5	1.669	2.651	1.8	18.1
12 27	5 43.90	+19 51.8	1.688	2.662	3.6	18.2
1 6	5 35.07	+20 3.6	1.734	2.673	7.8	18.5
1 16	5 28.21	+20 17.2	1.807	2.684	11.6	18.7
1 26	5 23.98	+20 32.8	1.903	2.695	14.8	19.0

99253 2001 LA_{2} 12 19.7 171.°01 1.°4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.19	+27 51.0	2.865	3.686	9.7	20.3
11 27	6 10.05	+28 11.3	2.787	3.689	7.1	20.1
12 7	6 2.29	+28 28.8	2.735	3.692	4.3	19.9
12 17	5 53.50	+28 41.7	2.714	3.694	1.7	19.7
12 27	5 44.49	+28 48.9	2.724	3.695	2.7	19.8
1 6	5 36.08	+28 50.7	2.765	3.697	5.6	20.0
1 16	5 28.98	+28 48.0	2.834	3.698	8.3	20.2
1 26	5 23.75	+28 42.5	2.929	3.698	10.7	20.3

31142 1997 TT_{22} 12 19.7 81.°74 0.°4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.19	+22 33.2	1.521	2.364	15.6	19.0
11 27	6 14.51	+22 31.0	1.466	2.380	11.4	18.8
12 7	6 5.12	+22 28.9	1.434	2.396	6.6	18.6
12 17	5 54.11	+22 25.6	1.429	2.412	1.5	18.3
12 27	5 42.97	+22 20.6	1.452	2.428	3.8	18.5
1 6	5 33.16	+22 14.8	1.503	2.443	8.6	18.8
1 16	5 25.79	+22 10.0	1.579	2.459	12.8	19.1
1 26	5 21.53	+22 7.8	1.677	2.474	16.3	19.4

384786 2012 PB_{35} 12 19.7 127°.44 4°.4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.66	+34 0.4	1.673	2.500	15.2	20.8
11 27	6 17.22	+34 27.4	1.609	2.510	11.5	20.6
12 7	6 6.79	+34 44.1	1.569	2.518	7.6	20.4
12 17	5 54.49	+34 45.6	1.556	2.527	4.6	20.3
12 27	5 41.93	+34 30.1	1.571	2.535	5.5	20.3
1 6	5 30.76	+33 59.5	1.614	2.543	9.1	20.6
1 16	5 22.23	+33 19.1	1.682	2.551	12.8	20.8
1 26	5 17.09	+32 34.8	1.773	2.558	16.0	21.1

5602 1991 VM_{1} 12 19.7 218°.95 2°.1/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.42	+18 1.3	1.478	2.320	16.1	17.6
11 27	6 15.03	+18 4.1	1.403	2.316	12.0	17.4
12 7	6 5.68	+18 12.6	1.351	2.311	7.2	17.1
12 17	5 54.29	+18 26.0	1.325	2.306	2.6	16.8
12 27	5 42.36	+18 43.2	1.327	2.300	4.5	16.9
1 6	5 31.49	+19 3.5	1.356	2.294	9.5	17.2
1 16	5 23.03	+19 26.7	1.410	2.288	14.2	17.4
1 26	5 17.87	+19 52.8	1.485	2.282	18.1	17.7

265971 2006 DY_{15} 12 19.7 118°.93 0°.1/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.22	+22 38.4	2.341	3.171	11.3	20.8
11 27	6 10.27	+22 49.7	2.271	3.179	8.2	20.6
12 7	6 2.48	+23 1.2	2.226	3.186	4.7	20.4
12 17	5 53.56	+23 11.7	2.210	3.193	1.0	20.1
12 27	5 44.42	+23 20.4	2.225	3.200	2.7	20.3
1 6	5 36.03	+23 27.3	2.270	3.207	6.3	20.5
1 16	5 29.16	+23 33.1	2.343	3.214	9.6	20.7
1 26	5 24.43	+23 38.7	2.439	3.220	12.3	20.9

490472 2009 SU_{323} 12 19.7 5°.14 3°.4/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.01	+30 5.6	1.570	2.418	15.0	20.6
11 27	6 11.10	+30 44.8	1.504	2.418	11.2	20.4
12 7	6 3.37	+31 18.9	1.462	2.420	7.0	20.2
12 17	5 53.79	+31 43.3	1.445	2.422	3.6	20.0
12 27	5 43.80	+31 55.2	1.455	2.425	5.0	20.1
1 6	5 34.93	+31 55.0	1.492	2.430	8.9	20.3
1 16	5 28.42	+31 45.2	1.553	2.435	12.9	20.5
1 26	5 25.07	+31 29.8	1.636	2.441	16.3	20.8

334905 2003 WT_{174} 12 19.7 4°.37 5°.3/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.62	+34 47.4	1.724	2.559	14.5	19.7
11 27	6 12.26	+35 46.8	1.657	2.559	11.1	19.5
12 7	6 4.06	+36 37.7	1.614	2.560	7.7	19.3
12 17	5 53.95	+37 14.5	1.596	2.561	5.4	19.2
12 27	5 43.36	+37 33.3	1.606	2.564	6.3	19.3
1 6	5 33.85	+37 34.2	1.642	2.567	9.4	19.4
1 16	5 26.68	+37 20.4	1.704	2.571	12.7	19.7
1 26	5 22.71	+36 57.2	1.786	2.575	15.8	19.9

485630 2011 UP_{383} 12 19.7 349°.26 8°.9/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.57	+40 38.6	1.490	2.317	16.8	20.5
11 27	6 16.00	+42 11.6	1.423	2.311	13.6	20.3
12 7	6 6.65	+43 31.4	1.379	2.306	10.6	20.1
12 17	5 54.56	+44 28.0	1.358	2.302	9.0	20.0
12 27	5 41.64	+44 54.6	1.362	2.299	9.7	20.0
1 6	5 30.04	+44 51.0	1.391	2.296	12.3	20.2
1 16	5 21.56	+44 22.6	1.443	2.294	15.5	20.4
1 26	5 17.27	+43 38.4	1.513	2.293	18.5	20.6

421000 2013 PG_{45} 12 19.7 34°.40 2°.4/20.0 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.63	+31 26.8	2.099	2.928	12.4	21.2
11 27	6 11.52	+31 18.9	2.029	2.933	9.3	21.0
12 7	6 3.27	+31 3.4	1.983	2.938	5.7	20.8
12 17	5 53.73	+30 38.6	1.966	2.944	2.7	20.6
12 27	5 44.04	+30 4.7	1.978	2.949	3.7	20.7
1 6	5 35.33	+29 23.7	2.019	2.955	7.1	20.9
1 16	5 28.51	+28 39.2	2.088	2.961	10.5	21.1
1 26	5 24.19	+27 54.8	2.180	2.967	13.3	21.3

420080 2011 EL_{38} 12 19.7 92°.22 7°.0/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.97	+ 0 37.1	2.458	3.242	12.2	21.3
11 27	6 7.71	+ 0 3.0	2.395	3.251	10.1	21.2
12 7	6 0.93	− 0 17.1	2.356	3.259	8.1	21.1
12 17	5 53.24	− 0 20.8	2.344	3.267	7.0	21.0
12 27	5 45.40	− 0 7.1	2.359	3.276	7.3	21.1
1 6	5 38.19	+ 0 23.1	2.402	3.284	8.9	21.2
1 16	5 32.26	+ 1 7.6	2.471	3.292	10.9	21.3
1 26	5 28.11	+ 2 3.0	2.562	3.300	12.9	21.5

493341 2014 VD_{29} 12 19.7 233°.78 3°.1/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.73	+31 22.3	2.389	3.212	11.3	21.3
11 27	6 11.62	+32 10.8	2.311	3.211	8.5	21.1
12 7	6 3.42	+32 54.8	2.259	3.210	5.5	20.9
12 17	5 53.81	+33 30.8	2.236	3.208	3.3	20.8
12 27	5 43.81	+33 56.2	2.243	3.207	4.2	20.9
1 6	5 34.50	+34 10.4	2.280	3.206	7.0	21.0
1 16	5 26.82	+34 14.9	2.344	3.204	10.0	21.2
1 26	5 21.49	+34 12.4	2.431	3.203	12.6	21.4

4615 Zinner 12 19.7 84°.83 8°.4/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.73	+44 28.1	1.781	2.578	15.7	16.5
11 27	6 19.72	+45 30.2	1.730	2.596	12.8	16.3
12 7	6 8.34	+46 14.0	1.701	2.613	10.2	16.2
12 17	5 54.86	+46 32.1	1.698	2.630	8.5	16.1
12 27	5 41.16	+46 21.2	1.721	2.647	8.9	16.2
1 6	5 29.13	+45 44.3	1.771	2.664	10.8	16.3
1 16	5 20.15	+44 48.2	1.845	2.681	13.4	16.5
1 26	5 14.96	+43 41.6	1.940	2.697	15.8	16.8

281989 2011 HE_{23} 12 19.7 257°.80 2°.9/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.23	+18 7.4	1.565	2.408	15.3	21.1
11 27	6 13.23	+17 32.1	1.490	2.402	11.4	20.9
12 7	6 4.54	+16 59.5	1.437	2.396	7.0	20.6
12 17	5 54.06	+16 30.8	1.410	2.389	3.2	20.4
12 27	5 43.18	+16 7.8	1.412	2.383	4.9	20.4
1 6	5 33.32	+15 52.2	1.441	2.377	9.4	20.7
1 16	5 25.68	+15 45.1	1.495	2.370	13.7	20.9
1 26	5 21.06	+15 46.7	1.570	2.364	17.4	21.2

213879 2003 SC_{249} 12 19.7 125°.95 2°.5/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.66	+17 47.2	1.608	2.442	15.4	20.9
11 27	6 15.43	+17 30.1	1.548	2.457	11.3	20.7
12 7	6 5.62	+17 17.0	1.513	2.471	6.8	20.5
12 17	5 54.26	+17 8.2	1.505	2.484	2.8	20.3
12 27	5 42.74	+17 4.2	1.525	2.497	4.5	20.4
1 6	5 32.46	+17 5.3	1.574	2.509	8.8	20.7
1 16	5 24.48	+17 11.9	1.649	2.520	12.9	21.0
1 26	5 19.48	+17 23.9	1.746	2.531	16.2	21.2

205400 2001 EO_{10} 12 19.7 254°.61 1°.8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.46	+27 55.5	2.157	2.983	12.3	21.3
11 27	6 13.88	+28 16.0	2.057	2.962	9.2	21.0
12 7	6 4.87	+28 33.4	1.983	2.940	5.6	20.8
12 17	5 54.15	+28 44.8	1.938	2.918	2.1	20.5
12 27	5 42.84	+28 48.3	1.923	2.895	3.6	20.6
1 6	5 32.18	+28 43.8	1.938	2.872	7.5	20.8
1 16	5 23.28	+28 33.3	1.980	2.848	11.2	21.0
1 26	5 16.98	+28 19.7	2.046	2.823	14.5	21.1

484040 2006 EE_{27} 12 19.7 188°.97 8°.2/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 12.90	− 8 36.2	3.067	3.793	11.3	22.2
11 27	6 7.46	− 9 18.3	2.997	3.792	10.0	22.1
12 7	6 0.73	− 9 44.9	2.949	3.790	8.8	22.0
12 17	5 53.21	− 9 53.0	2.927	3.788	8.2	22.0
12 27	5 45.50	− 9 41.2	2.932	3.785	8.4	22.0
1 6	5 38.27	− 9 10.1	2.963	3.782	9.3	22.1
1 16	5 32.08	− 8 21.9	3.019	3.779	10.6	22.2
1 26	5 27.37	− 7 20.0	3.097	3.775	12.0	22.3

266650 2008 TS_{1} 12 19.7 72°.81 9°.4/22.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.59	+54 8.9	2.289	3.029	14.3	20.2
11 27	6 21.41	+54 36.2	2.230	3.041	12.4	20.1
12 7	6 9.07	+54 41.1	2.193	3.053	10.7	20.0
12 17	5 54.97	+54 17.9	2.180	3.065	9.5	20.0
12 27	5 40.98	+53 24.7	2.193	3.077	9.5	20.0
1 6	5 28.85	+52 5.4	2.232	3.089	10.6	20.1
1 16	5 19.78	+50 27.2	2.297	3.101	12.2	20.2
1 26	5 14.35	+48 39.1	2.385	3.112	14.0	20.3

293094 2006 WT_{202} 12 19.7 65°.90 1°.1/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.23	+18 18.2	1.829	2.664	13.7	20.6
11 27	6 12.13	+18 52.6	1.765	2.675	10.1	20.4
12 7	6 3.74	+19 32.5	1.725	2.685	5.9	20.2
12 17	5 53.88	+20 15.7	1.714	2.696	1.7	19.9
12 27	5 43.73	+20 59.8	1.732	2.706	3.4	20.1
1 6	5 34.51	+21 42.9	1.779	2.717	7.6	20.4
1 16	5 27.20	+22 23.9	1.852	2.728	11.4	20.6
1 26	5 22.52	+23 2.7	1.949	2.739	14.6	20.9

230564 2003 BK_{54} 12 19.7 333°.49 0°.7/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.95	+22 47.7	1.397	2.249	16.3	20.3
11 27	6 13.35	+22 33.1	1.326	2.245	12.0	20.0
12 7	6 4.74	+22 17.6	1.277	2.241	7.0	19.7
12 17	5 54.13	+22 0.7	1.254	2.237	1.6	19.3
12 27	5 43.08	+21 42.7	1.258	2.233	4.2	19.5
1 6	5 33.23	+21 25.3	1.288	2.230	9.5	19.8
1 16	5 25.90	+21 10.7	1.342	2.228	14.2	20.1
1 26	5 21.95	+21 0.9	1.416	2.225	18.2	20.3

6499 Michiko 12 19.7 155°.01 1°.8/19.6 18 R

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.44	+27 23.0	2.284	3.109	11.7	17.4
11 27	6 12.78	+27 57.5	2.211	3.115	8.6	17.2
12 7	6 4.04	+28 29.5	2.164	3.121	5.2	17.0
12 17	5 53.95	+28 56.0	2.146	3.126	2.0	16.8
12 27	5 43.55	+29 15.2	2.159	3.130	3.4	16.9
1 6	5 33.94	+29 26.7	2.202	3.135	6.8	17.1
1 16	5 26.03	+29 31.7	2.272	3.138	10.0	17.3
1 26	5 20.50	+29 32.6	2.367	3.142	12.8	17.5

331445 2012 HD_6 12 19.7 222°.99 0°.4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.79	+19 57.4	2.319	3.148	11.5	20.5
11 27	6 10.83	+20 32.5	2.238	3.145	8.4	20.3
12 7	6 2.92	+21 11.2	2.182	3.142	4.9	20.1
12 17	5 53.72	+21 51.5	2.156	3.139	1.2	19.8
12 27	5 44.14	+22 31.5	2.160	3.135	2.8	20.0
1 6	5 35.18	+23 9.7	2.195	3.132	6.5	20.2
1 16	5 27.71	+23 45.5	2.259	3.129	9.9	20.4
1 26	5 22.40	+24 19.0	2.346	3.125	12.8	20.6

464660 2001 SG_{41} 12 19.7 31°.83 23°.0/20.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.24	−16 5.9	0.979	1.753	27.2	20.5
11 27	6 12.48	−18 45.4	0.950	1.758	25.3	20.4
12 7	6 4.33	−20 36.6	0.935	1.765	23.8	20.3
12 17	5 54.03	−21 26.0	0.933	1.772	23.1	20.3
12 27	5 43.45	−21 7.6	0.946	1.780	23.2	20.3
1 6	5 34.46	−19 46.0	0.974	1.788	24.1	20.4
1 16	5 28.44	−17 33.0	1.016	1.797	25.6	20.6
1 26	5 26.20	−14 44.8	1.071	1.807	27.2	20.8

276342 2002 TM_{350} 12 19.7 73°.92 2°.9/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.67	+15 43.1	2.248	3.076	11.8	20.7
11 27	6 9.10	+15 11.0	2.181	3.084	8.8	20.5
12 7	6 1.79	+14 42.9	2.139	3.092	5.5	20.4
12 17	5 53.45	+14 20.1	2.126	3.100	3.0	20.2
12 27	5 44.96	+14 3.6	2.142	3.108	4.1	20.3
1 6	5 37.23	+13 54.2	2.188	3.116	7.1	20.5
1 16	5 30.99	+13 52.1	2.260	3.124	10.2	20.7
1 26	5 26.80	+13 56.9	2.357	3.132	12.8	20.9

377181 2003 UY_{229} 12 19.7 69°.09 1°.3/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.63	+26 25.5	1.245	2.095	18.0	20.9
11 27	6 17.41	+26 31.3	1.201	2.118	13.1	20.7
12 7	6 6.92	+26 32.6	1.179	2.141	7.6	20.5
12 17	5 54.56	+26 26.6	1.181	2.164	2.1	20.2
12 27	5 42.21	+26 12.7	1.211	2.187	4.4	20.4
1 6	5 31.67	+25 53.1	1.267	2.209	9.6	20.8
1 16	5 24.21	+25 31.8	1.347	2.232	14.2	21.1
1 26	5 20.46	+25 12.4	1.447	2.254	18.0	21.4

417380 2006 HM_{57} 12 19.7 183°.39 0°.4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.05	+21 28.1	2.712	3.538	10.1	21.4
11 27	6 9.27	+21 39.9	2.632	3.538	7.3	21.2
12 7	6 1.89	+21 52.7	2.579	3.538	4.3	21.0
12 17	5 53.49	+22 5.5	2.555	3.537	1.0	20.7
12 27	5 44.85	+22 17.6	2.562	3.537	2.5	20.9
1 6	5 36.78	+22 28.8	2.600	3.536	5.7	21.1
1 16	5 29.99	+22 39.4	2.667	3.535	8.6	21.3
1 26	5 25.03	+22 50.0	2.758	3.533	11.2	21.4

223040 2002 TJ_{50} 12 19.7 9°.62 0°.9/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.83	+20 1.8	0.970	1.848	19.6	19.0
11 27	6 11.12	+20 27.1	0.919	1.850	14.4	18.7
12 7	6 3.76	+20 59.5	0.886	1.853	8.4	18.4
12 17	5 53.96	+21 36.1	0.876	1.859	2.0	18.0
12 27	5 43.68	+22 13.6	0.888	1.866	4.9	18.2
1 6	5 34.99	+22 49.5	0.924	1.874	11.0	18.6
1 16	5 29.44	+23 22.9	0.981	1.885	16.4	18.9
1 26	5 27.93	+23 54.2	1.056	1.897	20.8	19.2

221783 2007 TL_{159} 12 19.7 22°.25 9°.7/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.11	+42 17.4	1.367	2.194	18.0	19.8
11 27	6 17.23	+43 47.8	1.316	2.201	14.7	19.6
12 7	6 7.34	+45 0.3	1.285	2.210	11.6	19.5
12 17	5 54.74	+45 44.7	1.278	2.219	9.8	19.4
12 27	5 41.60	+45 55.2	1.295	2.229	10.4	19.5
1 6	5 30.22	+45 33.8	1.336	2.240	12.8	19.6
1 16	5 22.33	+44 48.1	1.398	2.251	15.9	19.9
1 26	5 18.83	+43 48.1	1.480	2.264	18.7	20.1

158740 2003 QJ_{36} 12 19.7 121°.97 5°.1/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.34	+ 7 4.5	2.441	3.247	11.7	20.2
11 27	6 8.72	+ 6 37.2	2.376	3.256	9.2	20.1
12 7	6 1.54	+ 6 19.7	2.335	3.266	6.7	19.9
12 17	5 53.42	+ 6 13.9	2.323	3.275	5.2	19.8
12 27	5 45.15	+ 6 20.4	2.340	3.284	5.7	19.9
1 6	5 37.53	+ 6 38.9	2.386	3.293	7.8	20.0
1 16	5 31.25	+ 7 7.8	2.459	3.301	10.2	20.2
1 26	5 26.82	+ 7 45.0	2.555	3.310	12.5	20.4

519744 2013 CS_{226} 12 19.7 175°.32 0°.9/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.17	+21 18.3	2.196	3.026	12.0	21.8
11 27	6 11.80	+21 6.8	2.120	3.027	8.8	21.6
12 7	6 3.45	+20 55.5	2.070	3.029	5.1	21.4
12 17	5 53.86	+20 44.1	2.048	3.030	1.4	21.2
12 27	5 44.03	+20 33.0	2.057	3.031	3.1	21.3
1 6	5 34.99	+20 22.7	2.095	3.031	6.9	21.5
1 16	5 27.61	+20 14.5	2.162	3.031	10.3	21.7
1 26	5 22.51	+20 9.5	2.252	3.030	13.2	21.9

318199 2004 RT_{131} 12 19.7 158°.42 1°.1/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.36	+20 6.9	2.210	3.041	11.8	21.8
11 27	6 10.49	+20 4.8	2.135	3.043	8.7	21.6
12 7	6 2.70	+20 4.4	2.086	3.045	5.1	21.3
12 17	5 53.71	+20 5.3	2.065	3.047	1.5	21.1
12 27	5 44.46	+20 7.3	2.075	3.049	3.1	21.2
1 6	5 35.97	+20 10.4	2.114	3.050	6.8	21.5
1 16	5 29.05	+20 15.3	2.181	3.052	10.2	21.7
1 26	5 24.33	+20 22.4	2.271	3.053	13.0	21.9

24379 2000 AW_{158} 12 19.7 169°.23 1°.0/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.80	+19 5.7	2.398	3.226	11.2	18.8
11 27	6 10.00	+19 23.3	2.321	3.227	8.2	18.6
12 7	6 2.40	+19 44.2	2.270	3.229	4.8	18.4
12 17	5 53.64	+20 7.1	2.248	3.230	1.4	18.2
12 27	5 44.61	+20 31.1	2.256	3.231	2.9	18.3
1 6	5 36.22	+20 55.4	2.295	3.231	6.3	18.5
1 16	5 29.26	+21 19.6	2.362	3.232	9.5	18.7
1 26	5 24.33	+21 43.9	2.453	3.232	12.3	18.9

157003 2003 OE_{30} 12 19.7 80°.88 1°.3/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.35	+26 56.2	2.160	2.992	12.1	20.2
11 27	6 11.26	+27 7.8	2.094	3.003	8.8	20.0
12 7	6 3.14	+27 16.2	2.054	3.013	5.2	19.8
12 17	5 53.80	+27 19.7	2.043	3.024	1.7	19.6
12 27	5 44.26	+27 17.5	2.061	3.035	3.1	19.7
1 6	5 35.62	+27 10.1	2.109	3.046	6.8	19.9
1 16	5 28.72	+26 59.3	2.184	3.056	10.1	20.2
1 26	5 24.18	+26 47.4	2.282	3.067	12.9	20.4

229876 2009 UT_{34} 12 19.7 229°.03 1°.7/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.12	+27 32.2	2.337	3.166	11.4	20.2
11 27	6 11.15	+28 3.0	2.257	3.162	8.4	20.0
12 7	6 3.16	+28 31.6	2.202	3.159	5.1	19.8
12 17	5 53.82	+28 55.1	2.176	3.155	2.0	19.6
12 27	5 44.13	+29 11.9	2.180	3.152	3.3	19.7
1 6	5 35.13	+29 21.6	2.214	3.148	6.7	19.9
1 16	5 27.71	+29 25.3	2.276	3.144	9.9	20.1
1 26	5 22.56	+29 25.1	2.361	3.140	12.7	20.3

479452 2013 YB_{123} 12 19.7 31°.17 4°.2/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.66	+14 3.2	1.005	1.871	20.0	20.5
11 27	6 12.73	+14 9.1	0.965	1.887	15.0	20.2
12 7	6 4.43	+14 29.0	0.944	1.905	9.4	20.0
12 17	5 54.09	+15 2.3	0.946	1.924	4.6	19.8
12 27	5 43.60	+15 46.5	0.971	1.944	6.1	20.0
1 6	5 34.81	+16 38.0	1.021	1.965	11.1	20.3
1 16	5 29.03	+17 33.3	1.092	1.987	15.9	20.6
1 26	5 26.98	+18 29.5	1.182	2.010	19.9	21.0

78103 2002 LP_{46} 12 19.7 136°.35 2°.5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.49	+16 1.2	2.772	3.590	10.1	19.9
11 27	6 9.38	+15 22.8	2.703	3.601	7.5	19.8
12 7	6 1.86	+14 46.9	2.661	3.612	4.7	19.6
12 17	5 53.51	+14 15.0	2.649	3.623	2.6	19.5
12 27	5 45.07	+13 48.2	2.669	3.633	3.5	19.6
1 6	5 37.28	+13 27.4	2.719	3.643	6.1	19.8
1 16	5 30.75	+13 13.2	2.798	3.652	8.7	19.9
1 26	5 25.95	+13 5.7	2.901	3.661	11.0	20.1

140731 2001 UW_{98} 12 19.7 15°.09 0°.8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.81	+24 8.7	1.816	2.656	13.6	19.6
11 27	6 12.03	+24 37.7	1.744	2.657	10.0	19.4
12 7	6 3.81	+25 7.1	1.697	2.658	5.8	19.1
12 17	5 53.98	+25 33.9	1.677	2.660	1.5	18.8
12 27	5 43.77	+25 56.1	1.686	2.661	3.5	19.0
1 6	5 34.47	+26 13.0	1.723	2.663	7.8	19.3
1 16	5 27.16	+26 25.5	1.787	2.665	11.7	19.5
1 26	5 22.59	+26 35.2	1.873	2.667	15.0	19.7

77188 2001 FZ_9 12 19.7 82°.26 9°.0/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.87	+ 0 47.1	1.766	2.564	15.8	18.6
11 27	6 10.96	− 0 10.9	1.715	2.579	13.0	18.5
12 7	6 2.98	− 0 50.4	1.686	2.594	10.5	18.4
12 17	5 53.77	− 1 7.5	1.682	2.608	9.1	18.3
12 27	5 44.43	− 1 0.0	1.704	2.623	9.5	18.4
1 6	5 36.07	− 0 29.5	1.752	2.637	11.4	18.5
1 16	5 29.55	+ 0 20.4	1.823	2.652	13.9	18.7
1 26	5 25.48	+ 1 24.4	1.916	2.666	16.2	18.9

435324 2007 VZ_8 12 19.7 58°.80 6°.5/18.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 34.28	+33 52.5	1.519	2.338	16.9	20.8
11 27	6 24.42	+36 5.7	1.493	2.385	12.8	20.6
12 7	6 11.04	+38 6.0	1.491	2.431	8.9	20.5
12 17	5 55.52	+39 42.6	1.518	2.477	6.6	20.5
12 27	5 39.89	+40 48.9	1.575	2.522	7.6	20.6
1 6	5 26.14	+41 25.7	1.659	2.567	10.5	20.9
1 16	5 15.72	+41 39.1	1.769	2.611	13.6	21.2
1 26	5 9.32	+41 37.3	1.900	2.654	16.2	21.5

270868 2002 TH_{98} 12 19.7 42.°85 4.°7/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.70	+14 33.4	1.253	2.105	17.8	20.6
11 27	6 13.09	+13 58.4	1.200	2.114	13.4	20.4
12 7	6 4.53	+13 32.4	1.168	2.124	8.6	20.2
12 17	5 54.13	+13 17.6	1.159	2.134	4.9	20.0
12 27	5 43.52	+13 15.5	1.177	2.145	6.3	20.1
1 6	5 34.28	+13 25.8	1.220	2.156	10.7	20.4
1 16	5 27.65	+13 47.3	1.286	2.167	15.0	20.7
1 26	5 24.35	+14 17.7	1.372	2.179	18.8	20.9

195873 2002 RD 12 19.7 14.°91 1.°9/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.18	+16 2.5	2.124	2.956	12.3	19.4
11 27	6 9.73	+16 24.6	2.051	2.957	9.1	19.2
12 7	6 2.33	+16 53.2	2.002	2.959	5.5	19.0
12 17	5 53.66	+17 27.2	1.981	2.960	2.3	18.8
12 27	5 44.69	+18 5.2	1.990	2.963	3.5	18.9
1 6	5 36.41	+18 45.6	2.029	2.965	7.0	19.1
1 16	5 29.69	+19 27.2	2.095	2.967	10.4	19.3
1 26	5 25.18	+20 9.1	2.184	2.970	13.4	19.5

20353 1998 HD_{129} 12 19.7 124.°19 6.°5/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.55	+41 5.7	1.982	2.784	14.2	19.2
11 27	6 18.50	+41 51.6	1.922	2.797	11.3	19.1
12 7	6 7.54	+42 22.9	1.886	2.810	8.5	18.9
12 17	5 54.79	+42 34.0	1.876	2.823	6.7	18.8
12 27	5 41.81	+42 22.2	1.895	2.835	7.1	18.9
1 6	5 30.18	+41 49.7	1.942	2.847	9.3	19.0
1 16	5 21.14	+41 1.9	2.014	2.858	12.1	19.2
1 26	5 15.41	+40 5.8	2.109	2.869	14.6	19.4

197922 2004 RA_{54} 12 19.7 94.°05 0.°4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.23	+23 39.4	1.680	2.517	14.7	21.1
11 27	6 15.13	+23 56.0	1.626	2.537	10.7	20.9
12 7	6 5.49	+24 12.0	1.596	2.557	6.2	20.6
12 17	5 54.34	+24 25.0	1.594	2.577	1.4	20.4
12 27	5 43.06	+24 33.7	1.621	2.596	3.5	20.6
1 6	5 33.03	+24 38.3	1.676	2.615	8.0	20.9
1 16	5 25.29	+24 40.3	1.758	2.633	12.0	21.2
1 26	5 20.50	+24 41.9	1.862	2.651	15.2	21.4

391643 2007 VO_{270} 12 19.7 123.°77 3.°9/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.28	+33 1.8	2.087	2.906	12.9	21.6
11 27	6 15.83	+33 52.8	2.025	2.921	9.8	21.4
12 7	6 5.92	+34 36.7	1.988	2.935	6.5	21.2
12 17	5 54.45	+35 8.7	1.980	2.949	4.1	21.1
12 27	5 42.70	+35 26.1	2.002	2.962	4.9	21.2
1 6	5 31.97	+35 29.1	2.052	2.975	7.9	21.4
1 16	5 23.35	+35 20.6	2.130	2.987	11.0	21.6
1 26	5 17.54	+35 5.0	2.231	2.999	13.7	21.8

254821 2005 QZ_{135} 12 19.7 241.°15 1.°7/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.34	+27 38.6	2.025	2.859	12.7	21.3
11 27	6 12.28	+27 55.3	1.947	2.855	9.4	21.0
12 7	6 3.91	+28 8.4	1.894	2.852	5.6	20.8
12 17	5 54.03	+28 15.7	1.869	2.849	2.0	20.6
12 27	5 43.80	+28 15.7	1.873	2.846	3.5	20.7
1 6	5 34.41	+28 8.9	1.906	2.842	7.4	20.9
1 16	5 26.90	+27 57.4	1.966	2.839	11.0	21.1
1 26	5 21.98	+27 43.7	2.049	2.836	14.1	21.3

403839 2011 US_{263} 12 19.7 38.°45 8.°5/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.69	+ 3 2.9	1.756	2.565	15.4	20.6
11 27	6 10.26	+ 1 58.3	1.693	2.567	12.6	20.4
12 7	6 2.68	+ 1 9.3	1.652	2.569	10.0	20.3
12 17	5 53.76	+ 0 40.6	1.637	2.572	8.6	20.2
12 27	5 44.58	+ 0 34.9	1.647	2.574	9.2	20.2
1 6	5 36.27	+ 0 52.1	1.684	2.577	11.3	20.4
1 16	5 29.77	+ 1 29.3	1.744	2.579	14.1	20.6
1 26	5 25.73	+ 2 21.9	1.825	2.582	16.7	20.8

374711 2006 SQ_{11} 12 19.7 73.°75 2.°4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.77	+27 38.0	1.313	2.158	17.5	20.8
11 27	6 18.22	+28 7.4	1.270	2.184	12.8	20.6
12 7	6 7.43	+28 31.5	1.250	2.210	7.6	20.4
12 17	5 54.76	+28 46.0	1.255	2.235	2.8	20.1
12 27	5 42.09	+28 48.7	1.287	2.261	4.7	20.3
1 6	5 31.19	+28 41.2	1.346	2.286	9.5	20.7
1 16	5 23.33	+28 27.4	1.430	2.311	13.9	21.0
1 26	5 19.16	+28 11.8	1.534	2.335	17.4	21.3

