167564 2004 BY_{41} 2 4.9 66°.48 3°.6/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.06	+26 47.4	2.148	2.975	12.1	19.8
1 12	9 33.71	+27 5.9	2.080	2.982	9.0	19.6
1 22	9 25.21	+27 22.2	2.037	2.989	5.8	19.4
2 1	9 15.33	+27 31.3	2.023	2.996	3.7	19.3
2 11	9 5.15	+27 29.0	2.038	3.003	4.8	19.3
2 21	8 55.74	+27 13.5	2.083	3.010	7.9	19.5
3 2	8 48.04	+26 45.1	2.154	3.017	11.0	19.7
3 12	8 42.66	+26 5.7	2.247	3.024	13.6	19.9

211618 2003 UH_{61} 2 4.9 81°.60 1°.7/ 3.9 18

1 2	9 37.87	+17 25.5	1.556	2.392	15.4	20.3
1 12	9 32.71	+18 15.6	1.493	2.402	11.4	20.1
1 22	9 24.90	+19 15.2	1.454	2.413	6.8	19.8
2 1	9 15.29	+20 17.2	1.441	2.423	2.3	19.6
2 11	9 5.19	+21 13.6	1.456	2.434	4.0	19.7
2 21	8 55.95	+21 58.4	1.499	2.445	8.6	20.0
3 2	8 48.75	+22 28.0	1.566	2.455	12.8	20.3
3 12	8 44.35	+22 41.7	1.655	2.466	16.4	20.5

61600 2000 QS_{91} 2 4.9 237°.02 2°.3/ 6.5 18

1 2	9 37.19	+ 8 9.0	1.759	2.564	15.3	19.6
1 12	9 32.14	+ 8 24.7	1.667	2.554	11.8	19.4
1 22	9 24.61	+ 8 57.2	1.597	2.543	7.7	19.1
2 1	9 15.26	+ 9 43.8	1.554	2.532	3.5	18.8
2 11	9 5.15	+10 39.6	1.540	2.520	3.2	18.8
2 21	8 55.51	+11 38.5	1.553	2.508	7.5	19.0
3 2	8 47.51	+12 34.3	1.594	2.495	11.8	19.2
3 12	8 42.02	+13 22.3	1.657	2.482	15.7	19.4

369649 2011 FA_{20} 2 4.9 88°.03 3°.0/ 3.2 18

1 2	9 40.29	+23 51.8	1.926	2.756	13.2	20.4
1 12	9 34.09	+24 12.6	1.858	2.762	9.8	20.2
1 22	9 25.54	+24 33.9	1.814	2.769	6.1	20.0
2 1	9 15.46	+24 50.3	1.798	2.775	3.1	19.8
2 11	9 4.99	+24 57.0	1.811	2.782	4.5	19.9
2 21	8 55.34	+24 51.4	1.853	2.788	8.1	20.1
3 2	8 47.51	+24 33.1	1.921	2.795	11.6	20.4
3 12	8 42.20	+24 3.4	2.011	2.801	14.6	20.6

185431 2006 XX_{25} 2 4.9 356°.27 2°.4/ 3.5 18

1 2	9 35.85	+19 17.4	1.600	2.441	14.8	20.0
1 12	9 31.31	+20 7.5	1.528	2.439	11.0	19.7
1 22	9 24.13	+21 5.7	1.479	2.438	6.6	19.5
2 1	9 15.11	+22 5.0	1.457	2.438	2.7	19.2
2 11	9 5.46	+22 57.5	1.462	2.438	4.5	19.4
2 21	8 56.54	+23 37.3	1.494	2.438	8.9	19.6
3 2	8 49.55	+24 0.9	1.551	2.438	13.1	19.9
3 12	8 45.31	+24 8.1	1.629	2.438	16.6	20.1

461498 2003 BW_{80} 2 4.9 22°.99 0°.2/ 4.9 18

1 2	9 33.09	+13 18.9	1.337	2.180	17.0	20.1
1 12	9 29.46	+14 3.4	1.277	2.188	12.7	19.9
1 22	9 23.06	+15 3.5	1.238	2.197	7.6	19.6
2 1	9 14.79	+16 12.9	1.224	2.207	2.2	19.3
2 11	9 5.98	+17 22.6	1.237	2.219	3.4	19.4
2 21	8 58.06	+18 24.5	1.275	2.231	8.7	19.8
3 2	8 52.26	+19 12.9	1.338	2.243	13.3	20.1
3 12	8 49.35	+19 45.0	1.421	2.257	17.2	20.3

269091 2007 HG_{46} 2 4.9 336°.54 1°.3/ 3.9 18

1 2	9 31.60	+14 6.2	1.559	2.397	15.3	19.6
1 12	9 28.28	+15 28.0	1.478	2.388	11.3	19.3
1 22	9 22.40	+17 7.1	1.420	2.380	6.8	19.1
2 1	9 14.64	+18 56.0	1.389	2.372	2.0	18.7
2 11	9 6.12	+20 44.3	1.386	2.365	3.9	18.8
2 21	8 58.13	+22 22.2	1.410	2.359	8.8	19.1
3 2	8 51.92	+23 42.2	1.460	2.353	13.3	19.4
3 12	8 48.38	+24 41.0	1.530	2.348	17.2	19.6

387002 2012 RY_{5} 2 4.9 101°.99 3°.3/ 8.1 18

1 2	9 34.86	+ 2 59.5	2.807	3.568	11.3	21.6
1 12	9 29.30	+ 2 50.6	2.739	3.593	8.9	21.5
1 22	9 22.34	+ 2 53.8	2.695	3.617	6.3	21.3
2 1	9 14.51	+ 3 8.3	2.680	3.640	4.0	21.2
2 11	9 6.47	+ 3 31.9	2.695	3.664	3.5	21.2
2 21	8 58.91	+ 4 1.7	2.741	3.686	5.2	21.4
3 2	8 52.42	+ 4 34.5	2.816	3.708	7.6	21.5
3 12	8 47.47	+ 5 7.1	2.917	3.730	9.9	21.7

417244 2005 YZ_{160} 2 5.0 0°.21 1°.4/ 3.9 18

1 2	9 29.18	+14 20.0	1.308	2.160	16.8	19.8
1 12	9 26.77	+15 35.7	1.239	2.157	12.4	19.6
1 22	9 21.59	+17 9.6	1.193	2.155	7.4	19.3
2 1	9 14.42	+18 53.1	1.171	2.154	2.2	19.0
2 11	9 6.55	+20 35.0	1.176	2.155	4.2	19.1
2 21	8 59.41	+22 4.5	1.205	2.158	9.5	19.4
3 2	8 54.32	+23 14.3	1.259	2.161	14.3	19.7
3 12	8 52.15	+24 1.3	1.332	2.166	18.3	19.9

104923 2000 JN_{20} 2 5.0 284°.31 2°.0/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.08	+ 9 50.6	1.766	2.578	14.9	20.0
1 12	9 31.38	+ 9 51.9	1.668	2.560	11.5	19.8
1 22	9 24.20	+10 7.2	1.594	2.542	7.5	19.5
2 1	9 15.18	+10 34.3	1.546	2.524	3.3	19.2
2 11	9 5.38	+11 9.1	1.526	2.507	3.1	19.1
2 21	8 55.99	+11 46.8	1.534	2.489	7.5	19.3
3 2	8 48.20	+12 22.4	1.568	2.471	11.9	19.6
3 12	8 42.91	+12 51.8	1.624	2.453	15.8	19.8

197982 2004 RW_{146} 2 5.0 24°.41 3°.9/ 7.1 18

1 2	9 33.38	+ 6 29.0	1.079	1.917	20.6	19.4
1 12	9 30.08	+ 6 29.3	1.025	1.927	16.0	19.1
1 22	9 23.62	+ 6 55.0	0.988	1.938	10.7	18.9
2 1	9 15.00	+ 7 43.2	0.974	1.950	5.4	18.6
2 11	9 5.80	+ 8 46.5	0.983	1.964	4.6	18.6
2 21	8 57.67	+ 9 55.2	1.016	1.978	9.3	18.9
3 2	8 52.01	+11 0.0	1.072	1.994	14.3	19.3
3 12	8 49.66	+11 53.9	1.148	2.010	18.7	19.6

129846 1999 RO_{29} 2 5.0 106°.51 6°.8/10.7 18

1 2	9 37.24	− 5 59.0	1.964	2.696	16.4	20.7
1 12	9 31.63	− 6 0.4	1.898	2.720	13.6	20.5
1 22	9 23.99	− 5 37.1	1.852	2.744	10.6	20.4
2 1	9 15.03	− 4 49.1	1.832	2.767	7.9	20.3
2 11	9 5.75	− 3 39.9	1.839	2.789	6.8	20.3
2 21	8 57.14	− 2 15.6	1.874	2.810	8.0	20.4
3 2	8 50.08	− 0 43.8	1.938	2.831	10.5	20.6
3 12	8 45.21	+ 0 47.9	2.025	2.851	13.2	20.8

20270 Phildeutsch 2 5.0 201°.75 1°.0/ 5.7 18

1 2	9 37.98	+11 20.6	2.047	2.852	13.4	19.1
1 12	9 32.37	+11 42.4	1.958	2.848	10.2	18.9
1 22	9 24.58	+12 16.0	1.893	2.843	6.4	18.6
2 1	9 15.26	+12 58.1	1.857	2.838	2.3	18.4
2 11	9 5.35	+13 44.0	1.850	2.832	2.5	18.4
2 21	8 55.93	+14 28.9	1.874	2.825	6.7	18.6
3 2	8 47.98	+15 8.4	1.925	2.818	10.6	18.8
3 12	8 42.26	+15 39.6	1.999	2.810	13.9	19.0

417144 2005 VE_{90} 2 5.0 116°.09 1°.7/ 6.3 18

1 2	9 37.69	+ 9 14.8	2.291	3.084	12.6	22.1
1 12	9 31.70	+ 9 23.8	2.223	3.104	9.6	21.9
1 22	9 23.92	+ 9 43.7	2.180	3.124	6.1	21.7
2 1	9 15.00	+10 12.1	2.166	3.143	2.7	21.6
2 11	9 5.81	+10 45.3	2.182	3.162	2.5	21.6
2 21	8 57.22	+11 19.5	2.228	3.180	5.8	21.8
3 2	8 50.01	+11 51.4	2.303	3.197	9.0	22.0
3 12	8 44.74	+12 18.2	2.403	3.214	11.9	22.3

184446 2005 NQ_{49} 2 5.0 195°.15 0°.3/ 4.7 18

1 2	9 36.85	+14 29.8	2.364	3.173	11.7	21.3
1 12	9 31.29	+15 10.7	2.276	3.170	8.7	21.1
1 22	9 23.82	+16 0.4	2.213	3.166	5.3	20.9
2 1	9 15.02	+16 54.9	2.179	3.162	1.5	20.6
2 11	9 5.73	+17 49.3	2.177	3.157	2.5	20.7
2 21	8 56.85	+18 38.7	2.205	3.152	6.2	20.9
3 2	8 49.24	+19 19.9	2.262	3.145	9.7	21.1
3 12	8 43.58	+19 50.7	2.343	3.138	12.6	21.3

502560 2015 BE_{484} 2 5.0 153°.79 0°.4/ 5.3 17

1 2	9 34.85	+13 9.4	2.402	3.210	11.6	21.9
1 12	9 29.69	+13 31.4	2.322	3.215	8.7	21.8
1 22	9 22.77	+14 1.8	2.268	3.219	5.3	21.6
2 1	9 14.69	+14 37.7	2.242	3.224	1.7	21.3
2 11	9 6.24	+15 15.0	2.246	3.228	2.2	21.4
2 21	8 58.26	+15 49.9	2.281	3.231	5.7	21.6
3 2	8 51.52	+16 19.4	2.344	3.235	9.0	21.8
3 12	8 46.61	+16 41.5	2.431	3.238	11.9	22.0

212457 2006 QO_{22} 2 5.0 225°.03 0°.9/ 4.4 18

1 2	9 37.50	+15 49.2	1.961	2.781	13.3	20.8
1 12	9 32.20	+16 33.5	1.871	2.772	9.9	20.5
1 22	9 24.58	+17 27.9	1.806	2.762	6.0	20.3
2 1	9 15.28	+18 27.2	1.769	2.752	1.8	20.0
2 11	9 5.31	+19 25.1	1.762	2.742	3.1	20.0
2 21	8 55.81	+20 15.8	1.785	2.731	7.5	20.3
3 2	8 47.86	+20 55.3	1.834	2.719	11.4	20.5
3 12	8 42.26	+21 21.7	1.906	2.707	14.9	20.7

358081 2006 JG_{16} 2 5.0 233°.35 1°.0/ 4.4 17

1 2	9 38.90	+16 39.9	1.877	2.699	13.8	22.4
1 12	9 33.36	+17 14.0	1.786	2.688	10.3	22.2
1 22	9 25.34	+17 57.1	1.720	2.676	6.2	21.9
2 1	9 15.52	+18 44.3	1.681	2.664	1.9	21.6
2 11	9 4.98	+19 29.3	1.672	2.651	3.3	21.7
2 21	8 54.94	+20 6.9	1.691	2.638	7.8	21.9
3 2	8 46.55	+20 33.4	1.737	2.624	11.9	22.1
3 12	8 40.66	+20 47.3	1.806	2.609	15.5	22.3

272825 2006 AG_{91} 2 5.0 89°.03 0°.1/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.00	+14 33.5	1.933	2.752	13.6	21.7
1 12	9 31.60	+14 48.2	1.862	2.761	10.1	21.5
1 22	9 24.05	+15 11.5	1.816	2.770	6.1	21.3
2 1	9 15.09	+15 39.8	1.797	2.779	1.8	21.0
2 11	9 5.73	+16 8.5	1.807	2.789	2.6	21.1
2 21	8 57.04	+16 33.5	1.846	2.798	6.8	21.4
3 2	8 49.97	+16 51.7	1.912	2.807	10.6	21.6
3 12	8 45.17	+17 1.6	2.002	2.815	13.8	21.8

369109 2008 JF_{40} 2 5.0 335°.93 8°.2/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.78	− 6 8.3	1.810	2.554	17.2	20.5
1 12	9 29.48	− 6 45.6	1.725	2.552	14.6	20.3
1 22	9 22.94	− 6 58.4	1.661	2.550	11.8	20.2
2 1	9 14.81	− 6 44.3	1.620	2.549	9.3	20.0
2 11	9 6.08	− 6 4.1	1.604	2.547	8.2	19.9
2 21	8 57.84	− 5 2.2	1.614	2.546	9.4	20.0
3 2	8 51.13	− 3 45.6	1.650	2.544	12.0	20.1
3 12	8 46.71	− 2 22.8	1.708	2.543	14.8	20.3

265331 2004 PH_{16} 2 5.0 94°.82 0°.6/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.71	+11 3.8	2.111	2.917	13.0	20.6
1 12	9 30.42	+11 51.7	2.048	2.940	9.7	20.4
1 22	9 23.24	+12 51.2	2.011	2.962	5.9	20.2
2 1	9 14.84	+13 58.1	2.002	2.984	1.9	20.0
2 11	9 6.14	+15 6.3	2.024	3.005	2.3	20.1
2 21	8 58.07	+16 10.5	2.075	3.026	6.2	20.4
3 2	8 51.45	+17 6.3	2.155	3.047	9.7	20.6
3 12	8 46.86	+17 51.2	2.259	3.067	12.6	20.8

112014 2002 GE_{163} 2 5.0 6°.16 2°.8/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.56	+19 28.3	1.194	2.051	17.7	19.1
1 12	9 31.78	+20 13.6	1.131	2.051	13.1	18.8
1 22	9 24.74	+21 8.7	1.090	2.052	7.9	18.5
2 1	9 15.39	+22 4.9	1.072	2.053	3.2	18.2
2 11	9 5.32	+22 52.5	1.079	2.056	5.3	18.4
2 21	8 56.26	+23 24.2	1.111	2.060	10.5	18.7
3 2	8 49.71	+23 36.9	1.165	2.064	15.4	19.0
3 12	8 46.57	+23 30.8	1.238	2.070	19.5	19.2

384967 2012 TF_{155} 2 5.0 345°.18 5°.0/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.18	+29 55.3	2.195	3.026	11.7	20.8
1 12	9 31.78	+30 44.4	2.124	3.025	8.9	20.6
1 22	9 24.20	+31 30.5	2.079	3.024	6.3	20.5
2 1	9 15.16	+32 7.3	2.062	3.023	5.0	20.4
2 11	9 5.68	+32 29.3	2.073	3.022	6.2	20.5
2 21	8 56.85	+32 33.7	2.112	3.021	8.8	20.6
3 2	8 49.63	+32 20.5	2.177	3.020	11.6	20.8
3 12	8 44.70	+31 51.6	2.263	3.020	14.1	21.0

90098 2002 XV_{9} 2 5.0 28°.57 2°.9/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.40	+19 46.0	1.345	2.196	16.5	18.7
1 12	9 31.25	+20 42.6	1.290	2.206	12.1	18.5
1 22	9 24.19	+21 47.4	1.256	2.217	7.3	18.3
2 1	9 15.19	+22 51.5	1.248	2.229	3.2	18.0
2 11	9 5.69	+23 46.1	1.266	2.242	5.1	18.2
2 21	8 57.19	+24 24.5	1.310	2.255	9.7	18.5
3 2	8 50.94	+24 44.1	1.377	2.269	14.1	18.8
3 12	8 47.73	+24 45.1	1.464	2.283	17.7	19.0

329609 2003 GL_{42} 2 5.0 312°.39 2°.6/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.88	+17 26.3	1.618	2.459	14.6	20.1
1 12	9 29.32	+18 53.2	1.530	2.442	10.9	19.8
1 22	9 23.14	+20 34.7	1.466	2.426	6.6	19.6
2 1	9 14.96	+22 22.5	1.428	2.409	2.8	19.3
2 11	9 5.89	+24 6.1	1.420	2.394	4.9	19.4
2 21	8 57.27	+25 36.0	1.438	2.378	9.5	19.6
3 2	8 50.38	+26 45.7	1.481	2.363	13.9	19.8
3 12	8 46.22	+27 32.8	1.545	2.349	17.6	20.0

6864 Starkenburg 2 5.0 44°.06 2°.4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.46	+ 9 25.0	1.258	2.088	18.7	17.3
1 12	9 32.86	+ 9 28.1	1.196	2.096	14.3	17.0
1 22	9 25.23	+ 9 50.1	1.153	2.105	9.2	16.7
2 1	9 15.52	+10 27.6	1.135	2.114	4.0	16.5
2 11	9 5.22	+11 14.2	1.142	2.124	3.7	16.5
2 21	8 55.89	+12 2.5	1.175	2.134	8.8	16.8
3 2	8 48.89	+12 46.0	1.232	2.144	13.7	17.1
3 12	8 45.07	+13 19.8	1.309	2.155	17.9	17.4

360467 2002 RT_{265} 2 5.0 113°.15 1°.5/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.37	+18 18.2	1.851	2.676	13.8	21.7
1 12	9 33.46	+18 54.9	1.787	2.690	10.2	21.5
1 22	9 25.22	+19 38.1	1.747	2.704	6.1	21.2
2 1	9 15.47	+20 22.1	1.735	2.717	2.1	21.0
2 11	9 5.32	+21 0.9	1.752	2.730	3.5	21.1
2 21	8 55.95	+21 30.1	1.799	2.742	7.6	21.4
3 2	8 48.38	+21 47.2	1.871	2.755	11.4	21.7
3 12	8 43.28	+21 52.1	1.967	2.766	14.5	21.9

340632 2006 QG_{129} 2 5.0 178°.74 1°.3/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 32.07	+ 7 58.0	2.913	3.700	10.3	20.9
1 12	9 27.43	+ 8 39.4	2.823	3.701	7.9	20.8
1 22	9 21.37	+ 9 32.0	2.759	3.702	5.1	20.6
2 1	9 14.34	+10 33.1	2.725	3.702	2.2	20.4
2 11	9 6.97	+11 38.9	2.722	3.702	2.0	20.4
2 21	8 59.90	+12 45.3	2.750	3.702	4.8	20.5
3 2	8 53.77	+13 48.3	2.808	3.701	7.6	20.7
3 12	8 49.08	+14 44.7	2.893	3.700	10.2	20.9

310073 2010 KX_{81} 2 5.0 120°.11 1°.5/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 30.70	+ 8 24.6	2.727	3.521	10.7	21.3
1 12	9 26.50	+ 8 52.2	2.641	3.522	8.2	21.1
1 22	9 20.83	+ 9 30.6	2.580	3.523	5.3	20.9
2 1	9 14.19	+10 17.7	2.547	3.525	2.4	20.7
2 11	9 7.21	+11 9.8	2.546	3.526	2.1	20.7
2 21	9 0.58	+12 3.0	2.574	3.528	5.0	20.9
3 2	8 54.93	+12 53.7	2.632	3.529	7.9	21.1
3 12	8 50.80	+13 38.7	2.715	3.530	10.5	21.3

340598 2006 QG_{22} 2 5.0 159°.09 0°.8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.36	+10 2.6	2.619	3.417	11.0	20.9
1 12	9 27.79	+10 45.8	2.535	3.421	8.3	20.8
1 22	9 21.64	+11 40.0	2.477	3.425	5.2	20.6
2 1	9 14.44	+12 41.9	2.447	3.428	1.9	20.3
2 11	9 6.87	+13 47.1	2.449	3.431	2.0	20.4
2 21	8 59.67	+14 51.0	2.482	3.434	5.3	20.6
3 2	8 53.53	+15 49.7	2.543	3.436	8.4	20.8
3 12	8 49.01	+16 40.2	2.630	3.438	11.0	21.0

440877 2006 TF_{56} 2 5.0 51°.38 1°.3/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.64	+11 33.3	1.149	1.988	19.5	21.5
1 12	9 33.96	+11 48.8	1.091	1.999	14.7	21.2
1 22	9 25.99	+12 22.6	1.053	2.009	9.2	20.9
2 1	9 15.78	+13 9.6	1.039	2.021	3.2	20.6
2 11	9 4.95	+14 1.7	1.049	2.032	3.6	20.7
2 21	8 55.26	+14 50.7	1.085	2.044	9.4	21.1
3 2	8 48.14	+15 30.2	1.144	2.056	14.6	21.4
3 12	8 44.47	+15 56.7	1.223	2.068	18.9	21.7

170136 2003 AV_{62} 2 5.0 339°.39 0°.0/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.16	+14 44.3	1.956	2.782	13.2	20.0
1 12	9 28.92	+15 3.8	1.872	2.775	9.8	19.8
1 22	9 22.57	+15 32.5	1.812	2.768	6.0	19.6
2 1	9 14.75	+16 6.8	1.779	2.762	1.7	19.3
2 11	9 6.41	+16 42.0	1.775	2.756	2.6	19.3
2 21	8 58.57	+17 13.5	1.799	2.751	6.8	19.6
3 2	8 52.20	+17 37.8	1.849	2.746	10.7	19.8
3 12	8 48.01	+17 52.7	1.922	2.742	14.0	20.0

355879 2008 VR_{39} 2 5.0 51°.78 1°.4/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.46	+17 54.1	1.278	2.122	17.6	20.8
1 12	9 35.04	+18 14.0	1.223	2.135	13.1	20.5
1 22	9 26.50	+18 42.6	1.189	2.149	7.8	20.3
2 1	9 15.91	+19 13.4	1.180	2.163	2.4	20.0
2 11	9 4.87	+19 39.0	1.197	2.177	4.1	20.1
2 21	8 55.00	+19 54.5	1.240	2.192	9.3	20.5
3 2	8 47.64	+19 57.3	1.307	2.207	14.1	20.8
3 12	8 43.56	+19 47.5	1.394	2.222	18.0	21.1

186195 2001 VB_{94} 2 5.0 113°.86 3°.2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.87	+ 3 9.8	2.223	2.996	13.5	21.1
1 12	9 30.47	+ 3 34.4	2.153	3.017	10.6	20.9
1 22	9 23.29	+ 4 15.6	2.107	3.037	7.3	20.8
2 1	9 14.93	+ 5 11.0	2.088	3.056	4.2	20.6
2 11	9 6.27	+ 6 16.3	2.100	3.075	3.4	20.6
2 21	8 58.17	+ 7 26.2	2.142	3.093	6.0	20.8
3 2	8 51.41	+ 8 35.2	2.212	3.110	9.1	21.0
3 12	8 46.57	+ 9 38.7	2.307	3.127	12.0	21.2

165361 2000 WZ_{87} 2 5.0 17°.70 1°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.34	+15 16.9	1.146	1.994	19.0	18.0
1 12	9 34.48	+14 43.8	1.087	1.999	14.3	17.7
1 22	9 26.30	+14 20.5	1.048	2.006	8.8	17.4
2 1	9 15.88	+14 4.5	1.032	2.015	2.9	17.1
2 11	9 4.92	+13 51.7	1.042	2.024	3.6	17.2
2 21	8 55.15	+13 38.7	1.076	2.035	9.3	17.5
3 2	8 48.04	+13 23.1	1.133	2.047	14.5	17.8
3 12	8 44.39	+13 3.1	1.210	2.060	18.8	18.1

360389 2002 CK_{314} 2 5.0 320°.41 0°.0/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.45	+14 8.6	1.320	2.162	17.3	21.6
1 12	9 31.64	+14 28.2	1.237	2.148	13.1	21.3
1 22	9 24.73	+15 2.5	1.175	2.134	8.0	21.0
2 1	9 15.51	+15 46.8	1.138	2.121	2.4	20.6
2 11	9 5.33	+16 33.7	1.126	2.109	3.5	20.6
2 21	8 55.81	+17 15.8	1.140	2.097	9.3	20.9
3 2	8 48.45	+17 47.5	1.177	2.086	14.5	21.2
3 12	8 44.31	+18 5.6	1.234	2.075	19.0	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
229523 2005 XF_7			2 5.0 139°.75	6°.1/31.0 18		
	h m	° ′			°	m
1 2	9 39.02	+31 7.2	2.023	2.855	12.5	20.5
1 12	9 33.40	+32 30.4	1.962	2.861	9.7	20.3
1 22	9 25.33	+33 50.3	1.926	2.866	7.1	20.1
2 1	9 15.58	+34 58.3	1.918	2.871	6.1	20.1
2 11	9 5.32	+35 47.2	1.939	2.875	7.5	20.2
2 21	8 55.76	+36 13.4	1.986	2.880	10.2	20.3
3 2	8 48.02	+36 16.7	2.058	2.884	12.9	20.5
3 12	8 42.85	+35 59.9	2.150	2.888	15.4	20.7
165407 2000 YA_{10}			2 5.0 339°.98	1°.6/ 4.3 18		
1 2	9 37.38	+18 44.2	1.271	2.121	17.3	18.8
1 12	9 33.12	+18 53.9	1.197	2.112	13.0	18.5
1 22	9 25.61	+19 11.5	1.142	2.103	7.9	18.2
2 1	9 15.75	+19 31.3	1.113	2.096	2.5	17.8
2 11	9 5.04	+19 46.4	1.108	2.089	4.2	17.9
2 21	8 55.21	+19 51.5	1.129	2.083	9.8	18.2
3 2	8 47.77	+19 44.1	1.173	2.077	14.9	18.5
3 12	8 43.71	+19 24.1	1.236	2.073	19.2	18.7
409032 2003 GX_{55}			2 5.0 273°.52	3°.5/ 2.8 18		
1 2	9 39.29	+21 30.4	1.601	2.439	15.0	21.2
1 12	9 34.30	+22 29.0	1.508	2.418	11.2	20.9
1 22	9 26.30	+23 35.9	1.438	2.396	7.0	20.6
2 1	9 15.98	+24 42.9	1.395	2.373	3.6	20.3
2 11	9 4.61	+25 40.8	1.380	2.351	5.6	20.4
2 21	8 53.70	+26 22.4	1.392	2.328	10.1	20.6
3 2	8 44.75	+26 44.0	1.428	2.305	14.6	20.8
3 12	8 38.86	+26 45.6	1.484	2.281	18.6	21.0
346871 2009 FB_{26}			2 5.0 315°.78	2°.7/ 3.6 17		
1 2	9 39.40	+23 56.8	2.029	2.858	12.6	20.8
1 12	9 33.58	+24 1.0	1.939	2.843	9.5	20.5
1 22	9 25.42	+24 5.0	1.874	2.829	5.9	20.3
2 1	9 15.62	+24 4.3	1.836	2.815	2.9	20.1
2 11	9 5.27	+23 54.7	1.828	2.801	4.2	20.1
2 21	8 55.51	+23 34.1	1.849	2.788	7.8	20.3
3 2	8 47.42	+23 2.0	1.897	2.775	11.5	20.5
3 12	8 41.75	+22 19.9	1.967	2.763	14.7	20.7
200580 2001 QJ_{107}			2 5.0 88°.98	14°.9/18.3 18		
1 2	9 38.97	−22 43.3	1.670	2.302	22.2	20.3
1 12	9 33.49	−24 7.8	1.614	2.325	20.2	20.2
1 22	9 25.43	−24 55.5	1.573	2.347	18.2	20.1
2 1	9 15.62	−25 0.1	1.549	2.369	16.4	20.0
2 11	9 5.30	−24 19.9	1.545	2.391	15.2	20.0
2 21	8 55.79	−22 59.3	1.562	2.413	14.9	20.0
3 2	8 48.24	−21 7.3	1.601	2.433	15.7	20.1
3 12	8 43.42	−18 56.6	1.661	2.454	17.1	20.3
254659 2005 KQ_4			2 5.0 175°.17	1°.3/ 6.1 18		
1 2	9 36.73	+ 9 49.0	2.206	3.004	12.8	21.5
1 12	9 31.29	+10 15.0	2.122	3.007	9.7	21.3
1 22	9 23.90	+10 53.3	2.062	3.009	6.2	21.0
2 1	9 15.16	+11 40.7	2.031	3.011	2.4	20.8
2 11	9 5.96	+12 32.7	2.030	3.012	2.4	20.8
2 21	8 57.23	+13 24.6	2.060	3.012	6.1	21.0
3 2	8 49.85	+14 11.9	2.117	3.012	9.7	21.3
3 12	8 44.48	+14 51.6	2.199	3.011	12.8	21.5
500276 2012 PK_2			2 5.0 101°.54	0°.6/ 4.6 17		
1 2	9 36.57	+17 13.4	2.293	3.110	11.8	21.8
1 12	9 31.05	+17 24.1	2.218	3.117	8.7	21.6
1 22	9 23.67	+17 40.0	2.168	3.124	5.2	21.4
2 1	9 15.07	+17 57.7	2.147	3.130	1.5	21.1
2 11	9 6.13	+18 13.6	2.157	3.137	2.5	21.2
2 21	8 57.76	+18 24.7	2.196	3.143	6.2	21.5
3 2	8 50.77	+18 29.1	2.263	3.150	9.5	21.7
3 12	8 45.76	+18 26.0	2.353	3.156	12.3	21.9
227560 2005 YE_{185}			2 5.0 164°.04	0°.6/ 4.5 18		
1 2	9 34.84	+14 59.4	2.100	2.920	12.6	20.8
1 12	9 30.03	+15 47.3	2.021	2.921	9.3	20.6
1 22	9 23.19	+16 44.9	1.967	2.923	5.6	20.3
2 1	9 14.96	+17 47.4	1.942	2.925	1.6	20.1
2 11	9 6.26	+18 48.8	1.946	2.926	2.8	20.2
2 21	8 58.06	+19 43.8	1.980	2.927	6.7	20.4
3 2	8 51.26	+20 28.6	2.041	2.928	10.4	20.6
3 12	8 46.56	+21 1.1	2.125	2.929	13.5	20.8
343004 2009 BD_{78}			2 5.0 174°.68	4°.4/ 8.4 17		
1 2	9 35.32	+ 1 31.3	2.537	3.296	12.4	21.1
1 12	9 29.99	+ 1 1.0	2.448	3.297	10.0	20.9
1 22	9 23.01	+ 0 44.0	2.383	3.298	7.4	20.7
2 1	9 14.89	+ 0 40.6	2.345	3.299	5.1	20.6
2 11	9 6.38	+ 0 49.6	2.337	3.299	4.5	20.5
2 21	8 58.27	+ 1 8.5	2.358	3.299	6.2	20.6
3 2	8 51.28	+ 1 33.9	2.408	3.300	8.8	20.8
3 12	8 45.99	+ 2 2.2	2.482	3.299	11.3	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
168094 2006 DB_{118}			2 5.0 187°.82	1°.5/ 6.1 18		
	h m	° ′			°	m
1 2	9 37.78	+ 9 25.1	2.002	2.802	13.9	21.1
1 12	9 32.29	+ 9 53.2	1.916	2.802	10.6	20.9
1 22	9 24.61	+10 35.3	1.854	2.801	6.7	20.7
2 1	9 15.40	+11 28.2	1.820	2.799	2.7	20.4
2 11	9 5.62	+12 26.7	1.815	2.797	2.6	20.4
2 21	8 56.34	+13 25.2	1.841	2.794	6.7	20.7
3 2	8 48.55	+14 18.7	1.894	2.790	10.6	20.9
3 12	8 42.99	+15 3.5	1.971	2.785	14.0	21.1
432126 2009 BY_{42}			2 5.0 50°.83	0°.7/ 4.6 18		
1 2	9 37.04	+17 44.6	2.065	2.888	12.7	20.4
1 12	9 31.53	+17 50.1	1.997	2.898	9.4	20.2
1 22	9 24.00	+18 0.7	1.953	2.909	5.6	20.0
2 1	9 15.18	+18 12.8	1.937	2.919	1.6	19.8
2 11	9 6.03	+18 22.6	1.950	2.930	2.7	19.9
2 21	8 57.55	+18 27.2	1.993	2.941	6.6	20.1
3 2	8 50.63	+18 25.0	2.063	2.953	10.1	20.4
3 12	8 45.88	+18 15.2	2.156	2.964	13.1	20.6
82605 2001 OM_{97}			2 5.0 97°.59	1°.7/ 3.5 18		
1 2	9 34.58	+18 38.3	2.428	3.249	11.1	19.9
1 12	9 29.50	+19 35.6	2.365	3.267	8.1	19.7
1 22	9 22.71	+20 38.1	2.329	3.285	4.8	19.5
2 1	9 14.80	+21 40.7	2.322	3.303	1.9	19.4
2 11	9 6.58	+22 38.2	2.346	3.320	3.2	19.5
2 21	8 58.90	+23 26.4	2.399	3.337	6.3	19.7
3 2	8 52.50	+24 2.9	2.481	3.354	9.3	19.9
3 12	8 47.93	+24 26.8	2.586	3.371	11.9	20.1
319734 2006 UN_{118}			2 5.0 6°.53	3°.3/ 3.1 18		
1 2	9 37.49	+21 47.8	1.502	2.347	15.4	21.3
1 12	9 32.74	+22 31.7	1.434	2.347	11.4	21.0
1 22	9 25.15	+23 20.8	1.388	2.347	7.0	20.8
2 1	9 15.59	+24 7.5	1.369	2.348	3.5	20.6
2 11	9 5.42	+24 44.1	1.376	2.349	5.2	20.7
2 21	8 56.09	+25 5.2	1.410	2.351	9.6	20.9
3 2	8 48.89	+25 8.8	1.468	2.354	13.8	21.2
3 12	8 44.66	+24 55.9	1.547	2.356	17.4	21.4
149668 2004 FV_{136}			2 5.0 224°.25	0°.3/ 4.8 17		
1 2	9 32.29	+13 44.5	2.825	3.632	10.1	20.5
1 12	9 27.75	+14 38.3	2.731	3.624	7.5	20.3
1 22	9 21.67	+15 40.8	2.662	3.616	4.5	20.1
2 1	9 14.52	+16 48.5	2.624	3.607	1.3	19.9
2 11	9 6.95	+17 56.7	2.617	3.598	2.1	19.9
2 21	8 59.65	+19 1.2	2.642	3.588	5.3	20.1
3 2	8 53.31	+19 58.1	2.695	3.578	8.3	20.3
3 12	8 48.50	+20 45.3	2.774	3.568	10.9	20.5
282829 2006 TP_{45}			2 5.0 93°.31	4°.6/ 8.4 18		
1 2	9 36.66	+ 1 52.9	1.835	2.613	15.8	21.5
1 12	9 31.41	+ 1 50.4	1.768	2.631	12.5	21.3
1 22	9 24.01	+ 2 7.6	1.722	2.648	9.0	21.1
2 1	9 15.21	+ 2 43.3	1.703	2.665	5.7	20.9
2 11	9 6.03	+ 3 33.6	1.711	2.682	4.7	20.9
2 21	8 57.52	+ 4 32.9	1.748	2.699	7.2	21.1
3 2	8 50.65	+ 5 34.9	1.812	2.715	10.6	21.3
3 12	8 46.04	+ 6 33.9	1.900	2.731	13.7	21.6
178605 2000 DA_{17}			2 5.1 258°.11	3°.7/ 8.1 16		
1 2	9 33.87	+ 1 48.3	1.914	2.695	15.1	21.0
1 12	9 29.60	+ 2 26.0	1.815	2.682	12.1	20.8
1 22	9 23.13	+ 3 26.8	1.738	2.669	8.5	20.5
2 1	9 15.02	+ 4 48.8	1.687	2.655	5.0	20.3
2 11	9 6.21	+ 6 27.1	1.665	2.641	4.0	20.2
2 21	8 57.73	+ 8 13.7	1.673	2.627	7.1	20.3
3 2	8 50.65	+10 0.3	1.708	2.613	11.0	20.5
3 12	8 45.77	+11 39.4	1.768	2.599	14.6	20.7
182429 2001 RZ_{129}			2 5.1 145°.45	1°.6/ 3.9 18		
1 2	9 38.43	+18 54.9	2.022	2.846	12.9	21.2
1 12	9 32.72	+19 30.8	1.950	2.852	9.5	21.0
1 22	9 24.82	+20 12.4	1.902	2.859	5.7	20.7
2 1	9 15.46	+20 54.5	1.883	2.865	2.1	20.5
2 11	9 5.67	+21 31.5	1.894	2.871	3.4	20.6
2 21	8 56.51	+21 59.3	1.933	2.876	7.3	20.9
3 2	8 48.97	+22 15.5	2.000	2.881	10.9	21.1
3 12	8 43.72	+22 19.8	2.090	2.885	13.9	21.3
293841 2007 RO_{216}			2 5.1 91°.82	1°.0/ 4.3 18		
1 2	9 36.37	+18 12.5	2.243	3.064	11.9	20.7
1 12	9 30.94	+18 32.6	2.173	3.073	8.7	20.5
1 22	9 23.63	+18 57.5	2.127	3.083	5.2	20.3
2 1	9 15.09	+19 23.4	2.110	3.093	1.6	20.1
2 11	9 6.23	+19 46.1	2.123	3.102	2.8	20.2
2 21	8 57.95	+20 2.5	2.166	3.111	6.4	20.4
3 2	8 51.09	+20 10.6	2.236	3.121	9.7	20.7
3 12	8 46.24	+20 9.7	2.330	3.130	12.5	20.9

336908 2011 HP_{14} 2 5.1 224.°27 0.°4/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 34.71	+15 22.4	2.256	3.073	11.9	21.3
1 12	9 29.84	+15 55.2	2.170	3.069	8.9	21.1
1 22	9 23.06	+16 36.1	2.109	3.064	5.3	20.9
2 1	9 14.96	+17 21.4	2.077	3.060	1.5	20.6
2 11	9 6.38	+18 6.1	2.075	3.055	2.5	20.7
2 21	8 58.23	+18 45.9	2.102	3.050	6.3	20.9
3 2	8 51.39	+19 17.6	2.157	3.045	9.8	21.1
3 12	8 46.51	+19 39.3	2.236	3.040	12.9	21.3

382842 2004 CP_{43} 2 5.1 87.°54 1.°9/ 3.7 18

1 2	9 37.63	+21 27.6	2.259	3.082	11.7	20.8
1 12	9 31.87	+21 45.5	2.189	3.091	8.6	20.6
1 22	9 24.19	+22 5.6	2.144	3.100	5.2	20.4
2 1	9 15.25	+22 23.7	2.128	3.108	2.2	20.3
2 11	9 6.00	+22 35.8	2.142	3.117	3.4	20.4
2 21	8 57.39	+22 39.2	2.186	3.125	6.7	20.6
3 2	8 50.24	+22 33.0	2.256	3.134	9.9	20.8
3 12	8 45.17	+22 17.3	2.351	3.142	12.7	21.0

126348 2002 AK_{165} 2 5.1 73.°88 0.°6/ 5.5 18

1 2	9 35.72	+12 30.4	1.863	2.680	14.0	20.3
1 12	9 30.83	+12 51.6	1.788	2.685	10.5	20.1
1 22	9 23.74	+13 24.3	1.738	2.691	6.5	19.8
2 1	9 15.16	+14 4.7	1.714	2.696	2.1	19.6
2 11	9 6.12	+14 47.7	1.719	2.701	2.6	19.6
2 21	8 57.68	+15 28.2	1.753	2.706	6.9	19.9
3 2	8 50.86	+16 2.1	1.813	2.712	10.8	20.1
3 12	8 46.33	+16 26.9	1.897	2.717	14.2	20.4

170859 2004 FP_{131} 2 5.1 357.°90 6.°1/ 1.1 18

1 2	9 36.37	+30 23.6	1.707	2.552	13.8	18.9
1 12	9 31.77	+31 16.6	1.642	2.549	10.6	18.7
1 22	9 24.50	+32 6.1	1.600	2.547	7.6	18.5
2 1	9 15.41	+32 43.6	1.584	2.545	6.1	18.4
2 11	9 5.78	+33 2.4	1.595	2.545	7.6	18.5
2 21	8 57.00	+32 59.2	1.631	2.545	10.6	18.7
3 2	8 50.24	+32 34.5	1.691	2.546	13.9	18.9
3 12	8 46.27	+31 51.3	1.771	2.548	16.8	19.1

171540 1999 RX_{86} 2 5.1 170.°01 1.°5/ 4.0 18

1 2	9 39.98	+18 32.1	1.967	2.788	13.3	21.1
1 12	9 33.96	+19 7.2	1.890	2.792	9.8	20.9
1 22	9 25.63	+19 48.6	1.839	2.795	5.9	20.6
2 1	9 15.73	+20 30.9	1.815	2.797	2.0	20.4
2 11	9 5.32	+21 8.4	1.822	2.799	3.5	20.5
2 21	8 55.55	+21 36.7	1.858	2.801	7.5	20.7
3 2	8 47.46	+21 53.3	1.921	2.801	11.2	20.9
3 12	8 41.78	+21 57.7	2.006	2.802	14.4	21.2

198908 2005 UZ_{41} 2 5.1 173.°20 0.°6/ 4.7 18

1 2	9 39.38	+14 56.5	1.556	2.384	15.8	20.8
1 12	9 34.04	+15 35.8	1.482	2.385	11.8	20.6
1 22	9 25.93	+16 27.5	1.430	2.387	7.1	20.3
2 1	9 15.85	+17 25.7	1.405	2.388	2.0	20.0
2 11	9 5.11	+18 22.7	1.408	2.388	3.4	20.1
2 21	8 55.11	+19 11.8	1.438	2.389	8.4	20.4
3 2	8 47.11	+19 48.4	1.494	2.389	13.0	20.6
3 12	8 42.00	+20 10.6	1.572	2.388	16.8	20.9

301803 2011 MM_{2} 2 5.1 191.°77 2.°8/ 7.7 18

1 2	9 31.80	+ 4 3.3	2.513	3.291	12.0	20.8
1 12	9 27.47	+ 4 24.2	2.424	3.291	9.4	20.6
1 22	9 21.54	+ 4 59.7	2.358	3.290	6.5	20.4
2 1	9 14.51	+ 5 48.0	2.321	3.289	3.7	20.3
2 11	9 7.09	+ 6 45.7	2.313	3.288	3.1	20.2
2 21	9 0.02	+ 7 48.5	2.335	3.287	5.5	20.4
3 2	8 54.03	+ 8 51.5	2.386	3.286	8.5	20.6
3 12	8 49.67	+ 9 50.7	2.462	3.285	11.2	20.7

247487 2002 LJ_{52} 2 5.1 107.°07 1.°3/ 3.8 18

1 2	9 35.33	+17 1.4	2.522	3.337	10.9	20.5
1 12	9 29.99	+18 5.8	2.460	3.359	8.0	20.3
1 22	9 22.99	+19 16.5	2.425	3.381	4.7	20.2
2 1	9 14.91	+20 28.2	2.420	3.402	1.6	20.0
2 11	9 6.54	+21 35.6	2.446	3.423	2.9	20.1
2 21	8 58.69	+22 34.4	2.503	3.443	6.0	20.3
3 2	8 52.07	+23 21.6	2.589	3.462	9.0	20.6
3 12	8 47.23	+23 56.2	2.699	3.482	11.5	20.8

131542 2001 UH_{153} 2 5.1 19.°52 4.°2/ 7.2 18

1 2	9 35.01	+ 6 17.2	1.182	2.010	19.8	19.6
1 12	9 31.26	+ 6 4.5	1.118	2.015	15.5	19.3
1 22	9 24.43	+ 6 14.8	1.074	2.020	10.5	19.0
2 1	9 15.44	+ 6 46.6	1.052	2.026	5.7	18.8
2 11	9 5.78	+ 7 34.4	1.054	2.034	4.8	18.8
2 21	8 57.05	+ 8 30.4	1.082	2.042	9.1	19.0
3 2	8 50.66	+ 9 26.2	1.132	2.050	14.0	19.3
3 12	8 47.48	+10 14.8	1.202	2.060	18.3	19.6

272619 2005 WY_{33} 2 5.1 69.°59 3.°0/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.97	+ 6 48.9	1.813	2.606	15.4	20.9
1 12	9 33.65	+ 6 44.4	1.764	2.641	11.8	20.8
1 22	9 25.24	+ 6 54.9	1.737	2.676	7.8	20.6
2 1	9 15.56	+ 7 18.2	1.738	2.711	4.1	20.4
2 11	9 5.71	+ 7 50.2	1.767	2.745	3.5	20.5
2 21	8 56.76	+ 8 26.2	1.826	2.779	6.7	20.7
3 2	8 49.60	+ 9 1.5	1.912	2.812	10.3	21.0
3 12	8 44.79	+ 9 32.5	2.021	2.845	13.3	21.3

225426 2000 AF_{253} 2 5.1 99.°87 0.°5/ 4.7 18

1 2	9 35.26	+15 6.6	2.154	2.971	12.4	21.1
1 12	9 30.21	+15 44.7	2.084	2.983	9.2	20.9
1 22	9 23.25	+16 31.1	2.040	2.995	5.5	20.7
2 1	9 15.02	+17 21.5	2.024	3.007	1.6	20.4
2 11	9 6.43	+18 10.6	2.038	3.019	2.6	20.5
2 21	8 58.42	+18 54.0	2.082	3.030	6.4	20.8
3 2	8 51.82	+19 28.4	2.153	3.041	9.8	21.0
3 12	8 47.24	+19 52.1	2.248	3.052	12.8	21.2

433056 2012 TC_{1} 2 5.1 150.°88 3.°0/ 7.9 17

1 2	9 32.70	+ 3 41.0	2.588	3.361	11.8	21.7
1 12	9 28.06	+ 3 53.5	2.503	3.366	9.3	21.5
1 22	9 21.86	+ 4 19.9	2.442	3.371	6.5	21.4
2 1	9 14.61	+ 4 58.6	2.409	3.376	3.9	21.2
2 11	9 7.02	+ 5 46.7	2.406	3.380	3.2	21.2
2 21	8 59.81	+ 6 40.2	2.433	3.384	5.4	21.3
3 2	8 53.66	+ 7 34.9	2.489	3.387	8.2	21.5
3 12	8 49.12	+ 8 26.9	2.570	3.391	10.9	21.7

294615 2008 AM_{26} 2 5.1 193.°28 1.°2/ 4.1 18

1 2	9 36.19	+15 37.7	1.923	2.746	13.4	21.2
1 12	9 31.28	+16 41.2	1.843	2.745	10.0	21.0
1 22	9 24.11	+17 55.9	1.787	2.744	6.0	20.7
2 1	9 15.33	+19 15.6	1.760	2.742	1.9	20.4
2 11	9 5.95	+20 33.0	1.762	2.741	3.3	20.5
2 21	8 57.08	+21 41.3	1.794	2.738	7.6	20.8
3 2	8 49.77	+22 36.0	1.852	2.736	11.4	21.0
3 12	8 44.79	+23 15.1	1.933	2.733	14.7	21.2

455444 2003 SX_{170} 2 5.1 119.°68 1.°2/ 5.9 18

1 2	9 39.11	+10 48.5	1.853	2.660	14.5	22.3
1 12	9 33.26	+11 10.0	1.785	2.675	11.0	22.1
1 22	9 25.17	+11 44.1	1.741	2.691	6.9	21.9
2 1	9 15.60	+12 27.3	1.725	2.705	2.5	21.6
2 11	9 5.63	+13 14.1	1.738	2.720	2.6	21.7
2 21	8 56.38	+13 59.4	1.780	2.733	6.8	21.9
3 2	8 48.84	+14 38.8	1.850	2.746	10.7	22.2
3 12	8 43.69	+15 9.4	1.943	2.759	14.1	22.4

425661 2010 XA_{17} 2 5.1 205.°97 4.°5/ 8.0 18

1 2	9 37.21	+ 2 41.3	2.156	2.926	14.0	21.2
1 12	9 31.73	+ 2 15.8	2.065	2.923	11.2	21.0
1 22	9 24.25	+ 2 5.3	1.996	2.919	8.1	20.8
2 1	9 15.35	+ 2 9.9	1.955	2.915	5.4	20.6
2 11	9 5.93	+ 2 28.0	1.942	2.910	4.7	20.6
2 21	8 56.93	+ 2 56.3	1.959	2.905	6.9	20.7
3 2	8 49.27	+ 3 30.7	2.003	2.899	10.1	20.9
3 12	8 43.65	+ 4 6.5	2.072	2.894	13.1	21.1

429317 2010 EE_{71} 2 5.1 31.°52 1.°7/ 6.3 18

1 2	9 32.68	+ 9 1.8	1.727	2.543	15.0	20.7
1 12	9 28.67	+ 9 29.5	1.660	2.554	11.4	20.5
1 22	9 22.48	+10 13.0	1.616	2.566	7.3	20.3
2 1	9 14.82	+11 8.6	1.599	2.578	3.0	20.1
2 11	9 6.75	+12 10.3	1.609	2.591	2.8	20.1
2 21	8 59.34	+13 11.8	1.647	2.604	6.9	20.4
3 2	8 53.56	+14 7.4	1.711	2.618	10.9	20.6
3 12	8 50.07	+14 53.2	1.799	2.632	14.3	20.9

136582 1992 BA 2 5.1 252.°75 1.°9/ 6.1 17

1 2	9 35.23	+ 1 55.1	0.524	1.399	30.3	20.5
1 12	9 34.35	+ 3 42.3	0.467	1.392	23.9	20.1
1 22	9 28.10	+ 6 46.6	0.421	1.383	15.7	19.6
2 1	9 16.97	+11 5.7	0.392	1.374	5.9	19.0
2 11	9 3.19	+16 9.7	0.381	1.365	5.7	18.9
2 21	8 50.11	+21 8.9	0.388	1.355	16.3	19.4
3 2	8 41.23	+25 19.6	0.411	1.345	25.7	19.8
3 12	8 38.73	+28 22.9	0.445	1.335	33.3	20.2

76434 2000 FO_{24} 2 5.1 107.°47 2.°1/ 3.2 18

1 2	9 34.62	+19 40.6	2.262	3.088	11.6	19.3
1 12	9 29.75	+20 42.1	2.193	3.098	8.5	19.1
1 22	9 22.99	+21 49.0	2.150	3.107	5.1	19.0
2 1	9 14.96	+22 55.7	2.136	3.115	2.3	18.8
2 11	9 6.54	+23 56.2	2.152	3.124	3.7	18.9
2 21	8 58.64	+24 45.9	2.197	3.133	7.0	19.1
3 2	8 52.10	+25 22.1	2.270	3.141	10.1	19.3
3 12	8 47.54	+25 44.3	2.365	3.150	12.8	19.5

117566 2005 EG_{30} 2 5.1 309°.36 2°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.87	+18 32.2	1.445	2.289	16.0	20.3
1 12	9 32.58	+19 6.7	1.361	2.273	12.0	20.0
1 22	9 25.29	+19 50.9	1.298	2.258	7.3	19.7
2 1	9 15.76	+20 38.3	1.261	2.243	2.6	19.3
2 11	9 5.30	+21 21.1	1.251	2.229	4.4	19.4
2 21	8 55.47	+21 52.6	1.266	2.215	9.5	19.7
3 2	8 47.73	+22 8.8	1.306	2.201	14.4	19.9
3 12	8 43.08	+22 8.9	1.365	2.188	18.5	20.1

499454 2010 EA_{101} 2 5.1 316°.06 2°.4/ 7.0 17

1 2	9 32.12	+ 6 30.7	2.069	2.867	13.5	21.2
1 12	9 28.08	+ 6 54.4	1.980	2.861	10.5	21.0
1 22	9 22.09	+ 7 34.0	1.914	2.855	7.0	20.8
2 1	9 14.73	+ 8 27.3	1.875	2.850	3.5	20.6
2 11	9 6.85	+ 9 29.7	1.864	2.844	2.9	20.5
2 21	8 59.38	+10 35.8	1.883	2.839	6.3	20.7
3 2	8 53.21	+11 39.9	1.929	2.834	10.0	20.9
3 12	8 49.03	+12 37.4	2.000	2.829	13.2	21.1

281760 2009 BP_{172} 2 5.1 121°.29 0°.8/ 5.9 18

1 2	9 32.97	+ 9 47.2	2.724	3.518	10.7	21.0
1 12	9 28.17	+10 35.7	2.649	3.533	8.1	20.8
1 22	9 21.88	+11 34.6	2.600	3.547	5.0	20.6
2 1	9 14.62	+12 40.6	2.581	3.561	1.8	20.4
2 11	9 7.06	+13 49.3	2.593	3.575	1.9	20.5
2 21	8 59.91	+14 56.1	2.637	3.588	5.0	20.7
3 2	8 53.80	+15 57.2	2.709	3.601	8.0	20.9
3 12	8 49.25	+16 49.9	2.808	3.613	10.5	21.1

133085 2003 MY_{4} 2 5.1 172°.56 0°.7/ 5.6 18

1 2	9 38.22	+11 18.6	2.105	2.908	13.2	21.0
1 12	9 32.52	+11 56.2	2.023	2.912	9.9	20.8
1 22	9 24.73	+12 45.9	1.966	2.915	6.2	20.6
2 1	9 15.50	+13 43.9	1.937	2.918	2.1	20.3
2 11	9 5.76	+14 44.7	1.938	2.920	2.4	20.3
2 21	8 56.54	+15 42.7	1.970	2.921	6.5	20.6
3 2	8 48.76	+16 33.6	2.030	2.921	10.2	20.8
3 12	8 43.14	+17 14.5	2.114	2.921	13.4	21.0

371746 2007 EH_{217} 2 5.1 106°.47 2°.1/ 3.7 18

1 2	9 38.48	+20 32.5	1.927	2.755	13.2	20.9
1 12	9 32.87	+21 0.8	1.856	2.761	9.8	20.7
1 22	9 24.98	+21 33.2	1.809	2.766	5.9	20.5
2 1	9 15.57	+22 4.4	1.790	2.771	2.4	20.2
2 11	9 5.72	+22 29.2	1.800	2.776	3.8	20.3
2 21	8 56.56	+22 43.8	1.839	2.780	7.6	20.6
3 2	8 49.11	+22 46.5	1.904	2.785	11.3	20.8
3 12	8 44.07	+22 37.5	1.992	2.790	14.4	21.0

217438 2005 SK_{157} 2 5.1 95°.10 0°.7/ 4.6 18

1 2	9 38.00	+16 25.7	1.838	2.662	13.9	21.1
1 12	9 32.55	+16 48.4	1.768	2.670	10.3	20.9
1 22	9 24.80	+17 19.0	1.722	2.679	6.2	20.7
2 1	9 15.52	+17 52.8	1.704	2.687	1.8	20.4
2 11	9 5.80	+18 24.6	1.715	2.695	3.0	20.5
2 21	8 56.80	+18 49.9	1.754	2.703	7.3	20.8
3 2	8 49.52	+19 6.0	1.820	2.711	11.2	21.1
3 12	8 44.67	+19 11.8	1.908	2.719	14.5	21.3

321619 2009 WQ_{53} 2 5.1 119°.47 3°.1/ 3.4 17

1 2	9 44.79	+21 27.1	1.539	2.370	15.8	20.8
1 12	9 37.94	+22 13.7	1.481	2.387	11.7	20.6
1 22	9 28.18	+23 4.7	1.447	2.403	7.1	20.3
2 1	9 16.51	+23 52.0	1.440	2.419	3.3	20.1
2 11	9 4.42	+24 27.9	1.462	2.435	5.0	20.3
2 21	8 53.41	+24 47.9	1.511	2.449	9.3	20.6
3 2	8 44.75	+24 50.9	1.585	2.463	13.4	20.8
3 12	8 39.20	+24 38.6	1.681	2.476	16.8	21.1

495000 2010 JF_{46} 2 5.1 271°.53 6°.2/31.8 17

1 2	9 40.34	+27 24.5	1.615	2.456	14.7	21.6
1 12	9 35.26	+28 51.6	1.528	2.435	11.3	21.4
1 22	9 27.02	+30 22.5	1.464	2.414	7.9	21.1
2 1	9 16.32	+31 46.4	1.427	2.392	6.2	20.9
2 11	9 4.50	+32 52.3	1.418	2.370	8.1	21.0
2 21	8 53.19	+33 32.9	1.434	2.347	11.9	21.2
3 2	8 43.97	+33 45.9	1.474	2.324	15.8	21.3
3 12	8 37.98	+33 33.8	1.533	2.301	19.3	21.5