487619 2015 MU_{84} 12 19.7 36.°35 6.°6/20.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.98	+ 6 23.5	1.267	2.103	18.6	20.2
11 27	6 12.33	+ 6 39.1	1.227	2.126	14.4	20.0
12 7	6 3.97	+ 7 15.5	1.208	2.151	10.1	19.8
12 17	5 54.02	+ 8 12.6	1.212	2.176	7.0	19.7
12 27	5 44.00	+ 9 27.3	1.243	2.202	7.4	19.8
1 6	5 35.36	+10 53.9	1.299	2.229	10.7	20.1
1 16	5 29.21	+12 26.2	1.379	2.257	14.5	20.4
1 26	5 26.18	+13 59.1	1.480	2.285	17.7	20.7

520498 2014 LV_{12} 12 19.7 212.°98 0.°5/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.80	+21 40.5	2.093	2.923	12.4	22.2
11 27	6 12.48	+21 45.9	2.010	2.918	9.1	22.0
12 7	6 3.99	+21 52.2	1.952	2.912	5.3	21.7
12 17	5 54.06	+21 58.3	1.923	2.906	1.3	21.4
12 27	5 43.75	+22 3.4	1.924	2.899	3.1	21.5
1 6	5 34.19	+22 7.6	1.955	2.892	7.2	21.8
1 16	5 26.36	+22 11.7	2.013	2.885	10.9	22.0
1 26	5 20.96	+22 16.9	2.095	2.877	14.0	22.2

127384 2002 KS_{13} 12 19.7 241.°45 2.°5/19.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.41	+17 4.4	2.269	3.098	11.7	19.9
11 27	6 9.76	+16 31.4	2.189	3.093	8.7	19.7
12 7	6 2.29	+16 0.9	2.134	3.089	5.4	19.5
12 17	5 53.67	+15 34.1	2.107	3.084	2.7	19.4
12 27	5 44.81	+15 12.3	2.111	3.079	3.9	19.4
1 6	5 36.63	+14 56.5	2.144	3.075	7.1	19.6
1 16	5 29.95	+14 47.4	2.205	3.070	10.3	19.8
1 26	5 25.34	+14 45.1	2.289	3.065	13.1	20.0

154735 2004 NX_{15} 12 19.7 138.°08 3.°4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.92	+14 4.8	1.861	2.687	14.0	20.4
11 27	6 13.25	+13 56.6	1.796	2.697	10.5	20.2
12 7	6 4.37	+13 55.6	1.755	2.707	6.7	20.0
12 17	5 54.12	+14 2.4	1.742	2.717	3.6	19.8
12 27	5 43.65	+14 16.7	1.759	2.726	4.7	19.9
1 6	5 34.12	+14 37.9	1.804	2.734	8.2	20.1
1 16	5 26.49	+15 4.9	1.876	2.742	11.8	20.4
1 26	5 21.42	+15 36.7	1.970	2.749	14.9	20.6

86909 2000 HH_{48} 12 19.7 132.°05 0.°4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.12	+22 22.1	2.089	2.914	12.7	20.4
11 27	6 14.63	+22 21.8	2.027	2.932	9.2	20.2
12 7	6 5.06	+22 21.3	1.990	2.949	5.3	20.0
12 17	5 54.26	+22 19.3	1.983	2.966	1.2	19.7
12 27	5 43.33	+22 15.6	2.007	2.981	3.1	19.9
1 6	5 33.40	+22 10.7	2.061	2.996	7.0	20.2
1 16	5 25.35	+22 6.0	2.142	3.010	10.5	20.4
1 26	5 19.79	+22 2.9	2.248	3.023	13.4	20.6

519794 2013 GK_{118} 12 19.7 141.°88 1.°8/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.96	+28 9.8	2.136	2.965	12.3	21.9
11 27	6 12.56	+28 28.4	2.065	2.970	9.1	21.7
12 7	6 3.99	+28 43.1	2.018	2.975	5.5	21.5
12 17	5 54.05	+28 51.4	2.000	2.980	2.1	21.3
12 27	5 43.84	+28 52.3	2.012	2.984	3.4	21.4
1 6	5 34.50	+28 46.0	2.053	2.988	7.0	21.7
1 16	5 26.99	+28 34.7	2.122	2.992	10.4	21.9
1 26	5 21.95	+28 21.1	2.214	2.996	13.3	22.1

315690 2008 EM_{41} 12 19.7 144.°96 1.°3/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.46	+18 38.2	2.072	2.903	12.5	20.8
11 27	6 11.43	+18 51.2	1.999	2.907	9.2	20.6
12 7	6 3.33	+19 8.0	1.952	2.910	5.5	20.4
12 17	5 53.91	+19 27.6	1.932	2.914	1.8	20.2
12 27	5 44.20	+19 49.0	1.943	2.917	3.3	20.3
1 6	5 35.26	+20 11.4	1.983	2.920	7.1	20.5
1 16	5 28.02	+20 34.5	2.051	2.923	10.7	20.8
1 26	5 23.11	+20 58.4	2.141	2.925	13.7	21.0

183080 2002 RA_{52} 12 19.7 61.°39 4.°4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.86	+13 10.3	1.318	2.162	17.5	19.4
11 27	6 13.83	+13 3.0	1.265	2.176	13.2	19.2
12 7	6 4.93	+13 7.4	1.234	2.189	8.5	18.9
12 17	5 54.26	+13 23.8	1.228	2.203	4.7	18.8
12 27	5 43.37	+13 51.7	1.249	2.217	5.9	18.9
1 6	5 33.82	+14 29.0	1.295	2.231	10.2	19.2
1 16	5 26.80	+15 13.2	1.365	2.245	14.4	19.4
1 26	5 23.04	+16 1.8	1.456	2.260	18.1	19.7

450395 2005 SA_{18} 12 19.7 76.°84 6.°3/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.74	+ 6 47.2	1.947	2.761	13.9	21.3
11 27	6 10.05	+ 6 1.2	1.890	2.774	11.0	21.2
12 7	6 2.44	+ 5 27.2	1.856	2.787	8.1	21.0
12 17	5 53.70	+ 5 8.1	1.849	2.799	6.4	21.0
12 27	5 44.83	+ 5 5.6	1.869	2.812	7.0	21.0
1 6	5 36.81	+ 5 19.1	1.918	2.824	9.4	21.2
1 16	5 30.48	+ 5 46.8	1.991	2.837	12.1	21.4
1 26	5 26.39	+ 6 25.5	2.086	2.849	14.7	21.6

410142 2007 HD_{28} 12 19.7 145.°93 4.°5/19.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.93	+10 48.1	2.402	3.218	11.5	21.0
11 27	6 9.23	+ 9 57.5	2.331	3.222	8.9	20.9
12 7	6 1.90	+ 9 13.3	2.286	3.225	6.2	20.7
12 17	5 53.60	+ 8 37.8	2.269	3.229	4.6	20.6
12 27	5 45.14	+ 8 13.0	2.282	3.233	5.3	20.7
1 6	5 37.34	+ 7 59.7	2.324	3.236	7.7	20.8
1 16	5 30.92	+ 7 57.6	2.393	3.239	10.3	21.0
1 26	5 26.41	+ 8 5.6	2.485	3.242	12.7	21.2

418724 2008 UK_{99} 12 19.7 306°.00 1°.4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.30	+28 1.4	2.217	3.050	11.8	21.3
11 27	6 10.62	+28 4.1	2.136	3.044	8.7	21.1
12 7	6 2.89	+28 2.6	2.080	3.038	5.2	20.8
12 17	5 53.84	+27 55.3	2.052	3.032	1.8	20.6
12 27	5 44.48	+27 41.7	2.053	3.027	3.2	20.7
1 6	5 35.90	+27 22.8	2.084	3.021	6.8	20.9
1 16	5 28.98	+27 0.6	2.142	3.016	10.2	21.1
1 26	5 24.40	+26 37.9	2.224	3.011	13.1	21.3

332240 2006 KF_3 12 19.7 198°.90 5°.2/19.1 18

11 17	6 13.46	+ 5 54.7	2.818	3.615	10.5	21.3
11 27	6 8.01	+ 5 9.7	2.740	3.612	8.4	21.2
12 7	6 1.16	+ 4 33.1	2.687	3.609	6.4	21.0
12 17	5 53.45	+ 4 7.2	2.663	3.605	5.2	20.9
12 27	5 45.54	+ 3 53.5	2.668	3.601	5.7	21.0
1 6	5 38.14	+ 3 52.4	2.703	3.597	7.5	21.1
1 16	5 31.86	+ 4 3.2	2.764	3.592	9.7	21.2
1 26	5 27.19	+ 4 24.2	2.849	3.587	11.7	21.4

214123 2004 XQ_{59} 12 19.7 25°.69 3°.0/19.6 18

11 17	6 21.84	+27 13.1	1.150	2.009	18.5	19.7
11 27	6 16.18	+28 2.1	1.092	2.013	13.8	19.4
12 7	6 6.74	+28 48.8	1.055	2.017	8.3	19.1
12 17	5 54.75	+29 26.9	1.041	2.021	3.4	18.8
12 27	5 42.20	+29 51.5	1.053	2.026	5.5	19.0
1 6	5 31.23	+30 2.2	1.089	2.032	10.8	19.3
1 16	5 23.50	+30 2.2	1.149	2.038	15.8	19.6
1 26	5 19.92	+29 56.5	1.227	2.044	19.9	19.9

250501 2004 GH_1 12 19.7 301°.06 2°.7/19.8 17

11 17	6 19.07	+29 37.8	1.838	2.674	13.7	20.3
11 27	6 13.12	+30 5.7	1.761	2.669	10.2	20.1
12 7	6 4.55	+30 28.9	1.708	2.664	6.3	19.9
12 17	5 54.24	+30 43.7	1.681	2.659	3.0	19.7
12 27	5 43.48	+30 48.0	1.684	2.654	4.3	19.7
1 6	5 33.66	+30 42.0	1.714	2.650	8.2	20.0
1 16	5 25.94	+30 28.4	1.771	2.645	12.0	20.2
1 26	5 21.12	+30 10.7	1.849	2.640	15.2	20.4

153927 2001 YT_{59} 12 19.7 44°.01 2°.2/19.8 18 R

11 17	6 21.43	+27 29.9	1.228	2.084	17.8	19.4
11 27	6 15.31	+27 51.2	1.184	2.103	13.1	19.1
12 7	6 5.90	+28 7.5	1.160	2.122	7.8	18.9
12 17	5 54.53	+28 15.0	1.161	2.142	2.8	18.7
12 27	5 43.05	+28 12.1	1.188	2.163	4.7	18.9
1 6	5 33.29	+28 0.5	1.241	2.184	9.7	19.2
1 16	5 26.51	+27 43.8	1.317	2.205	14.2	19.5
1 26	5 23.41	+27 26.3	1.414	2.227	18.0	19.8

142700 2002 TK_{254} 12 19.7 349°.14 1°.5/19.8 18

11 17	6 15.21	+19 25.2	1.404	2.260	16.0	19.1
11 27	6 10.68	+19 28.9	1.333	2.253	11.8	18.8
12 7	6 3.31	+19 37.4	1.283	2.246	7.0	18.5
12 17	5 54.02	+19 49.9	1.259	2.241	2.2	18.2
12 27	5 44.21	+20 5.4	1.261	2.237	4.2	18.3
1 6	5 35.45	+20 23.2	1.289	2.233	9.3	18.6
1 16	5 29.00	+20 43.3	1.341	2.231	13.9	18.9
1 26	5 25.73	+21 5.6	1.414	2.229	17.9	19.1

130349 2000 FC_{73} 12 19.7 243°.70 0°.8/19.8 18

11 17	6 15.24	+20 3.9	2.494	3.322	10.8	20.2
11 27	6 9.64	+20 15.1	2.407	3.314	7.9	20.0
12 7	6 2.28	+20 28.6	2.347	3.306	4.6	19.8
12 17	5 53.75	+20 43.5	2.316	3.298	1.3	19.5
12 27	5 44.91	+20 58.9	2.316	3.290	2.8	19.6
1 6	5 36.62	+21 14.6	2.345	3.282	6.2	19.8
1 16	5 29.69	+21 30.4	2.403	3.273	9.4	20.0
1 26	5 24.73	+21 46.8	2.486	3.265	12.1	20.2

460959 2014 WN_{279} 12 19.7 153°.05 3°.8/19.5 17

11 17	6 13.65	+11 46.9	2.473	3.292	11.1	21.1
11 27	6 8.33	+11 15.8	2.399	3.293	8.5	21.0
12 7	6 1.44	+10 51.0	2.350	3.294	5.8	20.8
12 17	5 53.56	+10 34.0	2.330	3.295	3.9	20.7
12 27	5 45.50	+10 25.8	2.339	3.296	4.6	20.7
1 6	5 38.04	+10 26.8	2.378	3.297	7.1	20.9
1 16	5 31.89	+10 36.4	2.444	3.298	9.8	21.1
1 26	5 27.57	+10 53.7	2.533	3.299	12.3	21.2

115725 2003 US_{180} 12 19.7 19°.31 4°.5/19.5 17

11 17	6 14.03	+11 25.1	2.058	2.884	12.8	19.7
11 27	6 8.87	+10 51.0	1.988	2.886	9.8	19.5
12 7	6 1.84	+10 24.8	1.944	2.889	6.7	19.4
12 17	5 53.66	+10 8.3	1.926	2.891	4.6	19.2
12 27	5 45.26	+10 3.0	1.937	2.895	5.4	19.3
1 6	5 37.60	+10 8.8	1.976	2.898	8.2	19.5
1 16	5 31.50	+10 25.1	2.041	2.901	11.2	19.7
1 26	5 27.56	+10 50.0	2.129	2.905	14.0	19.9

414800 2010 SV_3 12 19.7 229°.23 4°.6/19.7 14 C

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 42.31	+31 17.0	1.422	2.234	18.2	24.3
11 27	6 31.90	+32 11.2	1.321	2.214	14.1	23.9
12 7	6 16.51	+33 0.1	1.242	2.192	9.2	23.6
12 17	5 57.11	+33 32.9	1.191	2.166	4.9	23.3
12 27	5 35.89	+33 40.6	1.171	2.137	6.7	23.3
1 6	5 15.75	+33 21.9	1.180	2.104	12.2	23.5
1 16	4 59.19	+32 43.8	1.215	2.069	17.7	23.7
1 26	4 47.78	+31 57.8	1.271	2.031	22.5	23.9

303051 2003 YF_{103} 12 19.7 318°.08 0°.4/19.7 18

11 17	6 18.14	+25 32.6	1.531	2.380	15.3	19.3
11 27	6 12.80	+24 45.3	1.442	2.359	11.3	19.0
12 7	6 4.54	+23 50.7	1.376	2.339	6.7	18.6
12 17	5 54.31	+22 49.2	1.336	2.319	1.5	18.3
12 27	5 43.53	+21 43.4	1.324	2.300	4.0	18.4
1 6	5 33.77	+20 37.9	1.340	2.282	9.2	18.6
1 16	5 26.33	+19 37.5	1.380	2.264	14.0	18.9
1 26	5 22.10	+18 46.4	1.441	2.247	18.1	19.1

450816 2007 VD_{13} 12 19.7 231°.62 2°.1/19.8 18

11 17	6 20.59	+28 42.1	2.014	2.843	12.9	21.5
11 27	6 14.08	+29 4.2	1.929	2.834	9.6	21.3
12 7	6 5.09	+29 22.2	1.868	2.825	5.9	21.1
12 17	5 54.42	+29 33.1	1.836	2.815	2.5	20.8
12 27	5 43.28	+29 34.9	1.833	2.805	3.8	20.9
1 6	5 32.96	+29 28.0	1.860	2.795	7.7	21.1
1 16	5 24.58	+29 14.6	1.914	2.784	11.4	21.3
1 26	5 18.94	+28 58.1	1.990	2.773	14.6	21.5

130360 2000 GW_{70} 12 19.8 310°.03 3°.2/19.5 18

11 17	6 14.20	+14 47.2	2.248	3.076	11.8	19.9
11 27	6 8.93	+14 14.3	2.169	3.072	8.9	19.7
12 7	6 1.88	+13 45.8	2.116	3.067	5.7	19.5
12 17	5 53.69	+13 23.2	2.090	3.063	3.4	19.4
12 27	5 45.26	+13 7.8	2.095	3.059	4.3	19.4
1 6	5 37.49	+13 0.3	2.128	3.055	7.4	19.6
1 16	5 31.17	+13 0.7	2.188	3.051	10.5	19.8
1 26	5 26.90	+13 8.7	2.271	3.048	13.2	20.0

175465 2006 QT_{114} 12 19.8 33°.98 5°.3/19.6 18

11 17	6 17.55	+13 53.0	1.220	2.075	18.0	18.8
11 27	6 12.01	+13 1.1	1.187	2.101	13.5	18.6
12 7	6 3.78	+12 19.8	1.174	2.129	8.8	18.4
12 17	5 54.08	+11 52.1	1.186	2.158	5.4	18.3
12 27	5 44.49	+11 39.9	1.223	2.188	6.6	18.4
1 6	5 36.44	+11 42.8	1.286	2.219	10.5	18.7
1 16	5 30.94	+11 59.0	1.371	2.251	14.4	19.1
1 26	5 28.53	+12 25.4	1.476	2.283	17.7	19.4

248839 Mazeikiai 12 19.8 169°.80 5°.2/20.1 18

11 17	6 23.51	+39 7.5	2.330	3.131	12.3	21.2
11 27	6 16.02	+39 41.3	2.256	3.135	9.7	21.0
12 7	6 6.10	+40 3.9	2.208	3.138	7.1	20.8
12 17	5 54.64	+40 10.8	2.187	3.140	5.3	20.7
12 27	5 42.88	+40 0.0	2.195	3.143	5.8	20.8
1 6	5 32.11	+39 32.7	2.233	3.144	8.0	20.9
1 16	5 23.40	+38 53.0	2.298	3.145	10.7	21.1
1 26	5 17.45	+38 6.0	2.386	3.146	13.1	21.2

263169 2007 WW_{20} 12 19.8 234°.08 2°.4/19.9 18

11 17	6 17.29	+15 25.1	2.036	2.865	12.8	20.7
11 27	6 11.44	+15 34.7	1.955	2.859	9.6	20.5
12 7	6 3.46	+15 51.0	1.899	2.854	6.0	20.2
12 17	5 54.07	+16 13.6	1.871	2.849	2.7	20.0
12 27	5 44.29	+16 41.6	1.872	2.843	3.9	20.1
1 6	5 35.21	+17 13.8	1.903	2.837	7.6	20.3
1 16	5 27.78	+17 49.2	1.960	2.831	11.2	20.5
1 26	5 22.70	+18 26.8	2.041	2.825	14.3	20.7

173458 2000 QV_{82} 12 19.8 42°.52 7°.4/20.0 18

11 17	6 20.10	+10 11.1	0.952	1.812	21.4	18.7
11 27	6 14.37	+ 9 27.1	0.922	1.836	16.4	18.5
12 7	6 5.32	+ 9 2.1	0.911	1.862	11.2	18.3
12 17	5 54.43	+ 8 59.2	0.921	1.889	7.7	18.3
12 27	5 43.66	+ 9 18.9	0.954	1.917	8.6	18.4
1 6	5 34.79	+ 9 57.7	1.011	1.945	12.6	18.7
1 16	5 29.03	+10 50.5	1.089	1.974	16.8	19.1
1 26	5 26.97	+11 51.6	1.185	2.003	20.5	19.4

26204 1997 LO_3 12 19.8 228°.17 1°.3/19.7 18

11 17	6 20.90	+19 48.1	1.896	2.727	13.5	19.3
11 27	6 14.30	+19 45.9	1.808	2.716	10.0	19.1
12 7	6 5.24	+19 46.1	1.745	2.704	6.0	18.8
12 17	5 54.48	+19 47.9	1.710	2.691	1.8	18.5
12 27	5 43.22	+19 50.9	1.704	2.678	3.7	18.6
1 6	5 32.73	+19 55.1	1.728	2.664	8.0	18.9
1 16	5 24.13	+20 1.3	1.778	2.649	12.1	19.1
1 26	5 18.24	+20 10.4	1.852	2.634	15.6	19.3

73443 2002 NK_{10} 12 19.8 117°.27 2°.5/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.35	+32 48.4	2.362	3.181	11.6	19.5
11 27	6 12.65	+32 36.1	2.289	3.187	8.7	19.3
12 7	6 3.99	+32 15.4	2.242	3.193	5.5	19.1
12 17	5 54.15	+31 44.9	2.223	3.199	2.8	19.0
12 27	5 44.21	+31 4.8	2.235	3.204	3.6	19.0
1 6	5 35.19	+30 17.4	2.277	3.210	6.6	19.2
1 16	5 27.95	+29 26.2	2.348	3.215	9.7	19.4
1 26	5 23.05	+28 34.9	2.442	3.221	12.3	19.6

122275 2000 PG_{4} 12 19.8 132°.47 0°.3/19.8 18

11 17	6 21.53	+22 16.3	1.905	2.735	13.5	20.6
11 27	6 14.51	+22 24.7	1.840	2.748	9.9	20.4
12 7	6 5.18	+22 33.4	1.801	2.761	5.7	20.1
12 17	5 54.43	+22 41.0	1.790	2.772	1.3	19.9
12 27	5 43.48	+22 46.5	1.809	2.784	3.2	20.0
1 6	5 33.54	+22 50.1	1.857	2.794	7.5	20.3
1 16	5 25.60	+22 52.9	1.932	2.804	11.2	20.6
1 26	5 20.33	+22 56.3	2.031	2.814	14.3	20.8

204886 2007 TC_{145} 12 19.8 133°.43 0°.1/19.8 18

11 17	6 19.75	+22 57.5	1.904	2.738	13.3	21.0
11 27	6 13.26	+23 0.4	1.836	2.746	9.8	20.7
12 7	6 4.49	+23 3.0	1.792	2.753	5.7	20.5
12 17	5 54.29	+23 4.0	1.777	2.760	1.2	20.2
12 27	5 43.84	+23 2.8	1.791	2.766	3.2	20.4
1 6	5 34.35	+22 59.9	1.834	2.772	7.5	20.7
1 16	5 26.82	+22 56.5	1.904	2.778	11.2	20.9
1 26	5 21.91	+22 54.4	1.996	2.784	14.4	21.1

187786 1998 SB_{165} 12 19.8 70°.93 2°.5/19.9 18

11 17	6 22.78	+16 21.5	1.370	2.212	17.1	19.9
11 27	6 15.81	+16 36.8	1.326	2.238	12.6	19.7
12 7	6 6.03	+17 0.0	1.305	2.263	7.6	19.5
12 17	5 54.62	+17 29.5	1.309	2.289	3.0	19.3
12 27	5 43.15	+18 3.2	1.341	2.314	4.6	19.5
1 6	5 33.14	+18 39.2	1.400	2.340	9.2	19.8
1 16	5 25.74	+19 16.2	1.485	2.364	13.5	20.1
1 26	5 21.58	+19 53.8	1.590	2.389	17.0	20.4

255001 2005 TX_{12} 12 19.8 48°.58 0°.7/19.8 18

11 17	6 17.95	+25 15.8	1.797	2.638	13.7	20.9
11 27	6 12.07	+25 21.5	1.735	2.647	10.0	20.7
12 7	6 3.83	+25 25.1	1.696	2.657	5.8	20.4
12 17	5 54.15	+25 24.8	1.685	2.667	1.5	20.2
12 27	5 44.26	+25 20.1	1.702	2.677	3.4	20.3
1 6	5 35.40	+25 11.6	1.748	2.688	7.6	20.6
1 16	5 28.59	+25 1.4	1.819	2.699	11.4	20.9
1 26	5 24.48	+24 51.5	1.914	2.709	14.6	21.1

46678 1996 TZ_{8} 12 19.8 96°.37 2°.2/20.3 18

11 17	6 19.50	+32 41.6	2.411	3.230	11.4	18.0
11 27	6 12.69	+32 15.7	2.337	3.235	8.5	17.8
12 7	6 3.98	+31 41.1	2.288	3.240	5.3	17.6
12 17	5 54.16	+30 56.7	2.268	3.245	2.5	17.4
12 27	5 44.27	+30 3.5	2.279	3.250	3.3	17.5
1 6	5 35.32	+29 4.2	2.321	3.255	6.4	17.7
1 16	5 28.11	+28 2.6	2.391	3.260	9.5	17.9
1 26	5 23.18	+27 2.4	2.487	3.265	12.2	18.1

278683 2008 RX_{109} 12 19.8 201°.44 2°.5/19.6 18

11 17	6 19.98	+17 30.7	1.904	2.734	13.5	21.6
11 27	6 13.46	+17 9.3	1.825	2.731	10.1	21.3
12 7	6 4.65	+16 51.1	1.771	2.727	6.2	21.1
12 17	5 54.35	+16 36.8	1.744	2.723	2.7	20.9
12 27	5 43.69	+16 27.1	1.747	2.718	4.2	21.0
1 6	5 33.89	+16 22.6	1.780	2.712	8.1	21.2
1 16	5 25.95	+16 24.0	1.838	2.706	11.9	21.4
1 26	5 20.59	+16 31.3	1.920	2.700	15.2	21.6

165502 2001 BY_{67} 12 19.8 284°.07 7°.6/20.3 18

11 17	6 16.84	+ 3 26.5	1.757	2.565	15.4	19.1
11 27	6 11.25	+ 3 5.1	1.686	2.563	12.5	18.9
12 7	6 3.40	+ 3 1.1	1.636	2.560	9.6	18.7
12 17	5 54.08	+ 3 17.1	1.612	2.558	7.7	18.6
12 27	5 44.39	+ 3 54.1	1.616	2.556	8.1	18.6
1 6	5 35.51	+ 4 49.9	1.646	2.553	10.6	18.8
1 16	5 28.44	+ 6 0.7	1.700	2.551	13.6	19.0
1 26	5 23.92	+ 7 21.4	1.777	2.549	16.5	19.2

60094 1999 TQ_{161} 12 19.8 146°.47 1°.0/19.7 18

11 17	6 16.44	+20 12.3	2.262	3.093	11.6	19.7
11 27	6 10.58	+20 12.5	2.189	3.096	8.5	19.5
12 7	6 2.85	+20 14.5	2.140	3.100	5.0	19.3
12 17	5 53.94	+20 17.7	2.121	3.103	1.5	19.1
12 27	5 44.79	+20 21.7	2.132	3.106	3.0	19.2
1 6	5 36.37	+20 26.7	2.172	3.109	6.6	19.4
1 16	5 29.50	+20 32.9	2.240	3.111	9.9	19.7
1 26	5 24.77	+20 41.0	2.332	3.114	12.7	19.9

31924 2000 GD_{74} 12 19.8 85°.56 1°.3/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 22.35	+20 34.5	1.567	2.406	15.5	19.1
11 27	6 15.27	+20 26.5	1.517	2.428	11.3	18.9
12 7	6 5.64	+20 20.4	1.490	2.451	6.6	18.7
12 17	5 54.54	+20 15.4	1.491	2.473	1.9	18.5
12 27	5 43.38	+20 11.4	1.520	2.495	3.9	18.7
1 6	5 33.57	+20 9.1	1.578	2.516	8.4	19.0
1 16	5 26.13	+20 9.5	1.661	2.538	12.5	19.3
1 26	5 21.68	+20 13.4	1.766	2.558	15.8	19.5

302749 2002 UJ_{67} 12 19.8 137°.64 0°.8/19.8 18

11 17	6 18.66	+20 42.4	1.970	2.803	13.0	21.1
11 27	6 12.43	+20 48.0	1.900	2.809	9.5	20.9
12 7	6 4.01	+20 55.4	1.854	2.814	5.6	20.6
12 17	5 54.21	+21 3.5	1.837	2.819	1.5	20.4
12 27	5 44.14	+21 11.7	1.850	2.824	3.2	20.5
1 6	5 34.95	+21 20.0	1.891	2.829	7.3	20.8
1 16	5 27.58	+21 28.7	1.960	2.834	11.0	21.0
1 26	5 22.70	+21 38.6	2.052	2.838	14.1	21.2

203182 2001 BN_{25} 12 19.8 357°.88 3°.4/19.9 18

11 17	6 15.26	+15 44.2	1.261	2.119	17.3	18.7
11 27	6 10.89	+15 41.0	1.196	2.116	12.9	18.5
12 7	6 3.53	+15 47.3	1.153	2.113	8.1	18.2
12 17	5 54.15	+16 3.3	1.133	2.111	3.8	17.9
12 27	5 44.28	+16 28.6	1.138	2.111	5.3	18.0
1 6	5 35.56	+17 1.5	1.169	2.112	10.2	18.3
1 16	5 29.33	+17 40.1	1.223	2.114	14.9	18.6
1 26	5 26.44	+18 22.6	1.296	2.116	18.9	18.9

515943 2015 RX_{29} 12 19.8 190°.09 15°.8/19.6 18

11 17	7 10.34	+72 19.4	2.315	2.917	17.4	21.6
11 27	6 58.35	+74 23.0	2.267	2.916	16.6	21.5
12 7	6 35.12	+75 59.7	2.234	2.915	16.1	21.4
12 17	6 1.65	+76 53.2	2.219	2.913	15.8	21.4
12 27	5 24.60	+76 52.1	2.222	2.910	15.9	21.4
1 6	4 53.21	+75 58.8	2.242	2.908	16.3	21.4
1 16	4 32.91	+74 27.5	2.279	2.904	17.0	21.5
1 26	4 24.00	+72 34.7	2.330	2.901	17.8	21.6

458402 2010 XB_{62} 12 19.8 262°.86 2°.4/19.5 17

11 17	6 16.71	+18 22.3	2.099	2.930	12.4	21.4
11 27	6 10.93	+17 44.4	2.015	2.922	9.2	21.2
12 7	6 3.13	+17 7.7	1.956	2.913	5.6	20.9
12 17	5 54.03	+16 33.6	1.926	2.904	2.6	20.7
12 27	5 44.63	+16 3.6	1.925	2.895	3.9	20.8
1 6	5 35.96	+15 39.3	1.954	2.886	7.6	21.0
1 16	5 28.91	+15 22.0	2.009	2.877	11.1	21.2
1 26	5 24.15	+15 12.2	2.088	2.867	14.1	21.4

267329 2001 UZ_{118} 12 19.8 85°.39 0°.5/19.8 18

11 17	6 23.58	+23 49.5	1.578	2.416	15.4	20.6
11 27	6 16.24	+24 8.2	1.530	2.441	11.2	20.4
12 7	6 6.25	+24 26.1	1.505	2.466	6.5	20.1
12 17	5 54.69	+24 40.5	1.507	2.490	1.5	19.9
12 27	5 43.06	+24 49.8	1.538	2.513	3.6	20.1
1 6	5 32.81	+24 54.4	1.597	2.537	8.3	20.4
1 16	5 25.03	+24 56.2	1.682	2.559	12.3	20.7
1 26	5 20.35	+24 57.3	1.790	2.582	15.6	21.0

75156 1999 VN_{109} 12 19.8 216°.92 0°.8/19.8 18

11 17	6 21.98	+24 13.5	1.624	2.464	15.0	19.9
11 27	6 15.48	+24 36.7	1.548	2.460	11.1	19.7
12 7	6 6.09	+24 59.9	1.494	2.455	6.5	19.4
12 17	5 54.72	+25 20.0	1.468	2.450	1.6	19.1
12 27	5 42.81	+25 34.7	1.470	2.445	3.8	19.2
1 6	5 31.92	+25 43.6	1.500	2.440	8.7	19.5
1 16	5 23.34	+25 48.3	1.556	2.434	13.1	19.8
1 26	5 17.96	+25 51.3	1.634	2.428	16.8	20.0

14487 Sakaisakae 12 19.8 67°.91 2°.2/19.7 18

11 17	6 23.33	+18 54.4	1.366	2.210	17.0	18.9
11 27	6 16.09	+18 38.0	1.326	2.240	12.4	18.7
12 7	6 6.12	+18 25.7	1.309	2.269	7.3	18.5
12 17	5 54.65	+18 17.2	1.318	2.299	2.7	18.3
12 27	5 43.27	+18 13.0	1.355	2.329	4.5	18.5
1 6	5 33.48	+18 13.3	1.419	2.358	9.2	18.8
1 16	5 26.34	+18 18.6	1.507	2.387	13.4	19.2
1 26	5 22.41	+18 28.9	1.617	2.415	16.8	19.5

50931 2000 GT_{67} 12 19.8 85°.40 2°.4/19.7 18

11 17	6 14.71	+16 21.8	2.355	3.183	11.3	19.2
11 27	6 9.18	+16 4.2	2.288	3.192	8.4	19.0
12 7	6 1.98	+15 50.4	2.246	3.200	5.2	18.8
12 17	5 53.76	+15 41.1	2.232	3.209	2.6	18.7
12 27	5 45.39	+15 36.7	2.249	3.218	3.6	18.7
1 6	5 37.72	+15 37.5	2.295	3.226	6.6	18.9
1 16	5 31.48	+15 43.3	2.369	3.235	9.7	19.2
1 26	5 27.20	+15 54.0	2.466	3.243	12.3	19.3

383045 2005 QK_{55} 12 19.8 82°.61 1°.5/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 24.94	+26 10.5	1.501	2.340	16.1	21.0
11 27	6 17.35	+26 31.8	1.455	2.366	11.7	20.8
12 7	6 6.92	+26 49.7	1.432	2.392	6.9	20.6
12 17	5 54.85	+27 0.8	1.436	2.418	2.1	20.3
12 27	5 42.74	+27 3.6	1.468	2.443	4.0	20.5
1 6	5 32.17	+26 59.2	1.529	2.468	8.6	20.9
1 16	5 24.25	+26 50.5	1.615	2.492	12.7	21.2
1 26	5 19.64	+26 40.7	1.722	2.516	16.1	21.5

310853 2003 BH_{24} 12 19.8 325°.17 4°.0/19.3 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.10	+16 19.5	1.553	2.401	15.1	20.4
11 27	6 10.43	+15 29.1	1.469	2.383	11.5	20.1
12 7	6 3.16	+14 41.9	1.408	2.365	7.4	19.8
12 17	5 54.10	+14 0.7	1.373	2.348	4.2	19.6
12 27	5 44.51	+13 28.4	1.365	2.332	5.7	19.7
1 6	5 35.79	+13 7.3	1.383	2.317	9.8	19.9
1 16	5 29.11	+12 58.5	1.425	2.302	14.1	20.1
1 26	5 25.32	+13 1.5	1.487	2.288	17.9	20.3

126247 2002 AL_{67} 12 19.8 123°.34 2°.2/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.09	+16 16.5	1.708	2.542	14.7	20.2
11 27	6 13.73	+16 33.6	1.641	2.549	10.9	20.0
12 7	6 4.89	+16 57.9	1.598	2.555	6.6	19.8
12 17	5 54.45	+17 28.3	1.582	2.562	2.6	19.5
12 27	5 43.67	+18 3.1	1.595	2.568	4.1	19.6
1 6	5 33.87	+18 40.5	1.637	2.574	8.3	19.9
1 16	5 26.12	+19 19.3	1.704	2.579	12.3	20.2
1 26	5 21.17	+19 58.8	1.795	2.585	15.7	20.4

52500 Kanata 12 19.8 308°.88 7°.1/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.66	+38 43.1	1.420	2.252	17.2	18.1
11 27	6 17.58	+39 20.7	1.344	2.240	13.7	17.9
12 7	6 7.69	+39 43.2	1.288	2.229	10.0	17.6
12 17	5 55.13	+39 42.9	1.257	2.218	7.3	17.5
12 27	5 41.88	+39 15.6	1.251	2.207	8.0	17.5
1 6	5 30.08	+38 23.8	1.271	2.196	11.4	17.6
1 16	5 21.46	+37 14.9	1.314	2.186	15.4	17.8
1 26	5 17.00	+35 58.6	1.377	2.176	19.1	18.1

460800 2014 WF_{45} 12 19.8 111°.47 2°.4/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.29	+16 15.9	2.529	3.352	10.8	21.5
11 27	6 9.46	+15 47.5	2.464	3.365	8.0	21.4
12 7	6 2.08	+15 22.4	2.424	3.377	5.0	21.2
12 17	5 53.80	+15 1.4	2.414	3.389	2.6	21.0
12 27	5 45.41	+14 45.6	2.434	3.401	3.6	21.1
1 6	5 37.71	+14 35.4	2.484	3.412	6.4	21.3
1 16	5 31.36	+14 31.2	2.562	3.424	9.2	21.5
1 26	5 26.87	+14 32.7	2.665	3.435	11.6	21.7

383834 2008 FS_{102} 12 19.8 215°.27 0°.0/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.91	+22 6.3	1.701	2.537	14.6	21.7
11 27	6 15.33	+22 29.6	1.621	2.532	10.8	21.4
12 7	6 5.97	+22 55.0	1.566	2.526	6.3	21.2
12 17	5 54.73	+23 19.9	1.537	2.520	1.4	20.8
12 27	5 42.93	+23 42.1	1.538	2.513	3.6	21.0
1 6	5 32.04	+24 0.8	1.567	2.506	8.4	21.3
1 16	5 23.33	+24 16.6	1.623	2.499	12.8	21.5
1 26	5 17.67	+24 31.1	1.701	2.491	16.4	21.7

485110 2010 HZ_{108} 12 19.8 158°.37 32°.7/24.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 39.95	−26 18.9	0.730	1.459	37.8	22.6
11 27	6 30.12	−29 35.6	0.713	1.474	35.7	22.5
12 7	6 15.10	−31 43.6	0.704	1.486	34.0	22.4
12 17	5 56.74	−32 22.9	0.703	1.496	33.0	22.4
12 27	5 38.05	−31 24.3	0.711	1.503	32.8	22.4
1 6	5 22.12	−28 56.0	0.729	1.507	33.3	22.5
1 16	5 11.00	−25 18.0	0.757	1.508	34.6	22.6
1 26	5 5.55	−20 55.7	0.794	1.507	36.1	22.8

24755 1992 UQ_{6} 12 19.8 39°.82 5°.6/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.70	+34 33.3	1.119	1.972	19.4	17.2
11 27	6 17.52	+34 59.3	1.074	1.987	14.7	17.0
12 7	6 7.44	+35 10.8	1.049	2.003	9.8	16.7
12 17	5 55.01	+35 1.8	1.047	2.019	5.9	16.6
12 27	5 42.48	+34 30.7	1.069	2.037	6.9	16.7
1 6	5 32.02	+33 42.3	1.116	2.054	11.1	17.0
1 16	5 25.09	+32 44.5	1.185	2.073	15.6	17.3
1 26	5 22.38	+31 45.4	1.274	2.092	19.3	17.6

422531 2014 TS_{19} 12 19.8 16°.58 2°.4/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.78	+17 39.1	1.843	2.684	13.4	20.5
11 27	6 9.68	+17 21.2	1.776	2.687	9.9	20.3
12 7	6 2.46	+17 7.3	1.733	2.692	6.1	20.1
12 17	5 53.91	+16 57.8	1.717	2.697	2.6	19.9
12 27	5 45.13	+16 53.5	1.730	2.702	4.0	20.0
1 6	5 37.22	+16 54.5	1.771	2.708	7.8	20.3
1 16	5 31.10	+17 1.0	1.837	2.714	11.5	20.5
1 26	5 27.42	+17 12.8	1.926	2.721	14.6	20.7

477384 2009 VY_{22} 12 19.8 58°.69 1°.2/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.75	+20 51.4	1.282	2.134	17.5	21.2
11 27	6 15.30	+20 47.0	1.237	2.155	12.7	21.0
12 7	6 5.85	+20 45.0	1.213	2.176	7.4	20.7
12 17	5 54.65	+20 44.4	1.214	2.197	2.0	20.5
12 27	5 43.38	+20 44.6	1.243	2.218	4.3	20.7
1 6	5 33.69	+20 46.2	1.297	2.240	9.4	21.0
1 16	5 26.74	+20 50.2	1.376	2.262	13.9	21.4
1 26	5 23.20	+20 57.4	1.475	2.283	17.6	21.7

491347 2011 YW_{37} 12 19.8 13°.64 4°.7/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.75	+12 26.6	1.214	2.072	17.8	19.9
11 27	6 9.68	+12 26.9	1.162	2.079	13.5	19.7
12 7	6 2.75	+12 41.4	1.131	2.087	8.8	19.5
12 17	5 54.00	+13 10.4	1.123	2.097	5.0	19.3
12 27	5 44.95	+13 52.8	1.140	2.109	6.1	19.4
1 6	5 37.14	+14 45.4	1.181	2.122	10.3	19.7
1 16	5 31.79	+15 44.4	1.246	2.137	14.7	19.9
1 26	5 29.64	+16 46.2	1.330	2.153	18.4	20.2

434948 2006 UK_{24} 12 19.8 302°.73 5°.1/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.43	+32 37.1	1.345	2.190	17.2	21.2
11 27	6 16.70	+33 26.8	1.269	2.179	13.2	20.9
12 7	6 7.23	+34 9.1	1.215	2.168	8.8	20.6
12 17	5 55.07	+34 36.7	1.184	2.157	5.3	20.4
12 27	5 42.06	+34 44.6	1.181	2.147	6.6	20.4
1 6	5 30.32	+34 32.8	1.202	2.136	11.0	20.6
1 16	5 21.60	+34 6.1	1.247	2.126	15.5	20.9
1 26	5 16.98	+33 31.7	1.311	2.117	19.5	21.1

67291 2000 GN_{65} 12 19.8 322°.83 0°.4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.13	+22 3.3	2.017	2.857	12.5	19.0
11 27	6 10.00	+22 8.4	1.934	2.846	9.2	18.8
12 7	6 2.71	+22 14.5	1.875	2.836	5.4	18.6
12 17	5 54.00	+22 20.5	1.844	2.826	1.2	18.3
12 27	5 44.88	+22 25.8	1.841	2.817	3.1	18.4
1 6	5 36.48	+22 30.3	1.868	2.808	7.2	18.6
1 16	5 29.76	+22 34.9	1.921	2.799	11.0	18.8
1 26	5 25.43	+22 40.3	1.997	2.791	14.2	19.0

442300 2011 SX_{51} 12 19.8 67°.40 5°.8/19.6 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.24	+10 16.1	1.657	2.481	15.5	21.0
11 27	6 13.38	+ 9 21.5	1.618	2.513	11.8	20.9
12 7	6 4.41	+ 8 38.1	1.603	2.545	8.2	20.7
12 17	5 54.31	+ 8 8.8	1.615	2.577	5.9	20.7
12 27	5 44.30	+ 7 55.2	1.655	2.608	6.7	20.8
1 6	5 35.53	+ 7 57.1	1.722	2.639	9.6	21.0
1 16	5 28.85	+ 8 12.6	1.815	2.670	12.7	21.3
1 26	5 24.77	+ 8 39.0	1.929	2.700	15.4	21.5

330183 2006 DJ_{53} 12 19.8 204°.51 3°.2/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.44	+12 31.3	2.614	3.430	10.7	21.8
11 27	6 8.93	+12 16.0	2.533	3.427	8.1	21.7
12 7	6 1.85	+12 6.5	2.477	3.423	5.4	21.5
12 17	5 53.78	+12 3.9	2.450	3.420	3.4	21.3
12 27	5 45.48	+12 8.6	2.454	3.416	4.1	21.4
1 6	5 37.72	+12 20.3	2.488	3.411	6.7	21.5
1 16	5 31.19	+12 38.7	2.549	3.407	9.4	21.7
1 26	5 26.44	+13 2.7	2.635	3.402	11.8	21.9

164393 2005 GP_{1} 12 19.8 152°.08 1°.2/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.98	+25 40.1	2.472	3.299	10.9	19.8
11 27	6 11.01	+26 18.0	2.395	3.301	8.0	19.7
12 7	6 3.17	+26 55.2	2.345	3.303	4.7	19.5
12 17	5 54.09	+27 29.0	2.323	3.304	1.6	19.2
12 27	5 44.69	+27 57.6	2.333	3.306	2.9	19.3
1 6	5 35.93	+28 20.2	2.373	3.308	6.2	19.6
1 16	5 28.63	+28 37.3	2.441	3.309	9.3	19.8
1 26	5 23.45	+28 50.3	2.534	3.311	12.0	19.9

490596 2009 WH_{173} 12 19.8 316°.52 2°.1/19.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.25	+18 43.9	2.155	2.989	12.0	21.0
11 27	6 9.82	+18 13.4	2.076	2.984	8.9	20.8
12 7	6 2.48	+17 44.5	2.022	2.980	5.4	20.5
12 17	5 53.94	+17 18.0	1.997	2.976	2.3	20.3
12 27	5 45.13	+16 55.2	2.000	2.972	3.6	20.4
1 6	5 37.05	+16 37.3	2.034	2.968	7.2	20.6
1 16	5 30.54	+16 25.2	2.094	2.964	10.6	20.8
1 26	5 26.20	+16 19.3	2.177	2.960	13.5	21.0

255563 2006 KH_{49} 12 19.8 114°.48 1°.0/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.91	+24 6.5	1.565	2.400	15.7	20.7
11 27	6 18.14	+24 42.8	1.510	2.420	11.5	20.5
12 7	6 7.48	+25 18.7	1.478	2.438	6.7	20.3
12 17	5 55.04	+25 50.1	1.474	2.456	1.8	20.0
12 27	5 42.37	+26 14.4	1.499	2.474	3.9	20.2
1 6	5 31.05	+26 31.0	1.553	2.491	8.6	20.5
1 16	5 22.31	+26 41.6	1.632	2.507	12.8	20.8
1 26	5 16.86	+26 49.1	1.734	2.522	16.2	21.1

411144 2009 XV_2 12 19.8 6.°00 5.°2/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 16.86	+33 23.7	1.522	2.367	15.5	20.3
11 27	6 12.08	+34 26.4	1.459	2.368	11.9	20.1
12 7	6 4.25	+35 21.5	1.420	2.370	8.1	19.9
12 17	5 54.37	+36 2.7	1.405	2.374	5.4	19.8
12 27	5 44.00	+36 25.7	1.417	2.378	6.4	19.8
1 6	5 34.81	+36 30.4	1.454	2.384	9.8	20.0
1 16	5 28.15	+36 20.1	1.516	2.391	13.5	20.3
1 26	5 24.89	+36 0.1	1.598	2.399	16.8	20.5

185472 2007 BZ_{62} 12 19.8 143.°00 0.°6/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.17	+21 45.6	2.158	2.990	12.1	21.1
11 27	6 11.22	+21 41.4	2.084	2.993	8.8	20.9
12 7	6 3.29	+21 37.7	2.036	2.996	5.1	20.7
12 17	5 54.12	+21 33.7	2.017	2.999	1.3	20.4
12 27	5 44.71	+21 29.4	2.027	3.002	3.0	20.5
1 6	5 36.08	+21 25.2	2.067	3.005	6.8	20.8
1 16	5 29.10	+21 22.0	2.134	3.007	10.3	21.0
1 26	5 24.40	+21 21.0	2.225	3.010	13.2	21.2

231041 2005 EB_{291} 12 19.8 286.°49 4.°7/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.66	+ 8 34.3	2.356	3.169	11.8	20.4
11 27	6 8.55	+ 8 18.9	2.272	3.160	9.2	20.2
12 7	6 1.73	+ 8 13.0	2.213	3.150	6.6	20.0
12 17	5 53.79	+ 8 18.1	2.181	3.141	4.8	19.9
12 27	5 45.54	+ 8 34.8	2.179	3.131	5.4	19.9
1 6	5 37.84	+ 9 2.5	2.205	3.122	7.8	20.0
1 16	5 31.45	+ 9 39.7	2.258	3.113	10.6	20.2
1 26	5 26.98	+10 24.4	2.335	3.104	13.1	20.4

481956 2009 DZ_{110} 12 19.8 280.°01 1.°2/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.14	+17 46.6	1.774	2.610	14.1	20.7
11 27	6 13.27	+18 23.7	1.688	2.598	10.5	20.5
12 7	6 4.81	+19 8.4	1.626	2.586	6.3	20.2
12 17	5 54.52	+19 58.6	1.592	2.573	1.9	19.9
12 27	5 43.59	+20 51.4	1.586	2.561	3.7	20.0
1 6	5 33.37	+21 44.1	1.610	2.549	8.2	20.2
1 16	5 25.06	+22 35.0	1.660	2.537	12.5	20.5
1 26	5 19.56	+23 23.7	1.733	2.525	16.1	20.7

487935 2015 TB_{219} 12 19.8 24.°65 1.°5/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.43	+19 43.7	1.643	2.487	14.6	20.9
11 27	6 11.89	+19 36.3	1.576	2.490	10.8	20.6
12 7	6 3.87	+19 31.7	1.533	2.494	6.4	20.4
12 17	5 54.27	+19 29.6	1.516	2.497	2.1	20.1
12 27	5 44.37	+19 30.0	1.527	2.501	3.9	20.3
1 6	5 35.49	+19 33.0	1.566	2.506	8.3	20.5
1 16	5 28.69	+19 39.2	1.630	2.510	12.4	20.8
1 26	5 24.70	+19 49.0	1.716	2.515	15.9	21.0

513886 2013 RR_{22} 12 19.8 21.°62 5.°1/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.06	+33 6.9	1.091	1.950	19.4	21.0
11 27	6 16.59	+33 35.5	1.037	1.954	14.7	20.8
12 7	6 7.11	+33 52.1	1.003	1.959	9.6	20.5
12 17	5 55.02	+33 50.1	0.991	1.966	5.5	20.3
12 27	5 42.54	+33 27.0	1.003	1.973	6.7	20.4
1 6	5 31.95	+32 46.3	1.040	1.981	11.4	20.7
1 16	5 24.89	+31 55.5	1.098	1.990	16.2	21.0
1 26	5 22.17	+31 2.5	1.175	1.999	20.3	21.3

418519 2008 SX_{57} 12 19.8 50.°24 3.°8/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.37	+33 28.3	2.211	3.035	12.1	20.8
11 27	6 12.31	+34 8.2	2.142	3.040	9.2	20.6
12 7	6 4.03	+34 41.3	2.098	3.045	6.1	20.4
12 17	5 54.32	+35 3.8	2.082	3.051	3.9	20.3
12 27	5 44.29	+35 13.5	2.095	3.056	4.7	20.3
1 6	5 35.12	+35 10.8	2.136	3.062	7.4	20.5
1 16	5 27.78	+34 58.0	2.205	3.068	10.4	20.7
1 26	5 22.96	+34 38.8	2.296	3.073	13.1	20.9

467289 2016 EG_{195} 12 19.8 351.°87 5.°2/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.59	+34 11.6	1.467	2.316	15.8	20.3
11 27	6 11.31	+34 50.6	1.396	2.306	12.2	20.1
12 7	6 3.90	+35 20.2	1.346	2.297	8.3	19.8
12 17	5 54.34	+35 34.8	1.320	2.290	5.4	19.6
12 27	5 44.21	+35 31.2	1.320	2.285	6.3	19.7
1 6	5 35.26	+35 10.4	1.346	2.281	10.0	19.9
1 16	5 28.89	+34 36.6	1.395	2.278	14.0	20.1
1 26	5 26.01	+33 55.9	1.465	2.277	17.5	20.3

321550 2009 SL_{290} 12 19.8 264.°65 4.°2/19.7 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.87	+11 16.6	2.179	3.001	12.4	20.7
11 27	6 9.51	+10 52.3	2.102	2.997	9.5	20.5
12 7	6 2.31	+10 35.8	2.049	2.994	6.5	20.3
12 17	5 53.93	+10 28.6	2.024	2.991	4.4	20.2
12 27	5 45.28	+10 31.7	2.029	2.987	5.1	20.2
1 6	5 37.29	+10 44.9	2.062	2.984	7.9	20.4
1 16	5 30.77	+11 7.2	2.121	2.980	10.9	20.6
1 26	5 26.33	+11 37.1	2.203	2.977	13.7	20.8

50747 2000 EL_{170} 12 19.8 164.°96 2.°3/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.61	+30 4.2	2.692	3.512	10.3	19.6
11 27	6 11.39	+30 37.2	2.615	3.515	7.7	19.5
12 7	6 3.36	+31 6.3	2.565	3.518	4.8	19.3
12 17	5 54.17	+31 28.9	2.544	3.520	2.4	19.1
12 27	5 44.70	+31 43.4	2.555	3.523	3.3	19.2
1 6	5 35.86	+31 49.8	2.595	3.525	6.1	19.4
1 16	5 28.46	+31 49.2	2.664	3.526	8.9	19.6
1 26	5 23.10	+31 43.9	2.758	3.528	11.3	19.7

452498 2004 QG_1 12 19.8 32.°99 4.°5/20.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 28.30	+37 14.6	1.276	2.110	18.6	18.9
11 27	6 19.64	+36 36.3	1.253	2.156	13.9	18.8
12 7	6 7.97	+35 40.3	1.252	2.202	9.0	18.6
12 17	5 55.06	+34 25.7	1.276	2.249	5.1	18.5
12 27	5 42.92	+32 56.9	1.328	2.296	5.6	18.7
1 6	5 33.16	+31 22.0	1.407	2.344	9.3	19.0
1 16	5 26.67	+29 49.5	1.511	2.393	13.2	19.4
1 26	5 23.76	+28 25.5	1.637	2.441	16.3	19.7

104295 2000 EH_{169} 12 19.8 154.°04 3.°1/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.86	+30 51.7	2.268	3.087	12.0	19.1
11 27	6 14.80	+31 40.5	2.196	3.094	9.0	18.9
12 7	6 5.47	+32 24.6	2.150	3.101	5.8	18.7
12 17	5 54.67	+33 0.0	2.134	3.107	3.2	18.5
12 27	5 43.50	+33 23.9	2.147	3.113	4.2	18.6
1 6	5 33.15	+33 36.1	2.191	3.118	7.2	18.8
1 16	5 24.62	+33 38.2	2.263	3.122	10.3	19.0
1 26	5 18.62	+33 33.6	2.358	3.126	13.0	19.2

332589 2008 SU_{165} 12 19.8 226.°68 2.°6/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.76	+31 1.3	2.434	3.257	11.2	20.8
11 27	6 11.71	+31 28.9	2.352	3.253	8.4	20.6
12 7	6 3.65	+31 51.5	2.297	3.249	5.3	20.4
12 17	5 54.27	+32 6.5	2.270	3.245	2.8	20.2
12 27	5 44.54	+32 12.1	2.273	3.240	3.7	20.3
1 6	5 35.50	+32 8.5	2.306	3.236	6.7	20.5
1 16	5 28.06	+31 57.6	2.366	3.231	9.7	20.7
1 26	5 22.88	+31 42.2	2.450	3.226	12.4	20.8

101093 1998 RE_{36} 12 19.8 90.°18 0.°4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.77	+24 36.5	1.553	2.390	15.7	19.9
11 27	6 17.13	+24 37.5	1.505	2.416	11.4	19.7
12 7	6 6.79	+24 36.3	1.480	2.441	6.6	19.5
12 17	5 54.92	+24 30.8	1.483	2.466	1.5	19.2
12 27	5 43.05	+24 20.8	1.514	2.490	3.7	19.4
1 6	5 32.64	+24 7.6	1.574	2.513	8.4	19.8
1 16	5 24.78	+23 53.8	1.659	2.536	12.5	20.1
1 26	5 20.07	+23 42.0	1.767	2.559	15.8	20.3

432961 2012 JH_{25} 12 19.8 132.°22 3.°3/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.61	+29 41.3	1.812	2.636	14.4	21.5
11 27	6 18.62	+30 39.2	1.751	2.652	10.7	21.3
12 7	6 7.82	+31 32.3	1.714	2.667	6.7	21.1
12 17	5 55.20	+32 15.0	1.706	2.681	3.5	20.9
12 27	5 42.22	+32 43.7	1.727	2.695	4.7	21.0
1 6	5 30.42	+32 58.1	1.778	2.707	8.4	21.3
1 16	5 21.02	+33 0.8	1.856	2.719	12.1	21.5
1 26	5 14.79	+32 56.3	1.956	2.730	15.1	21.8

322833 2001 TV_{19} 12 19.8 41.°95 5.°1/18.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.96	+15 18.6	1.487	2.329	16.0	19.4
11 27	6 12.77	+13 50.1	1.442	2.351	12.0	19.2
12 7	6 4.21	+12 27.2	1.421	2.373	7.9	19.0
12 17	5 54.35	+11 14.7	1.426	2.396	5.2	18.9
12 27	5 44.54	+10 17.0	1.458	2.419	6.4	19.0
1 6	5 36.07	+ 9 36.5	1.518	2.443	10.0	19.3
1 16	5 29.85	+ 9 13.6	1.602	2.467	13.5	19.6
1 26	5 26.44	+ 9 6.3	1.706	2.491	16.6	19.8

399760 2005 JK_{106} 12 19.8 239.°92 1.°0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.49	+18 42.7	2.306	3.129	11.7	22.1
11 27	6 13.05	+19 7.1	2.209	3.112	8.7	21.9
12 7	6 4.50	+19 35.9	2.138	3.096	5.2	21.6
12 17	5 54.48	+20 7.6	2.096	3.078	1.5	21.4
12 27	5 43.93	+20 40.6	2.086	3.060	3.1	21.4
1 6	5 33.90	+21 13.7	2.106	3.041	6.9	21.6
1 16	5 25.35	+21 46.1	2.155	3.022	10.4	21.8
1 26	5 19.03	+22 18.1	2.228	3.002	13.5	22.0

141636 2002 JF_{52} 12 19.8 179.°83 1.°2/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.99	+21 34.2	1.760	2.592	14.4	20.4
11 27	6 15.85	+21 9.7	1.685	2.594	10.6	20.2
12 7	6 6.15	+20 44.5	1.635	2.595	6.2	19.9
12 17	5 54.84	+20 18.7	1.613	2.595	1.8	19.6
12 27	5 43.22	+19 53.2	1.621	2.595	3.8	19.8
1 6	5 32.65	+19 29.6	1.657	2.594	8.3	20.0
1 16	5 24.25	+19 10.2	1.720	2.592	12.4	20.3
1 26	5 18.73	+18 56.5	1.806	2.590	15.8	20.5

77386 2001 FV_{148} 12 19.8 305°.70 0°.1/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.23	+25 5.8	1.628	2.472	14.8	19.4
11 27	6 13.43	+24 36.5	1.548	2.462	10.9	19.2
12 7	6 4.91	+24 2.6	1.490	2.452	6.4	18.9
12 17	5 54.58	+23 23.8	1.459	2.442	1.4	18.6
12 27	5 43.84	+22 41.6	1.457	2.433	3.7	18.7
1 6	5 34.13	+21 58.6	1.482	2.423	8.6	19.0
1 16	5 26.65	+21 18.5	1.533	2.414	13.0	19.2
1 26	5 22.21	+20 44.4	1.605	2.406	16.8	19.4

109870 2001 RS_{149} 12 19.8 162°.50 0°.5/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.06	+21 27.5	2.572	3.400	10.5	20.3
11 27	6 9.47	+21 30.7	2.495	3.401	7.7	20.1
12 7	6 2.24	+21 34.8	2.444	3.403	4.5	19.9
12 17	5 53.96	+21 38.9	2.422	3.404	1.1	19.6
12 27	5 45.46	+21 42.7	2.431	3.406	2.6	19.8
1 6	5 37.57	+21 46.3	2.470	3.407	5.9	20.0
1 16	5 31.03	+21 50.2	2.537	3.408	8.9	20.2
1 26	5 26.38	+21 55.1	2.629	3.409	11.5	20.4

129984 1999 UC_{51} 12 19.8 29°.27 4°.6/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.30	+ 9 57.6	1.310	2.151	17.8	18.7
11 27	6 12.90	+10 34.0	1.256	2.163	13.5	18.5
12 7	6 4.63	+11 28.3	1.223	2.175	8.9	18.2
12 17	5 54.53	+12 39.0	1.215	2.188	5.1	18.0
12 27	5 44.09	+14 2.0	1.233	2.202	5.8	18.1
1 6	5 34.87	+15 31.8	1.279	2.217	10.0	18.4
1 16	5 28.10	+17 2.9	1.348	2.233	14.2	18.7
1 26	5 24.55	+18 31.4	1.439	2.249	17.9	19.0

157072 2003 UM_{7} 12 19.8 180°.93 2°.6/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.69	+16 13.2	2.425	3.249	11.2	20.3
11 27	6 9.94	+15 41.6	2.348	3.249	8.3	20.1
12 7	6 2.51	+15 13.1	2.296	3.249	5.2	19.9
12 17	5 54.03	+14 48.8	2.274	3.249	2.8	19.7
12 27	5 45.35	+14 29.8	2.282	3.249	3.8	19.8
1 6	5 37.33	+14 16.9	2.320	3.249	6.8	20.0
1 16	5 30.70	+14 10.7	2.386	3.248	9.8	20.2
1 26	5 26.02	+14 11.0	2.476	3.247	12.4	20.4

512114 2015 OB_{77} 12 19.8 121°.11 5°.0/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.87	+38 45.2	2.184	2.986	13.0	21.4
11 27	6 17.71	+39 9.7	2.124	3.004	10.1	21.3
12 7	6 7.09	+39 21.6	2.089	3.022	7.2	21.1
12 17	5 55.04	+39 17.1	2.082	3.040	5.2	21.0
12 27	5 42.90	+38 54.7	2.105	3.056	5.7	21.1
1 6	5 31.99	+38 16.7	2.157	3.072	8.0	21.3
1 16	5 23.34	+37 27.9	2.236	3.088	10.8	21.5
1 26	5 17.58	+36 34.0	2.339	3.102	13.3	21.7

74866 1999 TA_{93} 12 19.8 87°.59 1°.9/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.35	+25 45.7	1.412	2.255	16.6	19.0
11 27	6 17.37	+26 29.0	1.357	2.271	12.2	18.8
12 7	6 7.25	+27 10.7	1.326	2.286	7.2	18.5
12 17	5 55.12	+27 46.0	1.320	2.301	2.4	18.3
12 27	5 42.70	+28 11.2	1.342	2.317	4.4	18.5
1 6	5 31.71	+28 26.2	1.392	2.331	9.2	18.8
1 16	5 23.49	+28 33.1	1.467	2.346	13.6	19.1
1 26	5 18.82	+28 35.5	1.562	2.361	17.2	19.3

522207 2016 AX_{262} 12 19.8 336°.00 3°.6/19.5 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 13.64	+15 12.5	1.879	2.718	13.3	21.0
11 27	6 8.96	+14 34.2	1.798	2.706	10.0	20.8
12 7	6 2.18	+14 0.6	1.741	2.695	6.5	20.6
12 17	5 54.00	+13 33.5	1.711	2.685	3.8	20.4
12 27	5 45.46	+13 14.8	1.709	2.675	4.9	20.4
1 6	5 37.66	+13 5.6	1.734	2.666	8.4	20.6
1 16	5 31.53	+13 6.1	1.785	2.657	12.0	20.8
1 26	5 27.78	+13 15.7	1.858	2.649	15.2	21.0

341959 2008 QM 12 19.8 157°.46 0°.8/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.52	+21 2.8	1.942	2.772	13.3	22.2
11 27	6 14.58	+21 4.4	1.872	2.779	9.8	22.0
12 7	6 5.36	+21 7.1	1.826	2.785	5.7	21.8
12 17	5 54.70	+21 10.1	1.809	2.791	1.5	21.5
12 27	5 43.76	+21 12.6	1.822	2.797	3.3	21.7
1 6	5 33.76	+21 14.9	1.864	2.801	7.5	21.9
1 16	5 25.69	+21 17.8	1.934	2.805	11.3	22.2
1 26	5 20.23	+21 22.6	2.027	2.808	14.4	22.4

264285 1998 QM 12 19.8 115°.51 5°.9/20.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 31.30	+40 12.8	1.888	2.687	14.9	20.7
11 27	6 21.88	+40 33.8	1.835	2.712	11.6	20.5
12 7	6 9.55	+40 38.7	1.805	2.735	8.4	20.3
12 17	5 55.59	+40 22.7	1.802	2.757	6.1	20.3
12 27	5 41.70	+39 44.6	1.829	2.779	6.5	20.3
1 6	5 29.47	+38 48.4	1.885	2.799	9.0	20.5
1 16	5 20.07	+37 40.9	1.968	2.819	12.0	20.7
1 26	5 14.09	+36 29.5	2.073	2.838	14.7	21.0