462060 2007 ES_{73} 2 5.1 347°.78 4°.2/ 8.3 18

1 2	9 31.55	+ 1 42.0	1.642	2.436	16.7	21.0
1 12	9 28.10	+ 2 11.5	1.558	2.432	13.3	20.8
1 22	9 22.31	+ 3 6.0	1.495	2.429	9.4	20.5
2 1	9 14.84	+ 4 23.7	1.457	2.425	5.6	20.3
2 11	9 6.74	+ 5 58.9	1.447	2.423	4.4	20.2
2 21	8 59.14	+ 7 42.9	1.464	2.421	7.6	20.4
3 2	8 53.16	+ 9 26.5	1.507	2.419	11.6	20.6
3 12	8 49.60	+11 1.5	1.573	2.418	15.4	20.8

66309 1999 JX_{41} 2 5.1 237°.56 2°.2/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.83	+ 8 8.9	1.948	2.745	14.3	19.8
1 12	9 32.56	+ 8 24.8	1.848	2.731	11.1	19.6
1 22	9 24.96	+ 8 56.0	1.772	2.716	7.3	19.3
2 1	9 15.63	+ 9 40.2	1.723	2.700	3.3	19.1
2 11	9 5.55	+10 33.0	1.703	2.683	3.0	19.0
2 21	8 55.84	+11 28.9	1.713	2.666	7.0	19.2
3 2	8 47.59	+12 22.4	1.750	2.648	11.1	19.4
3 12	8 41.64	+13 9.1	1.810	2.630	14.8	19.6

499890 2011 FF_{121} 2 5.1 11°.12 0°.7/ 5.5 17

1 2	9 35.09	+12 34.3	1.962	2.778	13.5	22.1
1 12	9 30.34	+12 52.6	1.882	2.778	10.2	21.8
1 22	9 23.47	+13 21.7	1.826	2.779	6.3	21.6
2 1	9 15.14	+13 58.4	1.797	2.779	2.1	21.3
2 11	9 6.33	+14 37.8	1.797	2.779	2.5	21.4
2 21	8 58.07	+15 15.3	1.826	2.780	6.7	21.6
3 2	8 51.29	+15 46.9	1.882	2.781	10.5	21.9
3 12	8 46.71	+16 10.2	1.961	2.781	13.8	22.1

415819 2001 QY_{151} 2 5.1 114°.45 11°.3/15.8 18

1 2	9 39.89	−21 22.3	2.461	3.058	16.4	21.1
1 12	9 33.51	−22 42.2	2.395	3.081	14.9	21.0
1 22	9 25.21	−23 36.6	2.347	3.104	13.4	20.9
2 1	9 15.64	−24 1.5	2.321	3.126	12.1	20.8
2 11	9 5.65	−23 55.5	2.317	3.146	11.4	20.8
2 21	8 56.17	−23 20.7	2.338	3.167	11.4	20.8
3 2	8 48.07	−22 22.1	2.383	3.186	12.1	20.9
3 12	8 41.95	−21 7.1	2.451	3.205	13.2	21.0

55951 1998 HP_{58} 2 5.1 217°.79 0°.1/ 4.9 18

1 2	9 33.26	+14 50.8	2.703	3.513	10.4	20.5
1 12	9 28.51	+15 18.7	2.614	3.509	7.7	20.3
1 22	9 22.17	+15 53.5	2.550	3.503	4.7	20.1
2 1	9 14.74	+16 32.2	2.515	3.498	1.3	19.8
2 11	9 6.93	+17 11.0	2.512	3.492	2.1	19.9
2 21	8 59.47	+17 46.6	2.538	3.487	5.4	20.1
3 2	8 53.06	+18 16.1	2.593	3.481	8.4	20.3
3 12	8 48.26	+18 37.7	2.673	3.474	11.1	20.4

69064 2003 AZ_{7} 2 5.1 218°.39 5°.9/ 2.3 18

1 2	9 52.46	+32 18.3	1.892	2.705	14.0	18.7
1 12	9 43.61	+32 41.9	1.808	2.697	10.9	18.5
1 22	9 31.66	+32 58.0	1.749	2.688	7.8	18.3
2 1	9 17.58	+32 58.3	1.718	2.678	6.0	18.2
2 11	9 2.88	+32 37.0	1.717	2.667	7.2	18.2
2 21	8 49.18	+31 52.6	1.746	2.656	10.3	18.4
3 2	8 37.89	+30 48.1	1.801	2.644	13.7	18.6
3 12	8 29.85	+29 29.2	1.878	2.631	16.8	18.8

110414 2001 TM_{16} 2 5.1 175°.45 4°.6/30.9 18

1 2	9 36.00	+30 52.3	2.905	3.727	9.4	20.3
1 12	9 30.59	+32 6.4	2.835	3.729	7.2	20.2
1 22	9 23.45	+33 18.1	2.793	3.731	5.3	20.0
2 1	9 15.13	+34 21.8	2.781	3.732	4.6	20.0
2 11	9 6.39	+35 12.4	2.799	3.733	5.6	20.0
2 21	8 58.05	+35 47.1	2.846	3.733	7.7	20.2
3 2	8 50.89	+36 4.9	2.919	3.733	9.8	20.3
3 12	8 45.51	+36 6.9	3.015	3.733	11.8	20.5

135736 2002 PS_{139} 2 5.1 100°.03 3°.4/ 3.1 18

1 2	9 45.80	+25 9.4	1.920	2.741	13.5	20.4
1 12	9 38.06	+25 36.7	1.867	2.767	10.0	20.2
1 22	9 27.95	+26 2.7	1.840	2.792	6.3	20.0
2 1	9 16.40	+26 21.4	1.842	2.817	3.6	19.9
2 11	9 4.68	+26 28.1	1.874	2.841	4.8	20.0
2 21	8 54.01	+26 20.6	1.935	2.865	8.2	20.3
3 2	8 45.39	+25 59.6	2.023	2.888	11.5	20.5
3 12	8 39.43	+25 27.2	2.134	2.910	14.3	20.8

496314 2013 GS_{120} 2 5.1 276°.34 3°.4/ 7.2 18

1 2	9 35.47	+ 5 39.3	1.613	2.418	16.5	21.7
1 12	9 31.12	+ 5 48.7	1.526	2.409	12.9	21.5
1 22	9 24.21	+ 6 18.0	1.460	2.401	8.8	21.2
2 1	9 15.43	+ 7 5.7	1.419	2.393	4.7	21.0
2 11	9 5.90	+ 8 6.9	1.405	2.384	3.9	20.9
2 21	8 56.87	+ 9 14.8	1.419	2.376	7.8	21.1
3 2	8 49.57	+10 22.1	1.459	2.367	12.2	21.3
3 12	8 44.88	+11 22.5	1.520	2.359	16.2	21.5

367365 2008 FF_{117} 2 5.1 183°.12 2°.0/ 3.6 18

1 2	9 37.67	+19 45.4	2.033	2.859	12.7	21.6
1 12	9 32.26	+20 27.6	1.955	2.859	9.4	21.4
1 22	9 24.64	+21 15.3	1.902	2.859	5.7	21.1
2 1	9 15.51	+22 3.1	1.878	2.859	2.3	20.9
2 11	9 5.86	+22 45.0	1.883	2.858	3.7	21.0
2 21	8 56.79	+23 16.6	1.917	2.857	7.5	21.2
3 2	8 49.29	+23 35.4	1.978	2.856	11.1	21.5
3 12	8 44.08	+23 41.1	2.062	2.855	14.2	21.7

39074 2000 VX_{17} 2 5.1 166°.45 2°.1/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.01	+19 19.6	1.977	2.806	12.9	19.2
1 12	9 31.09	+20 10.3	1.901	2.807	9.5	19.0
1 22	9 23.96	+21 7.5	1.850	2.808	5.7	18.7
2 1	9 15.31	+22 5.4	1.827	2.808	2.3	18.5
2 11	9 6.15	+22 57.5	1.834	2.809	3.8	18.6
2 21	8 57.56	+23 38.9	1.869	2.809	7.7	18.8
3 2	8 50.53	+24 6.5	1.930	2.809	11.3	19.1
3 12	8 45.79	+24 19.8	2.014	2.810	14.4	19.3

282596 2005 FG_{6} 2 5.1 275°.96 3°.4/ 7.9 18

1 2	9 32.28	+ 3 14.5	2.228	3.008	13.3	20.4
1 12	9 28.08	+ 3 28.8	2.136	3.002	10.5	20.2
1 22	9 22.05	+ 3 59.8	2.066	2.997	7.4	20.0
2 1	9 14.75	+ 4 46.2	2.024	2.991	4.4	19.8
2 11	9 6.96	+ 5 44.6	2.011	2.985	3.6	19.7
2 21	8 59.54	+ 6 49.9	2.026	2.979	6.2	19.9
3 2	8 53.31	+ 7 56.7	2.070	2.973	9.4	20.1
3 12	8 48.94	+ 9 0.1	2.139	2.968	12.5	20.3

123355 2000 WC_{9} 2 5.1 130°.47 0°.0/ 5.1 18

1 2	9 40.75	+13 56.9	1.963	2.772	13.7	20.9
1 12	9 34.39	+14 22.9	1.895	2.789	10.2	20.7
1 22	9 25.83	+14 58.4	1.852	2.805	6.2	20.5
2 1	9 15.83	+15 39.0	1.837	2.820	1.8	20.2
2 11	9 5.47	+16 19.4	1.853	2.834	2.6	20.3
2 21	8 55.82	+16 55.1	1.898	2.848	6.8	20.6
3 2	8 47.86	+17 22.9	1.971	2.861	10.6	20.8
3 12	8 42.25	+17 41.1	2.068	2.873	13.7	21.1

108874 2001 OD_{104} 2 5.1 194°.46 1°.3/ 4.2 18

1 2	9 39.98	+18 57.1	2.053	2.873	12.8	20.0
1 12	9 33.93	+19 16.3	1.971	2.871	9.5	19.8
1 22	9 25.64	+19 40.3	1.914	2.869	5.7	19.6
2 1	9 15.81	+20 4.8	1.885	2.867	1.9	19.3
2 11	9 5.47	+20 25.0	1.886	2.864	3.2	19.4
2 21	8 55.73	+20 37.5	1.917	2.861	7.2	19.6
3 2	8 47.59	+20 40.2	1.975	2.857	10.9	19.8
3 12	8 41.77	+20 32.8	2.056	2.853	14.1	20.0

89801 2002 AM_{151} 2 5.1 25°.95 0°.0/ 4.9 18

1 2	9 34.12	+13 24.1	1.540	2.374	15.7	19.5
1 12	9 30.05	+14 1.5	1.474	2.380	11.7	19.2
1 22	9 23.48	+14 52.4	1.431	2.388	7.1	19.0
2 1	9 15.19	+15 51.5	1.413	2.396	2.1	18.7
2 11	9 6.39	+16 51.6	1.423	2.404	3.0	18.8
2 21	8 58.34	+17 45.7	1.459	2.414	7.9	19.1
3 2	8 52.16	+18 28.9	1.521	2.423	12.3	19.4
3 12	8 48.61	+18 58.4	1.604	2.434	15.9	19.6

14966 Jurijvega 2 5.1 158°.56 1°.2/ 5.9 18

1 2	9 38.60	+ 9 23.0	1.932	2.733	14.3	19.4
1 12	9 32.94	+10 5.1	1.854	2.741	10.8	19.2
1 22	9 25.06	+11 2.3	1.800	2.748	6.8	19.0
2 1	9 15.65	+12 10.4	1.774	2.755	2.6	18.7
2 11	9 5.71	+13 23.1	1.779	2.760	2.6	18.7
2 21	8 56.35	+14 33.9	1.813	2.765	6.8	19.0
3 2	8 48.58	+15 37.5	1.875	2.769	10.7	19.3
3 12	8 43.11	+16 30.0	1.960	2.773	14.1	19.5

25304 1998 XQ_{28} 2 5.1 111°.86 0°.0/ 4.9 18

1 2	9 35.77	+14 25.9	2.271	3.084	12.0	19.0
1 12	9 30.51	+14 48.6	2.199	3.094	8.9	18.8
1 22	9 23.42	+15 19.1	2.152	3.105	5.4	18.6
2 1	9 15.13	+15 54.0	2.133	3.116	1.6	18.3
2 11	9 6.50	+16 29.0	2.145	3.126	2.3	18.4
2 21	8 58.41	+17 0.4	2.186	3.136	6.0	18.7
3 2	8 51.67	+17 25.2	2.255	3.146	9.4	18.9
3 12	8 46.87	+17 41.8	2.349	3.156	12.2	19.1

7139 Tsubokawa 2 5.1 325°.24 3°.1/ 7.6 18

1 2	9 32.39	+ 4 28.5	2.152	2.940	13.4	17.6
1 12	9 28.19	+ 4 46.1	2.065	2.938	10.6	17.4
1 22	9 22.13	+ 5 20.1	2.001	2.936	7.3	17.2
2 1	9 14.78	+ 6 8.7	1.964	2.935	4.1	17.0
2 11	9 6.97	+ 7 8.0	1.956	2.933	3.4	16.9
2 21	8 59.57	+ 8 12.9	1.978	2.932	6.2	17.1
3 2	8 53.42	+ 9 17.9	2.026	2.930	9.6	17.3
3 12	8 49.19	+10 18.1	2.100	2.929	12.7	17.5

368969 2007 CB_{5} 2 5.1 204°.52 0°.4/ 4.9 18

1 2	9 39.63	+16 52.1	2.049	2.865	13.0	20.6
1 12	9 33.65	+16 55.9	1.965	2.863	9.7	20.4
1 22	9 25.47	+17 5.5	1.906	2.860	5.9	20.1
2 1	9 15.77	+17 17.4	1.875	2.857	1.7	19.9
2 11	9 5.58	+17 27.8	1.874	2.854	2.7	19.9
2 21	8 55.98	+17 33.5	1.902	2.851	6.8	20.2
3 2	8 47.94	+17 32.6	1.958	2.848	10.6	20.4
3 12	8 42.20	+17 24.2	2.038	2.844	13.9	20.6

25670 Densley 2 5.1 39°.57 0°.9/ 4.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 34.67	+16 27.3	1.947	2.774	13.1	18.8
1 12	9 30.05	+17 5.5	1.874	2.778	9.7	18.6
1 22	9 23.31	+17 52.0	1.826	2.783	5.8	18.4
2 1	9 15.14	+18 42.1	1.805	2.787	1.8	18.1
2 11	9 6.51	+19 29.8	1.813	2.792	3.0	18.2
2 21	8 58.47	+20 10.3	1.849	2.797	7.1	18.5
3 2	8 51.96	+20 40.3	1.912	2.802	10.8	18.7
3 12	8 47.67	+20 58.2	1.998	2.808	14.0	18.9

323939 2005 TG_{195} 2 5.1 163°.84 1°.4/ 6.1 18

1 2	9 35.80	+ 9 58.5	1.987	2.793	13.7	22.0
1 12	9 30.85	+10 21.1	1.906	2.795	10.4	21.8
1 22	9 23.79	+10 57.0	1.849	2.797	6.6	21.6
2 1	9 15.29	+11 42.9	1.819	2.799	2.6	21.3
2 11	9 6.30	+12 34.0	1.819	2.800	2.6	21.3
2 21	8 57.82	+13 25.0	1.848	2.802	6.5	21.6
3 2	8 50.82	+14 11.3	1.904	2.803	10.4	21.8
3 12	8 45.99	+14 49.5	1.983	2.804	13.7	22.0

494756 2005 YE_{291} 2 5.1 79°.32 0°.9/ 4.6 18

1 2	9 38.83	+15 58.4	1.449	2.284	16.4	21.8
1 12	9 33.83	+16 32.0	1.378	2.285	12.2	21.5
1 22	9 25.92	+17 17.2	1.329	2.287	7.4	21.2
2 1	9 15.97	+18 7.8	1.305	2.288	2.2	20.9
2 11	9 5.34	+18 56.2	1.309	2.290	3.7	21.0
2 21	8 55.52	+19 35.7	1.340	2.292	8.8	21.3
3 2	8 47.85	+20 2.3	1.396	2.293	13.5	21.6
3 12	8 43.20	+20 14.6	1.472	2.295	17.4	21.9

151996 2004 HM_{65} 2 5.1 196°.75 4°.7/ 2.6 18

1 2	9 45.19	+26 16.9	1.639	2.471	15.0	20.4
1 12	9 38.45	+26 58.9	1.566	2.470	11.3	20.1
1 22	9 28.67	+27 40.6	1.515	2.467	7.4	19.9
2 1	9 16.77	+28 13.9	1.492	2.465	4.7	19.7
2 11	9 4.20	+28 31.2	1.497	2.461	6.3	19.8
2 21	8 52.53	+28 28.9	1.530	2.457	10.1	20.0
3 2	8 43.15	+28 7.0	1.588	2.453	14.0	20.3
3 12	8 36.92	+27 28.8	1.666	2.448	17.4	20.5

464931 2005 UM_{199} 2 5.1 175°.22 2°.1/ 6.7 16

1 2	9 36.03	+ 8 6.2	2.190	2.984	13.0	22.2
1 12	9 30.84	+ 8 18.8	2.106	2.986	10.0	22.0
1 22	9 23.71	+ 8 44.3	2.045	2.987	6.6	21.8
2 1	9 15.27	+ 9 20.6	2.012	2.989	3.1	21.6
2 11	9 6.36	+10 3.7	2.009	2.989	2.7	21.6
2 21	8 57.92	+10 49.2	2.036	2.989	6.1	21.8
3 2	8 50.81	+11 32.8	2.091	2.989	9.6	22.0
3 12	8 45.68	+12 11.1	2.170	2.989	12.7	22.2

373259 2012 GE_{39} 2 5.1 258°.75 1°.7/ 3.8 17

1 2	9 36.50	+18 6.3	2.034	2.859	12.7	21.6
1 12	9 31.57	+18 54.4	1.940	2.843	9.5	21.3
1 22	9 24.37	+19 50.8	1.870	2.827	5.7	21.1
2 1	9 15.51	+20 50.2	1.829	2.811	2.1	20.8
2 11	9 5.95	+21 46.2	1.817	2.794	3.6	20.9
2 21	8 56.78	+22 33.2	1.834	2.777	7.6	21.1
3 2	8 49.06	+23 7.5	1.878	2.759	11.5	21.3
3 12	8 43.61	+23 27.7	1.945	2.742	14.8	21.5

450304 2004 RA_{60} 2 5.1 93°.55 1°.4/ 6.0 18

1 2	9 40.08	+10 3.2	1.577	2.389	16.4	21.9
1 12	9 34.26	+10 29.0	1.519	2.411	12.4	21.7
1 22	9 25.90	+11 10.3	1.483	2.433	7.8	21.4
2 1	9 15.91	+12 2.5	1.474	2.454	2.9	21.2
2 11	9 5.54	+12 59.1	1.493	2.475	2.9	21.2
2 21	8 56.08	+13 53.5	1.540	2.495	7.5	21.6
3 2	8 48.63	+14 40.5	1.614	2.515	11.8	21.9
3 12	8 43.88	+15 16.9	1.710	2.534	15.3	22.1

396586 2000 UO 2 5.1 112°.64 7°.4/10.8 18

1 2	9 39.17	− 6 27.7	1.963	2.689	16.6	21.1
1 12	9 33.18	− 6 53.0	1.896	2.712	13.9	21.0
1 22	9 25.10	− 6 54.5	1.850	2.734	11.0	20.8
2 1	9 15.67	− 6 31.0	1.829	2.756	8.5	20.7
2 11	9 5.87	− 5 44.7	1.835	2.777	7.4	20.7
2 21	8 56.75	− 4 40.5	1.869	2.797	8.5	20.8
3 2	8 49.22	− 3 25.5	1.930	2.817	10.9	21.0
3 12	8 43.92	− 2 7.1	2.015	2.835	13.5	21.2

29841 1999 FO_{14} 2 5.1 63°.76 1°.3/ 4.3 18

1 2	9 37.38	+17 32.9	1.737	2.568	14.3	19.1
1 12	9 32.27	+18 4.4	1.668	2.574	10.6	18.8
1 22	9 24.75	+18 43.6	1.623	2.580	6.4	18.6
2 1	9 15.59	+19 25.2	1.604	2.587	2.0	18.3
2 11	9 5.96	+20 3.1	1.615	2.594	3.4	18.4
2 21	8 57.05	+20 32.3	1.653	2.601	7.8	18.7
3 2	8 49.95	+20 50.0	1.717	2.607	11.8	19.0
3 12	8 45.38	+20 55.4	1.803	2.614	15.2	19.2

319536 2006 RK_{72} 2 5.1 48.°66 1.°4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.67	+10 39.3	1.426	2.253	17.1	21.2
1 12	9 31.96	+10 59.4	1.370	2.270	12.9	21.0
1 22	9 24.62	+11 35.7	1.335	2.288	8.1	20.8
2 1	9 15.55	+12 23.5	1.325	2.306	3.0	20.5
2 11	9 6.07	+13 16.2	1.343	2.325	3.0	20.6
2 21	8 57.53	+14 6.8	1.387	2.344	7.9	20.9
3 2	8 51.06	+14 49.9	1.456	2.363	12.3	21.2
3 12	8 47.37	+15 22.0	1.547	2.383	16.1	21.5

305879 2009 FA_{12} 2 5.1 38.°69 2.°0/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.76	+18 31.3	1.095	1.950	19.1	20.6
1 12	9 34.77	+18 59.1	1.055	1.973	14.1	20.4
1 22	9 26.45	+19 35.8	1.036	1.997	8.4	20.2
2 1	9 16.07	+20 13.1	1.039	2.022	2.8	19.9
2 11	9 5.42	+20 42.8	1.068	2.048	4.6	20.1
2 21	8 56.23	+20 59.4	1.122	2.075	9.9	20.5
3 2	8 49.83	+21 0.9	1.198	2.102	14.7	20.8
3 12	8 46.87	+20 48.3	1.294	2.130	18.6	21.2

325426 2009 OZ_{8} 2 5.1 196.°22 3.°2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.97	+ 2 59.7	2.296	3.068	13.2	21.8
1 12	9 30.03	+ 3 24.8	2.203	3.066	10.4	21.6
1 22	9 23.24	+ 4 6.9	2.134	3.063	7.3	21.4
2 1	9 15.16	+ 5 4.4	2.092	3.059	4.2	21.2
2 11	9 6.57	+ 6 13.3	2.080	3.055	3.5	21.1
2 21	8 58.35	+ 7 28.4	2.098	3.050	6.1	21.3
3 2	8 51.34	+ 8 43.8	2.145	3.045	9.3	21.5
3 12	8 46.20	+ 9 54.5	2.218	3.039	12.4	21.7

28579 2000 EQ_{97} 2 5.1 270.°97 2.°9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.56	+20 6.7	1.529	2.367	15.5	17.7
1 12	9 34.60	+20 55.5	1.441	2.350	11.6	17.5
1 22	9 26.58	+21 53.1	1.375	2.334	7.2	17.2
2 1	9 16.26	+22 52.1	1.336	2.317	3.1	16.9
2 11	9 4.95	+23 43.6	1.325	2.300	5.0	16.9
2 21	8 54.19	+24 20.7	1.340	2.282	9.9	17.2
3 2	8 45.49	+24 39.7	1.380	2.265	14.5	17.4
3 12	8 39.90	+24 40.4	1.440	2.247	18.5	17.6

458731 2011 LR_{23} 2 5.1 96.°93 3.°9/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.00	+25 23.8	2.241	3.072	11.5	21.2
1 12	9 30.88	+26 32.2	2.179	3.083	8.5	21.0
1 22	9 23.76	+27 41.5	2.143	3.094	5.6	20.9
2 1	9 15.30	+28 45.1	2.135	3.105	3.9	20.8
2 11	9 6.46	+29 37.0	2.158	3.116	5.2	20.9
2 21	8 58.20	+30 13.4	2.209	3.127	8.0	21.1
3 2	8 51.42	+30 32.8	2.286	3.137	10.9	21.3
3 12	8 46.74	+30 36.0	2.385	3.148	13.3	21.5

21136 1993 FH_{19} 2 5.1 38.°52 2.°5/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.38	+19 25.5	1.706	2.544	14.2	18.3
1 12	9 30.89	+20 25.4	1.640	2.551	10.4	18.1
1 22	9 23.97	+21 32.9	1.599	2.557	6.3	17.8
2 1	9 15.40	+22 40.6	1.584	2.564	2.7	17.6
2 11	9 6.32	+23 40.9	1.597	2.572	4.4	17.8
2 21	8 57.94	+24 27.9	1.638	2.579	8.5	18.0
3 2	8 51.37	+24 58.4	1.705	2.587	12.3	18.3
3 12	8 47.33	+25 12.1	1.792	2.595	15.6	18.5

282346 2002 YY_{32} 2 5.1 5.°64 3.°8/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.28	+ 4 39.1	2.110	2.896	13.7	20.1
1 12	9 29.60	+ 4 18.7	2.026	2.896	10.9	19.9
1 22	9 23.01	+ 4 12.4	1.965	2.896	7.7	19.7
2 1	9 15.11	+ 4 20.0	1.931	2.897	4.7	19.5
2 11	9 6.75	+ 4 39.1	1.925	2.898	4.1	19.5
2 21	8 58.86	+ 5 6.3	1.948	2.899	6.5	19.7
3 2	8 52.31	+ 5 37.6	1.998	2.900	9.8	19.9
3 12	8 47.74	+ 6 8.8	2.072	2.902	12.8	20.0

289031 2004 TJ_{127} 2 5.1 121.°64 0.°9/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.48	+15 34.2	1.794	2.613	14.4	21.7
1 12	9 34.43	+16 24.8	1.732	2.631	10.7	21.5
1 22	9 25.99	+17 25.2	1.693	2.648	6.4	21.2
2 1	9 15.98	+18 29.2	1.682	2.665	1.9	21.0
2 11	9 5.55	+19 29.7	1.701	2.681	3.2	21.1
2 21	8 55.91	+20 21.0	1.750	2.696	7.6	21.4
3 2	8 48.09	+20 59.4	1.825	2.710	11.5	21.7
3 12	8 42.81	+21 23.9	1.922	2.724	14.7	21.9

203627 2002 FC_{20} 2 5.1 353.°04 1.°0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.47	+14 13.1	1.408	2.238	17.1	19.4
1 12	9 35.10	+13 56.4	1.333	2.236	12.9	19.1
1 22	9 26.74	+13 49.9	1.280	2.235	8.1	18.8
2 1	9 16.27	+13 50.7	1.252	2.234	2.7	18.5
2 11	9 5.10	+13 54.3	1.251	2.233	3.2	18.6
2 21	8 54.79	+13 57.0	1.276	2.233	8.6	18.9
3 2	8 46.69	+13 55.5	1.327	2.233	13.4	19.1
3 12	8 41.72	+13 47.8	1.398	2.233	17.5	19.4

276349 2002 TL_{385} 2 5.1 164.°60 3.°7/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.62	+22 38.1	1.812	2.639	14.0	21.9
1 12	9 36.25	+23 48.4	1.743	2.646	10.4	21.7
1 22	9 27.24	+25 3.1	1.698	2.652	6.5	21.5
2 1	9 16.39	+26 13.9	1.682	2.657	3.7	21.3
2 11	9 4.94	+27 12.6	1.695	2.661	5.4	21.4
2 21	8 54.23	+27 53.9	1.737	2.664	9.1	21.6
3 2	8 45.45	+28 15.7	1.804	2.667	12.8	21.9
3 12	8 39.43	+28 19.3	1.894	2.668	15.9	22.1

286597 2002 CU_{296} 2 5.1 30.°42 4.°6/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.54	+25 32.8	1.137	1.992	18.6	19.8
1 12	9 37.79	+25 45.4	1.087	2.003	13.9	19.6
1 22	9 28.42	+25 56.6	1.057	2.016	8.8	19.3
2 1	9 16.71	+25 58.0	1.051	2.029	4.8	19.2
2 11	9 4.62	+25 42.9	1.070	2.043	6.4	19.3
2 21	8 54.06	+25 9.5	1.114	2.058	11.1	19.6
3 2	8 46.51	+24 20.0	1.180	2.074	15.7	19.9
3 12	8 42.70	+23 18.5	1.265	2.090	19.6	20.2

151039 2001 UW_{198} 2 5.1 72.°97 1.°1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.32	+17 25.0	1.725	2.554	14.5	20.6
1 12	9 32.94	+17 51.8	1.660	2.565	10.7	20.4
1 22	9 25.14	+18 26.1	1.618	2.576	6.4	20.2
2 1	9 15.74	+19 2.6	1.604	2.586	2.0	19.9
2 11	9 5.91	+19 35.5	1.618	2.597	3.3	20.0
2 21	8 56.87	+20 0.2	1.660	2.608	7.7	20.3
3 2	8 49.68	+20 14.2	1.728	2.619	11.7	20.6
3 12	8 45.05	+20 16.6	1.818	2.630	15.0	20.8

489125 2006 DZ_{19} 2 5.1 257.°65 0.°1/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.31	+13 40.5	1.770	2.589	14.6	22.4
1 12	9 33.28	+14 19.4	1.670	2.569	11.0	22.2
1 22	9 25.63	+15 12.0	1.594	2.549	6.8	21.9
2 1	9 15.99	+16 13.6	1.545	2.528	2.0	21.5
2 11	9 5.42	+17 17.5	1.526	2.507	3.0	21.5
2 21	8 55.21	+18 16.8	1.535	2.485	8.0	21.8
3 2	8 46.63	+19 5.9	1.570	2.463	12.6	22.0
3 12	8 40.66	+19 41.6	1.627	2.440	16.5	22.2

94969 2001 YR_{107} 2 5.1 59.°11 2.°7/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.37	+ 8 26.9	1.342	2.164	18.3	19.4
1 12	9 33.40	+ 8 29.8	1.283	2.178	14.0	19.1
1 22	9 25.60	+ 8 51.6	1.245	2.194	9.1	18.9
2 1	9 15.90	+ 9 28.9	1.231	2.209	4.2	18.6
2 11	9 5.72	+10 15.8	1.244	2.225	3.7	18.7
2 21	8 56.51	+11 5.1	1.283	2.241	8.3	19.0
3 2	8 49.52	+11 50.5	1.346	2.257	12.9	19.3
3 12	8 45.52	+12 27.3	1.431	2.273	16.8	19.6

383774 2007 VY_{299} 2 5.1 72.°32 6.°0/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.06	− 2 39.0	2.266	3.009	14.2	20.5
1 12	9 30.66	− 3 19.0	2.199	3.030	11.7	20.3
1 22	9 23.52	− 3 41.4	2.153	3.050	9.1	20.2
2 1	9 15.24	− 3 45.3	2.134	3.071	6.8	20.1
2 11	9 6.68	− 3 31.9	2.143	3.092	6.0	20.1
2 21	8 58.67	− 3 4.4	2.181	3.113	7.3	20.2
3 2	8 51.98	− 2 27.2	2.245	3.133	9.5	20.4
3 12	8 47.16	− 1 45.4	2.334	3.154	11.9	20.6

53501 2000 AC_{95} 2 5.1 140.°49 0.°3/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.37	+14 16.9	1.735	2.548	15.1	18.7
1 12	9 36.65	+14 27.1	1.665	2.560	11.3	18.4
1 22	9 27.39	+14 46.9	1.619	2.572	6.9	18.2
2 1	9 16.43	+15 12.2	1.600	2.582	2.1	17.9
2 11	9 5.00	+15 37.9	1.611	2.592	2.8	18.0
2 21	8 54.40	+15 59.6	1.651	2.602	7.5	18.3
3 2	8 45.76	+16 14.3	1.717	2.610	11.7	18.6
3 12	8 39.81	+16 20.5	1.807	2.618	15.2	18.8

492984 2014 SZ_{160} 2 5.1 205.°48 0.°8/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.93	+16 37.1	2.144	2.957	12.6	22.4
1 12	9 33.91	+17 5.7	2.055	2.951	9.4	22.1
1 22	9 25.71	+17 41.6	1.990	2.945	5.7	21.9
2 1	9 15.95	+18 20.6	1.955	2.938	1.7	21.6
2 11	9 5.62	+18 57.6	1.950	2.930	2.8	21.7
2 21	8 55.76	+19 28.2	1.975	2.921	6.9	21.9
3 2	8 47.38	+19 49.6	2.028	2.912	10.6	22.1
3 12	8 41.22	+20 0.5	2.105	2.901	13.8	22.3

195240 2002 EG_{22} 2 5.1 230.°40 5.°1/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.79	+30 56.1	2.357	3.179	11.3	21.0
1 12	9 34.56	+31 45.8	2.275	3.169	8.7	20.8
1 22	9 26.09	+32 32.2	2.218	3.158	6.3	20.6
2 1	9 16.06	+33 8.8	2.190	3.147	5.1	20.5
2 11	9 5.48	+33 30.3	2.191	3.135	6.3	20.6
2 21	8 55.46	+33 33.5	2.221	3.123	8.8	20.7
3 2	8 46.99	+33 18.5	2.277	3.111	11.6	20.9
3 12	8 40.82	+32 47.5	2.355	3.098	14.0	21.0

399492 2002 TB_{143} 2 5.1 73°.12 1°.2/ 5.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.55	+ 9 37.3	1.672	2.481	15.8	21.7
1 12	9 33.63	+10 21.3	1.625	2.516	11.8	21.5
1 22	9 25.41	+11 20.3	1.601	2.551	7.3	21.3
2 1	9 15.80	+12 28.8	1.605	2.585	2.7	21.1
2 11	9 5.97	+13 39.8	1.637	2.619	2.7	21.1
2 21	8 57.08	+14 46.3	1.699	2.653	7.0	21.5
3 2	8 50.09	+15 43.3	1.787	2.685	11.0	21.8
3 12	8 45.61	+16 28.1	1.899	2.718	14.2	22.1

384989 2012 TE_{190} 2 5.1 147°.10 3°.8/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.09	+ 1 39.1	2.624	3.386	12.0	21.0
1 12	9 28.38	+ 1 32.6	2.538	3.390	9.6	20.8
1 22	9 22.14	+ 1 40.1	2.476	3.394	7.0	20.6
2 1	9 14.85	+ 2 1.0	2.441	3.398	4.6	20.5
2 11	9 7.22	+ 2 33.2	2.435	3.402	3.9	20.5
2 21	8 59.97	+ 3 13.4	2.460	3.406	5.7	20.6
3 2	8 53.76	+ 3 57.8	2.512	3.409	8.3	20.7
3 12	8 49.14	+ 4 42.3	2.590	3.412	10.8	20.9

16838 1997 WT_{39} 2 5.1 37°.37 2°.3/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.36	+19 16.1	1.785	2.622	13.7	17.5
1 12	9 29.98	+20 12.4	1.726	2.636	10.0	17.3
1 22	9 23.35	+21 15.3	1.691	2.650	6.0	17.1
2 1	9 15.24	+22 18.1	1.683	2.664	2.5	16.9
2 11	9 6.73	+23 13.9	1.704	2.679	4.1	17.1
2 21	8 58.95	+23 57.4	1.752	2.694	7.9	17.3
3 2	8 52.87	+24 25.9	1.826	2.709	11.6	17.6
3 12	8 49.15	+24 38.9	1.922	2.725	14.7	17.8

375453 2008 TO_{100} 2 5.1 180°.99 3°.2/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.34	+ 4 18.5	2.320	3.099	12.9	21.6
1 12	9 29.52	+ 4 23.3	2.232	3.099	10.1	21.5
1 22	9 22.93	+ 4 42.7	2.168	3.099	7.0	21.3
2 1	9 15.12	+ 5 15.4	2.132	3.099	4.1	21.1
2 11	9 6.86	+ 5 58.4	2.125	3.099	3.5	21.0
2 21	8 59.02	+ 6 47.5	2.147	3.099	6.0	21.2
3 2	8 52.38	+ 7 38.2	2.198	3.098	9.1	21.4
3 12	8 47.56	+ 8 26.3	2.273	3.097	12.0	21.6

448328 2009 DW_{110} 2 5.1 26°.79 17°.5/ 3.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	10 5.52	+52 1.4	0.964	1.781	24.0	19.9
1 12	9 55.22	+52 35.2	0.942	1.801	21.2	19.8
1 22	9 38.86	+52 29.6	0.935	1.823	18.8	19.7
2 1	9 19.55	+51 28.4	0.947	1.846	17.6	19.7
2 11	9 1.36	+49 28.5	0.980	1.871	18.0	19.8
2 21	8 47.38	+46 41.6	1.032	1.898	19.7	20.0
3 2	8 38.97	+43 26.4	1.104	1.926	21.9	20.3
3 12	8 36.03	+40 0.7	1.194	1.955	24.1	20.6

518654 2008 RG_{148} 2 5.1 228°.33 2°.4/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.25	+21 30.0	2.238	3.062	11.7	21.8
1 12	9 31.89	+22 9.6	2.152	3.055	8.7	21.6
1 22	9 24.46	+22 52.9	2.093	3.048	5.4	21.4
2 1	9 15.59	+23 34.9	2.061	3.040	2.5	21.2
2 11	9 6.19	+24 10.3	2.060	3.032	3.9	21.2
2 21	8 57.27	+24 35.1	2.088	3.024	7.3	21.4
3 2	8 49.75	+24 47.4	2.143	3.016	10.6	21.6
3 12	8 44.35	+24 46.9	2.222	3.007	13.5	21.8

379049 2008 WB_{37} 2 5.1 63°.71 4°.1/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.58	+ 3 8.8	2.049	2.830	14.3	20.7
1 12	9 29.82	+ 2 57.2	1.975	2.841	11.3	20.5
1 22	9 23.14	+ 3 1.9	1.924	2.852	8.1	20.4
2 1	9 15.18	+ 3 22.0	1.899	2.863	5.1	20.2
2 11	9 6.84	+ 3 54.9	1.903	2.874	4.3	20.2
2 21	8 59.05	+ 4 36.3	1.935	2.886	6.6	20.3
3 2	8 52.66	+ 5 21.3	1.994	2.897	9.8	20.5
3 12	8 48.28	+ 6 5.1	2.078	2.909	12.7	20.8

429289 2010 CV_{147} 2 5.1 303°.16 0°.2/ 4.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.62	+15 2.4	1.982	2.805	13.1	21.8
1 12	9 30.26	+15 24.2	1.881	2.782	9.9	21.5
1 22	9 23.66	+15 55.7	1.804	2.760	6.0	21.3
2 1	9 15.40	+16 33.2	1.754	2.737	1.8	20.9
2 11	9 6.43	+17 11.7	1.733	2.715	2.7	21.0
2 21	8 57.80	+17 46.3	1.741	2.693	7.1	21.2
3 2	8 50.58	+18 13.3	1.775	2.671	11.2	21.4
3 12	8 45.58	+18 30.3	1.832	2.649	14.8	21.6

356988 1998 BC_{31} 2 5.1 3°.89 0°.2/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.54	+13 22.2	1.380	2.216	17.0	21.4
1 12	9 32.26	+13 48.8	1.308	2.215	12.8	21.2
1 22	9 25.08	+14 30.3	1.258	2.215	7.9	20.9
2 1	9 15.84	+15 21.5	1.233	2.216	2.4	20.5
2 11	9 5.90	+16 14.8	1.234	2.217	3.3	20.6
2 21	8 56.73	+17 3.1	1.262	2.218	8.7	20.9
3 2	8 49.70	+17 40.8	1.314	2.219	13.5	21.2
3 12	8 45.67	+18 5.0	1.386	2.221	17.6	21.5

76577 2000 GK_{122} 2 5.1 197°.61 3°.5/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.19	+25 54.2	2.420	3.246	10.9	20.2
1 12	9 31.70	+26 37.1	2.343	3.244	8.2	20.0
1 22	9 24.28	+27 20.1	2.292	3.243	5.3	19.8
2 1	9 15.53	+27 57.9	2.270	3.241	3.5	19.7
2 11	9 6.37	+28 25.6	2.277	3.239	4.7	19.7
2 21	8 57.72	+28 40.1	2.314	3.236	7.5	19.9
3 2	8 50.45	+28 40.5	2.378	3.234	10.3	20.1
3 12	8 45.20	+28 27.6	2.464	3.231	12.9	20.3

5642 Bobbywilliams 2 5.1 121°.17 1°.6/ 5.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 49.19	+12 36.2	2.000	2.788	14.3	18.6
1 12	9 40.47	+12 9.1	1.933	2.813	10.8	18.5
1 22	9 29.46	+11 49.6	1.891	2.836	6.8	18.3
2 1	9 17.03	+11 35.8	1.879	2.858	2.7	18.0
2 11	9 4.36	+11 25.4	1.899	2.879	2.8	18.1
2 21	8 52.61	+11 16.2	1.950	2.899	6.7	18.4
3 2	8 42.78	+11 6.5	2.031	2.918	10.4	18.6
3 12	8 35.51	+10 55.0	2.137	2.936	13.5	18.9

314165 2005 GF_{25} 2 5.1 305°.33 3°.3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.67	+27 31.9	2.911	3.737	9.3	20.8
1 12	9 28.89	+28 6.0	2.824	3.724	7.0	20.6
1 22	9 22.49	+28 39.2	2.763	3.711	4.7	20.5
2 1	9 15.01	+29 7.1	2.731	3.698	3.3	20.3
2 11	9 7.14	+29 26.2	2.729	3.686	4.3	20.4
2 21	8 59.64	+29 34.0	2.756	3.673	6.6	20.5
3 2	8 53.22	+29 29.5	2.810	3.661	9.1	20.7
3 12	8 48.45	+29 13.3	2.888	3.648	11.3	20.8

419817 2010 XZ_{9} 2 5.1 200°.12 3°.1/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.86	+22 9.9	2.145	2.971	12.1	21.6
1 12	9 32.48	+23 18.4	2.065	2.968	9.0	21.3
1 22	9 24.90	+24 31.7	2.010	2.965	5.6	21.1
2 1	9 15.76	+25 43.0	1.984	2.960	3.2	21.0
2 11	9 6.04	+26 45.5	1.989	2.956	4.7	21.1
2 21	8 56.80	+27 34.1	2.023	2.951	8.0	21.2
3 2	8 49.05	+28 6.0	2.083	2.945	11.4	21.4
3 12	8 43.53	+28 21.3	2.166	2.939	14.2	21.6

219392 2000 SY_{151} 2 5.1 134°.00 6°.2/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.34	+33 54.7	2.214	3.036	12.0	20.3
1 12	9 35.72	+34 57.6	2.157	3.047	9.4	20.1
1 22	9 26.76	+35 54.1	2.125	3.057	7.1	20.0
2 1	9 16.27	+36 36.7	2.122	3.067	6.2	19.9
2 11	9 5.41	+36 59.9	2.147	3.076	7.4	20.0
2 21	8 55.34	+37 1.5	2.199	3.085	9.7	20.2
3 2	8 47.10	+36 42.6	2.277	3.094	12.1	20.4
3 12	8 41.36	+36 6.4	2.376	3.102	14.3	20.5

18802 1999 JR_{76} 2 5.1 220°.98 5°.3/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.81	− 1 48.9	2.304	3.052	13.8	19.0
1 12	9 29.98	− 1 59.0	2.206	3.045	11.4	18.8
1 22	9 23.30	− 1 50.9	2.131	3.037	8.7	18.6
2 1	9 15.29	− 1 24.2	2.082	3.029	6.2	18.5
2 11	9 6.74	− 0 40.8	2.061	3.020	5.4	18.4
2 21	8 58.54	+ 0 15.6	2.069	3.011	6.9	18.5
3 2	8 51.51	+ 1 19.6	2.106	3.001	9.7	18.6
3 12	8 46.32	+ 2 25.5	2.167	2.991	12.5	18.8

372496 2009 SM_{253} 2 5.1 191°.95 2°.1/ 3.4 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.52	+21 4.0	2.441	3.258	11.1	23.0
1 12	9 32.65	+21 43.3	2.357	3.257	8.2	22.8
1 22	9 24.85	+22 26.1	2.300	3.254	5.0	22.6
2 1	9 15.73	+23 7.6	2.272	3.251	2.3	22.4
2 11	9 6.15	+23 43.1	2.275	3.247	3.5	22.5
2 21	8 57.04	+24 8.9	2.308	3.243	6.7	22.7
3 2	8 49.25	+24 23.2	2.369	3.238	9.9	22.9
3 12	8 43.43	+24 25.8	2.454	3.233	12.6	23.0

413039 2001 NB_{12} 2 5.1 208°.27 1°.4/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.74	+ 9 33.9	2.187	2.984	12.9	21.8
1 12	9 31.50	+ 9 56.3	2.094	2.979	9.9	21.6
1 22	9 24.25	+10 31.3	2.027	2.973	6.3	21.4
2 1	9 15.58	+11 16.1	1.987	2.966	2.6	21.1
2 11	9 6.35	+12 6.5	1.978	2.959	2.5	21.1
2 21	8 57.53	+12 57.6	1.998	2.951	6.2	21.3
3 2	8 50.03	+13 44.9	2.047	2.943	9.9	21.5
3 12	8 44.55	+14 25.1	2.120	2.934	13.1	21.7

16527 1991 DH_{1} 2 5.1 315°.31 3°.0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.00	+ 4 41.1	1.570	2.379	16.6	17.6
1 12	9 28.74	+ 5 20.0	1.477	2.363	13.1	17.3
1 22	9 22.96	+ 6 23.8	1.405	2.348	8.9	17.0
2 1	9 15.27	+ 7 49.9	1.358	2.333	4.5	16.7
2 11	9 6.74	+ 9 31.8	1.338	2.318	3.6	16.6
2 21	8 58.61	+11 20.0	1.345	2.304	7.8	16.8
3 2	8 52.13	+13 4.5	1.378	2.291	12.5	17.0
3 12	8 48.25	+14 37.4	1.434	2.278	16.7	17.3

431257 2006 UQ_{19} 2 5.1 284.°53 5.°4/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 32.25	− 2 24.6	2.420	3.167	13.3	21.2
1 12	9 28.00	− 2 41.5	2.323	3.159	11.0	21.0
1 22	9 22.05	− 2 41.1	2.249	3.151	8.5	20.8
2 1	9 14.92	− 2 22.9	2.201	3.143	6.3	20.7
2 11	9 7.31	− 1 48.3	2.180	3.135	5.5	20.6
2 21	9 0.02	− 1 0.5	2.188	3.127	6.8	20.7
3 2	8 53.82	− 0 4.3	2.224	3.119	9.2	20.8
3 12	8 49.31	+ 0 55.1	2.284	3.111	11.8	21.0

294022 2007 TT_{121} 2 5.1 41.°10 1.°8/ 3.8 18

1 2	9 35.21	+19 37.4	2.203	3.029	11.9	20.7
1 12	9 30.33	+20 13.2	2.126	3.030	8.7	20.5
1 22	9 23.50	+20 53.8	2.075	3.031	5.3	20.3
2 1	9 15.35	+21 34.6	2.052	3.033	2.1	20.1
2 11	9 6.77	+22 10.7	2.058	3.034	3.3	20.2
2 21	8 58.71	+22 38.0	2.094	3.036	6.9	20.4
3 2	8 52.05	+22 54.4	2.156	3.037	10.2	20.6
3 12	8 47.41	+22 59.2	2.242	3.039	13.1	20.8

172001 2001 UN_{23} 2 5.1 117.°83 0.°3/ 5.4 18

1 2	9 36.28	+14 10.0	2.731	3.533	10.5	20.8
1 12	9 30.62	+14 19.3	2.660	3.549	7.8	20.6
1 22	9 23.44	+14 34.8	2.614	3.565	4.8	20.5
2 1	9 15.29	+14 53.7	2.599	3.580	1.5	20.2
2 11	9 6.90	+15 13.3	2.614	3.595	1.9	20.3
2 21	8 58.99	+15 30.9	2.660	3.610	5.1	20.5
3 2	8 52.22	+15 44.3	2.736	3.624	8.0	20.7
3 12	8 47.10	+15 52.3	2.836	3.638	10.5	20.9

464403 2016 BL_{18} 2 5.1 301.°51 0.°1/ 5.1 18

1 2	9 35.50	+13 42.7	1.562	2.393	15.6	21.1
1 12	9 31.41	+14 16.8	1.474	2.379	11.8	20.8
1 22	9 24.61	+15 5.4	1.407	2.364	7.2	20.5
2 1	9 15.78	+16 3.6	1.367	2.350	2.2	20.2
2 11	9 6.09	+17 4.2	1.354	2.336	3.2	20.2
2 21	8 56.90	+18 0.0	1.368	2.322	8.4	20.5
3 2	8 49.53	+18 45.2	1.407	2.308	13.1	20.7
3 12	8 44.94	+19 16.5	1.467	2.295	17.2	20.9

474249 2001 SU_{113} 2 5.1 153.°92 14.°0/15.5 18

1 2	9 38.69	−17 9.9	1.277	1.981	24.9	21.8
1 12	9 34.17	−17 43.2	1.205	1.987	22.2	21.6
1 22	9 26.44	−17 31.8	1.146	1.993	19.1	21.4
2 1	9 16.34	−16 28.1	1.105	1.997	16.1	21.2
2 11	9 5.33	−14 31.6	1.084	2.002	14.2	21.1
2 21	8 55.08	−11 51.0	1.087	2.005	14.3	21.1
3 2	8 47.14	− 8 42.5	1.114	2.008	16.4	21.2
3 12	8 42.54	− 5 26.1	1.162	2.010	19.5	21.4

430710 2004 DL_{57} 2 5.1 20.°37 3.°6/ 3.8 18

1 2	9 48.92	+28 9.3	1.850	2.670	14.0	20.3
1 12	9 40.67	+27 46.6	1.778	2.675	10.6	20.1
1 22	9 29.75	+27 17.7	1.730	2.680	6.9	19.8
2 1	9 17.17	+26 37.8	1.711	2.685	3.9	19.7
2 11	9 4.33	+25 44.2	1.722	2.692	4.9	19.7
2 21	8 52.61	+24 37.7	1.763	2.698	8.5	20.0
3 2	8 43.13	+23 21.0	1.832	2.705	12.1	20.2
3 12	8 36.58	+21 58.2	1.925	2.713	15.2	20.4

242568 2005 EC_{248} 2 5.1 230.°31 1.°5/ 6.4 17

1 2	9 33.71	+ 9 25.1	2.351	3.150	12.1	21.2
1 12	9 29.12	+ 9 45.2	2.261	3.145	9.2	21.0
1 22	9 22.75	+10 17.1	2.195	3.141	5.9	20.8
2 1	9 15.14	+10 58.1	2.157	3.136	2.5	20.5
2 11	9 7.07	+11 44.6	2.150	3.131	2.3	20.5
2 21	8 59.39	+12 32.1	2.172	3.126	5.7	20.7
3 2	8 52.88	+13 16.6	2.222	3.121	9.1	20.9
3 12	8 48.18	+13 54.9	2.297	3.115	12.1	21.1

77176 2001 FU_{1} 2 5.1 45.°15 5.°5/ 2.5 18

1 2	9 41.04	+24 3.9	1.067	1.928	19.0	18.6
1 12	9 36.23	+25 12.1	1.022	1.942	14.2	18.4
1 22	9 27.68	+26 23.8	0.997	1.956	9.1	18.2
2 1	9 16.64	+27 26.5	0.995	1.971	5.6	18.0
2 11	9 5.07	+28 8.9	1.018	1.986	7.6	18.2
2 21	8 54.97	+28 25.4	1.064	2.002	12.3	18.5
3 2	8 47.90	+28 16.3	1.132	2.019	16.8	18.8
3 12	8 44.66	+27 45.7	1.217	2.035	20.6	19.1

216841 2006 XQ_{31} 2 5.1 167.°44 2.°2/ 6.8 18

1 2	9 37.75	+ 7 40.2	2.373	3.157	12.4	21.0
1 12	9 32.00	+ 7 47.4	2.288	3.163	9.6	20.8
1 22	9 24.43	+ 8 6.6	2.228	3.167	6.3	20.6
2 1	9 15.63	+ 8 35.7	2.197	3.172	3.1	20.4
2 11	9 6.41	+ 9 11.6	2.196	3.175	2.7	20.4
2 21	8 57.65	+ 9 50.2	2.226	3.178	5.8	20.6
3 2	8 50.15	+10 28.0	2.284	3.179	9.0	20.8
3 12	8 44.53	+11 1.6	2.368	3.181	11.9	21.0

96497 1998 KD_{37} 2 5.1 264.°18 0.°9/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.96	+12 3.9	1.786	2.601	14.7	20.6
1 12	9 32.97	+12 21.0	1.688	2.583	11.2	20.3
1 22	9 25.45	+12 51.1	1.613	2.565	7.0	20.0
2 1	9 16.02	+13 31.0	1.565	2.546	2.5	19.7
2 11	9 5.76	+14 15.4	1.545	2.527	2.8	19.7
2 21	8 55.89	+14 58.9	1.554	2.508	7.6	19.9
3 2	8 47.63	+15 36.3	1.590	2.489	12.0	20.1
3 12	8 41.90	+16 4.5	1.648	2.469	15.9	20.3

276325 2002 TJ_{212} 2 5.1 154.°23 3.°4/ 1.9 17

1 2	9 35.92	+24 38.7	2.444	3.270	10.8	20.8
1 12	9 30.77	+25 42.8	2.372	3.275	8.0	20.6
1 22	9 23.73	+26 48.5	2.328	3.279	5.2	20.4
2 1	9 15.43	+27 50.0	2.312	3.283	3.4	20.3
2 11	9 6.70	+28 41.6	2.327	3.287	4.7	20.4
2 21	8 58.45	+29 19.6	2.371	3.291	7.4	20.6
3 2	8 51.53	+29 42.2	2.441	3.294	10.2	20.8
3 12	8 46.54	+29 49.9	2.535	3.297	12.7	21.0

24597 4292 $T\text{-}_{3}$ 2 5.1 177.°72 2.°2/ 6.9 18

1 2	9 34.63	+ 6 51.7	2.165	2.957	13.2	19.6
1 12	9 29.91	+ 7 17.0	2.080	2.958	10.2	19.4
1 22	9 23.27	+ 7 57.3	2.018	2.959	6.8	19.2
2 1	9 15.31	+ 8 49.8	1.984	2.960	3.3	19.0
2 11	9 6.87	+ 9 50.3	1.980	2.960	2.8	18.9
2 21	8 58.87	+10 53.3	2.005	2.960	6.1	19.1
3 2	8 52.16	+11 53.9	2.059	2.959	9.6	19.4
3 12	8 47.41	+12 47.8	2.136	2.958	12.7	19.6

461698 2005 QJ_{157} 2 5.1 170.°21 0.°0/ 4.9 18

1 2	9 38.58	+14 45.3	2.496	3.299	11.3	22.2
1 12	9 32.56	+15 4.2	2.413	3.304	8.5	22.0
1 22	9 24.74	+15 29.8	2.356	3.308	5.1	21.8
2 1	9 15.73	+15 59.1	2.329	3.311	1.5	21.5
2 11	9 6.32	+16 28.3	2.333	3.314	2.2	21.6
2 21	8 57.38	+16 54.1	2.368	3.316	5.7	21.8
3 2	8 49.71	+17 13.9	2.431	3.317	9.0	22.0
3 12	8 43.89	+17 26.4	2.520	3.318	11.8	22.2

238375 2004 CP_{70} 2 5.1 354.°23 0.°5/ 4.7 18

1 2	9 33.13	+14 52.0	1.969	2.794	13.1	20.1
1 12	9 29.02	+15 33.8	1.890	2.792	9.7	19.8
1 22	9 22.83	+16 25.9	1.834	2.791	5.9	19.6
2 1	9 15.19	+17 23.6	1.807	2.790	1.7	19.3
2 11	9 7.05	+18 21.0	1.808	2.789	2.8	19.4
2 21	8 59.41	+19 12.6	1.838	2.788	6.9	19.7
3 2	8 53.22	+19 54.3	1.894	2.788	10.7	19.9
3 12	8 49.16	+20 23.8	1.974	2.788	13.9	20.1

284866 2009 CG_{40} 2 5.1 332.°65 2.°9/ 2.6 18

1 2	9 33.63	+21 28.9	2.164	2.997	11.8	20.2
1 12	9 29.32	+22 37.6	2.087	2.994	8.7	20.0
1 22	9 22.98	+23 51.6	2.035	2.991	5.4	19.8
2 1	9 15.24	+25 4.5	2.012	2.989	3.0	19.6
2 11	9 6.98	+26 9.8	2.018	2.986	4.4	19.7
2 21	8 59.18	+27 2.4	2.053	2.984	7.7	19.9
3 2	8 52.76	+27 39.2	2.114	2.982	10.9	20.1
3 12	8 48.40	+27 59.7	2.198	2.980	13.8	20.3

362080 2009 BF_{123} 2 5.1 10.°08 1.°0/ 5.7 18

1 2	9 37.16	+12 19.3	1.389	2.221	17.2	21.3
1 12	9 32.70	+12 31.2	1.318	2.222	13.0	21.0
1 22	9 25.36	+12 58.1	1.268	2.223	8.1	20.7
2 1	9 15.99	+13 35.7	1.242	2.224	2.8	20.4
2 11	9 5.94	+14 17.7	1.243	2.226	3.1	20.4
2 21	8 56.68	+14 57.6	1.271	2.228	8.4	20.7
3 2	8 49.54	+15 30.0	1.323	2.231	13.3	21.0
3 12	8 45.39	+15 51.8	1.395	2.234	17.4	21.3

462309 2008 GR_{91} 2 5.1 270.°89 0.°8/ 5.7 17

1 2	9 35.86	+11 43.0	1.831	2.647	14.3	21.9
1 12	9 31.26	+12 7.4	1.742	2.637	10.9	21.7
1 22	9 24.31	+12 45.2	1.675	2.627	6.8	21.4
2 1	9 15.67	+13 32.7	1.636	2.617	2.4	21.1
2 11	9 6.35	+14 24.6	1.625	2.607	2.6	21.1
2 21	8 57.50	+15 15.0	1.642	2.596	7.2	21.4
3 2	8 50.20	+15 59.1	1.686	2.586	11.4	21.6
3 12	8 45.27	+16 33.2	1.753	2.576	15.1	21.8