348728 2006 DH_{216} 12 19.8 316°.43 2°.4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 17.03	+18 53.6	1.399	2.252	16.2	21.4
11 27	6 12.26	+18 33.9	1.316	2.234	12.1	21.1
12 7	6 4.48	+18 17.6	1.255	2.217	7.4	20.8
12 17	5 54.58	+18 5.3	1.219	2.200	2.8	20.4
12 27	5 43.99	+17 57.8	1.209	2.183	4.8	20.5
1 6	5 34.34	+17 55.9	1.226	2.168	9.9	20.8
1 16	5 27.02	+18 0.5	1.266	2.153	14.8	21.0
1 26	5 23.02	+18 11.9	1.326	2.138	19.0	21.2

288396 2004 CO_{120} 12 19.8 187°.57 1°.1/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.00	+19 58.3	2.431	3.255	11.2	22.5
11 27	6 11.70	+19 52.7	2.350	3.254	8.2	22.3
12 7	6 3.58	+19 48.5	2.295	3.253	4.8	22.1
12 17	5 54.31	+19 45.3	2.270	3.251	1.5	21.8
12 27	5 44.78	+19 43.1	2.276	3.249	2.9	21.9
1 6	5 35.91	+19 42.1	2.312	3.246	6.4	22.2
1 16	5 28.50	+19 43.0	2.376	3.243	9.6	22.4
1 26	5 23.15	+19 46.4	2.465	3.239	12.4	22.5

192139 2006 DC_{198} 12 19.8 302°.90 4°.1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.78	+10 44.0	2.183	3.003	12.4	19.7
11 27	6 9.51	+10 38.1	2.104	2.999	9.5	19.5
12 7	6 2.39	+10 41.5	2.049	2.994	6.5	19.3
12 17	5 54.05	+10 54.9	2.023	2.990	4.2	19.2
12 27	5 45.41	+11 18.3	2.025	2.985	4.9	19.2
1 6	5 37.38	+11 50.8	2.056	2.981	7.7	19.4
1 16	5 30.82	+12 30.9	2.114	2.977	10.8	19.6
1 26	5 26.33	+13 16.4	2.196	2.973	13.6	19.8

148194 2000 BD_{46} 12 19.8 73°.33 3°.5/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.11	+14 56.8	1.428	2.270	16.5	19.9
11 27	6 14.09	+14 51.9	1.368	2.278	12.4	19.7
12 7	6 5.28	+14 55.9	1.330	2.287	7.8	19.5
12 17	5 54.71	+15 8.9	1.318	2.295	3.8	19.3
12 27	5 43.82	+15 30.5	1.333	2.304	5.2	19.4
1 6	5 34.13	+15 59.3	1.375	2.312	9.6	19.6
1 16	5 26.81	+16 33.6	1.441	2.321	13.8	19.9
1 26	5 22.63	+17 12.1	1.529	2.329	17.5	20.2

12581 Rovinj 12 19.8 272°.67 2°.8/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.55	+29 9.1	1.457	2.301	16.2	18.6
11 27	6 16.42	+29 30.5	1.378	2.290	12.2	18.3
12 7	6 6.95	+29 46.6	1.321	2.280	7.5	18.0
12 17	5 55.13	+29 52.7	1.290	2.269	3.2	17.8
12 27	5 42.63	+29 46.4	1.285	2.258	4.8	17.8
1 6	5 31.29	+29 28.4	1.308	2.247	9.7	18.1
1 16	5 22.62	+29 2.8	1.355	2.237	14.4	18.3
1 26	5 17.63	+28 34.7	1.423	2.226	18.4	18.6

516265 2016 VU_{6} 12 19.8 317°.01 1°.8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.34	+25 23.1	1.465	2.313	15.9	20.7
11 27	6 14.70	+26 6.5	1.390	2.306	11.8	20.4
12 7	6 5.91	+26 50.5	1.338	2.299	7.0	20.2
12 17	5 54.90	+27 30.5	1.311	2.293	2.3	19.9
12 27	5 43.22	+28 2.5	1.313	2.287	4.4	20.0
1 6	5 32.58	+28 25.0	1.340	2.281	9.4	20.2
1 16	5 24.44	+28 39.3	1.393	2.276	14.0	20.5
1 26	5 19.77	+28 48.3	1.466	2.271	17.9	20.7

61713 2000 QJ_{141} 12 19.8 123°.72 0°.6/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.11	+24 28.9	1.867	2.698	13.7	19.6
11 27	6 15.09	+24 44.1	1.804	2.712	10.0	19.4
12 7	6 5.67	+24 57.9	1.766	2.725	5.8	19.2
12 17	5 54.78	+25 8.2	1.756	2.738	1.4	18.9
12 27	5 43.67	+25 13.7	1.776	2.751	3.3	19.1
1 6	5 33.62	+25 14.7	1.825	2.763	7.5	19.4
1 16	5 25.66	+25 12.9	1.901	2.774	11.3	19.6
1 26	5 20.44	+25 10.3	2.000	2.785	14.5	19.8

486541 2013 HS_{24} 12 19.8 226°.45 4°.5/19.2 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.69	+11 14.5	2.334	3.148	11.9	22.0
11 27	6 10.78	+10 25.6	2.249	3.139	9.2	21.8
12 7	6 3.07	+ 9 42.4	2.189	3.130	6.4	21.6
12 17	5 54.21	+ 9 7.4	2.158	3.120	4.6	21.4
12 27	5 45.05	+ 8 42.7	2.157	3.110	5.4	21.5
1 6	5 36.51	+ 8 29.3	2.185	3.099	8.0	21.6
1 16	5 29.38	+ 8 27.3	2.241	3.088	10.9	21.8
1 26	5 24.26	+ 8 35.7	2.319	3.077	13.5	21.9

132693 2002 NQ_{33} 12 19.8 95°.92 2°.4/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.93	+31 7.5	2.041	2.862	13.1	19.5
11 27	6 16.10	+31 6.5	1.988	2.888	9.7	19.3
12 7	6 6.08	+30 57.7	1.961	2.914	6.0	19.2
12 17	5 54.83	+30 39.2	1.963	2.940	2.7	19.0
12 27	5 43.63	+30 11.0	1.994	2.965	3.7	19.1
1 6	5 33.65	+29 35.5	2.056	2.990	7.1	19.4
1 16	5 25.80	+28 56.3	2.145	3.013	10.4	19.6
1 26	5 20.64	+28 17.2	2.259	3.037	13.2	19.9

49861 1999 XG_{101} 12 19.8 306°.61 1°.4/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.20	+25 38.8	1.363	2.215	16.6	18.9
11 27	6 14.80	+25 59.7	1.285	2.203	12.4	18.6
12 7	6 6.06	+26 19.3	1.229	2.191	7.4	18.3
12 17	5 54.96	+26 34.1	1.197	2.179	2.2	17.9
12 27	5 43.11	+26 41.4	1.193	2.168	4.4	18.1
1 6	5 32.36	+26 41.3	1.214	2.157	9.8	18.3
1 16	5 24.28	+26 35.9	1.259	2.147	14.8	18.6
1 26	5 19.87	+26 29.0	1.324	2.137	19.0	18.8

406570 2007 YN_{74} 12 19.8 292°.22 7°.8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.43	+ 2 47.8	1.905	2.709	14.6	20.8
11 27	6 10.17	+ 2 4.7	1.832	2.704	11.9	20.6
12 7	6 2.84	+ 1 37.0	1.782	2.699	9.4	20.4
12 17	5 54.17	+ 1 28.2	1.756	2.693	7.9	20.3
12 27	5 45.17	+ 1 40.4	1.758	2.688	8.4	20.4
1 6	5 36.88	+ 2 12.8	1.786	2.683	10.5	20.5
1 16	5 30.23	+ 3 2.6	1.839	2.679	13.3	20.6
1 26	5 25.90	+ 4 5.5	1.913	2.674	15.9	20.8

385692 2005 TH_{52} 12 19.8 353°.81 3°.1/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.69	+18 34.5	1.201	2.062	17.7	20.5
11 27	6 12.13	+17 59.2	1.136	2.058	13.2	20.2
12 7	6 4.40	+17 27.4	1.092	2.054	8.1	19.9
12 17	5 54.55	+17 1.0	1.071	2.051	3.5	19.6
12 27	5 44.24	+16 42.1	1.076	2.049	5.4	19.8
1 6	5 35.21	+16 32.1	1.105	2.049	10.6	20.0
1 16	5 28.83	+16 31.8	1.157	2.049	15.5	20.3
1 26	5 25.97	+16 40.9	1.228	2.050	19.7	20.6

116345 2003 YJ_{84} 12 19.8 262°.91 1°.6/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.28	+17 17.6	2.380	3.207	11.3	19.6
11 27	6 9.81	+17 30.7	2.298	3.203	8.3	19.4
12 7	6 2.54	+17 48.3	2.242	3.198	5.0	19.2
12 17	5 54.10	+18 9.7	2.214	3.194	1.9	19.0
12 27	5 45.34	+18 34.1	2.217	3.189	3.1	19.1
1 6	5 37.16	+19 0.6	2.249	3.185	6.5	19.3
1 16	5 30.37	+19 28.7	2.310	3.180	9.7	19.5
1 26	5 25.59	+19 57.9	2.394	3.176	12.5	19.6

268895 2007 BK_{41} 12 19.8 198°.28 1°.2/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.19	+20 5.3	1.859	2.690	13.7	22.0
11 27	6 14.55	+20 4.2	1.780	2.687	10.2	21.8
12 7	6 5.48	+20 5.2	1.725	2.684	6.0	21.5
12 17	5 54.79	+20 7.6	1.699	2.681	1.8	21.2
12 27	5 43.69	+20 10.8	1.702	2.676	3.6	21.3
1 6	5 33.47	+20 15.0	1.734	2.671	7.9	21.6
1 16	5 25.21	+20 20.9	1.793	2.666	11.9	21.8
1 26	5 19.66	+20 29.3	1.875	2.660	15.3	22.0

230221 2001 TY_{108} 12 19.8 27°.25 4°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.50	+32 25.8	1.245	2.096	17.9	19.6
11 27	6 15.76	+32 40.6	1.189	2.104	13.5	19.4
12 7	6 6.49	+32 44.4	1.155	2.112	8.6	19.1
12 17	5 55.02	+32 32.5	1.144	2.120	4.5	18.9
12 27	5 43.27	+32 3.8	1.159	2.130	5.7	19.0
1 6	5 33.21	+31 21.7	1.200	2.140	10.2	19.3
1 16	5 26.25	+30 32.4	1.263	2.151	14.7	19.6
1 26	5 23.16	+29 42.5	1.347	2.163	18.6	19.9

469458 2002 QE_{54} 12 19.8 56°.50 1°.5/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.46	+27 6.7	1.194	2.047	18.4	21.0
11 27	6 17.53	+27 7.8	1.153	2.071	13.4	20.8
12 7	6 7.28	+27 3.5	1.134	2.096	7.9	20.5
12 17	5 55.14	+26 51.0	1.139	2.121	2.3	20.3
12 27	5 43.07	+26 30.3	1.171	2.146	4.4	20.5
1 6	5 32.89	+26 4.3	1.228	2.172	9.7	20.9
1 16	5 25.83	+25 37.0	1.309	2.197	14.3	21.2
1 26	5 22.50	+25 12.5	1.411	2.223	18.1	21.5

482878 2014 EW_{22} 12 19.8 226°.75 3°.7/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.76	+14 17.9	1.724	2.557	14.6	21.5
11 27	6 12.86	+14 0.0	1.649	2.553	11.0	21.3
12 7	6 4.52	+13 49.3	1.596	2.549	7.1	21.1
12 17	5 54.59	+13 46.9	1.571	2.545	3.9	20.9
12 27	5 44.25	+13 53.4	1.574	2.541	5.1	20.9
1 6	5 34.78	+14 8.6	1.605	2.537	8.9	21.2
1 16	5 27.26	+14 31.6	1.661	2.532	12.8	21.4
1 26	5 22.46	+15 1.2	1.740	2.528	16.2	21.6

274849 2009 QO_{41} 12 19.8 120°.07 4°.0/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 26.73	+32 54.7	1.647	2.473	15.5	21.5
11 27	6 18.90	+33 24.8	1.588	2.489	11.7	21.3
12 7	6 8.05	+33 45.3	1.553	2.503	7.6	21.1
12 17	5 55.35	+33 51.5	1.545	2.518	4.3	20.9
12 27	5 42.44	+33 41.2	1.565	2.531	5.3	21.0
1 6	5 30.97	+33 16.6	1.614	2.545	9.0	21.3
1 16	5 22.20	+32 42.4	1.688	2.557	12.7	21.5
1 26	5 16.85	+32 4.4	1.785	2.569	16.0	21.8

489224 2006 KO_{62} 12 19.8 219°.56 3°.5/19.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.25	+12 37.3	2.617	3.434	10.7	21.6
11 27	6 8.85	+12 6.6	2.535	3.430	8.1	21.5
12 7	6 1.90	+11 41.2	2.479	3.425	5.5	21.3
12 17	5 53.97	+11 22.3	2.452	3.419	3.6	21.2
12 27	5 45.82	+11 11.1	2.455	3.414	4.3	21.2
1 6	5 38.22	+11 8.0	2.488	3.408	6.8	21.4
1 16	5 31.84	+11 12.9	2.548	3.403	9.5	21.5
1 26	5 27.22	+11 25.1	2.632	3.397	11.9	21.7

174246 2002 RN_{158} 12 19.8 153°.08 2°.9/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.30	+30 51.2	1.791	2.617	14.4	20.2
11 27	6 17.69	+31 8.2	1.723	2.625	10.8	20.0
12 7	6 7.32	+31 17.9	1.679	2.633	6.7	19.7
12 17	5 55.20	+31 16.5	1.662	2.639	3.2	19.5
12 27	5 42.80	+31 2.6	1.676	2.646	4.4	19.6
1 6	5 31.62	+30 37.9	1.718	2.651	8.3	19.9
1 16	5 22.83	+30 6.3	1.786	2.656	12.1	20.1
1 26	5 17.18	+29 32.5	1.877	2.660	15.4	20.3

209154 2003 UU_{8} 12 19.8 43°.94 3°.4/20.5 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.30	+11 43.4	1.313	2.153	17.8	19.1
11 27	6 14.97	+12 38.5	1.269	2.177	13.3	18.9
12 7	6 5.78	+13 49.0	1.246	2.202	8.3	18.7
12 17	5 54.85	+15 11.5	1.249	2.227	3.9	18.5
12 27	5 43.75	+16 40.4	1.280	2.253	5.0	18.6
1 6	5 34.03	+18 10.1	1.339	2.279	9.4	18.9
1 16	5 26.88	+19 36.4	1.422	2.306	13.7	19.3
1 26	5 23.00	+20 56.7	1.527	2.332	17.3	19.6

325402 2009 HH_{2} 12 19.8 167°.91 1°.3/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.93	+25 36.9	1.709	2.540	14.8	22.0
11 27	6 17.53	+26 4.2	1.638	2.545	10.9	21.8
12 7	6 7.31	+26 29.8	1.591	2.549	6.4	21.5
12 17	5 55.23	+26 50.1	1.571	2.553	1.9	21.2
12 27	5 42.72	+27 2.9	1.581	2.556	3.8	21.4
1 6	5 31.31	+27 7.9	1.620	2.557	8.4	21.7
1 16	5 22.24	+27 7.4	1.686	2.559	12.5	21.9
1 26	5 16.34	+27 4.3	1.774	2.559	16.0	22.2

216345 Savigliano 12 19.8 278°.79 0°.1/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.69	+22 25.4	1.791	2.630	13.8	20.6
11 27	6 12.94	+22 40.0	1.709	2.621	10.2	20.3
12 7	6 4.65	+22 56.0	1.651	2.612	6.0	20.0
12 17	5 54.64	+23 11.5	1.620	2.603	1.3	19.7
12 27	5 44.12	+23 25.0	1.618	2.594	3.4	19.8
1 6	5 34.42	+23 36.1	1.644	2.585	8.0	20.1
1 16	5 26.69	+23 45.5	1.697	2.576	12.1	20.3
1 26	5 21.75	+23 54.7	1.772	2.567	15.7	20.5

441867 2009 YA_{15} 12 19.8 312°.75 3°.4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.60	+30 37.9	1.405	2.253	16.5	21.2
11 27	6 15.14	+30 56.3	1.326	2.240	12.4	20.9
12 7	6 6.28	+31 7.4	1.269	2.227	7.9	20.6
12 17	5 55.05	+31 6.6	1.237	2.215	3.8	20.3
12 27	5 43.12	+30 51.4	1.231	2.203	5.2	20.4
1 6	5 32.37	+30 23.3	1.251	2.191	10.0	20.6
1 16	5 24.36	+29 46.9	1.295	2.180	14.7	20.9
1 26	5 20.08	+29 8.0	1.359	2.169	18.7	21.1

518690 2008 WO_{27} 12 19.8 210°.63 2°.9/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.95	+28 54.9	1.746	2.580	14.4	21.6
11 27	6 15.49	+29 37.4	1.671	2.578	10.7	21.3
12 7	6 6.21	+30 16.4	1.620	2.576	6.7	21.1
12 17	5 55.00	+30 47.3	1.596	2.574	3.1	20.9
12 27	5 43.27	+31 6.8	1.601	2.572	4.5	21.0
1 6	5 32.52	+31 14.4	1.634	2.569	8.6	21.2
1 16	5 24.03	+31 12.5	1.694	2.566	12.5	21.4
1 26	5 18.66	+31 4.9	1.775	2.563	15.9	21.7

27157 1998 YK_{27} 12 19.8 258°.61 1°.4/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.15	+19 20.5	2.461	3.289	10.9	18.8
11 27	6 9.68	+19 6.4	2.373	3.279	8.0	18.6
12 7	6 2.47	+18 53.8	2.312	3.269	4.8	18.4
12 17	5 54.13	+18 43.0	2.279	3.259	1.7	18.2
12 27	5 45.49	+18 34.1	2.276	3.249	3.0	18.3
1 6	5 37.44	+18 27.8	2.304	3.239	6.4	18.5
1 16	5 30.74	+18 24.7	2.359	3.229	9.6	18.6
1 26	5 25.99	+18 25.3	2.439	3.218	12.3	18.8

195804 2002 QB_{12} 12 19.8 15°.92 0°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.90	+25 6.1	1.739	2.585	13.9	19.1
11 27	6 10.74	+24 53.6	1.675	2.590	10.2	18.8
12 7	6 3.24	+24 38.3	1.634	2.596	5.9	18.6
12 17	5 54.30	+24 19.7	1.620	2.603	1.4	18.3
12 27	5 45.15	+23 58.2	1.635	2.611	3.3	18.5
1 6	5 37.02	+23 35.2	1.677	2.619	7.7	18.8
1 16	5 30.91	+23 13.0	1.745	2.628	11.6	19.0
1 26	5 27.46	+22 53.7	1.835	2.638	14.9	19.3

295492 2008 RT_{22} 12 19.8 78°.55 0°.7/19.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.41	+25 8.7	1.540	2.380	15.7	20.9
11 27	6 16.26	+25 12.1	1.492	2.404	11.4	20.7
12 7	6 6.40	+25 12.7	1.466	2.427	6.6	20.5
12 17	5 54.99	+25 8.7	1.468	2.450	1.6	20.2
12 27	5 43.54	+24 59.5	1.497	2.473	3.7	20.4
1 6	5 33.51	+24 46.6	1.555	2.496	8.4	20.7
1 16	5 26.00	+24 32.5	1.639	2.518	12.5	21.0
1 26	5 21.61	+24 19.9	1.744	2.540	15.8	21.3

494777 2006 KN_{44} 12 19.8 282°.71 2°.4/20.1 17

11 17	6 16.02	+14 31.9	2.264	3.088	11.9	21.6
11 27	6 10.53	+14 51.5	2.173	3.075	8.9	21.4
12 7	6 3.08	+15 18.5	2.108	3.061	5.6	21.2
12 17	5 54.31	+15 52.4	2.070	3.047	2.7	21.0
12 27	5 45.09	+16 32.1	2.063	3.034	3.6	21.0
1 6	5 36.39	+17 15.9	2.086	3.020	7.0	21.2
1 16	5 29.11	+18 2.4	2.136	3.006	10.4	21.4
1 26	5 23.93	+18 50.4	2.211	2.992	13.4	21.6

76823 2000 SN_{60} 12 19.8 286°.04 3°.3/19.9 18

11 17	6 23.17	+29 39.2	1.335	2.182	17.2	19.8
11 27	6 17.11	+30 8.1	1.262	2.176	12.9	19.6
12 7	6 7.47	+30 31.1	1.212	2.170	8.1	19.3
12 17	5 55.34	+30 43.0	1.186	2.164	3.7	19.0
12 27	5 42.54	+30 40.4	1.186	2.159	5.3	19.1
1 6	5 31.07	+30 24.3	1.213	2.153	10.3	19.3
1 16	5 22.54	+29 59.0	1.263	2.147	15.1	19.6
1 26	5 17.94	+29 30.5	1.333	2.142	19.1	19.9

238154 2003 ST_{50} 12 19.8 41°.81 2°.9/19.6 18

11 17	6 12.26	+14 15.7	2.614	3.438	10.5	19.3
11 27	6 7.33	+13 50.0	2.552	3.452	7.8	19.2
12 7	6 0.98	+13 28.9	2.516	3.466	5.1	19.0
12 17	5 53.79	+13 13.6	2.508	3.480	3.0	18.9
12 27	5 46.50	+13 4.8	2.530	3.494	3.8	19.0
1 6	5 39.83	+13 2.7	2.582	3.508	6.3	19.2
1 16	5 34.39	+13 7.1	2.661	3.523	8.9	19.4
1 26	5 30.65	+13 17.4	2.764	3.538	11.2	19.5

386691 2009 WT_{9} 12 19.8 6°.59 3°.3/19.9 18

11 17	6 14.75	+16 29.3	1.012	1.885	19.4	20.0
11 27	6 11.09	+16 27.4	0.958	1.884	14.5	19.7
12 7	6 3.96	+16 35.9	0.922	1.886	8.9	19.4
12 17	5 54.54	+16 55.0	0.909	1.889	3.8	19.1
12 27	5 44.63	+17 23.5	0.919	1.894	5.6	19.3
1 6	5 36.16	+17 59.4	0.953	1.901	11.1	19.6
1 16	5 30.62	+18 40.2	1.007	1.909	16.3	19.9
1 26	5 28.89	+19 24.0	1.080	1.918	20.7	20.2

68845 2002 GU_{137} 12 19.8 187°.54 0°.9/19.9 18

11 17	6 17.55	+26 23.0	2.530	3.355	10.7	20.6
11 27	6 11.41	+26 25.6	2.450	3.355	7.9	20.4
12 7	6 3.46	+26 25.5	2.396	3.354	4.6	20.2
12 17	5 54.37	+26 21.3	2.371	3.353	1.3	20.0
12 27	5 45.03	+26 12.7	2.377	3.351	2.7	20.1
1 6	5 36.38	+26 0.3	2.413	3.349	6.1	20.3
1 16	5 29.19	+25 45.6	2.478	3.347	9.2	20.5
1 26	5 24.06	+25 30.4	2.567	3.345	11.8	20.7

14693 Selwyn 12 19.8 218°.36 1°.0/19.8 18

11 17	6 21.32	+21 0.4	1.935	2.765	13.4	19.0
11 27	6 14.66	+20 54.9	1.850	2.757	9.9	18.8
12 7	6 5.58	+20 50.4	1.789	2.748	5.8	18.5
12 17	5 54.88	+20 46.0	1.756	2.738	1.6	18.2
12 27	5 43.72	+20 41.5	1.753	2.728	3.4	18.3
1 6	5 33.36	+20 37.5	1.780	2.717	7.8	18.6
1 16	5 24.89	+20 35.1	1.833	2.705	11.8	18.8
1 26	5 19.08	+20 35.4	1.910	2.693	15.1	19.0

115825 2003 US_{252} 12 19.8 334°.91 2°.2/19.8 18

11 17	6 16.73	+28 0.1	1.996	2.832	12.7	19.2
11 27	6 11.39	+28 33.5	1.916	2.825	9.4	19.0
12 7	6 3.71	+29 4.3	1.861	2.818	5.8	18.8
12 17	5 54.47	+29 29.5	1.833	2.812	2.5	18.5
12 27	5 44.77	+29 46.6	1.834	2.806	3.8	18.6
1 6	5 35.83	+29 55.4	1.864	2.800	7.5	18.8
1 16	5 28.72	+29 57.1	1.920	2.795	11.1	19.0
1 26	5 24.20	+29 54.3	1.998	2.790	14.2	19.2

182503 2001 SQ_{242} 12 19.8 46°.33 0°.7/19.8 18

11 17	6 17.98	+20 52.3	1.736	2.577	14.1	20.1
11 27	6 12.26	+21 1.8	1.672	2.585	10.3	19.8
12 7	6 4.16	+21 13.6	1.631	2.592	6.0	19.6
12 17	5 54.55	+21 26.5	1.618	2.600	1.5	19.3
12 27	5 44.66	+21 39.3	1.633	2.608	3.4	19.5
1 6	5 35.74	+21 51.7	1.676	2.617	7.8	19.8
1 16	5 28.85	+22 4.1	1.745	2.625	11.8	20.0
1 26	5 24.66	+22 17.3	1.836	2.634	15.1	20.3

218219 2002 VO_{11} 12 19.8 74°.19 1°.9/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.45	+27 20.9	1.391	2.232	17.0	20.2
11 27	6 18.66	+27 39.1	1.350	2.262	12.4	20.0
12 7	6 7.84	+27 52.2	1.332	2.292	7.3	19.8
12 17	5 55.33	+27 56.6	1.340	2.321	2.5	19.5
12 27	5 42.89	+27 51.2	1.376	2.350	4.3	19.7
1 6	5 32.16	+27 37.7	1.439	2.379	9.0	20.1
1 16	5 24.32	+27 20.0	1.527	2.407	13.2	20.4
1 26	5 19.98	+27 2.0	1.637	2.434	16.6	20.7

187829 1999 VT_{58} 12 19.8 44°.33 1°.4/19.8 18

11 17	6 21.10	+25 52.8	1.572	2.415	15.3	19.1
11 27	6 14.46	+26 18.2	1.536	2.449	11.1	19.0
12 7	6 5.31	+26 40.6	1.524	2.484	6.4	18.8
12 17	5 54.77	+26 57.1	1.538	2.520	2.0	18.6
12 27	5 44.28	+27 6.3	1.580	2.555	3.7	18.8
1 6	5 35.20	+27 8.8	1.651	2.591	8.0	19.1
1 16	5 28.52	+27 6.9	1.747	2.627	11.8	19.4
1 26	5 24.79	+27 3.0	1.865	2.663	14.9	19.7

41374 2000 AW_{101} 12 19.8 91°.87 0°.2/19.9 18

11 17	6 21.97	+21 14.9	1.799	2.632	14.1	19.1
11 27	6 14.99	+21 44.3	1.745	2.654	10.3	18.9
12 7	6 5.65	+22 15.9	1.715	2.675	5.9	18.7
12 17	5 54.87	+22 47.0	1.713	2.696	1.3	18.4
12 27	5 43.93	+23 15.5	1.741	2.717	3.3	18.6
1 6	5 34.07	+23 40.5	1.798	2.737	7.6	18.9
1 16	5 26.32	+24 2.3	1.882	2.757	11.4	19.2
1 26	5 21.31	+24 22.2	1.989	2.776	14.5	19.4

150097 4319 T_{-2} 12 19.8 70°.63 1°.3/19.8 18

11 17	6 25.19	+25 19.3	1.360	2.204	17.1	19.8
11 27	6 17.82	+25 42.9	1.318	2.232	12.5	19.6
12 7	6 7.42	+26 4.0	1.298	2.259	7.3	19.4
12 17	5 55.27	+26 19.1	1.304	2.286	2.0	19.1
12 27	5 43.11	+26 26.2	1.338	2.313	4.1	19.3
1 6	5 32.59	+26 26.3	1.399	2.340	9.0	19.7
1 16	5 24.92	+26 22.1	1.484	2.366	13.4	20.0
1 26	5 20.73	+26 16.8	1.591	2.392	16.9	20.3

364989 2008 JT_{12} 12 19.8 174°.54 1°.8/19.9 18

11 17	6 17.13	+16 45.7	2.230	3.056	11.9	21.3
11 27	6 11.25	+16 59.7	2.154	3.057	8.8	21.1
12 7	6 3.45	+17 18.8	2.102	3.058	5.4	20.9
12 17	5 54.41	+17 42.3	2.079	3.059	2.1	20.7
12 27	5 45.06	+18 9.1	2.087	3.059	3.3	20.8
1 6	5 36.37	+18 38.4	2.124	3.059	6.8	21.0
1 16	5 29.21	+19 9.2	2.189	3.059	10.2	21.2
1 26	5 24.20	+19 41.2	2.278	3.059	13.0	21.4

441175 2007 TY_{387} 12 19.8 97°.38 1°.9/19.9 18

11 17	6 22.33	+27 37.2	1.825	2.657	13.9	21.7
11 27	6 15.35	+28 2.1	1.767	2.674	10.2	21.5
12 7	6 5.90	+28 23.1	1.734	2.692	6.1	21.3
12 17	5 54.95	+28 37.1	1.729	2.709	2.3	21.1
12 27	5 43.81	+28 42.4	1.753	2.726	3.7	21.2
1 6	5 33.81	+28 39.6	1.805	2.742	7.7	21.5
1 16	5 26.00	+28 31.2	1.885	2.758	11.4	21.8
1 26	5 21.04	+28 20.2	1.987	2.774	14.5	22.0

220009 2002 PO_{102} 12 19.8 325°.51 12°.7/23.9 18

11 17	6 37.58	+53 8.4	1.227	2.013	22.0	18.5
11 27	6 29.09	+52 59.4	1.145	1.996	19.0	18.3
12 7	6 14.84	+52 10.9	1.080	1.979	15.9	18.0
12 17	5 56.98	+50 28.9	1.036	1.963	13.3	17.8
12 27	5 39.02	+47 48.6	1.016	1.948	12.8	17.7
1 6	5 24.30	+44 21.3	1.021	1.934	14.9	17.8
1 16	5 14.77	+40 29.3	1.051	1.921	18.5	18.0
1 26	5 10.95	+36 36.3	1.102	1.910	22.4	18.2

218267 2003 CX_{17} 12 19.8 248°.50 3°.6/20.3 18

11 17	6 21.97	+35 20.9	2.316	3.128	12.0	20.9
11 27	6 15.03	+35 24.8	2.222	3.113	9.3	20.7
12 7	6 5.76	+35 18.9	2.153	3.098	6.2	20.5
12 17	5 54.94	+35 0.1	2.112	3.082	3.9	20.3
12 27	5 43.74	+34 27.5	2.102	3.065	4.5	20.3
1 6	5 33.36	+33 42.5	2.121	3.048	7.4	20.5
1 16	5 24.86	+32 49.2	2.168	3.031	10.6	20.7
1 26	5 18.95	+31 52.5	2.240	3.013	13.5	20.8

438886 2009 SP_{163} 12 19.8 18°.50 4°.6/19.7 18

11 17	6 19.47	+29 55.2	1.053	1.919	19.3	19.9
11 27	6 14.82	+30 53.2	1.003	1.926	14.5	19.6
12 7	6 6.26	+31 45.0	0.973	1.933	9.2	19.4
12 17	5 55.09	+32 23.1	0.965	1.942	4.9	19.2
12 27	5 43.45	+32 42.6	0.982	1.953	6.4	19.3
1 6	5 33.56	+32 43.7	1.022	1.964	11.3	19.6
1 16	5 27.06	+32 31.3	1.083	1.977	16.1	19.9
1 26	5 24.83	+32 11.5	1.163	1.991	20.2	20.2