208689 2002 GR_{142} 2 5.1 241.°86 0.°4/ 5.4 18

1 2	9 38.23	+12 49.3	1.851	2.665	14.3	21.6
1 12	9 33.05	+13 14.5	1.758	2.653	10.8	21.3
1 22	9 25.43	+13 52.0	1.688	2.641	6.7	21.0
2 1	9 16.02	+14 37.9	1.645	2.628	2.2	20.7
2 11	9 5.86	+15 26.8	1.632	2.614	2.7	20.7
2 21	8 56.15	+16 13.0	1.648	2.600	7.4	21.0
3 2	8 48.02	+16 51.8	1.690	2.586	11.6	21.2
3 12	8 42.35	+17 20.3	1.755	2.571	15.3	21.4

321446 2009 QR_{58} 2 5.1 289°.12 1°.9/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.51	+10 6.4	1.728	2.541	15.1	21.1
1 12	9 31.89	+10 7.8	1.635	2.527	11.7	20.8
1 22	9 24.78	+10 23.2	1.564	2.512	7.6	20.5
2 1	9 15.83	+10 50.2	1.519	2.498	3.3	20.2
2 11	9 6.12	+11 24.8	1.502	2.484	3.0	20.2
2 21	8 56.85	+12 1.7	1.513	2.469	7.5	20.4
3 2	8 49.22	+12 36.1	1.550	2.455	11.9	20.6
3 12	8 44.11	+13 4.1	1.609	2.441	15.8	20.8

163616 2002 TO_{281} 2 5.1 40°.70 2°.2/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.24	+ 9 47.2	1.822	2.632	14.6	18.8
1 12	9 31.21	+ 9 35.3	1.758	2.648	11.2	18.6
1 22	9 24.05	+ 9 35.8	1.718	2.664	7.2	18.4
2 1	9 15.53	+ 9 46.5	1.704	2.681	3.3	18.2
2 11	9 6.67	+10 4.0	1.718	2.698	3.0	18.2
2 21	8 58.53	+10 24.5	1.761	2.716	6.7	18.5
3 2	8 52.04	+10 44.1	1.830	2.734	10.4	18.8
3 12	8 47.82	+10 59.9	1.922	2.753	13.6	19.0

122098 2000 HA_{70} 2 5.1 332°.35 4°.2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.23	+ 7 42.5	1.203	2.033	19.4	19.4
1 12	9 32.49	+ 7 13.0	1.125	2.023	15.3	19.1
1 22	9 25.52	+ 7 2.6	1.065	2.013	10.4	18.8
2 1	9 16.12	+ 7 11.4	1.028	2.004	5.6	18.5
2 11	9 5.73	+ 7 35.9	1.016	1.995	4.9	18.4
2 21	8 56.04	+ 8 10.1	1.028	1.987	9.5	18.7
3 2	8 48.65	+ 8 47.0	1.062	1.981	14.8	18.9
3 12	8 44.62	+ 9 20.0	1.116	1.975	19.4	19.2

373851 2003 HW_{43} 2 5.1 168°.80 5°.1/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.02	+32 12.8	2.660	3.478	10.3	21.3
1 12	9 33.76	+33 18.7	2.594	3.483	8.0	21.1
1 22	9 25.53	+34 20.6	2.553	3.488	5.9	21.0
2 1	9 15.98	+35 12.3	2.543	3.491	5.1	21.0
2 11	9 6.01	+35 48.8	2.562	3.494	6.2	21.0
2 21	8 56.58	+36 7.4	2.610	3.497	8.3	21.2
3 2	8 48.56	+36 7.9	2.684	3.499	10.6	21.3
3 12	8 42.58	+35 52.3	2.781	3.500	12.6	21.5

178974 2001 QO_{246} 2 5.1 145°.03 4°.5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.90	+28 49.7	2.204	3.026	12.0	20.3
1 12	9 36.04	+29 33.1	2.140	3.036	9.1	20.2
1 22	9 26.94	+30 13.5	2.100	3.045	6.2	20.0
2 1	9 16.39	+30 44.6	2.090	3.054	4.5	19.9
2 11	9 5.48	+31 1.3	2.109	3.063	5.7	20.0
2 21	8 55.32	+31 1.1	2.157	3.070	8.5	20.2
3 2	8 46.91	+30 44.4	2.232	3.078	11.3	20.4
3 12	8 40.90	+30 13.5	2.329	3.084	13.8	20.6

54413 2000 LL_{11} 2 5.1 219°.51 1°.5/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.12	+16 24.5	2.191	3.010	12.2	18.6
1 12	9 31.18	+17 38.9	2.102	3.002	9.0	18.4
1 22	9 24.16	+19 3.7	2.038	2.994	5.4	18.2
2 1	9 15.63	+20 32.9	2.003	2.985	1.9	17.9
2 11	9 6.47	+21 59.4	2.000	2.976	3.4	18.0
2 21	8 57.66	+23 16.6	2.026	2.966	7.2	18.2
3 2	8 50.18	+24 20.0	2.081	2.956	10.8	18.4
3 12	8 44.77	+25 7.6	2.159	2.946	13.8	18.6

503567 2016 GZ_{6} 2 5.1 205°.57 0°.6/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.95	+13 8.3	2.201	3.009	12.5	21.7
1 12	9 31.64	+13 21.7	2.113	3.006	9.4	21.5
1 22	9 24.33	+13 44.2	2.051	3.002	5.8	21.3
2 1	9 15.65	+14 12.7	2.017	2.999	1.9	21.0
2 11	9 6.49	+14 43.2	2.013	2.995	2.3	21.1
2 21	8 57.78	+15 12.0	2.038	2.990	6.2	21.3
3 2	8 50.43	+15 35.8	2.092	2.986	9.8	21.5
3 12	8 45.11	+15 52.4	2.169	2.981	12.9	21.7

122805 2000 SP_{99} 2 5.1 41°.24 4°.5/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.79	+26 40.4	1.571	2.411	15.1	19.1
1 12	9 35.79	+27 7.8	1.516	2.424	11.3	18.9
1 22	9 27.00	+27 33.2	1.483	2.437	7.3	18.7
2 1	9 16.43	+27 49.4	1.477	2.450	4.6	18.6
2 11	9 5.51	+27 50.5	1.499	2.465	6.0	18.7
2 21	8 55.69	+27 34.4	1.547	2.479	9.6	19.0
3 2	8 48.15	+27 1.9	1.619	2.494	13.3	19.2
3 12	8 43.58	+26 16.1	1.713	2.509	16.5	19.5

448151 2008 ST_{203} 2 5.1 82°.84 1°.2/ 5.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.77	+10 7.4	1.472	2.288	17.2	22.1
1 12	9 34.93	+10 41.9	1.420	2.314	12.9	21.9
1 22	9 26.44	+11 32.8	1.390	2.341	8.0	21.7
2 1	9 16.26	+12 34.8	1.386	2.366	2.9	21.5
2 11	9 5.74	+13 40.2	1.410	2.392	3.0	21.5
2 21	8 56.24	+14 41.7	1.462	2.417	7.8	21.9
3 2	8 48.88	+15 33.7	1.539	2.441	12.2	22.2
3 12	8 44.36	+16 13.0	1.639	2.465	15.8	22.5

89230 2001 UF_{132} 2 5.1 351°.96 5°.4/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 35.69	+29 53.7	2.133	2.968	11.8	19.5
1 12	9 30.97	+31 2.7	2.064	2.967	9.1	19.3
1 22	9 24.04	+32 9.8	2.021	2.965	6.5	19.2
2 1	9 15.58	+33 7.6	2.005	2.964	5.4	19.1
2 11	9 6.62	+33 49.7	2.018	2.962	6.7	19.2
2 21	8 58.24	+34 12.5	2.058	2.962	9.3	19.3
3 2	8 51.45	+34 15.2	2.123	2.961	12.1	19.5
3 12	8 46.95	+33 59.7	2.208	2.961	14.6	19.7

450517 2006 AG_{101} 2 5.1 21°.95 0°.3/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.20	+15 43.2	1.066	1.919	19.7	20.5
1 12	9 34.73	+15 27.7	1.011	1.926	14.8	20.3
1 22	9 26.76	+15 23.6	0.975	1.935	9.1	20.0
2 1	9 16.43	+15 26.5	0.962	1.945	2.8	19.7
2 11	9 5.52	+15 30.7	0.973	1.956	3.7	19.7
2 21	8 55.88	+15 31.5	1.008	1.968	9.7	20.1
3 2	8 49.01	+15 25.5	1.066	1.981	15.0	20.5
3 12	8 45.75	+15 11.4	1.142	1.995	19.4	20.8

231833 2000 PK_{27} 2 5.1 62°.08 1°.2/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.14	+19 29.4	2.191	3.012	12.1	19.8
1 12	9 32.35	+19 36.4	2.125	3.026	8.9	19.6
1 22	9 24.65	+19 46.7	2.085	3.040	5.4	19.4
2 1	9 15.72	+19 56.8	2.072	3.054	1.8	19.2
2 11	9 6.51	+20 2.9	2.090	3.069	2.9	19.3
2 21	8 57.98	+20 2.7	2.138	3.083	6.4	19.6
3 2	8 50.96	+19 54.9	2.212	3.098	9.8	19.8
3 12	8 46.02	+19 39.5	2.311	3.112	12.6	20.0

113573 2002 TR_{39} 2 5.1 121°.56 1°.9/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.43	+19 6.6	2.082	2.903	12.7	20.0
1 12	9 33.46	+19 58.2	2.019	2.920	9.3	19.8
1 22	9 25.39	+20 55.2	1.982	2.937	5.6	19.6
2 1	9 15.96	+21 51.8	1.973	2.954	2.2	19.4
2 11	9 6.16	+22 42.1	1.995	2.970	3.6	19.5
2 21	8 57.03	+23 21.6	2.046	2.985	7.2	19.8
3 2	8 49.51	+23 47.9	2.124	2.999	10.6	20.0
3 12	8 44.22	+24 0.9	2.226	3.013	13.4	20.2

14969 Willacather 2 5.1 212°.38 1°.2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.77	+10 36.9	1.779	2.588	15.0	18.7
1 12	9 33.48	+11 3.0	1.692	2.583	11.4	18.5
1 22	9 25.70	+11 43.8	1.627	2.577	7.2	18.2
2 1	9 16.12	+12 35.7	1.590	2.570	2.7	17.9
2 11	9 5.84	+13 32.9	1.581	2.563	2.8	17.9
2 21	8 56.07	+14 29.2	1.602	2.556	7.4	18.2
3 2	8 47.96	+15 19.1	1.649	2.547	11.7	18.4
3 12	8 42.37	+15 58.9	1.719	2.539	15.4	18.6

108449 2001 KW_{48} 2 5.1 181°.82 0°.6/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.11	+12 36.1	2.115	2.921	13.0	20.8
1 12	9 32.55	+12 57.4	2.031	2.922	9.8	20.6
1 22	9 24.92	+13 28.9	1.972	2.922	6.1	20.4
2 1	9 15.85	+14 7.3	1.941	2.922	2.0	20.1
2 11	9 6.27	+14 47.9	1.940	2.922	2.4	20.1
2 21	8 57.20	+15 26.2	1.969	2.920	6.4	20.4
3 2	8 49.57	+15 58.7	2.025	2.919	10.1	20.6
3 12	8 44.07	+16 22.9	2.106	2.916	13.3	20.8

129545 1996 SE_{3} 2 5.1 168°.09 1°.6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.10	+ 8 56.1	1.928	2.728	14.3	20.6
1 12	9 32.70	+ 9 26.6	1.847	2.733	10.9	20.4
1 22	9 25.08	+10 12.1	1.790	2.736	7.0	20.2
2 1	9 15.91	+11 9.1	1.760	2.739	2.9	19.9
2 11	9 6.19	+12 12.1	1.760	2.742	2.7	19.9
2 21	8 57.02	+13 15.0	1.790	2.744	6.7	20.2
3 2	8 49.40	+14 12.6	1.847	2.745	10.7	20.4
3 12	8 44.06	+15 0.8	1.928	2.745	14.1	20.6

234423 2001 RV_{103} 2 5.2 186°.18 1°.0/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.77	+10 22.0	2.753	3.548	10.6	21.5
1 12	9 28.92	+10 45.3	2.664	3.547	8.1	21.3
1 22	9 22.54	+11 18.0	2.601	3.547	5.1	21.2
2 1	9 15.12	+11 57.7	2.566	3.546	2.0	20.9
2 11	9 7.33	+12 41.0	2.563	3.544	1.9	20.9
2 21	8 59.88	+13 24.2	2.590	3.542	5.0	21.1
3 2	8 53.45	+14 4.3	2.646	3.540	8.0	21.3
3 12	8 48.57	+14 38.5	2.728	3.537	10.6	21.5

89328 2001 VF_{46} 2 5.2 130°.80 5°.4/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.27	+30 13.1	2.248	3.073	11.7	19.3
1 12	9 34.18	+31 33.6	2.191	3.087	8.9	19.2
1 22	9 25.89	+32 51.0	2.161	3.101	6.4	19.0
2 1	9 16.13	+33 57.8	2.159	3.114	5.4	19.0
2 11	9 5.95	+34 47.7	2.187	3.127	6.6	19.1
2 21	8 56.44	+35 17.3	2.244	3.138	9.1	19.2
3 2	8 48.58	+35 26.4	2.325	3.150	11.7	19.4
3 12	8 43.04	+35 17.3	2.428	3.161	13.9	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
142830 2002 VG_{11}			2 5.2 219°39		3°3/ 7.3 18	R
	h m	° ′			°	m
1 2	9 37.63	+ 6 6.0	2.002	2.790	14.3	19.6
1 12	9 32.34	+ 5 57.7	1.910	2.784	11.2	19.4
1 22	9 24.88	+ 6 4.0	1.842	2.778	7.7	19.2
2 1	9 15.87	+ 6 23.8	1.801	2.772	4.3	19.0
2 11	9 6.26	+ 6 54.3	1.788	2.765	3.7	18.9
2 21	8 57.09	+ 7 31.1	1.805	2.757	6.8	19.1
3 2	8 49.36	+ 8 9.8	1.849	2.749	10.5	19.3
3 12	8 43.83	+ 8 45.9	1.916	2.741	13.9	19.5
98175 2000 SU_{94}			2 5.2 9°50		4°8/ 7.7 18	
1 2	9 37.12	+ 4 44.7	1.410	2.217	18.3	19.4
1 12	9 32.63	+ 4 20.5	1.335	2.218	14.5	19.2
1 22	9 25.33	+ 4 16.7	1.281	2.218	10.2	18.9
2 1	9 16.04	+ 4 33.2	1.250	2.219	6.1	18.7
2 11	9 6.04	+ 5 6.8	1.246	2.221	5.2	18.6
2 21	8 56.76	+ 5 51.4	1.267	2.222	8.7	18.8
3 2	8 49.50	+ 6 40.2	1.313	2.225	13.0	19.1
3 12	8 45.14	+ 7 26.4	1.380	2.227	17.0	19.3
70393 1999 RC_{237}			2 5.2 203°61		2°8/ 3.1 18	
1 2	9 39.18	+20 44.3	1.893	2.722	13.4	19.9
1 12	9 33.73	+21 44.5	1.814	2.718	10.0	19.7
1 22	9 25.82	+22 51.0	1.759	2.715	6.1	19.5
2 1	9 16.16	+23 56.9	1.732	2.710	3.0	19.3
2 11	9 5.85	+24 54.9	1.734	2.705	4.6	19.4
2 21	8 56.10	+25 39.2	1.765	2.700	8.4	19.6
3 2	8 48.05	+26 6.9	1.822	2.694	12.2	19.8
3 12	8 42.50	+26 17.9	1.901	2.688	15.4	20.0
36314 2000 LH_{4}			2 5.2 103°33		1°3/ 3.8 18	
1 2	9 34.54	+17 11.1	2.611	3.425	10.6	18.5
1 12	9 29.51	+18 14.3	2.547	3.445	7.7	18.4
1 22	9 22.88	+19 23.5	2.509	3.465	4.6	18.2
2 1	9 15.22	+20 33.8	2.502	3.484	1.6	18.0
2 11	9 7.25	+21 40.1	2.526	3.503	2.8	18.1
2 21	8 59.75	+22 38.2	2.581	3.521	5.9	18.4
3 2	8 53.42	+23 25.2	2.665	3.539	8.7	18.6
3 12	8 48.77	+23 59.9	2.773	3.557	11.2	18.8
282591 2005 EC_{236}			2 5.2 278°05		1°9/ 6.7 18	
1 2	9 33.16	+ 7 56.1	2.187	2.986	12.9	20.6
1 12	9 28.85	+ 8 21.7	2.100	2.984	9.9	20.4
1 22	9 22.68	+ 9 1.3	2.037	2.981	6.5	20.2
2 1	9 15.20	+ 9 52.4	2.002	2.979	3.0	20.0
2 11	9 7.26	+10 50.4	1.996	2.976	2.5	19.9
2 21	8 59.72	+11 50.3	2.019	2.974	6.0	20.2
3 2	8 53.43	+12 47.3	2.070	2.972	9.5	20.4
3 12	8 49.04	+13 37.2	2.145	2.969	12.6	20.6
343007 2009 BW_{84}			2 5.2 106°32		0°3/ 5.4 17	
1 2	9 33.08	+12 8.0	2.318	3.127	11.9	20.7
1 12	9 28.68	+12 52.7	2.237	3.131	8.9	20.5
1 22	9 22.52	+13 48.3	2.182	3.134	5.5	20.3
2 1	9 15.15	+14 50.7	2.156	3.138	1.7	20.1
2 11	9 7.37	+15 55.0	2.159	3.141	2.2	20.1
2 21	9 0.01	+16 56.1	2.193	3.144	5.9	20.4
3 2	8 53.86	+17 49.8	2.254	3.148	9.2	20.6
3 12	8 49.53	+18 33.4	2.340	3.151	12.2	20.8
22630 Wallmuth			2 5.2 219°56		1°4/ 4.1 18	
1 2	9 38.64	+17 25.6	1.996	2.817	13.1	19.8
1 12	9 33.23	+18 11.7	1.908	2.809	9.8	19.6
1 22	9 25.50	+19 6.4	1.845	2.801	5.9	19.3
2 1	9 16.10	+20 4.2	1.810	2.792	2.0	19.1
2 11	9 6.04	+20 58.7	1.804	2.782	3.4	19.1
2 21	8 56.44	+21 44.4	1.828	2.772	7.5	19.4
3 2	8 48.38	+22 17.8	1.879	2.761	11.4	19.6
3 12	8 42.66	+22 37.6	1.953	2.750	14.7	19.8
274420 2008 SP_{13}			2 5.2 126°32		1°3/ 6.2 18	
1 2	9 34.92	+ 9 42.7	2.091	2.895	13.2	21.1
1 12	9 30.19	+10 10.2	2.012	2.900	10.0	20.9
1 22	9 23.49	+10 50.7	1.957	2.904	6.4	20.7
2 1	9 15.46	+11 40.9	1.930	2.909	2.5	20.4
2 11	9 6.98	+12 36.1	1.932	2.914	2.4	20.4
2 21	8 59.00	+13 31.0	1.964	2.918	6.2	20.7
3 2	8 52.39	+14 21.0	2.023	2.922	9.8	20.9
3 12	8 47.81	+15 2.9	2.106	2.926	13.0	21.1
282515 2004 RY_{46}			2 5.2 169°35		2°1/ 6.6 18	
1 2	9 38.51	+ 8 1.0	1.782	2.583	15.3	21.1
1 12	9 33.19	+ 8 26.1	1.702	2.586	11.7	20.8
1 22	9 25.47	+ 9 7.9	1.645	2.589	7.6	20.6
2 1	9 16.08	+10 3.2	1.614	2.592	3.4	20.3
2 11	9 6.10	+11 6.3	1.613	2.594	3.0	20.3
2 21	8 56.69	+12 10.7	1.640	2.595	7.1	20.6
3 2	8 48.96	+13 10.6	1.695	2.596	11.3	20.8
3 12	8 43.68	+14 1.3	1.772	2.596	14.9	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
285820 2001 BY_{56}			2 5.2 39°40		1°0/ 4.6 18	
	h m	° ′			°	m
1 2	9 36.68	+15 16.1	1.307	2.151	17.4	20.0
1 12	9 32.41	+16 1.9	1.250	2.162	12.9	19.7
1 22	9 25.20	+17 1.3	1.214	2.173	7.7	19.5
2 1	9 16.01	+18 6.8	1.203	2.186	2.3	19.2
2 11	9 6.27	+19 9.4	1.218	2.199	3.8	19.3
2 21	8 57.49	+20 1.5	1.259	2.212	9.0	19.6
3 2	8 50.98	+20 38.2	1.324	2.226	13.7	19.9
3 12	8 47.54	+20 58.1	1.409	2.240	17.6	20.2
280750 2005 PD_{14}			2 5.2 246°80		1°3/ 4.4 18	
1 2	9 40.72	+16 47.1	1.496	2.328	16.2	21.4
1 12	9 35.49	+17 22.0	1.412	2.318	12.1	21.1
1 22	9 27.22	+18 8.2	1.349	2.307	7.4	20.8
2 1	9 16.68	+18 59.5	1.313	2.295	2.3	20.5
2 11	9 5.21	+19 48.1	1.304	2.284	3.9	20.5
2 21	8 54.36	+20 27.2	1.322	2.272	9.1	20.8
3 2	8 45.60	+20 52.3	1.366	2.259	14.0	21.0
3 12	8 39.93	+21 2.3	1.429	2.247	18.1	21.3
102721 1999 VZ_{98}			2 5.2 231°27		3°4/ 7.4 18	
1 2	9 37.17	+ 5 37.8	1.841	2.634	15.2	20.0
1 12	9 32.21	+ 5 37.7	1.751	2.627	11.9	19.7
1 22	9 24.92	+ 5 54.4	1.683	2.620	8.2	19.5
2 1	9 15.94	+ 6 26.8	1.641	2.612	4.5	19.3
2 11	9 6.29	+ 7 11.2	1.627	2.605	3.8	19.2
2 21	8 57.10	+ 8 2.3	1.642	2.596	7.2	19.4
3 2	8 49.45	+ 8 54.5	1.684	2.588	11.2	19.6
3 12	8 44.15	+ 9 42.7	1.749	2.579	14.8	19.8
129377 6716 $P–L$			2 5.2 57°90		5°7/ 1.5 18	
1 2	9 41.01	+30 41.4	1.876	2.709	13.3	19.4
1 12	9 35.04	+31 29.7	1.817	2.717	10.2	19.2
1 22	9 26.54	+32 13.4	1.782	2.726	7.3	19.1
2 1	9 16.37	+32 45.0	1.774	2.734	5.7	19.0
2 11	9 5.81	+32 58.5	1.794	2.743	7.0	19.1
2 21	8 56.14	+32 51.6	1.841	2.751	9.8	19.3
3 2	8 48.47	+32 25.2	1.912	2.760	12.8	19.5
3 12	8 43.49	+31 42.6	2.005	2.769	15.5	19.7
260110 2004 PL_{5}			2 5.2 198°52		2°5/ 6.7 18	
1 2	9 39.41	+ 8 59.8	2.146	2.938	13.3	20.7
1 12	9 33.49	+ 8 38.1	2.058	2.936	10.3	20.5
1 22	9 25.50	+ 8 26.6	1.993	2.934	6.9	20.2
2 1	9 16.08	+ 8 24.5	1.957	2.931	3.5	20.0
2 11	9 6.16	+ 8 29.5	1.950	2.928	3.1	20.0
2 21	8 56.73	+ 8 38.8	1.973	2.925	6.4	20.2
3 2	8 48.72	+ 8 49.4	2.025	2.922	9.9	20.4
3 12	8 42.82	+ 8 58.6	2.100	2.918	13.1	20.6
491148 2011 SV_{184}			2 5.2 112°21		1°7/ 4.1 18	
1 2	9 40.88	+17 44.6	1.728	2.553	14.6	21.7
1 12	9 34.91	+18 33.0	1.667	2.570	10.8	21.5
1 22	9 26.46	+19 29.2	1.630	2.586	6.5	21.3
2 1	9 16.37	+20 26.7	1.621	2.603	2.2	21.1
2 11	9 5.85	+21 18.4	1.640	2.618	3.7	21.2
2 21	8 56.17	+21 58.9	1.689	2.633	8.0	21.5
3 2	8 48.41	+22 25.4	1.764	2.648	11.9	21.8
3 12	8 43.29	+22 37.5	1.861	2.662	15.2	22.0
8132 Vitginzburg			2 5.2 270°69		6°9/30.5 18	R
1 2	9 38.79	+31 10.6	1.847	2.684	13.3	16.3
1 12	9 33.84	+32 46.3	1.772	2.673	10.4	16.1
1 22	9 26.12	+34 20.7	1.723	2.663	7.8	16.0
2 1	9 16.36	+35 43.7	1.701	2.652	6.9	15.9
2 11	9 5.78	+36 46.1	1.706	2.641	8.5	16.0
2 21	8 55.79	+37 22.6	1.737	2.630	11.4	16.1
3 2	8 47.70	+37 32.2	1.792	2.619	14.5	16.3
3 12	8 42.44	+37 17.8	1.866	2.608	17.2	16.4
116993 2004 HZ_{45}			2 5.2 180°39		7°3/13.3 18	
1 2	9 33.69	−15 15.9	3.402	4.035	11.6	20.4
1 12	9 28.67	−15 56.9	3.307	4.036	10.4	20.3
1 22	9 22.34	−16 20.9	3.233	4.037	9.0	20.2
2 1	9 15.12	−16 26.2	3.184	4.037	7.9	20.1
2 11	9 7.56	−16 12.5	3.161	4.037	7.3	20.1
2 21	9 0.24	−15 41.4	3.165	4.036	7.5	20.1
3 2	8 53.73	−14 55.9	3.197	4.035	8.5	20.1
3 12	8 48.50	−14 0.3	3.253	4.033	9.8	20.2
204331 2004 RU_{186}			2 5.2 111°03		3°0/ 7.1 18	
1 2	9 40.15	+ 6 46.6	1.669	2.467	16.3	20.7
1 12	9 34.36	+ 6 49.4	1.602	2.483	12.6	20.4
1 22	9 26.14	+ 7 9.2	1.558	2.499	8.4	20.2
2 1	9 16.29	+ 7 43.7	1.539	2.514	4.3	20.0
2 11	9 5.99	+ 8 28.1	1.549	2.528	3.6	20.0
2 21	8 56.47	+ 9 16.7	1.588	2.543	7.3	20.3
3 2	8 48.81	+10 3.7	1.653	2.556	11.4	20.5
3 12	8 43.72	+10 44.7	1.741	2.569	14.9	20.8

499051 2009 DF_{91} 2 5.2 274°.10 0°.8/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.32	+18 7.3	2.362	3.180	11.4	21.6
1 12	9 31.08	+18 19.5	2.278	3.178	8.5	21.4
1 22	9 23.98	+18 36.3	2.220	3.175	5.1	21.2
2 1	9 15.64	+18 54.4	2.191	3.173	1.6	20.9
2 11	9 6.88	+19 10.0	2.191	3.171	2.6	21.0
2 21	8 58.60	+19 20.2	2.221	3.168	6.1	21.2
3 2	8 51.63	+19 23.2	2.280	3.166	9.5	21.4
3 12	8 46.56	+19 18.2	2.362	3.164	12.3	21.6

85355 1995 VN_{17} 2 5.2 113°.58 1°.7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.36	+19 18.1	2.255	3.074	11.9	20.4
1 12	9 32.55	+19 58.3	2.192	3.092	8.7	20.2
1 22	9 24.82	+20 43.0	2.154	3.109	5.2	20.1
2 1	9 15.87	+21 27.2	2.145	3.126	2.0	19.9
2 11	9 6.60	+22 6.0	2.167	3.143	3.2	20.0
2 21	8 57.96	+22 35.8	2.219	3.159	6.6	20.2
3 2	8 50.77	+22 54.5	2.298	3.175	9.8	20.5
3 12	8 45.63	+23 1.8	2.401	3.190	12.5	20.7

84221 2002 RN_{201} 2 5.2 49°.33 0°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.93	+13 45.9	1.353	2.189	17.3	18.9
1 12	9 33.08	+14 24.6	1.305	2.212	12.8	18.7
1 22	9 25.47	+15 17.0	1.278	2.235	7.7	18.4
2 1	9 16.09	+16 16.4	1.276	2.259	2.2	18.2
2 11	9 6.36	+17 14.5	1.301	2.283	3.2	18.3
2 21	8 57.68	+18 4.5	1.353	2.308	8.4	18.7
3 2	8 51.23	+18 41.7	1.430	2.333	12.8	19.0
3 12	8 47.69	+19 4.4	1.527	2.358	16.5	19.3

350250 2012 TR_{99} 2 5.2 109°.77 1°.9/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.11	+ 8 13.1	2.579	3.369	11.4	21.7
1 12	9 29.20	+ 8 22.7	2.503	3.381	8.7	21.5
1 22	9 22.73	+ 8 43.0	2.452	3.393	5.7	21.4
2 1	9 15.25	+ 9 11.9	2.429	3.405	2.8	21.2
2 11	9 7.46	+ 9 46.3	2.437	3.416	2.4	21.2
2 21	9 0.12	+10 22.9	2.474	3.427	5.2	21.4
3 2	8 53.89	+10 58.1	2.541	3.439	8.1	21.6
3 12	8 49.29	+11 29.3	2.632	3.450	10.8	21.8

114826 2003 OX_{17} 2 5.2 83°.01 1°.9/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.39	+18 9.9	1.563	2.394	15.6	19.6
1 12	9 35.41	+18 56.8	1.511	2.417	11.5	19.4
1 22	9 26.79	+19 51.3	1.483	2.440	6.9	19.2
2 1	9 16.49	+20 46.2	1.481	2.463	2.4	19.0
2 11	9 5.84	+21 34.0	1.508	2.485	4.0	19.1
2 21	8 56.20	+22 9.4	1.562	2.507	8.4	19.4
3 2	8 48.69	+22 30.0	1.642	2.529	12.5	19.7
3 12	8 44.00	+22 36.0	1.744	2.550	15.8	20.0

193895 2001 QJ_{226} 2 5.2 90°.53 2°.6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.59	+ 8 43.6	1.489	2.299	17.3	20.0
1 12	9 35.63	+ 8 41.8	1.430	2.318	13.3	19.8
1 22	9 26.98	+ 8 56.4	1.391	2.337	8.6	19.6
2 1	9 16.57	+ 9 24.6	1.379	2.356	4.0	19.3
2 11	9 5.74	+10 1.2	1.394	2.374	3.5	19.3
2 21	8 55.86	+10 40.3	1.437	2.392	7.8	19.6
3 2	8 48.11	+11 16.7	1.505	2.410	12.2	19.9
3 12	8 43.22	+11 46.3	1.596	2.427	15.9	20.2

151020 2001 UU_{120} 2 5.2 172°.54 2°.2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.12	+20 1.0	1.985	2.812	12.9	20.5
1 12	9 32.78	+20 45.5	1.909	2.813	9.6	20.3
1 22	9 25.20	+21 35.6	1.858	2.814	5.8	20.1
2 1	9 16.06	+22 25.5	1.835	2.815	2.5	19.8
2 11	9 6.40	+23 9.0	1.841	2.816	3.9	19.9
2 21	8 57.33	+23 41.6	1.876	2.816	7.7	20.2
3 2	8 49.87	+24 0.8	1.938	2.816	11.3	20.4
3 12	8 44.73	+24 6.2	2.022	2.816	14.4	20.6

169721 2002 NL_{10} 2 5.2 90°.51 0°.1/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.95	+13 6.7	1.852	2.662	14.4	20.4
1 12	9 34.64	+13 42.1	1.799	2.693	10.7	20.2
1 22	9 26.14	+14 28.0	1.771	2.723	6.5	20.0
2 1	9 16.29	+15 19.3	1.770	2.753	2.0	19.8
2 11	9 6.19	+16 10.2	1.800	2.781	2.6	19.9
2 21	8 56.94	+16 55.5	1.859	2.809	6.8	20.2
3 2	8 49.47	+17 31.7	1.945	2.837	10.6	20.5
3 12	8 44.40	+17 57.1	2.055	2.864	13.7	20.7

155362 3127 $T\text{-}_3$ 2 5.2 145°.72 3°.3/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.68	+22 4.3	1.695	2.525	14.6	20.4
1 12	9 36.47	+22 56.4	1.629	2.534	10.9	20.2
1 22	9 27.55	+23 52.8	1.586	2.542	6.7	19.9
2 1	9 16.78	+24 45.7	1.571	2.549	3.4	19.7
2 11	9 5.47	+25 27.8	1.585	2.556	5.0	19.9
2 21	8 54.99	+25 54.1	1.627	2.562	9.0	20.1
3 2	8 46.56	+26 2.9	1.695	2.568	12.9	20.4
3 12	8 40.97	+25 55.6	1.783	2.573	16.2	20.6

227339 2005 UL_{27} 2 5.2 49°.70 0°.8/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.76	+12 20.7	1.658	2.480	15.3	20.3
1 12	9 31.95	+12 36.4	1.592	2.491	11.5	20.1
1 22	9 24.74	+13 4.5	1.548	2.501	7.1	19.9
2 1	9 15.93	+13 41.2	1.531	2.512	2.4	19.6
2 11	9 6.66	+14 21.0	1.541	2.523	2.7	19.6
2 21	8 58.13	+14 58.4	1.579	2.535	7.3	19.9
3 2	8 51.41	+15 29.2	1.643	2.546	11.5	20.2
3 12	8 47.20	+15 50.8	1.730	2.558	15.0	20.5

52916 1998 SG_{105} 2 5.2 15°.29 1°.6/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.40	+ 8 44.5	1.374	2.198	17.8	18.7
1 12	9 32.27	+ 9 23.0	1.300	2.198	13.6	18.5
1 22	9 25.25	+10 23.0	1.247	2.199	8.7	18.2
2 1	9 16.15	+11 39.9	1.219	2.199	3.4	17.9
2 11	9 6.29	+13 5.3	1.217	2.200	3.2	17.9
2 21	8 57.13	+14 29.6	1.243	2.201	8.5	18.2
3 2	8 50.03	+15 44.5	1.292	2.202	13.4	18.4
3 12	8 45.93	+16 44.5	1.363	2.203	17.6	18.7

375436 2008 TW_{58} 2 5.2 78°.91 4°.4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.08	+ 0 57.8	2.089	2.859	14.4	20.9
1 12	9 29.52	+ 1 2.3	2.015	2.872	11.5	20.7
1 22	9 23.09	+ 1 25.3	1.963	2.885	8.3	20.5
2 1	9 15.42	+ 2 5.8	1.938	2.897	5.4	20.4
2 11	9 7.36	+ 3 0.1	1.941	2.910	4.5	20.4
2 21	8 59.83	+ 4 3.3	1.973	2.923	6.5	20.5
3 2	8 53.65	+ 5 9.6	2.032	2.936	9.6	20.7
3 12	8 49.42	+ 6 13.4	2.116	2.948	12.5	20.9

434647 2005 XW_{97} 2 5.2 50°.27 3°.1/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.08	+ 4 2.1	2.429	3.208	12.3	21.4
1 12	9 27.84	+ 4 7.5	2.350	3.216	9.7	21.2
1 22	9 21.99	+ 4 27.0	2.294	3.224	6.8	21.1
2 1	9 15.08	+ 4 59.1	2.265	3.232	4.0	20.9
2 11	9 7.83	+ 5 40.9	2.266	3.240	3.3	20.9
2 21	9 1.00	+ 6 28.6	2.296	3.248	5.6	21.0
3 2	8 55.28	+ 7 17.8	2.354	3.256	8.5	21.2
3 12	8 51.23	+ 8 4.5	2.437	3.265	11.2	21.4

29431 Shijimi 2 5.2 265°.86 5°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.43	+25 10.5	1.521	2.362	15.4	18.1
1 12	9 36.26	+26 19.8	1.437	2.346	11.7	17.9
1 22	9 27.86	+27 33.9	1.376	2.330	7.8	17.6
2 1	9 17.00	+28 42.7	1.341	2.313	5.2	17.4
2 11	9 5.08	+29 36.0	1.334	2.296	7.1	17.5
2 21	8 53.78	+30 6.7	1.352	2.279	11.3	17.6
3 2	8 44.69	+30 12.8	1.394	2.261	15.5	17.8
3 12	8 38.88	+29 56.3	1.456	2.244	19.3	18.0

108878 2001 OX_{105} 2 5.2 220°.50 0°.7/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.58	+13 44.6	2.131	2.935	13.0	20.1
1 12	9 34.49	+13 41.8	2.037	2.927	9.8	19.9
1 22	9 26.21	+13 46.6	1.969	2.919	6.1	19.7
2 1	9 16.39	+13 56.7	1.928	2.910	2.1	19.4
2 11	9 5.99	+14 8.7	1.918	2.900	2.4	19.4
2 21	8 56.06	+14 19.2	1.939	2.890	6.5	19.6
3 2	8 47.59	+14 25.9	1.987	2.880	10.3	19.8
3 12	8 41.33	+14 26.9	2.059	2.869	13.6	20.0

398702 2012 XN_{31} 2 5.2 35°.04 3°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.56	+19 59.9	1.142	2.000	18.3	20.2
1 12	9 33.58	+21 16.9	1.089	2.008	13.5	20.0
1 22	9 26.20	+22 44.3	1.056	2.018	8.3	19.7
2 1	9 16.44	+24 10.7	1.048	2.027	4.1	19.5
2 11	9 6.00	+25 23.7	1.064	2.038	6.3	19.7
2 21	8 56.69	+26 14.9	1.105	2.049	11.3	20.0
3 2	8 50.02	+26 41.0	1.168	2.060	16.0	20.3
3 12	8 46.88	+26 43.5	1.249	2.072	19.9	20.6

350980 2003 FW_{50} 2 5.2 7°.48 2°.8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.12	+ 9 46.3	1.198	2.033	19.2	20.5
1 12	9 33.07	+ 9 33.8	1.130	2.033	14.8	20.2
1 22	9 25.85	+ 9 39.7	1.082	2.034	9.6	19.9
2 1	9 16.35	+10 1.6	1.057	2.035	4.3	19.6
2 11	9 6.08	+10 34.2	1.056	2.038	3.9	19.6
2 21	8 56.71	+11 10.7	1.081	2.041	9.1	19.9
3 2	8 49.70	+11 44.6	1.128	2.045	14.2	20.2
3 12	8 46.00	+12 10.9	1.195	2.050	18.7	20.5

250993 2006 KH_{122} 2 5.2 261°.08 1°.1/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.46	+15 53.3	1.810	2.632	14.2	21.0
1 12	9 33.50	+16 42.4	1.710	2.612	10.7	20.7
1 22	9 25.94	+17 43.6	1.634	2.591	6.5	20.4
2 1	9 16.39	+18 51.5	1.586	2.569	2.0	20.1
2 11	9 5.92	+19 58.7	1.567	2.547	3.5	20.1
2 21	8 55.78	+20 58.1	1.577	2.524	8.2	20.4
3 2	8 47.24	+21 44.7	1.613	2.500	12.6	20.6
3 12	8 41.26	+22 16.0	1.671	2.476	16.4	20.8

184164 2004 LX_6 2 5.2 225°.79 0°.1/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.78	+14 43.4	2.196	3.007	12.4	21.1
1 12	9 32.40	+15 6.9	2.103	2.997	9.3	20.9
1 22	9 24.95	+15 39.0	2.035	2.988	5.7	20.7
2 1	9 16.02	+16 16.1	1.995	2.978	1.7	20.4
2 11	9 6.52	+16 53.6	1.986	2.967	2.4	20.4
2 21	8 57.43	+17 27.3	2.006	2.956	6.5	20.7
3 2	8 49.69	+17 53.7	2.055	2.945	10.2	20.9
3 12	8 44.03	+18 11.2	2.127	2.933	13.4	21.1

75328 1999 XZ_{52} 2 5.2 3°.74 3°.5/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.59	+ 7 40.6	1.432	2.250	17.5	19.4
1 12	9 32.25	+ 7 24.4	1.358	2.249	13.6	19.1
1 22	9 25.16	+ 7 25.8	1.304	2.249	9.2	18.9
2 1	9 16.12	+ 7 43.5	1.275	2.250	4.8	18.6
2 11	9 6.41	+ 8 13.5	1.272	2.251	4.1	18.6
2 21	8 57.41	+ 8 50.2	1.295	2.253	8.2	18.8
3 2	8 50.39	+ 9 27.6	1.342	2.255	12.8	19.1
3 12	8 46.23	+10 0.3	1.411	2.257	16.8	19.3

412988 1998 AP_1 2 5.2 69°.64 2°.4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.21	+18 19.8	1.696	2.530	14.5	20.8
1 12	9 32.28	+19 32.8	1.640	2.548	10.6	20.6
1 22	9 24.94	+20 54.0	1.609	2.567	6.4	20.4
2 1	9 16.00	+22 15.5	1.605	2.586	2.6	20.2
2 11	9 6.65	+23 28.9	1.630	2.604	4.3	20.3
2 21	8 58.09	+24 28.0	1.683	2.623	8.3	20.6
3 2	8 51.37	+25 9.5	1.761	2.642	12.1	20.9
3 12	8 47.19	+25 33.0	1.861	2.660	15.2	21.1

168964 2001 BF_{36} 2 5.2 353°.52 1°.7/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.81	+17 24.4	1.272	2.122	17.3	18.9
1 12	9 32.10	+18 0.0	1.202	2.118	12.9	18.6
1 22	9 25.27	+18 47.3	1.154	2.114	7.8	18.3
2 1	9 16.19	+19 39.2	1.129	2.112	2.6	18.0
2 11	9 6.33	+20 27.1	1.130	2.110	4.3	18.1
2 21	8 57.30	+21 3.7	1.156	2.109	9.7	18.4
3 2	8 50.57	+21 24.6	1.205	2.109	14.7	18.6
3 12	8 47.07	+21 28.7	1.274	2.110	18.8	18.9

499733 2011 BE_{29} 2 5.2 260°.67 1°.9/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.99	+19 46.3	1.961	2.788	13.1	22.1
1 12	9 32.81	+20 18.1	1.875	2.779	9.7	21.8
1 22	9 25.30	+20 55.6	1.814	2.771	5.9	21.6
2 1	9 16.15	+21 33.4	1.781	2.762	2.3	21.3
2 11	9 6.38	+22 5.9	1.777	2.753	3.7	21.4
2 21	8 57.15	+22 28.8	1.801	2.744	7.7	21.6
3 2	8 49.49	+22 39.6	1.852	2.735	11.5	21.8
3 12	8 44.20	+22 37.8	1.925	2.726	14.8	22.0

236262 2005 YQ_{153} 2 5.2 27°.34 2°.0/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.44	+17 42.0	1.077	1.935	19.1	20.2
1 12	9 33.52	+18 18.4	1.025	1.945	14.2	19.9
1 22	9 26.15	+19 6.5	0.993	1.955	8.5	19.6
2 1	9 16.43	+19 57.9	0.984	1.967	2.8	19.3
2 11	9 6.12	+20 42.8	0.999	1.979	4.7	19.5
2 21	8 57.02	+21 14.0	1.038	1.992	10.3	19.8
3 2	8 50.64	+21 27.9	1.099	2.007	15.4	20.2
3 12	8 47.79	+21 24.4	1.179	2.022	19.6	20.5

421973 2014 QY_{296} 2 5.2 186°.39 2°.0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.90	+ 7 38.0	2.005	2.799	14.1	21.9
1 12	9 32.58	+ 8 5.6	1.919	2.799	10.9	21.7
1 22	9 25.10	+ 8 48.8	1.856	2.798	7.1	21.5
2 1	9 16.09	+ 9 44.7	1.820	2.797	3.2	21.3
2 11	9 6.50	+10 48.2	1.815	2.795	2.8	21.2
2 21	8 57.38	+11 53.4	1.839	2.793	6.6	21.5
3 2	8 49.72	+12 54.9	1.891	2.789	10.4	21.7
3 12	8 44.25	+13 48.3	1.967	2.785	13.8	21.9

419700 2010 UY_{58} 2 5.2 145°.50 3°.8/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.63	+ 3 55.0	2.067	2.845	14.3	21.3
1 12	9 32.21	+ 3 46.5	1.987	2.852	11.3	21.1
1 22	9 24.78	+ 3 53.7	1.930	2.859	7.9	20.9
2 1	9 15.97	+ 4 15.7	1.900	2.866	4.8	20.7
2 11	9 6.70	+ 4 49.7	1.899	2.872	4.0	20.7
2 21	8 57.96	+ 5 31.4	1.927	2.877	6.6	20.8
3 2	8 50.64	+ 6 15.9	1.983	2.883	9.9	21.0
3 12	8 45.42	+ 6 58.8	2.063	2.888	13.0	21.2

57984 2002 PG_{124} 2 5.2 212°.13 0°.5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.05	+12 33.7	2.365	3.171	11.8	20.5
1 12	9 30.19	+12 57.7	2.276	3.168	8.9	20.3
1 22	9 23.52	+13 31.1	2.213	3.164	5.5	20.1
2 1	9 15.59	+14 11.0	2.178	3.160	1.8	19.8
2 11	9 7.20	+14 53.2	2.173	3.155	2.1	19.8
2 21	8 59.21	+15 33.6	2.198	3.151	5.8	20.1
3 2	8 52.42	+16 8.6	2.252	3.146	9.2	20.3
3 12	8 47.47	+16 36.0	2.330	3.141	12.2	20.5

225712 2001 RN_1 2 5.2 215°.61 2°.2/ 3.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.54	+21 30.1	2.410	3.225	11.3	22.2
1 12	9 34.33	+22 3.0	2.317	3.215	8.4	21.9
1 22	9 26.07	+22 39.0	2.251	3.205	5.2	21.7
2 1	9 16.37	+23 13.5	2.215	3.194	2.4	21.5
2 11	9 6.12	+23 41.6	2.209	3.182	3.6	21.6
2 21	8 56.29	+23 59.9	2.234	3.169	6.9	21.8
3 2	8 47.82	+24 6.6	2.287	3.156	10.2	21.9
3 12	8 41.40	+24 1.7	2.364	3.142	13.0	22.1

55647 2676 P–L 2 5.2 70°.62 0°.0/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.24	+14 9.7	1.655	2.479	15.2	19.5
1 12	9 33.06	+14 32.8	1.590	2.491	11.4	19.3
1 22	9 25.43	+15 7.0	1.549	2.504	6.9	19.1
2 1	9 16.17	+15 47.3	1.534	2.516	2.1	18.8
2 11	9 6.46	+16 28.0	1.547	2.529	2.8	18.9
2 21	8 57.54	+17 3.6	1.588	2.542	7.5	19.2
3 2	8 50.48	+17 30.4	1.656	2.554	11.7	19.4
3 12	8 46.00	+17 46.5	1.745	2.567	15.2	19.7

39727 1996 VD_{39} 2 5.2 273°.53 0°.0/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.76	+14 25.2	1.658	2.482	15.2	19.7
1 12	9 33.84	+14 43.5	1.564	2.465	11.5	19.4
1 22	9 26.19	+15 13.3	1.493	2.448	7.1	19.1
2 1	9 16.50	+15 50.7	1.449	2.431	2.2	18.8
2 11	9 5.92	+16 29.7	1.432	2.414	3.0	18.8
2 21	8 55.80	+17 4.6	1.444	2.397	8.1	19.1
3 2	8 47.46	+17 31.0	1.481	2.379	12.8	19.3
3 12	8 41.86	+17 46.3	1.539	2.362	16.8	19.5

225014 2007 ET_{188} 2 5.2 122°.31 2°.6/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.56	+ 6 34.7	1.987	2.782	14.2	20.9
1 12	9 30.79	+ 6 48.1	1.908	2.787	11.0	20.7
1 22	9 23.97	+ 7 17.0	1.852	2.792	7.3	20.5
2 1	9 15.74	+ 7 59.2	1.822	2.796	3.7	20.3
2 11	9 7.04	+ 8 50.3	1.822	2.801	3.1	20.3
2 21	8 58.87	+ 9 45.2	1.851	2.806	6.4	20.5
3 2	8 52.12	+10 38.6	1.907	2.810	10.1	20.7
3 12	8 47.49	+11 26.2	1.987	2.814	13.3	20.9

63477 2001 OG_{38} 2 5.2 2°.98 4°.7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.77	+28 9.1	1.957	2.791	12.8	18.9
1 12	9 33.38	+28 48.1	1.887	2.791	9.7	18.7
1 22	9 25.61	+29 25.1	1.842	2.791	6.6	18.6
2 1	9 16.24	+29 53.5	1.823	2.791	4.7	18.4
2 11	9 6.41	+30 7.6	1.834	2.792	6.0	18.5
2 21	8 57.30	+30 4.7	1.871	2.793	9.0	18.7
3 2	8 49.96	+29 44.6	1.934	2.794	12.2	18.9
3 12	8 45.12	+29 9.5	2.019	2.796	15.0	19.1

462945 2011 CS_{10} 2 5.2 77°.95 1°.8/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.19	+16 46.0	1.838	2.664	13.8	20.8
1 12	9 32.08	+18 1.3	1.783	2.687	10.1	20.7
1 22	9 24.75	+19 25.4	1.752	2.709	6.0	20.5
2 1	9 15.97	+20 51.2	1.750	2.732	2.2	20.2
2 11	9 6.81	+22 10.7	1.777	2.754	3.7	20.4
2 21	8 58.39	+23 17.6	1.834	2.776	7.6	20.7
3 2	8 51.66	+24 8.3	1.917	2.797	11.3	20.9
3 12	8 47.28	+24 42.1	2.022	2.819	14.3	21.2

106626 2000 WE_{126} 2 5.2 96°.34 1°.6/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.06	+18 1.3	1.653	2.479	15.1	20.2
1 12	9 35.85	+18 39.2	1.597	2.500	11.2	20.0
1 22	9 27.08	+19 24.3	1.564	2.521	6.7	19.8
2 1	9 16.67	+20 10.2	1.559	2.541	2.3	19.5
2 11	9 5.90	+20 50.3	1.582	2.561	3.7	19.7
2 21	8 56.06	+21 19.6	1.634	2.580	8.0	20.0
3 2	8 48.27	+21 35.9	1.712	2.599	12.0	20.3
3 12	8 43.21	+21 39.2	1.812	2.617	15.4	20.5

55547 2001 XA_{49} 2 5.2 280°.61 5°.5/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.56	+31 16.6	2.344	3.174	11.1	19.3
1 12	9 31.59	+32 26.4	2.271	3.168	8.6	19.2
1 22	9 24.50	+33 33.6	2.223	3.162	6.4	19.0
2 1	9 15.93	+34 31.3	2.203	3.155	5.5	19.0
2 11	9 6.83	+35 13.4	2.212	3.149	6.7	19.0
2 21	8 58.23	+35 36.5	2.248	3.143	9.1	19.2
3 2	8 51.09	+35 39.9	2.309	3.137	11.6	19.3
3 12	8 46.11	+35 25.3	2.392	3.130	14.0	19.5