454007 2012 DQ_{33} 12 19.8 299°.35 8°.6/20.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 14.98	+ 0 6.4	1.949	2.741	14.7	21.5
11 27	6 9.96	− 0 28.3	1.864	2.725	12.3	21.3
12 7	6 2.85	− 0 45.6	1.801	2.708	10.0	21.1
12 17	5 54.31	− 0 41.5	1.764	2.691	8.7	21.0
12 27	5 45.31	− 0 14.0	1.752	2.675	9.0	21.0
1 6	5 36.91	+ 0 35.9	1.767	2.658	11.0	21.0
1 16	5 30.05	+ 1 44.9	1.807	2.642	13.7	21.2
1 26	5 25.48	+ 3 8.0	1.868	2.626	16.3	21.3

245809 2006 HL_{121} 12 19.8 48°.43 8°.3/20.9 18

11 17	6 18.98	+ 3 30.2	1.387	2.208	18.2	19.8
11 27	6 12.95	+ 3 6.1	1.351	2.235	14.5	19.6
12 7	6 4.47	+ 3 3.3	1.336	2.264	10.9	19.5
12 17	5 54.62	+ 3 24.2	1.344	2.293	8.6	19.4
12 27	5 44.77	+ 4 8.1	1.378	2.322	8.9	19.5
1 6	5 36.25	+ 5 10.9	1.438	2.351	11.4	19.7
1 16	5 30.02	+ 6 27.0	1.521	2.381	14.4	20.0
1 26	5 26.67	+ 7 50.4	1.625	2.410	17.3	20.3

274532 2008 SD_{220} 12 19.8 168°.91 5°.2/19.5 17

11 17	6 14.34	+ 7 35.3	2.464	3.271	11.6	21.1
11 27	6 8.97	+ 6 54.2	2.391	3.272	9.1	21.0
12 7	6 2.02	+ 6 21.8	2.343	3.273	6.7	20.8
12 17	5 54.09	+ 6 0.5	2.323	3.274	5.2	20.7
12 27	5 45.96	+ 5 51.8	2.332	3.275	5.8	20.8
1 6	5 38.44	+ 5 55.7	2.370	3.275	7.9	20.9
1 16	5 32.20	+ 6 11.5	2.434	3.276	10.3	21.1
1 26	5 27.78	+ 6 37.2	2.522	3.276	12.6	21.2

102600 1999 VC_5 12 19.8 7°.78 2°.9/19.8 18

11 17	6 17.16	+27 39.8	1.208	2.070	17.6	18.4
11 27	6 12.74	+28 19.7	1.149	2.072	13.1	18.1
12 7	6 4.91	+28 56.5	1.112	2.074	8.0	17.9
12 17	5 54.80	+29 25.0	1.098	2.078	3.3	17.6
12 27	5 44.20	+29 41.8	1.109	2.083	5.1	17.7
1 6	5 34.99	+29 46.7	1.145	2.089	10.1	18.0
1 16	5 28.67	+29 42.5	1.203	2.097	14.9	18.3
1 26	5 26.10	+29 33.4	1.281	2.106	18.9	18.6

227715 2006 DC_{169} 12 19.8 337°.98 3°.2/19.8 18

11 17	6 17.14	+30 11.2	1.750	2.591	14.0	20.0
11 27	6 12.05	+30 46.0	1.671	2.581	10.5	19.7
12 7	6 4.28	+31 16.3	1.615	2.571	6.7	19.5
12 17	5 54.66	+31 37.8	1.586	2.562	3.4	19.3
12 27	5 44.49	+31 47.9	1.584	2.554	4.6	19.3
1 6	5 35.23	+31 46.6	1.610	2.547	8.5	19.5
1 16	5 28.08	+31 36.0	1.661	2.540	12.4	19.8
1 26	5 23.92	+31 20.1	1.734	2.533	15.8	20.0

480937 2003 QY_{35} 12 19.8 61°.98 8°.5/21.2 17

11 17	6 30.76	+44 3.6	1.523	2.328	17.5	20.9
11 27	6 22.17	+44 46.7	1.486	2.358	14.1	20.7
12 7	6 10.00	+45 8.0	1.469	2.388	10.9	20.6
12 17	5 55.85	+45 0.9	1.477	2.418	8.7	20.6
12 27	5 41.87	+44 23.7	1.512	2.449	8.9	20.6
1 6	5 30.07	+43 21.8	1.572	2.478	11.1	20.8
1 16	5 21.72	+42 4.3	1.657	2.508	13.9	21.1
1 26	5 17.38	+40 40.9	1.763	2.538	16.5	21.3

298034 2002 PR_{156} 12 19.8 61°.40 0°.2/19.8 18

11 17	6 20.25	+22 54.4	1.594	2.437	15.1	20.8
11 27	6 13.96	+22 56.1	1.541	2.455	11.0	20.6
12 7	6 5.13	+22 57.7	1.512	2.473	6.4	20.4
12 17	5 54.79	+22 57.8	1.509	2.492	1.4	20.1
12 27	5 44.32	+22 55.9	1.535	2.511	3.5	20.3
1 6	5 35.10	+22 52.6	1.588	2.530	8.1	20.6
1 16	5 28.15	+22 49.4	1.667	2.549	12.2	20.9
1 26	5 24.13	+22 47.9	1.768	2.568	15.5	21.1

285480 2000 BZ_{23} 12 19.8 341°.32 0°.4/19.9 18

11 17	6 17.78	+18 50.7	1.851	2.687	13.6	19.8
11 27	6 12.27	+19 49.6	1.770	2.681	10.0	19.5
12 7	6 4.32	+20 55.9	1.714	2.674	5.9	19.3
12 17	5 54.67	+22 6.4	1.686	2.669	1.4	19.0
12 27	5 44.44	+23 17.1	1.687	2.663	3.3	19.1
1 6	5 34.90	+24 24.5	1.718	2.659	7.7	19.4
1 16	5 27.18	+25 26.5	1.776	2.654	11.7	19.6
1 26	5 22.11	+26 22.9	1.857	2.651	15.1	19.8

515622 2014 KC_{104} 12 19.8 142°.79 4°.0/19.8 18

11 17	6 22.43	+34 44.3	2.399	3.209	11.7	21.8
11 27	6 15.21	+35 28.3	2.331	3.220	9.0	21.7
12 7	6 5.79	+36 4.6	2.288	3.230	6.1	21.5
12 17	5 54.96	+36 29.3	2.274	3.239	4.1	21.4
12 27	5 43.83	+36 40.2	2.291	3.248	4.7	21.5
1 6	5 33.56	+36 37.5	2.338	3.257	7.3	21.6
1 16	5 25.12	+36 23.9	2.412	3.265	10.0	21.8
1 26	5 19.19	+36 3.2	2.510	3.272	12.5	22.0

11125 1996 TL_{10} 12 19.8 61°.29 3°.2/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.58	+30 34.3	1.213	2.062	18.4	17.8
11 27	6 18.56	+30 44.6	1.168	2.082	13.7	17.6
12 7	6 8.03	+30 45.4	1.144	2.102	8.4	17.4
12 17	5 55.45	+30 32.6	1.144	2.123	3.7	17.2
12 27	5 42.85	+30 5.6	1.171	2.144	5.2	17.3
1 6	5 32.18	+29 28.2	1.224	2.165	10.0	17.7
1 16	5 24.74	+28 46.1	1.300	2.187	14.5	18.0
1 26	5 21.20	+28 5.3	1.397	2.208	18.3	18.3

382701 2002 VR_{135} 12 19.8 357°.34 1°.3/19.9 18

11 17	6 18.04	+25 22.2	1.133	1.999	18.3	21.1
11 27	6 13.55	+25 39.6	1.070	1.995	13.5	20.8
12 7	6 5.48	+25 55.7	1.028	1.992	8.0	20.5
12 17	5 54.96	+26 6.9	1.008	1.991	2.2	20.2
12 27	5 43.86	+26 10.8	1.014	1.990	4.6	20.3
1 6	5 34.18	+26 8.0	1.043	1.991	10.5	20.7
1 16	5 27.50	+26 1.3	1.095	1.993	15.7	21.0
1 26	5 24.76	+25 53.8	1.166	1.995	20.0	21.2

36302 2000 JX_{33} 12 19.8 135°.21 1°.6/19.9 18

11 17	6 20.10	+28 3.5	2.085	2.913	12.6	19.6
11 27	6 13.58	+28 10.4	2.014	2.920	9.3	19.4
12 7	6 4.85	+28 12.9	1.969	2.927	5.6	19.2
12 17	5 54.75	+28 8.9	1.952	2.933	2.0	18.9
12 27	5 44.43	+27 57.9	1.965	2.939	3.3	19.0
1 6	5 35.03	+27 40.9	2.008	2.945	7.0	19.3
1 16	5 27.50	+27 20.1	2.078	2.950	10.5	19.5
1 26	5 22.50	+26 58.6	2.171	2.955	13.5	19.7

8303 Miyaji 12 19.8 332°.89 1°.6/19.8 18

11 17	6 21.04	+25 31.2	1.235	2.091	17.7	17.5
11 27	6 15.65	+25 58.9	1.166	2.086	13.1	17.2
12 7	6 6.69	+26 25.8	1.118	2.081	7.8	16.9
12 17	5 55.25	+26 47.7	1.095	2.077	2.4	16.5
12 27	5 43.13	+27 1.2	1.097	2.073	4.7	16.7
1 6	5 32.31	+27 6.1	1.125	2.069	10.3	17.0
1 16	5 24.41	+27 4.9	1.175	2.066	15.4	17.3
1 26	5 20.44	+27 1.2	1.245	2.063	19.7	17.5

46288 2001 KK_{43} 12 19.9 348°.25 0°.0/19.8 18

11 17	6 16.93	+21 27.1	2.112	2.945	12.2	18.6
11 27	6 11.32	+22 0.6	2.035	2.944	9.0	18.4
12 7	6 3.61	+22 36.7	1.982	2.943	5.2	18.2
12 17	5 54.51	+23 13.4	1.959	2.942	1.2	17.9
12 27	5 45.02	+23 48.5	1.965	2.941	2.9	18.0
1 6	5 36.22	+24 20.7	2.001	2.940	6.9	18.3
1 16	5 29.06	+24 49.7	2.064	2.939	10.5	18.5
1 26	5 24.22	+25 16.1	2.151	2.939	13.5	18.7

52126 4284 $P–L$ 12 19.9 100°.37 3°.0/19.7 18

11 17	6 22.19	+17 29.0	1.522	2.360	15.9	19.5
11 27	6 15.40	+16 57.9	1.466	2.375	11.8	19.3
12 7	6 6.00	+16 31.1	1.432	2.390	7.2	19.1
12 17	5 55.03	+16 9.7	1.426	2.404	3.3	18.9
12 27	5 43.91	+15 54.9	1.448	2.418	4.8	19.0
1 6	5 34.07	+15 47.6	1.497	2.432	9.1	19.3
1 16	5 26.57	+15 48.3	1.571	2.446	13.2	19.6
1 26	5 22.10	+15 56.4	1.667	2.459	16.6	19.9

1022 Olympiada 12 19.9 220°.30 3°.9/20.3 18 R

11 17	6 17.71	+ 9 15.7	2.427	3.232	11.7	15.4
11 27	6 11.59	+ 9 29.2	2.339	3.224	9.1	15.2
12 7	6 3.66	+ 9 52.9	2.276	3.216	6.2	15.0
12 17	5 54.53	+10 27.0	2.242	3.208	4.1	14.9
12 27	5 45.01	+11 10.9	2.239	3.198	4.6	14.9
1 6	5 36.03	+12 2.8	2.267	3.189	7.3	15.0
1 16	5 28.37	+13 0.6	2.322	3.179	10.2	15.2
1 26	5 22.68	+14 2.0	2.403	3.169	12.9	15.4

325406 2009 HX_{91} 12 19.9 172°.69 3°.0/19.7 18

11 17	6 22.10	+17 47.1	1.473	2.313	16.2	20.8
11 27	6 15.63	+17 17.2	1.404	2.315	12.1	20.6
12 7	6 6.31	+16 51.2	1.358	2.316	7.4	20.3
12 17	5 55.13	+16 30.0	1.339	2.317	3.3	20.1
12 27	5 43.58	+16 15.0	1.347	2.318	5.0	20.2
1 6	5 33.20	+16 7.2	1.382	2.318	9.6	20.5
1 16	5 25.22	+16 7.5	1.442	2.318	14.0	20.7
1 26	5 20.44	+16 15.6	1.522	2.318	17.8	21.0

427787 2005 ES_{162} 12 19.9 209°.66 3°.0/19.9 18

11 17	6 24.57	+29 49.7	1.612	2.446	15.4	21.9
11 27	6 17.66	+30 18.6	1.535	2.442	11.5	21.7
12 7	6 7.63	+30 42.0	1.482	2.438	7.2	21.4
12 17	5 55.46	+30 55.0	1.455	2.433	3.4	21.2
12 27	5 42.72	+30 55.0	1.457	2.428	4.8	21.3
1 6	5 31.11	+30 42.6	1.487	2.422	9.1	21.5
1 16	5 22.05	+30 21.4	1.542	2.416	13.4	21.7
1 26	5 16.43	+29 56.4	1.618	2.410	17.0	22.0

85404 1996 TD_{33} 12 19.9 60°.62 3°.1/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.21	+16 42.2	1.704	2.540	14.6	19.0
11 27	6 12.88	+16 7.1	1.657	2.565	10.8	18.8
12 7	6 4.37	+15 36.9	1.634	2.590	6.7	18.6
12 17	5 54.64	+15 12.9	1.639	2.615	3.3	18.5
12 27	5 44.91	+14 56.4	1.672	2.641	4.6	18.6
1 6	5 36.35	+14 48.0	1.733	2.666	8.3	18.9
1 16	5 29.82	+14 47.7	1.820	2.691	11.8	19.2
1 26	5 25.90	+14 55.0	1.929	2.716	14.8	19.4

396705 2002 TG_{375} 12 19.9 69°.25 8°.6/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.43	+ 1 30.9	1.744	2.545	15.8	20.9
11 27	6 11.57	+ 0 40.5	1.697	2.564	13.0	20.8
12 7	6 3.64	+ 0 8.4	1.671	2.583	10.3	20.6
12 17	5 54.50	− 0 1.6	1.671	2.602	8.7	20.6
12 27	5 45.26	+ 0 11.7	1.697	2.621	9.1	20.7
1 6	5 37.02	+ 0 46.7	1.748	2.641	11.0	20.8
1 16	5 30.64	+ 1 39.5	1.824	2.660	13.5	21.0
1 26	5 26.69	+ 2 44.9	1.921	2.679	15.9	21.2

40535 1999 RG_{103} 12 19.9 59°.79 6°.6/19.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.25	+10 24.6	1.507	2.340	16.3	18.2
11 27	6 13.13	+ 9 9.3	1.459	2.358	12.6	18.0
12 7	6 4.61	+ 8 5.0	1.434	2.376	9.0	17.9
12 17	5 54.72	+ 7 16.1	1.435	2.395	6.7	17.8
12 27	5 44.77	+ 6 45.9	1.462	2.414	7.6	17.9
1 6	5 36.05	+ 6 35.1	1.516	2.433	10.7	18.1
1 16	5 29.52	+ 6 42.2	1.594	2.452	14.0	18.4
1 26	5 25.78	+ 7 3.8	1.692	2.471	16.9	18.6

337063 1997 TQ_3 12 19.9 118°.83 1°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.86	+26 44.9	1.842	2.672	14.0	21.9
11 27	6 16.43	+26 57.0	1.783	2.689	10.2	21.7
12 7	6 6.54	+27 5.4	1.748	2.706	6.0	21.4
12 17	5 55.17	+27 7.7	1.741	2.723	1.9	21.2
12 27	5 43.64	+27 2.8	1.764	2.738	3.5	21.4
1 6	5 33.28	+26 51.7	1.816	2.754	7.6	21.6
1 16	5 25.11	+26 37.1	1.896	2.768	11.4	21.9
1 26	5 19.81	+26 21.8	1.998	2.782	14.5	22.1

450907 2008 CV_{128} 12 19.9 142°.87 0°.6/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.05	+25 22.1	1.976	2.810	12.9	21.7
11 27	6 12.92	+25 20.6	1.903	2.812	9.5	21.5
12 7	6 4.54	+25 16.6	1.855	2.814	5.6	21.2
12 17	5 54.74	+25 8.7	1.834	2.816	1.4	21.0
12 27	5 44.66	+24 56.7	1.843	2.818	3.1	21.1
1 6	5 35.47	+24 41.4	1.881	2.820	7.2	21.4
1 16	5 28.17	+24 24.9	1.945	2.822	11.0	21.6
1 26	5 23.42	+24 9.4	2.033	2.823	14.1	21.8

213319 2001 ST_{63} 12 19.9 69°.77 4°.9/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.66	+11 32.7	1.815	2.642	14.2	20.0
11 27	6 11.72	+10 53.0	1.761	2.659	10.9	19.8
12 7	6 3.73	+10 22.3	1.731	2.677	7.4	19.7
12 17	5 54.54	+10 2.8	1.728	2.694	5.0	19.6
12 27	5 45.24	+ 9 55.6	1.754	2.712	5.8	19.6
1 6	5 36.92	+10 0.9	1.807	2.729	8.8	19.9
1 16	5 30.45	+10 17.3	1.885	2.747	12.0	20.1
1 26	5 26.39	+10 42.8	1.986	2.764	14.8	20.3

55122 2001 QW_{169} 12 19.9 104°.22 1°.7/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.84	+28 9.0	1.991	2.822	13.0	19.3
11 27	6 13.48	+28 17.3	1.923	2.830	9.6	19.1
12 7	6 4.85	+28 21.1	1.879	2.837	5.7	18.9
12 17	5 54.81	+28 18.3	1.864	2.844	2.1	18.7
12 27	5 44.53	+28 8.1	1.878	2.852	3.4	18.8
1 6	5 35.22	+27 51.6	1.921	2.859	7.3	19.0
1 16	5 27.86	+27 31.2	1.991	2.866	10.8	19.3
1 26	5 23.10	+27 9.9	2.085	2.873	13.9	19.5

141535 2002 GG_5 12 19.9 150°.49 1°.2/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.83	+20 7.2	1.955	2.779	13.5	20.9
11 27	6 16.25	+20 1.5	1.888	2.792	9.9	20.7
12 7	6 6.41	+19 57.4	1.846	2.803	5.8	20.4
12 17	5 55.16	+19 54.0	1.832	2.814	1.8	20.2
12 27	5 43.70	+19 51.4	1.850	2.823	3.4	20.3
1 6	5 33.25	+19 49.7	1.897	2.832	7.5	20.6
1 16	5 24.76	+19 50.1	1.972	2.840	11.2	20.8
1 26	5 18.91	+19 53.4	2.070	2.846	14.3	21.1

519791 2013 GX_{76} 12 19.9 163°.26 6°.2/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.14	+ 4 41.8	2.354	3.150	12.4	22.1
11 27	6 10.34	+ 4 1.4	2.284	3.155	9.9	21.9
12 7	6 2.87	+ 3 32.4	2.239	3.158	7.6	21.8
12 17	5 54.36	+ 3 17.2	2.221	3.162	6.2	21.7
12 27	5 45.65	+ 3 17.4	2.232	3.165	6.7	21.7
1 6	5 37.58	+ 3 32.7	2.271	3.167	8.6	21.9
1 16	5 30.89	+ 4 1.4	2.336	3.170	11.0	22.0
1 26	5 26.13	+ 4 40.9	2.425	3.171	13.3	22.2

275845 2001 SA_{38} 12 19.9 85°.11 0°.6/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.15	+21 31.6	1.548	2.387	15.6	21.0
11 27	6 16.11	+21 40.0	1.498	2.409	11.4	20.8
12 7	6 6.42	+21 50.0	1.471	2.431	6.6	20.6
12 17	5 55.15	+21 59.5	1.470	2.453	1.6	20.3
12 27	5 43.79	+22 7.6	1.499	2.474	3.7	20.5
1 6	5 33.75	+22 14.4	1.555	2.496	8.4	20.8
1 16	5 26.13	+22 20.9	1.638	2.516	12.5	21.1
1 26	5 21.58	+22 28.4	1.742	2.537	15.9	21.4

152217 Akosipov 12 19.9 89°.04 3°.3/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.54	+31 26.5	1.536	2.370	16.0	19.9
11 27	6 18.10	+31 42.0	1.483	2.389	11.9	19.7
12 7	6 7.66	+31 48.5	1.453	2.407	7.5	19.5
12 17	5 55.44	+31 42.2	1.449	2.426	3.7	19.3
12 27	5 43.11	+31 22.1	1.473	2.444	4.8	19.4
1 6	5 32.33	+30 50.6	1.525	2.462	8.9	19.7
1 16	5 24.28	+30 12.8	1.603	2.479	12.9	20.0
1 26	5 19.64	+29 34.0	1.702	2.496	16.2	20.2

116226 2003 YU_4 12 19.9 15°.41 2°.0/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.70	+16 12.0	2.098	2.929	12.4	19.5
11 27	6 10.34	+16 27.8	2.025	2.930	9.2	19.3
12 7	6 3.01	+16 49.7	1.976	2.932	5.6	19.1
12 17	5 54.41	+17 17.0	1.955	2.934	2.4	18.9
12 27	5 45.50	+17 48.5	1.964	2.936	3.5	18.9
1 6	5 37.28	+18 22.9	2.002	2.939	7.1	19.2
1 16	5 30.63	+18 59.1	2.067	2.941	10.5	19.4
1 26	5 26.20	+19 36.4	2.156	2.944	13.4	19.6

268427 2005 UJ_{506} 12 19.9 107°.59 3°.3/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.62	+33 47.5	2.383	3.201	11.6	21.0
11 27	6 13.09	+34 6.0	2.317	3.211	8.7	20.9
12 7	6 4.53	+34 16.8	2.275	3.222	5.8	20.7
12 17	5 54.74	+34 17.3	2.262	3.233	3.5	20.6
12 27	5 44.76	+34 6.3	2.279	3.243	4.1	20.6
1 6	5 35.67	+33 45.0	2.326	3.253	6.8	20.8
1 16	5 28.33	+33 16.3	2.400	3.263	9.7	21.0
1 26	5 23.35	+32 43.6	2.498	3.273	12.2	21.2

514179 2015 MX_{57} 12 19.9 142°.13 0°.9/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.01	+19 53.4	1.858	2.690	13.7	21.5
11 27	6 14.42	+20 11.7	1.789	2.697	10.1	21.3
12 7	6 5.46	+20 33.4	1.745	2.704	5.9	21.0
12 17	5 54.98	+20 56.6	1.728	2.711	1.6	20.8
12 27	5 44.17	+21 19.9	1.742	2.717	3.4	20.9
1 6	5 34.28	+21 42.3	1.785	2.723	7.6	21.2
1 16	5 26.35	+22 3.9	1.854	2.728	11.5	21.4
1 26	5 21.10	+22 25.2	1.947	2.733	14.7	21.7

246470 2007 VG_{330} 12 19.9 308°.34 1°.3/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.94	+20 22.7	1.700	2.542	14.3	20.7
11 27	6 12.47	+20 15.0	1.621	2.534	10.6	20.4
12 7	6 4.46	+20 9.4	1.566	2.527	6.3	20.2
12 17	5 54.78	+20 5.3	1.538	2.520	1.9	19.9
12 27	5 44.64	+20 2.8	1.538	2.513	3.7	20.0
1 6	5 35.38	+20 2.3	1.566	2.506	8.3	20.2
1 16	5 28.14	+20 4.6	1.619	2.500	12.5	20.5
1 26	5 23.71	+20 10.4	1.695	2.494	16.1	20.7

9427 Righini 12 19.9 140°.20 3°.9/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.64	+10 35.5	2.387	3.201	11.7	18.2
11 27	6 10.00	+10 25.4	2.316	3.207	8.9	18.1
12 7	6 2.69	+10 23.5	2.270	3.212	6.1	17.9
12 17	5 54.33	+10 30.7	2.252	3.217	4.0	17.8
12 27	5 45.77	+10 47.1	2.264	3.222	4.7	17.8
1 6	5 37.84	+11 12.0	2.305	3.227	7.2	18.0
1 16	5 31.27	+11 44.1	2.374	3.231	10.0	18.2
1 26	5 26.63	+12 21.7	2.467	3.236	12.5	18.4

401987 2002 WE_1 12 19.9 125°.71 9°.4/17.6 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.13	+13 9.0	1.047	1.895	20.8	20.3
11 27	6 19.86	+10 23.9	0.991	1.899	16.2	20.0
12 7	6 8.95	+ 7 41.9	0.957	1.903	11.8	19.8
12 17	5 55.78	+ 5 16.1	0.947	1.906	9.4	19.7
12 27	5 42.38	+ 3 19.4	0.963	1.909	11.3	19.8
1 6	5 30.77	+ 1 59.4	1.002	1.912	15.5	20.1
1 16	5 22.40	+ 1 16.9	1.063	1.915	19.8	20.3
1 26	5 18.05	+ 1 6.7	1.139	1.918	23.5	20.6

403050 2008 AC_{67} 12 19.9 335°.29 2°.4/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.06	+28 34.1	1.420	2.274	16.0	20.6
11 27	6 12.50	+28 46.9	1.341	2.259	12.0	20.3
12 7	6 4.80	+28 54.4	1.284	2.245	7.3	20.0
12 17	5 54.90	+28 53.4	1.251	2.231	2.9	19.7
12 27	5 44.35	+28 42.1	1.245	2.219	4.5	19.8
1 6	5 34.87	+28 21.6	1.264	2.208	9.5	20.1
1 16	5 27.90	+27 55.3	1.307	2.197	14.2	20.3
1 26	5 24.40	+27 27.7	1.371	2.188	18.2	20.5

364958 2008 GC_{88} 12 19.9 232.°83 2.°0/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.29	+28 22.2	2.198	3.025	12.1	22.2
11 27	6 13.12	+28 46.2	2.114	3.019	9.0	22.0
12 7	6 4.72	+29 7.0	2.055	3.011	5.5	21.8
12 17	5 54.84	+29 21.5	2.025	3.004	2.3	21.6
12 27	5 44.53	+29 28.3	2.024	2.996	3.5	21.7
1 6	5 34.96	+29 27.3	2.053	2.988	7.1	21.9
1 16	5 27.11	+29 20.2	2.110	2.980	10.5	22.1
1 26	5 21.71	+29 9.6	2.190	2.972	13.5	22.2

441125 2007 TJ_{78} 12 19.9 54.°09 2.°4/19.9 17

11 17	6 21.43	+28 45.7	1.528	2.371	15.6	21.5
11 27	6 15.12	+29 4.3	1.475	2.386	11.5	21.2
12 7	6 5.97	+29 17.4	1.444	2.402	7.0	21.0
12 17	5 55.10	+29 21.4	1.439	2.419	2.8	20.8
12 27	5 44.04	+29 15.1	1.462	2.435	4.3	20.9
1 6	5 34.35	+29 0.0	1.512	2.452	8.6	21.2
1 16	5 27.18	+28 39.4	1.588	2.469	12.7	21.5
1 26	5 23.22	+28 17.3	1.685	2.486	16.1	21.8

382396 1991 TB_{16} 12 19.9 30.°48 2.°2/19.9 18

11 17	6 20.19	+26 34.5	1.031	1.899	19.5	19.9
11 27	6 15.08	+27 2.5	0.989	1.914	14.3	19.7
12 7	6 6.27	+27 27.0	0.967	1.931	8.5	19.4
12 17	5 55.18	+27 43.2	0.967	1.948	2.9	19.2
12 27	5 43.90	+27 48.9	0.991	1.967	5.0	19.4
1 6	5 34.48	+27 45.0	1.040	1.987	10.5	19.7
1 16	5 28.34	+27 35.2	1.110	2.008	15.5	20.1
1 26	5 26.21	+27 23.7	1.200	2.030	19.6	20.4

396425 2014 EL_{35} 12 19.9 284.°78 1.°2/19.8 18

11 17	6 20.69	+24 43.3	1.587	2.429	15.1	20.9
11 27	6 14.97	+25 14.1	1.499	2.412	11.3	20.6
12 7	6 6.21	+25 45.7	1.434	2.395	6.7	20.3
12 17	5 55.24	+26 14.5	1.396	2.378	1.9	19.9
12 27	5 43.47	+26 37.4	1.385	2.360	4.0	20.0
1 6	5 32.53	+26 53.3	1.402	2.343	9.0	20.3
1 16	5 23.85	+27 3.3	1.445	2.326	13.7	20.5
1 26	5 18.47	+27 9.9	1.508	2.309	17.7	20.7

341947 2008 PC_{1} 12 19.9 170.°54 4.°0/20.0 18

11 17	6 20.70	+11 27.1	2.046	2.860	13.3	21.7
11 27	6 13.94	+11 18.6	1.972	2.865	10.2	21.5
12 7	6 5.10	+11 18.9	1.924	2.868	6.8	21.3
12 17	5 54.92	+11 28.8	1.903	2.872	4.2	21.2
12 27	5 44.44	+11 48.3	1.912	2.874	5.0	21.2
1 6	5 34.74	+12 16.4	1.951	2.875	8.1	21.4
1 16	5 26.75	+12 51.6	2.017	2.876	11.4	21.6
1 26	5 21.12	+13 32.3	2.107	2.876	14.3	21.8

254798 2005 QJ_{90} 12 19.9 241.°26 2.°3/19.9 17

11 17	6 19.85	+29 48.2	2.044	2.873	12.8	21.3
11 27	6 13.65	+30 1.9	1.964	2.868	9.5	21.1
12 7	6 5.07	+30 10.3	1.907	2.862	5.9	20.9
12 17	5 54.93	+30 10.6	1.878	2.857	2.6	20.6
12 27	5 44.41	+30 1.5	1.879	2.851	3.8	20.7
1 6	5 34.74	+29 43.9	1.909	2.845	7.4	20.9
1 16	5 26.97	+29 20.5	1.966	2.839	11.0	21.1
1 26	5 21.85	+28 54.6	2.046	2.833	14.1	21.3

57395 2001 RX_{84} 12 19.9 318.°17 4.°8/20.2 18

11 17	6 22.59	+34 7.4	1.409	2.250	16.8	19.5
11 27	6 16.70	+34 27.6	1.335	2.242	12.9	19.2
12 7	6 7.29	+34 36.4	1.282	2.234	8.6	19.0
12 17	5 55.49	+34 28.3	1.254	2.227	5.1	18.8
12 27	5 43.10	+34 0.9	1.252	2.220	6.1	18.8
1 6	5 32.06	+33 16.5	1.277	2.213	10.3	19.0
1 16	5 23.95	+32 21.4	1.325	2.207	14.7	19.3
1 26	5 19.68	+31 23.1	1.393	2.201	18.5	19.5

460554 2014 TB_{60} 12 19.9 46.°00 4.°6/19.8 17

11 17	6 19.78	+35 23.2	2.115	2.936	12.7	21.1
11 27	6 13.63	+36 12.1	2.049	2.942	9.8	20.9
12 7	6 5.07	+36 52.7	2.007	2.949	6.8	20.8
12 17	5 54.94	+37 20.5	1.992	2.956	4.7	20.7
12 27	5 44.46	+37 32.8	2.007	2.963	5.4	20.7
1 6	5 34.90	+37 30.0	2.049	2.970	8.0	20.9
1 16	5 27.32	+37 14.8	2.118	2.977	10.9	21.1
1 26	5 22.45	+36 51.7	2.210	2.985	13.6	21.3

411806 2012 DD_{12} 12 19.9 351.°01 3.°2/20.0 17

11 17	6 16.50	+13 31.2	2.049	2.875	12.8	21.0
11 27	6 10.97	+13 33.0	1.974	2.875	9.7	20.8
12 7	6 3.42	+13 42.6	1.923	2.875	6.2	20.6
12 17	5 54.58	+14 0.1	1.901	2.875	3.4	20.4
12 27	5 45.41	+14 25.2	1.907	2.875	4.3	20.5
1 6	5 36.95	+14 56.7	1.943	2.875	7.6	20.7
1 16	5 30.08	+15 33.3	2.005	2.875	11.0	20.9
1 26	5 25.48	+16 13.5	2.090	2.875	13.9	21.1

513913 2013 YC_{146} 12 19.9 64.°74 4.°6/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.28	+33 3.8	1.341	2.182	17.5	21.4
11 27	6 18.40	+33 36.2	1.291	2.198	13.2	21.2
12 7	6 8.07	+33 57.8	1.262	2.214	8.6	21.0
12 17	5 55.63	+34 3.0	1.257	2.231	5.0	20.9
12 27	5 43.00	+33 49.5	1.280	2.247	6.0	21.0
1 6	5 32.09	+33 20.1	1.328	2.264	10.0	21.2
1 16	5 24.27	+32 40.8	1.401	2.281	14.2	21.5
1 26	5 20.27	+31 58.2	1.494	2.297	17.7	21.8

296346 2009 FO_{7} 12 19.9 186.°47 0.°9/19.9 18

11 17	6 19.99	+25 20.2	2.095	2.924	12.5	21.2
11 27	6 13.62	+25 39.3	2.017	2.924	9.2	21.0
12 7	6 5.01	+25 57.0	1.965	2.923	5.4	20.7
12 17	5 54.95	+26 11.0	1.941	2.923	1.5	20.5
12 27	5 44.52	+26 19.9	1.947	2.922	3.1	20.6
1 6	5 34.89	+26 23.6	1.983	2.920	7.1	20.8
1 16	5 27.04	+26 23.5	2.046	2.918	10.7	21.1
1 26	5 21.69	+26 21.7	2.132	2.916	13.7	21.3

115720 2003 UP_{176} 12 19.9 336.°41 7.°9/19.1 18

11 17	6 15.39	+ 8 3.4	1.439	2.276	16.8	19.6
11 27	6 10.81	+ 6 51.5	1.368	2.266	13.4	19.3
12 7	6 3.61	+ 5 51.5	1.319	2.257	10.0	19.1
12 17	5 54.66	+ 5 9.3	1.293	2.248	8.0	19.0
12 27	5 45.24	+ 4 49.0	1.293	2.240	8.9	19.0
1 6	5 36.75	+ 4 51.8	1.318	2.233	12.0	19.2
1 16	5 30.36	+ 5 15.9	1.365	2.227	15.6	19.4
1 26	5 26.90	+ 5 57.2	1.432	2.222	19.0	19.6

280153 2002 PO_{161} 12 19.9 146.°86 4.°1/20.1 17

11 17	6 15.00	+ 8 40.0	2.642	3.447	10.9	21.1
11 27	6 9.41	+ 8 31.4	2.570	3.453	8.5	20.9
12 7	6 2.32	+ 8 31.5	2.523	3.459	6.0	20.8
12 17	5 54.31	+ 8 41.2	2.505	3.465	4.2	20.7
12 27	5 46.11	+ 9 0.6	2.518	3.470	4.7	20.7
1 6	5 38.47	+ 9 29.0	2.560	3.476	6.9	20.9
1 16	5 32.05	+10 4.8	2.629	3.480	9.4	21.0
1 26	5 27.36	+10 46.4	2.724	3.485	11.6	21.2

350155 2011 SZ_{137} 12 19.9 41.°20 3.°1/19.7 18

11 17	6 11.97	+13 3.9	2.753	3.573	10.1	19.9
11 27	6 7.16	+12 41.1	2.686	3.582	7.6	19.8
12 7	6 1.00	+12 23.6	2.644	3.591	5.0	19.6
12 17	5 54.01	+12 12.3	2.631	3.600	3.2	19.5
12 27	5 46.89	+12 7.9	2.648	3.610	3.8	19.6
1 6	5 40.32	+12 10.5	2.695	3.619	6.2	19.7
1 16	5 34.90	+12 19.6	2.769	3.629	8.6	19.9
1 26	5 31.08	+12 34.6	2.868	3.639	10.9	20.1

145544 2006 JP_{46} 12 19.9 174.°92 5.°4/19.9 18

11 17	6 17.66	+ 6 9.4	2.452	3.248	11.9	21.4
11 27	6 11.44	+ 5 43.8	2.377	3.251	9.5	21.3
12 7	6 3.55	+ 5 28.6	2.328	3.253	7.0	21.1
12 17	5 54.60	+ 5 25.6	2.306	3.255	5.4	21.0
12 27	5 45.43	+ 5 35.6	2.315	3.256	5.9	21.1
1 6	5 36.87	+ 5 58.2	2.353	3.257	8.0	21.2
1 16	5 29.67	+ 6 31.7	2.418	3.257	10.5	21.3
1 26	5 24.38	+ 7 13.9	2.507	3.256	12.8	21.5

19470 Wenpingchen 12 19.9 129.°21 0.°3/19.9 18

11 17	6 17.87	+22 44.4	2.155	2.987	12.1	18.8
11 27	6 11.90	+22 42.4	2.083	2.991	8.9	18.6
12 7	6 3.92	+22 40.2	2.036	2.996	5.2	18.4
12 17	5 54.70	+22 36.8	2.017	3.000	1.2	18.1
12 27	5 45.23	+22 32.1	2.029	3.004	2.9	18.2
1 6	5 36.56	+22 26.6	2.070	3.008	6.7	18.5
1 16	5 29.55	+22 21.3	2.138	3.012	10.2	18.7
1 26	5 24.83	+22 17.5	2.230	3.016	13.1	18.9

140490 2001 TJ_{148} 12 19.9 42.°08 1.°7/19.9 18

11 17	6 17.71	+18 12.7	1.774	2.613	14.0	19.7
11 27	6 12.11	+18 19.7	1.707	2.618	10.3	19.5
12 7	6 4.18	+18 31.5	1.664	2.623	6.2	19.3
12 17	5 54.77	+18 47.2	1.648	2.629	2.2	19.0
12 27	5 45.06	+19 5.9	1.660	2.634	3.7	19.2
1 6	5 36.25	+19 26.9	1.701	2.640	7.9	19.4
1 16	5 29.35	+19 49.7	1.768	2.647	11.7	19.7
1 26	5 25.08	+20 14.2	1.857	2.653	15.0	19.9

197400 2003 YX_{30} 12 19.9 75.°03 1.°2/19.8 18

11 17	6 17.46	+25 16.7	2.300	3.130	11.5	20.1
11 27	6 11.62	+25 53.1	2.227	3.133	8.4	19.9
12 7	6 3.80	+26 29.1	2.179	3.137	5.0	19.7
12 17	5 54.69	+27 1.9	2.160	3.141	1.6	19.5
12 27	5 45.24	+27 29.5	2.171	3.145	3.0	19.6
1 6	5 36.49	+27 51.3	2.212	3.149	6.5	19.8
1 16	5 29.31	+28 7.6	2.281	3.153	9.8	20.0
1 26	5 24.35	+28 20.1	2.374	3.157	12.5	20.2

159602 2001 YM_{11} 12 19.9 209°.64 0°.0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.97	+23 18.0	1.968	2.798	13.1	20.7
11 27	6 14.45	+23 19.6	1.886	2.793	9.7	20.4
12 7	6 5.56	+23 20.6	1.828	2.788	5.7	20.2
12 17	5 55.10	+23 19.5	1.799	2.782	1.3	19.9
12 27	5 44.23	+23 15.8	1.800	2.776	3.2	20.0
1 6	5 34.19	+23 9.9	1.830	2.769	7.5	20.3
1 16	5 26.03	+23 3.3	1.888	2.761	11.4	20.5
1 26	5 20.49	+22 57.9	1.968	2.753	14.7	20.7

32926 1995 ME_{1} 12 19.9 40°.97 6°.4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.65	+ 8 42.4	1.553	2.384	16.0	17.6
11 27	6 11.29	+ 7 59.3	1.503	2.400	12.5	17.4
12 7	6 3.64	+ 7 29.5	1.476	2.417	8.9	17.3
12 17	5 54.63	+ 7 16.0	1.474	2.434	6.6	17.2
12 27	5 45.49	+ 7 20.3	1.499	2.452	7.3	17.3
1 6	5 37.45	+ 7 41.2	1.550	2.470	10.2	17.5
1 16	5 31.43	+ 8 16.2	1.624	2.489	13.4	17.7
1 26	5 28.07	+ 9 1.5	1.720	2.508	16.4	18.0

246454 2007 VL_{241} 12 19.9 56°.22 5°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.97	+10 37.3	1.590	2.422	15.7	20.5
11 27	6 12.29	+10 10.3	1.535	2.435	12.0	20.3
12 7	6 4.25	+ 9 54.8	1.502	2.448	8.2	20.1
12 17	5 54.78	+ 9 52.9	1.495	2.461	5.5	20.0
12 27	5 45.12	+10 5.1	1.515	2.475	6.3	20.1
1 6	5 36.51	+10 30.4	1.562	2.489	9.6	20.3
1 16	5 29.96	+11 6.5	1.634	2.502	13.1	20.5
1 26	5 26.11	+11 50.6	1.727	2.517	16.2	20.8

446540 2014 MW_{34} 12 19.9 190°.63 1°.0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.25	+20 11.4	2.211	3.037	12.0	22.0
11 27	6 12.90	+20 11.4	2.131	3.036	8.9	21.8
12 7	6 4.54	+20 13.2	2.076	3.034	5.2	21.5
12 17	5 54.86	+20 16.0	2.050	3.032	1.5	21.3
12 27	5 44.87	+20 19.4	2.055	3.030	3.1	21.4
1 6	5 35.59	+20 23.6	2.090	3.026	6.8	21.6
1 16	5 27.93	+20 29.0	2.153	3.023	10.3	21.8
1 26	5 22.53	+20 36.4	2.239	3.019	13.3	22.0

486536 2013 HZ_{17} 12 19.9 318°.12 3°.5/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.02	+15 27.8	1.476	2.324	15.8	21.2
11 27	6 11.59	+15 18.9	1.385	2.298	12.0	20.9
12 7	6 4.30	+15 18.1	1.315	2.273	7.7	20.6
12 17	5 54.89	+15 26.4	1.270	2.248	3.8	20.3
12 27	5 44.66	+15 44.1	1.252	2.224	5.2	20.4
1 6	5 35.13	+16 10.5	1.260	2.200	9.9	20.6
1 16	5 27.70	+16 44.6	1.292	2.177	14.7	20.8
1 26	5 23.41	+17 24.8	1.344	2.155	18.9	21.0

36548 2000 QN_{99} 12 19.9 175°.43 2°.1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.45	+17 6.2	2.028	2.853	13.0	19.6
11 27	6 13.87	+17 4.0	1.953	2.856	9.7	19.4
12 7	6 5.13	+17 6.1	1.902	2.858	5.9	19.1
12 17	5 55.01	+17 12.5	1.880	2.859	2.5	18.9
12 27	5 44.56	+17 22.7	1.888	2.860	3.7	19.0
1 6	5 34.91	+17 36.3	1.926	2.860	7.5	19.2
1 16	5 27.01	+17 53.4	1.991	2.860	11.1	19.5
1 26	5 21.54	+18 13.6	2.079	2.859	14.2	19.7

171226 2005 JR_{142} 12 19.9 297°.11 2°.3/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.26	+16 17.2	1.741	2.577	14.3	20.0
11 27	6 12.68	+16 29.9	1.663	2.571	10.7	19.7
12 7	6 4.64	+16 50.0	1.608	2.565	6.6	19.5
12 17	5 54.92	+17 16.6	1.580	2.559	2.7	19.2
12 27	5 44.72	+17 48.5	1.580	2.553	4.1	19.3
1 6	5 35.31	+18 24.2	1.609	2.548	8.3	19.5
1 16	5 27.81	+19 2.4	1.664	2.542	12.4	19.8
1 26	5 23.04	+19 42.1	1.741	2.537	15.9	20.0

208295 2001 FK_{4} 12 19.9 149°.67 1°.3/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.83	+27 17.2	2.607	3.430	10.5	21.6
11 27	6 11.65	+27 31.8	2.534	3.436	7.7	21.5
12 7	6 3.71	+27 43.7	2.486	3.443	4.6	21.3
12 17	5 54.68	+27 50.9	2.468	3.448	1.6	21.1
12 27	5 45.43	+27 52.7	2.481	3.454	2.8	21.2
1 6	5 36.85	+27 49.3	2.524	3.459	5.9	21.4
1 16	5 29.72	+27 42.1	2.596	3.464	8.8	21.6
1 26	5 24.61	+27 33.0	2.692	3.468	11.4	21.8

458669 2011 GJ_{86} 12 19.9 231°.44 3°.5/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.92	+35 2.6	2.805	3.613	10.3	22.1
11 27	6 12.60	+35 31.3	2.715	3.603	7.9	21.9
12 7	6 4.36	+35 53.2	2.651	3.592	5.4	21.7
12 17	5 54.85	+36 5.4	2.616	3.581	3.6	21.6
12 27	5 44.97	+36 6.2	2.611	3.569	4.2	21.6
1 6	5 35.68	+35 55.8	2.636	3.557	6.5	21.8
1 16	5 27.85	+35 36.3	2.690	3.545	9.0	21.9
1 26	5 22.12	+35 10.8	2.768	3.532	11.4	22.1

190918 2001 UD_{139} 12 19.9 194°.06 4°.5/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.46	+35 1.5	2.013	2.827	13.5	20.6
11 27	6 17.98	+35 38.3	1.934	2.826	10.4	20.4
12 7	6 7.73	+36 6.1	1.880	2.823	7.1	20.1
12 17	5 55.64	+36 20.1	1.853	2.820	4.7	20.0
12 27	5 43.07	+36 17.3	1.856	2.816	5.4	20.0
1 6	5 31.51	+35 58.6	1.888	2.811	8.4	20.2
1 16	5 22.18	+35 27.8	1.947	2.806	11.8	20.4
1 26	5 15.89	+34 50.4	2.028	2.800	14.7	20.6

436161 2009 VA_{50} 12 19.9 62°.38 1°.8/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.02	+26 47.7	1.308	2.157	17.4	20.9
11 27	6 17.29	+27 8.9	1.262	2.177	12.8	20.6
12 7	6 7.35	+27 26.1	1.237	2.198	7.6	20.4
12 17	5 55.51	+27 35.5	1.238	2.219	2.5	20.2
12 27	5 43.56	+27 35.5	1.266	2.241	4.4	20.3
1 6	5 33.24	+27 27.3	1.320	2.262	9.3	20.7
1 16	5 25.82	+27 14.3	1.398	2.283	13.8	21.0
1 26	5 21.99	+27 0.4	1.497	2.305	17.4	21.3

394494 2007 TP_{154} 12 19.9 44°.51 7°.0/19.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.10	+ 9 51.8	1.465	2.299	16.6	20.3
11 27	6 12.45	+ 8 33.3	1.415	2.313	12.9	20.1
12 7	6 4.36	+ 7 26.3	1.387	2.328	9.3	20.0
12 17	5 54.83	+ 6 35.8	1.384	2.343	7.1	19.9
12 27	5 45.18	+ 6 5.2	1.408	2.358	8.0	20.0
1 6	5 36.73	+ 5 55.5	1.458	2.374	11.0	20.2
1 16	5 30.46	+ 6 4.9	1.531	2.390	14.4	20.4
1 26	5 27.00	+ 6 29.7	1.624	2.407	17.4	20.7

253365 2003 GZ_{29} 12 19.9 116°.85 2°.8/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.18	+30 54.2	2.145	2.970	12.4	21.0
11 27	6 13.74	+31 20.1	2.076	2.978	9.3	20.8
12 7	6 5.08	+31 40.3	2.032	2.985	5.8	20.6
12 17	5 55.01	+31 51.7	2.017	2.992	3.0	20.4
12 27	5 44.66	+31 52.7	2.031	2.999	3.9	20.5
1 6	5 35.21	+31 43.9	2.074	3.006	7.2	20.7
1 16	5 27.63	+31 27.8	2.144	3.013	10.4	20.9
1 26	5 22.59	+31 7.7	2.238	3.019	13.2	21.1

372808 2010 TP_{43} 12 19.9 125°.04 0°.4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.90	+24 13.9	1.453	2.294	16.4	22.0
11 27	6 17.80	+24 17.8	1.392	2.304	12.0	21.8
12 7	6 7.66	+24 20.1	1.354	2.315	7.0	21.5
12 17	5 55.61	+24 18.6	1.342	2.324	1.6	21.2
12 27	5 43.27	+24 12.4	1.358	2.334	3.9	21.4
1 6	5 32.30	+24 2.4	1.401	2.342	9.0	21.7
1 16	5 23.98	+23 51.4	1.470	2.351	13.5	22.0
1 26	5 19.08	+23 42.1	1.560	2.359	17.3	22.2

407062 2009 SV_{164} 12 19.9 18°.58 6°.1/19.5 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.64	+ 8 59.5	1.767	2.594	14.5	20.2
11 27	6 9.74	+ 8 7.5	1.705	2.599	11.4	20.0
12 7	6 2.76	+ 7 26.4	1.666	2.605	8.2	19.9
12 17	5 54.48	+ 6 59.3	1.653	2.611	6.2	19.8
12 27	5 45.99	+ 6 48.6	1.667	2.618	7.0	19.8
1 6	5 38.36	+ 6 54.3	1.708	2.625	9.6	20.0
1 16	5 32.48	+ 7 14.8	1.774	2.633	12.7	20.2
1 26	5 29.00	+ 7 47.4	1.861	2.641	15.6	20.4

174752 2003 UN_{281} 12 19.9 14°.49 3°.4/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.63	+15 25.7	1.085	1.952	18.8	18.7
11 27	6 10.80	+15 33.1	1.036	1.959	14.0	18.4
12 7	6 3.79	+15 52.1	1.007	1.969	8.7	18.2
12 17	5 54.75	+16 22.4	1.000	1.980	3.9	17.9
12 27	5 45.37	+17 1.9	1.018	1.992	5.4	18.1
1 6	5 37.39	+17 47.8	1.060	2.007	10.4	18.4
1 16	5 32.13	+18 37.0	1.124	2.023	15.2	18.7
1 26	5 30.38	+19 27.3	1.207	2.040	19.2	19.0

2008 Konstitutsiya 12 19.9 240°.64 7°.7/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 24.45	+48 26.0	2.648	3.412	12.0	15.7
11 27	6 17.26	+49 30.8	2.570	3.405	10.2	15.6
12 7	6 7.36	+50 21.6	2.516	3.398	8.6	15.4
12 17	5 55.58	+50 52.5	2.488	3.390	7.8	15.4
12 27	5 43.22	+51 0.1	2.488	3.383	8.0	15.4
1 6	5 31.72	+50 44.6	2.514	3.375	9.3	15.5
1 16	5 22.31	+50 9.8	2.565	3.368	11.1	15.6
1 26	5 15.85	+49 21.3	2.639	3.360	12.9	15.7

249313 2008 UK_{168} 12 19.9 357°.00 3°.7/19.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.87	+30 58.1	1.906	2.740	13.3	20.0
11 27	6 12.51	+31 57.3	1.833	2.738	10.0	19.8
12 7	6 4.60	+32 52.5	1.784	2.736	6.5	19.5
12 17	5 54.96	+33 38.8	1.762	2.735	3.9	19.4
12 27	5 44.80	+34 12.3	1.769	2.734	4.9	19.4
1 6	5 35.46	+34 32.3	1.804	2.734	8.2	19.6
1 16	5 28.12	+34 40.2	1.864	2.734	11.7	19.8
1 26	5 23.59	+34 39.4	1.947	2.735	14.7	20.1

310815 2002 US_{78} 12 19.9 53°.56 0°.9/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 19.85	+25 49.5	1.666	2.508	14.6	21.2
11 27	6 13.84	+25 54.4	1.605	2.517	10.7	21.0
12 7	6 5.25	+25 56.4	1.566	2.527	6.3	20.8
12 17	5 55.07	+25 53.7	1.555	2.537	1.7	20.5
12 27	5 44.65	+25 45.5	1.572	2.547	3.5	20.7
1 6	5 35.36	+25 33.0	1.616	2.558	8.0	20.9
1 16	5 28.29	+25 18.4	1.687	2.568	12.0	21.2
1 26	5 24.14	+25 4.4	1.779	2.579	15.4	21.5

49298 1998 VS_{5} 12 19.9 329°.24 11°.3/18.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 30.52	+49 50.6	1.837	2.611	16.2	19.0
11 27	6 23.12	+51 44.1	1.774	2.609	14.0	18.8
12 7	6 11.47	+53 19.1	1.733	2.608	12.2	18.7
12 17	5 56.62	+54 24.6	1.715	2.607	11.3	18.7
12 27	5 40.65	+54 53.4	1.723	2.606	11.7	18.7
1 6	5 26.04	+54 45.6	1.755	2.605	13.3	18.8
1 16	5 14.84	+54 7.8	1.809	2.604	15.3	18.9
1 26	5 8.25	+53 10.0	1.881	2.604	17.4	19.1

200127 1997 MO 12 19.9 200°.66 4°.8/19.7 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.78	+ 7 40.3	2.662	3.464	10.9	21.5
11 27	6 9.31	+ 7 8.9	2.582	3.461	8.6	21.3
12 7	6 2.33	+ 6 45.7	2.528	3.458	6.3	21.2
12 17	5 54.40	+ 6 32.7	2.502	3.454	4.8	21.1
12 27	5 46.24	+ 6 30.9	2.505	3.450	5.3	21.1
1 6	5 38.60	+ 6 40.4	2.538	3.445	7.4	21.2
1 16	5 32.14	+ 7 0.3	2.599	3.441	9.8	21.4
1 26	5 27.40	+ 7 28.9	2.683	3.435	12.0	21.5

516103 2015 UT_{3} 12 19.9 151°.51 1°.7/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.30	+27 23.7	2.166	2.991	12.3	22.0
11 27	6 14.51	+27 48.5	2.095	2.998	9.1	21.8
12 7	6 5.53	+28 10.3	2.049	3.005	5.4	21.6
12 17	5 55.15	+28 26.4	2.031	3.012	2.0	21.4
12 27	5 44.47	+28 35.1	2.045	3.018	3.3	21.5
1 6	5 34.64	+28 36.6	2.088	3.023	6.9	21.7
1 16	5 26.63	+28 32.5	2.159	3.028	10.3	21.9
1 26	5 21.10	+28 25.5	2.253	3.032	13.2	22.1

517510 2014 QT_{447} 12 19.9 66°.77 4°.6/20.6 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.34	+ 8 0.6	2.115	2.925	13.1	20.6
11 27	6 11.34	+ 8 12.3	2.060	2.947	10.1	20.5
12 7	6 3.54	+ 8 36.1	2.030	2.968	7.0	20.3
12 17	5 54.68	+ 9 11.8	2.027	2.990	4.8	20.2
12 27	5 45.68	+ 9 58.3	2.054	3.011	5.2	20.3
1 6	5 37.49	+10 53.4	2.110	3.033	7.7	20.5
1 16	5 30.87	+11 54.3	2.194	3.054	10.6	20.7
1 26	5 26.38	+12 58.2	2.301	3.075	13.1	20.9

91355 1999 JA_{57} 12 19.9 272°.36 1°.2/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.91	+21 23.0	1.649	2.490	14.7	19.7
11 27	6 14.08	+21 6.8	1.568	2.480	10.9	19.4
12 7	6 5.55	+20 50.9	1.510	2.470	6.5	19.2
12 17	5 55.21	+20 35.1	1.478	2.460	1.9	18.8
12 27	5 44.36	+20 19.7	1.475	2.450	3.8	18.9
1 6	5 34.43	+20 6.0	1.500	2.440	8.6	19.2
1 16	5 26.63	+19 55.6	1.550	2.430	13.0	19.4
1 26	5 21.80	+19 50.1	1.622	2.420	16.7	19.7

376500 2012 KD_{41} 12 19.9 147°.82 1°.9/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 15.11	+16 14.9	2.838	3.656	9.9	22.1
11 27	6 9.46	+16 9.9	2.765	3.664	7.3	22.0
12 7	6 2.39	+16 8.5	2.718	3.671	4.5	21.8
12 17	5 54.43	+16 10.6	2.701	3.678	2.1	21.6
12 27	5 46.30	+16 16.5	2.715	3.684	3.0	21.7
1 6	5 38.72	+16 25.8	2.759	3.690	5.7	21.9
1 16	5 32.31	+16 38.4	2.832	3.696	8.3	22.1
1 26	5 27.58	+16 54.1	2.931	3.701	10.7	22.3

511652 2015 BZ_{262} 12 19.9 27°.73 1°.4/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.13	+25 50.5	1.133	1.993	18.7	21.4
11 27	6 16.54	+26 2.7	1.076	1.997	13.8	21.2
12 7	6 7.29	+26 12.1	1.038	2.002	8.2	20.9
12 17	5 55.61	+26 15.2	1.024	2.007	2.3	20.5
12 27	5 43.48	+26 10.2	1.036	2.012	4.6	20.7
1 6	5 32.96	+25 58.4	1.072	2.018	10.4	21.0
1 16	5 25.58	+25 43.5	1.131	2.025	15.6	21.4
1 26	5 22.23	+25 29.2	1.209	2.031	19.9	21.6

519951 2013 SC_{9} 12 19.9 212°.90 4°.3/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.31	+37 7.8	2.348	3.159	11.9	21.4
11 27	6 13.86	+37 26.2	2.270	3.157	9.3	21.2
12 7	6 5.17	+37 34.6	2.218	3.156	6.5	21.0
12 17	5 55.08	+37 29.8	2.193	3.155	4.5	20.9
12 27	5 44.71	+37 10.3	2.197	3.153	5.0	20.9
1 6	5 35.22	+36 37.5	2.230	3.152	7.4	21.1
1 16	5 27.59	+35 55.0	2.291	3.150	10.2	21.2
1 26	5 22.47	+35 7.2	2.375	3.149	12.8	21.4

35758 1999 HE 12 19.9 147°.79 1°.0/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.12	+20 30.7	1.972	2.800	13.2	20.2
11 27	6 14.41	+20 31.8	1.903	2.809	9.7	20.0
12 7	6 5.48	+20 34.5	1.858	2.817	5.7	19.8
12 17	5 55.15	+20 38.0	1.842	2.824	1.6	19.5
12 27	5 44.57	+20 41.7	1.856	2.831	3.3	19.6
1 6	5 34.89	+20 45.8	1.900	2.838	7.3	19.9
1 16	5 27.08	+20 51.0	1.971	2.843	11.0	20.1
1 26	5 21.80	+20 58.1	2.065	2.849	14.1	20.4

364834 2008 CD_{116} 12 19.9 21°.19 7°.4/19.8 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.04	+39 49.3	1.675	2.495	15.5	21.0
11 27	6 16.85	+40 59.1	1.612	2.498	12.4	20.8
12 7	6 7.36	+41 55.7	1.572	2.502	9.4	20.6
12 17	5 55.64	+42 31.7	1.557	2.507	7.5	20.5
12 27	5 43.38	+42 42.4	1.569	2.511	8.1	20.5
1 6	5 32.40	+42 28.8	1.606	2.517	10.6	20.7
1 16	5 24.16	+41 55.9	1.668	2.522	13.7	20.9
1 26	5 19.56	+41 11.2	1.750	2.528	16.5	21.1

217809 2000 YY_{110} 12 19.9 51°.35 3°.1/20.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 20.70	+33 8.7	1.932	2.759	13.5	19.8
11 27	6 14.25	+33 3.0	1.866	2.767	10.1	19.6
12 7	6 5.41	+32 47.9	1.824	2.776	6.5	19.4
12 17	5 55.13	+32 21.0	1.809	2.784	3.4	19.2
12 27	5 44.71	+31 42.3	1.824	2.793	4.2	19.3
1 6	5 35.41	+30 54.7	1.867	2.802	7.6	19.5
1 16	5 28.25	+30 2.3	1.937	2.812	11.1	19.8
1 26	5 23.84	+29 9.7	2.031	2.821	14.1	20.0

110824 2001 UO_{52} 12 19.9 112°.88 0°.9/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.48	+20 48.0	2.024	2.856	12.7	20.3
11 27	6 12.44	+20 44.5	1.955	2.864	9.3	20.1
12 7	6 4.32	+20 42.3	1.911	2.871	5.5	19.8
12 17	5 54.89	+20 40.9	1.895	2.877	1.5	19.6
12 27	5 45.23	+20 40.0	1.909	2.884	3.1	19.7
1 6	5 36.42	+20 40.0	1.952	2.891	7.1	20.0
1 16	5 29.35	+20 41.5	2.023	2.897	10.7	20.2
1 26	5 24.68	+20 45.4	2.116	2.904	13.7	20.4

325409 2009 JD_{5} 12 19.9 129°.83 4°.3/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.86	+13 49.5	1.606	2.435	15.7	21.1
11 27	6 15.90	+13 16.6	1.546	2.448	11.8	20.9
12 7	6 6.41	+12 51.4	1.509	2.460	7.7	20.7
12 17	5 55.38	+12 35.4	1.499	2.472	4.5	20.5
12 27	5 44.15	+12 30.0	1.518	2.483	5.6	20.6
1 6	5 34.06	+12 35.2	1.564	2.493	9.4	20.9
1 16	5 26.19	+12 50.4	1.636	2.503	13.2	21.1
1 26	5 21.22	+13 13.9	1.730	2.512	16.5	21.4

444970 2008 EL_{37} 12 19.9 20°.35 5°.8/20.4 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 22.22	+37 29.8	1.615	2.443	15.6	20.8
11 27	6 16.06	+37 59.1	1.550	2.446	12.2	20.6
12 7	6 6.78	+38 15.2	1.508	2.450	8.6	20.4
12 17	5 55.49	+38 12.5	1.491	2.454	6.1	20.3
12 27	5 43.87	+37 49.0	1.501	2.459	6.6	20.3
1 6	5 33.61	+37 7.0	1.537	2.464	9.7	20.5
1 16	5 26.04	+36 12.5	1.598	2.470	13.2	20.8
1 26	5 21.93	+35 12.5	1.681	2.476	16.4	21.0

307246 2002 JU_{126} 12 19.9 259°.68 5°.1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.06	+10 42.8	1.770	2.596	14.6	20.5
11 27	6 12.46	+10 18.5	1.691	2.588	11.3	20.3
12 7	6 4.51	+10 4.3	1.635	2.580	7.8	20.1
12 17	5 54.98	+10 2.2	1.606	2.572	5.3	19.9
12 27	5 45.01	+10 13.3	1.604	2.564	6.1	19.9
1 6	5 35.81	+10 37.0	1.630	2.555	9.3	20.1
1 16	5 28.43	+11 11.8	1.682	2.547	13.0	20.3
1 26	5 23.64	+11 55.1	1.755	2.539	16.2	20.5

206532 2003 UJ_{174} 12 19.9 147°.47 1°.6/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.58	+27 32.2	1.961	2.791	13.2	20.8
11 27	6 14.91	+27 47.1	1.891	2.797	9.8	20.6
12 7	6 5.85	+27 58.2	1.845	2.802	5.9	20.3
12 17	5 55.27	+28 3.1	1.827	2.808	2.1	20.1
12 27	5 44.40	+28 0.4	1.839	2.812	3.5	20.2
1 6	5 34.49	+27 50.9	1.880	2.817	7.4	20.5
1 16	5 26.57	+27 36.8	1.948	2.821	11.1	20.7
1 26	5 21.36	+27 21.1	2.039	2.825	14.2	20.9

362841 2012 BW_{15} 12 19.9 32°.98 1°.1/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.74	+20 4.5	1.900	2.736	13.3	20.9
11 27	6 12.09	+20 5.2	1.828	2.738	9.8	20.6
12 7	6 4.22	+20 8.3	1.780	2.739	5.8	20.4
12 17	5 54.91	+20 13.1	1.759	2.741	1.7	20.1
12 27	5 45.29	+20 19.3	1.768	2.743	3.3	20.3
1 6	5 36.50	+20 26.6	1.805	2.744	7.5	20.5
1 16	5 29.52	+20 35.5	1.869	2.746	11.3	20.7
1 26	5 25.05	+20 46.6	1.955	2.748	14.5	21.0

432958 2012 JQ_5 12 19.9 95°.57 3°.3/20.1 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 23.70	+14 40.0	1.518	2.350	16.3	21.3
11 27	6 16.56	+14 40.4	1.468	2.372	12.1	21.1
12 7	6 6.80	+14 49.5	1.440	2.394	7.6	20.9
12 17	5 55.49	+15 6.8	1.439	2.416	3.7	20.8
12 27	5 44.05	+15 31.3	1.467	2.437	4.9	20.9
1 6	5 33.90	+16 1.5	1.522	2.458	9.0	21.2
1 16	5 26.12	+16 36.0	1.603	2.477	13.0	21.5
1 26	5 21.36	+17 13.5	1.706	2.497	16.3	21.7