71031 1999 XE_{68} 2 5.2 52°.66 0°.0/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.24	+13 45.6	1.966	2.785	13.4	19.3
1 12	9 30.62	+14 16.7	1.890	2.789	10.0	19.1
1 22	9 23.91	+14 58.3	1.838	2.792	6.1	18.8
2 1	9 15.75	+15 46.2	1.813	2.796	1.8	18.5
2 11	9 7.12	+16 35.0	1.817	2.799	2.5	18.6
2 21	8 59.04	+17 19.6	1.850	2.803	6.7	18.9
3 2	8 52.44	+17 56.1	1.910	2.807	10.5	19.1
3 12	8 48.01	+18 22.1	1.994	2.810	13.7	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
38393 1999 RD_{191}			2 5.2 238°.29		1°.3/ 6.0 18	
	h m	° ′			°	m
1 2	9 38.91	+12 15.5	2.145	2.948	13.0	19.9
1 12	9 33.24	+12 6.1	2.053	2.941	9.9	19.6
1 22	9 25.47	+12 5.4	1.984	2.932	6.3	19.4
2 1	9 16.23	+12 11.1	1.944	2.924	2.5	19.1
2 11	9 6.44	+12 20.5	1.934	2.916	2.5	19.1
2 21	8 57.11	+12 30.5	1.954	2.907	6.3	19.4
3 2	8 49.17	+12 38.4	2.001	2.898	10.1	19.6
3 12	8 43.36	+12 42.1	2.073	2.888	13.3	19.8
23034 1999 XJ_{15}			2 5.2 182°.60		0°.8/ 4.6 18	
1 2	9 39.89	+16 41.2	2.125	2.938	12.7	19.4
1 12	9 33.97	+17 12.4	2.042	2.939	9.4	19.2
1 22	9 25.91	+17 50.9	1.985	2.939	5.7	19.0
2 1	9 16.36	+18 32.2	1.957	2.939	1.7	18.7
2 11	9 6.29	+19 11.1	1.958	2.938	2.8	18.8
2 21	8 56.75	+19 43.4	1.990	2.936	6.8	19.0
3 2	8 48.70	+20 6.1	2.050	2.934	10.5	19.3
3 12	8 42.86	+20 18.2	2.133	2.931	13.6	19.5
330716 2008 PS_{20}			2 5.2 88°.15		1°.0/ 4.3 18	
1 2	9 35.45	+14 43.0	2.051	2.870	12.9	20.3
1 12	9 30.65	+15 56.1	1.986	2.886	9.5	20.1
1 22	9 23.86	+17 19.6	1.946	2.902	5.6	19.9
2 1	9 15.72	+18 47.3	1.936	2.918	1.7	19.7
2 11	9 7.18	+20 12.0	1.955	2.934	3.0	19.8
2 21	8 59.22	+21 27.4	2.005	2.950	6.8	20.1
3 2	8 52.70	+22 29.2	2.082	2.965	10.4	20.3
3 12	8 48.28	+23 15.6	2.182	2.981	13.3	20.5
145631 2215 P–L			2 5.2 65°.32		2°.0/ 6.8 18	
1 2	9 34.83	+ 8 39.5	2.214	3.011	12.8	20.1
1 12	9 29.96	+ 8 45.9	2.146	3.028	9.8	19.9
1 22	9 23.32	+ 9 3.9	2.102	3.045	6.4	19.7
2 1	9 15.54	+ 9 31.5	2.086	3.062	3.0	19.5
2 11	9 7.46	+10 5.0	2.099	3.079	2.6	19.5
2 21	8 59.93	+10 40.5	2.142	3.097	5.7	19.8
3 2	8 53.72	+11 14.3	2.212	3.114	9.0	20.0
3 12	8 49.38	+11 43.3	2.307	3.131	11.9	20.2
335817 2007 JU_{17}			2 5.2 242°.14		0°.6/ 5.8 17	
1 2	9 34.88	+10 56.1	2.429	3.230	11.7	21.5
1 12	9 30.15	+11 38.5	2.327	3.215	8.9	21.3
1 22	9 23.58	+12 33.0	2.250	3.200	5.6	21.0
2 1	9 15.67	+13 36.2	2.203	3.184	1.9	20.8
2 11	9 7.19	+14 43.4	2.185	3.167	2.1	20.7
2 21	8 58.98	+15 49.4	2.199	3.151	5.8	21.0
3 2	8 51.88	+16 49.5	2.241	3.133	9.3	21.2
3 12	8 46.56	+17 40.5	2.308	3.116	12.4	21.3
32187 2000 NR_{23}			2 5.2 66°.73		0°.6/ 5.6 18	
1 2	9 37.82	+12 35.0	1.709	2.528	15.0	18.6
1 12	9 32.63	+12 55.8	1.648	2.546	11.3	18.4
1 22	9 25.13	+13 28.5	1.610	2.563	6.9	18.2
2 1	9 16.11	+14 8.7	1.599	2.581	2.3	17.9
2 11	9 6.72	+14 51.0	1.617	2.599	2.6	18.0
2 21	8 58.12	+15 30.0	1.663	2.617	7.1	18.3
3 2	8 51.30	+16 1.6	1.735	2.635	11.1	18.6
3 12	8 46.95	+16 23.7	1.829	2.653	14.5	18.8
3511 Tsvetaeva			2 5.2 19°.44		6°.6/ 9.2 18 R	
1 2	9 33.65	+ 0 27.0	1.420	2.216	18.7	15.5
1 12	9 29.98	− 0 8.4	1.354	2.224	15.2	15.3
1 22	9 23.74	− 0 19.6	1.308	2.232	11.4	15.1
2 1	9 15.74	− 0 5.4	1.285	2.242	7.9	15.0
2 11	9 7.20	+ 0 31.2	1.287	2.253	6.7	14.9
2 21	8 59.40	+ 1 24.4	1.314	2.265	8.9	15.1
3 2	8 53.50	+ 2 26.1	1.365	2.278	12.5	15.3
3 12	8 50.27	+ 3 28.3	1.437	2.292	16.1	15.6
351697 2006 BT_{134}			2 5.2 7°.08		1°.4/ 4.4 18	
1 2	9 36.12	+15 42.9	1.222	2.071	17.9	20.9
1 12	9 32.41	+16 30.5	1.156	2.071	13.4	20.7
1 22	9 25.51	+17 33.0	1.111	2.071	8.1	20.4
2 1	9 16.33	+18 42.9	1.090	2.073	2.5	20.0
2 11	9 6.37	+19 50.1	1.094	2.075	4.2	20.2
2 21	8 57.29	+20 45.7	1.124	2.077	9.8	20.5
3 2	8 50.57	+21 24.2	1.176	2.081	14.9	20.8
3 12	8 47.16	+21 43.9	1.248	2.085	19.1	21.0
433189 2012 UF_{13}			2 5.2 192°.88		7°.4/12.7 18	
1 2	9 32.24	−11 9.4	2.564	3.252	14.0	21.8
1 12	9 28.02	−11 22.4	2.471	3.252	12.1	21.7
1 22	9 22.19	−11 13.9	2.399	3.251	10.1	21.5
2 1	9 15.25	−10 42.2	2.350	3.250	8.3	21.4
2 11	9 7.89	− 9 48.4	2.328	3.249	7.4	21.3
2 21	9 0.86	− 8 36.1	2.334	3.248	7.9	21.4
3 2	8 54.87	− 7 10.5	2.367	3.247	9.5	21.5
3 12	8 50.50	− 5 38.3	2.426	3.245	11.5	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
167674 2004 FO_{33}			2 5.2 36°.87		1°.8/ 4.3 18	
	h m	° ′			°	m
1 2	9 40.24	+21 12.1	1.763	2.594	14.1	19.0
1 12	9 34.36	+21 13.0	1.705	2.610	10.4	18.8
1 22	9 26.13	+21 16.2	1.670	2.627	6.3	18.6
2 1	9 16.41	+21 17.3	1.663	2.644	2.4	18.4
2 11	9 6.42	+21 12.3	1.684	2.662	3.6	18.5
2 21	8 57.35	+20 59.0	1.734	2.681	7.6	18.8
3 2	8 50.19	+20 36.7	1.810	2.699	11.3	19.0
3 12	8 45.57	+20 6.3	1.908	2.719	14.5	19.3
17955 Sedransk			2 5.2 294°.95		1°.3/ 6.1 18	
1 2	9 36.20	+10 58.9	1.808	2.622	14.6	19.1
1 12	9 31.58	+11 11.9	1.723	2.617	11.1	18.9
1 22	9 24.63	+11 37.9	1.662	2.612	7.0	18.6
2 1	9 16.04	+12 14.1	1.626	2.607	2.7	18.3
2 11	9 6.82	+12 55.6	1.620	2.602	2.7	18.3
2 21	8 58.12	+13 37.3	1.641	2.597	7.0	18.6
3 2	8 51.01	+14 14.3	1.689	2.592	11.2	18.8
3 12	8 46.27	+14 43.3	1.759	2.587	14.8	19.0
468317 2016 CW_{65}			2 5.2 234°.70		4°.4/ 1.7 18	
1 2	9 37.15	+23 27.5	1.775	2.613	13.7	20.5
1 12	9 32.50	+24 56.7	1.703	2.612	10.2	20.3
1 22	9 25.30	+26 31.4	1.657	2.611	6.6	20.1
2 1	9 16.26	+28 2.3	1.638	2.610	4.4	19.9
2 11	9 6.53	+29 20.4	1.648	2.609	6.1	20.0
2 21	8 57.41	+30 18.9	1.685	2.608	9.7	20.2
3 2	8 50.07	+30 55.1	1.747	2.607	13.3	20.5
3 12	8 45.35	+31 9.7	1.829	2.606	16.3	20.7
363810 2005 MN_{29}			2 5.2 115°.99		0°.8/ 5.9 18	
1 2	9 36.70	+ 9 30.8	2.077	2.878	13.4	21.2
1 12	9 31.53	+10 28.8	2.007	2.894	10.1	21.0
1 22	9 24.38	+11 40.9	1.962	2.911	6.3	20.8
2 1	9 15.92	+13 2.4	1.946	2.926	2.2	20.5
2 11	9 7.05	+14 26.8	1.960	2.942	2.3	20.6
2 21	8 58.74	+15 47.7	2.004	2.956	6.2	20.8
3 2	8 51.85	+16 59.7	2.076	2.971	9.9	21.1
3 12	8 47.04	+17 59.4	2.174	2.984	12.9	21.3
341344 2007 TM_{46}			2 5.2 213°.96		0°.0/ 5.1 17	
1 2	9 35.08	+14 15.8	2.310	3.122	11.8	21.6
1 12	9 30.27	+14 39.9	2.225	3.120	8.9	21.4
1 22	9 23.62	+15 12.3	2.165	3.118	5.4	21.2
2 1	9 15.70	+15 49.7	2.134	3.116	1.6	20.9
2 11	9 7.33	+16 27.8	2.132	3.114	2.2	21.0
2 21	8 59.39	+17 2.7	2.161	3.112	6.0	21.2
3 2	8 52.70	+17 31.1	2.217	3.109	9.4	21.4
3 12	8 47.90	+17 51.2	2.297	3.107	12.4	21.6
30866 1992 EN_{8}			2 5.2 40°.48		4°.0/ 2.6 18	
1 2	9 38.51	+26 27.7	1.939	2.774	12.9	18.1
1 12	9 33.07	+27 3.2	1.881	2.786	9.6	17.9
1 22	9 25.36	+27 37.4	1.847	2.799	6.3	17.8
2 1	9 16.20	+28 4.4	1.841	2.812	4.1	17.6
2 11	9 6.72	+28 18.8	1.863	2.826	5.3	17.7
2 21	8 58.04	+28 18.2	1.913	2.840	8.4	18.0
3 2	8 51.13	+28 2.3	1.988	2.855	11.6	18.2
3 12	8 46.64	+27 33.0	2.085	2.869	14.3	18.4
518118 2016 CJ_{287}			2 5.2 305°.16		1°.8/ 6.6 17	
1 2	9 32.99	+ 7 10.3	1.641	2.454	15.8	21.3
1 12	9 29.61	+ 8 0.0	1.540	2.432	12.3	21.0
1 22	9 23.70	+ 9 12.7	1.461	2.409	8.1	20.7
2 1	9 15.84	+10 45.1	1.408	2.387	3.4	20.4
2 11	9 7.04	+12 30.0	1.383	2.365	3.0	20.3
2 21	8 58.54	+14 18.0	1.386	2.344	7.8	20.5
3 2	8 51.59	+15 59.5	1.415	2.323	12.6	20.7
3 12	8 47.19	+17 27.3	1.466	2.302	16.8	20.9
76557 2000 GB_{95}			2 5.2 305°.24		3°.6/ 2.8 18 R	
1 2	9 38.27	+25 7.7	2.019	2.851	12.5	19.1
1 12	9 33.05	+25 39.8	1.935	2.840	9.4	18.9
1 22	9 25.50	+26 12.6	1.875	2.828	6.1	18.7
2 1	9 16.30	+26 40.3	1.843	2.817	3.7	18.5
2 11	9 6.52	+26 57.5	1.839	2.806	5.0	18.6
2 21	8 57.29	+27 0.7	1.864	2.795	8.3	18.8
3 2	8 49.69	+26 48.8	1.914	2.784	11.8	19.0
3 12	8 44.47	+26 23.0	1.987	2.774	14.8	19.1
356021 2009 BL_{134}			2 5.2 182°.34		0°.3/ 4.9 18	
1 2	9 38.27	+13 26.8	1.864	2.680	14.1	20.9
1 12	9 33.07	+14 19.3	1.784	2.681	10.6	20.7
1 22	9 25.53	+15 24.7	1.727	2.681	6.4	20.4
2 1	9 16.32	+16 37.5	1.698	2.681	1.9	20.1
2 11	9 6.49	+17 50.6	1.699	2.680	2.8	20.2
2 21	8 57.19	+18 57.4	1.729	2.679	7.3	20.5
3 2	8 49.49	+19 52.8	1.786	2.677	11.4	20.7
3 12	8 44.20	+20 34.2	1.867	2.675	14.9	20.9

412893 2014 QL_{54} 2 5.2 306.°54 2.°5/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.66	+ 8 55.4	1.486	2.303	17.0	20.9
1 12	9 33.09	+ 8 57.2	1.406	2.299	13.1	20.6
1 22	9 25.76	+ 9 16.2	1.347	2.295	8.6	20.3
2 1	9 16.43	+ 9 50.0	1.313	2.291	3.9	20.1
2 11	9 6.33	+10 33.5	1.306	2.287	3.4	20.0
2 21	8 56.87	+11 20.3	1.326	2.284	8.1	20.3
3 2	8 49.35	+12 4.3	1.371	2.280	12.8	20.5
3 12	8 44.66	+12 40.7	1.437	2.277	16.9	20.8

126115 2001 YM_{112} 2 5.2 67.°00 1.°1/ 5.8 18

1 2	9 42.19	+11 57.2	1.330	2.156	18.2	19.6
1 12	9 36.27	+12 10.9	1.282	2.182	13.6	19.4
1 22	9 27.46	+12 39.5	1.255	2.209	8.4	19.2
2 1	9 16.85	+13 17.9	1.254	2.235	2.9	18.9
2 11	9 5.92	+13 59.3	1.279	2.261	3.1	19.0
2 21	8 56.17	+14 37.2	1.331	2.288	8.2	19.4
3 2	8 48.81	+15 7.2	1.408	2.314	12.8	19.7
3 12	8 44.51	+15 26.7	1.507	2.340	16.6	20.0

165706 2001 PW_{64} 2 5.2 93.°74 1.°4/ 4.0 18

1 2	9 36.29	+18 44.9	2.401	3.220	11.2	20.5
1 12	9 30.98	+19 22.7	2.338	3.238	8.3	20.4
1 22	9 23.93	+20 5.0	2.301	3.256	4.9	20.2
2 1	9 15.77	+20 47.5	2.292	3.274	1.8	20.0
2 11	9 7.32	+21 25.6	2.315	3.292	2.9	20.1
2 21	8 59.43	+21 56.0	2.367	3.309	6.1	20.3
3 2	8 52.86	+22 16.5	2.447	3.326	9.2	20.6
3 12	8 48.14	+22 26.4	2.551	3.343	11.8	20.8

127624 2003 BP_{70} 2 5.2 2.°10 0.°6/ 4.9 18

1 2	9 35.96	+15 33.9	1.074	1.930	19.3	19.8
1 12	9 32.61	+15 51.5	1.010	1.928	14.5	19.5
1 22	9 25.80	+16 23.5	0.966	1.927	8.9	19.1
2 1	9 16.48	+17 3.8	0.944	1.928	2.6	18.8
2 11	9 6.33	+17 43.8	0.947	1.929	3.9	18.9
2 21	8 57.19	+18 15.7	0.973	1.932	10.1	19.2
3 2	8 50.67	+18 34.3	1.020	1.935	15.6	19.5
3 12	8 47.74	+18 37.9	1.087	1.940	20.2	19.8

498915 2009 AB_{43} 2 5.2 297.°82 0.°6/ 5.8 18

1 2	9 32.98	+11 5.1	2.307	3.114	12.0	20.8
1 12	9 28.73	+11 45.1	2.222	3.113	9.1	20.6
1 22	9 22.71	+12 36.7	2.162	3.112	5.7	20.4
2 1	9 15.46	+13 36.5	2.129	3.111	2.0	20.1
2 11	9 7.75	+14 39.6	2.127	3.109	2.1	20.1
2 21	9 0.44	+15 40.8	2.155	3.108	5.8	20.4
3 2	8 54.31	+16 35.9	2.211	3.107	9.2	20.6
3 12	8 49.99	+17 21.7	2.291	3.106	12.2	20.8

343596 2010 GH_{101} 2 5.2 176.°69 1.°6/ 6.7 18

1 2	9 33.13	+ 8 19.6	2.615	3.406	11.2	21.4
1 12	9 28.62	+ 8 45.3	2.528	3.407	8.6	21.3
1 22	9 22.54	+ 9 22.3	2.465	3.408	5.6	21.1
2 1	9 15.39	+10 8.3	2.431	3.408	2.5	20.9
2 11	9 7.86	+10 59.8	2.428	3.408	2.2	20.8
2 21	9 0.68	+11 52.6	2.454	3.408	5.2	21.0
3 2	8 54.54	+12 42.8	2.510	3.408	8.2	21.2
3 12	8 50.00	+13 27.3	2.591	3.408	10.9	21.4

496775 2017 DD_{108} 2 5.2 189.°94 2.°0/ 3.8 18

1 2	9 39.73	+18 1.1	1.843	2.667	13.9	21.1
1 12	9 34.27	+19 1.5	1.764	2.666	10.3	20.8
1 22	9 26.32	+20 11.1	1.709	2.665	6.2	20.6
2 1	9 16.61	+21 23.0	1.682	2.663	2.4	20.3
2 11	9 6.22	+22 29.7	1.685	2.661	3.9	20.4
2 21	8 56.41	+23 24.7	1.716	2.658	8.1	20.7
3 2	8 48.30	+24 4.3	1.774	2.654	12.1	20.9
3 12	8 42.71	+24 27.6	1.855	2.650	15.5	21.1

93782 2000 WW_{32} 2 5.2 161.°54 4.°7/ 1.2 18

1 2	9 37.16	+25 53.8	1.988	2.823	12.6	19.5
1 12	9 32.29	+27 19.3	1.919	2.824	9.5	19.3
1 22	9 25.08	+28 46.9	1.875	2.825	6.4	19.1
2 1	9 16.22	+30 8.5	1.859	2.826	4.7	19.0
2 11	9 6.76	+31 16.0	1.872	2.827	6.2	19.1
2 21	8 57.87	+32 4.3	1.913	2.828	9.3	19.3
3 2	8 50.61	+32 31.4	1.980	2.828	12.4	19.5
3 12	8 45.77	+32 38.4	2.067	2.829	15.2	19.7

318185 2004 RD_{92} 2 5.2 224.°58 3.°9/ 8.7 17

1 2	9 35.30	+ 0 57.1	2.492	3.249	12.7	21.9
1 12	9 30.39	+ 1 7.5	2.388	3.238	10.2	21.7
1 22	9 23.73	+ 1 34.3	2.307	3.226	7.4	21.5
2 1	9 15.79	+ 2 16.9	2.254	3.213	4.8	21.3
2 11	9 7.32	+ 3 12.6	2.231	3.199	4.0	21.2
2 21	8 59.12	+ 4 17.3	2.237	3.185	6.0	21.3
3 2	8 51.98	+ 5 25.8	2.273	3.171	9.0	21.5
3 12	8 46.56	+ 6 33.1	2.334	3.156	11.8	21.7

27123 Matthewlam 2 5.2 174.°00 0.°9/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.67	+11 22.8	1.862	2.667	14.5	19.7
1 12	9 34.81	+11 48.2	1.781	2.671	11.0	19.5
1 22	9 26.58	+12 26.5	1.724	2.674	6.9	19.2
2 1	9 16.67	+13 13.9	1.695	2.675	2.5	19.0
2 11	9 6.17	+14 4.9	1.695	2.677	2.6	19.0
2 21	8 56.26	+14 53.7	1.724	2.677	7.0	19.2
3 2	8 48.02	+15 35.9	1.781	2.677	11.2	19.5
3 12	8 42.21	+16 8.5	1.861	2.676	14.7	19.7

217963 2001 UC_{204} 2 5.2 147.°14 1.°4/ 4.2 18

1 2	9 39.24	+18 21.4	2.188	3.005	12.3	21.5
1 12	9 33.40	+18 55.4	2.115	3.014	9.1	21.3
1 22	9 25.54	+19 34.8	2.067	3.022	5.5	21.1
2 1	9 16.32	+20 15.1	2.048	3.030	1.9	20.9
2 11	9 6.69	+20 51.3	2.059	3.037	3.0	21.0
2 21	8 57.64	+21 19.4	2.100	3.044	6.7	21.2
3 2	8 50.07	+21 37.2	2.169	3.050	10.1	21.5
3 12	8 44.62	+21 44.0	2.261	3.056	13.0	21.7

64035 2001 SB_{179} 2 5.2 227.°96 4.°7/ 9.0 18

1 2	9 35.09	− 0 14.0	2.159	2.919	14.3	19.6
1 12	9 30.47	− 0 7.4	2.061	2.911	11.6	19.4
1 22	9 23.88	+ 0 18.6	1.986	2.902	8.6	19.2
2 1	9 15.86	+ 1 3.8	1.937	2.893	5.7	19.0
2 11	9 7.25	+ 2 5.2	1.917	2.884	4.8	18.9
2 21	8 58.99	+ 3 17.9	1.925	2.874	6.8	19.0
3 2	8 51.96	+ 4 35.6	1.962	2.864	10.0	19.2
3 12	8 46.89	+ 5 52.1	2.023	2.853	13.1	19.4

109977 2001 SU_{53} 2 5.2 94.°82 1.°6/ 4.1 18

1 2	9 38.73	+18 0.7	1.865	2.690	13.7	20.0
1 12	9 33.26	+18 45.8	1.803	2.706	10.1	19.8
1 22	9 25.54	+19 38.0	1.765	2.721	6.1	19.6
2 1	9 16.32	+20 31.3	1.755	2.737	2.1	19.4
2 11	9 6.71	+21 19.3	1.774	2.752	3.5	19.5
2 21	8 57.84	+21 57.3	1.823	2.767	7.5	19.8
3 2	8 50.68	+22 22.4	1.897	2.782	11.2	20.0
3 12	8 45.90	+22 34.2	1.994	2.796	14.3	20.2

121986 2000 ER_{180} 2 5.2 286.°88 6.°6/ 1.6 18

1 2	9 42.46	+28 7.6	1.385	2.231	16.4	19.4
1 12	9 37.24	+29 17.1	1.315	2.225	12.5	19.2
1 22	9 28.56	+30 26.9	1.268	2.219	8.7	18.9
2 1	9 17.36	+31 25.7	1.246	2.212	6.6	18.8
2 11	9 5.25	+32 2.9	1.249	2.206	8.4	18.9
2 21	8 54.08	+32 13.1	1.278	2.200	12.3	19.1
3 2	8 45.46	+31 56.2	1.329	2.194	16.3	19.3
3 12	8 40.41	+31 16.7	1.399	2.188	19.9	19.5

365787 2011 AW_{16} 2 5.2 142.°76 6.°2/30.9 18

1 2	9 40.78	+30 59.7	2.040	2.869	12.5	21.1
1 12	9 34.99	+32 34.2	1.981	2.877	9.7	20.9
1 22	9 26.71	+34 5.8	1.948	2.885	7.2	20.8
2 1	9 16.71	+35 25.3	1.943	2.893	6.3	20.7
2 11	9 6.16	+36 25.0	1.966	2.900	7.6	20.8
2 21	8 56.28	+37 1.0	2.017	2.907	10.2	21.0
3 2	8 48.21	+37 12.9	2.093	2.913	12.9	21.2
3 12	8 42.71	+37 3.7	2.189	2.919	15.3	21.4

451715 2013 CV_{161} 2 5.2 69.°61 0.°1/ 5.1 18

1 2	9 40.13	+13 43.5	1.389	2.219	17.2	21.4
1 12	9 34.80	+14 20.8	1.336	2.240	12.8	21.1
1 22	9 26.66	+15 11.7	1.304	2.261	7.8	20.9
2 1	9 16.68	+16 9.7	1.299	2.281	2.3	20.6
2 11	9 6.29	+17 6.8	1.320	2.302	3.2	20.7
2 21	8 56.92	+17 56.1	1.369	2.323	8.4	21.1
3 2	8 49.79	+18 33.0	1.442	2.343	12.9	21.4
3 12	8 45.62	+18 55.7	1.537	2.364	16.6	21.7

90733 1993 BO_{8} 2 5.2 190.°87 0.°6/ 4.7 18

1 2	9 36.48	+15 24.1	2.110	2.927	12.6	20.5
1 12	9 31.52	+16 4.5	2.028	2.927	9.4	20.3
1 22	9 24.50	+16 54.1	1.971	2.926	5.7	20.1
2 1	9 16.05	+17 48.2	1.942	2.925	1.7	19.8
2 11	9 7.08	+18 41.2	1.943	2.923	2.7	19.9
2 21	8 58.59	+19 28.2	1.973	2.921	6.7	20.1
3 2	8 51.50	+20 5.6	2.031	2.919	10.3	20.3
3 12	8 46.51	+20 31.4	2.112	2.917	13.5	20.5

467055 2016 DT_{6} 2 5.2 32.°96 0.°0/ 5.1 18

1 2	9 34.78	+11 16.5	1.758	2.577	14.7	20.5
1 12	9 30.62	+12 28.8	1.679	2.577	11.0	20.3
1 22	9 24.13	+13 58.2	1.624	2.578	6.7	20.0
2 1	9 15.97	+15 38.4	1.596	2.579	2.0	19.7
2 11	9 7.17	+17 20.9	1.598	2.580	2.8	19.8
2 21	8 58.89	+18 57.0	1.629	2.581	7.5	20.1
3 2	8 52.21	+20 19.9	1.686	2.582	11.7	20.3
3 12	8 47.92	+21 25.7	1.767	2.583	15.2	20.5

498963 2009 BL_{107} 2 5.2 47°.62 1°.0/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 33.00	+ 9 42.2	2.043	2.852	13.3	20.9
1 12	9 28.88	+10 28.0	1.971	2.862	10.0	20.7
1 22	9 22.85	+11 27.7	1.923	2.873	6.3	20.5
2 1	9 15.53	+12 37.2	1.903	2.884	2.3	20.3
2 11	9 7.81	+13 50.7	1.913	2.895	2.3	20.3
2 21	9 0.60	+15 2.1	1.951	2.906	6.2	20.5
3 2	8 54.75	+16 6.2	2.018	2.918	9.8	20.8
3 12	8 50.89	+16 59.5	2.108	2.930	12.9	21.0

355303 2007 RB_{245} 2 5.2 250°.93 6°.6/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.59	+31 3.5	1.812	2.641	13.9	21.4
1 12	9 38.37	+32 11.8	1.726	2.624	10.9	21.2
1 22	9 29.09	+33 17.9	1.665	2.606	8.0	20.9
2 1	9 17.54	+34 12.2	1.631	2.587	6.6	20.8
2 11	9 5.04	+34 46.0	1.624	2.568	8.1	20.9
2 21	8 53.16	+34 54.4	1.645	2.548	11.3	21.0
3 2	8 43.34	+34 37.4	1.690	2.528	14.7	21.2
3 12	8 36.61	+33 58.7	1.755	2.507	17.8	21.3

124398 2001 QK_{197} 2 5.2 145°.67 0°.3/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.60	+15 42.7	2.548	3.359	10.9	20.0
1 12	9 30.47	+16 5.6	2.469	3.364	8.1	19.9
1 22	9 23.68	+16 34.7	2.416	3.369	4.9	19.7
2 1	9 15.78	+17 6.9	2.392	3.374	1.4	19.4
2 11	9 7.52	+17 38.3	2.398	3.379	2.2	19.5
2 21	8 59.71	+18 5.6	2.435	3.384	5.6	19.7
3 2	8 53.07	+18 26.5	2.500	3.388	8.7	19.9
3 12	8 48.16	+18 39.4	2.590	3.392	11.4	20.1

264702 2002 AK_{126} 2 5.2 112°.04 0°.9/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.06	+12 20.8	1.962	2.772	13.7	20.8
1 12	9 32.70	+12 30.0	1.887	2.779	10.4	20.6
1 22	9 25.20	+12 49.6	1.836	2.787	6.5	20.3
2 1	9 16.26	+13 16.4	1.813	2.794	2.3	20.1
2 11	9 6.89	+13 46.1	1.819	2.801	2.4	20.1
2 21	8 58.11	+14 14.6	1.854	2.808	6.5	20.4
3 2	8 50.89	+14 38.4	1.917	2.815	10.3	20.6
3 12	8 45.90	+14 55.2	2.002	2.822	13.6	20.8

384231 2009 DP_{53} 2 5.2 117°.61 2°.5/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.61	+23 31.1	2.482	3.304	10.8	20.9
1 12	9 32.02	+23 59.3	2.410	3.311	8.0	20.8
1 22	9 24.63	+24 28.5	2.365	3.318	5.0	20.6
2 1	9 16.07	+24 54.1	2.348	3.325	2.6	20.4
2 11	9 7.17	+25 12.3	2.362	3.332	3.7	20.5
2 21	8 58.82	+25 20.5	2.406	3.339	6.6	20.7
3 2	8 51.80	+25 17.5	2.477	3.345	9.5	20.9
3 12	8 46.69	+25 3.9	2.571	3.352	12.0	21.1

239234 2006 SG_{141} 2 5.2 212°.14 5°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.66	+35 29.3	2.912	3.727	9.6	20.5
1 12	9 32.88	+36 32.2	2.838	3.720	7.7	20.4
1 22	9 25.22	+37 29.9	2.790	3.713	6.1	20.3
2 1	9 16.27	+38 16.5	2.771	3.706	5.6	20.2
2 11	9 6.87	+38 47.5	2.782	3.698	6.5	20.3
2 21	8 57.90	+39 0.5	2.820	3.690	8.4	20.4
3 2	8 50.20	+38 55.5	2.884	3.682	10.4	20.5
3 12	8 44.40	+38 34.2	2.970	3.673	12.2	20.6

205258 2000 RO_{83} 2 5.2 156°.17 0°.0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.53	+14 45.7	1.966	2.774	13.8	21.5
1 12	9 36.02	+14 57.7	1.889	2.782	10.3	21.3
1 22	9 27.23	+15 18.0	1.837	2.789	6.3	21.0
2 1	9 16.89	+15 42.7	1.814	2.796	1.9	20.8
2 11	9 6.07	+16 7.4	1.821	2.802	2.5	20.8
2 21	8 55.92	+16 28.0	1.857	2.808	6.8	21.1
3 2	8 47.46	+16 42.0	1.922	2.812	10.7	21.3
3 12	8 41.39	+16 47.8	2.009	2.816	14.0	21.6

269606 2010 CU_{52} 2 5.2 227°.01 2°.9/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.80	+ 3 7.2	2.925	3.688	10.8	21.4
1 12	9 28.29	+ 3 18.7	2.822	3.678	8.6	21.3
1 22	9 22.35	+ 3 43.0	2.743	3.668	6.1	21.1
2 1	9 15.40	+ 4 19.1	2.693	3.657	3.7	20.9
2 11	9 8.04	+ 5 4.5	2.674	3.646	3.1	20.9
2 21	9 0.93	+ 5 55.9	2.684	3.634	5.0	21.0
3 2	8 54.70	+ 6 49.5	2.725	3.623	7.7	21.1
3 12	8 49.88	+ 7 41.6	2.791	3.610	10.2	21.3

281481 2008 SS_{239} 2 5.2 36°.98 3°.9/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.04	+24 29.1	1.846	2.683	13.3	20.3
1 12	9 32.21	+25 24.7	1.782	2.690	9.9	20.1
1 22	9 25.02	+26 22.2	1.743	2.697	6.4	19.9
2 1	9 16.23	+27 14.5	1.730	2.704	4.0	19.8
2 11	9 6.97	+27 54.7	1.747	2.712	5.4	19.9
2 21	8 58.43	+28 18.8	1.790	2.719	8.8	20.1
3 2	8 51.64	+28 25.3	1.859	2.727	12.2	20.4
3 12	8 47.32	+28 15.3	1.949	2.736	15.1	20.6

409864 2006 SJ_{189} 2 5.2 104°.44 1°.9/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 38.95	+ 7 38.7	2.035	2.826	14.0	23.4
1 12	9 33.14	+ 8 9.1	1.973	2.851	10.7	23.2
1 22	9 25.35	+ 8 53.8	1.934	2.876	6.9	23.0
2 1	9 16.29	+ 9 49.4	1.924	2.900	3.1	22.8
2 11	9 6.92	+10 50.5	1.943	2.924	2.6	22.9
2 21	8 58.21	+11 51.7	1.993	2.947	6.2	23.1
3 2	8 51.03	+12 48.1	2.071	2.969	9.7	23.4
3 12	8 45.99	+13 36.2	2.173	2.990	12.7	23.6

375006 2007 GU 2 5.3 215°.83 3°.5/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.14	+26 14.1	2.575	3.395	10.5	21.7
1 12	9 33.30	+27 1.6	2.489	3.387	7.9	21.5
1 22	9 25.52	+27 49.4	2.429	3.378	5.2	21.3
2 1	9 16.38	+28 32.1	2.399	3.368	3.5	21.2
2 11	9 6.74	+29 4.7	2.399	3.358	4.7	21.2
2 21	8 57.51	+29 24.0	2.429	3.347	7.4	21.4
3 2	8 49.58	+29 28.8	2.486	3.336	10.2	21.5
3 12	8 43.60	+29 19.8	2.566	3.324	12.6	21.7

386745 2010 BC_{10} 2 5.3 64°.11 6°.8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.96	+33 6.1	2.170	3.002	11.8	20.6
1 12	9 32.18	+35 0.1	2.113	3.007	9.3	20.4
1 22	9 25.06	+36 50.3	2.082	3.012	7.3	20.3
2 1	9 16.27	+38 27.5	2.079	3.017	6.9	20.3
2 11	9 6.88	+39 43.8	2.105	3.022	8.3	20.4
2 21	8 58.03	+40 35.0	2.158	3.028	10.5	20.5
3 2	8 50.80	+41 0.6	2.234	3.033	12.9	20.7
3 12	8 45.96	+41 3.1	2.330	3.038	15.0	20.9

354521 2004 RJ_{60} 2 5.3 118°.37 1°.3/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.57	+17 56.1	1.685	2.507	15.1	21.1
1 12	9 37.05	+18 19.7	1.621	2.522	11.2	20.9
1 22	9 27.94	+18 50.0	1.581	2.537	6.7	20.6
2 1	9 17.11	+19 21.6	1.568	2.551	2.2	20.4
2 11	9 5.85	+19 48.4	1.585	2.564	3.4	20.5
2 21	8 55.49	+20 6.4	1.630	2.577	7.9	20.8
3 2	8 47.16	+20 13.3	1.701	2.590	12.0	21.0
3 12	8 41.60	+20 9.0	1.795	2.602	15.4	21.3

455784 2005 QZ_{113} 2 5.3 197°.52 0°.3/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.35	+12 39.0	2.377	3.179	11.9	22.8
1 12	9 31.97	+13 11.6	2.286	3.176	8.9	22.6
1 22	9 24.72	+13 54.1	2.221	3.172	5.5	22.4
2 1	9 16.15	+14 43.0	2.185	3.167	1.8	22.1
2 11	9 7.07	+15 33.7	2.180	3.162	2.2	22.1
2 21	8 58.38	+16 21.7	2.205	3.156	5.9	22.4
3 2	8 50.91	+17 3.4	2.259	3.149	9.4	22.6
3 12	8 45.33	+17 36.3	2.338	3.142	12.4	22.8

332806 2009 WQ_{150} 2 5.3 172°.85 2°.0/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.42	+18 54.5	1.986	2.814	12.9	20.7
1 12	9 31.63	+19 47.6	1.910	2.815	9.5	20.5
1 22	9 24.65	+20 47.8	1.858	2.815	5.8	20.3
2 1	9 16.14	+21 49.2	1.834	2.815	2.3	20.0
2 11	9 7.09	+22 45.3	1.840	2.815	3.7	20.1
2 21	8 58.58	+23 30.8	1.874	2.816	7.5	20.4
3 2	8 51.60	+24 2.6	1.935	2.816	11.2	20.6
3 12	8 46.87	+24 19.8	2.018	2.816	14.3	20.8

323430 2004 FZ_{116} 2 5.3 220°.62 3°.1/ 7.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.51	+ 3 21.9	2.198	2.974	13.6	22.0
1 12	9 30.78	+ 3 50.0	2.101	2.966	10.8	21.7
1 22	9 24.09	+ 4 36.0	2.026	2.957	7.5	21.5
2 1	9 15.98	+ 5 38.2	1.979	2.948	4.3	21.3
2 11	9 7.29	+ 6 52.5	1.962	2.939	3.4	21.2
2 21	8 58.93	+ 8 13.0	1.975	2.929	6.2	21.4
3 2	8 51.79	+ 9 33.5	2.016	2.918	9.7	21.6
3 12	8 46.59	+10 48.6	2.083	2.907	13.0	21.8

291211 2006 AZ_{89} 2 5.3 76°.95 0°.5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.54	+11 59.4	1.430	2.257	17.0	20.8
1 12	9 33.75	+12 33.7	1.365	2.266	12.8	20.6
1 22	9 26.16	+13 24.1	1.320	2.275	7.9	20.3
2 1	9 16.63	+14 25.1	1.302	2.284	2.6	20.0
2 11	9 6.50	+15 28.8	1.310	2.293	3.0	20.1
2 21	8 57.20	+16 27.6	1.346	2.302	8.2	20.4
3 2	8 49.98	+17 15.8	1.407	2.311	12.9	20.7
3 12	8 45.68	+17 50.1	1.488	2.320	16.8	21.0

170249 2003 QH_{45} 2 5.3 164°.89 1°.5/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.26	+17 40.8	2.016	2.834	13.1	21.8
1 12	9 34.40	+18 28.2	1.940	2.840	9.7	21.5
1 22	9 26.30	+19 23.0	1.889	2.845	5.9	21.3
2 1	9 16.65	+20 19.8	1.867	2.849	2.0	21.1
2 11	9 6.47	+21 12.1	1.875	2.853	3.3	21.2
2 21	8 56.88	+21 55.1	1.913	2.855	7.3	21.4
3 2	8 48.88	+22 25.5	1.977	2.858	11.0	21.6
3 12	8 43.20	+22 42.6	2.065	2.859	14.1	21.9

428111 2006 RM_{54} 2 5.3 178°.79 2°.2/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 33.16	+ 5 43.5	2.910	3.685	10.6	22.1
1 12	9 28.52	+ 5 59.0	2.819	3.686	8.3	22.0
1 22	9 22.47	+ 6 25.7	2.753	3.687	5.6	21.8
2 1	9 15.45	+ 7 2.2	2.716	3.687	3.1	21.6
2 11	9 8.10	+ 7 45.7	2.710	3.687	2.5	21.6
2 21	9 1.05	+ 8 32.7	2.734	3.687	4.8	21.7
3 2	8 54.93	+ 9 19.8	2.788	3.686	7.5	21.9
3 12	8 50.23	+10 3.8	2.868	3.685	10.0	22.1

384217 2009 CN_{59} 2 5.3 292°.13 2°.9/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.35	+24 11.1	2.348	3.173	11.2	21.3
1 12	9 32.04	+24 39.7	2.268	3.170	8.4	21.1
1 22	9 24.77	+25 9.1	2.214	3.167	5.3	20.9
2 1	9 16.18	+25 34.7	2.188	3.164	3.0	20.7
2 11	9 7.16	+25 51.9	2.192	3.160	4.1	20.8
2 21	8 58.65	+25 58.1	2.225	3.157	7.1	21.0
3 2	8 51.53	+25 52.1	2.285	3.154	10.2	21.1
3 12	8 46.42	+25 34.4	2.368	3.151	12.9	21.3

312653 2010 KQ_{36} 2 5.3 256°.30 14°.3/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.93	−18 18.5	1.819	2.475	19.9	21.0
1 12	9 34.00	−20 4.2	1.727	2.461	18.2	20.8
1 22	9 26.43	−21 22.9	1.651	2.448	16.5	20.6
2 1	9 16.81	−22 6.9	1.594	2.434	15.0	20.5
2 11	9 6.17	−22 11.4	1.559	2.420	14.3	20.4
2 21	8 55.77	−21 36.2	1.546	2.405	14.6	20.4
3 2	8 46.93	−20 26.7	1.555	2.390	15.9	20.4
3 12	8 40.65	−18 52.5	1.583	2.375	17.8	20.5

368071 2012 JP_{58} 2 5.3 113°.89 2°.4/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.40	+ 7 29.5	1.963	2.760	14.2	21.2
1 12	9 31.50	+ 7 39.2	1.885	2.766	11.0	21.0
1 22	9 24.52	+ 8 3.5	1.830	2.772	7.3	20.8
2 1	9 16.12	+ 8 40.2	1.803	2.778	3.6	20.5
2 11	9 7.25	+ 9 25.0	1.804	2.784	3.0	20.5
2 21	8 58.92	+10 13.1	1.834	2.790	6.5	20.7
3 2	8 52.06	+10 59.4	1.892	2.795	10.2	21.0
3 12	8 47.35	+11 40.0	1.973	2.801	13.4	21.2

133918 2004 RG_{279} 2 5.3 0°.10 2°.8/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.16	+21 20.5	1.212	2.062	17.9	19.8
1 12	9 36.32	+21 31.9	1.145	2.060	13.4	19.5
1 22	9 28.02	+21 48.1	1.099	2.059	8.3	19.2
2 1	9 17.27	+22 1.9	1.078	2.059	3.3	19.0
2 11	9 5.76	+22 6.2	1.081	2.059	5.0	19.1
2 21	8 55.33	+21 56.7	1.110	2.061	10.3	19.4
3 2	8 47.53	+21 32.6	1.161	2.063	15.3	19.6
3 12	8 43.31	+20 55.5	1.232	2.065	19.5	19.9

367566 2009 SC_{105} 2 5.3 144°.58 1°.9/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.35	+ 8 14.5	2.389	3.176	12.3	22.2
1 12	9 31.83	+ 8 29.1	2.311	3.187	9.4	22.1
1 22	9 24.56	+ 8 55.3	2.257	3.198	6.2	21.9
2 1	9 16.11	+ 9 30.8	2.232	3.208	2.9	21.7
2 11	9 7.30	+10 12.1	2.237	3.217	2.4	21.7
2 21	8 58.96	+10 55.2	2.273	3.226	5.6	21.9
3 2	8 51.86	+11 36.1	2.337	3.234	8.8	22.1
3 12	8 46.60	+12 11.8	2.427	3.242	11.6	22.3

366925 2005 UA_{305} 2 5.3 61°.51 4°.5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.12	+23 57.7	1.674	2.514	14.3	20.4
1 12	9 33.17	+25 22.6	1.623	2.532	10.6	20.2
1 22	9 25.67	+26 50.3	1.596	2.550	6.8	20.1
2 1	9 16.48	+28 11.3	1.597	2.569	4.5	20.0
2 11	9 6.85	+29 17.2	1.625	2.587	6.1	20.1
2 21	8 58.07	+30 2.7	1.681	2.606	9.6	20.3
3 2	8 51.25	+30 26.2	1.761	2.624	13.0	20.6
3 12	8 47.10	+30 29.5	1.862	2.643	15.9	20.8

463526 2013 RP_{1} 2 5.3 207°.57 2°.0/ 6.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.96	+ 8 3.6	2.173	2.967	13.1	22.2
1 12	9 31.09	+ 8 22.1	2.083	2.964	10.1	22.0
1 22	9 24.27	+ 8 54.2	2.017	2.960	6.6	21.8
2 1	9 16.07	+ 9 37.5	1.979	2.956	3.1	21.5
2 11	9 7.34	+10 28.0	1.971	2.951	2.6	21.5
2 21	8 59.02	+11 20.8	1.992	2.946	6.1	21.7
3 2	8 51.98	+12 11.2	2.041	2.941	9.7	21.9
3 12	8 46.92	+12 55.4	2.114	2.936	12.9	22.1

350437 2012 WK 2 5.3 115°.91 4°.6/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.69	+29 45.8	2.588	3.414	10.3	21.0
1 12	9 31.45	+30 54.8	2.527	3.424	7.9	20.8
1 22	9 24.37	+32 1.5	2.493	3.434	5.6	20.7
2 1	9 16.07	+32 59.8	2.488	3.445	4.6	20.7
2 11	9 7.39	+33 44.7	2.512	3.454	5.7	20.7
2 21	8 59.23	+34 13.1	2.565	3.464	7.9	20.9
3 2	8 52.39	+34 24.3	2.644	3.473	10.3	21.1
3 12	8 47.46	+34 19.8	2.745	3.483	12.4	21.2

295522 2008 RV_{115} 2 5.3 164°.81 0°.6/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.71	+12 29.7	2.315	3.119	12.1	21.5
1 12	9 31.49	+12 47.7	2.232	3.122	9.1	21.3
1 22	9 24.42	+13 14.8	2.175	3.125	5.7	21.1
2 1	9 16.10	+13 48.2	2.146	3.128	2.0	20.9
2 11	9 7.35	+14 23.9	2.148	3.130	2.1	20.9
2 21	8 59.07	+14 57.9	2.179	3.132	5.8	21.1
3 2	8 52.06	+15 27.1	2.239	3.133	9.2	21.3
3 12	8 46.94	+15 49.1	2.323	3.135	12.2	21.5

469433 2002 CO_{279} 2 5.3 247°.33 1°.0/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.05	+ 9 9.6	2.287	3.084	12.4	20.9
1 12	9 30.47	+ 9 56.1	2.185	3.069	9.5	20.7
1 22	9 23.94	+10 57.2	2.107	3.054	6.1	20.4
2 1	9 16.00	+12 9.5	2.058	3.038	2.4	20.1
2 11	9 7.43	+13 27.7	2.039	3.021	2.2	20.1
2 21	8 59.12	+14 46.0	2.051	3.004	6.1	20.3
3 2	8 51.98	+15 58.9	2.091	2.987	9.7	20.5
3 12	8 46.71	+17 2.1	2.157	2.969	13.0	20.7

483006 2014 SS_{210} 2 5.3 62°.88 1°.3/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.94	+ 9 45.3	1.717	2.531	15.2	20.9
1 12	9 31.36	+10 20.0	1.652	2.545	11.5	20.7
1 22	9 24.51	+11 10.1	1.610	2.560	7.3	20.5
2 1	9 16.14	+12 11.3	1.594	2.574	2.8	20.3
2 11	9 7.33	+13 17.2	1.607	2.589	2.6	20.3
2 21	8 59.21	+14 21.1	1.648	2.604	7.0	20.6
3 2	8 52.78	+15 17.5	1.715	2.619	11.0	20.8
3 12	8 48.73	+16 2.7	1.806	2.634	14.4	21.1

2130 Evdokiya 2 5.3 174°.86 1°.9/ 4.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.56	+19 27.8	1.849	2.669	14.0	17.5
1 12	9 37.08	+20 0.8	1.772	2.672	10.5	17.2
1 22	9 28.04	+20 39.5	1.720	2.675	6.4	17.0
2 1	9 17.24	+21 18.0	1.695	2.676	2.4	16.8
2 11	9 5.85	+21 50.3	1.701	2.677	3.8	16.8
2 21	8 55.15	+22 11.9	1.735	2.678	8.0	17.1
3 2	8 46.30	+22 20.7	1.796	2.677	11.9	17.3
3 12	8 40.09	+22 16.8	1.880	2.676	15.3	17.6

152879 2000 AV_{160} 2 5.3 341°.94 1°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.74	+17 56.1	1.141	1.993	18.8	19.6
1 12	9 35.49	+17 57.6	1.070	1.985	14.1	19.3
1 22	9 27.67	+18 8.2	1.018	1.979	8.7	19.0
2 1	9 17.23	+18 22.3	0.990	1.973	2.7	18.6
2 11	9 5.83	+18 33.0	0.986	1.967	4.1	18.7
2 21	8 55.39	+18 34.8	1.006	1.963	10.2	19.0
3 2	8 47.59	+18 25.1	1.049	1.960	15.7	19.3
3 12	8 43.47	+18 3.4	1.111	1.958	20.3	19.6

69601 1998 FB_{27} 2 5.3 348°.38 0°.8/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.09	+17 24.0	1.211	2.060	18.0	18.8
1 12	9 34.05	+17 25.3	1.139	2.053	13.6	18.5
1 22	9 26.68	+17 36.1	1.087	2.047	8.3	18.2
2 1	9 16.91	+17 51.0	1.059	2.042	2.5	17.8
2 11	9 6.28	+18 3.8	1.056	2.038	3.8	17.9
2 21	8 56.53	+18 9.0	1.078	2.035	9.6	18.2
3 2	8 49.24	+18 3.7	1.123	2.033	14.9	18.5
3 12	8 45.37	+17 47.0	1.186	2.032	19.3	18.8

344547 2002 VM_{86} 2 5.3 88°.92 1°.4/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.89	+17 12.0	1.417	2.246	17.1	21.4
1 12	9 38.30	+17 47.4	1.367	2.272	12.6	21.2
1 22	9 28.79	+18 31.7	1.340	2.297	7.5	21.0
2 1	9 17.43	+19 17.8	1.339	2.321	2.4	20.7
2 11	9 5.73	+19 58.0	1.365	2.345	3.8	20.9
2 21	8 55.21	+20 26.9	1.420	2.368	8.7	21.2
3 2	8 47.10	+20 42.2	1.499	2.391	13.1	21.5
3 12	8 42.10	+20 43.9	1.600	2.414	16.7	21.8

411316 2010 TA_{168} 2 5.3 71°.94 2°.4/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.20	+20 6.8	1.642	2.476	14.9	21.2
1 12	9 34.66	+20 45.2	1.584	2.491	11.0	21.0
1 22	9 26.55	+21 28.9	1.549	2.506	6.7	20.7
2 1	9 16.77	+22 11.5	1.540	2.521	2.7	20.5
2 11	9 6.56	+22 46.3	1.560	2.536	4.2	20.7
2 21	8 57.25	+23 8.7	1.608	2.551	8.4	20.9
3 2	8 49.93	+23 16.8	1.681	2.566	12.3	21.2
3 12	8 45.32	+23 11.2	1.775	2.581	15.6	21.5

245206 2004 VT_{24} 2 5.3 136°.90 2°.7/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.80	+21 31.9	1.854	2.677	13.9	21.0
1 12	9 37.14	+22 11.1	1.789	2.690	10.3	20.8
1 22	9 28.00	+22 53.8	1.748	2.702	6.3	20.6
2 1	9 17.20	+23 33.6	1.735	2.714	2.9	20.4
2 11	9 5.97	+24 4.3	1.752	2.725	4.3	20.5
2 21	8 55.56	+24 22.0	1.798	2.735	8.1	20.7
3 2	8 47.05	+24 25.4	1.870	2.745	11.8	21.0
3 12	8 41.17	+24 15.5	1.965	2.754	14.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
463658 2013 WR_{35}			2 5.3 115°.68		3°.1/ 2.5 18	
	h m	° ′			°	m
1 2	9 36.84	+23 2.8	2.249	3.077	11.6	21.2
1 12	9 31.72	+24 6.2	2.183	3.086	8.6	21.0
1 22	9 24.61	+25 12.3	2.142	3.096	5.4	20.9
2 1	9 16.17	+26 15.1	2.131	3.106	3.2	20.7
2 11	9 7.32	+27 8.5	2.149	3.115	4.5	20.8
2 21	8 59.02	+27 48.5	2.197	3.124	7.5	21.0
3 2	8 52.13	+28 13.0	2.271	3.133	10.5	21.2
3 12	8 47.31	+28 22.3	2.368	3.141	13.1	21.4
288632 2004 PJ_{14}			2 5.3 167°.38		1°.0/ 4.5 18	
1 2	9 39.80	+15 5.3	1.810	2.629	14.3	21.6
1 12	9 34.33	+16 4.5	1.734	2.633	10.7	21.4
1 22	9 26.42	+17 15.5	1.682	2.637	6.4	21.1
2 1	9 16.77	+18 32.0	1.658	2.640	2.0	20.8
2 11	9 6.51	+19 46.2	1.663	2.643	3.3	20.9
2 21	8 56.84	+20 51.2	1.698	2.645	7.7	21.2
3 2	8 48.88	+21 42.5	1.760	2.646	11.8	21.5
3 12	8 43.43	+22 18.3	1.844	2.647	15.2	21.7
235637 2004 RP_{70}			2 5.3 230°.01		0°.4/ 5.0 18	
1 2	9 38.62	+13 33.7	1.665	2.487	15.3	20.6
1 12	9 33.75	+14 22.6	1.579	2.479	11.5	20.4
1 22	9 26.24	+15 26.1	1.516	2.472	7.0	20.1
2 1	9 16.77	+16 38.6	1.481	2.463	2.1	19.8
2 11	9 6.49	+17 52.4	1.474	2.455	3.1	19.8
2 21	8 56.72	+18 59.7	1.495	2.446	8.1	20.1
3 2	8 48.71	+19 54.8	1.542	2.437	12.6	20.3
3 12	8 43.39	+20 34.7	1.611	2.427	16.5	20.5
32036 2000 JP_{19}			2 5.3 131°.66		7°.3/30.0 18	
1 2	9 44.09	+31 5.2	1.847	2.676	13.7	18.7
1 12	9 37.79	+33 18.3	1.797	2.692	10.6	18.5
1 22	9 28.64	+35 28.2	1.773	2.707	8.1	18.4
2 1	9 17.47	+37 22.9	1.778	2.722	7.3	18.4
2 11	9 5.61	+38 52.4	1.811	2.736	8.9	18.5
2 21	8 54.52	+39 51.5	1.872	2.749	11.6	18.7
3 2	8 45.51	+40 20.4	1.957	2.761	14.3	18.9
3 12	8 39.45	+40 23.4	2.061	2.772	16.7	19.1
372598 2009 UB_{148}			2 5.3 106°.43		2°.1/ 6.9 18	
1 2	9 36.49	+ 8 13.9	2.031	2.829	13.8	21.7
1 12	9 31.51	+ 8 23.3	1.955	2.837	10.6	21.5
1 22	9 24.52	+ 8 46.1	1.902	2.845	6.9	21.3
2 1	9 16.17	+ 9 20.1	1.877	2.853	3.3	21.1
2 11	9 7.39	+10 1.1	1.881	2.861	2.8	21.0
2 21	8 59.16	+10 44.6	1.914	2.869	6.3	21.3
3 2	8 52.35	+11 26.0	1.975	2.877	9.9	21.5
3 12	8 47.63	+12 1.8	2.059	2.885	13.0	21.7
426560 2013 RD_{93}			2 5.3 163°.87		0°.0/ 5.1 17	
1 2	9 37.37	+14 28.8	2.258	3.068	12.2	22.0
1 12	9 32.04	+14 49.1	2.177	3.071	9.1	21.8
1 22	9 24.80	+15 17.4	2.122	3.074	5.6	21.6
2 1	9 16.25	+15 50.3	2.094	3.077	1.7	21.4
2 11	9 7.28	+16 23.5	2.097	3.079	2.3	21.4
2 21	8 58.79	+16 53.3	2.130	3.081	6.1	21.7
3 2	8 51.63	+17 16.6	2.191	3.082	9.5	21.9
3 12	8 46.45	+17 31.9	2.276	3.084	12.5	22.1
189757 2002 AE_{82}			2 5.3 68°.70		2°.1/ 6.5 17	
1 2	9 40.71	+ 8 37.1	1.351	2.168	18.4	19.5
1 12	9 35.24	+ 8 59.9	1.301	2.195	14.0	19.3
1 22	9 26.97	+ 9 41.8	1.272	2.221	8.9	19.1
2 1	9 16.91	+10 37.8	1.268	2.247	3.8	18.8
2 11	9 6.50	+11 40.5	1.292	2.273	3.2	18.9
2 21	8 57.17	+12 42.0	1.342	2.300	8.0	19.2
3 2	8 50.09	+13 35.9	1.417	2.325	12.5	19.5
3 12	8 45.97	+14 18.2	1.514	2.351	16.3	19.8
403864 2011 VQ_{11}			2 5.3 47°.94		5°.2/ 1.9 18	
1 2	9 39.97	+25 21.7	1.500	2.344	15.4	21.1
1 12	9 35.01	+26 34.9	1.437	2.348	11.6	20.9
1 22	9 27.06	+27 50.8	1.397	2.351	7.7	20.6
2 1	9 17.01	+28 59.2	1.384	2.355	5.3	20.5
2 11	9 6.30	+29 50.8	1.397	2.359	7.0	20.6
2 21	8 56.45	+30 19.9	1.436	2.363	10.8	20.8
3 2	8 48.85	+30 25.4	1.499	2.367	14.6	21.1
3 12	8 44.33	+30 9.8	1.581	2.371	17.9	21.3
368612 2004 RF_{258}			2 5.3 84°.34		3°.5/ 8.1 18	
1 2	9 35.72	+ 3 24.3	1.977	2.759	14.7	21.2
1 12	9 30.92	+ 3 39.1	1.908	2.776	11.5	21.0
1 22	9 24.15	+ 4 11.7	1.861	2.792	8.0	20.8
2 1	9 16.06	+ 5 0.3	1.841	2.809	4.7	20.7
2 11	9 7.60	+ 6 0.3	1.850	2.826	3.7	20.6
2 21	8 59.72	+ 7 6.1	1.888	2.842	6.4	20.8
3 2	8 53.30	+ 8 11.8	1.953	2.858	9.8	21.1
3 12	8 48.95	+ 9 12.2	2.043	2.874	12.9	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
463626 2013 TD_{33}			2 5.3 187°.77		7°.9/12.8 18	
	h m	° ′			°	m
1 2	9 34.41	−11 46.1	2.470	3.153	14.6	21.3
1 12	9 29.78	−12 9.2	2.377	3.152	12.7	21.1
1 22	9 23.42	−12 10.2	2.305	3.151	10.7	21.0
2 1	9 15.86	−11 46.9	2.256	3.150	8.9	20.9
2 11	9 7.83	−11 0.1	2.233	3.149	8.0	20.8
2 21	9 0.13	− 9 52.8	2.238	3.147	8.4	20.8
3 2	8 53.54	− 8 30.7	2.270	3.144	10.0	20.9
3 12	8 48.67	− 7 0.6	2.326	3.142	12.1	21.0
115317 2003 SZ_{216}			2 5.3 55°.80		1°.2/ 4.4 18	
1 2	9 36.68	+17 38.1	1.960	2.786	13.1	19.6
1 12	9 31.78	+18 9.3	1.890	2.793	9.7	19.3
1 22	9 24.75	+18 47.5	1.843	2.799	5.8	19.1
2 1	9 16.27	+19 27.6	1.824	2.806	1.9	18.9
2 11	9 7.36	+20 4.5	1.834	2.813	3.1	19.0
2 21	8 59.05	+20 33.7	1.873	2.821	7.0	19.2
3 2	8 52.31	+20 52.6	1.938	2.828	10.7	19.5
3 12	8 47.79	+21 0.1	2.027	2.835	13.8	19.7
414834 2010 UY_{77}			2 5.3 122°.65		4°.6/ 8.5 18	
1 2	9 38.95	+ 2 7.1	2.069	2.836	14.6	21.9
1 12	9 33.26	+ 1 46.2	1.994	2.849	11.7	21.7
1 22	9 25.55	+ 1 41.8	1.942	2.862	8.5	21.5
2 1	9 16.51	+ 1 53.6	1.916	2.875	5.5	21.4
2 11	9 7.06	+ 2 19.3	1.920	2.887	4.7	21.3
2 21	8 58.17	+ 2 55.0	1.952	2.899	6.9	21.5
3 2	8 50.73	+ 3 36.0	2.012	2.910	9.9	21.7
3 12	8 45.40	+ 4 17.3	2.096	2.921	12.9	21.9
494716 2005 SQ_{89}			2 5.3 133°.21		1°.4/ 6.3 18	
1 2	9 37.26	+10 4.4	2.003	2.807	13.7	21.9
1 12	9 32.14	+10 21.4	1.926	2.813	10.5	21.7
1 22	9 24.95	+10 51.0	1.872	2.819	6.7	21.5
2 1	9 16.35	+11 30.2	1.846	2.825	2.7	21.3
2 11	9 7.27	+12 14.5	1.850	2.831	2.5	21.3
2 21	8 58.74	+12 58.9	1.882	2.837	6.4	21.5
3 2	8 51.68	+13 39.1	1.942	2.842	10.1	21.8
3 12	8 46.77	+14 12.0	2.026	2.847	13.4	22.0
448307 2009 BW_{131}			2 5.3 44°.79		4°.4/ 7.6 18	
1 2	9 38.45	+ 5 44.7	1.358	2.170	18.6	21.0
1 12	9 33.78	+ 5 24.2	1.293	2.178	14.6	20.8
1 22	9 26.26	+ 5 24.1	1.247	2.188	10.1	20.5
2 1	9 16.78	+ 5 43.4	1.226	2.197	5.7	20.3
2 11	9 6.70	+ 6 18.0	1.230	2.207	4.8	20.3
2 21	8 57.47	+ 7 1.6	1.260	2.217	8.5	20.5
3 2	8 50.37	+ 7 47.3	1.315	2.228	12.9	20.8
3 12	8 46.22	+ 8 28.9	1.390	2.239	16.9	21.1
301617 2010 DA_{58}			2 5.3 205°.91		7°.0/12.8 18	
1 2	9 32.64	−11 53.4	2.952	3.624	12.6	21.2
1 12	9 28.23	−12 15.9	2.854	3.620	11.0	21.1
1 22	9 22.39	−12 19.6	2.776	3.616	9.3	20.9
2 1	9 15.55	−12 3.2	2.723	3.611	7.8	20.8
2 11	9 8.32	−11 26.9	2.697	3.606	7.1	20.8
2 21	9 1.34	−10 33.4	2.699	3.601	7.4	20.8
3 2	8 55.26	− 9 26.5	2.728	3.596	8.8	20.9
3 12	8 50.60	− 8 11.7	2.782	3.590	10.5	21.0
44027 Termain			2 5.3 60°.38		5°.0/ 2.9 18	
1 2	9 47.16	+28 2.5	1.533	2.366	15.7	18.5
1 12	9 39.83	+28 31.1	1.491	2.394	11.8	18.3
1 22	9 29.62	+28 55.6	1.472	2.422	7.8	18.1
2 1	9 17.70	+29 8.1	1.479	2.450	5.1	18.0
2 11	9 5.67	+29 3.4	1.515	2.477	6.4	18.2
2 21	8 55.01	+28 40.0	1.577	2.505	9.8	18.4
3 2	8 46.87	+28 0.2	1.665	2.533	13.3	18.7
3 12	8 41.86	+27 7.9	1.773	2.561	16.3	19.0
158518 2002 EQ_{152}			2 5.3 289°.37		6°.2/ 9.6 17	
1 2	9 34.36	− 2 5.2	1.993	2.751	15.4	20.2
1 12	9 30.27	− 2 22.7	1.885	2.729	12.8	20.0
1 22	9 24.03	− 2 19.6	1.798	2.706	9.9	19.8
2 1	9 16.14	− 1 54.4	1.736	2.683	7.2	19.6
2 11	9 7.48	− 1 8.3	1.701	2.661	6.2	19.5
2 21	8 59.05	− 0 5.4	1.693	2.638	8.0	19.5
3 2	8 51.89	+ 1 8.2	1.712	2.615	11.1	19.6
3 12	8 46.83	+ 2 25.1	1.755	2.592	14.4	19.8
491235 2011 UP_{198}			2 5.3 70°.95		5°.9/ 9.0 18	
1 2	9 37.53	+ 0 34.1	1.543	2.326	18.0	20.6
1 12	9 32.82	+ 0 15.1	1.473	2.336	14.6	20.4
1 22	9 25.57	+ 0 19.6	1.424	2.347	10.7	20.2
2 1	9 16.57	+ 0 47.6	1.399	2.357	7.2	20.0
2 11	9 7.02	+ 1 35.8	1.399	2.368	6.0	20.0
2 21	8 58.17	+ 2 37.8	1.427	2.378	8.4	20.1
3 2	8 51.18	+ 3 45.9	1.480	2.389	12.1	20.4
3 12	8 46.82	+ 4 52.4	1.555	2.399	15.6	20.6

499011 2009 CW_{45} 2 5.3 339°.71 0°.2/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 33.92	+13 8.4	2.079	2.896	12.8	21.4
1 12	9 29.71	+13 37.6	1.996	2.892	9.6	21.1
1 22	9 23.51	+14 17.4	1.936	2.889	5.9	20.9
2 1	9 15.93	+15 4.2	1.904	2.886	1.9	20.6
2 11	9 7.85	+15 52.9	1.901	2.884	2.3	20.7
2 21	9 0.21	+16 38.8	1.927	2.881	6.4	20.9
3 2	8 53.91	+17 17.6	1.981	2.879	10.1	21.1
3 12	8 49.63	+17 46.9	2.057	2.877	13.3	21.3

118722 2000 QV_{64} 2 5.3 132°.00 3°.5/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.56	+23 24.0	1.955	2.786	12.9	19.5
1 12	9 33.32	+24 21.9	1.885	2.790	9.6	19.3
1 22	9 25.77	+25 22.8	1.840	2.794	6.1	19.1
2 1	9 16.62	+26 19.9	1.823	2.798	3.6	19.0
2 11	9 6.96	+27 6.4	1.835	2.802	5.0	19.1
2 21	8 57.93	+27 37.8	1.876	2.806	8.4	19.3
3 2	8 50.56	+27 52.4	1.942	2.809	11.8	19.5
3 12	8 45.60	+27 50.7	2.030	2.812	14.7	19.7

105180 2000 OK_{29} 2 5.3 68°.98 6°.8/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.54	+ 0 46.0	1.842	2.604	16.3	18.9
1 12	9 36.23	− 0 33.0	1.762	2.609	13.4	18.7
1 22	9 27.54	− 1 36.5	1.704	2.614	10.2	18.5
2 1	9 17.19	− 2 21.4	1.673	2.618	7.6	18.4
2 11	9 6.25	− 2 46.9	1.669	2.623	6.9	18.3
2 21	8 55.91	− 2 54.7	1.694	2.628	8.8	18.4
3 2	8 47.25	− 2 48.4	1.744	2.633	11.7	18.6
3 12	8 41.04	− 2 33.5	1.818	2.638	14.7	18.8

170262 2003 QX_{57} 2 5.3 136°.41 2°.5/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.73	+ 8 11.6	1.896	2.690	14.8	20.4
1 12	9 34.77	+ 8 10.0	1.822	2.701	11.4	20.2
1 22	9 26.58	+ 8 22.0	1.770	2.712	7.5	19.9
2 1	9 16.87	+ 8 45.7	1.747	2.722	3.6	19.7
2 11	9 6.70	+ 9 17.2	1.752	2.732	3.1	19.7
2 21	8 57.17	+ 9 52.0	1.787	2.741	6.7	20.0
3 2	8 49.28	+10 25.7	1.849	2.749	10.5	20.2
3 12	8 43.73	+10 54.6	1.935	2.757	13.9	20.4

242190 2003 MB_{13} 2 5.3 194°.34 1°.3/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.49	+10 55.7	2.118	2.914	13.3	21.2
1 12	9 34.56	+11 7.5	2.028	2.912	10.2	21.0
1 22	9 26.47	+11 30.5	1.963	2.909	6.5	20.8
2 1	9 16.86	+12 1.8	1.926	2.905	2.5	20.5
2 11	9 6.68	+12 37.4	1.919	2.900	2.4	20.5
2 21	8 56.96	+13 13.0	1.942	2.895	6.4	20.7
3 2	8 48.67	+13 44.8	1.994	2.889	10.2	21.0
3 12	8 42.55	+14 9.9	2.070	2.882	13.5	21.2

377202 2003 WH_{85} 2 5.3 160°.41 1°.6/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.82	+ 9 17.2	2.401	3.195	12.0	22.0
1 12	9 30.80	+ 9 29.2	2.318	3.199	9.2	21.8
1 22	9 24.04	+ 9 52.1	2.259	3.202	6.0	21.6
2 1	9 16.09	+10 23.7	2.228	3.205	2.7	21.4
2 11	9 7.74	+11 0.5	2.227	3.208	2.3	21.3
2 21	8 59.80	+11 38.7	2.257	3.211	5.5	21.5
3 2	8 53.06	+12 14.7	2.314	3.213	8.8	21.8
3 12	8 48.11	+12 45.6	2.397	3.215	11.7	21.9

214241 2005 EP_{186} 2 5.3 307°.60 3°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.81	+20 55.1	1.467	2.313	15.6	20.6
1 12	9 32.91	+22 2.5	1.384	2.297	11.7	20.3
1 22	9 26.02	+23 19.8	1.323	2.281	7.3	20.0
2 1	9 16.83	+24 38.2	1.287	2.266	3.8	19.8
2 11	9 6.66	+25 47.6	1.279	2.251	5.8	19.9
2 21	8 57.04	+26 39.7	1.296	2.236	10.4	20.1
3 2	8 49.44	+27 10.1	1.337	2.222	14.9	20.3
3 12	8 44.93	+27 18.5	1.398	2.208	18.9	20.5

428982 2008 YL_{164} 2 5.3 115°.92 3°.6/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.32	+24 40.5	2.320	3.149	11.2	21.1
1 12	9 31.36	+25 47.9	2.253	3.156	8.4	20.9
1 22	9 24.46	+26 56.9	2.211	3.163	5.4	20.8
2 1	9 16.23	+28 1.4	2.199	3.170	3.6	20.7
2 11	9 7.57	+28 55.5	2.216	3.176	4.9	20.8
2 21	8 59.42	+29 35.0	2.262	3.183	7.7	20.9
3 2	8 52.64	+29 58.3	2.334	3.189	10.5	21.1
3 12	8 47.88	+30 5.8	2.430	3.195	13.0	21.3

65965 1998 HR_{7} 2 5.3 249°.12 10°.6/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.73	−22 53.2	2.788	3.369	14.9	19.6
1 12	9 30.86	−23 37.5	2.673	3.347	13.8	19.4
1 22	9 24.19	−23 58.3	2.576	3.325	12.5	19.3
2 1	9 16.19	−23 51.7	2.499	3.301	11.4	19.2
2 11	9 7.54	−23 15.6	2.445	3.278	10.7	19.1
2 21	8 59.06	−22 11.0	2.416	3.253	10.8	19.1
3 2	8 51.55	−20 41.9	2.411	3.228	11.5	19.1
3 12	8 45.70	−18 55.1	2.431	3.202	12.9	19.1

145162 2005 HG_{5} 2 5.3 190°.24 2°.6/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 33.53	+ 4 21.7	2.898	3.667	10.8	21.4
1 12	9 28.87	+ 4 32.8	2.804	3.665	8.5	21.2
1 22	9 22.77	+ 4 56.0	2.735	3.664	5.9	21.1
2 1	9 15.70	+ 5 29.8	2.695	3.662	3.4	20.9
2 11	9 8.26	+ 6 11.8	2.685	3.659	2.8	20.9
2 21	9 1.11	+ 6 58.7	2.705	3.656	4.9	21.0
3 2	8 54.89	+ 7 46.8	2.755	3.653	7.6	21.2
3 12	8 50.10	+ 8 32.7	2.831	3.650	10.1	21.3

315599 2008 CF_{152} 2 5.3 265°.90 2°.4/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.21	+ 7 50.8	1.973	2.769	14.2	21.5
1 12	9 32.43	+ 7 59.9	1.868	2.749	11.1	21.2
1 22	9 25.36	+ 8 24.0	1.786	2.728	7.4	21.0
2 1	9 16.58	+ 9 1.3	1.731	2.707	3.6	20.7
2 11	9 7.01	+ 9 48.0	1.706	2.686	3.0	20.6
2 21	8 57.72	+10 39.0	1.709	2.664	6.9	20.8
3 2	8 49.79	+11 29.0	1.739	2.642	11.0	21.0
3 12	8 44.09	+12 13.5	1.793	2.619	14.6	21.2

131307 2001 FD_{154} 2 5.3 26°.83 2°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.64	+19 2.4	1.960	2.790	12.9	19.1
1 12	9 31.14	+19 58.0	1.885	2.791	9.6	18.9
1 22	9 24.45	+21 0.7	1.836	2.793	5.8	18.7
2 1	9 16.25	+22 4.6	1.814	2.794	2.4	18.5
2 11	9 7.53	+23 2.8	1.821	2.796	3.8	18.6
2 21	8 59.34	+23 50.1	1.857	2.798	7.6	18.8
3 2	8 52.68	+24 23.3	1.919	2.800	11.2	19.0
3 12	8 48.26	+24 41.3	2.003	2.802	14.3	19.3

87368 2000 QT_{48} 2 5.3 264°.90 1°.1/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.80	+10 26.5	2.072	2.876	13.3	20.3
1 12	9 32.04	+10 51.5	1.967	2.855	10.2	20.0
1 22	9 25.09	+11 29.9	1.885	2.833	6.5	19.7
2 1	9 16.50	+12 19.0	1.831	2.811	2.5	19.4
2 11	9 7.14	+13 14.0	1.806	2.788	2.4	19.4
2 21	8 58.05	+14 9.5	1.811	2.766	6.6	19.6
3 2	8 50.26	+15 0.4	1.844	2.742	10.7	19.8
3 12	8 44.59	+15 43.1	1.900	2.719	14.2	20.0

199715 2006 HJ_{78} 2 5.3 243°.41 0°.7/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 31.56	+17 45.5	3.630	4.439	8.0	21.3
1 12	9 27.23	+18 12.8	3.531	4.426	5.9	21.1
1 22	9 21.70	+18 44.0	3.460	4.414	3.6	21.0
2 1	9 15.36	+19 16.5	3.419	4.401	1.2	20.8
2 11	9 8.71	+19 47.7	3.410	4.388	1.9	20.8
2 21	9 2.28	+20 15.1	3.431	4.375	4.4	21.0
3 2	8 56.58	+20 36.9	3.482	4.362	6.7	21.1
3 12	8 52.05	+20 51.9	3.559	4.348	8.8	21.2

164312 2005 AD_{22} 2 5.3 48°.82 1°.5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.12	+10 27.8	1.308	2.138	18.2	19.6
1 12	9 33.55	+10 47.8	1.253	2.154	13.8	19.3
1 22	9 26.11	+11 25.5	1.218	2.171	8.7	19.1
2 1	9 16.76	+12 16.1	1.208	2.189	3.3	18.8
2 11	9 6.94	+13 12.2	1.224	2.207	3.1	18.9
2 21	8 58.10	+14 6.1	1.267	2.225	8.2	19.2
3 2	8 51.48	+14 51.7	1.333	2.244	13.0	19.5
3 12	8 47.86	+15 25.3	1.421	2.263	16.9	19.8

110837 2001 UW_{65} 2 5.3 150°.45 2°.2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.82	+ 7 54.2	2.216	3.005	13.1	19.8
1 12	9 32.38	+ 8 1.6	2.136	3.012	10.1	19.6
1 22	9 25.04	+ 8 21.5	2.079	3.019	6.7	19.4
2 1	9 16.41	+ 8 51.9	2.051	3.026	3.2	19.2
2 11	9 7.35	+ 9 29.2	2.053	3.032	2.7	19.2
2 21	8 58.79	+10 9.2	2.084	3.038	5.9	19.4
3 2	8 51.55	+10 48.0	2.144	3.043	9.4	19.6
3 12	8 46.29	+11 22.0	2.228	3.048	12.4	19.8

382270 2012 TA_{174} 2 5.3 285°.75 3°.3/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.38	+25 15.9	2.251	3.078	11.6	20.9
1 12	9 32.97	+25 46.8	2.171	3.072	8.7	20.7
1 22	9 25.47	+26 18.0	2.115	3.067	5.6	20.5
2 1	9 16.55	+26 44.2	2.088	3.062	3.4	20.4
2 11	9 7.16	+27 0.7	2.090	3.056	4.6	20.4
2 21	8 58.30	+27 4.6	2.121	3.051	7.6	20.6
3 2	8 50.90	+26 54.9	2.179	3.046	10.7	20.8
3 12	8 45.65	+26 32.5	2.260	3.041	13.5	21.0

12705 1990 TJ 2 5.3 78°.64 3°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.51	+21 19.7	1.651	2.487	14.7	17.6
1 12	9 34.33	+22 11.1	1.586	2.494	10.9	17.4
1 22	9 26.51	+23 7.8	1.545	2.501	6.7	17.1
2 1	9 16.90	+24 2.4	1.530	2.508	3.3	16.9
2 11	9 6.74	+24 47.3	1.543	2.516	4.8	17.1
2 21	8 57.36	+25 17.4	1.584	2.523	8.9	17.3
3 2	8 49.95	+25 30.5	1.649	2.530	12.8	17.6
3 12	8 45.27	+25 27.4	1.736	2.537	16.1	17.8

86554 2000 EH_9 2 5.3 227°.08 0°.3/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 43.61	+15 46.6	1.914	2.724	14.0	20.6
1 12	9 37.24	+15 58.7	1.818	2.712	10.6	20.3
1 22	9 28.31	+16 18.9	1.746	2.698	6.5	20.1
2 1	9 17.49	+16 43.2	1.702	2.684	2.0	19.7
2 11	9 5.88	+17 6.8	1.688	2.669	2.8	19.8
2 21	8 54.72	+17 25.3	1.703	2.653	7.4	20.0
3 2	8 45.23	+17 35.9	1.746	2.636	11.7	20.2
3 12	8 38.28	+17 37.3	1.813	2.618	15.3	20.4

361715 2007 VO_{313} 2 5.3 169°.89 1°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.88	+19 5.5	2.052	2.870	12.9	21.7
1 12	9 34.91	+19 48.0	1.975	2.875	9.6	21.5
1 22	9 26.70	+20 36.5	1.923	2.878	5.8	21.3
2 1	9 16.94	+21 25.4	1.900	2.881	2.2	21.0
2 11	9 6.66	+22 8.7	1.907	2.883	3.5	21.1
2 21	8 56.97	+22 42.1	1.944	2.885	7.3	21.4
3 2	8 48.86	+23 2.9	2.008	2.886	10.9	21.6
3 12	8 43.06	+23 10.8	2.095	2.886	14.0	21.8

317382 2002 OG_{32} 2 5.3 174°.52 0°.1/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.72	+14 18.0	2.339	3.150	11.8	21.5
1 12	9 30.83	+14 49.6	2.257	3.151	8.8	21.3
1 22	9 24.11	+15 29.8	2.199	3.152	5.4	21.0
2 1	9 16.14	+16 14.8	2.171	3.153	1.6	20.8
2 11	9 7.73	+17 0.1	2.172	3.154	2.2	20.8
2 21	8 59.74	+17 41.6	2.203	3.154	5.9	21.1
3 2	8 53.00	+18 15.8	2.263	3.154	9.3	21.3
3 12	8 48.12	+18 40.9	2.347	3.154	12.2	21.5

81624 2000 HW_{74} 2 5.3 145°.83 3°.2/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.01	+ 3 26.1	2.486	3.257	12.3	19.9
1 12	9 29.41	+ 3 35.8	2.401	3.262	9.7	19.7
1 22	9 23.18	+ 3 59.9	2.339	3.267	6.8	19.5
2 1	9 15.84	+ 4 37.0	2.306	3.271	4.1	19.4
2 11	9 8.13	+ 5 24.3	2.302	3.275	3.3	19.3
2 21	9 0.79	+ 6 17.5	2.327	3.279	5.6	19.5
3 2	8 54.55	+ 7 12.3	2.382	3.283	8.5	19.6
3 12	8 49.97	+ 8 4.5	2.462	3.287	11.2	19.8

97514 2000 DL_1 2 5.3 356°.64 39°.3/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	17 16.09	+81 52.3	0.896	1.497	39.3	16.1
1 12	17 42.35	+82 54.2	0.880	1.484	39.7	16.1
1 22	17 59.42	+85 8.9	0.862	1.475	39.9	16.0
2 1	17 25.08	+88 38.0	0.845	1.469	40.0	16.0
2 11	7 30.68	+86 25.1	0.831	1.468	39.9	15.9
2 21	7 30.64	+80 20.6	0.822	1.470	39.7	15.9
3 2	7 43.60	+73 9.4	0.824	1.475	39.6	15.9
3 12	7 58.62	+65 10.7	0.839	1.485	39.6	15.9

465737 2009 VW_{50} 2 5.3 84°.70 2°.3/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.80	+ 7 33.1	1.971	2.767	14.2	21.2
1 12	9 31.75	+ 7 47.7	1.904	2.784	10.9	21.0
1 22	9 24.69	+ 8 16.8	1.860	2.802	7.2	20.8
2 1	9 16.30	+ 8 57.7	1.843	2.819	3.4	20.6
2 11	9 7.55	+ 9 45.9	1.855	2.835	2.8	20.6
2 21	8 59.42	+10 36.1	1.897	2.852	6.3	20.8
3 2	8 52.78	+11 23.8	1.965	2.869	9.9	21.1
3 12	8 48.26	+12 5.0	2.058	2.885	13.0	21.3

133889 Nicholasmills 2 5.3 135°.12 6°.9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 48.17	+33 33.4	1.888	2.708	13.8	19.9
1 12	9 40.61	+34 39.9	1.833	2.723	10.8	19.8
1 22	9 30.23	+35 39.3	1.804	2.737	8.1	19.6
2 1	9 18.01	+36 22.3	1.802	2.750	6.9	19.6
2 11	9 5.36	+36 42.4	1.828	2.762	8.1	19.7
2 21	8 53.76	+36 37.3	1.882	2.774	10.7	19.9
3 2	8 44.42	+36 9.0	1.960	2.784	13.5	20.1
3 12	8 38.09	+35 22.4	2.059	2.794	16.0	20.3

156540 2002 CK_{310} 2 5.3 10°.09 1°.6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.23	+10 37.8	1.422	2.253	16.9	20.0
1 12	9 30.63	+10 47.8	1.353	2.255	12.9	19.8
1 22	9 24.38	+11 14.2	1.306	2.258	8.2	19.5
2 1	9 16.28	+11 53.3	1.282	2.263	3.3	19.2
2 11	9 7.57	+12 39.3	1.285	2.268	3.0	19.2
2 21	8 59.59	+13 25.5	1.314	2.274	7.9	19.5
3 2	8 53.55	+14 6.1	1.368	2.281	12.5	19.8
3 12	8 50.26	+14 36.8	1.442	2.289	16.5	20.1

375043 Zengweizhou 2 5.3 310°.21 8°.0/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.54	+33 50.1	1.732	2.571	14.0	20.4
1 12	9 34.82	+35 14.8	1.657	2.555	11.2	20.2
1 22	9 27.10	+36 35.4	1.606	2.540	8.8	20.0
2 1	9 17.17	+37 41.3	1.580	2.525	8.0	20.0
2 11	9 6.35	+38 23.3	1.581	2.510	9.5	20.0
2 21	8 56.21	+38 36.7	1.606	2.496	12.4	20.2
3 2	8 48.15	+38 21.6	1.654	2.482	15.5	20.3
3 12	8 43.16	+37 42.0	1.721	2.468	18.3	20.5

20577 1999 RM_{148} 2 5.3 60°.18 1°.9/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 35.56	+ 8 45.2	1.892	2.698	14.3	18.4
1 12	9 31.03	+ 9 3.0	1.815	2.702	11.0	18.1
1 22	9 24.37	+ 9 35.4	1.761	2.707	7.1	17.9
2 1	9 16.25	+10 19.5	1.734	2.712	3.2	17.7
2 11	9 7.63	+11 10.5	1.735	2.717	2.7	17.7
2 21	8 59.55	+12 2.9	1.765	2.722	6.6	17.9
3 2	8 52.97	+12 51.7	1.822	2.727	10.4	18.1
3 12	8 48.58	+13 32.9	1.903	2.732	13.8	18.4

351246 2004 RP_{56} 2 5.3 243°.34 2°.9/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.50	+ 6 33.8	1.708	2.506	15.9	21.8
1 12	9 33.66	+ 6 47.7	1.613	2.494	12.5	21.6
1 22	9 26.25	+ 7 20.3	1.540	2.481	8.4	21.3
2 1	9 16.90	+ 8 9.7	1.493	2.468	4.2	21.0
2 11	9 6.69	+ 9 11.1	1.474	2.454	3.5	20.9
2 21	8 56.89	+10 17.8	1.483	2.440	7.6	21.1
3 2	8 48.71	+11 23.0	1.519	2.425	12.0	21.4
3 12	8 43.10	+12 20.9	1.578	2.410	16.0	21.6

359035 2008 WF_{74} 2 5.3 2°.55 3°.9/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.06	+19 34.2	1.115	1.979	18.2	19.6
1 12	9 31.32	+20 51.3	1.054	1.977	13.5	19.3
1 22	9 25.19	+22 21.2	1.014	1.976	8.3	19.0
2 1	9 16.60	+23 52.7	0.997	1.977	4.1	18.7
2 11	9 7.16	+25 12.9	1.004	1.978	6.3	18.9
2 21	8 58.65	+26 11.9	1.035	1.981	11.5	19.2
3 2	8 52.67	+26 44.9	1.087	1.986	16.4	19.5
3 12	8 50.19	+26 52.4	1.158	1.991	20.5	19.7

226911 2004 TF_{198} 2 5.3 215°.83 0°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.73	+14 18.9	2.037	2.853	13.1	21.1
1 12	9 31.85	+14 44.6	1.954	2.851	9.8	20.9
1 22	9 24.86	+15 19.8	1.896	2.849	6.0	20.6
2 1	9 16.41	+16 0.6	1.865	2.848	1.8	20.4
2 11	9 7.43	+16 42.2	1.864	2.846	2.5	20.4
2 21	8 58.94	+17 19.7	1.892	2.844	6.6	20.7
3 2	8 51.89	+17 49.7	1.947	2.842	10.4	20.9
3 12	8 46.99	+18 10.0	2.025	2.840	13.6	21.1

14374 1989 SA 2 5.3 93°.00 6°.3/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.69	+29 46.6	1.812	2.646	13.7	17.6
1 12	9 35.85	+31 22.5	1.765	2.665	10.5	17.4
1 22	9 27.39	+32 55.2	1.743	2.685	7.5	17.3
2 1	9 17.18	+34 14.8	1.748	2.704	6.3	17.3
2 11	9 6.51	+35 13.3	1.781	2.722	7.8	17.4
2 21	8 56.72	+35 46.8	1.842	2.741	10.5	17.6
3 2	8 48.96	+35 55.5	1.926	2.759	13.4	17.8
3 12	8 43.96	+35 42.8	2.031	2.776	15.9	18.0

207645 2007 HB_{33} 2 5.3 181°.79 2°.7/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.49	+ 7 25.4	1.832	2.626	15.2	22.0
1 12	9 34.82	+ 7 30.5	1.748	2.627	11.8	21.7
1 22	9 26.77	+ 7 51.1	1.687	2.628	7.9	21.5
2 1	9 17.02	+ 8 25.2	1.653	2.628	3.9	21.2
2 11	9 6.64	+ 9 8.6	1.647	2.627	3.3	21.2
2 21	8 56.81	+ 9 55.8	1.671	2.625	7.1	21.4
3 2	8 48.62	+10 41.7	1.722	2.623	11.1	21.7
3 12	8 42.85	+11 21.9	1.796	2.621	14.7	21.9

245700 2006 BU_{224} 2 5.3 134°.93 1°.3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.97	+ 9 52.3	2.155	2.956	13.0	21.3
1 12	9 31.11	+10 16.0	2.076	2.962	9.9	21.1
1 22	9 24.33	+10 51.9	2.021	2.967	6.3	20.9
2 1	9 16.25	+11 37.0	1.994	2.973	2.6	20.6
2 11	9 7.72	+12 26.9	1.996	2.978	2.3	20.6
2 21	8 59.67	+13 16.7	2.028	2.983	6.0	20.9
3 2	8 52.96	+14 2.2	2.088	2.988	9.6	21.1
3 12	8 48.21	+14 40.2	2.172	2.992	12.6	21.3

245928 2006 RG_{20} 2 5.3 223°.41 4°.9/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.91	− 1 14.8	2.533	3.280	12.7	20.5
1 12	9 29.39	− 1 29.9	2.438	3.276	10.5	20.4
1 22	9 23.22	− 1 29.1	2.367	3.272	8.0	20.2
2 1	9 15.91	− 1 12.2	2.322	3.268	5.7	20.1
2 11	9 8.16	− 0 40.7	2.305	3.263	4.9	20.0
2 21	9 0.73	+ 0 2.2	2.318	3.259	6.3	20.1
3 2	8 54.35	+ 0 52.3	2.358	3.254	8.8	20.2
3 12	8 49.59	+ 1 44.8	2.424	3.250	11.3	20.4

21210 1994 PA_{31} 2 5.3 86°.46 3°.3/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.64	+ 2 18.8	2.431	3.201	12.6	18.9
1 12	9 28.44	+ 2 40.3	2.348	3.208	10.0	18.7
1 22	9 22.63	+ 3 17.8	2.289	3.215	7.1	18.6
2 1	9 15.72	+ 4 9.7	2.258	3.222	4.3	18.4
2 11	9 8.44	+ 5 12.5	2.255	3.229	3.4	18.3
2 21	9 1.54	+ 6 21.3	2.283	3.236	5.6	18.5
3 2	8 55.75	+ 7 31.1	2.339	3.243	8.5	18.7
3 12	8 51.61	+ 8 37.1	2.421	3.249	11.2	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
186881 2004 JV_{14}			2 5.3 262.°74	4.°1/ 8.1 18		
	h m	° ′			°	m
1 2	9 36.29	+ 3 32.0	1.950	2.732	14.8	20.9
1 12	9 31.71	+ 3 27.2	1.852	2.719	11.9	20.6
1 22	9 24.92	+ 3 39.8	1.776	2.705	8.4	20.4
2 1	9 16.50	+ 4 9.6	1.726	2.692	5.2	20.2
2 11	9 7.37	+ 4 53.5	1.704	2.678	4.3	20.1
2 21	8 58.58	+ 5 46.9	1.710	2.663	7.1	20.2
3 2	8 51.17	+ 6 44.1	1.744	2.649	10.8	20.4
3 12	8 45.94	+ 7 39.4	1.801	2.634	14.3	20.6
337186 1999 VZ_{143}			2 5.3 57.°02	6.°6/ 2.1 18		
1 2	9 44.37	+27 11.2	1.158	2.012	18.4	20.1
1 12	9 38.81	+28 21.4	1.114	2.028	13.9	19.9
1 22	9 29.57	+29 30.5	1.091	2.044	9.4	19.7
2 1	9 17.89	+30 25.8	1.091	2.061	6.7	19.6
2 11	9 5.73	+30 57.1	1.117	2.078	8.4	19.7
2 21	8 55.05	+31 0.3	1.167	2.096	12.4	20.0
3 2	8 47.37	+30 37.4	1.238	2.113	16.6	20.3
3 12	8 43.47	+29 53.7	1.328	2.131	20.0	20.6
301027 2008 SN_{128}			2 5.3 224.°09	0.°7/ 5.7 18		
1 2	9 41.17	+12 34.7	1.729	2.541	15.2	22.0
1 12	9 35.62	+12 51.5	1.639	2.533	11.6	21.7
1 22	9 27.42	+13 20.9	1.573	2.524	7.2	21.4
2 1	9 17.28	+13 59.1	1.533	2.514	2.5	21.1
2 11	9 6.35	+14 40.8	1.522	2.504	2.8	21.1
2 21	8 55.91	+15 20.2	1.539	2.493	7.6	21.4
3 2	8 47.23	+15 52.8	1.583	2.482	12.1	21.6
3 12	8 41.19	+16 15.8	1.650	2.469	16.0	21.8
130531 2000 QY_{201}			2 5.3 52.°15	3.°1/ 3.9 18		
1 2	9 43.33	+21 11.2	1.228	2.074	18.0	18.8
1 12	9 37.56	+21 46.1	1.184	2.097	13.3	18.5
1 22	9 28.57	+22 25.9	1.162	2.121	8.1	18.3
2 1	9 17.54	+23 2.1	1.164	2.145	3.5	18.1
2 11	9 6.21	+23 26.6	1.193	2.169	5.2	18.3
2 21	8 56.25	+23 35.3	1.247	2.194	9.9	18.6
3 2	8 48.96	+23 27.4	1.325	2.219	14.4	19.0
3 12	8 45.05	+23 4.9	1.423	2.244	18.0	19.3
6999 Meitner			2 5.3 1.°07	1.°7/ 6.3 18		
1 2	9 35.07	+ 9 14.3	1.223	2.058	18.8	17.3
1 12	9 31.73	+ 9 45.9	1.152	2.056	14.4	17.0
1 22	9 25.32	+10 40.2	1.102	2.056	9.3	16.7
2 1	9 16.67	+11 52.4	1.075	2.056	3.6	16.4
2 11	9 7.18	+13 13.8	1.073	2.056	3.3	16.3
2 21	8 58.45	+14 34.1	1.097	2.057	8.9	16.7
3 2	8 51.95	+15 44.7	1.144	2.059	14.2	17.0
3 12	8 48.63	+16 39.6	1.211	2.062	18.7	17.2
2010 Chebyshev			2 5.3 70.°91	0.°9/ 4.6 18		
1 2	9 37.21	+17 14.2	2.129	2.949	12.5	16.4
1 12	9 31.96	+17 42.5	2.068	2.967	9.2	16.2
1 22	9 24.78	+18 16.9	2.031	2.986	5.5	16.0
2 1	9 16.37	+18 52.9	2.023	3.005	1.7	15.8
2 11	9 7.66	+19 26.0	2.044	3.024	2.7	15.9
2 21	8 59.59	+19 52.5	2.095	3.043	6.4	16.1
3 2	8 52.99	+20 9.9	2.173	3.062	9.8	16.4
3 12	8 48.44	+20 17.4	2.275	3.080	12.6	16.6
247631 2002 UC_{47}			2 5.3 95.°21	0.°5/ 5.7 18		
1 2	9 39.72	+11 41.1	1.885	2.692	14.3	21.4
1 12	9 33.97	+12 20.1	1.827	2.718	10.7	21.3
1 22	9 26.06	+13 11.2	1.792	2.743	6.6	21.1
2 1	9 16.77	+14 9.5	1.785	2.767	2.2	20.8
2 11	9 7.16	+15 9.1	1.809	2.791	2.4	20.9
2 21	8 58.28	+16 4.2	1.861	2.814	6.6	21.2
3 2	8 51.08	+16 50.6	1.941	2.837	10.4	21.5
3 12	8 46.17	+17 26.0	2.045	2.859	13.5	21.7
253295 2003 BK_{68}			2 5.3 31.°61	3.°6/ 3.6 18		
1 2	9 39.43	+22 7.0	1.221	2.074	17.6	19.7
1 12	9 34.75	+22 43.1	1.176	2.093	13.0	19.5
1 22	9 26.91	+23 23.2	1.153	2.112	8.0	19.3
2 1	9 17.06	+23 58.9	1.153	2.133	3.9	19.1
2 11	9 6.84	+24 22.2	1.180	2.154	5.5	19.3
2 21	8 57.89	+24 28.9	1.231	2.177	10.1	19.6
3 2	8 51.50	+24 18.2	1.305	2.200	14.4	19.9
3 12	8 48.35	+23 52.2	1.399	2.224	18.0	20.2
22572 Yuanzhang			2 5.3 264.°30	0.°9/ 5.9 18		
1 2	9 38.48	+11 39.9	1.762	2.576	14.9	19.3
1 12	9 33.66	+12 0.0	1.665	2.559	11.4	19.0
1 22	9 26.28	+12 34.0	1.590	2.541	7.2	18.8
2 1	9 16.96	+13 18.5	1.542	2.523	2.6	18.4
2 11	9 6.78	+14 8.3	1.522	2.505	2.7	18.4
2 21	8 56.98	+14 57.2	1.531	2.486	7.5	18.6
3 2	8 48.77	+15 39.9	1.566	2.467	12.1	18.9
3 12	8 43.09	+16 12.9	1.624	2.448	16.0	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
470905 2009 CX_{57}			2 5.3 282.°98	1.°2/ 4.6 16		
	h m	° ′			°	m
1 2	9 39.54	+19 52.8	2.335	3.151	11.6	21.9
1 12	9 33.81	+19 54.3	2.236	3.134	8.7	21.7
1 22	9 26.04	+19 58.7	2.163	3.117	5.3	21.5
2 1	9 16.82	+20 2.4	2.118	3.100	1.8	21.2
2 11	9 7.04	+20 2.1	2.104	3.083	2.8	21.3
2 21	8 57.67	+19 55.4	2.120	3.066	6.5	21.5
3 2	8 49.63	+19 40.9	2.164	3.048	10.0	21.6
3 12	8 43.62	+19 18.5	2.232	3.031	13.0	21.8
165878 2001 SS_{137}			2 5.3 91.°30	3.°9/ 2.4 18		
1 2	9 39.35	+27 23.7	2.315	3.140	11.4	20.2
1 12	9 33.56	+28 0.1	2.250	3.149	8.6	20.0
1 22	9 25.78	+28 34.8	2.210	3.158	5.7	19.9
2 1	9 16.69	+29 2.3	2.199	3.167	3.9	19.8
2 11	9 7.27	+29 18.3	2.217	3.176	5.0	19.9
2 21	8 58.50	+29 20.2	2.264	3.185	7.7	20.0
3 2	8 51.23	+29 7.7	2.338	3.194	10.5	20.2
3 12	8 46.09	+28 42.4	2.435	3.203	13.0	20.4
380313 2002 GQ_{26}			2 5.3 294.°61	8.°0/29.4 17		
1 2	9 40.13	+34 24.9	1.907	2.740	13.2	20.6
1 12	9 35.29	+36 2.8	1.818	2.711	10.6	20.3
1 22	9 27.50	+37 38.6	1.752	2.682	8.6	20.1
2 1	9 17.40	+39 1.5	1.714	2.652	8.1	20.1
2 11	9 6.19	+40 1.8	1.703	2.623	9.6	20.1
2 21	8 55.35	+40 33.6	1.717	2.594	12.4	20.2
3 2	8 46.36	+40 35.6	1.753	2.564	15.5	20.3
3 12	8 40.32	+40 11.2	1.809	2.534	18.2	20.4
63670 2001 QY_{131}			2 5.3 287.°80	2.°0/ 6.7 18		
1 2	9 36.38	+ 9 30.7	2.245	3.042	12.7	18.9
1 12	9 31.39	+ 9 21.8	2.158	3.039	9.7	18.7
1 22	9 24.52	+ 9 23.4	2.094	3.037	6.4	18.5
2 1	9 16.34	+ 9 33.7	2.058	3.035	3.0	18.3
2 11	9 7.71	+ 9 50.3	2.052	3.032	2.6	18.3
2 21	8 59.50	+10 9.8	2.076	3.030	5.9	18.5
3 2	8 52.57	+10 29.0	2.127	3.028	9.3	18.7
3 12	8 47.55	+10 45.2	2.202	3.026	12.4	18.9
241061 2006 SD_{177}			2 5.3 205.°35	0.°5/ 5.8 17		
1 2	9 34.49	+12 25.5	2.963	3.759	9.9	22.0
1 12	9 29.62	+12 49.3	2.868	3.754	7.5	21.8
1 22	9 23.28	+13 20.8	2.800	3.748	4.6	21.6
2 1	9 15.94	+13 57.5	2.761	3.742	1.6	21.4
2 11	9 8.23	+14 36.1	2.754	3.736	1.7	21.4
2 21	9 0.79	+15 13.5	2.777	3.729	4.8	21.6
3 2	8 54.29	+15 46.9	2.830	3.721	7.7	21.8
3 12	8 49.24	+16 14.2	2.909	3.714	10.2	21.9
430843 2005 LX_{4}			2 5.3 171.°29	0.°7/ 4.6 17		
1 2	9 34.78	+16 28.1	2.798	3.608	10.1	21.9
1 12	9 29.90	+17 7.7	2.715	3.610	7.5	21.7
1 22	9 23.47	+17 53.2	2.659	3.613	4.5	21.5
2 1	9 16.00	+18 41.1	2.632	3.615	1.4	21.3
2 11	9 8.16	+19 27.5	2.637	3.616	2.2	21.4
2 21	9 0.68	+20 8.6	2.672	3.617	5.3	21.6
3 2	8 54.23	+20 42.0	2.736	3.618	8.2	21.8
3 12	8 49.35	+21 6.0	2.825	3.619	10.7	21.9
57425 2001 SR_{22}			2 5.3 15.°79	12.°0/17.9 18		
1 2	9 29.15	−18 45.1	1.649	2.329	20.9	18.3
1 12	9 26.60	−19 2.3	1.580	2.339	18.7	18.2
1 22	9 21.83	−18 41.6	1.526	2.350	16.3	18.1
2 1	9 15.54	−17 39.0	1.490	2.363	14.0	17.9
2 11	9 8.76	−15 55.9	1.476	2.377	12.3	17.9
2 21	9 2.59	−13 39.1	1.486	2.392	12.0	17.9
3 2	8 58.01	−11 0.0	1.520	2.408	13.2	18.0
3 12	8 55.73	− 8 12.5	1.578	2.425	15.3	18.2
174775 2003 WB_{56}			2 5.3 32.°09	1.°6/ 4.5 18		
1 2	9 39.82	+18 12.9	1.506	2.341	15.9	19.8
1 12	9 34.78	+18 37.8	1.436	2.344	11.8	19.6
1 22	9 26.93	+19 10.6	1.390	2.347	7.2	19.3
2 1	9 17.13	+19 45.5	1.369	2.351	2.4	19.0
2 11	9 6.71	+20 15.8	1.375	2.355	3.8	19.1
2 21	8 57.11	+20 36.3	1.409	2.359	8.6	19.4
3 2	8 49.60	+20 44.2	1.467	2.363	13.0	19.7
3 12	8 44.99	+20 39.2	1.546	2.368	16.8	19.9
182534 2001 TM_{25}			2 5.3 127.°62	4.°6/ 2.6 18		
1 2	9 43.47	+27 45.2	1.905	2.732	13.4	20.1
1 12	9 37.04	+28 21.8	1.838	2.738	10.1	19.9
1 22	9 28.08	+28 56.2	1.795	2.744	6.8	19.7
2 1	9 17.44	+29 21.6	1.780	2.749	4.6	19.5
2 11	9 6.34	+29 32.2	1.794	2.754	5.9	19.6
2 21	8 56.07	+29 25.5	1.836	2.759	9.0	19.8
3 2	8 47.74	+29 1.7	1.904	2.764	12.3	20.0
3 12	8 42.07	+28 23.5	1.994	2.769	15.2	20.3

109777 2001 RY_{81} 2 5.3 68°.90 8°.0/31.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 44.99	+34 59.6	1.681	2.512	14.7	19.5
1 12	9 38.50	+36 11.0	1.637	2.530	11.6	19.3
1 22	9 29.05	+37 13.1	1.618	2.549	9.0	19.2
2 1	9 17.72	+37 56.0	1.624	2.568	8.0	19.2
2 11	9 6.05	+38 12.9	1.657	2.586	9.2	19.3
2 21	8 55.57	+38 2.3	1.715	2.605	11.7	19.5
3 2	8 47.52	+37 26.9	1.797	2.624	14.5	19.7
3 12	8 42.59	+36 32.2	1.898	2.642	16.9	19.9

299540 2006 DK_{58} 2 5.3 338°.28 2°.9/ 6.9 18

1 2	9 34.00	+ 7 51.9	1.219	2.052	19.0	20.6
1 12	9 31.04	+ 8 1.7	1.141	2.042	14.8	20.3
1 22	9 25.00	+ 8 34.4	1.082	2.033	9.8	20.0
2 1	9 16.64	+ 9 27.7	1.046	2.025	4.6	19.6
2 11	9 7.32	+10 34.9	1.035	2.017	3.8	19.6
2 21	8 58.64	+11 46.9	1.048	2.011	9.0	19.8
3 2	8 52.11	+12 54.6	1.085	2.005	14.3	20.1
3 12	8 48.79	+13 50.8	1.141	2.001	19.0	20.4

356939 2012 TQ_{187} 2 5.3 115°.15 5°.5/ 2.0 17

1 2	9 46.14	+26 23.1	1.544	2.378	15.6	21.0
1 12	9 39.46	+27 40.7	1.493	2.397	11.8	20.8
1 22	9 29.73	+28 58.4	1.465	2.415	7.8	20.6
2 1	9 17.98	+30 5.5	1.464	2.432	5.5	20.5
2 11	9 5.74	+30 53.0	1.491	2.449	7.1	20.6
2 21	8 54.60	+31 16.7	1.545	2.465	10.7	20.9
3 2	8 45.88	+31 16.6	1.623	2.480	14.3	21.1
3 12	8 40.37	+30 56.4	1.721	2.495	17.3	21.4

228759 2002 VC_{90} 2 5.3 163°.68 3°.3/ 3.3 18

1 2	9 42.79	+21 5.3	1.619	2.450	15.2	20.8
1 12	9 36.96	+22 5.9	1.549	2.455	11.3	20.6
1 22	9 28.27	+23 12.9	1.503	2.459	7.0	20.4
2 1	9 17.57	+24 18.1	1.484	2.462	3.5	20.1
2 11	9 6.20	+25 13.0	1.493	2.465	5.1	20.3
2 21	8 55.60	+25 51.4	1.530	2.468	9.3	20.5
3 2	8 47.08	+26 11.0	1.593	2.469	13.4	20.8
3 12	8 41.49	+26 12.5	1.676	2.470	16.9	21.0

434937 2006 TA_{125} 2 5.3 297°.15 7°.2/11.2 17

1 2	9 33.49	− 7 23.0	2.423	3.138	14.1	21.1
1 12	9 29.22	− 8 2.5	2.326	3.129	12.1	20.9
1 22	9 23.23	− 8 23.0	2.250	3.121	9.9	20.8
2 1	9 15.99	− 8 22.7	2.198	3.112	8.1	20.6
2 11	9 8.24	− 8 1.7	2.174	3.104	7.2	20.6
2 21	9 0.78	− 7 22.3	2.176	3.096	8.0	20.6
3 2	8 54.39	− 6 29.0	2.205	3.088	9.9	20.7
3 12	8 49.71	− 5 27.6	2.258	3.080	12.2	20.8

169986 2002 TB_{217} 2 5.3 49°.99 0°.1/ 5.2 18

1 2	9 36.61	+13 5.2	1.645	2.470	15.3	20.1
1 12	9 32.21	+13 52.4	1.571	2.473	11.5	19.9
1 22	9 25.32	+14 53.9	1.520	2.475	7.0	19.6
2 1	9 16.66	+16 4.0	1.495	2.478	2.1	19.3
2 11	9 7.38	+17 15.3	1.499	2.481	2.9	19.4
2 21	8 58.72	+18 20.4	1.530	2.483	7.7	19.6
3 2	8 51.82	+19 13.9	1.587	2.486	12.0	19.9
3 12	8 47.49	+19 52.7	1.667	2.489	15.7	20.1

183779 2004 BO_{20} 2 5.3 86°.83 3°.1/ 3.7 17

1 2	9 45.04	+19 59.8	1.315	2.153	17.6	20.2
1 12	9 38.79	+20 55.5	1.267	2.176	13.0	20.0
1 22	9 29.36	+21 58.2	1.241	2.198	7.9	19.7
2 1	9 17.86	+22 58.5	1.240	2.220	3.4	19.5
2 11	9 5.95	+23 47.1	1.267	2.242	5.1	19.7
2 21	8 55.29	+24 18.2	1.320	2.263	9.8	20.0
3 2	8 47.22	+24 30.2	1.397	2.284	14.2	20.3
3 12	8 42.49	+24 24.7	1.495	2.304	17.9	20.6

248857 2006 TF_{98} 2 5.3 201°.83 1°.7/ 4.2 18

1 2	9 39.66	+18 33.9	1.882	2.706	13.6	21.0
1 12	9 34.27	+19 9.9	1.802	2.705	10.2	20.8
1 22	9 26.49	+19 52.9	1.746	2.702	6.2	20.5
2 1	9 17.02	+20 37.3	1.718	2.700	2.2	20.3
2 11	9 6.94	+21 17.2	1.719	2.697	3.5	20.4
2 21	8 57.43	+21 47.7	1.749	2.694	7.7	20.6
3 2	8 49.60	+22 5.8	1.805	2.690	11.6	20.8
3 12	8 44.21	+22 10.9	1.883	2.687	14.9	21.1

392906 2012 VK_{56} 2 5.3 321°.21 3°.8/ 7.3 18

1 2	9 37.90	+ 6 50.3	1.274	2.095	19.1	21.1
1 12	9 33.84	+ 6 41.3	1.197	2.089	15.0	20.8
1 22	9 26.66	+ 6 53.6	1.138	2.084	10.2	20.5
2 1	9 17.15	+ 7 26.2	1.103	2.078	5.3	20.2
2 11	9 6.71	+ 8 14.0	1.093	2.073	4.4	20.2
2 21	8 56.95	+ 9 9.6	1.109	2.069	9.0	20.4
3 2	8 49.37	+10 5.1	1.148	2.065	14.1	20.7
3 12	8 45.00	+10 53.6	1.208	2.061	18.6	20.9

495570 2014 WJ_{416} 2 5.3 185°.76 1°.6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.57	+17 16.3	2.273	3.089	11.9	21.1
1 12	9 32.39	+18 19.9	2.190	3.089	8.8	20.8
1 22	9 25.20	+19 31.6	2.133	3.088	5.3	20.6
2 1	9 16.62	+20 46.0	2.106	3.087	1.9	20.4
2 11	9 7.49	+21 56.8	2.109	3.085	3.2	20.5
2 21	8 58.77	+22 58.4	2.142	3.083	6.8	20.7
3 2	8 51.36	+23 47.4	2.204	3.080	10.2	20.9
3 12	8 45.96	+24 22.1	2.289	3.077	13.1	21.1

312505 2009 BP_{166} 2 5.3 259°.35 2°.0/ 4.1 18

1 2	9 39.72	+18 39.2	1.725	2.554	14.5	21.2
1 12	9 34.68	+19 20.9	1.636	2.540	10.9	21.0
1 22	9 26.95	+20 11.3	1.570	2.527	6.6	20.7
2 1	9 17.23	+21 4.2	1.531	2.513	2.5	20.4
2 11	9 6.66	+21 52.4	1.521	2.499	4.0	20.5
2 21	8 56.59	+22 29.9	1.539	2.484	8.5	20.7
3 2	8 48.28	+22 53.0	1.582	2.469	12.8	20.9
3 12	8 42.67	+23 0.8	1.648	2.455	16.6	21.1

399601 2003 WL_{21} 2 5.3 122°.62 0°.0/ 5.4 18

1 2	9 38.65	+12 14.2	1.828	2.640	14.5	20.7
1 12	9 33.42	+13 4.2	1.758	2.653	10.8	20.5
1 22	9 25.91	+14 7.5	1.712	2.664	6.6	20.3
2 1	9 16.84	+15 18.7	1.694	2.676	2.1	20.0
2 11	9 7.27	+16 30.8	1.705	2.687	2.6	20.1
2 21	8 58.33	+17 37.3	1.746	2.698	7.0	20.4
3 2	8 51.05	+18 33.2	1.813	2.708	11.0	20.6
3 12	8 46.14	+19 15.8	1.904	2.718	14.4	20.9

154917 2004 SP_{22} 2 5.3 203°.10 1°.9/ 6.8 18

1 2	9 36.65	+ 8 27.4	2.336	3.126	12.4	20.6
1 12	9 31.58	+ 8 38.9	2.245	3.123	9.6	20.4
1 22	9 24.66	+ 9 2.4	2.177	3.119	6.3	20.1
2 1	9 16.45	+ 9 35.7	2.138	3.114	3.0	19.9
2 11	9 7.75	+10 15.5	2.129	3.110	2.5	19.9
2 21	8 59.42	+10 57.7	2.150	3.104	5.8	20.1
3 2	8 52.29	+11 38.2	2.200	3.099	9.2	20.3
3 12	8 47.01	+12 13.8	2.274	3.093	12.2	20.5

415433 2013 QQ_{65} 2 5.3 104°.62 2°.2/ 3.6 18

1 2	9 37.91	+20 5.7	2.078	2.902	12.5	21.0
1 12	9 32.68	+20 55.9	2.011	2.914	9.2	20.9
1 22	9 25.36	+21 51.0	1.970	2.926	5.6	20.7
2 1	9 16.65	+22 45.3	1.957	2.937	2.5	20.5
2 11	9 7.53	+23 32.9	1.974	2.948	3.8	20.6
2 21	8 59.02	+24 9.5	2.020	2.959	7.3	20.8
3 2	8 52.03	+24 32.6	2.093	2.970	10.6	21.0
3 12	8 47.21	+24 42.1	2.189	2.981	13.5	21.3

468840 2012 UZ_{58} 2 5.3 181°.86 2°.1/ 7.3 17

1 2	9 34.58	+ 7 13.3	2.753	3.534	11.0	21.9
1 12	9 29.76	+ 7 17.9	2.663	3.534	8.5	21.8
1 22	9 23.42	+ 7 33.0	2.598	3.535	5.7	21.6
2 1	9 16.05	+ 7 57.1	2.562	3.534	3.0	21.4
2 11	9 8.31	+ 8 27.7	2.556	3.534	2.5	21.3
2 21	9 0.91	+ 9 1.6	2.580	3.533	5.0	21.5
3 2	8 54.50	+ 9 35.6	2.634	3.532	7.9	21.7
3 12	8 49.62	+10 6.9	2.713	3.531	10.5	21.9

82650 2001 PG_{12} 2 5.4 77°.87 2°.4/ 7.6 18

1 2	9 33.27	+ 5 18.9	2.268	3.054	12.9	19.7
1 12	9 29.07	+ 5 51.2	2.187	3.060	10.0	19.5
1 22	9 23.12	+ 6 39.1	2.130	3.067	6.7	19.3
2 1	9 15.97	+ 7 40.0	2.100	3.073	3.5	19.1
2 11	9 8.42	+ 8 49.4	2.100	3.079	2.7	19.0
2 21	9 1.28	+10 1.9	2.130	3.085	5.7	19.2
3 2	8 55.33	+11 12.1	2.188	3.092	9.0	19.5
3 12	8 51.17	+12 15.7	2.271	3.098	11.9	19.7

52874 1998 SD_{36} 2 5.4 9°.87 5°.5/ 2.6 18

1 2	9 40.46	+24 55.1	1.154	2.012	18.1	18.5
1 12	9 36.14	+25 52.2	1.095	2.012	13.7	18.2
1 22	9 28.19	+26 52.6	1.056	2.014	8.9	17.9
2 1	9 17.64	+27 44.9	1.041	2.016	5.6	17.8
2 11	9 6.30	+28 18.6	1.051	2.019	7.5	17.9
2 21	8 56.11	+28 27.8	1.084	2.023	12.1	18.1
3 2	8 48.71	+28 12.1	1.139	2.027	16.7	18.4
3 12	8 45.04	+27 35.2	1.212	2.032	20.6	18.7

384183 2009 BC_{76} 2 5.4 3°.83 2°.8/ 4.1 18

1 2	9 41.22	+24 13.4	1.598	2.436	15.0	19.7
1 12	9 35.69	+24 2.0	1.528	2.436	11.2	19.4
1 22	9 27.42	+23 49.5	1.480	2.437	7.0	19.2
2 1	9 17.32	+23 31.2	1.459	2.438	3.2	19.0
2 11	9 6.75	+23 3.0	1.466	2.441	4.4	19.1
2 21	8 57.10	+22 23.6	1.499	2.446	8.6	19.3
3 2	8 49.56	+21 33.9	1.559	2.451	12.7	19.6
3 12	8 44.89	+20 35.9	1.640	2.457	16.2	19.8

310385 1995 SH_{43} 2 5.4 22.°60 1.°5/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.90	+16 49.9	1.272	2.119	17.5	20.3
1 12	9 32.97	+17 29.3	1.212	2.126	13.0	20.0
1 22	9 26.01	+18 20.6	1.173	2.133	7.8	19.7
2 1	9 16.93	+19 16.4	1.158	2.141	2.5	19.4
2 11	9 7.23	+20 8.1	1.169	2.149	4.0	19.6
2 21	8 58.46	+20 48.3	1.205	2.159	9.3	19.9
3 2	8 51.99	+21 12.9	1.265	2.169	14.1	20.2
3 12	8 48.66	+21 20.9	1.345	2.180	18.1	20.5

148890 2001 WO_{30} 2 5.4 159.°07 1.°6/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.38	+18 4.1	2.081	2.902	12.7	21.0
1 12	9 33.08	+18 49.6	2.005	2.906	9.4	20.7
1 22	9 25.66	+19 42.1	1.954	2.910	5.7	20.5
2 1	9 16.78	+20 36.1	1.932	2.913	2.0	20.3
2 11	9 7.40	+21 25.9	1.939	2.917	3.3	20.4
2 21	8 58.56	+22 6.7	1.976	2.920	7.1	20.6
3 2	8 51.21	+22 35.5	2.040	2.922	10.6	20.8
3 12	8 46.03	+22 51.4	2.127	2.924	13.7	21.1

492433 2014 MP_{24} 2 5.4 210.°29 1.°8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.23	+10 34.4	1.751	2.557	15.3	21.8
1 12	9 35.59	+10 31.9	1.665	2.553	11.8	21.6
1 22	9 27.39	+10 42.1	1.601	2.548	7.6	21.3
2 1	9 17.36	+11 2.7	1.565	2.543	3.2	21.0
2 11	9 6.63	+11 29.5	1.556	2.538	2.9	21.0
2 21	8 56.45	+11 57.9	1.577	2.532	7.3	21.2
3 2	8 48.00	+12 23.7	1.624	2.526	11.7	21.5
3 12	8 42.13	+12 43.5	1.694	2.519	15.4	21.7

381674 2009 BE_{79} 2 5.4 71.°71 1.°3/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.50	+11 31.0	2.170	2.973	12.8	21.0
1 12	9 32.17	+11 28.1	2.100	2.987	9.7	20.8
1 22	9 24.97	+11 34.5	2.054	3.001	6.2	20.6
2 1	9 16.54	+11 48.0	2.036	3.015	2.5	20.4
2 11	9 7.78	+12 5.4	2.048	3.030	2.3	20.4
2 21	8 59.60	+12 23.4	2.089	3.044	5.9	20.7
3 2	8 52.82	+12 39.0	2.158	3.058	9.3	20.9
3 12	8 48.01	+12 50.1	2.252	3.072	12.2	21.1

131299 2001 FE_{128} 2 5.4 314.°74 16.°9/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 58.06	+65 0.2	1.919	2.641	17.1	19.2
1 12	9 52.91	+67 52.8	1.896	2.628	16.9	19.2
1 22	9 40.77	+70 16.6	1.893	2.616	17.3	19.2
2 1	9 22.13	+71 57.7	1.907	2.604	18.0	19.2
2 11	9 0.09	+72 47.2	1.938	2.592	19.0	19.3
2 21	8 39.59	+72 44.7	1.982	2.581	20.0	19.3
3 2	8 25.02	+71 57.9	2.036	2.570	21.0	19.4
3 12	8 18.29	+70 38.1	2.099	2.559	21.9	19.5

40750 1999 TA_{7} 2 5.4 197.°83 0.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.17	+11 23.0	2.042	2.844	13.5	20.5
1 12	9 33.74	+11 48.2	1.953	2.842	10.3	20.3
1 22	9 26.12	+12 25.4	1.890	2.838	6.5	20.0
2 1	9 16.96	+13 11.4	1.853	2.834	2.3	19.8
2 11	9 7.19	+14 1.0	1.847	2.830	2.4	19.8
2 21	8 57.88	+14 49.2	1.871	2.824	6.5	20.0
3 2	8 50.01	+15 31.6	1.922	2.818	10.4	20.2
3 12	8 44.33	+16 5.2	1.998	2.812	13.8	20.4

62946 2000 VG_{30} 2 5.4 114.°86 5.°6/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.83	− 2 59.6	2.302	3.040	14.1	19.4
1 12	9 31.60	− 3 14.6	2.227	3.057	11.6	19.3
1 22	9 24.60	− 3 11.1	2.175	3.073	8.9	19.1
2 1	9 16.44	− 2 48.8	2.148	3.089	6.5	19.0
2 11	9 7.92	− 2 9.7	2.150	3.104	5.6	19.0
2 21	8 59.89	− 1 18.0	2.181	3.119	6.9	19.1
3 2	8 53.11	− 0 18.8	2.240	3.134	9.3	19.2
3 12	8 48.18	+ 0 42.4	2.324	3.148	11.8	19.4

83677 2001 TW_{46} 2 5.4 71.°26 0.°3/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.07	+15 51.3	2.223	3.037	12.2	19.7
1 12	9 31.82	+16 9.2	2.158	3.055	9.0	19.5
1 22	9 24.74	+16 33.6	2.118	3.072	5.5	19.3
2 1	9 16.47	+17 1.0	2.107	3.089	1.6	19.1
2 11	9 7.91	+17 27.4	2.125	3.106	2.3	19.2
2 21	8 59.94	+17 49.3	2.173	3.124	6.0	19.4
3 2	8 53.36	+18 4.4	2.249	3.141	9.3	19.7
3 12	8 48.73	+18 11.4	2.349	3.158	12.1	19.9