400656 2009 HG_{40} 12 19.9 125°.51 0°.2/19.9 18

11 17	6 19.93	+21 54.5	2.099	2.928	12.5	21.5
11 27	6 13.47	+22 11.2	2.032	2.939	9.1	21.3
12 7	6 4.92	+22 29.0	1.990	2.950	5.3	21.1
12 17	5 55.07	+22 46.3	1.977	2.960	1.2	20.8
12 27	5 44.98	+23 1.7	1.995	2.970	2.9	21.0
1 6	5 35.72	+23 15.0	2.042	2.980	6.8	21.2
1 16	5 28.21	+23 26.6	2.116	2.989	10.3	21.5
1 26	5 23.09	+23 37.7	2.214	2.998	13.3	21.7

94212 2001 BV_{34} 12 19.9 345°.26 3°.5/20.3 17

11 17	6 19.70	+33 35.7	1.992	2.818	13.2	19.1
11 27	6 13.66	+33 44.8	1.916	2.816	10.0	18.9
12 7	6 5.18	+33 44.9	1.865	2.814	6.5	18.7
12 17	5 55.15	+33 33.1	1.840	2.813	3.8	18.5
12 27	5 44.80	+33 8.5	1.844	2.811	4.5	18.6
1 6	5 35.43	+32 32.7	1.877	2.810	7.8	18.8
1 16	5 28.10	+31 49.7	1.936	2.809	11.2	19.0
1 26	5 23.51	+31 3.9	2.019	2.808	14.2	19.2

75802 2000 AQ_{234} 12 19.9 195°.37 1°.9/20.1 18

11 17	6 20.02	+15 57.9	1.918	2.745	13.6	19.3
11 27	6 13.81	+16 29.5	1.841	2.745	10.1	19.1
12 7	6 5.28	+17 8.9	1.788	2.744	6.2	18.8
12 17	5 55.19	+17 54.4	1.762	2.742	2.4	18.6
12 27	5 44.64	+18 43.9	1.767	2.741	3.6	18.7
1 6	5 34.84	+19 34.9	1.802	2.739	7.7	18.9
1 16	5 26.82	+20 25.8	1.864	2.737	11.5	19.1
1 26	5 21.36	+21 15.6	1.949	2.735	14.7	19.4

236269 2005 YN_{191} 12 19.9 140°.95 1°.7/20.0 18

11 17	6 23.33	+28 10.5	2.001	2.826	13.2	21.1
11 27	6 16.08	+28 18.9	1.934	2.838	9.7	20.9
12 7	6 6.48	+28 22.5	1.892	2.848	5.8	20.7
12 17	5 55.43	+28 19.0	1.878	2.858	2.1	20.5
12 27	5 44.18	+28 7.5	1.895	2.868	3.4	20.6
1 6	5 33.95	+27 49.3	1.941	2.877	7.3	20.9
1 16	5 25.76	+27 27.2	2.014	2.885	10.9	21.1
1 26	5 20.27	+27 4.2	2.111	2.893	13.9	21.3

305114 2007 VM_{88} 12 19.9 164°.23 1°.1/19.7 18

11 17	6 21.10	+22 36.6	2.029	2.858	12.9	20.0
11 27	6 14.32	+21 52.9	1.954	2.861	9.5	19.8
12 7	6 5.40	+21 6.8	1.905	2.864	5.6	19.5
12 17	5 55.19	+20 19.0	1.884	2.866	1.6	19.3
12 27	5 44.78	+19 31.6	1.894	2.868	3.3	19.4
1 6	5 35.32	+18 47.1	1.934	2.870	7.3	19.7
1 16	5 27.70	+18 8.0	2.002	2.872	11.0	19.9
1 26	5 22.55	+17 36.2	2.093	2.873	14.1	20.1

419284 2009 WM_{22} 12 19.9 114°.53 0°.2/19.9 17

11 17	6 17.62	+22 13.2	2.313	3.141	11.5	20.9
11 27	6 11.73	+22 44.3	2.238	3.145	8.4	20.7
12 7	6 3.93	+23 16.9	2.190	3.149	4.9	20.5
12 17	5 54.87	+23 49.1	2.171	3.154	1.1	20.2
12 27	5 45.50	+24 18.9	2.182	3.158	2.7	20.4
1 6	5 36.79	+24 45.5	2.224	3.162	6.4	20.6
1 16	5 29.61	+25 8.9	2.293	3.166	9.7	20.8
1 26	5 24.59	+25 29.8	2.387	3.169	12.5	21.0

270669 2002 PG_{194} 12 19.9 161°.10 1°.8/19.8 18

11 17	6 18.06	+27 41.4	2.479	3.303	11.0	20.6
11 27	6 12.04	+28 15.3	2.402	3.305	8.1	20.4
12 7	6 4.10	+28 46.8	2.352	3.307	4.9	20.2
12 17	5 54.91	+29 13.5	2.330	3.309	2.0	20.0
12 27	5 45.40	+29 33.4	2.339	3.311	3.1	20.1
1 6	5 36.54	+29 46.2	2.379	3.313	6.3	20.3
1 16	5 29.18	+29 52.8	2.446	3.314	9.3	20.5
1 26	5 23.95	+29 55.2	2.538	3.315	12.0	20.6

23209 2000 SX_{279} 12 19.9 350°.92 7°.9/21.1 18

11 17	6 14.90	+ 2 50.2	1.546	2.364	16.7	17.4
11 27	6 10.40	+ 2 48.1	1.474	2.356	13.6	17.2
12 7	6 3.44	+ 3 7.5	1.423	2.350	10.4	17.0
12 17	5 54.80	+ 3 51.0	1.396	2.345	8.2	16.8
12 27	5 45.68	+ 4 58.3	1.394	2.341	8.5	16.9
1 6	5 37.37	+ 6 25.6	1.419	2.338	11.0	17.0
1 16	5 31.00	+ 8 7.1	1.468	2.336	14.4	17.2
1 26	5 27.37	+ 9 56.0	1.539	2.335	17.6	17.4

434406 2005 JM_{34} 12 19.9 266°.51 4°.1/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.57	+14 21.8	1.520	2.357	16.0	21.8
11 27	6 14.82	+14 0.2	1.434	2.341	12.2	21.6
12 7	6 6.17	+13 46.3	1.371	2.325	7.9	21.3
12 17	5 55.47	+13 41.7	1.334	2.309	4.4	21.0
12 27	5 44.06	+13 47.4	1.324	2.292	5.7	21.1
1 6	5 33.48	+14 3.4	1.341	2.275	10.1	21.3
1 16	5 25.07	+14 28.9	1.382	2.258	14.6	21.5
1 26	5 19.80	+15 2.5	1.445	2.241	18.5	21.7

121847 2000 CS_{22} 12 19.9 238°.39 6°.6/20.2 18

11 17	6 14.74	+ 2 14.0	2.359	3.149	12.5	19.8
11 27	6 9.49	+ 1 51.2	2.284	3.147	10.2	19.6
12 7	6 2.57	+ 1 42.1	2.232	3.144	8.1	19.5
12 17	5 54.57	+ 1 48.9	2.206	3.141	6.7	19.4
12 27	5 46.30	+ 2 12.6	2.209	3.138	7.0	19.4
1 6	5 38.61	+ 2 52.2	2.240	3.135	8.8	19.5
1 16	5 32.22	+ 3 45.1	2.297	3.132	11.1	19.7
1 26	5 27.73	+ 4 47.9	2.378	3.129	13.4	19.8

203222 2001 FH_{81} 12 19.9 269°.78 3°.2/20.2 16

11 17	6 22.67	+32 26.9	1.909	2.734	13.7	20.5
11 27	6 16.13	+32 30.9	1.814	2.715	10.4	20.2
12 7	6 6.82	+32 26.2	1.743	2.695	6.7	20.0
12 17	5 55.60	+32 9.4	1.699	2.675	3.5	19.7
12 27	5 43.79	+31 39.0	1.685	2.654	4.5	19.7
1 6	5 32.86	+30 56.8	1.699	2.633	8.3	19.9
1 16	5 24.07	+30 7.1	1.740	2.613	12.2	20.1
1 26	5 18.29	+29 15.1	1.804	2.591	15.7	20.3

451773 2013 GU_{36} 12 19.9 241°.25 0°.3/19.9 17

11 17	6 19.02	+21 24.6	2.130	2.959	12.3	21.5
11 27	6 13.01	+21 43.8	2.042	2.949	9.1	21.3
12 7	6 4.81	+22 5.2	1.980	2.939	5.3	21.1
12 17	5 55.12	+22 26.9	1.946	2.929	1.3	20.8
12 27	5 44.96	+22 47.7	1.942	2.918	3.0	20.9
1 6	5 35.44	+23 6.8	1.968	2.907	7.0	21.1
1 16	5 27.55	+23 24.2	2.022	2.895	10.7	21.3
1 26	5 22.05	+23 40.9	2.099	2.883	13.9	21.5

212076 2005 EQ_{75} 12 19.9 358°.02 9°.0/20.3 17

11 17	6 19.63	+40 14.6	1.195	2.039	18.9	20.1
11 27	6 15.35	+41 17.3	1.134	2.034	15.3	19.9
12 7	6 6.94	+42 2.6	1.093	2.031	11.6	19.6
12 17	5 55.67	+42 21.2	1.074	2.029	9.2	19.5
12 27	5 43.73	+42 7.5	1.078	2.028	9.8	19.5
1 6	5 33.49	+41 24.1	1.105	2.029	12.8	19.7
1 16	5 26.76	+40 19.1	1.153	2.032	16.6	19.9
1 26	5 24.49	+39 3.1	1.220	2.036	20.1	20.2

241066 2006 SP_{218} 12 19.9 26°.23 4°.8/19.7 18

11 17	6 21.04	+32 15.5	1.523	2.364	15.8	19.4
11 27	6 15.32	+33 19.3	1.464	2.371	12.0	19.2
12 7	6 6.47	+34 16.4	1.427	2.378	8.0	19.0
12 17	5 55.53	+35 0.1	1.416	2.387	5.0	18.9
12 27	5 44.12	+35 26.3	1.432	2.396	6.0	18.9
1 6	5 33.94	+35 34.5	1.474	2.405	9.6	19.2
1 16	5 26.37	+35 28.2	1.541	2.415	13.4	19.4
1 26	5 22.27	+35 12.7	1.628	2.426	16.7	19.7

310851 2003 BP_1 12 19.9 308°.76 9°.1/22.3 18

11 17	6 22.69	− 3 25.9	1.726	2.498	17.1	19.9
11 27	6 16.30	− 2 50.8	1.620	2.468	14.5	19.6
12 7	6 7.10	− 1 45.7	1.536	2.439	11.7	19.4
12 17	5 55.74	− 0 7.0	1.477	2.410	9.5	19.2
12 27	5 43.39	+ 2 4.8	1.447	2.382	9.4	19.1
1 6	5 31.46	+ 4 43.4	1.446	2.353	11.8	19.2
1 16	5 21.31	+ 7 39.2	1.474	2.325	15.3	19.3
1 26	5 14.01	+10 41.5	1.526	2.298	18.8	19.5

41848 2000 WM_{86} 12 19.9 74°.39 1°.9/19.9 18

11 17	6 26.31	+26 59.3	1.287	2.133	17.8	18.9
11 27	6 19.03	+27 20.0	1.242	2.156	13.1	18.7
12 7	6 8.46	+27 36.2	1.219	2.179	7.7	18.5
12 17	5 55.94	+27 44.0	1.221	2.202	2.6	18.2
12 27	5 43.35	+27 41.6	1.250	2.225	4.4	18.4
1 6	5 32.49	+27 30.7	1.306	2.248	9.5	18.8
1 16	5 24.66	+27 15.1	1.386	2.270	14.0	19.1
1 26	5 20.53	+26 58.8	1.487	2.292	17.6	19.4

267133 2000 ET_{27} 12 19.9 242°.43 3°.1/19.8 18

11 17	6 18.96	+31 27.8	2.359	3.180	11.5	20.2
11 27	6 12.93	+32 10.6	2.278	3.177	8.7	20.0
12 7	6 4.74	+32 48.8	2.223	3.173	5.6	19.8
12 17	5 55.12	+33 18.8	2.197	3.170	3.3	19.6
12 27	5 45.07	+33 38.3	2.201	3.166	4.1	19.7
1 6	5 35.70	+33 46.9	2.234	3.162	7.0	19.9
1 16	5 27.97	+33 46.0	2.294	3.158	10.0	20.0
1 26	5 22.61	+33 38.7	2.379	3.154	12.7	20.2

143184 2002 XK_{77} 12 19.9 69°.61 2°.9/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 21.37	+31 50.0	1.854	2.684	13.8	20.0
11 27	6 14.95	+31 52.0	1.783	2.687	10.4	19.8
12 7	6 5.97	+31 45.7	1.736	2.690	6.6	19.5
12 17	5 55.38	+31 28.4	1.716	2.692	3.2	19.3
12 27	5 44.53	+30 59.4	1.725	2.695	4.2	19.4
1 6	5 34.78	+30 21.1	1.762	2.698	7.9	19.6
1 16	5 27.20	+29 37.4	1.826	2.701	11.6	19.9
1 26	5 22.52	+28 52.8	1.912	2.704	14.8	20.1

108028 2001 FY_{149} 12 19.9 209°.36 0°.8/19.9 18

11 17	6 22.85	+22 36.7	1.739	2.573	14.4	20.5
11 27	6 16.10	+22 15.5	1.659	2.568	10.7	20.2
12 7	6 6.71	+21 52.9	1.604	2.563	6.3	20.0
12 17	5 55.59	+21 28.4	1.575	2.558	1.6	19.6
12 27	5 44.05	+21 2.8	1.576	2.551	3.6	19.8
1 6	5 33.50	+20 37.7	1.606	2.545	8.3	20.0
1 16	5 25.09	+20 15.6	1.662	2.538	12.5	20.3
1 26	5 19.60	+19 58.5	1.741	2.530	16.1	20.5

53440 1999 XQ_{33} 12 19.9 237°.25 10°.4/22.8 18

11 17	6 28.60	− 3 17.5	1.219	2.009	21.9	18.6
11 27	6 21.30	− 2 32.7	1.141	2.003	18.3	18.3
12 7	6 10.28	− 1 8.7	1.082	1.997	14.3	18.1
12 17	5 56.51	+ 0 58.4	1.047	1.991	11.0	17.9
12 27	5 41.73	+ 3 44.5	1.038	1.985	10.7	17.8
1 6	5 27.98	+ 6 57.2	1.058	1.978	13.8	18.0
1 16	5 17.03	+10 20.8	1.103	1.971	18.1	18.2
1 26	5 10.08	+13 41.2	1.171	1.964	22.2	18.5

484414 2007 YU_{33} 12 19.9 72°.80 0°.1/19.9 17

11 17	6 22.13	+21 8.1	1.695	2.530	14.7	21.2
11 27	6 15.43	+21 52.5	1.641	2.551	10.7	21.0
12 7	6 6.22	+22 39.9	1.612	2.572	6.2	20.8
12 17	5 55.45	+23 26.8	1.610	2.593	1.4	20.5
12 27	5 44.46	+24 10.0	1.638	2.614	3.4	20.7
1 6	5 34.58	+24 48.0	1.695	2.635	7.8	21.0
1 16	5 26.88	+25 20.7	1.778	2.656	11.7	21.3
1 26	5 22.06	+25 49.2	1.884	2.676	15.0	21.5

210629 2000 EQ_{153} 12 19.9 240°.49 3°.8/19.6 18

11 17	6 17.87	+13 16.3	2.164	2.984	12.5	20.6
11 27	6 12.02	+12 43.9	2.076	2.972	9.5	20.4
12 7	6 4.18	+12 16.9	2.012	2.960	6.4	20.2
12 17	5 55.01	+11 57.1	1.977	2.947	4.0	20.0
12 27	5 45.45	+11 45.9	1.972	2.934	4.9	20.0
1 6	5 36.51	+11 44.0	1.995	2.920	8.0	20.2
1 16	5 29.08	+11 51.2	2.046	2.906	11.2	20.4
1 26	5 23.85	+12 6.7	2.119	2.891	14.2	20.5

36508 2000 QP_{68} 12 19.9 354°.50 2°.8/19.9 18

11 17	6 20.57	+18 4.3	1.239	2.093	17.8	18.7
11 27	6 15.12	+17 45.5	1.174	2.091	13.3	18.4
12 7	6 6.43	+17 32.0	1.130	2.090	8.1	18.1
12 17	5 55.56	+17 24.4	1.109	2.090	3.3	17.9
12 27	5 44.18	+17 23.2	1.115	2.089	5.1	18.0
1 6	5 34.07	+17 28.7	1.147	2.089	10.4	18.3
1 16	5 26.66	+17 41.0	1.201	2.089	15.3	18.5
1 26	5 22.83	+17 59.8	1.275	2.090	19.5	18.8

332565 2008 RT_{117} 12 19.9 41°.47 3°.8/19.6 17

11 17	6 15.39	+13 30.0	2.181	3.006	12.2	20.7
11 27	6 10.05	+12 50.8	2.111	3.010	9.3	20.5
12 7	6 2.93	+12 17.2	2.065	3.013	6.2	20.3
12 17	5 54.69	+11 51.0	2.047	3.017	3.9	20.2
12 27	5 46.25	+11 33.6	2.059	3.020	4.8	20.3
1 6	5 38.53	+11 25.7	2.099	3.024	7.6	20.5
1 16	5 32.29	+11 27.3	2.166	3.028	10.6	20.7
1 26	5 28.12	+11 37.3	2.256	3.032	13.3	20.8

350776 2002 CU_{6} 12 19.9 338°.67 5°.1/18.2 18

11 17	6 29.35	+20 45.0	0.935	1.795	21.7	19.6
11 27	6 23.63	+24 6.0	0.866	1.788	16.3	19.2
12 7	6 12.69	+27 54.6	0.819	1.781	10.0	18.9
12 17	5 57.28	+31 50.6	0.797	1.775	5.2	18.6
12 27	5 39.59	+35 27.2	0.803	1.770	8.5	18.7
1 6	5 22.85	+38 24.3	0.835	1.766	14.9	19.1
1 16	5 10.07	+40 36.6	0.888	1.763	20.7	19.4
1 26	5 3.25	+42 11.3	0.958	1.761	25.3	19.7

492442 2014 MZ_{39} 12 19.9 97°.01 0°.5/19.9 18

11 17	6 19.08	+20 19.9	2.088	2.918	12.5	21.4
11 27	6 12.89	+20 45.4	2.023	2.930	9.2	21.2
12 7	6 4.64	+21 13.7	1.983	2.942	5.4	21.0
12 17	5 55.10	+21 43.0	1.972	2.954	1.3	20.7
12 27	5 45.31	+22 11.5	1.991	2.966	2.9	20.9
1 6	5 36.33	+22 38.3	2.039	2.978	6.8	21.1
1 16	5 29.05	+23 3.3	2.116	2.990	10.3	21.4
1 26	5 24.13	+23 26.8	2.216	3.001	13.2	21.6

307475 2002 XZ_{19} 12 19.9 338°.21 1°.4/20.0 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.58	+27 15.5	1.583	2.429	15.0	20.2
11 27	6 13.31	+27 16.0	1.508	2.422	11.1	19.9
12 7	6 5.23	+27 12.0	1.455	2.415	6.7	19.6
12 17	5 55.28	+27 1.5	1.427	2.409	2.1	19.3
12 27	5 44.86	+26 43.6	1.428	2.403	3.8	19.4
1 6	5 35.48	+26 20.0	1.456	2.398	8.6	19.7
1 16	5 28.39	+25 53.6	1.508	2.394	12.9	19.9
1 26	5 24.40	+25 28.1	1.582	2.390	16.6	20.2

84860 2003 AJ_{65} 12 19.9 347°.82 4°.4/19.4 17

11 17	6 20.55	+30 13.3	1.585	2.426	15.2	18.7
11 27	6 15.06	+31 32.8	1.513	2.421	11.5	18.4
12 7	6 6.45	+32 49.8	1.463	2.417	7.5	18.2
12 17	5 55.60	+33 57.5	1.440	2.413	4.5	18.0
12 27	5 44.00	+34 49.7	1.445	2.410	5.8	18.1
1 6	5 33.35	+35 24.3	1.477	2.408	9.6	18.3
1 16	5 25.11	+35 42.8	1.533	2.406	13.6	18.5
1 26	5 20.31	+35 49.4	1.610	2.404	17.0	18.7

404307 2013 EJ_{121} 12 19.9 218°.05 2°.0/20.0 17

11 17	6 20.23	+28 37.5	2.038	2.867	12.8	21.7
11 27	6 14.01	+28 54.5	1.959	2.864	9.5	21.5
12 7	6 5.43	+29 7.3	1.905	2.861	5.8	21.2
12 17	5 55.31	+29 13.2	1.878	2.857	2.4	21.0
12 27	5 44.79	+29 10.7	1.881	2.854	3.6	21.1
1 6	5 35.12	+29 0.5	1.913	2.850	7.4	21.3
1 16	5 27.33	+28 44.8	1.973	2.846	11.0	21.5
1 26	5 22.16	+28 26.5	2.055	2.842	14.1	21.7

493356 2014 WJ_{28} 12 19.9 7°.86 2°.2/19.8 17

11 17	6 17.89	+28 8.1	2.115	2.946	12.3	21.0
11 27	6 12.26	+28 49.3	2.040	2.947	9.1	20.8
12 7	6 4.40	+29 28.0	1.991	2.948	5.6	20.6
12 17	5 55.07	+30 1.0	1.970	2.949	2.5	20.4
12 27	5 45.35	+30 25.7	1.979	2.950	3.7	20.5
1 6	5 36.38	+30 41.5	2.016	2.951	7.1	20.7
1 16	5 29.15	+30 49.5	2.080	2.953	10.5	20.9
1 26	5 24.39	+30 52.2	2.168	2.955	13.4	21.1

130125 1999 XV_{105} 12 19.9 38°.53 3°.3/19.2 18

11 17	6 22.06	+21 13.1	1.345	2.194	17.0	18.0
11 27	6 15.52	+19 34.6	1.295	2.211	12.5	17.7
12 7	6 6.24	+17 54.2	1.268	2.228	7.6	17.5
12 17	5 55.44	+16 16.8	1.268	2.247	3.5	17.3
12 27	5 44.71	+14 48.6	1.296	2.266	5.4	17.5
1 6	5 35.52	+13 35.1	1.350	2.285	9.9	17.8
1 16	5 28.92	+12 39.1	1.429	2.305	14.1	18.1
1 26	5 25.48	+12 1.0	1.529	2.326	17.6	18.4

457288 2008 RL_{118} 12 19.9 70°.63 4°.4/20.1 17

11 17	6 19.97	+35 59.7	2.264	3.080	12.2	21.5
11 27	6 13.70	+36 35.4	2.197	3.087	9.4	21.4
12 7	6 5.18	+37 2.4	2.154	3.095	6.5	21.2
12 17	5 55.24	+37 16.7	2.139	3.102	4.5	21.1
12 27	5 45.01	+37 16.6	2.154	3.110	5.1	21.2
1 6	5 35.68	+37 2.7	2.197	3.118	7.5	21.3
1 16	5 28.23	+36 38.1	2.266	3.125	10.3	21.5
1 26	5 23.31	+36 6.8	2.359	3.133	12.8	21.7

269311 2008 SC_{154} 12 19.9 29°.10 4°.1/19.9 18

11 17	6 15.10	+12 15.8	1.933	2.762	13.4	20.3
11 27	6 10.03	+11 56.1	1.869	2.769	10.2	20.1
12 7	6 3.00	+11 44.8	1.829	2.777	6.8	19.9
12 17	5 54.74	+11 43.2	1.816	2.785	4.3	19.8
12 27	5 46.27	+11 51.7	1.831	2.794	5.1	19.9
1 6	5 38.59	+12 9.9	1.874	2.803	8.1	20.1
1 16	5 32.56	+12 36.5	1.943	2.813	11.3	20.3
1 26	5 28.79	+13 9.6	2.035	2.822	14.2	20.5

174010 2001 YC_{10} 12 19.9 79°.89 2°.1/20.0 18

11 17	6 20.50	+28 56.0	1.925	2.757	13.3	19.7
11 27	6 14.15	+29 11.6	1.862	2.768	9.9	19.5
12 7	6 5.46	+29 22.1	1.824	2.780	6.0	19.3
12 17	5 55.31	+29 25.1	1.812	2.792	2.5	19.1
12 27	5 44.94	+29 19.4	1.831	2.803	3.7	19.2
1 6	5 35.60	+29 6.0	1.878	2.815	7.4	19.5
1 16	5 28.29	+28 47.5	1.952	2.827	11.0	19.7
1 26	5 23.66	+28 27.0	2.048	2.838	14.0	19.9

60558 Echeclus 12 19.9 58°.02 0°.5/19.9 18

11 17	6 2.19	+18 43.5	9.314	10.131	3.3	19.7
11 27	5 59.50	+18 41.2	9.256	10.156	2.4	19.6
12 7	5 56.46	+18 39.5	9.226	10.181	1.4	19.6
12 17	5 53.21	+18 38.5	9.227	10.206	0.6	19.5
12 27	5 49.93	+18 38.3	9.259	10.232	0.9	19.5
1 6	5 46.79	+18 38.8	9.323	10.257	1.8	19.6
1 16	5 43.95	+18 40.0	9.417	10.282	2.7	19.7
1 26	5 41.56	+18 42.1	9.539	10.306	3.6	19.8

413728 2006 BD_{121} 12 19.9 358°.82 5°.5/19.9 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 15.12	+ 8 19.1	1.976	2.795	13.5	21.0
11 27	6 10.06	+ 7 51.9	1.904	2.794	10.6	20.8
12 7	6 3.05	+ 7 35.8	1.856	2.793	7.7	20.6
12 17	5 54.77	+ 7 32.9	1.835	2.793	5.7	20.5
12 27	5 46.20	+ 7 44.3	1.841	2.793	6.2	20.5
1 6	5 38.34	+ 8 9.3	1.875	2.793	8.8	20.7
1 16	5 32.06	+ 8 46.0	1.935	2.794	11.8	20.9
1 26	5 28.00	+ 9 31.6	2.017	2.795	14.6	21.1

315016 2007 BX_{38} 12 19.9 302°.28 6°.6/20.5 17

11 17	6 16.29	+ 4 28.9	1.946	2.753	14.2	20.7
11 27	6 11.03	+ 4 17.3	1.867	2.745	11.4	20.5
12 7	6 3.68	+ 4 21.0	1.810	2.736	8.6	20.3
12 17	5 54.94	+ 4 42.3	1.779	2.729	6.8	20.1
12 27	5 45.78	+ 5 21.5	1.776	2.721	7.1	20.1
1 6	5 37.28	+ 6 17.0	1.801	2.713	9.5	20.3
1 16	5 30.36	+ 7 25.3	1.852	2.706	12.5	20.4
1 26	5 25.74	+ 8 42.3	1.925	2.698	15.3	20.6

134744 2000 AM_{232} 12 19.9 334°.41 2°.2/20.2 17

11 17	6 21.01	+29 53.0	1.697	2.534	14.6	19.8
11 27	6 14.92	+29 49.2	1.623	2.531	10.9	19.6
12 7	6 6.09	+29 38.0	1.572	2.529	6.7	19.3
12 17	5 55.50	+29 17.2	1.547	2.527	2.7	19.0
12 27	5 44.55	+28 46.3	1.551	2.525	4.0	19.1
1 6	5 34.70	+28 7.7	1.583	2.523	8.3	19.4
1 16	5 27.14	+27 25.4	1.641	2.522	12.4	19.6
1 26	5 22.64	+26 43.8	1.721	2.520	15.9	19.8

367602 2009 SA_{348} 12 19.9 7°.19 1°.7/20.2 17

11 17	6 18.70	+29 13.2	1.912	2.747	13.3	20.2
11 27	6 12.90	+29 1.3	1.839	2.747	9.8	20.0
12 7	6 4.77	+28 42.9	1.790	2.748	6.0	19.7
12 17	5 55.17	+28 16.7	1.768	2.749	2.2	19.5
12 27	5 45.33	+27 42.9	1.776	2.750	3.4	19.6
1 6	5 36.46	+27 3.8	1.812	2.752	7.4	19.8
1 16	5 29.58	+26 22.5	1.875	2.754	11.1	20.1
1 26	5 25.34	+25 42.8	1.961	2.757	14.3	20.3

403712 2010 VV_{203} 12 19.9 128°.08 2°.7/20.2 18

11 17	6 21.51	+31 53.5	2.217	3.037	12.2	21.3
11 27	6 14.68	+32 1.9	2.149	3.047	9.2	21.1
12 7	6 5.68	+32 3.1	2.106	3.057	5.8	20.9
12 17	5 55.38	+31 54.8	2.091	3.066	3.0	20.7
12 27	5 44.89	+31 36.2	2.107	3.076	3.8	20.8
1 6	5 35.35	+31 8.7	2.152	3.084	6.9	21.0
1 16	5 27.68	+30 35.5	2.225	3.093	10.1	21.2
1 26	5 22.51	+30 0.3	2.321	3.101	12.9	21.4

212849 2007 VJ_{36} 12 19.9 5°.44 0°.6/19.9 17

11 17	6 18.65	+22 45.6	1.499	2.347	15.5	20.8
11 27	6 13.31	+22 34.4	1.431	2.347	11.4	20.5
12 7	6 5.21	+22 22.7	1.386	2.348	6.7	20.3
12 17	5 55.31	+22 10.0	1.366	2.349	1.6	19.9
12 27	5 45.04	+21 56.4	1.374	2.350	3.7	20.1
1 6	5 35.87	+21 43.1	1.409	2.352	8.7	20.4
1 16	5 29.02	+21 31.9	1.468	2.355	13.2	20.7
1 26	5 25.24	+21 24.5	1.549	2.358	16.9	20.9

371284 2006 DF_{140} 12 19.9 229°.94 3°.7/19.9 18

11 17	6 19.69	+34 15.3	2.429	3.245	11.4	21.0
11 27	6 13.47	+34 50.1	2.347	3.239	8.8	20.8
12 7	6 5.09	+35 18.0	2.290	3.234	5.9	20.6
12 17	5 55.28	+35 35.5	2.261	3.229	3.9	20.5
12 27	5 45.06	+35 40.7	2.263	3.223	4.5	20.5
1 6	5 35.56	+35 33.7	2.293	3.217	7.1	20.7
1 16	5 27.73	+35 16.6	2.351	3.211	10.0	20.8
1 26	5 22.28	+34 53.2	2.433	3.205	12.6	21.0

407206 2009 UD_{153} 12 19.9 347°.59 0°.7/19.9 18

11 17	6 15.56	+20 15.9	1.908	2.748	13.1	20.2
11 27	6 10.65	+20 33.2	1.830	2.742	9.6	19.9
12 7	6 3.53	+20 53.9	1.777	2.737	5.7	19.7
12 17	5 54.93	+21 16.7	1.750	2.733	1.5	19.4
12 27	5 45.91	+21 40.2	1.753	2.729	3.2	19.5
1 6	5 37.63	+22 3.5	1.784	2.725	7.4	19.8
1 16	5 31.07	+22 26.3	1.841	2.723	11.2	20.0
1 26	5 26.97	+22 48.8	1.921	2.720	14.4	20.2

1875 Neruda 12 19.9 96°.73 5°.4/19.8 18

11 17	6 15.42	+ 6 39.0	2.429	3.232	11.8	17.5
11 27	6 9.84	+ 5 58.9	2.370	3.247	9.4	17.4
12 7	6 2.73	+ 5 28.8	2.335	3.262	7.0	17.2
12 17	5 54.70	+ 5 10.8	2.329	3.277	5.5	17.2
12 27	5 46.56	+ 5 6.0	2.351	3.291	5.9	17.2
1 6	5 39.08	+ 5 14.4	2.402	3.305	7.9	17.4
1 16	5 32.94	+ 5 34.6	2.479	3.320	10.2	17.5
1 26	5 28.63	+ 6 4.4	2.580	3.334	12.4	17.7