218647 2005 SW_{89} 2 5.4 154.°77 4.°5/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.57	− 0 6.7	2.325	3.078	13.6	21.3
1 12	9 31.47	− 0 4.3	2.241	3.086	11.0	21.1
1 22	9 24.57	+ 0 15.6	2.179	3.093	8.1	20.9
2 1	9 16.45	+ 0 52.3	2.145	3.099	5.4	20.8
2 11	9 7.90	+ 1 43.1	2.139	3.105	4.5	20.7
2 21	8 59.77	+ 2 43.4	2.164	3.110	6.3	20.8
3 2	8 52.85	+ 3 48.1	2.216	3.115	9.1	21.0
3 12	8 47.76	+ 4 51.9	2.294	3.119	11.9	21.2

205491 2001 QG_{266} 2 5.4 116.°86 5.°8/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.81	− 0 17.5	1.761	2.523	17.0	20.7
1 12	9 35.72	− 0 37.4	1.694	2.543	13.7	20.6
1 22	9 27.29	− 0 35.9	1.648	2.562	10.2	20.4
2 1	9 17.29	− 0 12.9	1.627	2.581	6.9	20.2
2 11	9 6.86	+ 0 28.5	1.634	2.598	5.8	20.2
2 21	8 57.14	+ 1 22.9	1.670	2.615	7.9	20.4
3 2	8 49.19	+ 2 23.7	1.732	2.632	11.2	20.6
3 12	8 43.71	+ 3 24.2	1.818	2.647	14.3	20.8

65130 2002 CD_{86} 2 5.4 179.°82 0.°5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.38	+14 2.8	2.460	3.266	11.4	20.1
1 12	9 31.35	+14 59.3	2.375	3.268	8.5	19.9
1 22	9 24.52	+16 5.4	2.316	3.269	5.1	19.7
2 1	9 16.45	+17 16.6	2.287	3.269	1.5	19.5
2 11	9 7.90	+18 27.5	2.288	3.269	2.3	19.5
2 21	8 59.71	+19 33.0	2.321	3.268	5.9	19.8
3 2	8 52.70	+20 29.1	2.382	3.267	9.2	20.0
3 12	8 47.47	+21 13.5	2.468	3.265	12.0	20.2

89628 2001 XV_{205} 2 5.4 178.°27 0.°3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.40	+12 21.5	1.887	2.695	14.3	20.3
1 12	9 34.79	+12 56.5	1.806	2.698	10.8	20.1
1 22	9 26.83	+13 44.1	1.748	2.699	6.7	19.9
2 1	9 17.19	+14 39.8	1.718	2.700	2.2	19.6
2 11	9 6.95	+15 37.7	1.718	2.700	2.5	19.6
2 21	8 57.24	+16 31.9	1.747	2.699	7.0	19.9
3 2	8 49.15	+17 17.6	1.803	2.698	11.1	20.1
3 12	8 43.46	+17 52.1	1.883	2.696	14.6	20.3

364308 2006 UO_{39} 2 5.4 139.°97 2.°1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.93	+20 2.1	2.079	2.898	12.7	21.9
1 12	9 34.92	+20 43.2	2.010	2.909	9.4	21.7
1 22	9 26.75	+21 28.9	1.965	2.920	5.7	21.5
2 1	9 17.13	+22 13.7	1.950	2.930	2.4	21.2
2 11	9 7.08	+22 52.0	1.964	2.940	3.6	21.4
2 21	8 57.67	+23 19.9	2.009	2.948	7.2	21.6
3 2	8 49.85	+23 35.2	2.080	2.957	10.7	21.8
3 12	8 44.30	+23 37.9	2.174	2.964	13.6	22.0

459702 2013 PZ_{13} 2 5.4 249.°51 0.°9/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.66	+18 19.9	2.033	2.849	13.1	21.1
1 12	9 35.69	+18 25.2	1.939	2.837	9.8	20.8
1 22	9 27.37	+18 35.4	1.870	2.824	6.0	20.6
2 1	9 17.37	+18 46.6	1.829	2.812	1.9	20.3
2 11	9 6.72	+18 54.7	1.818	2.798	2.9	20.3
2 21	8 56.55	+18 56.5	1.837	2.785	7.1	20.6
3 2	8 47.94	+18 50.0	1.883	2.771	11.0	20.8
3 12	8 41.69	+18 35.0	1.952	2.758	14.4	21.0

209618 2005 AH_{16} 2 5.4 326.°54 2.°2/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.18	+10 59.0	1.387	2.214	17.5	19.4
1 12	9 33.91	+10 44.9	1.305	2.204	13.5	19.1
1 22	9 26.66	+10 45.2	1.243	2.194	8.8	18.8
2 1	9 17.22	+10 58.1	1.206	2.185	3.8	18.5
2 11	9 6.89	+11 19.2	1.195	2.177	3.4	18.4
2 21	8 57.20	+11 43.1	1.210	2.169	8.5	18.7
3 2	8 49.56	+12 5.0	1.249	2.162	13.5	18.9
3 12	8 44.95	+12 20.6	1.309	2.155	17.8	19.2

216850 2007 UV_{128} 2 5.4 197.°79 2.°1/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.53	+ 8 18.5	2.529	3.316	11.7	20.8
1 12	9 30.61	+ 8 16.8	2.439	3.315	9.0	20.6
1 22	9 24.02	+ 8 25.5	2.374	3.314	6.0	20.4
2 1	9 16.29	+ 8 43.1	2.337	3.312	3.0	20.2
2 11	9 8.15	+ 9 6.9	2.331	3.310	2.5	20.2
2 21	9 0.38	+ 9 34.0	2.354	3.308	5.4	20.4
3 2	8 53.71	+10 1.0	2.406	3.306	8.5	20.6
3 12	8 48.72	+10 25.1	2.483	3.303	11.2	20.8

384190 2009 BT_{106} 2 5.4 17.°08 0.°9/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.45	+12 21.8	1.974	2.789	13.5	20.8
1 12	9 30.94	+12 28.9	1.897	2.791	10.2	20.6
1 22	9 24.38	+12 46.3	1.844	2.795	6.4	20.4
2 1	9 16.42	+13 11.1	1.817	2.798	2.3	20.1
2 11	9 8.00	+13 39.4	1.820	2.802	2.3	20.1
2 21	9 0.12	+14 6.8	1.851	2.807	6.4	20.4
3 2	8 53.69	+14 30.0	1.909	2.812	10.1	20.6
3 12	8 49.38	+14 46.5	1.990	2.817	13.4	20.8

341493 2007 TZ_{381} 2 5.4 327.°35 3.°2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.96	+23 10.4	2.050	2.883	12.3	20.4
1 12	9 31.46	+24 0.1	1.970	2.877	9.2	20.2
1 22	9 24.78	+24 53.2	1.916	2.870	5.8	20.0
2 1	9 16.57	+25 43.6	1.889	2.865	3.3	19.8
2 11	9 7.79	+26 25.2	1.891	2.859	4.7	19.9
2 21	8 59.53	+26 53.5	1.921	2.854	8.0	20.1
3 2	8 52.75	+27 6.4	1.977	2.849	11.4	20.3
3 12	8 48.20	+27 4.1	2.055	2.844	14.3	20.4

276252 2002 RL_{213} 2 5.4 78.°00 3.°6/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 35.16	+ 2 44.4	2.166	2.940	13.8	20.3
1 12	9 30.44	+ 2 54.6	2.097	2.959	10.9	20.1
1 22	9 23.94	+ 3 21.4	2.051	2.978	7.7	20.0
2 1	9 16.26	+ 4 3.3	2.032	2.997	4.7	19.8
2 11	9 8.25	+ 4 56.5	2.042	3.015	3.7	19.8
2 21	9 0.77	+ 5 55.9	2.081	3.034	6.0	20.0
3 2	8 54.60	+ 6 56.5	2.148	3.052	9.1	20.2
3 12	8 50.31	+ 7 53.4	2.240	3.071	11.9	20.4

169347 2001 TM_{233} 2 5.4 51.°77 3.°9/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.00	+ 4 10.4	2.141	2.920	13.8	19.7
1 12	9 31.13	+ 3 48.0	2.065	2.930	10.9	19.5
1 22	9 24.40	+ 3 39.9	2.012	2.940	7.7	19.3
2 1	9 16.41	+ 3 45.7	1.986	2.950	4.8	19.2
2 11	9 8.04	+ 4 3.1	1.988	2.960	4.1	19.1
2 21	9 0.17	+ 4 28.9	2.019	2.970	6.4	19.3
3 2	8 53.63	+ 4 58.9	2.078	2.981	9.4	19.5
3 12	8 49.04	+ 5 29.1	2.161	2.991	12.3	19.7

67821 2000 VT_{32} 2 5.4 154.°82 1.°9/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.30	+ 8 9.2	2.165	2.952	13.4	20.6
1 12	9 34.34	+ 8 27.1	2.086	2.962	10.3	20.4
1 22	9 26.37	+ 8 58.1	2.031	2.972	6.7	20.2
2 1	9 17.03	+ 9 39.5	2.004	2.980	3.1	20.0
2 11	9 7.24	+10 27.2	2.008	2.988	2.6	20.0
2 21	8 57.97	+11 16.4	2.042	2.995	6.1	20.2
3 2	8 50.12	+12 2.7	2.104	3.001	9.6	20.4
3 12	8 44.33	+12 42.6	2.192	3.006	12.7	20.6

437108 2012 UH_{113} 2 5.4 359.°01 5.°3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.24	− 1 35.3	2.269	3.023	13.8	20.9
1 12	9 29.10	− 1 48.1	2.181	3.022	11.4	20.7
1 22	9 23.20	− 1 42.9	2.115	3.022	8.7	20.5
2 1	9 16.07	− 1 19.4	2.075	3.022	6.2	20.4
2 11	9 8.48	− 0 39.5	2.062	3.022	5.3	20.3
2 21	9 1.26	+ 0 12.9	2.078	3.022	6.7	20.4
3 2	8 55.21	+ 1 12.6	2.122	3.022	9.4	20.6
3 12	8 50.95	+ 2 14.1	2.189	3.023	12.1	20.7

461829 2006 BS_{175} 2 5.4 144.°80 2.°1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.66	+22 6.7	2.214	3.032	12.1	21.4
1 12	9 35.36	+22 22.7	2.139	3.038	9.0	21.2
1 22	9 26.98	+22 40.3	2.090	3.043	5.5	21.0
2 1	9 17.21	+22 55.1	2.069	3.049	2.4	20.8
2 11	9 7.06	+23 3.1	2.079	3.054	3.5	20.9
2 21	8 57.54	+23 1.6	2.119	3.058	6.9	21.1
3 2	8 49.56	+22 49.8	2.186	3.063	10.2	21.3
3 12	8 43.78	+22 28.2	2.277	3.067	13.1	21.5

228569 2001 XV_{219} 2 5.4 295.°49 5.°9/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.41	+ 1 36.1	1.795	2.572	16.1	19.8
1 12	9 32.78	+ 0 53.7	1.698	2.558	13.2	19.6
1 22	9 25.75	+ 0 28.6	1.624	2.544	9.9	19.3
2 1	9 16.93	+ 0 22.4	1.574	2.530	6.9	19.1
2 11	9 7.32	+ 0 34.5	1.551	2.516	6.0	19.0
2 21	8 58.08	+ 1 1.6	1.555	2.502	8.3	19.1
3 2	8 50.35	+ 1 38.7	1.585	2.488	11.8	19.3
3 12	8 44.99	+ 2 19.8	1.638	2.475	15.3	19.5

430681 2003 WJ_{54} 2 5.4 52.°86 5.°3/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.10	+ 0 42.7	1.942	2.712	15.3	21.1
1 12	9 31.38	+ 0 15.7	1.870	2.724	12.4	20.9
1 22	9 24.62	+ 0 7.0	1.819	2.736	9.2	20.7
2 1	9 16.51	+ 0 16.8	1.794	2.748	6.3	20.6
2 11	9 7.97	+ 0 43.0	1.796	2.761	5.4	20.5
2 21	8 59.99	+ 1 21.5	1.827	2.773	7.3	20.7
3 2	8 53.47	+ 2 7.0	1.883	2.786	10.2	20.9
3 12	8 49.05	+ 2 54.0	1.964	2.799	13.2	21.1

453294 2008 UB_{11} 2 5.4 18.°93 4.°7/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.75	+ 5 51.0	1.031	1.868	21.4	20.8
1 12	9 31.76	+ 5 31.5	0.975	1.875	16.8	20.5
1 22	9 25.46	+ 5 37.8	0.936	1.883	11.6	20.2
2 1	9 16.85	+ 6 8.8	0.919	1.893	6.4	20.0
2 11	9 7.54	+ 6 58.5	0.925	1.904	5.2	20.0
2 21	8 59.26	+ 7 58.0	0.954	1.917	9.5	20.2
3 2	8 53.49	+ 8 57.6	1.005	1.930	14.6	20.6
3 12	8 51.12	+ 9 49.4	1.074	1.945	19.1	20.9

179052 2001 SN_{34} 2 5.4 181.°89 1.°6/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.82	+19 25.0	2.440	3.252	11.3	21.9
1 12	9 33.92	+20 2.9	2.357	3.253	8.4	21.7
1 22	9 26.10	+20 45.5	2.300	3.254	5.1	21.5
2 1	9 16.97	+21 28.2	2.273	3.254	2.0	21.3
2 11	9 7.38	+22 6.2	2.277	3.253	3.1	21.4
2 21	8 58.23	+22 35.8	2.311	3.251	6.4	21.6
3 2	8 50.39	+22 54.9	2.374	3.249	9.6	21.8
3 12	8 44.49	+23 2.8	2.461	3.246	12.4	22.0

339012 2004 GT_{74} 2 5.4 318.°94 7.°1/29.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.04	+32 31.2	1.973	2.811	12.5	20.1
1 12	9 31.98	+34 13.2	1.896	2.795	9.9	19.9
1 22	9 25.37	+35 53.5	1.844	2.779	7.8	19.7
2 1	9 16.84	+37 22.6	1.819	2.763	7.2	19.6
2 11	9 7.49	+38 31.5	1.822	2.749	8.7	19.7
2 21	8 58.60	+39 15.0	1.851	2.734	11.3	19.8
3 2	8 51.38	+39 31.6	1.903	2.720	14.2	20.0
3 12	8 46.76	+39 23.6	1.973	2.706	16.7	20.1

429032 Sebvonhoerner 2 5.4 312.°17 0.°3/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.36	+13 32.9	2.054	2.874	12.8	20.8
1 12	9 29.52	+14 22.7	1.962	2.861	9.6	20.6
1 22	9 23.64	+15 24.8	1.895	2.849	5.9	20.3
2 1	9 16.27	+16 34.6	1.855	2.837	1.8	20.0
2 11	9 8.28	+17 46.0	1.844	2.826	2.6	20.1
2 21	9 0.64	+18 52.9	1.863	2.815	6.7	20.3
3 2	8 54.31	+19 50.3	1.909	2.804	10.6	20.5
3 12	8 50.02	+20 35.0	1.977	2.793	13.9	20.7

93210 2000 SS_{126} 2 5.4 133.°99 2.°6/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.36	+ 6 48.2	1.976	2.770	14.2	20.1
1 12	9 31.65	+ 6 57.4	1.894	2.773	11.1	19.9
1 22	9 24.86	+ 7 21.9	1.836	2.775	7.4	19.7
2 1	9 16.62	+ 7 59.5	1.804	2.778	3.8	19.5
2 11	9 7.87	+ 8 46.3	1.801	2.780	3.1	19.4
2 21	8 59.61	+ 9 37.1	1.827	2.782	6.4	19.6
3 2	8 52.77	+10 26.9	1.880	2.785	10.1	19.8
3 12	8 48.06	+11 11.3	1.957	2.787	13.4	20.1

404186 2013 CK_{111} 2 5.4 311.°11 4.°0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.48	+23 33.1	1.422	2.263	16.3	21.0
1 12	9 37.20	+24 9.3	1.348	2.259	12.3	20.8
1 22	9 28.70	+24 48.9	1.297	2.254	7.8	20.5
2 1	9 17.88	+25 23.7	1.272	2.249	4.2	20.3
2 11	9 6.26	+25 45.5	1.273	2.245	5.8	20.3
2 21	8 55.51	+25 49.4	1.300	2.240	10.3	20.6
3 2	8 47.10	+25 34.6	1.351	2.236	14.7	20.8
3 12	8 41.99	+25 3.0	1.422	2.232	18.6	21.1

148568 2001 QS_{244} 2 5.4 63.°91 3.°4/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.13	+ 3 30.1	1.657	2.450	16.6	19.5
1 12	9 31.65	+ 4 3.4	1.595	2.470	13.0	19.3
1 22	9 24.90	+ 4 58.4	1.554	2.490	8.9	19.1
2 1	9 16.63	+ 6 12.0	1.539	2.511	4.8	18.9
2 11	9 7.93	+ 7 37.3	1.553	2.531	3.7	18.9
2 21	8 59.95	+ 9 6.4	1.594	2.551	7.0	19.2
3 2	8 53.68	+10 31.5	1.662	2.572	10.9	19.4
3 12	8 49.79	+11 46.7	1.754	2.592	14.4	19.7

364652 2007 TY_{161} 2 5.4 65.°52 1.°1/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.15	+11 26.6	1.447	2.269	17.1	21.2
1 12	9 34.92	+11 43.0	1.390	2.288	12.9	21.0
1 22	9 26.99	+12 14.4	1.355	2.307	8.1	20.7
2 1	9 17.28	+12 56.0	1.345	2.326	2.9	20.5
2 11	9 7.13	+13 41.6	1.363	2.345	2.9	20.5
2 21	8 57.93	+14 24.7	1.408	2.365	7.8	20.9
3 2	8 50.82	+15 0.4	1.478	2.384	12.3	21.2
3 12	8 46.55	+15 25.7	1.569	2.403	16.0	21.5

347910 2002 XP_{52} 2 5.4 79.°48 7.°9/ 8.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 53.01	+ 1 26.5	1.427	2.192	20.1	20.5
1 12	9 44.28	− 0 16.6	1.374	2.223	16.3	20.3
1 22	9 32.56	− 1 39.6	1.342	2.254	12.2	20.1
2 1	9 18.96	− 2 38.1	1.337	2.285	8.8	20.0
2 11	9 5.07	− 3 11.2	1.359	2.314	8.0	20.1
2 21	8 52.45	− 3 21.5	1.409	2.344	10.2	20.3
3 2	8 42.37	− 3 14.6	1.485	2.372	13.5	20.5
3 12	8 35.57	− 2 57.8	1.583	2.400	16.7	20.8

233892 2008 YE_{4} 2 5.4 64.°70 0.°8/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.44	+15 7.7	2.186	3.005	12.2	20.5
1 12	9 30.11	+16 0.8	2.109	3.009	9.1	20.3
1 22	9 23.87	+17 3.3	2.058	3.013	5.5	20.1
2 1	9 16.32	+18 10.3	2.034	3.017	1.7	19.9
2 11	9 8.31	+19 16.1	2.041	3.021	2.6	19.9
2 21	9 0.76	+20 15.3	2.077	3.025	6.4	20.2
3 2	8 54.50	+21 4.0	2.141	3.029	9.9	20.4
3 12	8 50.18	+21 40.1	2.228	3.034	12.8	20.6

51951 2001 QD_{222} 2 5.4 1.°38 5.°1/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.81	− 0 6.2	1.960	2.732	15.1	18.5
1 12	9 29.06	− 0 9.4	1.875	2.731	12.3	18.3
1 22	9 23.31	+ 0 7.7	1.813	2.731	9.1	18.1
2 1	9 16.16	+ 0 44.8	1.775	2.731	6.2	17.9
2 11	9 8.50	+ 1 39.1	1.764	2.731	5.1	17.8
2 21	9 1.27	+ 2 45.3	1.781	2.732	7.1	18.0
3 2	8 55.38	+ 3 57.1	1.825	2.734	10.2	18.1
3 12	8 51.51	+ 5 7.8	1.893	2.735	13.3	18.3

250120 2002 OQ_{26} 2 5.4 173°.86 0°.5/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.00	+15 21.4	2.273	3.080	12.2	22.3
1 12	9 34.15	+15 55.5	2.191	3.083	9.1	22.1
1 22	9 26.30	+16 37.6	2.134	3.086	5.5	21.8
2 1	9 17.07	+17 23.5	2.106	3.089	1.7	21.6
2 11	9 7.36	+18 8.3	2.109	3.090	2.4	21.6
2 21	8 58.13	+18 47.6	2.143	3.091	6.3	21.9
3 2	8 50.26	+19 18.4	2.205	3.091	9.8	22.1
3 12	8 44.42	+19 39.0	2.291	3.090	12.8	22.3

158552 2002 HR_{6} 2 5.4 3°.41 5°.2/ 8.7 18

1 2	9 35.22	+ 2 13.3	1.719	2.506	16.3	19.7
1 12	9 31.09	+ 1 50.1	1.639	2.505	13.2	19.4
1 22	9 24.66	+ 1 46.4	1.579	2.505	9.6	19.2
2 1	9 16.61	+ 2 2.3	1.545	2.506	6.3	19.0
2 11	9 7.96	+ 2 35.3	1.537	2.507	5.3	19.0
2 21	8 59.84	+ 3 20.7	1.556	2.508	7.7	19.1
3 2	8 53.30	+ 4 12.4	1.601	2.510	11.3	19.3
3 12	8 49.11	+ 5 4.0	1.669	2.513	14.7	19.5

192179 2007 EQ_{210} 2 5.4 234°.15 0°.7/ 5.9 18

1 2	9 38.31	+12 39.3	2.393	3.192	11.9	21.0
1 12	9 32.91	+12 52.2	2.292	3.179	9.0	20.8
1 22	9 25.59	+13 14.0	2.217	3.165	5.7	20.6
2 1	9 16.88	+13 42.0	2.170	3.151	2.0	20.3
2 11	9 7.59	+14 12.6	2.154	3.136	2.1	20.3
2 21	8 58.63	+14 42.2	2.168	3.121	5.9	20.5
3 2	8 50.85	+15 7.5	2.211	3.104	9.4	20.7
3 12	8 44.96	+15 26.3	2.279	3.088	12.5	20.9

182451 2001 SG_{50} 2 5.4 107°.49 0°.6/ 4.9 18

1 2	9 39.20	+14 55.6	2.057	2.869	13.1	20.9
1 12	9 33.59	+15 40.5	1.994	2.889	9.7	20.7
1 22	9 25.93	+16 34.3	1.956	2.909	5.8	20.5
2 1	9 16.95	+17 31.8	1.946	2.929	1.8	20.3
2 11	9 7.60	+18 27.4	1.967	2.947	2.6	20.4
2 21	8 58.89	+19 16.0	2.017	2.966	6.5	20.7
3 2	8 51.72	+19 54.3	2.095	2.984	10.1	20.9
3 12	8 46.70	+20 20.8	2.197	3.001	13.1	21.2

69867 1998 SA_{61} 2 5.4 84°.63 1°.4/ 4.4 18

1 2	9 37.40	+18 9.4	2.049	2.872	12.7	18.8
1 12	9 32.37	+18 43.4	1.977	2.879	9.4	18.6
1 22	9 25.27	+19 23.8	1.930	2.886	5.7	18.4
2 1	9 16.76	+20 5.6	1.911	2.893	2.0	18.1
2 11	9 7.81	+20 43.5	1.921	2.900	3.1	18.2
2 21	8 59.45	+21 13.3	1.961	2.907	6.9	18.5
3 2	8 52.58	+21 32.5	2.027	2.914	10.4	18.7
3 12	8 47.87	+21 40.2	2.116	2.921	13.5	18.9

169198 2001 RG_{66} 2 5.4 141°.31 3°.9/ 8.9 18

1 2	9 34.26	+ 0 58.2	2.596	3.353	12.2	20.2
1 12	9 29.62	+ 0 56.2	2.511	3.359	9.8	20.1
1 22	9 23.43	+ 1 9.0	2.449	3.365	7.2	19.9
2 1	9 16.17	+ 1 36.0	2.414	3.370	4.8	19.8
2 11	9 8.56	+ 2 14.8	2.409	3.376	4.0	19.7
2 21	9 1.30	+ 3 1.9	2.433	3.381	5.7	19.8
3 2	8 55.09	+ 3 53.2	2.486	3.386	8.2	20.0
3 12	8 50.47	+ 4 44.3	2.565	3.390	10.8	20.2

194061 2001 SS_{125} 2 5.4 221°.56 2°.7/ 7.2 18

1 2	9 40.00	+ 6 37.2	1.866	2.656	15.1	21.4
1 12	9 34.67	+ 6 51.8	1.770	2.647	11.8	21.2
1 22	9 26.91	+ 7 23.6	1.697	2.636	8.0	20.9
2 1	9 17.35	+ 8 10.5	1.650	2.625	4.0	20.6
2 11	9 7.00	+ 9 7.9	1.633	2.613	3.3	20.6
2 21	8 57.04	+10 10.1	1.645	2.600	7.1	20.8
3 2	8 48.59	+11 10.8	1.684	2.586	11.3	21.0
3 12	8 42.54	+12 4.9	1.747	2.571	15.0	21.2

88379 2001 PF_{34} 2 5.4 4°.01 8°.2/ 9.7 18

1 2	9 33.24	− 0 27.6	1.249	2.051	20.4	17.6
1 12	9 30.30	− 1 27.1	1.180	2.050	16.9	17.3
1 22	9 24.49	− 2 0.7	1.129	2.050	13.0	17.1
2 1	9 16.61	− 2 5.0	1.099	2.052	9.5	16.9
2 11	9 7.99	− 1 40.9	1.093	2.056	8.3	16.8
2 21	9 0.07	− 0 54.0	1.110	2.060	10.3	17.0
3 2	8 54.22	+ 0 7.2	1.149	2.067	14.0	17.2
3 12	8 51.34	+ 1 12.7	1.209	2.074	17.7	17.4

467898 2011 HH_{40} 2 5.4 20°.79 5°.4/31.9 18

1 2	9 37.64	+28 4.5	1.948	2.784	12.8	21.2
1 12	9 32.91	+29 24.8	1.881	2.785	9.7	21.0
1 22	9 25.78	+30 45.1	1.839	2.786	6.8	20.9
2 1	9 16.96	+31 57.0	1.825	2.788	5.4	20.8
2 11	9 7.56	+32 52.8	1.840	2.789	6.8	20.9
2 21	8 58.76	+33 28.0	1.881	2.791	9.7	21.0
3 2	8 51.66	+33 41.4	1.947	2.792	12.7	21.2
3 12	8 47.03	+33 34.6	2.034	2.794	15.4	21.4

451932 2014 LX_{18} 2 5.4 225°.97 4°.6/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.47	+23 51.6	1.541	2.379	15.5	20.8
1 12	9 37.11	+25 0.4	1.465	2.373	11.6	20.5
1 22	9 28.65	+26 14.3	1.413	2.367	7.5	20.3
2 1	9 17.92	+27 23.7	1.387	2.361	4.7	20.1
2 11	9 6.30	+28 19.0	1.388	2.354	6.4	20.2
2 21	8 55.39	+28 53.6	1.416	2.347	10.5	20.4
3 2	8 46.65	+29 5.3	1.469	2.339	14.7	20.6
3 12	8 41.06	+28 55.9	1.541	2.331	18.3	20.8

241685 2000 RW_{87} 2 5.4 200°.05 0°.4/ 5.7 18

1 2	9 39.13	+13 47.2	2.307	3.110	12.2	21.3
1 12	9 33.50	+13 59.1	2.218	3.107	9.2	21.1
1 22	9 25.92	+14 19.1	2.153	3.103	5.7	20.9
2 1	9 16.98	+14 44.2	2.117	3.099	1.9	20.6
2 11	9 7.54	+15 10.6	2.112	3.094	2.1	20.6
2 21	8 58.52	+15 34.9	2.137	3.089	6.0	20.9
3 2	8 50.80	+15 54.0	2.191	3.083	9.5	21.1
3 12	8 45.05	+16 6.2	2.268	3.077	12.5	21.3

292721 2006 UL_{138} 2 5.4 67°.74 1°.0/ 5.9 18

1 2	9 39.68	+12 36.8	1.665	2.482	15.5	20.2
1 12	9 34.41	+12 39.3	1.594	2.490	11.7	20.0
1 22	9 26.66	+12 53.3	1.547	2.498	7.3	19.8
2 1	9 17.22	+13 15.5	1.526	2.507	2.7	19.5
2 11	9 7.27	+13 41.1	1.533	2.515	2.7	19.5
2 21	8 58.05	+14 5.6	1.568	2.524	7.3	19.8
3 2	8 50.66	+14 25.0	1.629	2.532	11.5	20.1
3 12	8 45.86	+14 37.1	1.712	2.541	15.1	20.3

225389 1999 UK_{21} 2 5.4 75°.33 2°.0/ 6.4 18

1 2	9 40.88	+ 9 47.1	1.295	2.118	18.7	20.5
1 12	9 35.83	+ 9 58.8	1.234	2.131	14.3	20.3
1 22	9 27.75	+10 28.9	1.193	2.144	9.1	20.1
2 1	9 17.58	+11 13.4	1.177	2.157	3.8	19.8
2 11	9 6.82	+12 5.4	1.187	2.170	3.3	19.8
2 21	8 57.02	+12 57.1	1.224	2.183	8.5	20.1
3 2	8 49.54	+13 42.3	1.285	2.196	13.4	20.4
3 12	8 45.20	+14 16.7	1.367	2.209	17.5	20.7

517575 2014 UW_{92} 2 5.4 61°.66 2°.8/ 3.8 18

1 2	9 44.24	+21 55.3	1.647	2.476	15.1	21.0
1 12	9 37.53	+22 30.3	1.607	2.511	11.1	20.8
1 22	9 28.33	+23 7.5	1.591	2.546	6.7	20.6
2 1	9 17.65	+23 40.3	1.602	2.581	3.1	20.5
2 11	9 6.84	+24 2.8	1.642	2.616	4.4	20.7
2 21	8 57.16	+24 11.8	1.710	2.650	8.2	21.0
3 2	8 49.64	+24 7.1	1.804	2.685	11.9	21.2
3 12	8 44.85	+23 50.0	1.920	2.718	14.9	21.5

95803 2003 FX_{45} 2 5.4 191°.99 1°.4/ 4.5 18

1 2	9 41.70	+17 24.3	1.912	2.729	13.7	20.3
1 12	9 35.84	+18 4.1	1.830	2.728	10.3	20.0
1 22	9 27.55	+18 52.2	1.771	2.726	6.2	19.8
2 1	9 17.52	+19 43.0	1.741	2.723	2.1	19.5
2 11	9 6.85	+20 30.1	1.741	2.720	3.3	19.6
2 21	8 56.73	+21 8.3	1.770	2.716	7.6	19.9
3 2	8 48.27	+21 34.4	1.826	2.711	11.5	20.1
3 12	8 42.27	+21 47.3	1.905	2.705	14.9	20.3

312559 2009 GH_{2} 2 5.4 305°.07 9°.8/ 3.1 18

1 2	9 58.70	+35 54.5	1.077	1.915	20.6	19.8
1 12	9 50.78	+36 13.0	1.007	1.906	16.6	19.5
1 22	9 37.66	+36 16.0	0.957	1.896	12.5	19.2
2 1	9 20.78	+35 48.2	0.929	1.887	9.9	19.1
2 11	9 2.85	+34 39.5	0.925	1.878	11.1	19.1
2 21	8 46.85	+32 51.2	0.946	1.870	15.2	19.3
3 2	8 35.07	+30 34.0	0.988	1.862	19.9	19.5
3 12	8 28.50	+28 2.0	1.048	1.854	24.1	19.8

446320 2014 FK_{36} 2 5.4 132°.04 7°.0/ 1.2 18

1 2	9 45.24	+29 44.4	1.486	2.325	15.9	21.0
1 12	9 39.22	+31 6.0	1.428	2.331	12.2	20.7
1 22	9 29.90	+32 25.1	1.393	2.338	8.7	20.6
2 1	9 18.28	+33 30.3	1.384	2.344	7.0	20.5
2 11	9 5.97	+34 11.7	1.401	2.350	8.6	20.6
2 21	8 54.70	+34 24.9	1.445	2.355	12.0	20.8
3 2	8 45.97	+34 10.9	1.511	2.360	15.5	21.0
3 12	8 40.64	+33 34.6	1.596	2.365	18.6	21.2

218169 2002 SM_{16} 2 5.4 38°.06 0°.1/ 5.5 18

1 2	9 43.21	+16 55.7	1.636	2.459	15.4	19.8
1 12	9 36.79	+16 28.5	1.583	2.483	11.5	19.6
1 22	9 27.92	+16 7.1	1.554	2.508	7.0	19.4
2 1	9 17.56	+15 48.7	1.551	2.534	2.2	19.1
2 11	9 6.99	+15 30.5	1.577	2.560	2.7	19.2
2 21	8 57.47	+15 10.4	1.632	2.586	7.2	19.6
3 2	8 50.00	+14 47.4	1.713	2.613	11.2	19.8
3 12	8 45.19	+14 20.9	1.816	2.641	14.5	20.1

294142 2007 TT_{303} 2 5.4 57.°55 0.°4/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.01	+17 6.3	2.043	2.859	13.0	20.5
1 12	9 34.14	+17 4.9	1.981	2.878	9.7	20.3
1 22	9 26.24	+17 8.7	1.943	2.897	5.9	20.1
2 1	9 17.07	+17 14.6	1.934	2.916	1.8	19.9
2 11	9 7.62	+17 18.9	1.954	2.936	2.4	20.0
2 21	8 58.90	+17 19.2	2.004	2.955	6.4	20.3
3 2	8 51.77	+17 13.7	2.081	2.975	9.9	20.5
3 12	8 46.83	+17 1.9	2.182	2.994	12.9	20.7

489237 2006 QN_{133} 2 5.4 190.°56 2.°7/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.94	+ 4 50.7	2.286	3.061	13.1	23.3
1 12	9 32.65	+ 5 14.3	2.194	3.060	10.3	23.1
1 22	9 25.44	+ 5 53.6	2.125	3.058	7.0	22.9
2 1	9 16.87	+ 6 46.6	2.084	3.055	3.8	22.7
2 11	9 7.77	+ 7 49.3	2.074	3.051	3.0	22.6
2 21	8 59.03	+ 8 56.5	2.093	3.047	5.9	22.8
3 2	8 51.52	+10 2.9	2.142	3.042	9.4	23.0
3 12	8 45.91	+11 4.0	2.217	3.036	12.4	23.2

144842 2004 JF_{37} 2 5.4 174.°54 1.°0/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.77	+18 25.4	2.876	3.687	9.8	20.7
1 12	9 30.67	+18 50.8	2.793	3.689	7.3	20.5
1 22	9 24.05	+19 20.2	2.736	3.690	4.4	20.3
2 1	9 16.41	+19 50.4	2.710	3.691	1.5	20.1
2 11	9 8.42	+20 18.1	2.714	3.692	2.3	20.2
2 21	9 0.80	+20 40.2	2.749	3.693	5.3	20.4
3 2	8 54.22	+20 55.1	2.812	3.693	8.1	20.5
3 12	8 49.19	+21 1.7	2.901	3.693	10.5	20.7

503886 2001 SM_{243} 2 5.4 196.°40 4.°8/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.54	− 8 12.3	3.749	4.430	10.0	24.0
1 12	9 28.73	− 8 12.9	3.643	4.426	8.5	23.9
1 22	9 22.76	− 7 59.2	3.560	4.420	6.9	23.8
2 1	9 16.01	− 7 30.9	3.505	4.415	5.5	23.7
2 11	9 8.94	− 6 49.1	3.479	4.408	4.8	23.6
2 21	9 2.07	− 5 56.0	3.483	4.401	5.4	23.7
3 2	8 55.90	− 4 54.8	3.517	4.393	6.8	23.8
3 12	8 50.83	− 3 49.4	3.578	4.384	8.4	23.9

518704 2009 AF_{52} 2 5.4 74.°02 2.°7/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.91	+ 7 23.6	2.239	3.027	13.0	21.1
1 12	9 31.80	+ 7 8.0	2.159	3.034	10.1	20.9
1 22	9 24.86	+ 7 4.1	2.104	3.041	6.8	20.7
2 1	9 16.68	+ 7 10.8	2.076	3.047	3.7	20.6
2 11	9 8.11	+ 7 25.5	2.077	3.054	3.1	20.5
2 21	9 0.01	+ 7 45.2	2.108	3.061	5.9	20.7
3 2	8 53.21	+ 8 6.6	2.166	3.068	9.1	20.9
3 12	8 48.30	+ 8 26.4	2.249	3.075	12.1	21.1

30494 2000 QD_{67} 2 5.4 306.°36 8.°6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.81	+41 17.5	2.142	2.951	12.8	18.2
1 12	9 39.18	+42 9.3	2.065	2.935	10.7	18.0
1 22	9 29.70	+42 49.7	2.012	2.918	9.1	17.9
2 1	9 18.23	+43 10.0	1.985	2.902	8.6	17.8
2 11	9 6.14	+43 4.1	1.985	2.886	9.7	17.8
2 21	8 54.86	+42 30.3	2.011	2.870	11.7	17.9
3 2	8 45.69	+41 30.8	2.060	2.854	14.0	18.0
3 12	8 39.45	+40 11.1	2.129	2.839	16.3	18.2

259265 2003 CN_{13} 2 5.4 353.°12 3.°9/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.90	+20 7.9	1.515	2.362	15.2	19.3
1 12	9 31.40	+21 48.6	1.445	2.359	11.3	19.1
1 22	9 25.15	+23 40.6	1.398	2.356	7.0	18.8
2 1	9 16.87	+25 33.4	1.377	2.354	4.0	18.6
2 11	9 7.80	+27 15.5	1.384	2.353	6.0	18.7
2 21	8 59.34	+28 37.7	1.418	2.352	10.2	19.0
3 2	8 52.79	+29 35.1	1.476	2.352	14.3	19.2
3 12	8 49.08	+30 7.3	1.553	2.352	17.8	19.4

343097 2009 DN_{41} 2 5.4 65.°83 2.°1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.51	+21 31.7	2.212	3.035	11.9	20.5
1 12	9 33.06	+21 52.5	2.141	3.043	8.8	20.3
1 22	9 25.64	+22 15.7	2.096	3.051	5.4	20.1
2 1	9 16.92	+22 37.0	2.079	3.059	2.4	19.9
2 11	9 7.83	+22 52.2	2.092	3.067	3.4	20.0
2 21	8 59.35	+22 58.3	2.134	3.075	6.8	20.2
3 2	8 52.32	+22 54.1	2.203	3.083	10.0	20.4
3 12	8 47.38	+22 39.9	2.296	3.092	12.8	20.6

56891 2000 QH_{139} 2 5.4 302.°07 6.°3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.41	+31 15.9	1.758	2.590	14.1	18.1
1 12	9 37.58	+31 59.8	1.680	2.579	11.0	17.9
1 22	9 28.82	+32 39.3	1.626	2.569	7.9	17.7
2 1	9 17.99	+33 5.9	1.598	2.558	6.3	17.5
2 11	9 6.44	+33 12.6	1.597	2.547	7.6	17.6
2 21	8 55.66	+32 56.3	1.623	2.537	10.7	17.7
3 2	8 47.00	+32 17.9	1.674	2.527	14.1	17.9
3 12	8 41.32	+31 21.3	1.745	2.517	17.2	18.1

381955 2010 EO_{45} 2 5.4 4.°27 1.°7/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 31.98	+ 7 58.4	1.644	2.461	15.6	20.1
1 12	9 28.82	+ 8 39.5	1.567	2.461	12.0	19.9
1 22	9 23.36	+ 9 40.0	1.513	2.462	7.8	19.6
2 1	9 16.28	+10 55.6	1.484	2.463	3.3	19.3
2 11	9 8.61	+12 19.6	1.483	2.465	2.7	19.3
2 21	9 1.47	+13 43.8	1.509	2.469	7.1	19.6
3 2	8 55.92	+15 0.9	1.561	2.473	11.4	19.8
3 12	8 52.73	+16 5.5	1.636	2.477	15.1	20.1

381986 2010 HZ_{19} 2 5.4 168.°15 3.°3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.51	+23 55.3	2.549	3.374	10.5	20.9
1 12	9 30.81	+25 11.5	2.474	3.375	7.8	20.8
1 22	9 24.31	+26 30.6	2.425	3.377	5.0	20.6
2 1	9 16.55	+27 46.5	2.407	3.378	3.3	20.5
2 11	9 8.32	+28 53.2	2.419	3.379	4.6	20.6
2 21	9 0.47	+29 46.6	2.461	3.380	7.2	20.7
3 2	8 53.80	+30 24.2	2.530	3.381	10.0	20.9
3 12	8 48.95	+30 46.0	2.622	3.382	12.3	21.1

256157 2006 VX_{48} 2 5.4 160.°50 2.°4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.91	+21 35.4	2.418	3.232	11.3	22.1
1 12	9 34.76	+22 23.4	2.343	3.240	8.4	21.9
1 22	9 26.67	+23 14.6	2.295	3.248	5.2	21.7
2 1	9 17.27	+24 3.7	2.277	3.255	2.6	21.5
2 11	9 7.44	+24 45.6	2.290	3.261	3.7	21.6
2 21	8 58.12	+25 16.5	2.333	3.266	6.8	21.8
3 2	8 50.18	+25 34.6	2.404	3.271	9.8	22.0
3 12	8 44.24	+25 40.1	2.499	3.274	12.5	22.2

367516 2009 OT_{20} 2 5.4 230.°74 1.°0/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.68	+16 25.1	2.181	2.995	12.4	22.0
1 12	9 33.46	+17 8.8	2.086	2.983	9.3	21.8
1 22	9 26.08	+18 1.3	2.016	2.970	5.6	21.5
2 1	9 17.15	+18 57.8	1.975	2.957	1.8	21.3
2 11	9 7.55	+19 52.8	1.964	2.943	2.9	21.3
2 21	8 58.30	+20 40.9	1.983	2.929	6.8	21.5
3 2	8 50.38	+21 18.6	2.029	2.914	10.6	21.7
3 12	8 44.57	+21 43.9	2.100	2.898	13.8	21.9

413187 2002 RO_{282} 2 5.4 228.°21 4.°4/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.85	+ 2 11.0	2.156	2.921	14.2	22.2
1 12	9 33.54	+ 1 58.7	2.054	2.909	11.4	22.0
1 22	9 26.12	+ 2 2.7	1.975	2.896	8.3	21.8
2 1	9 17.16	+ 2 23.0	1.923	2.883	5.4	21.6
2 11	9 7.53	+ 2 57.5	1.900	2.869	4.5	21.5
2 21	8 58.19	+ 3 42.3	1.906	2.854	6.9	21.6
3 2	8 50.13	+ 4 32.7	1.940	2.839	10.2	21.8
3 12	8 44.11	+ 5 23.2	1.998	2.823	13.4	21.9

323461 2004 JZ_{26} 2 5.4 214.°36 5.°1/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.29	+30 36.9	2.508	3.327	10.8	21.6
1 12	9 35.31	+31 48.6	2.426	3.318	8.4	21.4
1 22	9 27.17	+32 58.6	2.371	3.308	6.1	21.2
2 1	9 17.48	+33 59.9	2.344	3.298	5.1	21.2
2 11	9 7.17	+34 46.5	2.348	3.287	6.3	21.2
2 21	8 57.27	+35 14.5	2.380	3.275	8.7	21.4
3 2	8 48.77	+35 23.2	2.439	3.262	11.2	21.5
3 12	8 42.39	+35 14.2	2.520	3.249	13.6	21.6

523511 2017 NT_{2} 2 5.4 145.°55 0.°4/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.92	+14 9.4	2.466	3.269	11.5	21.4
1 12	9 32.45	+14 11.6	2.384	3.274	8.6	21.3
1 22	9 25.22	+14 20.3	2.328	3.278	5.3	21.1
2 1	9 16.83	+14 33.3	2.300	3.282	1.8	20.8
2 11	9 8.07	+14 47.4	2.303	3.286	2.0	20.8
2 21	8 59.76	+14 59.9	2.337	3.289	5.5	21.1
3 2	8 52.68	+15 8.5	2.399	3.293	8.7	21.3
3 12	8 47.40	+15 11.8	2.486	3.296	11.5	21.5

303338 2004 TB_{173} 2 5.4 189.°47 2.°8/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.55	+ 6 56.0	2.095	2.877	14.0	21.4
1 12	9 35.50	+ 6 53.3	2.005	2.876	10.9	21.2
1 22	9 27.28	+ 7 4.2	1.938	2.874	7.4	21.0
2 1	9 17.53	+ 7 27.1	1.899	2.872	3.9	20.7
2 11	9 7.18	+ 7 58.9	1.890	2.868	3.2	20.7
2 21	8 57.28	+ 8 35.4	1.911	2.864	6.5	20.9
3 2	8 48.80	+ 9 12.3	1.961	2.859	10.2	21.1
3 12	8 42.50	+ 9 45.8	2.034	2.853	13.4	21.3

233852 2008 UC_{364} 2 5.4 83.°84 3.°9/ 2.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.61	+27 15.7	2.108	2.931	12.4	20.0
1 12	9 36.20	+27 42.1	2.046	2.945	9.3	19.8
1 22	9 27.59	+28 6.4	2.009	2.958	6.2	19.6
2 1	9 17.57	+28 22.7	2.000	2.971	4.0	19.5
2 11	9 7.23	+28 26.8	2.021	2.984	5.1	19.6
2 21	8 57.69	+28 16.4	2.071	2.997	8.0	19.8
3 2	8 49.88	+27 51.9	2.147	3.009	11.0	20.0
3 12	8 44.43	+27 15.4	2.246	3.022	13.7	20.2

4396 Gressmann 2 5.4 202.°59 2.°3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 43.05	+19 23.9	1.816	2.637	14.2	17.9
1 12	9 37.08	+20 10.9	1.732	2.633	10.6	17.7
1 22	9 28.47	+21 5.3	1.673	2.628	6.5	17.4
2 1	9 17.94	+22 0.4	1.642	2.622	2.7	17.2
2 11	9 6.66	+22 49.2	1.640	2.616	4.1	17.2
2 21	8 55.95	+23 25.9	1.667	2.609	8.3	17.5
3 2	8 47.03	+23 47.5	1.721	2.600	12.4	17.7
3 12	8 40.77	+23 53.9	1.796	2.592	15.9	17.9

443898 2001 YO_{92} 2 5.4 94.°94 1.°5/ 4.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.21	+17 4.1	1.603	2.425	15.7	21.7
1 12	9 37.75	+17 49.8	1.551	2.452	11.6	21.5
1 22	9 28.67	+18 43.9	1.523	2.478	7.0	21.3
2 1	9 17.92	+19 39.5	1.522	2.504	2.3	21.1
2 11	9 6.82	+20 29.2	1.549	2.529	3.6	21.2
2 21	8 56.71	+21 7.7	1.606	2.553	8.1	21.5
3 2	8 48.72	+21 32.1	1.688	2.576	12.1	21.8
3 12	8 43.53	+21 42.4	1.793	2.599	15.4	22.1

266096 2006 ST_{67} 2 5.4 52.°73 5.°5/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.84	− 0 21.0	1.493	2.278	18.5	20.7
1 12	9 31.72	− 0 9.6	1.431	2.295	14.9	20.5
1 22	9 25.12	+ 0 28.5	1.388	2.312	10.8	20.3
2 1	9 16.85	+ 1 31.9	1.370	2.330	7.0	20.1
2 11	9 8.10	+ 2 54.8	1.377	2.349	5.5	20.1
2 21	9 0.09	+ 4 28.5	1.412	2.367	8.0	20.3
3 2	8 53.93	+ 6 3.7	1.472	2.386	11.8	20.5
3 12	8 50.35	+ 7 31.9	1.555	2.405	15.3	20.8

212677 2006 VE_{45} 2 5.4 203.°71 1.°1/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.90	+10 28.7	2.863	3.654	10.4	21.4
1 12	9 30.07	+10 42.0	2.769	3.650	7.9	21.2
1 22	9 23.74	+11 3.8	2.701	3.646	5.1	21.0
2 1	9 16.39	+11 32.2	2.663	3.641	2.1	20.8
2 11	9 8.66	+12 4.2	2.655	3.636	1.9	20.8
2 21	9 1.23	+12 37.0	2.677	3.631	4.8	20.9
3 2	8 54.75	+13 7.4	2.729	3.625	7.7	21.1
3 12	8 49.75	+13 33.4	2.807	3.619	10.3	21.3

74468 1999 CY_{44} 2 5.4 20.°97 2.°5/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.52	+17 47.8	1.639	2.479	14.5	18.1
1 12	9 30.02	+19 8.6	1.576	2.487	10.7	17.8
1 22	9 24.12	+20 39.8	1.537	2.496	6.5	17.6
2 1	9 16.56	+22 13.2	1.525	2.506	2.7	17.4
2 11	9 8.46	+23 39.7	1.541	2.516	4.4	17.5
2 21	9 1.00	+24 51.7	1.584	2.527	8.5	17.8
3 2	8 55.27	+25 44.8	1.653	2.539	12.4	18.1
3 12	8 52.02	+26 17.9	1.742	2.552	15.7	18.3

451018 2008 UP_{240} 2 5.4 93.°41 3.°2/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.01	+ 7 45.4	1.505	2.310	17.4	21.5
1 12	9 36.34	+ 7 31.1	1.439	2.323	13.5	21.3
1 22	9 27.97	+ 7 33.6	1.394	2.336	9.0	21.1
2 1	9 17.75	+ 7 51.1	1.374	2.349	4.6	20.8
2 11	9 7.00	+ 8 19.4	1.382	2.362	3.8	20.8
2 21	8 57.09	+ 8 53.0	1.418	2.374	7.8	21.1
3 2	8 49.21	+ 9 26.6	1.479	2.386	12.2	21.4
3 12	8 44.16	+ 9 55.7	1.562	2.398	15.9	21.6

346926 2010 AS_{2} 2 5.4 49.°25 0.°7/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.75	+16 34.5	1.183	2.026	18.9	20.8
1 12	9 37.53	+16 43.4	1.127	2.037	14.1	20.5
1 22	9 28.94	+17 3.2	1.091	2.049	8.6	20.2
2 1	9 18.08	+17 27.7	1.079	2.061	2.6	19.9
2 11	9 6.63	+17 49.7	1.092	2.074	3.7	20.0
2 21	8 56.36	+18 3.8	1.131	2.087	9.4	20.4
3 2	8 48.73	+18 6.9	1.194	2.101	14.4	20.7
3 12	8 44.57	+17 58.4	1.276	2.115	18.6	21.0

12505 1998 FN_{77} 2 5.4 148.°64 0.°0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.26	+12 39.1	1.763	2.572	15.1	18.3
1 12	9 36.32	+13 24.6	1.691	2.583	11.3	18.1
1 22	9 27.89	+14 23.4	1.642	2.594	7.0	17.9
2 1	9 17.74	+15 29.9	1.621	2.603	2.2	17.6
2 11	9 7.01	+16 37.2	1.630	2.612	2.7	17.6
2 21	8 56.95	+17 38.4	1.668	2.620	7.4	17.9
3 2	8 48.69	+18 28.8	1.733	2.627	11.5	18.2
3 12	8 43.00	+19 5.9	1.822	2.633	15.1	18.4

496080 2009 SB_{56} 2 5.4 81.°84 4.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.07	+ 1 22.7	1.984	2.752	15.1	22.3
1 12	9 32.76	+ 1 17.4	1.921	2.777	12.1	22.2
1 22	9 25.48	+ 1 30.5	1.880	2.801	8.7	22.0
2 1	9 16.93	+ 2 1.0	1.866	2.825	5.6	21.9
2 11	9 8.06	+ 2 45.5	1.880	2.849	4.6	21.8
2 21	8 59.83	+ 3 38.8	1.922	2.872	6.7	22.0
3 2	8 53.09	+ 4 35.5	1.992	2.895	9.8	22.2
3 12	8 48.44	+ 5 30.1	2.087	2.918	12.7	22.5

297489 2000 UL_{57} 2 5.4 124.°81 2.°6/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.05	+ 7 55.1	1.751	2.549	15.7	20.9
1 12	9 35.35	+ 7 55.9	1.680	2.560	12.1	20.7
1 22	9 27.25	+ 8 12.0	1.630	2.572	8.0	20.5
2 1	9 17.53	+ 8 41.0	1.607	2.583	3.9	20.3
2 11	9 7.30	+ 9 18.6	1.613	2.593	3.2	20.2
2 21	8 57.75	+ 9 59.6	1.648	2.603	7.0	20.5
3 2	8 49.95	+10 38.9	1.709	2.613	11.0	20.7
3 12	8 44.63	+11 12.7	1.794	2.622	14.5	21.0

180657 2004 GL_{36} 2 5.4 248.°84 0.°3/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.60	+15 33.1	2.081	2.893	13.0	20.9
1 12	9 34.24	+15 52.7	1.983	2.878	9.8	20.6
1 22	9 26.63	+16 20.6	1.910	2.863	6.0	20.4
2 1	9 17.37	+16 53.1	1.865	2.847	1.9	20.1
2 11	9 7.42	+17 25.5	1.849	2.831	2.6	20.1
2 21	8 57.83	+17 53.3	1.863	2.814	6.8	20.3
3 2	8 49.66	+18 13.5	1.905	2.797	10.7	20.5
3 12	8 43.69	+18 24.1	1.970	2.779	14.2	20.7

165711 2001 QY_{19} 2 5.4 147.°85 0.°7/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.80	+10 55.3	2.993	3.783	10.0	21.1
1 12	9 29.88	+11 29.3	2.912	3.793	7.5	21.0
1 22	9 23.57	+12 11.8	2.857	3.803	4.7	20.8
2 1	9 16.34	+13 0.1	2.832	3.813	1.7	20.6
2 11	9 8.79	+13 50.7	2.839	3.821	1.7	20.6
2 21	9 1.59	+14 40.1	2.877	3.830	4.6	20.8
3 2	8 55.32	+15 25.1	2.945	3.837	7.4	21.0
3 12	8 50.47	+16 3.6	3.039	3.845	9.8	21.2

42734 1998 RH_{19} 2 5.4 104.°34 0.°0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.71	+13 24.8	2.220	3.029	12.4	19.8
1 12	9 31.71	+14 5.8	2.151	3.044	9.2	19.6
1 22	9 24.85	+14 56.4	2.107	3.059	5.6	19.4
2 1	9 16.75	+15 52.3	2.091	3.073	1.7	19.2
2 11	9 8.29	+16 48.3	2.106	3.087	2.2	19.2
2 21	9 0.35	+17 39.7	2.150	3.101	6.0	19.5
3 2	8 53.75	+18 22.8	2.223	3.115	9.4	19.7
3 12	8 49.07	+18 55.6	2.319	3.128	12.3	19.9

113720 2002 TZ_{136} 2 5.4 143.°23 0.°7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.30	+17 30.4	2.285	3.100	11.9	19.9
1 12	9 32.90	+17 43.9	2.206	3.102	8.8	19.7
1 22	9 25.60	+18 2.7	2.151	3.105	5.4	19.5
2 1	9 17.00	+18 23.2	2.125	3.107	1.7	19.2
2 11	9 7.98	+18 41.6	2.129	3.110	2.5	19.3
2 21	8 59.47	+18 54.7	2.163	3.112	6.2	19.5
3 2	8 52.30	+19 0.6	2.225	3.114	9.5	19.7
3 12	8 47.11	+18 58.4	2.311	3.116	12.5	19.9

8602 Oedicnemus 2 5.4 275.°63 3.°6/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.95	+23 28.2	1.621	2.454	15.0	16.9
1 12	9 37.42	+23 59.8	1.534	2.440	11.3	16.7
1 22	9 28.89	+24 34.6	1.471	2.426	7.2	16.4
2 1	9 18.14	+25 5.4	1.434	2.411	3.8	16.2
2 11	9 6.50	+25 24.8	1.425	2.397	5.3	16.2
2 21	8 55.49	+25 28.3	1.443	2.382	9.6	16.4
3 2	8 46.52	+25 14.5	1.486	2.368	13.9	16.6
3 12	8 40.58	+24 44.9	1.550	2.353	17.6	16.8

345880 2007 RQ_{27} 2 5.4 177.°44 1.°3/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.10	+19 22.8	2.422	3.236	11.3	21.4
1 12	9 33.43	+19 38.9	2.340	3.237	8.4	21.2
1 22	9 25.89	+19 58.7	2.284	3.238	5.1	21.0
2 1	9 17.09	+20 18.5	2.257	3.238	1.8	20.7
2 11	9 7.89	+20 34.5	2.260	3.238	2.7	20.8
2 21	8 59.16	+20 43.9	2.294	3.238	6.1	21.0
3 2	8 51.74	+20 45.0	2.355	3.238	9.4	21.2
3 12	8 46.23	+20 37.5	2.441	3.237	12.1	21.4

416653 2004 TO_{159} 2 5.4 116.°86 4.°7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.60	+28 43.8	2.160	2.984	12.1	21.1
1 12	9 35.54	+29 35.6	2.098	2.996	9.2	20.9
1 22	9 27.26	+30 25.0	2.062	3.007	6.3	20.7
2 1	9 17.52	+31 5.4	2.055	3.018	4.7	20.7
2 11	9 7.39	+31 31.2	2.076	3.029	5.9	20.8
2 21	8 57.97	+31 39.6	2.126	3.039	8.6	20.9
3 2	8 50.23	+31 30.6	2.202	3.050	11.4	21.1
3 12	8 44.82	+31 6.3	2.300	3.059	13.9	21.3

142708 2002 TH_{260} 2 5.4 73.°36 2.°3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.86	+ 8 1.1	1.666	2.467	16.2	20.5
1 12	9 35.08	+ 8 15.7	1.614	2.498	12.3	20.4
1 22	9 26.98	+ 8 46.2	1.584	2.528	8.0	20.2
2 1	9 17.42	+ 9 29.2	1.581	2.557	3.7	20.0
2 11	9 7.57	+10 19.0	1.606	2.587	3.0	20.0
2 21	8 58.60	+11 9.8	1.659	2.616	6.9	20.3
3 2	8 51.49	+11 56.2	1.740	2.644	10.8	20.6
3 12	8 46.88	+12 34.7	1.843	2.672	14.2	20.9

272669 2005 WP_{204} 2 5.4 19.°75 1.°7/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 35.12	+16 17.2	1.701	2.534	14.5	20.1
1 12	9 31.19	+17 23.9	1.630	2.537	10.7	19.9
1 22	9 24.86	+18 42.1	1.583	2.540	6.5	19.6
2 1	9 16.84	+20 5.0	1.562	2.544	2.3	19.4
2 11	9 8.22	+21 24.2	1.570	2.548	3.7	19.5
2 21	9 0.19	+22 32.4	1.606	2.553	8.0	19.7
3 2	8 53.84	+23 24.8	1.667	2.558	12.1	20.0
3 12	8 49.94	+23 59.5	1.750	2.563	15.5	20.2

416079 2002 NJ_{76} 2 5.4 207.°40 2.°7/ 7.2 17

1 2	9 39.15	+ 7 17.3	1.944	2.736	14.5	22.0
1 12	9 33.91	+ 7 17.9	1.855	2.732	11.3	21.8
1 22	9 26.42	+ 7 33.1	1.788	2.728	7.6	21.6
2 1	9 17.32	+ 8 1.3	1.749	2.723	3.9	21.3
2 11	9 7.59	+ 8 38.7	1.739	2.718	3.2	21.3
2 21	8 58.31	+ 9 20.8	1.758	2.713	6.7	21.5
3 2	8 50.51	+10 2.6	1.804	2.707	10.6	21.7
3 12	8 44.96	+10 40.0	1.873	2.700	14.1	21.9

298870 2004 RQ_{334} 2 5.4 94.°83 3.°0/ 3.6 18

1 2	9 42.08	+20 5.1	1.513	2.348	15.9	20.7
1 12	9 36.54	+21 4.4	1.455	2.362	11.7	20.5
1 22	9 28.15	+22 10.7	1.420	2.377	7.2	20.3
2 1	9 17.85	+23 15.6	1.412	2.391	3.3	20.1
2 11	9 7.02	+24 10.5	1.431	2.405	4.8	20.2
2 21	8 57.11	+24 49.4	1.478	2.419	9.2	20.5
3 2	8 49.37	+25 9.9	1.549	2.433	13.3	20.8
3 12	8 44.58	+25 12.7	1.642	2.446	16.7	21.0

204536 2005 ET_{139} 2 5.4 270.°86 1.°4/ 4.3 17

1 2	9 36.17	+18 19.3	2.240	3.061	11.9	20.4
1 12	9 31.51	+18 55.9	2.152	3.053	8.8	20.2
1 22	9 24.86	+19 38.8	2.090	3.045	5.4	20.0
2 1	9 16.82	+20 23.6	2.056	3.038	1.9	19.7
2 11	9 8.25	+21 5.1	2.052	3.030	3.0	19.8
2 21	9 0.08	+21 39.2	2.077	3.022	6.7	20.0
3 2	8 53.21	+22 3.0	2.129	3.014	10.1	20.2
3 12	8 48.31	+22 15.2	2.205	3.006	13.1	20.4

464220 2015 BK_{221} 2 5.4 244.°79 0.°1/ 5.4 17

1 2	9 39.67	+15 49.9	2.217	3.026	12.4	21.6
1 12	9 34.10	+15 55.2	2.122	3.016	9.3	21.4
1 22	9 26.46	+16 6.8	2.053	3.005	5.7	21.1
2 1	9 17.33	+16 21.9	2.012	2.994	1.8	20.8
2 11	9 7.63	+16 36.7	2.001	2.983	2.3	20.8
2 21	8 58.35	+16 48.0	2.020	2.971	6.3	21.1
3 2	8 50.42	+16 53.4	2.067	2.959	10.0	21.3
3 12	8 44.56	+16 51.7	2.138	2.947	13.2	21.5

210257 2007 RK_{285} 2 5.4 0.°54 0.°0/ 5.3 18

1 2	9 36.49	+13 33.9	1.285	2.126	17.7	20.0
1 12	9 32.85	+14 1.2	1.215	2.124	13.4	19.7
1 22	9 26.18	+14 44.3	1.166	2.123	8.3	19.4
2 1	9 17.31	+15 37.7	1.140	2.123	2.6	19.1
2 11	9 7.66	+16 33.3	1.141	2.124	3.2	19.1
2 21	8 58.79	+17 23.3	1.167	2.125	8.9	19.5
3 2	8 52.09	+18 1.8	1.216	2.127	13.9	19.8
3 12	8 48.51	+18 25.5	1.285	2.130	18.2	20.0

4830 Thomascooley 2 5.4 297.°68 1.°3/ 4.6 18

1 2	9 37.37	+15 19.2	1.515	2.348	15.9	16.7
1 12	9 33.26	+16 14.6	1.434	2.341	11.9	16.5
1 22	9 26.35	+17 24.4	1.376	2.334	7.3	16.2
2 1	9 17.38	+18 41.9	1.344	2.327	2.3	15.8
2 11	9 7.55	+19 58.1	1.339	2.320	3.7	15.9
2 21	8 58.29	+21 4.8	1.362	2.313	8.8	16.2
3 2	8 50.92	+21 56.0	1.409	2.306	13.4	16.4
3 12	8 46.40	+22 29.2	1.477	2.300	17.4	16.7

241135 2007 QO_{7} 2 5.4 176.°18 1.°0/ 6.2 18

1 2	9 40.59	+11 2.6	1.982	2.783	14.0	21.8
1 12	9 34.91	+11 25.2	1.899	2.786	10.6	21.6
1 22	9 26.99	+12 0.1	1.840	2.788	6.7	21.4
2 1	9 17.50	+12 44.0	1.809	2.789	2.5	21.1
2 11	9 7.44	+13 31.9	1.808	2.790	2.4	21.1
2 21	8 57.89	+14 18.5	1.836	2.790	6.6	21.3
3 2	8 49.87	+14 59.4	1.892	2.789	10.5	21.6
3 12	8 44.11	+15 31.8	1.972	2.787	13.9	21.8

229242 2004 XV_{119} 2 5.4 13.°99 0.°6/ 5.0 18

1 2	9 35.69	+15 18.5	1.726	2.555	14.5	20.4
1 12	9 31.53	+15 50.5	1.654	2.558	10.8	20.2
1 22	9 25.02	+16 32.8	1.604	2.561	6.6	20.0
2 1	9 16.90	+17 20.7	1.581	2.564	2.0	19.7
2 11	9 8.22	+18 7.8	1.586	2.568	2.9	19.7
2 21	9 0.16	+18 48.6	1.619	2.572	7.4	20.0
3 2	8 53.76	+19 19.2	1.678	2.577	11.5	20.3
3 12	8 49.77	+19 37.5	1.758	2.583	15.0	20.5

259333 2003 FC_{111} 2 5.4 333.°17 8.°5/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 31.93	− 5 14.0	1.507	2.275	19.1	19.8
1 12	9 29.15	− 5 39.9	1.417	2.260	16.2	19.6
1 22	9 23.84	− 5 36.7	1.345	2.247	13.0	19.4
2 1	9 16.60	− 5 1.2	1.294	2.234	9.9	19.2
2 11	9 8.51	− 3 54.6	1.268	2.223	8.5	19.0
2 21	9 0.81	− 2 22.7	1.266	2.212	9.9	19.1
3 2	8 54.76	− 0 35.4	1.288	2.202	13.1	19.2
3 12	8 51.32	+ 1 16.0	1.333	2.193	16.7	19.4

366184 2012 HE_{9} 2 5.4 251.°36 1.°3/ 4.4 18

1 2	9 36.71	+15 46.5	1.842	2.667	13.9	20.5
1 12	9 32.29	+16 48.2	1.761	2.663	10.3	20.2
1 22	9 25.53	+18 1.6	1.703	2.659	6.3	20.0
2 1	9 17.08	+19 20.5	1.673	2.655	2.1	19.7
2 11	9 7.96	+20 37.3	1.672	2.651	3.3	19.8
2 21	8 59.31	+21 45.0	1.700	2.647	7.7	20.0
3 2	8 52.23	+22 38.7	1.754	2.643	11.7	20.2
3 12	8 47.51	+23 16.3	1.831	2.639	15.1	20.5

410453 2008 CL_{109} 2 5.4 128.°31 1.°8/ 4.3 18

1 2	9 44.10	+20 44.2	2.063	2.878	13.0	21.1
1 12	9 37.32	+20 58.7	1.994	2.891	9.6	20.9
1 22	9 28.32	+21 15.9	1.951	2.904	5.9	20.7
2 1	9 17.88	+21 31.3	1.936	2.916	2.3	20.5
2 11	9 7.07	+21 40.5	1.951	2.928	3.3	20.6
2 21	8 56.99	+21 40.8	1.996	2.939	7.0	20.9
3 2	8 48.62	+21 31.1	2.069	2.950	10.6	21.1
3 12	8 42.62	+21 12.1	2.166	2.960	13.5	21.3

363174 2001 TR_{87} 2 5.4 148.°70 4.°9/ 9.7 18

1 2	9 37.85	− 1 37.5	2.446	3.185	13.3	22.0
1 12	9 32.42	− 1 45.0	2.363	3.196	10.9	21.9
1 22	9 25.26	− 1 35.4	2.303	3.207	8.2	21.7
2 1	9 16.93	− 1 8.9	2.270	3.216	5.8	21.6
2 11	9 8.21	− 0 27.6	2.266	3.225	4.9	21.5
2 21	8 59.90	+ 0 24.5	2.292	3.234	6.4	21.6
3 2	8 52.78	+ 1 22.8	2.347	3.241	8.9	21.8
3 12	8 47.41	+ 2 22.0	2.427	3.248	11.4	22.0

419500 2010 EP_{140} 2 5.4 322.°00 2.°9/ 7.3 18

1 2	9 36.82	+ 7 40.7	2.068	2.862	13.7	20.2
1 12	9 32.04	+ 7 21.8	1.979	2.857	10.7	20.0
1 22	9 25.23	+ 7 15.0	1.913	2.851	7.3	19.8
2 1	9 16.97	+ 7 19.5	1.874	2.846	3.9	19.6
2 11	9 8.17	+ 7 32.9	1.863	2.841	3.3	19.5
2 21	8 59.79	+ 7 51.9	1.882	2.836	6.4	19.7
3 2	8 52.77	+ 8 12.9	1.927	2.832	9.9	19.9
3 12	8 47.80	+ 8 32.4	1.997	2.827	13.2	20.1

357358 2003 SK_{13} 2 5.4 179.°24 2.°4/ 3.9 18

1 2	9 42.89	+20 55.7	1.938	2.759	13.4	21.0
1 12	9 36.75	+21 31.8	1.860	2.760	10.0	20.8
1 22	9 28.17	+22 12.3	1.807	2.761	6.2	20.6
2 1	9 17.90	+22 51.3	1.782	2.762	2.7	20.3
2 11	9 7.04	+23 22.8	1.787	2.762	4.0	20.4
2 21	8 56.82	+23 42.7	1.821	2.761	7.8	20.7
3 2	8 48.32	+23 49.0	1.882	2.760	11.6	20.9
3 12	8 42.31	+23 42.2	1.965	2.758	14.8	21.1

380022 2013 QH_{3} 2 5.4 160.°01 3.°0/ 8.1 18

1 2	9 36.06	+ 3 32.2	2.307	3.079	13.1	21.9
1 12	9 31.24	+ 3 57.8	2.222	3.084	10.3	21.7
1 22	9 24.62	+ 4 39.7	2.160	3.089	7.2	21.5
2 1	9 16.76	+ 5 36.0	2.126	3.094	4.1	21.4
2 11	9 8.45	+ 6 42.7	2.121	3.097	3.2	21.3
2 21	9 0.54	+ 7 54.4	2.147	3.101	5.8	21.5
3 2	8 53.82	+ 9 5.9	2.202	3.104	9.0	21.7
3 12	8 48.92	+10 12.2	2.282	3.106	11.9	21.9

379006 2008 UY_{346} 2 5.4 12.°54 1.°0/ 6.2 18

1 2	9 34.51	+11 38.8	1.772	2.592	14.5	20.5
1 12	9 30.56	+11 53.1	1.699	2.596	11.0	20.3
1 22	9 24.40	+12 20.0	1.648	2.599	6.9	20.1
2 1	9 16.72	+12 56.1	1.623	2.604	2.6	19.8
2 11	9 8.54	+13 36.5	1.627	2.609	2.5	19.8
2 21	9 0.93	+14 16.1	1.658	2.615	6.8	20.1
3 2	8 54.89	+14 50.3	1.715	2.622	10.8	20.3
3 12	8 51.12	+15 16.0	1.795	2.629	14.3	20.6

486769 2014 GG_{46} 2 5.4 318.°05 0.°3/ 5.6 17

1 2	9 36.89	+12 41.0	1.167	2.011	18.9	21.6
1 12	9 33.62	+13 9.1	1.088	1.998	14.5	21.3
1 22	9 26.96	+13 56.7	1.028	1.986	9.1	21.0
2 1	9 17.68	+14 58.7	0.991	1.974	3.0	20.6
2 11	9 7.24	+16 6.2	0.979	1.962	3.5	20.6
2 21	8 57.43	+17 9.3	0.991	1.951	9.8	20.9
3 2	8 49.96	+18 0.0	1.026	1.941	15.5	21.1
3 12	8 46.01	+18 33.8	1.080	1.932	20.4	21.4

310956 2003 UL_{75} 2 5.4 156°.69 2°.3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.06	+ 8 19.1	1.879	2.675	14.8	21.3
1 12	9 34.58	+ 8 25.2	1.800	2.680	11.4	21.1
1 22	9 26.82	+ 8 45.6	1.743	2.685	7.5	20.9
2 1	9 17.48	+ 9 18.0	1.714	2.690	3.6	20.7
2 11	9 7.59	+ 9 58.2	1.713	2.694	2.9	20.6
2 21	8 58.26	+10 41.1	1.742	2.698	6.7	20.9
3 2	8 50.51	+11 22.0	1.798	2.701	10.7	21.1
3 12	8 45.10	+11 56.9	1.878	2.703	14.1	21.3

349037 2006 VA_{62} 2 5.4 107°.92 4°.1/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.29	+ 3 5.5	1.959	2.733	15.1	21.6
1 12	9 33.79	+ 2 57.3	1.889	2.750	11.9	21.4
1 22	9 26.22	+ 3 6.2	1.841	2.767	8.5	21.2
2 1	9 17.26	+ 3 31.3	1.819	2.783	5.2	21.1
2 11	9 7.90	+ 4 9.4	1.826	2.798	4.3	21.0
2 21	8 59.14	+ 4 55.8	1.862	2.813	6.7	21.2
3 2	8 51.90	+ 5 45.0	1.926	2.828	10.1	21.4
3 12	8 46.83	+ 6 32.2	2.013	2.843	13.1	21.7

115552 2003 UE_{71} 2 5.4 114°.79 1°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.59	+17 13.5	2.249	3.065	12.0	20.2
1 12	9 32.41	+17 44.6	2.177	3.074	8.9	20.0
1 22	9 25.33	+18 21.9	2.129	3.083	5.4	19.8
2 1	9 16.98	+19 1.2	2.110	3.092	1.7	19.6
2 11	9 8.24	+19 37.8	2.121	3.101	2.6	19.7
2 21	9 0.02	+20 8.0	2.162	3.109	6.3	19.9
3 2	8 53.16	+20 29.0	2.230	3.117	9.6	20.1
3 12	8 48.27	+20 40.0	2.323	3.125	12.5	20.3

321959 2010 UX_{13} 2 5.4 91°.90 0°.1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.23	+13 41.9	1.835	2.649	14.4	20.9
1 12	9 34.62	+14 6.6	1.773	2.668	10.8	20.8
1 22	9 26.76	+14 41.4	1.734	2.687	6.6	20.5
2 1	9 17.43	+15 22.1	1.723	2.705	2.1	20.3
2 11	9 7.72	+16 3.1	1.741	2.723	2.5	20.4
2 21	8 58.75	+16 39.7	1.788	2.741	6.8	20.7
3 2	8 51.48	+17 8.2	1.862	2.759	10.7	20.9
3 12	8 46.58	+17 26.9	1.959	2.776	13.9	21.2

202389 2005 GJ_{85} 2 5.4 336°.44 1°.5/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.19	+17 42.5	1.776	2.609	13.9	20.3
1 12	9 31.26	+18 18.9	1.693	2.600	10.4	20.1
1 22	9 24.95	+19 4.0	1.633	2.591	6.3	19.8
2 1	9 16.93	+19 52.5	1.600	2.583	2.2	19.5
2 11	9 8.26	+20 38.0	1.596	2.575	3.4	19.6
2 21	9 0.09	+21 15.1	1.618	2.568	7.8	19.8
3 2	8 53.53	+21 39.9	1.666	2.561	11.8	20.1
3 12	8 49.37	+21 51.1	1.737	2.555	15.4	20.3

360414 2002 GR_{103} 2 5.5 268°.99 4°.7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.04	+23 53.2	1.668	2.506	14.5	20.8
1 12	9 35.32	+25 12.1	1.582	2.489	10.9	20.6
1 22	9 27.71	+26 37.7	1.519	2.473	7.2	20.3
2 1	9 17.88	+28 0.6	1.484	2.456	4.7	20.1
2 11	9 7.05	+29 10.8	1.476	2.439	6.5	20.2
2 21	8 56.69	+30 1.1	1.495	2.422	10.4	20.4
3 2	8 48.20	+30 27.9	1.539	2.405	14.4	20.6
3 12	8 42.62	+30 32.2	1.603	2.387	17.9	20.7

392768 2012 TJ_{62} 2 5.5 66°.44 4°.6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.66	+ 3 43.4	1.305	2.112	19.5	20.7
1 12	9 34.31	+ 3 45.1	1.238	2.120	15.4	20.4
1 22	9 27.00	+ 4 11.9	1.190	2.128	10.8	20.2
2 1	9 17.61	+ 5 2.3	1.165	2.136	6.2	20.0
2 11	9 7.50	+ 6 10.5	1.166	2.144	4.9	19.9
2 21	8 58.19	+ 7 27.7	1.193	2.152	8.6	20.1
3 2	8 51.03	+ 8 44.7	1.245	2.161	13.3	20.4
3 12	8 46.92	+ 9 53.5	1.317	2.169	17.4	20.7

227966 2007 HM_{23} 2 5.5 221°.52 2°.8/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.38	+21 39.7	2.011	2.839	12.7	20.5
1 12	9 33.37	+22 26.5	1.934	2.838	9.5	20.3
1 22	9 26.11	+23 17.6	1.881	2.836	5.9	20.1
2 1	9 17.28	+24 7.1	1.857	2.835	2.9	19.9
2 11	9 7.89	+24 48.9	1.861	2.833	4.2	20.0
2 21	8 59.05	+25 18.4	1.894	2.831	7.8	20.2
3 2	8 51.75	+25 33.4	1.953	2.830	11.3	20.4
3 12	8 46.74	+25 33.9	2.035	2.828	14.4	20.6

302017 2000 SS_{82} 2 5.5 139°.01 0°.7/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.48	+11 0.7	1.930	2.733	14.2	21.5
1 12	9 34.81	+11 39.1	1.858	2.746	10.7	21.3
1 22	9 26.92	+12 30.7	1.809	2.758	6.7	21.1
2 1	9 17.52	+13 31.0	1.789	2.770	2.4	20.8
2 11	9 7.63	+14 34.1	1.798	2.780	2.4	20.9
2 21	8 58.34	+15 34.0	1.837	2.791	6.6	21.2
3 2	8 50.64	+16 26.0	1.904	2.800	10.5	21.4
3 12	8 45.23	+17 7.0	1.995	2.809	13.8	21.6

262520 2006 UR_{281} 2 5.5 153°.65 1°.8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.16	+ 8 34.3	2.226	3.014	13.0	22.3
1 12	9 33.58	+ 8 50.2	2.146	3.023	10.0	22.1
1 22	9 26.06	+ 9 18.5	2.090	3.031	6.5	21.9
2 1	9 17.24	+ 9 56.7	2.062	3.039	3.0	21.7
2 11	9 7.97	+10 40.8	2.065	3.046	2.5	21.7
2 21	8 59.19	+11 26.3	2.098	3.052	5.9	21.9
3 2	8 51.74	+12 9.1	2.159	3.057	9.3	22.1
3 12	8 46.26	+12 45.9	2.245	3.062	12.4	22.3

158331 2001 WF_5 2 5.5 136°.98 2°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.45	+19 54.2	1.927	2.745	13.6	21.3
1 12	9 37.07	+20 52.1	1.862	2.761	10.1	21.1
1 22	9 28.31	+21 55.6	1.822	2.776	6.2	20.9
2 1	9 17.95	+22 57.8	1.811	2.790	2.7	20.7
2 11	9 7.12	+23 51.9	1.830	2.804	4.1	20.8
2 21	8 57.00	+24 32.9	1.878	2.816	7.8	21.1
3 2	8 48.66	+24 58.4	1.954	2.827	11.4	21.3
3 12	8 42.80	+25 8.7	2.052	2.838	14.5	21.5

406505 2007 VA_{134} 2 5.5 166°.05 0°.7/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.09	+12 18.0	2.028	2.830	13.6	22.4
1 12	9 35.23	+12 37.6	1.948	2.836	10.3	22.2
1 22	9 27.17	+13 8.0	1.891	2.840	6.4	21.9
2 1	9 17.61	+13 45.6	1.863	2.844	2.3	21.7
2 11	9 7.52	+14 25.6	1.865	2.848	2.3	21.7
2 21	8 57.97	+15 3.5	1.897	2.850	6.5	22.0
3 2	8 49.94	+15 35.5	1.957	2.852	10.3	22.2
3 12	8 44.15	+15 59.1	2.041	2.853	13.6	22.4

31338 Lipperhey 2 5.5 284°.16 3°.1/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.73	+26 51.3	3.132	3.955	8.8	19.4
1 12	9 29.24	+27 35.1	3.051	3.950	6.6	19.2
1 22	9 23.30	+28 18.6	2.997	3.944	4.4	19.1
2 1	9 16.36	+28 57.7	2.972	3.939	3.1	19.0
2 11	9 9.07	+29 28.8	2.977	3.934	4.0	19.0
2 21	9 2.10	+29 49.3	3.012	3.929	6.2	19.1
3 2	8 56.09	+29 58.0	3.075	3.924	8.4	19.3
3 12	8 51.55	+29 55.1	3.161	3.919	10.5	19.4

286321 2001 WJ_{81} 2 5.5 74°.14 1°.6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.74	+ 9 39.4	1.761	2.568	15.2	21.2
1 12	9 33.57	+ 9 56.5	1.699	2.588	11.5	21.0
1 22	9 26.15	+10 27.6	1.661	2.607	7.4	20.8
2 1	9 17.27	+11 9.4	1.648	2.627	3.1	20.6
2 11	9 7.99	+11 56.6	1.665	2.647	2.6	20.6
2 21	8 59.45	+12 43.5	1.710	2.666	6.7	20.9
3 2	8 52.60	+13 25.5	1.781	2.686	10.6	21.2
3 12	8 48.12	+13 59.2	1.876	2.705	14.0	21.4

71708 2000 GT_{77} 2 5.5 248°.82 0°.2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.05	+13 41.6	2.386	3.193	11.7	20.2
1 12	9 31.30	+14 3.3	2.292	3.184	8.8	20.0
1 22	9 24.72	+14 33.5	2.223	3.175	5.4	19.8
2 1	9 16.84	+15 9.3	2.183	3.165	1.8	19.5
2 11	9 8.45	+15 46.6	2.173	3.155	2.1	19.5
2 21	9 0.40	+16 21.6	2.193	3.145	5.8	19.8
3 2	8 53.52	+16 51.0	2.241	3.135	9.2	19.9
3 12	8 48.46	+17 12.5	2.313	3.125	12.2	20.1

453050 2007 TP_{155} 2 5.5 115°.25 0°.8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.18	+12 8.6	1.840	2.645	14.7	21.7
1 12	9 36.07	+12 24.6	1.774	2.663	11.1	21.5
1 22	9 27.67	+12 51.9	1.732	2.681	6.9	21.2
2 1	9 17.74	+13 26.7	1.717	2.698	2.5	21.0
2 11	9 7.41	+14 4.0	1.732	2.714	2.5	21.0
2 21	8 57.81	+14 38.9	1.776	2.730	6.8	21.3
3 2	8 49.96	+15 7.7	1.848	2.745	10.7	21.6
3 12	8 44.52	+15 28.1	1.942	2.760	14.0	21.8

137204 1999 LX_2 2 5.5 129°.37 1°.5/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.13	+18 13.1	2.473	3.291	11.0	20.1
1 12	9 30.52	+19 4.8	2.396	3.296	8.1	20.0
1 22	9 24.18	+20 2.5	2.345	3.300	4.9	19.8
2 1	9 16.65	+21 1.5	2.324	3.305	1.9	19.6
2 11	9 8.72	+21 56.8	2.333	3.309	2.9	19.6
2 21	9 1.19	+22 44.1	2.372	3.314	6.2	19.9
3 2	8 54.84	+23 20.5	2.438	3.318	9.2	20.1
3 12	8 50.25	+23 45.0	2.529	3.322	11.9	20.2

340623 2006 QF_{115} 2 5.5 153°.98 3°.3/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.31	+ 3 31.0	2.685	3.450	11.7	20.9
1 12	9 30.44	+ 3 24.6	2.598	3.454	9.3	20.8
1 22	9 24.04	+ 3 30.7	2.536	3.459	6.6	20.6
2 1	9 16.60	+ 3 48.5	2.501	3.463	4.1	20.5
2 11	9 8.80	+ 4 16.0	2.496	3.467	3.4	20.4
2 21	9 1.34	+ 4 50.0	2.521	3.471	5.3	20.5
3 2	8 54.91	+ 5 27.2	2.575	3.474	8.0	20.7
3 12	8 50.03	+ 6 3.8	2.655	3.477	10.5	20.9

326423 2001 TT_{111} 2 5.5 55°.31 9°.1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.70	− 7 57.4	1.733	2.465	18.3	20.0
1 12	9 32.22	− 8 47.4	1.662	2.476	15.6	19.8
1 22	9 25.44	− 9 11.1	1.611	2.488	12.8	19.7
2 1	9 17.09	− 9 5.5	1.582	2.500	10.3	19.5
2 11	9 8.20	− 8 31.4	1.577	2.512	9.1	19.5
2 21	8 59.89	− 7 33.2	1.598	2.524	9.9	19.6
3 2	8 53.21	− 6 18.4	1.644	2.536	12.1	19.7
3 12	8 48.89	− 4 56.0	1.713	2.549	14.8	19.9

279201 2009 TF_{42} 2 5.5 75°.54 2°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.81	+21 33.3	1.852	2.683	13.5	20.9
1 12	9 33.78	+22 23.4	1.784	2.690	10.0	20.7
1 22	9 26.39	+23 18.1	1.741	2.696	6.2	20.4
2 1	9 17.38	+24 10.6	1.725	2.703	3.1	20.3
2 11	9 7.86	+24 54.5	1.737	2.710	4.5	20.4
2 21	8 59.00	+25 24.9	1.778	2.716	8.2	20.6
3 2	8 51.85	+25 39.8	1.845	2.723	11.8	20.8
3 12	8 47.15	+25 39.5	1.933	2.730	14.9	21.0

376703 2013 RW_{2} 2 5.5 122°.91 0°.0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.63	+12 45.8	2.087	2.897	13.0	21.5
1 12	9 31.87	+13 30.1	2.011	2.905	9.7	21.3
1 22	9 25.10	+14 25.7	1.960	2.912	6.0	21.1
2 1	9 16.97	+15 28.1	1.937	2.919	1.9	20.8
2 11	9 8.36	+16 31.6	1.944	2.926	2.3	20.8
2 21	9 0.25	+17 30.7	1.980	2.933	6.3	21.1
3 2	8 53.52	+18 21.0	2.045	2.939	10.0	21.3
3 12	8 48.84	+19 0.0	2.132	2.945	13.1	21.6

431501 2007 TU_{123} 2 5.5 78°.94 2°.3/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.84	+ 6 41.5	2.259	3.048	12.8	21.5
1 12	9 30.33	+ 6 56.9	2.183	3.059	9.9	21.4
1 22	9 24.07	+ 7 25.9	2.131	3.069	6.7	21.2
2 1	9 16.62	+ 8 6.3	2.106	3.080	3.4	21.0
2 11	9 8.80	+ 8 54.2	2.111	3.091	2.7	21.0
2 21	9 1.43	+ 9 45.2	2.146	3.101	5.6	21.2
3 2	8 55.30	+10 34.8	2.208	3.112	8.9	21.4
3 12	8 50.97	+11 19.3	2.295	3.122	11.8	21.6

348638 2005 YE_{164} 2 5.5 75°.96 0°.2/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.85	+15 13.5	1.363	2.192	17.6	20.7
1 12	9 37.95	+15 26.4	1.307	2.210	13.2	20.5
1 22	9 29.07	+15 50.4	1.273	2.228	8.0	20.2
2 1	9 18.22	+16 20.0	1.264	2.246	2.5	19.9
2 11	9 6.90	+16 48.6	1.282	2.264	3.2	20.0
2 21	8 56.67	+17 10.9	1.327	2.282	8.4	20.4
3 2	8 48.81	+17 23.7	1.397	2.300	13.1	20.7
3 12	8 44.07	+17 25.6	1.488	2.317	16.9	21.0

300369 2007 RO_{122} 2 5.5 21°.88 1°.7/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.27	+17 26.1	1.205	2.054	18.1	20.7
1 12	9 34.29	+17 58.4	1.145	2.060	13.5	20.4
1 22	9 27.09	+18 42.0	1.107	2.067	8.2	20.2
2 1	9 17.66	+19 29.5	1.092	2.074	2.7	19.9
2 11	9 7.55	+20 12.2	1.102	2.083	4.2	20.0
2 21	8 58.44	+20 43.1	1.138	2.092	9.6	20.3
3 2	8 51.77	+20 58.6	1.196	2.102	14.5	20.6
3 12	8 48.39	+20 58.0	1.274	2.113	18.7	20.9

338028 2002 GQ_{152} 2 5.5 259°.84 3°.7/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.19	+ 1 14.1	2.377	3.138	13.1	21.3
1 12	9 30.77	+ 1 34.9	2.265	3.118	10.6	21.1
1 22	9 24.49	+ 2 13.7	2.176	3.097	7.7	20.9
2 1	9 16.81	+ 3 9.9	2.113	3.075	4.8	20.7
2 11	9 8.49	+ 4 20.4	2.081	3.053	3.9	20.6
2 21	9 0.36	+ 5 40.2	2.078	3.030	6.1	20.7
3 2	8 53.28	+ 7 3.3	2.105	3.007	9.3	20.8
3 12	8 47.95	+ 8 23.9	2.157	2.984	12.5	21.0

453064 2007 UE_{15} 2 5.5 74°.90 0°.5/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.64	+12 26.3	1.508	2.329	16.6	21.8
1 12	9 35.33	+12 54.7	1.450	2.348	12.5	21.6
1 22	9 27.38	+13 37.0	1.415	2.368	7.7	21.4
2 1	9 17.68	+14 27.9	1.406	2.387	2.5	21.1
2 11	9 7.55	+15 20.4	1.424	2.407	2.8	21.2
2 21	8 58.31	+16 8.0	1.470	2.426	7.7	21.5
3 2	8 51.11	+16 46.2	1.542	2.445	12.1	21.8
3 12	8 46.67	+17 12.3	1.636	2.464	15.7	22.1

399494 2002 TA_{165} 2 5.5 55°.39 3°.1/ 3.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.76	+19 32.8	1.382	2.220	16.9	20.5
1 12	9 36.92	+20 49.1	1.349	2.258	12.3	20.4
1 22	9 28.28	+22 11.4	1.338	2.295	7.4	20.2
2 1	9 17.92	+23 29.8	1.354	2.333	3.4	20.0
2 11	9 7.35	+24 35.1	1.397	2.371	5.0	20.2
2 21	8 58.02	+25 21.5	1.467	2.408	9.3	20.6
3 2	8 51.05	+25 47.4	1.562	2.445	13.2	20.9
3 12	8 47.07	+25 54.4	1.678	2.482	16.4	21.2

244961 2003 YJ_{150} 2 5.5 98°.33 5°.0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.82	+29 48.8	2.239	3.066	11.7	20.2
1 12	9 34.23	+30 49.8	2.180	3.077	8.9	20.0
1 22	9 26.52	+31 47.9	2.146	3.089	6.3	19.9
2 1	9 17.40	+32 36.5	2.141	3.100	5.0	19.8
2 11	9 7.88	+33 9.8	2.165	3.111	6.2	19.9
2 21	8 59.01	+33 25.1	2.216	3.122	8.6	20.1
3 2	8 51.73	+33 22.0	2.294	3.133	11.3	20.3
3 12	8 46.67	+33 2.7	2.393	3.144	13.6	20.5

163738 2003 KZ_{17} 2 5.5 222°.19 1°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.84	+15 57.1	2.023	2.836	13.3	21.2
1 12	9 35.29	+16 42.3	1.929	2.825	10.0	20.9
1 22	9 27.39	+17 37.3	1.859	2.813	6.1	20.7
2 1	9 17.75	+18 37.3	1.818	2.801	1.9	20.4
2 11	9 7.36	+19 35.9	1.808	2.787	3.0	20.4
2 21	8 57.34	+20 27.2	1.827	2.773	7.3	20.7
3 2	8 48.80	+21 7.1	1.873	2.758	11.2	20.9
3 12	8 42.57	+21 33.8	1.943	2.743	14.7	21.1

229149 2004 SN_{23} 2 5.5 154°.87 1°.5/ 6.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.03	+ 9 22.7	2.209	3.005	12.9	21.8
1 12	9 32.06	+ 9 40.5	2.127	3.010	9.8	21.6
1 22	9 25.19	+10 10.4	2.069	3.014	6.4	21.4
2 1	9 17.01	+10 49.8	2.039	3.017	2.7	21.1
2 11	9 8.37	+11 34.5	2.039	3.021	2.3	21.1
2 21	9 0.18	+12 20.1	2.069	3.024	5.9	21.3
3 2	8 53.29	+13 2.5	2.127	3.027	9.4	21.6
3 12	8 48.32	+13 38.4	2.209	3.029	12.4	21.8

27581 2000 UR_{26} 2 5.5 77°.24 0°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.90	+11 33.2	1.876	2.688	14.2	18.7
1 12	9 32.21	+12 8.7	1.807	2.700	10.7	18.5
1 22	9 25.37	+12 57.0	1.761	2.712	6.6	18.3
2 1	9 17.07	+13 53.8	1.743	2.724	2.3	18.0
2 11	9 8.32	+14 53.2	1.754	2.736	2.4	18.1
2 21	9 0.17	+15 49.4	1.793	2.748	6.6	18.4
3 2	8 53.57	+16 37.6	1.860	2.760	10.5	18.6
3 12	8 49.19	+17 15.1	1.950	2.772	13.8	18.9

494799 2006 YV_{18} 2 5.5 18°.55 0°.0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.60	+18 13.7	1.284	2.123	17.9	19.7
1 12	9 37.97	+17 33.3	1.223	2.131	13.4	19.5
1 22	9 29.18	+16 57.7	1.183	2.140	8.3	19.2
2 1	9 18.29	+16 24.0	1.167	2.150	2.6	18.9
2 11	9 6.90	+15 49.3	1.179	2.161	3.2	18.9
2 21	8 56.66	+15 12.3	1.216	2.174	8.7	19.3
3 2	8 48.92	+14 32.5	1.278	2.187	13.5	19.6
3 12	8 44.46	+13 49.9	1.360	2.202	17.6	19.9

357610 2005 CU_{18} 2 5.5 336°.76 0°.0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.17	+10 25.9	1.455	2.283	16.8	20.3
1 12	9 31.69	+11 42.8	1.377	2.279	12.7	20.0
1 22	9 25.46	+13 21.9	1.320	2.275	7.9	19.7
2 1	9 17.20	+15 16.3	1.289	2.271	2.5	19.4
2 11	9 8.10	+17 15.3	1.286	2.268	3.1	19.4
2 21	8 59.53	+19 7.3	1.310	2.266	8.5	19.7
3 2	8 52.82	+20 43.3	1.360	2.263	13.4	20.0
3 12	8 48.93	+21 58.2	1.431	2.261	17.5	20.3

205286 2000 SL_{167} 2 5.5 77°.53 0°.1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.76	+15 54.0	1.483	2.309	16.6	20.2
1 12	9 37.75	+15 56.6	1.422	2.323	12.4	19.9
1 22	9 28.91	+16 8.2	1.382	2.337	7.6	19.7
2 1	9 18.19	+16 24.3	1.369	2.351	2.4	19.4
2 11	9 7.00	+16 39.4	1.383	2.365	3.0	19.5
2 21	8 56.78	+16 49.4	1.425	2.379	8.0	19.8
3 2	8 48.76	+16 51.6	1.492	2.393	12.5	20.1
3 12	8 43.70	+16 45.2	1.581	2.407	16.3	20.4

154909 2004 RL_{326} 2 5.5 143°.39 2°.4/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.34	+ 7 58.5	2.021	2.817	13.9	20.6
1 12	9 32.45	+ 8 1.2	1.939	2.819	10.8	20.4
1 22	9 25.51	+ 8 17.4	1.880	2.821	7.2	20.1
2 1	9 17.13	+ 8 45.2	1.848	2.823	3.5	19.9
2 11	9 8.24	+ 9 20.9	1.845	2.825	2.9	19.9
2 21	8 59.84	+10 0.2	1.871	2.827	6.3	20.1
3 2	8 52.84	+10 38.4	1.924	2.828	10.0	20.3
3 12	8 47.94	+11 12.0	2.002	2.830	13.2	20.5

333767 2011 DH_{6} 2 5.5 268°.02 2°.3/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.80	+22 25.4	2.107	2.926	12.6	20.7
1 12	9 36.68	+22 35.0	2.012	2.910	9.5	20.5
1 22	9 28.19	+22 46.1	1.940	2.894	5.9	20.2
2 1	9 18.01	+22 54.2	1.898	2.877	2.6	20.0
2 11	9 7.15	+22 54.8	1.885	2.860	3.7	20.0
2 21	8 56.78	+22 45.2	1.902	2.843	7.5	20.2
3 2	8 47.96	+22 24.4	1.946	2.826	11.2	20.4
3 12	8 41.50	+21 53.1	2.014	2.809	14.4	20.6

167748 Markkelly 2 5.5 71°.04 0°.9/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.18	+15 26.0	1.442	2.272	16.7	20.3
1 12	9 35.86	+16 8.7	1.388	2.293	12.4	20.1
1 22	9 27.76	+17 3.1	1.357	2.313	7.5	19.8
2 1	9 17.84	+18 2.0	1.351	2.334	2.3	19.6
2 11	9 7.47	+18 57.5	1.374	2.355	3.4	19.7
2 21	8 58.08	+19 43.0	1.423	2.375	8.3	20.0
3 2	8 50.86	+20 14.7	1.497	2.396	12.7	20.3
3 12	8 46.54	+20 31.6	1.593	2.416	16.3	20.6

472278 2014 UB_{170} 2 5.5 273°.76 2°.3/ 3.9 18

1 2	9 38.71	+19 45.7	1.821	2.651	13.8	20.8
1 12	9 33.87	+20 28.6	1.740	2.645	10.3	20.6
1 22	9 26.58	+21 18.4	1.682	2.639	6.3	20.3
2 1	9 17.51	+22 8.8	1.652	2.633	2.7	20.1
2 11	9 7.78	+22 53.3	1.651	2.627	4.0	20.2
2 21	8 58.58	+23 26.5	1.677	2.620	8.1	20.4
3 2	8 51.06	+23 45.4	1.729	2.614	12.0	20.6
3 12	8 46.03	+23 49.6	1.804	2.608	15.4	20.8

334142 2001 RP_{91} 2 5.5 116°.70 2°.9/ 8.6 18

1 2	9 34.56	+ 2 14.9	2.789	3.547	11.4	21.8
1 12	9 29.80	+ 2 40.7	2.712	3.565	9.0	21.6
1 22	9 23.62	+ 3 20.6	2.660	3.582	6.4	21.5
2 1	9 16.50	+ 4 12.6	2.636	3.599	3.8	21.3
2 11	9 9.09	+ 5 13.6	2.643	3.616	3.0	21.3
2 21	9 2.06	+ 6 19.3	2.680	3.632	4.9	21.5
3 2	8 56.02	+ 7 25.4	2.748	3.648	7.5	21.6
3 12	8 51.46	+ 8 27.9	2.841	3.663	9.9	21.8

412215 2013 GD_{114} 2 5.5 176°.94 2°.1/ 3.7 18

1 2	9 40.57	+20 38.2	2.417	3.231	11.3	21.5
1 12	9 34.64	+21 23.4	2.337	3.234	8.4	21.3
1 22	9 26.75	+22 12.7	2.283	3.236	5.2	21.1
2 1	9 17.52	+23 1.1	2.258	3.237	2.3	20.9
2 11	9 7.82	+23 43.3	2.264	3.238	3.4	21.0
2 21	8 58.57	+24 15.6	2.301	3.237	6.7	21.2
3 2	8 50.65	+24 35.9	2.366	3.236	9.8	21.4
3 12	8 44.71	+24 43.8	2.455	3.235	12.5	21.5

151212 2001 YD_{52} 2 5.5 65°.68 0°.9/ 4.9 18

1 2	9 40.50	+16 26.9	1.677	2.502	15.0	20.5
1 12	9 34.99	+16 55.4	1.622	2.524	11.1	20.4
1 22	9 27.07	+17 32.3	1.591	2.546	6.7	20.1
2 1	9 17.61	+18 12.1	1.586	2.568	2.1	19.9
2 11	9 7.79	+18 48.8	1.610	2.591	3.0	20.0
2 21	8 58.85	+19 17.7	1.662	2.613	7.4	20.3
3 2	8 51.79	+19 35.9	1.740	2.635	11.4	20.6
3 12	8 47.28	+19 42.6	1.841	2.657	14.7	20.9

403082 2008 CV_{20} 2 5.5 36°.72 3°.4/ 3.0 18

1 2	9 35.94	+17 38.5	1.264	2.115	17.3	19.7
1 12	9 32.41	+19 25.2	1.215	2.131	12.7	19.5
1 22	9 25.89	+21 24.9	1.188	2.148	7.7	19.3
2 1	9 17.31	+23 25.6	1.186	2.166	3.6	19.1
2 11	9 8.14	+25 13.8	1.211	2.185	5.7	19.3
2 21	8 59.91	+26 39.9	1.262	2.204	10.3	19.6
3 2	8 53.96	+27 39.0	1.336	2.224	14.7	19.9
3 12	8 51.08	+28 11.6	1.430	2.244	18.3	20.2

192229 2008 CA_{12} 2 5.5 112°.47 3°.4/ 3.5 18

1 2	9 45.85	+24 45.1	1.937	2.757	13.5	21.0
1 12	9 38.79	+25 11.6	1.876	2.774	10.1	20.8
1 22	9 29.32	+25 37.9	1.840	2.791	6.4	20.6
2 1	9 18.31	+25 57.7	1.832	2.807	3.5	20.5
2 11	9 6.96	+26 6.3	1.854	2.823	4.7	20.6
2 21	8 56.50	+26 1.1	1.905	2.838	8.1	20.8
3 2	8 47.96	+25 42.1	1.983	2.853	11.5	21.1
3 12	8 42.01	+25 11.3	2.084	2.867	14.4	21.3

401499 2013 EQ_{18} 2 5.5 269°.33 0°.7/ 5.9 18

1 2	9 41.00	+13 23.0	1.589	2.409	15.9	21.1
1 12	9 35.90	+13 25.4	1.501	2.398	12.2	20.8
1 22	9 28.00	+13 39.4	1.435	2.388	7.7	20.5
2 1	9 18.02	+14 1.6	1.395	2.377	2.7	20.2
2 11	9 7.18	+14 27.2	1.383	2.366	2.8	20.2
2 21	8 56.88	+14 50.9	1.398	2.355	8.0	20.4
3 2	8 48.45	+15 8.7	1.439	2.343	12.7	20.7
3 12	8 42.83	+15 18.1	1.502	2.332	16.8	20.9

345870 2007 QO_{6} 2 5.5 121°.31 1°.0/ 6.4 18

1 2	9 35.84	+10 17.2	2.490	3.285	11.6	21.6
1 12	9 30.95	+10 47.0	2.415	3.298	8.8	21.4
1 22	9 24.41	+11 27.2	2.365	3.310	5.6	21.2
2 1	9 16.78	+12 14.8	2.343	3.323	2.2	21.0
2 11	9 8.80	+13 5.7	2.352	3.334	1.9	21.0
2 21	9 1.24	+13 55.7	2.391	3.346	5.3	21.2
3 2	8 54.84	+14 41.2	2.460	3.357	8.4	21.5
3 12	8 50.14	+15 19.4	2.553	3.367	11.1	21.7

381701 2009 EU_{13} 2 5.5 359°.10 4°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.63	+27 37.4	1.702	2.541	14.1	20.1
1 12	9 34.69	+28 0.9	1.632	2.538	10.7	19.9
1 22	9 27.08	+28 22.2	1.585	2.537	7.2	19.6
2 1	9 17.67	+28 34.5	1.564	2.536	4.8	19.5
2 11	9 7.73	+28 32.3	1.571	2.536	6.0	19.6
2 21	8 58.59	+28 12.9	1.605	2.536	9.4	19.8
3 2	8 51.44	+27 36.9	1.663	2.538	13.0	20.0
3 12	8 47.02	+26 46.8	1.742	2.541	16.1	20.2

102102 1999 RK_{160} 2 5.5 139°.31 2°.4/ 4.0 18

1 2	9 45.66	+19 44.3	1.693	2.514	15.1	20.3
1 12	9 39.02	+20 30.3	1.628	2.528	11.2	20.1
1 22	9 29.67	+21 22.4	1.587	2.541	6.8	19.8
2 1	9 18.47	+22 13.6	1.573	2.554	2.8	19.6
2 11	9 6.75	+22 56.5	1.589	2.565	4.2	19.7
2 21	8 55.87	+23 26.2	1.634	2.575	8.4	20.0
3 2	8 47.04	+23 40.4	1.705	2.585	12.4	20.3
3 12	8 41.06	+23 39.8	1.797	2.594	15.8	20.5

237356 3103 $T\text{-}_{2}$ 2 5.5 171°.17 4°.0/ 1.9 18

1 2	9 39.70	+29 30.5	2.783	3.600	9.9	20.6
1 12	9 33.82	+30 11.4	2.710	3.603	7.6	20.5
1 22	9 26.17	+30 49.7	2.663	3.605	5.3	20.3
2 1	9 17.34	+31 20.5	2.646	3.607	4.0	20.3
2 11	9 8.15	+31 39.7	2.659	3.609	4.9	20.3
2 21	8 59.44	+31 45.2	2.701	3.610	7.2	20.5
3 2	8 51.98	+31 36.6	2.771	3.611	9.5	20.6
3 12	8 46.37	+31 15.0	2.864	3.611	11.7	20.8

136634 1994 SE_{7} 2 5.5 312°.82 0°.8/ 4.9 17

1 2	9 35.22	+16 37.8	2.189	3.010	12.1	19.9
1 12	9 30.90	+17 4.4	2.098	2.998	9.1	19.7
1 22	9 24.60	+17 38.3	2.032	2.987	5.5	19.5
2 1	9 16.90	+18 15.9	1.994	2.977	1.7	19.2
2 11	9 8.64	+18 52.3	1.985	2.966	2.6	19.2
2 21	9 0.77	+19 23.4	2.006	2.956	6.4	19.5
3 2	8 54.17	+19 46.0	2.053	2.946	10.0	19.7
3 12	8 49.55	+19 58.6	2.124	2.936	13.2	19.8

101657 1999 CC_{76} 2 5.5 220°.95 0°.7/ 5.1 18

1 2	9 43.22	+18 11.3	2.003	2.816	13.4	19.0
1 12	9 36.95	+18 9.6	1.916	2.812	10.0	18.8
1 22	9 28.34	+18 12.5	1.854	2.807	6.1	18.6
2 1	9 18.07	+18 16.2	1.819	2.801	2.0	18.3
2 11	9 7.23	+18 17.0	1.815	2.796	2.7	18.3
2 21	8 56.96	+18 12.0	1.841	2.790	7.0	18.6
3 2	8 48.32	+17 59.9	1.894	2.784	10.9	18.8
3 12	8 42.07	+17 40.3	1.970	2.778	14.2	19.0

333230 2012 HO_{47} 2 5.5 90°.92 5°.9/31.5 18

1 2	9 39.01	+28 50.9	1.904	2.739	13.0	20.4
1 12	9 34.14	+30 26.1	1.841	2.743	10.0	20.3
1 22	9 26.76	+32 0.9	1.804	2.747	7.2	20.1
2 1	9 17.60	+33 25.8	1.794	2.752	5.9	20.0
2 11	9 7.81	+34 32.5	1.812	2.756	7.4	20.1
2 21	8 58.65	+35 16.0	1.858	2.760	10.2	20.3
3 2	8 51.26	+35 35.2	1.927	2.764	13.2	20.5
3 12	8 46.44	+35 32.4	2.017	2.768	15.8	20.7

191595 2004 FF_{109} 2 5.5 209°.43 2°.0/ 4.3 18

1 2	9 44.05	+19 7.0	1.746	2.567	14.7	20.9
1 12	9 38.00	+19 41.8	1.662	2.562	11.0	20.6
1 22	9 29.20	+20 23.7	1.601	2.556	6.8	20.4
2 1	9 18.40	+21 6.7	1.568	2.549	2.6	20.1
2 11	9 6.82	+21 43.8	1.564	2.541	3.9	20.2
2 21	8 55.82	+22 9.9	1.588	2.533	8.4	20.4
3 2	8 46.70	+22 22.2	1.639	2.524	12.6	20.6
3 12	8 40.35	+22 20.6	1.712	2.514	16.2	20.8

413785 2006 HE_{46} 2 5.5 326°.05 3°.0/ 2.9 17

1 2	9 34.67	+19 7.5	1.779	2.616	13.8	19.8
1 12	9 31.01	+20 33.3	1.698	2.607	10.2	19.6
1 22	9 24.94	+22 9.9	1.640	2.598	6.3	19.3
2 1	9 17.07	+23 49.2	1.611	2.589	3.1	19.1
2 11	9 8.46	+25 21.9	1.610	2.581	4.8	19.2
2 21	9 0.28	+26 40.1	1.636	2.574	8.8	19.4
3 2	8 53.68	+27 38.9	1.689	2.566	12.7	19.6
3 12	8 49.52	+28 16.6	1.762	2.560	16.0	19.8

317589 2002 XA_{20} 2 5.5 50°.30 1°.0/ 5.9 18

1 2	9 41.97	+13 2.9	1.394	2.220	17.5	19.7
1 12	9 36.37	+13 1.5	1.345	2.244	13.1	19.5
1 22	9 28.03	+13 12.6	1.317	2.270	8.1	19.2
2 1	9 17.95	+13 32.1	1.314	2.296	2.9	19.0
2 11	9 7.56	+13 54.6	1.339	2.322	2.9	19.1
2 21	8 58.25	+14 15.1	1.390	2.348	7.8	19.4
3 2	8 51.16	+14 29.9	1.467	2.374	12.2	19.7
3 12	8 46.98	+14 36.8	1.565	2.401	15.9	20.0

472687 2015 EZ_{63} 2 5.5 284°.02 4°.8/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 33.36	− 3 37.6	2.439	3.177	13.4	21.0
1 12	9 29.40	− 3 5.9	2.324	3.155	11.1	20.8
1 22	9 23.68	− 2 12.4	2.230	3.133	8.5	20.6
2 1	9 16.65	− 0 57.1	2.163	3.111	5.9	20.4
2 11	9 9.00	+ 0 36.9	2.126	3.089	4.8	20.3
2 21	9 1.53	+ 2 24.2	2.118	3.066	6.3	20.3
3 2	8 55.04	+ 4 17.7	2.140	3.044	9.2	20.5
3 12	8 50.22	+ 6 10.1	2.189	3.021	12.1	20.6

33259 1998 HL_{39} 2 5.5 75°.17 8°.1/12.7 18 R

1 2	9 36.47	− 9 23.1	1.943	2.657	17.1	18.1
1 12	9 31.78	− 9 38.7	1.878	2.680	14.6	17.9
1 22	9 25.07	− 9 27.8	1.831	2.702	11.8	17.8
2 1	9 17.04	− 8 49.2	1.808	2.724	9.4	17.7
2 11	9 8.62	− 7 45.2	1.811	2.747	8.1	17.7
2 21	9 0.81	− 6 21.6	1.841	2.768	8.7	17.7
3 2	8 54.47	− 4 46.1	1.898	2.790	10.8	17.9
3 12	8 50.23	− 3 7.4	1.979	2.812	13.2	18.1

437451 2013 YY_{11} 2 5.5 309°.52 3°.6/ 7.6 17

1 2	9 38.15	+ 6 28.1	2.175	2.959	13.4	20.6
1 12	9 33.04	+ 5 50.1	2.078	2.948	10.6	20.4
1 22	9 25.92	+ 5 23.0	2.004	2.936	7.5	20.2
2 1	9 17.35	+ 5 7.1	1.958	2.925	4.5	20.0
2 11	9 8.18	+ 5 1.2	1.940	2.914	3.9	19.9
2 21	8 59.38	+ 5 3.2	1.952	2.903	6.5	20.1
3 2	8 51.85	+ 5 10.1	1.991	2.892	9.8	20.2
3 12	8 46.31	+ 5 18.7	2.054	2.882	13.0	20.4

163716 2003 HA_{5} 2 5.5 214°.31 4°.3/ 2.5 18

1 2	9 41.81	+23 34.1	1.715	2.548	14.4	20.2
1 12	9 36.47	+24 45.2	1.638	2.543	10.8	20.0
1 22	9 28.34	+26 1.2	1.585	2.538	7.0	19.7
2 1	9 18.16	+27 13.6	1.559	2.533	4.3	19.6
2 11	9 7.19	+28 13.4	1.562	2.527	5.9	19.6
2 21	8 56.82	+28 54.4	1.592	2.521	9.7	19.9
3 2	8 48.36	+29 14.1	1.647	2.514	13.6	20.1
3 12	8 42.73	+29 13.7	1.723	2.507	16.9	20.3

56231 1999 JZ_{30} 2 5.5 16°.44 4°.6/ 8.3 18

1 2	9 36.99	+ 3 44.2	1.701	2.492	16.3	18.3
1 12	9 32.56	+ 3 24.7	1.622	2.493	13.0	18.1
1 22	9 25.77	+ 3 23.6	1.564	2.495	9.3	17.9
2 1	9 17.32	+ 3 40.7	1.532	2.497	5.8	17.7
2 11	9 8.26	+ 4 13.2	1.526	2.499	4.8	17.6
2 21	8 59.75	+ 4 56.0	1.548	2.502	7.5	17.8
3 2	8 52.87	+ 5 43.4	1.595	2.505	11.3	18.0
3 12	8 48.40	+ 6 29.5	1.666	2.508	14.8	18.2

60861 2000 HJ_{73} 2 5.5 218°.11 3°.5/ 2.7 18

1 2	9 37.95	+20 55.7	1.793	2.626	13.8	19.1
1 12	9 33.42	+22 20.9	1.718	2.625	10.3	18.8
1 22	9 26.38	+23 54.1	1.668	2.624	6.4	18.6
2 1	9 17.54	+25 26.9	1.646	2.622	3.6	18.4
2 11	9 7.98	+26 50.0	1.652	2.621	5.2	18.5
2 21	8 58.95	+27 56.4	1.687	2.619	9.0	18.7
3 2	8 51.62	+28 42.3	1.747	2.617	12.7	19.0
3 12	8 46.81	+29 7.5	1.829	2.616	15.9	19.2

233261 2005 YU_{191} 2 5.5 183°.68 1°.5/ 4.3 18

1 2	9 37.20	+17 33.4	2.134	2.954	12.4	20.9
1 12	9 32.40	+18 24.5	2.054	2.954	9.2	20.7
1 22	9 25.53	+19 23.4	1.999	2.954	5.6	20.5
2 1	9 17.23	+20 24.8	1.972	2.954	2.0	20.3
2 11	9 8.39	+21 22.7	1.975	2.953	3.2	20.3
2 21	9 0.00	+22 11.9	2.008	2.952	6.9	20.6
3 2	8 53.00	+22 49.1	2.068	2.952	10.4	20.8
3 12	8 48.07	+23 13.0	2.151	2.951	13.5	21.0

161928 2007 EB_{133} 2 5.5 49°.93 1°.5/ 6.6 18

1 2	9 36.44	+ 9 27.2	1.771	2.581	15.0	20.5
1 12	9 32.06	+ 9 51.0	1.697	2.587	11.5	20.3
1 22	9 25.42	+10 30.0	1.645	2.592	7.4	20.1
2 1	9 17.20	+11 20.7	1.619	2.598	3.1	19.8
2 11	9 8.44	+12 17.7	1.622	2.605	2.6	19.8
2 21	9 0.25	+13 14.8	1.653	2.611	6.8	20.1
3 2	8 53.66	+14 6.5	1.711	2.617	10.9	20.3
3 12	8 49.39	+14 48.9	1.791	2.624	14.4	20.6