404945 1981 EM_{32} 12 19.9 287°.58 8°.2/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 25.63	+44 27.7	1.931	2.726	14.7	20.7
11 27	6 18.88	+45 18.5	1.842	2.706	12.2	20.5
12 7	6 8.75	+45 53.9	1.775	2.687	9.8	20.3
12 17	5 56.20	+46 6.4	1.734	2.668	8.3	20.2
12 27	5 42.88	+45 51.4	1.719	2.648	8.7	20.2
1 6	5 30.65	+45 9.7	1.731	2.629	10.8	20.3
1 16	5 21.08	+44 6.7	1.767	2.609	13.6	20.4
1 26	5 15.17	+42 51.0	1.825	2.590	16.4	20.6

352957 2009 BM_{35} 12 19.9 119°.71 2°.0/20.0 18

11 17	6 21.68	+28 2.7	1.835	2.667	13.8	21.2
11 27	6 15.20	+28 22.6	1.767	2.674	10.3	21.0
12 7	6 6.18	+28 38.3	1.723	2.680	6.2	20.8
12 17	5 55.54	+28 47.0	1.706	2.686	2.4	20.6
12 27	5 44.59	+28 47.1	1.719	2.692	3.7	20.7
1 6	5 34.65	+28 39.1	1.760	2.698	7.8	20.9
1 16	5 26.84	+28 25.7	1.828	2.703	11.6	21.2
1 26	5 21.88	+28 9.9	1.918	2.709	14.8	21.4

61244 2000 OM_{19} 12 19.9 78°.64 4°.2/20.0 18

11 17	6 20.56	+13 31.7	1.546	2.380	15.9	19.0
11 27	6 14.35	+13 13.3	1.491	2.395	12.0	18.8
12 7	6 5.64	+13 4.0	1.459	2.411	7.8	18.6
12 17	5 55.41	+13 4.9	1.453	2.426	4.4	18.4
12 27	5 44.98	+13 16.2	1.475	2.441	5.4	18.5
1 6	5 35.71	+13 36.9	1.524	2.457	9.2	18.8
1 16	5 28.64	+14 5.6	1.598	2.472	13.0	19.0
1 26	5 24.43	+14 40.5	1.694	2.487	16.3	19.3

188047 2001 VW_{26} 12 19.9 80°.33 0°.6/19.9 18

11 17	6 24.38	+25 11.0	1.533	2.371	15.8	20.4
11 27	6 17.19	+25 11.4	1.484	2.395	11.5	20.2
12 7	6 7.26	+25 9.1	1.458	2.418	6.7	19.9
12 17	5 55.76	+25 2.1	1.459	2.442	1.7	19.7
12 27	5 44.21	+24 50.0	1.488	2.464	3.6	19.9
1 6	5 34.09	+24 34.5	1.546	2.487	8.3	20.2
1 16	5 26.49	+24 18.2	1.629	2.509	12.5	20.5
1 26	5 22.03	+24 3.7	1.734	2.531	15.9	20.8

181576 2006 VC_{57} 12 19.9 261°.55 1°.3/19.9 17

11 17	6 18.14	+19 54.1	2.050	2.882	12.6	21.5
11 27	6 12.43	+19 46.1	1.962	2.870	9.4	21.3
12 7	6 4.54	+19 40.0	1.899	2.858	5.6	21.0
12 17	5 55.19	+19 35.4	1.864	2.846	1.8	20.7
12 27	5 45.39	+19 32.4	1.859	2.833	3.3	20.8
1 6	5 36.28	+19 31.4	1.883	2.821	7.3	21.1
1 16	5 28.83	+19 33.0	1.933	2.808	11.1	21.3
1 26	5 23.76	+19 37.9	2.007	2.795	14.3	21.5

411026 2009 UM_{110} 12 19.9 80°.60 2°.6/19.9 18

11 17	6 21.95	+30 7.9	2.279	3.099	11.9	21.5
11 27	6 14.84	+30 45.5	2.230	3.129	8.8	21.3
12 7	6 5.72	+31 17.7	2.207	3.159	5.5	21.2
12 17	5 55.42	+31 41.5	2.212	3.188	2.8	21.0
12 27	5 45.01	+31 55.3	2.249	3.217	3.7	21.1
1 6	5 35.57	+31 59.4	2.315	3.245	6.7	21.4
1 16	5 27.95	+31 55.8	2.409	3.273	9.6	21.6
1 26	5 22.73	+31 47.4	2.527	3.301	12.1	21.8

125619 2001 XL_{55} 12 19.9 291°.80 0°.3/19.9 18

11 17	6 20.41	+20 56.3	1.551	2.394	15.4	19.3
11 27	6 14.79	+21 24.6	1.471	2.384	11.4	19.0
12 7	6 6.25	+21 57.5	1.413	2.374	6.8	18.7
12 17	5 55.64	+22 32.2	1.382	2.365	1.6	18.4
12 27	5 44.34	+23 6.0	1.379	2.355	3.7	18.5
1 6	5 33.93	+23 37.2	1.403	2.346	8.9	18.8
1 16	5 25.74	+24 5.5	1.453	2.336	13.5	19.0
1 26	5 20.75	+24 31.8	1.523	2.327	17.4	19.3

233050 2005 GU_{67} 12 19.9 292°.15 0°.1/19.9 18

11 17	6 18.47	+20 39.1	2.334	3.159	11.5	20.0
11 27	6 12.55	+21 33.0	2.247	3.152	8.5	19.8
12 7	6 4.59	+22 31.3	2.186	3.145	5.0	19.6
12 17	5 55.22	+23 31.0	2.155	3.138	1.2	19.3
12 27	5 45.36	+24 29.3	2.156	3.131	2.8	19.4
1 6	5 36.02	+25 23.8	2.187	3.124	6.5	19.7
1 16	5 28.12	+26 13.4	2.246	3.117	9.9	19.9
1 26	5 22.40	+26 58.1	2.330	3.110	12.8	20.1

363616 2004 JC_{4} 12 19.9 205°.11 1°.8/19.9 18

11 17	6 18.04	+17 58.2	2.067	2.897	12.6	21.4
11 27	6 12.24	+17 56.7	1.990	2.895	9.4	21.2
12 7	6 4.38	+17 59.0	1.937	2.894	5.7	21.0
12 17	5 55.16	+18 4.8	1.912	2.892	2.2	20.8
12 27	5 45.60	+18 13.9	1.917	2.890	3.5	20.9
1 6	5 36.77	+18 26.0	1.951	2.887	7.2	21.1
1 16	5 29.58	+18 40.9	2.012	2.885	10.8	21.3
1 26	5 24.71	+18 58.8	2.096	2.883	13.8	21.5

324337 2006 PV_{13} 12 19.9 132°.27 0°.8/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 26.01	+23 49.5	1.709	2.539	14.8	21.2
11 27	6 18.39	+24 20.2	1.647	2.554	10.9	21.0
12 7	6 8.06	+24 50.8	1.610	2.569	6.4	20.8
12 17	5 56.02	+25 17.9	1.600	2.583	1.6	20.5
12 27	5 43.67	+25 39.0	1.620	2.596	3.5	20.7
1 6	5 32.48	+25 53.8	1.670	2.608	8.1	21.0
1 16	5 23.63	+26 3.6	1.746	2.619	12.1	21.2
1 26	5 17.84	+26 10.8	1.845	2.630	15.5	21.5

472016 2013 XM_{5} 12 19.9 93°.17 4°.6/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 27.36	+33 40.5	1.441	2.273	16.9	21.6
11 27	6 19.93	+34 10.2	1.386	2.289	12.8	21.4
12 7	6 9.14	+34 28.8	1.354	2.304	8.4	21.2
12 17	5 56.28	+34 30.8	1.347	2.319	5.0	21.0
12 27	5 43.19	+34 14.1	1.367	2.334	5.9	21.1
1 6	5 31.75	+33 41.2	1.415	2.348	9.7	21.3
1 16	5 23.31	+32 58.3	1.487	2.362	13.8	21.6
1 26	5 18.62	+32 12.2	1.580	2.376	17.2	21.9

353038 2009 CW_{43} 12 19.9 346°.75 2°.0/19.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.17	+18 47.7	1.517	2.363	15.5	21.2
11 27	6 12.98	+18 38.9	1.445	2.359	11.5	21.0
12 7	6 5.07	+18 34.3	1.396	2.356	7.0	20.7
12 17	5 55.36	+18 33.7	1.373	2.353	2.5	20.4
12 27	5 45.20	+18 37.2	1.377	2.351	4.2	20.5
1 6	5 36.03	+18 44.6	1.408	2.349	8.9	20.8
1 16	5 29.05	+18 56.3	1.463	2.348	13.3	21.1
1 26	5 25.09	+19 12.2	1.540	2.347	17.1	21.3

119079 2001 MA_{17} 12 19.9 134°.95 2°.1/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 25.27	+28 32.2	1.894	2.718	13.8	21.1
11 27	6 17.70	+28 55.5	1.830	2.733	10.2	21.0
12 7	6 7.60	+29 13.9	1.791	2.746	6.2	20.7
12 17	5 55.91	+29 24.3	1.780	2.759	2.5	20.5
12 27	5 43.98	+29 24.9	1.799	2.772	3.8	20.6
1 6	5 33.17	+29 16.5	1.848	2.783	7.7	20.9
1 16	5 24.55	+29 2.0	1.924	2.794	11.4	21.2
1 26	5 18.82	+28 44.8	2.023	2.804	14.4	21.4

123919 2001 DQ_{98} 12 19.9 314°.91 0°.8/20.1 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.48	+27 5.8	2.054	2.887	12.6	19.3
11 27	6 12.66	+26 49.4	1.974	2.882	9.3	19.1
12 7	6 4.65	+26 28.3	1.919	2.877	5.5	18.9
12 17	5 55.25	+26 1.7	1.891	2.873	1.6	18.6
12 27	5 45.56	+25 29.9	1.893	2.869	3.0	18.7
1 6	5 36.71	+24 54.9	1.925	2.865	7.0	18.9
1 16	5 29.66	+24 19.2	1.983	2.861	10.7	19.1
1 26	5 25.07	+23 45.8	2.065	2.857	13.8	19.3

273370 2006 UJ_{232} 12 19.9 13°.17 4°.4/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.31	+14 5.9	1.124	1.983	18.9	20.2
11 27	6 13.64	+13 56.5	1.067	1.985	14.3	19.9
12 7	6 5.68	+13 59.4	1.029	1.987	9.2	19.7
12 17	5 55.54	+14 15.6	1.015	1.991	4.9	19.4
12 27	5 44.92	+14 44.5	1.025	1.996	6.1	19.5
1 6	5 35.63	+15 23.9	1.059	2.002	11.0	19.8
1 16	5 29.09	+16 11.0	1.116	2.008	15.9	20.1
1 26	5 26.18	+17 2.7	1.191	2.016	20.0	20.4

289441 2005 EL_{35} 12 19.9 251°.63 0°.1/19.9 16

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 21.45	+24 41.0	2.087	2.914	12.6	21.0
11 27	6 14.91	+24 15.2	1.991	2.897	9.4	20.7
12 7	6 6.04	+23 45.6	1.920	2.879	5.5	20.5
12 17	5 55.61	+23 11.7	1.877	2.860	1.3	20.1
12 27	5 44.72	+22 34.3	1.866	2.841	3.1	20.2
1 6	5 34.57	+21 55.4	1.884	2.822	7.3	20.5
1 16	5 26.19	+21 17.9	1.929	2.801	11.2	20.7
1 26	5 20.34	+20 44.5	1.999	2.781	14.6	20.8

256623 2007 VM_{192} 12 19.9 358°.48 0°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.36	+24 22.8	0.968	1.843	19.8	20.3
11 27	6 13.60	+24 17.2	0.909	1.839	14.7	19.9
12 7	6 5.95	+24 9.9	0.870	1.836	8.7	19.6
12 17	5 55.65	+23 59.0	0.852	1.835	2.1	19.2
12 27	5 44.73	+23 44.1	0.857	1.835	4.8	19.4
1 6	5 35.42	+23 27.2	0.885	1.836	11.2	19.7
1 16	5 29.37	+23 11.5	0.933	1.839	16.9	20.1
1 26	5 27.54	+22 59.8	1.000	1.843	21.5	20.4

160153 2001 OD_{59} 12 19.9 102°.54 1°.0/20.1 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 17.63	+26 51.8	2.510	3.335	10.8	20.1
11 27	6 11.61	+26 52.8	2.443	3.347	7.9	19.9
12 7	6 3.86	+26 50.6	2.401	3.358	4.7	19.7
12 17	5 55.07	+26 44.2	2.388	3.370	1.4	19.5
12 27	5 46.12	+26 33.3	2.407	3.381	2.6	19.6
1 6	5 37.91	+26 18.7	2.455	3.393	5.9	19.9
1 16	5 31.19	+26 1.9	2.532	3.404	8.9	20.1
1 26	5 26.51	+25 44.9	2.633	3.414	11.5	20.3

37112 2000 UG_{104} 12 19.9 167°.43 3°.3/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 27.15	+31 56.5	1.766	2.589	14.7	18.6
11 27	6 19.42	+32 14.4	1.695	2.594	11.1	18.4
12 7	6 8.77	+32 23.9	1.647	2.598	7.1	18.2
12 17	5 56.25	+32 20.9	1.627	2.602	3.7	18.0
12 27	5 43.37	+32 3.7	1.636	2.605	4.7	18.1
1 6	5 31.70	+31 34.1	1.674	2.607	8.5	18.3
1 16	5 22.52	+30 56.6	1.738	2.608	12.4	18.5
1 26	5 16.58	+30 16.4	1.826	2.609	15.7	18.7

271651 2004 QU_{12} 12 19.9 122°.42 0°.7/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.10	+20 7.5	1.895	2.722	13.7	21.4
11 27	6 15.99	+20 30.1	1.833	2.739	10.0	21.2
12 7	6 6.58	+20 55.6	1.797	2.755	5.9	20.9
12 17	5 55.72	+21 21.9	1.788	2.770	1.5	20.7
12 27	5 44.61	+21 47.4	1.810	2.785	3.2	20.8
1 6	5 34.50	+22 11.1	1.861	2.799	7.4	21.1
1 16	5 26.36	+22 33.2	1.940	2.813	11.1	21.4
1 26	5 20.88	+22 54.3	2.042	2.826	14.3	21.6

188779 2005 UV_{513} 12 19.9 122°.17 0°.7/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 19.49	+24 48.1	2.222	3.049	11.9	21.1
11 27	6 13.19	+25 5.1	2.154	3.060	8.7	20.9
12 7	6 4.89	+25 20.8	2.111	3.069	5.1	20.7
12 17	5 55.33	+25 33.5	2.097	3.079	1.4	20.4
12 27	5 45.52	+25 42.0	2.113	3.088	2.8	20.6
1 6	5 36.52	+25 46.3	2.159	3.097	6.5	20.8
1 16	5 29.18	+25 47.6	2.233	3.106	9.9	21.0
1 26	5 24.15	+25 47.4	2.331	3.115	12.7	21.3

256293 2006 WY_{131} 12 19.9 35°.62 1°.3/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.59	+21 11.9	1.778	2.617	13.9	20.3
11 27	6 12.88	+20 49.8	1.709	2.621	10.3	20.1
12 7	6 4.83	+20 28.0	1.664	2.624	6.1	19.9
12 17	5 55.32	+20 6.8	1.646	2.628	1.9	19.6
12 27	5 45.54	+19 47.0	1.657	2.632	3.5	19.7
1 6	5 36.72	+19 29.9	1.696	2.636	7.8	20.0
1 16	5 29.86	+19 16.8	1.761	2.640	11.7	20.3
1 26	5 25.63	+19 8.9	1.849	2.645	15.1	20.5

378099 2006 UF_{170} 12 19.9 355°.92 4°.5/19.9 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 14.34	+15 54.6	0.965	1.841	19.9	20.3
11 27	6 11.21	+15 27.5	0.907	1.834	15.0	20.0
12 7	6 4.50	+15 10.1	0.866	1.829	9.6	19.7
12 17	5 55.32	+15 4.9	0.847	1.825	4.9	19.5
12 27	5 45.52	+15 13.3	0.850	1.823	6.5	19.5
1 6	5 37.09	+15 34.5	0.876	1.824	11.9	19.8
1 16	5 31.62	+16 6.7	0.922	1.826	17.2	20.1
1 26	5 30.09	+16 46.9	0.985	1.829	21.8	20.4

326819 2003 TN_{44} 12 19.9 291°.23 4°.0/19.4 17

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 16.14	+13 23.6	2.232	3.054	12.1	20.4
11 27	6 10.66	+12 30.9	2.155	3.052	9.2	20.2
12 7	6 3.39	+11 42.8	2.103	3.049	6.2	20.0
12 17	5 54.98	+11 1.7	2.079	3.047	4.1	19.9
12 27	5 46.34	+10 29.7	2.086	3.044	5.0	19.9
1 6	5 38.37	+10 8.3	2.121	3.042	7.8	20.1
1 16	5 31.87	+ 9 57.8	2.182	3.040	10.8	20.3
1 26	5 27.41	+ 9 57.5	2.267	3.037	13.4	20.5

232704 2004 BY_{35} 12 19.9 340°.31 3°.9/20.3 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.76	+34 53.3	2.112	2.935	12.6	20.3
11 27	6 13.03	+35 8.7	2.034	2.930	9.7	20.1
12 7	6 4.96	+35 15.0	1.979	2.926	6.5	19.9
12 17	5 55.37	+35 9.0	1.952	2.921	4.1	19.8
12 27	5 45.43	+34 49.5	1.954	2.917	4.7	19.8
1 6	5 36.39	+34 17.9	1.984	2.914	7.6	20.0
1 16	5 29.26	+33 37.5	2.041	2.910	10.8	20.1
1 26	5 24.75	+32 52.9	2.121	2.908	13.7	20.3

129897 1999 TV_{35} 12 19.9 63°.17 9°.3/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 18.34	+ 2 27.5	1.587	2.396	16.8	19.9
11 27	6 12.62	+ 1 14.4	1.538	2.411	13.8	19.7
12 7	6 4.63	+ 0 19.5	1.511	2.425	11.0	19.6
12 17	5 55.27	− 0 12.0	1.508	2.441	9.4	19.6
12 27	5 45.76	− 0 17.4	1.531	2.456	9.9	19.6
1 6	5 37.31	+ 0 2.2	1.578	2.471	12.0	19.8
1 16	5 30.86	+ 0 43.3	1.649	2.487	14.7	20.0
1 26	5 27.05	+ 1 40.2	1.740	2.502	17.2	20.2

494624 2017 CN_{7} 12 19.9 101°.46 4°.9/20.2 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
11 17	6 23.43	+36 42.8	2.018	2.832	13.5	21.2
11 27	6 16.48	+37 18.1	1.954	2.843	10.4	21.0
12 7	6 6.96	+37 42.8	1.915	2.854	7.3	20.8
12 17	5 55.83	+37 52.5	1.903	2.865	5.1	20.7
12 27	5 44.42	+37 45.0	1.920	2.876	5.6	20.8
1 6	5 34.13	+37 21.8	1.965	2.886	8.3	20.9
1 16	5 26.05	+36 46.8	2.036	2.896	11.3	21.2
1 26	5 20.89	+36 5.5	2.130	2.906	14.0	21.4

131350 2001 HC_{64} 12 19.9 223°.98 3°.8/19.8 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 20.04	+33 48.6	2.378	3.195	11.6	19.9
11 27	6 13.83	+34 36.2	2.299	3.192	8.9	19.7
12 7	6 5.41	+35 17.8	2.245	3.189	6.0	19.5
12 17	5 55.49	+35 49.3	2.220	3.186	4.0	19.4
12 27	5 45.13	+36 8.1	2.224	3.183	4.7	19.5
1 6	5 35.47	+36 13.8	2.258	3.180	7.3	19.6
1 16	5 27.50	+36 8.3	2.318	3.177	10.2	19.8
1 26	5 21.96	+35 55.2	2.403	3.173	12.7	20.0

43556 2001 FK_{60} 12 19.9 115°.28 3°.3/20.1 18

11 17	6 16.19	+13 1.0	2.300	3.120	11.8	18.9
11 27	6 10.65	+12 52.7	2.229	3.126	8.9	18.7
12 7	6 3.36	+12 51.1	2.183	3.131	5.9	18.5
12 17	5 54.98	+12 57.0	2.165	3.137	3.4	18.4
12 27	5 46.37	+13 10.3	2.177	3.142	4.2	18.5
1 6	5 38.42	+13 30.5	2.219	3.147	7.0	18.6
1 16	5 31.89	+13 56.7	2.288	3.153	10.0	18.8
1 26	5 27.35	+14 27.6	2.380	3.158	12.7	19.0

271054 2003 GU 12 19.9 207°.82 18°.9/17.9 18

11 17	6 21.77	−11 47.0	1.229	1.993	23.1	20.6
11 27	6 15.96	−14 18.1	1.181	1.991	21.1	20.5
12 7	6 6.99	−16 15.1	1.150	1.990	19.6	20.4
12 17	5 55.89	−17 25.4	1.137	1.987	18.9	20.3
12 27	5 44.26	−17 40.9	1.142	1.985	19.4	20.4
1 6	5 33.83	−17 2.4	1.166	1.982	20.8	20.4
1 16	5 25.98	−15 37.4	1.207	1.979	22.7	20.6
1 26	5 21.62	−13 38.2	1.261	1.975	24.8	20.7

307384 2002 SM_{68} 12 19.9 130°.64 1°.2/19.9 18

11 17	6 19.60	+20 18.0	1.919	2.752	13.3	21.6
11 27	6 13.48	+20 9.2	1.849	2.757	9.8	21.4
12 7	6 5.15	+20 2.0	1.803	2.762	5.8	21.1
12 17	5 55.41	+19 56.1	1.786	2.767	1.8	20.9
12 27	5 45.41	+19 51.5	1.797	2.772	3.4	21.0
1 6	5 36.29	+19 48.7	1.838	2.777	7.4	21.3
1 16	5 29.02	+19 48.4	1.905	2.781	11.2	21.5
1 26	5 24.26	+19 51.5	1.996	2.785	14.3	21.7

117679 2005 EF_{223} 12 19.9 194°.70 2°.1/19.9 18

11 17	6 19.06	+17 21.0	1.979	2.808	13.1	20.1
11 27	6 13.09	+17 17.7	1.902	2.807	9.8	19.9
12 7	6 4.95	+17 18.8	1.850	2.806	6.0	19.6
12 17	5 55.39	+17 24.2	1.825	2.804	2.5	19.4
12 27	5 45.46	+17 33.6	1.830	2.803	3.7	19.5
1 6	5 36.31	+17 46.7	1.864	2.801	7.5	19.7
1 16	5 28.88	+18 3.3	1.925	2.798	11.2	20.0
1 26	5 23.88	+18 23.3	2.009	2.796	14.4	20.2

220480 2004 CX_{17} 12 19.9 348°.39 4°.0/20.1 18

11 17	6 21.77	+30 46.1	1.229	2.082	18.0	20.1
11 27	6 16.53	+31 17.0	1.162	2.078	13.6	19.8
12 7	6 7.58	+31 40.6	1.117	2.075	8.7	19.5
12 17	5 56.06	+31 51.1	1.094	2.072	4.4	19.3
12 27	5 43.89	+31 45.1	1.097	2.069	5.7	19.3
1 6	5 33.16	+31 23.9	1.126	2.067	10.6	19.6
1 16	5 25.50	+30 52.6	1.176	2.066	15.4	19.9
1 26	5 21.90	+30 17.5	1.247	2.066	19.6	20.1

265073 2003 SJ_{132} 12 19.9 248°.44 4°.9/19.9 18

11 17	6 20.85	+37 20.8	2.327	3.137	12.1	20.2
11 27	6 14.55	+38 7.4	2.248	3.133	9.4	20.1
12 7	6 5.88	+38 45.2	2.194	3.129	6.8	19.9
12 17	5 55.61	+39 9.8	2.168	3.125	5.0	19.8
12 27	5 44.90	+39 18.3	2.171	3.122	5.6	19.8
1 6	5 34.97	+39 11.1	2.203	3.118	7.9	19.9
1 16	5 26.89	+38 50.8	2.261	3.114	10.6	20.1
1 26	5 21.40	+38 21.8	2.343	3.110	13.1	20.3

199871 2007 EG_{166} 12 19.9 261°.37 1°.2/20.0 18

11 17	6 22.20	+26 0.5	1.661	2.499	14.8	20.9
11 27	6 16.07	+26 10.1	1.575	2.486	11.0	20.7
12 7	6 7.01	+26 17.2	1.512	2.472	6.6	20.4
12 17	5 55.92	+26 19.1	1.476	2.458	1.9	20.0
12 27	5 44.17	+26 14.2	1.468	2.444	3.8	20.1
1 6	5 33.32	+26 3.1	1.489	2.429	8.6	20.4
1 16	5 24.71	+25 48.3	1.535	2.415	13.1	20.6
1 26	5 19.27	+25 33.0	1.602	2.400	16.9	20.8

64567 2001 WB_{37} 12 19.9 183°.58 0°.9/19.9 18

11 17	6 23.03	+24 56.0	1.994	2.821	13.1	19.8
11 27	6 16.13	+25 20.3	1.917	2.822	9.7	19.6
12 7	6 6.79	+25 43.6	1.864	2.822	5.7	19.4
12 17	5 55.84	+26 3.4	1.839	2.821	1.6	19.1
12 27	5 44.46	+26 17.5	1.845	2.820	3.2	19.2
1 6	5 33.92	+26 25.9	1.881	2.818	7.4	19.5
1 16	5 25.31	+26 29.7	1.944	2.816	11.2	19.7
1 26	5 19.37	+26 31.1	2.030	2.812	14.4	19.9

52105 2669 $P–L$ 12 19.9 29°.28 5°.6/20.0 18

2020/21	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
11 17	6 18.54	+12 59.6	1.106	1.963	19.3	19.0
11 27	6 13.66	+12 25.2	1.057	1.973	14.6	18.7
12 7	6 5.61	+12 3.5	1.028	1.984	9.7	18.5
12 17	5 55.56	+11 57.0	1.022	1.995	5.9	18.3
12 27	5 45.24	+12 6.9	1.041	2.008	7.0	18.4
1 6	5 36.38	+12 31.9	1.083	2.022	11.4	18.7
1 16	5 30.28	+13 9.0	1.148	2.036	15.9	19.0
1 26	5 27.69	+13 54.7	1.231	2.051	19.7	19.3

423815 2006 KH_{13} 12 19.9 199°.81 2°.6/20.2 18

11 17	6 15.78	+13 25.0	2.663	3.477	10.6	21.3
11 27	6 10.23	+13 30.6	2.580	3.475	8.0	21.1
12 7	6 3.11	+13 42.3	2.524	3.473	5.1	20.9
12 17	5 54.96	+14 0.2	2.497	3.470	2.8	20.8
12 27	5 46.54	+14 23.9	2.500	3.467	3.5	20.8
1 6	5 38.62	+14 52.6	2.534	3.464	6.2	21.0
1 16	5 31.91	+15 25.4	2.596	3.460	9.0	21.2
1 26	5 26.96	+16 1.1	2.684	3.456	11.5	21.3

174336 2002 TS_{171} 12 19.9 135°.46 1°.3/19.8 18

11 17	6 20.98	+21 20.6	2.084	2.911	12.6	20.1
11 27	6 14.25	+20 46.2	2.016	2.921	9.3	19.9
12 7	6 5.49	+20 11.1	1.973	2.930	5.5	19.7
12 17	5 55.51	+19 36.0	1.958	2.939	1.8	19.4
12 27	5 45.38	+19 2.3	1.974	2.948	3.3	19.5
1 6	5 36.16	+18 31.7	2.021	2.956	7.1	19.8
1 16	5 28.73	+18 5.9	2.094	2.964	10.6	20.0
1 26	5 23.67	+17 46.3	2.192	2.972	13.5	20.2

78073 2002 LL_{12} 12 19.9 117°.56 0°.9/20.1 18

11 17	6 21.31	+19 15.1	1.914	2.743	13.5	19.2
11 27	6 14.76	+19 41.9	1.849	2.755	9.9	19.0
12 7	6 5.92	+20 12.9	1.808	2.766	5.9	18.8
12 17	5 55.64	+20 45.9	1.796	2.778	1.6	18.5
12 27	5 45.05	+21 19.0	1.813	2.788	3.2	18.6
1 6	5 35.36	+21 50.9	1.860	2.799	7.3	18.9
1 16	5 27.55	+22 21.1	1.935	2.809	11.1	19.2
1 26	5 22.32	+22 50.0	2.032	2.819	14.2	19.4

300494 2007 TK_{153} 12 19.9 156°.87 8°.2/20.1 18

11 17	6 28.82	+44 57.8	2.015	2.802	14.5	21.3
11 27	6 21.00	+46 4.8	1.949	2.806	12.0	21.1
12 7	6 9.91	+46 55.9	1.906	2.810	9.7	21.0
12 17	5 56.61	+47 23.8	1.888	2.814	8.3	20.9
12 27	5 42.78	+47 24.3	1.898	2.818	8.6	20.9
1 6	5 30.21	+46 58.6	1.934	2.821	10.4	21.0
1 16	5 20.36	+46 12.2	1.995	2.824	12.8	21.2
1 26	5 14.11	+45 13.1	2.078	2.826	15.2	21.4

135957 2002 TS_{239} 12 19.9 65°.39 1°.3/19.9 18

11 17	6 19.98	+20 55.0	1.693	2.532	14.5	19.9
11 27	6 13.89	+20 35.3	1.634	2.546	10.6	19.7
12 7	6 5.41	+20 16.5	1.600	2.560	6.3	19.4
12 17	5 55.51	+19 58.8	1.592	2.574	1.9	19.2
12 27	5 45.44	+19 42.9	1.613	2.588	3.6	19.3
1 6	5 36.48	+19 29.8	1.662	2.602	7.9	19.6
1 16	5 29.61	+19 20.8	1.737	2.617	11.9	19.9
1 26	5 25.46	+19 16.7	1.835	2.631	15.1	20.2

517503 2014 QD_{335} 12 19.9 342°.46 1°.0/20.0 17

11 17	6 16.71	+19 29.4	1.927	2.764	13.1	21.2
11 27	6 11.52	+19 44.8	1.849	2.759	9.7	21.0
12 7	6 4.12	+20 4.2	1.796	2.755	5.7	20.7
12 17	5 55.24	+20 26.3	1.770	2.752	1.7	20.5
12 27	5 45.95	+20 49.8	1.773	2.749	3.2	20.6
1 6	5 37.39	+21 13.8	1.805	2.746	7.4	20.8
1 16	5 30.55	+21 37.9	1.863	2.743	11.2	21.0
1 26	5 26.17	+22 2.2	1.944	2.741	14.4	21.2

112854 2002 QP_{27} 12 20.0 99°.95 5°.2/20.4 18

11 17	6 18.86	+ 8 30.8	1.847	2.663	14.5	19.6
11 27	6 12.92	+ 8 23.8	1.783	2.672	11.2	19.4
12 7	6 4.84	+ 8 29.6	1.742	2.681	7.9	19.2
12 17	5 55.40	+ 8 49.1	1.728	2.690	5.4	19.1
12 27	5 45.69	+ 9 22.1	1.742	2.699	6.0	19.1
1 6	5 36.84	+10 6.8	1.785	2.708	8.8	19.3
1 16	5 29.77	+11 0.3	1.853	2.716	12.1	19.5
1 26	5 25.13	+11 59.6	1.945	2.725	15.0	19.8

276696 2003 YA_{131} 12 20.0 317°.18 1°.1/19.8 18

11 17	6 19.15	+23 24.4	2.218	3.046	11.9	20.0
11 27	6 13.24	+24 26.8	2.134	3.040	8.8	19.8
12 7	6 5.14	+25 32.0	2.076	3.034	5.2	19.5
12 17	5 55.51	+26 36.3	2.047	3.029	1.6	19.3
12 27	5 45.34	+27 36.1	2.049	3.023	3.1	19.4
1 6	5 35.73	+28 28.9	2.082	3.018	6.9	19.6
1 16	5 27.69	+29 14.1	2.142	3.013	10.3	19.8
1 26	5 21.99	+29 52.4	2.227	3.008	13.3	20.0