492501 2014 NZ_{62} 2 5.5 238°.33 3°.6/ 3.1 18

1 2	9 40.75	+21 13.5	1.605	2.440	15.1	21.6
1 12	9 35.84	+22 23.0	1.526	2.433	11.3	21.3
1 22	9 28.04	+23 40.7	1.470	2.426	7.1	21.1
2 1	9 18.10	+24 58.0	1.441	2.419	3.8	20.9
2 11	9 7.29	+26 5.3	1.440	2.411	5.5	20.9
2 21	8 57.05	+26 55.4	1.466	2.403	9.7	21.2
3 2	8 48.78	+27 24.7	1.517	2.394	13.9	21.4
3 12	8 43.42	+27 33.6	1.589	2.386	17.5	21.6

409446 2005 QG_{66} 2 5.5 131°.65 3°.5/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.31	+ 2 4.7	2.226	2.991	13.7	22.1
1 12	9 32.23	+ 2 25.4	2.148	3.004	10.9	21.9
1 22	9 25.30	+ 3 3.6	2.093	3.017	7.7	21.8
2 1	9 17.13	+ 3 57.5	2.066	3.030	4.7	21.6
2 11	9 8.55	+ 5 3.0	2.068	3.041	3.7	21.5
2 21	9 0.44	+ 6 14.9	2.100	3.053	6.0	21.7
3 2	8 53.60	+ 7 27.3	2.161	3.064	9.1	21.9
3 12	8 48.66	+ 8 35.2	2.247	3.074	12.0	22.1

240535 2004 GC_{25} 2 5.5 315°.04 1°.7/ 7.0 18

1 2	9 33.67	+ 7 47.6	2.296	3.091	12.5	20.5
1 12	9 29.60	+ 8 18.0	2.208	3.089	9.6	20.3
1 22	9 23.75	+ 9 2.2	2.144	3.086	6.3	20.1
2 1	9 16.67	+ 9 57.6	2.107	3.084	2.9	19.9
2 11	9 9.10	+10 59.7	2.100	3.082	2.3	19.8
2 21	9 1.89	+12 3.5	2.123	3.080	5.6	20.0
3 2	8 55.83	+13 4.1	2.174	3.078	9.0	20.2
3 12	8 51.55	+13 57.7	2.250	3.076	12.1	20.4

378853 2008 TC_{31} 2 5.5 80°.91 0°.7/ 6.0 18

1 2	9 36.49	+12 0.7	2.065	2.874	13.2	21.4
1 12	9 31.82	+12 23.6	1.988	2.880	9.9	21.2
1 22	9 25.14	+12 57.5	1.935	2.885	6.2	21.0
2 1	9 17.10	+13 38.9	1.910	2.891	2.2	20.8
2 11	9 8.60	+14 23.2	1.913	2.896	2.2	20.8
2 21	9 0.59	+15 5.7	1.946	2.902	6.2	21.0
3 2	8 53.98	+15 42.4	2.007	2.907	9.9	21.3
3 12	8 49.41	+16 10.6	2.091	2.912	13.0	21.5

139572 2001 QE_{90} 2 5.5 144°.10 7°.1/10.5 18

1 2	9 37.72	− 5 40.3	2.426	3.143	14.0	19.6
1 12	9 32.50	− 6 39.4	2.337	3.144	11.9	19.5
1 22	9 25.48	− 7 21.7	2.270	3.145	9.7	19.3
2 1	9 17.21	− 7 44.8	2.229	3.146	7.8	19.2
2 11	9 8.44	− 7 48.6	2.216	3.147	7.1	19.1
2 21	9 0.02	− 7 34.6	2.230	3.148	8.0	19.2
3 2	8 52.75	− 7 6.7	2.271	3.149	9.9	19.3
3 12	8 47.25	− 6 29.8	2.336	3.149	12.1	19.5

19370 Yukyung 2 5.5 53°.34 6°.9/31.2 18

1 2	9 39.38	+28 17.0	1.548	2.393	15.0	16.2
1 12	9 34.79	+30 13.7	1.502	2.409	11.4	16.0
1 22	9 27.30	+32 9.5	1.479	2.425	8.2	15.8
2 1	9 17.82	+33 52.3	1.484	2.442	6.9	15.8
2 11	9 7.75	+35 11.6	1.515	2.459	8.5	15.9
2 21	8 58.57	+36 1.9	1.572	2.476	11.7	16.2
3 2	8 51.57	+36 23.0	1.652	2.494	14.8	16.4
3 12	8 47.56	+36 18.4	1.751	2.511	17.6	16.6

354923 2006 DN_{117} 2 5.5 298°.66 2°.3/ 4.3 18

1 2	9 39.84	+18 53.9	1.425	2.265	16.4	21.1
1 12	9 35.50	+19 29.4	1.338	2.248	12.3	20.8
1 22	9 28.03	+20 14.7	1.274	2.232	7.6	20.5
2 1	9 18.15	+21 3.1	1.234	2.216	2.9	20.2
2 11	9 7.23	+21 46.3	1.221	2.200	4.5	20.2
2 21	8 56.86	+22 17.2	1.234	2.184	9.6	20.5
3 2	8 48.57	+22 31.9	1.272	2.168	14.6	20.7
3 12	8 43.47	+22 29.7	1.329	2.153	18.9	20.9

455470 2003 UB_{97} 2 5.5 113°.95 1°.6/ 4.4 18

1 2	9 43.00	+18 20.2	1.898	2.715	13.8	22.0
1 12	9 36.72	+19 0.5	1.837	2.735	10.2	21.8
1 22	9 28.13	+19 47.1	1.800	2.755	6.2	21.6
2 1	9 18.02	+20 34.1	1.792	2.774	2.2	21.3
2 11	9 7.54	+21 15.4	1.814	2.792	3.4	21.5
2 21	8 57.82	+21 46.6	1.865	2.810	7.3	21.7
3 2	8 49.88	+22 5.5	1.944	2.827	11.0	22.0
3 12	8 44.38	+22 11.8	2.045	2.843	14.1	22.2

62080 2000 RG_{82} 2 5.5 51°.54 7°.0/10.4 18

1 2	9 36.48	− 3 27.5	1.849	2.601	16.6	18.8
1 12	9 32.03	− 4 0.6	1.769	2.605	13.9	18.6
1 22	9 25.39	− 4 11.7	1.710	2.610	10.8	18.4
2 1	9 17.21	− 3 59.0	1.675	2.614	8.1	18.3
2 11	9 8.47	− 3 24.1	1.666	2.619	7.0	18.2
2 21	9 0.22	− 2 31.2	1.684	2.623	8.4	18.3
3 2	8 53.46	− 1 27.0	1.728	2.628	11.1	18.5
3 12	8 48.92	− 0 18.7	1.795	2.633	14.1	18.7

421461 2014 NP_{59} 2 5.5 208°.00 1°.4/ 4.5 18

1 2	9 41.48	+17 16.2	2.033	2.847	13.2	22.3
1 12	9 35.77	+18 0.3	1.944	2.841	9.8	22.1
1 22	9 27.71	+18 52.8	1.880	2.834	6.0	21.8
2 1	9 17.96	+19 48.4	1.845	2.826	2.1	21.5
2 11	9 7.53	+20 40.8	1.839	2.818	3.2	21.6
2 21	8 57.53	+21 24.7	1.863	2.808	7.3	21.8
3 2	8 49.04	+21 56.6	1.915	2.798	11.2	22.0
3 12	8 42.87	+22 15.3	1.990	2.787	14.5	22.2

73082 2002 GZ_{14} 2 5.5 185°.96 1°.7/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.92	+18 43.0	1.993	2.810	13.3	20.3
1 12	9 36.05	+19 22.4	1.912	2.811	9.9	20.1
1 22	9 27.85	+20 8.2	1.856	2.810	6.0	19.9
2 1	9 17.99	+20 55.2	1.828	2.809	2.3	19.6
2 11	9 7.53	+21 37.3	1.830	2.807	3.4	19.7
2 21	8 57.61	+22 9.7	1.861	2.805	7.4	19.9
3 2	8 49.30	+22 29.7	1.920	2.802	11.2	20.1
3 12	8 43.36	+22 36.7	2.001	2.798	14.4	20.4

409848 2006 SA_{70} 2 5.5 137°.98 2°.7/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.44	+21 15.6	1.869	2.694	13.7	21.9
1 12	9 35.77	+21 57.9	1.798	2.701	10.2	21.7
1 22	9 27.67	+22 44.7	1.753	2.707	6.3	21.5
2 1	9 17.92	+23 29.5	1.734	2.713	2.9	21.3
2 11	9 7.64	+24 6.1	1.745	2.719	4.2	21.4
2 21	8 58.04	+24 30.0	1.785	2.724	8.0	21.6
3 2	8 50.20	+24 39.4	1.850	2.729	11.7	21.8
3 12	8 44.86	+24 34.7	1.938	2.734	14.9	22.0

290231 2005 SR_{64} 2 5.5 241°.82 1°.5/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.47	+ 9 48.9	1.932	2.736	14.1	21.3
1 12	9 32.78	+10 5.8	1.843	2.730	10.9	21.1
1 22	9 25.88	+10 36.4	1.778	2.725	7.0	20.8
2 1	9 17.38	+11 17.9	1.740	2.719	2.9	20.6
2 11	9 8.25	+12 5.6	1.731	2.713	2.5	20.5
2 21	8 59.56	+12 54.3	1.750	2.707	6.6	20.8
3 2	8 52.31	+13 39.2	1.797	2.700	10.6	21.0
3 12	8 47.28	+14 16.3	1.867	2.694	14.1	21.2

118210 1995 UG_{56} 2 5.5 215°.74 1°.1/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.21	+16 34.6	1.523	2.351	16.1	20.3
1 12	9 36.91	+17 3.6	1.444	2.348	12.1	20.1
1 22	9 28.67	+17 43.2	1.388	2.344	7.4	19.8
2 1	9 18.30	+18 27.4	1.358	2.341	2.4	19.5
2 11	9 7.13	+19 9.2	1.356	2.337	3.5	19.5
2 21	8 56.64	+19 42.2	1.381	2.333	8.6	19.8
3 2	8 48.19	+20 2.7	1.432	2.328	13.3	20.1
3 12	8 42.72	+20 9.5	1.503	2.324	17.2	20.3

160807 2000 VB_{44} 2 5.5 109°.16 1°.5/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.72	+17 43.4	1.678	2.501	15.1	20.4
1 12	9 36.82	+18 18.1	1.614	2.516	11.2	20.1
1 22	9 28.34	+19 0.7	1.574	2.530	6.8	19.9
2 1	9 18.13	+19 44.9	1.562	2.544	2.3	19.7
2 11	9 7.44	+20 24.2	1.578	2.557	3.5	19.8
2 21	8 57.57	+20 53.6	1.622	2.570	7.9	20.1
3 2	8 49.66	+21 10.5	1.693	2.583	12.0	20.3
3 12	8 44.44	+21 14.5	1.786	2.595	15.4	20.6

366475 2002 GJ_{120} 2 5.5 226°.50 3°.3/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.40	+25 6.9	2.443	3.262	11.1	21.5
1 12	9 34.66	+25 47.8	2.354	3.252	8.3	21.3
1 22	9 26.89	+26 29.6	2.291	3.241	5.4	21.1
2 1	9 17.68	+27 7.2	2.258	3.230	3.4	20.9
2 11	9 7.92	+27 35.3	2.255	3.219	4.5	21.0
2 21	8 58.58	+27 50.8	2.281	3.207	7.3	21.2
3 2	8 50.56	+27 52.2	2.335	3.195	10.3	21.3
3 12	8 44.57	+27 40.2	2.412	3.182	13.0	21.5

127261 2002 JE_{47} 2 5.5 315°.05 5°.9/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.40	+ 1 40.8	1.758	2.539	16.3	19.2
1 12	9 32.27	+ 0 59.1	1.661	2.522	13.3	19.0
1 22	9 25.73	+ 0 35.0	1.585	2.506	10.0	18.7
2 1	9 17.39	+ 0 30.3	1.533	2.490	6.9	18.5
2 11	9 8.24	+ 0 44.1	1.508	2.474	6.0	18.4
2 21	8 59.42	+ 1 13.2	1.510	2.459	8.3	18.5
3 2	8 52.08	+ 1 52.5	1.537	2.444	11.8	18.7
3 12	8 47.12	+ 2 35.7	1.586	2.429	15.4	18.9

177458 2004 DO_{37} 2 5.5 266°.86 5°.3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.90	+29 0.5	1.813	2.641	13.9	20.4
1 12	9 38.73	+29 38.2	1.730	2.630	10.7	20.2
1 22	9 29.70	+30 13.4	1.672	2.618	7.4	19.9
2 1	9 18.63	+30 38.4	1.640	2.606	5.4	19.8
2 11	9 6.80	+30 46.4	1.636	2.594	6.6	19.8
2 21	8 55.67	+30 34.0	1.660	2.582	9.9	20.0
3 2	8 46.56	+30 1.6	1.710	2.570	13.5	20.2
3 12	8 40.34	+29 12.6	1.780	2.557	16.7	20.4

298920 2004 TS_{117} 2 5.5 168°.97 1°.2/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.46	+ 9 45.3	1.912	2.711	14.5	21.8
1 12	9 34.97	+10 16.7	1.831	2.716	11.0	21.6
1 22	9 27.19	+11 2.6	1.773	2.720	7.1	21.3
2 1	9 17.80	+11 59.3	1.743	2.723	2.8	21.1
2 11	9 7.82	+13 1.1	1.743	2.725	2.5	21.1
2 21	8 58.36	+14 2.0	1.772	2.727	6.7	21.3
3 2	8 50.46	+14 56.6	1.829	2.728	10.7	21.6
3 12	8 44.86	+15 41.5	1.910	2.728	14.2	21.8

422927 2002 TF_{191} 2 5.5 113°.99 4°.8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.32	− 1 25.6	2.640	3.377	12.5	21.3
1 12	9 31.93	− 1 46.6	2.565	3.395	10.2	21.2
1 22	9 24.99	− 1 52.6	2.513	3.413	7.8	21.0
2 1	9 17.04	− 1 43.5	2.488	3.431	5.6	20.9
2 11	9 8.79	− 1 20.7	2.493	3.448	4.8	20.9
2 21	9 0.96	− 0 47.3	2.527	3.465	6.0	21.0
3 2	8 54.23	− 0 7.1	2.589	3.481	8.3	21.1
3 12	8 49.11	+ 0 35.5	2.678	3.497	10.5	21.3

138509 2000 KO_{72} 2 5.5 183°.60 1°.6/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.21	+ 6 56.3	2.553	3.338	11.7	20.4
1 12	9 29.84	+ 7 40.8	2.463	3.338	9.0	20.2
1 22	9 23.85	+ 8 39.0	2.398	3.338	5.9	20.0
2 1	9 16.72	+ 9 48.1	2.361	3.338	2.7	19.8
2 11	9 9.15	+11 3.5	2.356	3.337	2.1	19.7
2 21	9 1.89	+12 20.1	2.381	3.336	5.2	19.9
3 2	8 55.67	+13 33.1	2.435	3.335	8.4	20.1
3 12	8 51.06	+14 38.4	2.516	3.334	11.2	20.3

458276 2010 UF_{45} 2 5.5 121°.58 1°.8/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.96	+19 27.4	1.860	2.682	13.9	21.7
1 12	9 36.11	+19 52.8	1.790	2.691	10.3	21.5
1 22	9 27.86	+20 23.3	1.744	2.699	6.3	21.2
2 1	9 17.99	+20 53.7	1.726	2.707	2.3	21.0
2 11	9 7.65	+21 18.6	1.737	2.715	3.5	21.1
2 21	8 58.01	+21 34.0	1.776	2.722	7.5	21.4
3 2	8 50.14	+21 38.0	1.843	2.729	11.3	21.6
3 12	8 44.75	+21 30.5	1.932	2.736	14.6	21.8

477106 2009 BX_{166} 2 5.5 318°.71 0°.7/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.04	+10 35.1	2.026	2.838	13.3	21.1
1 12	9 29.49	+11 19.5	1.930	2.823	10.1	20.8
1 22	9 23.89	+12 18.7	1.858	2.809	6.4	20.6
2 1	9 16.79	+13 29.0	1.814	2.795	2.3	20.3
2 11	9 9.05	+14 44.6	1.798	2.781	2.2	20.3
2 21	9 1.62	+15 59.1	1.812	2.768	6.5	20.5
3 2	8 55.46	+17 6.6	1.852	2.755	10.4	20.7
3 12	8 51.33	+18 3.0	1.917	2.742	13.8	20.9

52686 1998 EN_{11} 2 5.5 277°.66 4°.4/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.22	− 2 41.4	2.473	3.216	13.1	19.5
1 12	9 29.26	− 2 4.8	2.364	3.200	10.8	19.3
1 22	9 23.59	− 1 7.3	2.278	3.185	8.1	19.1
2 1	9 16.68	+ 0 10.6	2.218	3.170	5.5	18.9
2 11	9 9.21	+ 1 45.4	2.188	3.154	4.4	18.8
2 21	9 1.96	+ 3 31.3	2.189	3.139	6.0	18.9
3 2	8 55.71	+ 5 21.7	2.219	3.123	8.8	19.0
3 12	8 51.09	+ 7 9.5	2.276	3.108	11.7	19.2

105113 2000 LX_{20} 2 5.5 160°.10 5°.2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.20	− 5 10.3	3.075	3.785	11.5	20.3
1 12	9 30.27	− 5 32.9	2.985	3.791	9.6	20.2
1 22	9 23.97	− 5 40.7	2.918	3.796	7.7	20.1
2 1	9 16.74	− 5 33.2	2.878	3.801	5.9	20.0
2 11	9 9.19	− 5 11.3	2.867	3.806	5.2	19.9
2 21	9 1.91	− 4 37.3	2.885	3.810	6.0	20.0
3 2	8 55.52	− 3 54.5	2.931	3.814	7.7	20.1
3 12	8 50.49	− 3 7.1	3.004	3.818	9.7	20.2

293221 2007 BK_{38} 2 5.5 59°.98 1°.4/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.31	+12 42.3	1.242	2.072	18.9	20.6
1 12	9 37.96	+12 33.0	1.180	2.082	14.4	20.4
1 22	9 29.37	+12 37.8	1.138	2.092	9.1	20.1
2 1	9 18.54	+12 53.1	1.121	2.102	3.4	19.8
2 11	9 7.06	+13 13.4	1.129	2.112	3.2	19.8
2 21	8 56.62	+13 32.9	1.163	2.122	8.8	20.2
3 2	8 48.65	+13 47.2	1.222	2.133	13.9	20.5
3 12	8 44.02	+13 53.6	1.300	2.144	18.1	20.8

135418 2001 UK_{35} 2 5.5 49°.38 3°.6/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.19	+23 6.6	2.024	2.857	12.5	18.7
1 12	9 31.71	+24 20.4	1.966	2.872	9.2	18.5
1 22	9 25.13	+25 37.4	1.934	2.887	5.9	18.3
2 1	9 17.15	+26 50.2	1.929	2.903	3.6	18.2
2 11	9 8.74	+27 52.2	1.954	2.919	5.0	18.3
2 21	9 0.95	+28 38.5	2.007	2.935	8.1	18.5
3 2	8 54.68	+29 7.2	2.086	2.951	11.2	18.7
3 12	8 50.59	+29 18.6	2.187	2.968	13.9	19.0

150006 2005 UO_{200} 2 5.5 256°.82 3°.3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.18	+ 5 1.9	2.064	2.847	14.1	20.3
1 12	9 32.53	+ 5 3.4	1.963	2.832	11.2	20.1
1 22	9 25.75	+ 5 20.7	1.885	2.818	7.8	19.9
2 1	9 17.40	+ 5 52.9	1.833	2.803	4.4	19.6
2 11	9 8.36	+ 6 37.0	1.810	2.787	3.6	19.6
2 21	8 59.62	+ 7 28.3	1.817	2.771	6.6	19.7
3 2	8 52.16	+ 8 21.5	1.851	2.756	10.3	19.9
3 12	8 46.76	+ 9 11.7	1.909	2.739	13.7	20.1

166732 2002 TS_{268} 2 5.5 107°.26 4°.0/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 35.92	+ 2 9.5	2.313	3.079	13.3	19.6
1 12	9 31.18	+ 2 1.0	2.232	3.087	10.6	19.5
1 22	9 24.69	+ 2 7.9	2.174	3.095	7.7	19.3
2 1	9 17.00	+ 2 29.4	2.143	3.103	5.0	19.1
2 11	9 8.92	+ 3 3.3	2.141	3.111	4.1	19.1
2 21	9 1.26	+ 3 45.7	2.168	3.118	6.1	19.2
3 2	8 54.79	+ 4 32.1	2.224	3.126	8.9	19.4
3 12	8 50.11	+ 5 18.1	2.304	3.133	11.7	19.6

269417 2009 SF_{46} 2 5.5 84°.46 1°.0/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.89	+11 55.3	1.911	2.720	14.1	21.4
1 12	9 33.68	+12 6.9	1.842	2.733	10.7	21.2
1 22	9 26.33	+12 29.5	1.796	2.745	6.7	21.0
2 1	9 17.53	+12 59.9	1.777	2.758	2.5	20.7
2 11	9 8.31	+13 33.6	1.787	2.770	2.3	20.7
2 21	8 59.71	+14 6.0	1.827	2.782	6.5	21.0
3 2	8 52.69	+14 33.5	1.893	2.795	10.3	21.3
3 12	8 47.90	+14 53.5	1.983	2.807	13.5	21.5

213024 1995 WX_{21} 2 5.5 217°.43 2°.1/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.66	+18 35.1	1.838	2.663	13.9	21.0
1 12	9 34.63	+19 28.8	1.756	2.659	10.4	20.8
1 22	9 27.14	+20 31.0	1.698	2.654	6.3	20.6
2 1	9 17.85	+21 35.3	1.668	2.649	2.5	20.3
2 11	9 7.86	+22 34.4	1.667	2.644	3.9	20.4
2 21	8 58.38	+23 22.3	1.695	2.638	8.0	20.6
3 2	8 50.55	+23 55.2	1.749	2.632	12.0	20.8
3 12	8 45.21	+24 12.3	1.824	2.626	15.4	21.1

98866 Giannabussolari 2 5.5 91°.31 2°.6/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.17	+ 6 44.2	1.630	2.431	16.5	19.4
1 12	9 34.19	+ 7 5.7	1.564	2.446	12.7	19.2
1 22	9 26.78	+ 7 45.8	1.519	2.461	8.4	18.9
2 1	9 17.70	+ 8 41.2	1.500	2.476	4.1	18.7
2 11	9 8.11	+ 9 45.9	1.510	2.491	3.2	18.7
2 21	8 59.24	+10 52.9	1.547	2.505	7.2	19.0
3 2	8 52.16	+11 55.6	1.611	2.519	11.3	19.2
3 12	8 47.61	+12 49.2	1.698	2.533	14.9	19.5

250131 2002 QK_{44} 2 5.5 164°.59 0°.6/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.32	+14 27.8	1.992	2.805	13.5	20.7
1 12	9 34.09	+15 17.2	1.914	2.809	10.1	20.5
1 22	9 26.65	+16 17.3	1.860	2.813	6.1	20.3
2 1	9 17.67	+17 23.1	1.834	2.817	1.9	20.0
2 11	9 8.12	+18 28.1	1.839	2.820	2.7	20.1
2 21	8 59.08	+19 26.3	1.873	2.822	6.9	20.3
3 2	8 51.54	+20 13.6	1.934	2.824	10.7	20.6
3 12	8 46.24	+20 47.9	2.019	2.825	14.0	20.8

235644 2004 RO_{99} 2 5.5 208°.67 3°.0/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.77	+ 5 45.5	1.831	2.619	15.4	21.7
1 12	9 34.65	+ 6 0.0	1.740	2.615	12.1	21.4
1 22	9 27.14	+ 6 32.5	1.672	2.609	8.2	21.2
2 1	9 17.86	+ 7 21.2	1.630	2.603	4.3	20.9
2 11	9 7.85	+ 8 21.4	1.617	2.596	3.4	20.8
2 21	8 58.27	+ 9 26.9	1.632	2.588	7.1	21.0
3 2	8 50.22	+10 31.4	1.676	2.580	11.2	21.3
3 12	8 44.56	+11 29.4	1.742	2.572	14.9	21.5

89111 2001 TO_{211} 2 5.5 338°.49 8°.4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.48	− 5 48.3	1.767	2.510	17.6	19.5
1 12	9 32.23	− 6 33.9	1.683	2.508	15.0	19.3
1 22	9 25.65	− 6 55.6	1.618	2.506	12.1	19.1
2 1	9 17.38	− 6 50.4	1.576	2.504	9.5	18.9
2 11	9 8.44	− 6 18.6	1.559	2.503	8.4	18.8
2 21	8 59.94	− 5 24.2	1.568	2.501	9.5	18.9
3 2	8 52.97	− 4 14.0	1.603	2.500	12.1	19.0
3 12	8 48.33	− 2 56.6	1.660	2.499	15.0	19.2

328268 2008 GP_{37} 2 5.5 332°.08 2°.9/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.71	+20 9.3	1.608	2.446	14.9	20.8
1 12	9 33.48	+21 3.5	1.531	2.441	11.1	20.6
1 22	9 26.56	+22 5.8	1.478	2.436	6.9	20.3
2 1	9 17.69	+23 8.6	1.451	2.431	3.2	20.1
2 11	9 8.08	+24 3.9	1.452	2.426	4.7	20.1
2 21	8 59.07	+24 45.2	1.479	2.422	9.0	20.4
3 2	8 51.93	+25 9.1	1.531	2.418	13.2	20.6
3 12	8 47.53	+25 15.1	1.604	2.415	16.8	20.8

105087 2000 KB_{79} 2 5.5 208°.88 0°.0/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.25	+13 26.3	2.760	3.561	10.4	20.3
1 12	9 30.55	+14 2.2	2.667	3.556	7.8	20.1
1 22	9 24.28	+14 46.4	2.600	3.550	4.8	19.9
2 1	9 16.89	+15 35.7	2.562	3.544	1.5	19.7
2 11	9 9.08	+16 26.1	2.556	3.538	1.8	19.7
2 21	9 1.55	+17 13.8	2.580	3.531	5.2	19.9
3 2	8 55.01	+17 55.5	2.633	3.524	8.2	20.1
3 12	8 50.02	+18 29.0	2.712	3.516	10.8	20.3

254595 2005 GV_{84} 2 5.5 205°.81 3°.8/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 38.39	+ 4 0.8	1.919	2.700	15.1	21.5
1 12	9 33.48	+ 3 59.6	1.830	2.697	12.0	21.3
1 22	9 26.35	+ 4 15.8	1.763	2.694	8.4	21.1
2 1	9 17.61	+ 4 48.6	1.723	2.690	5.0	20.9
2 11	9 8.24	+ 5 34.5	1.711	2.686	4.0	20.8
2 21	8 59.29	+ 6 28.6	1.728	2.682	6.9	20.9
3 2	8 51.80	+ 7 25.1	1.772	2.677	10.6	21.2
3 12	8 46.53	+ 8 18.4	1.840	2.672	14.0	21.4

407486 2010 VF_{19} 2 5.5 94°.52 3°.0/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.69	+21 19.1	1.790	2.619	14.0	21.3
1 12	9 35.28	+22 13.3	1.728	2.633	10.4	21.1
1 22	9 27.42	+23 12.2	1.691	2.646	6.4	20.8
2 1	9 17.91	+24 8.8	1.681	2.659	3.2	20.7
2 11	9 7.94	+24 55.9	1.700	2.672	4.5	20.8
2 21	8 58.71	+25 28.7	1.747	2.685	8.3	21.0
3 2	8 51.30	+25 45.4	1.819	2.697	11.9	21.3
3 12	8 46.43	+25 46.2	1.914	2.709	15.0	21.5

359013 2008 UV_{251} 2 5.5 60°.10 2°.0/ 6.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.13	+ 9 47.2	1.266	2.089	19.0	21.3
1 12	9 36.78	+ 9 57.8	1.217	2.114	14.5	21.1
1 22	9 28.47	+10 26.6	1.189	2.139	9.2	20.8
2 1	9 18.24	+11 9.1	1.185	2.165	3.8	20.6
2 11	9 7.62	+11 58.1	1.208	2.190	3.2	20.6
2 21	8 58.13	+12 46.2	1.257	2.216	8.2	21.0
3 2	8 51.02	+13 27.7	1.330	2.242	12.9	21.3
3 12	8 47.00	+13 58.6	1.425	2.267	16.8	21.6

491908 2013 CX_{46} 2 5.5 182°.09 2°.5/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.83	+20 16.9	1.836	2.658	14.0	21.8
1 12	9 36.97	+21 3.9	1.758	2.660	10.4	21.6
1 22	9 28.55	+21 56.8	1.705	2.660	6.4	21.4
2 1	9 18.31	+22 49.3	1.680	2.660	2.8	21.1
2 11	9 7.43	+23 34.2	1.684	2.659	4.2	21.2
2 21	8 57.16	+24 6.5	1.717	2.658	8.2	21.5
3 2	8 48.67	+24 23.7	1.777	2.656	12.1	21.7
3 12	8 42.78	+24 25.7	1.858	2.653	15.4	21.9

287812 2003 SW_{180} 2 5.5 183°.72 1°.8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.42	+ 9 14.7	2.196	2.991	13.0	21.0
1 12	9 32.46	+ 9 18.9	2.110	2.991	10.0	20.8
1 22	9 25.57	+ 9 34.5	2.048	2.991	6.5	20.6
2 1	9 17.34	+ 9 59.8	2.014	2.991	3.0	20.4
2 11	9 8.62	+10 31.2	2.009	2.990	2.5	20.4
2 21	9 0.32	+11 4.8	2.034	2.990	5.9	20.6
3 2	8 53.32	+11 36.8	2.087	2.989	9.4	20.8
3 12	8 48.26	+12 4.0	2.164	2.988	12.5	21.0

375360 2008 SA_{106} 2 5.5 207°.41 4°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.90	+27 2.9	2.194	3.021	11.9	20.8
1 12	9 34.49	+27 53.0	2.119	3.019	9.0	20.6
1 22	9 26.88	+28 42.8	2.069	3.017	6.1	20.5
2 1	9 17.76	+29 26.0	2.047	3.015	4.3	20.3
2 11	9 8.12	+29 56.8	2.055	3.013	5.4	20.4
2 21	8 59.02	+30 11.8	2.090	3.010	8.3	20.6
3 2	8 51.45	+30 10.1	2.152	3.008	11.3	20.8
3 12	8 46.11	+29 52.9	2.237	3.005	13.9	20.9

419924 2011 BT_{29} 2 5.5 74°.14 3°.7/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.56	+21 56.5	1.858	2.692	13.4	20.9
1 12	9 33.07	+23 20.4	1.787	2.694	10.0	20.7
1 22	9 26.18	+24 50.6	1.740	2.695	6.3	20.4
2 1	9 17.57	+26 18.9	1.721	2.696	3.8	20.3
2 11	9 8.33	+27 36.7	1.732	2.698	5.3	20.4
2 21	8 59.62	+28 37.6	1.770	2.699	8.9	20.6
3 2	8 52.55	+29 18.4	1.834	2.701	12.4	20.8
3 12	8 47.91	+29 39.2	1.919	2.702	15.4	21.0

172725 2004 BG_{112} 2 5.5 335°.23 1°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.77	+15 20.0	1.234	2.076	18.3	19.5
1 12	9 35.78	+14 36.3	1.147	2.056	14.1	19.2
1 22	9 28.40	+13 59.6	1.081	2.037	9.0	18.8
2 1	9 18.40	+13 28.3	1.038	2.019	3.3	18.4
2 11	9 7.26	+12 59.5	1.020	2.003	3.4	18.4
2 21	8 56.76	+12 31.1	1.027	1.988	9.3	18.7
3 2	8 48.57	+12 1.2	1.057	1.975	14.9	18.9
3 12	8 43.84	+11 28.3	1.106	1.963	19.7	19.2

111454 2001 XA_{250} 2 5.5 145°.32 3°.2/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.26	+ 4 12.4	2.493	3.257	12.5	20.5
1 12	9 33.52	+ 4 7.1	2.412	3.269	9.8	20.3
1 22	9 26.07	+ 4 14.8	2.355	3.281	6.9	20.2
2 1	9 17.47	+ 4 34.6	2.327	3.292	4.1	20.0
2 11	9 8.50	+ 5 3.8	2.329	3.302	3.4	20.0
2 21	8 59.97	+ 5 39.1	2.361	3.312	5.6	20.1
3 2	8 52.62	+ 6 16.8	2.423	3.320	8.5	20.3
3 12	8 47.03	+ 6 53.1	2.510	3.329	11.2	20.5

431967 2008 UT_{127} 2 5.5 9.°40 5.°2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.92	+27 53.7	1.954	2.790	12.7	20.6
1 12	9 33.28	+29 3.8	1.887	2.791	9.7	20.4
1 22	9 26.26	+30 13.7	1.844	2.792	6.7	20.3
2 1	9 17.58	+31 15.5	1.829	2.793	5.2	20.2
2 11	9 8.34	+32 2.1	1.842	2.794	6.5	20.3
2 21	8 59.71	+32 29.3	1.881	2.796	9.4	20.4
3 2	8 52.75	+32 35.9	1.946	2.798	12.5	20.6
3 12	8 48.21	+32 23.6	2.032	2.800	15.2	20.8

408729 2014 OF_{49} 2 5.5 64.°84 1.°4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.26	+16 21.5	1.465	2.298	16.4	21.0
1 12	9 35.28	+17 7.9	1.408	2.314	12.2	20.8
1 22	9 27.56	+18 5.0	1.374	2.331	7.3	20.6
2 1	9 17.99	+19 5.8	1.365	2.348	2.4	20.3
2 11	9 7.92	+20 2.2	1.384	2.364	3.6	20.4
2 21	8 58.75	+20 47.7	1.430	2.381	8.4	20.7
3 2	8 51.69	+21 18.4	1.502	2.399	12.8	21.0
3 12	8 47.47	+21 33.4	1.594	2.416	16.4	21.3

138255 2000 FJ_{69} 2 5.5 304.°82 3.°2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.18	+ 5 56.6	1.662	2.464	16.1	20.3
1 12	9 32.20	+ 6 6.3	1.574	2.456	12.7	20.1
1 22	9 25.75	+ 6 35.3	1.507	2.447	8.7	19.8
2 1	9 17.48	+ 7 21.9	1.465	2.439	4.6	19.6
2 11	9 8.44	+ 8 21.3	1.451	2.431	3.6	19.5
2 21	8 59.85	+ 9 27.0	1.464	2.423	7.4	19.7
3 2	8 52.87	+10 32.0	1.503	2.415	11.7	19.9
3 12	8 48.37	+11 30.4	1.565	2.408	15.6	20.1

17013 1999 CA_{82} 2 5.5 225.°08 1.°5/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.27	+19 0.2	1.960	2.774	13.6	18.3
1 12	9 38.01	+19 22.0	1.866	2.763	10.2	18.0
1 22	9 29.21	+19 49.5	1.798	2.751	6.3	17.8
2 1	9 18.56	+20 17.8	1.757	2.739	2.3	17.5
2 11	9 7.16	+20 41.4	1.747	2.725	3.3	17.5
2 21	8 56.23	+20 56.2	1.766	2.711	7.6	17.7
3 2	8 46.95	+20 59.9	1.812	2.696	11.6	18.0
3 12	8 40.17	+20 52.2	1.882	2.681	15.1	18.2

343117 2009 DF_{135} 2 5.5 247.°37 0.°6/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.64	+16 27.4	2.635	3.445	10.6	21.3
1 12	9 30.95	+16 55.7	2.541	3.435	7.9	21.1
1 22	9 24.59	+17 30.4	2.472	3.426	4.8	20.9
2 1	9 17.04	+18 8.0	2.433	3.415	1.5	20.6
2 11	9 9.03	+18 44.6	2.425	3.405	2.2	20.6
2 21	9 1.32	+19 16.7	2.446	3.395	5.6	20.8
3 2	8 54.68	+19 41.7	2.496	3.384	8.7	21.0
3 12	8 49.68	+19 57.9	2.571	3.373	11.4	21.2

388674 2007 TH_{435} 2 5.5 27.°86 0.°0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.36	+13 49.1	1.870	2.691	13.8	21.1
1 12	9 31.17	+14 14.2	1.801	2.700	10.4	20.9
1 22	9 24.87	+14 49.7	1.756	2.710	6.4	20.7
2 1	9 17.13	+15 31.5	1.737	2.720	2.0	20.4
2 11	9 8.96	+16 14.3	1.747	2.730	2.4	20.5
2 21	9 1.37	+16 53.2	1.786	2.741	6.6	20.7
3 2	8 55.30	+17 24.3	1.851	2.752	10.4	21.0
3 12	8 51.42	+17 45.4	1.938	2.764	13.7	21.2

190335 1998 SJ_{76} 2 5.5 112.°41 3.°0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.41	+ 4 8.0	2.496	3.263	12.4	21.2
1 12	9 32.10	+ 4 13.7	2.424	3.283	9.7	21.0
1 22	9 25.18	+ 4 32.8	2.376	3.303	6.8	20.9
2 1	9 17.20	+ 5 3.9	2.356	3.322	4.0	20.7
2 11	9 8.91	+ 5 43.9	2.366	3.340	3.2	20.7
2 21	9 1.09	+ 6 29.0	2.406	3.358	5.4	20.9
3 2	8 54.44	+ 7 15.2	2.476	3.376	8.2	21.1
3 12	8 49.48	+ 7 58.6	2.571	3.393	10.8	21.3

89063 2001 TV_{146} 2 5.5 81.°88 7.°1/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.52	+32 50.7	1.783	2.612	14.1	19.0
1 12	9 38.29	+34 8.3	1.738	2.632	11.0	18.9
1 22	9 29.31	+35 19.3	1.717	2.652	8.2	18.8
2 1	9 18.54	+36 14.3	1.722	2.671	7.1	18.7
2 11	9 7.37	+36 46.1	1.755	2.690	8.3	18.8
2 21	8 57.20	+36 52.4	1.815	2.709	10.9	19.0
3 2	8 49.22	+36 34.5	1.898	2.728	13.7	19.3
3 12	8 44.13	+35 57.1	2.002	2.747	16.1	19.5

48537 1993 RO_{7} 2 5.5 38.°89 2.°3/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.28	+19 33.7	1.397	2.238	16.5	18.7
1 12	9 35.43	+20 4.1	1.342	2.252	12.3	18.4
1 22	9 27.69	+20 41.2	1.309	2.267	7.5	18.2
2 1	9 18.06	+21 18.1	1.301	2.283	2.9	18.0
2 11	9 7.95	+21 47.6	1.321	2.299	4.2	18.1
2 21	8 58.84	+22 4.8	1.366	2.316	8.9	18.4
3 2	8 51.95	+22 7.7	1.436	2.333	13.2	18.7
3 12	8 48.04	+21 56.6	1.526	2.351	16.8	19.0

296181 2009 BH_{153} 2 5.5 277.°49 0.°3/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 35.99	+15 16.9	2.326	3.138	11.8	21.6
1 12	9 31.44	+15 41.8	2.232	3.127	8.8	21.4
1 22	9 24.99	+16 14.6	2.163	3.116	5.4	21.2
2 1	9 17.21	+16 51.9	2.122	3.104	1.7	20.9
2 11	9 8.88	+17 29.3	2.111	3.093	2.3	20.9
2 21	9 0.89	+18 3.0	2.130	3.081	6.0	21.2
3 2	8 54.09	+18 29.5	2.177	3.070	9.5	21.4
3 12	8 49.16	+18 47.1	2.247	3.058	12.6	21.5

224576 2005 XJ_{25} 2 5.5 162.°18 2.°7/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.62	+22 58.4	2.584	3.398	10.7	21.8
1 12	9 34.63	+23 47.6	2.509	3.405	7.9	21.6
1 22	9 26.81	+24 38.8	2.461	3.412	5.0	21.4
2 1	9 17.75	+25 27.0	2.443	3.418	2.8	21.3
2 11	9 8.27	+26 7.3	2.456	3.424	3.8	21.4
2 21	8 59.26	+26 36.4	2.500	3.429	6.6	21.6
3 2	8 51.51	+26 52.7	2.571	3.432	9.5	21.8
3 12	8 45.65	+26 56.3	2.667	3.436	11.9	21.9

323102 2002 XD_{10} 2 5.5 35.°81 10.°5/29.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.84	+36 39.3	1.393	2.238	16.4	20.5
1 12	9 37.26	+38 40.1	1.353	2.249	13.4	20.3
1 22	9 29.14	+40 30.2	1.336	2.261	11.1	20.2
2 1	9 18.58	+41 55.4	1.343	2.274	10.6	20.2
2 11	9 7.34	+42 45.5	1.373	2.287	12.1	20.3
2 21	8 57.30	+42 57.7	1.427	2.301	14.7	20.5
3 2	8 49.99	+42 34.9	1.501	2.315	17.4	20.7
3 12	8 46.27	+41 44.4	1.591	2.330	19.9	20.9

363202 2001 UX_{125} 2 5.5 138.°38 3.°3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.71	+ 1 54.6	2.424	3.182	12.9	21.8
1 12	9 32.44	+ 2 20.2	2.344	3.197	10.3	21.6
1 22	9 25.46	+ 3 2.2	2.288	3.211	7.3	21.5
2 1	9 17.33	+ 3 58.8	2.261	3.224	4.4	21.3
2 11	9 8.81	+ 5 6.1	2.263	3.237	3.4	21.3
2 21	9 0.72	+ 6 19.0	2.297	3.248	5.6	21.4
3 2	8 53.82	+ 7 32.3	2.359	3.260	8.6	21.6
3 12	8 48.66	+ 8 41.2	2.448	3.270	11.3	21.8

298778 2004 PC_{19} 2 5.5 158.°72 0.°6/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.26	+16 5.1	2.073	2.878	13.3	22.2
1 12	9 37.64	+16 28.8	1.996	2.887	9.9	21.9
1 22	9 28.78	+16 59.7	1.944	2.896	6.1	21.7
2 1	9 18.41	+17 33.6	1.921	2.903	1.9	21.5
2 11	9 7.54	+18 5.5	1.929	2.910	2.6	21.5
2 21	8 57.28	+18 31.3	1.967	2.916	6.7	21.8
3 2	8 48.62	+18 48.5	2.033	2.921	10.4	22.0
3 12	8 42.27	+18 56.0	2.124	2.924	13.6	22.2

194563 2001 XU_{89} 2 5.5 163.°80 3.°3/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.21	+ 6 31.7	1.801	2.589	15.6	20.7
1 12	9 36.41	+ 6 22.5	1.720	2.594	12.3	20.5
1 22	9 28.18	+ 6 28.9	1.662	2.599	8.4	20.3
2 1	9 18.25	+ 6 49.6	1.631	2.602	4.5	20.0
2 11	9 7.71	+ 7 21.0	1.628	2.606	3.7	20.0
2 21	8 57.75	+ 7 58.4	1.654	2.608	7.1	20.2
3 2	8 49.46	+ 8 36.9	1.707	2.610	11.1	20.4
3 12	8 43.63	+ 9 11.7	1.783	2.611	14.6	20.7

473848 2016 EE_{130} 2 5.5 234.°95 0.°1/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.04	+13 40.0	2.592	3.392	11.1	22.7
1 12	9 32.82	+14 4.4	2.489	3.376	8.4	22.5
1 22	9 25.80	+14 37.1	2.411	3.360	5.2	22.3
2 1	9 17.48	+15 15.0	2.362	3.344	1.7	22.0
2 11	9 8.60	+15 54.4	2.345	3.327	2.0	22.0
2 21	8 59.99	+16 31.5	2.358	3.309	5.5	22.2
3 2	8 52.43	+17 3.1	2.400	3.291	8.9	22.4
3 12	8 46.59	+17 27.1	2.467	3.272	11.8	22.6

327842 2006 WQ_{125} 2 5.5 327.°43 8.°6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.80	+30 50.6	1.410	2.264	15.7	19.8
1 12	9 33.65	+32 48.2	1.337	2.246	12.4	19.5
1 22	9 27.16	+34 47.4	1.287	2.230	9.5	19.3
2 1	9 18.07	+36 34.4	1.262	2.214	8.7	19.2
2 11	9 7.83	+37 55.8	1.262	2.199	10.7	19.3
2 21	8 58.20	+38 43.5	1.286	2.185	14.1	19.4
3 2	8 50.87	+38 55.8	1.330	2.172	17.7	19.6
3 12	8 47.00	+38 36.6	1.391	2.159	21.0	19.8

412582 2014 ON_{38} 2 5.5 237.°14 0.°7/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.36	+15 20.8	1.789	2.606	14.6	21.9
1 12	9 36.08	+15 57.8	1.696	2.593	11.0	21.6
1 22	9 28.18	+16 46.2	1.626	2.580	6.8	21.3
2 1	9 18.32	+17 40.8	1.584	2.566	2.1	21.0
2 11	9 7.58	+18 35.1	1.570	2.551	3.0	21.0
2 21	8 57.26	+19 22.7	1.586	2.536	7.8	21.3
3 2	8 48.59	+19 59.1	1.628	2.521	12.2	21.5
3 12	8 42.50	+20 22.1	1.693	2.504	16.0	21.7

158736 2003 PK_3 2 5.5 228°.11 1°.3/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.31	+19 32.5	2.384	3.194	11.6	20.4
1 12	9 35.35	+19 45.2	2.290	3.185	8.7	20.2
1 22	9 27.37	+20 1.4	2.222	3.175	5.3	20.0
2 1	9 17.98	+20 17.5	2.183	3.164	1.9	19.7
2 11	9 8.05	+20 29.6	2.175	3.153	2.8	19.8
2 21	8 58.53	+20 34.9	2.197	3.142	6.4	20.0
3 2	8 50.33	+20 31.6	2.248	3.130	9.7	20.2
3 12	8 44.13	+20 19.6	2.322	3.118	12.7	20.4

363434 2003 SN_{71} 2 5.5 76°.59 3°.8/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.22	+ 6 5.8	1.563	2.363	17.1	20.5
1 12	9 35.14	+ 5 51.6	1.493	2.373	13.4	20.3
1 22	9 27.48	+ 5 55.3	1.445	2.383	9.2	20.1
2 1	9 18.04	+ 6 15.7	1.421	2.393	5.1	19.9
2 11	9 8.03	+ 6 48.9	1.425	2.403	4.1	19.8
2 21	8 58.74	+ 7 29.3	1.456	2.413	7.6	20.1
3 2	8 51.32	+ 8 11.2	1.513	2.423	11.8	20.3
3 12	8 46.56	+ 8 49.2	1.592	2.433	15.5	20.6

503438 2016 ES_{75} 2 5.5 300°.86 2°.4/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.99	+21 43.1	1.667	2.497	14.9	21.1
1 12	9 37.45	+21 50.9	1.579	2.483	11.2	20.9
1 22	9 29.06	+22 1.6	1.515	2.470	7.0	20.6
2 1	9 18.59	+22 9.8	1.477	2.457	2.9	20.3
2 11	9 7.32	+22 10.0	1.467	2.444	4.1	20.3
2 21	8 56.66	+21 58.8	1.484	2.431	8.6	20.6
3 2	8 47.95	+21 35.2	1.528	2.419	13.0	20.8
3 12	8 42.11	+21 0.1	1.593	2.406	16.8	21.0

385050 2012 UB_{26} 2 5.5 199°.41 2°.3/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.89	+22 48.7	2.575	3.392	10.6	21.4
1 12	9 33.39	+23 13.6	2.492	3.390	7.9	21.2
1 22	9 26.08	+23 40.1	2.436	3.388	4.9	21.0
2 1	9 17.56	+24 4.0	2.408	3.386	2.5	20.8
2 11	9 8.62	+24 21.5	2.411	3.383	3.4	20.9
2 21	9 0.12	+24 29.7	2.445	3.381	6.3	21.1
3 2	8 52.86	+24 27.5	2.506	3.378	9.3	21.3
3 12	8 47.42	+24 15.0	2.591	3.375	11.8	21.4

192507 1998 MQ_{37} 2 5.5 136°.80 1°.1/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.08	+11 37.0	1.930	2.725	14.5	20.8
1 12	9 38.28	+11 48.7	1.859	2.743	11.0	20.6
1 22	9 29.18	+12 11.5	1.813	2.759	6.9	20.4
2 1	9 18.55	+12 41.9	1.795	2.775	2.6	20.2
2 11	9 7.48	+13 15.3	1.807	2.789	2.4	20.2
2 21	8 57.11	+13 47.2	1.850	2.803	6.6	20.5
3 2	8 48.46	+14 14.0	1.920	2.815	10.5	20.7
3 12	8 42.23	+14 33.4	2.014	2.827	13.8	21.0

30981 1995 SJ_4 2 5.5 144°.76 6°.8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.43	− 8 56.4	2.817	3.505	12.8	18.8
1 12	9 31.36	− 9 39.5	2.730	3.512	11.1	18.7
1 22	9 24.77	−10 5.5	2.666	3.519	9.2	18.6
2 1	9 17.14	−10 12.7	2.626	3.526	7.6	18.5
2 11	9 9.12	−10 1.3	2.614	3.532	6.8	18.4
2 21	9 1.42	− 9 33.3	2.630	3.538	7.4	18.5
3 2	8 54.69	− 8 52.3	2.674	3.544	8.9	18.6
3 12	8 49.49	− 8 3.2	2.742	3.549	10.7	18.7

91127 1998 HY_{122} 2 5.5 335°.24 4°.8/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.56	+ 0 45.4	1.810	2.588	16.0	18.8
1 12	9 30.77	+ 0 51.1	1.723	2.584	12.9	18.6
1 22	9 24.79	+ 1 18.7	1.657	2.580	9.5	18.4
2 1	9 17.21	+ 2 7.8	1.616	2.577	6.1	18.2
2 11	9 9.00	+ 3 14.6	1.602	2.573	4.9	18.1
2 21	9 1.21	+ 4 32.9	1.616	2.570	7.3	18.2
3 2	8 54.86	+ 5 55.2	1.656	2.568	10.8	18.4
3 12	8 50.73	+ 7 14.3	1.720	2.565	14.3	18.6

80022 1999 JS 2 5.6 237°.00 16°.9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 50.81	+46 1.9	1.194	2.024	19.5	18.7
1 12	9 46.28	+49 34.5	1.154	2.018	17.7	18.6
1 22	9 36.14	+52 48.3	1.135	2.012	16.9	18.5
2 1	9 21.21	+55 19.5	1.137	2.006	17.7	18.5
2 11	9 4.05	+56 50.9	1.160	1.999	19.6	18.6
2 21	8 48.14	+57 18.6	1.200	1.992	22.1	18.8
3 2	8 36.62	+56 50.1	1.255	1.985	24.5	18.9
3 12	8 31.10	+55 39.6	1.320	1.977	26.7	19.1

136109 2003 FA_{22} 2 5.6 243°.29 2°.1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.89	+ 8 28.3	1.733	2.535	15.6	21.3
1 12	9 35.01	+ 8 44.3	1.638	2.522	12.1	21.0
1 22	9 27.55	+ 9 17.2	1.565	2.509	8.0	20.7
2 1	9 18.15	+10 4.4	1.519	2.496	3.6	20.4
2 11	9 7.88	+11 0.9	1.500	2.482	3.0	20.4
2 21	8 57.98	+12 0.3	1.511	2.468	7.4	20.6
3 2	8 49.69	+12 56.3	1.547	2.453	11.9	20.8
3 12	8 43.94	+13 44.1	1.607	2.437	15.9	21.0

207764 2007 TC_{24} 2 5.6 79°.25 3°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.90	+24 26.6	2.206	3.030	11.9	20.1
1 12	9 34.35	+24 56.9	2.137	3.038	8.9	20.0
1 22	9 26.75	+25 27.8	2.093	3.045	5.7	19.8
2 1	9 17.78	+25 54.2	2.077	3.052	3.2	19.6
2 11	9 8.43	+26 11.3	2.091	3.060	4.3	19.7
2 21	8 59.69	+26 16.3	2.134	3.067	7.3	19.9
3 2	8 52.45	+26 8.5	2.204	3.074	10.4	20.1
3 12	8 47.36	+25 48.6	2.296	3.082	13.1	20.3

116895 2004 FP_{139} 2 5.6 265°.74 6°.5/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.94	− 7 20.2	2.628	3.337	13.2	20.4
1 12	9 29.76	− 7 38.6	2.520	3.321	11.3	20.2
1 22	9 23.94	− 7 38.4	2.433	3.305	9.2	20.0
2 1	9 16.93	− 7 18.1	2.371	3.289	7.3	19.9
2 11	9 9.39	− 6 38.3	2.336	3.272	6.5	19.8
2 21	9 2.05	− 5 41.9	2.329	3.255	7.2	19.8
3 2	8 55.65	− 4 33.4	2.351	3.238	9.2	19.9
3 12	8 50.81	− 3 18.6	2.397	3.221	11.5	20.0

270445 2002 CL_{154} 2 5.6 224°.35 1°.3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.70	+15 23.1	2.070	2.888	12.8	20.7
1 12	9 32.24	+16 37.5	1.985	2.884	9.6	20.5
1 22	9 25.64	+18 3.7	1.924	2.879	5.8	20.3
2 1	9 17.50	+19 35.5	1.892	2.874	2.0	20.0
2 11	9 8.71	+21 5.4	1.890	2.869	3.2	20.1
2 21	9 0.29	+22 26.5	1.918	2.863	7.1	20.3
3 2	8 53.22	+23 33.8	1.974	2.857	10.8	20.5
3 12	8 48.26	+24 24.6	2.053	2.852	14.0	20.7

149634 2004 EU_{72} 2 5.6 78°.34 0°.9/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.03	+14 39.6	1.309	2.144	17.8	20.2
1 12	9 36.27	+15 28.4	1.248	2.154	13.3	19.9
1 22	9 28.42	+16 32.1	1.208	2.165	8.1	19.7
2 1	9 18.40	+17 43.2	1.192	2.175	2.5	19.3
2 11	9 7.70	+18 52.0	1.204	2.185	3.6	19.4
2 21	8 57.91	+19 50.2	1.242	2.196	9.0	19.8
3 2	8 50.43	+20 32.7	1.304	2.206	13.9	20.1
3 12	8 46.12	+20 57.5	1.386	2.216	17.9	20.4

239996 2001 SV_{202} 2 5.6 45°.44 0°.5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.86	+12 10.9	1.136	1.977	19.6	20.4
1 12	9 35.50	+12 39.5	1.088	1.996	14.8	20.2
1 22	9 27.93	+13 26.1	1.059	2.015	9.1	20.0
2 1	9 18.21	+14 24.0	1.053	2.036	3.1	19.7
2 11	9 7.99	+15 24.1	1.073	2.057	3.2	19.7
2 21	8 58.92	+16 17.9	1.118	2.078	8.9	20.1
3 2	8 52.37	+16 59.4	1.186	2.100	14.0	20.5
3 12	8 49.11	+17 25.8	1.275	2.122	18.1	20.8

456356 2006 TT_{84} 2 5.6 93°.76 1°.7/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.47	+10 3.3	1.790	2.594	15.1	22.0
1 12	9 35.01	+10 10.1	1.722	2.609	11.5	21.8
1 22	9 27.26	+10 30.1	1.678	2.624	7.4	21.6
2 1	9 17.98	+11 0.3	1.660	2.639	3.2	21.3
2 11	9 8.25	+11 36.2	1.671	2.653	2.6	21.3
2 21	8 59.22	+12 12.7	1.711	2.668	6.7	21.6
3 2	8 51.88	+12 45.5	1.778	2.682	10.7	21.9
3 12	8 46.93	+13 11.5	1.868	2.696	14.1	22.1

57014 2000 TM_{39} 2 5.6 143°.30 1°.2/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.61	+17 51.7	2.623	3.437	10.5	19.7
1 12	9 30.91	+18 36.0	2.545	3.442	7.8	19.6
1 22	9 24.57	+19 25.9	2.493	3.447	4.7	19.4
2 1	9 17.11	+20 17.2	2.470	3.451	1.7	19.2
2 11	9 9.27	+21 5.6	2.478	3.456	2.6	19.2
2 21	9 1.81	+21 47.2	2.517	3.460	5.7	19.5
3 2	8 55.45	+22 19.3	2.583	3.464	8.7	19.7
3 12	8 50.75	+22 40.8	2.674	3.468	11.3	19.8

371132 2005 WZ_{93} 2 5.6 161°.83 2°.5/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.75	+21 16.7	2.192	3.013	12.1	21.9
1 12	9 34.32	+22 5.7	2.117	3.018	9.0	21.7
1 22	9 26.81	+22 58.9	2.068	3.021	5.6	21.5
2 1	9 17.86	+23 50.6	2.047	3.025	2.7	21.3
2 11	9 8.41	+24 35.1	2.056	3.028	3.9	21.4
2 21	8 59.47	+25 8.1	2.094	3.031	7.2	21.6
3 2	8 51.98	+25 27.6	2.160	3.033	10.5	21.8
3 12	8 46.62	+25 33.3	2.249	3.035	13.4	22.0

56252 1999 JF_{78} 2 5.6 336°.30 7°.9/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.65	+32 41.4	1.549	2.390	15.2	18.2
1 12	9 36.87	+33 52.8	1.481	2.383	12.0	18.0
1 22	9 28.89	+34 59.5	1.436	2.376	9.1	17.8
2 1	9 18.60	+35 50.8	1.417	2.369	7.9	17.7
2 11	9 7.51	+36 17.5	1.423	2.363	9.3	17.8
2 21	8 57.28	+36 15.5	1.453	2.358	12.4	17.9
3 2	8 49.37	+35 45.9	1.506	2.353	15.7	18.1
3 12	8 44.71	+34 53.3	1.578	2.349	18.7	18.3

124805 2001 SY_{278} 2 5.6 107°.04 3°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 45.72	+23 29.4	1.555	2.387	15.7	19.9
1 12	9 39.39	+24 15.0	1.497	2.401	11.7	19.7
1 22	9 30.13	+25 3.1	1.461	2.415	7.4	19.5
2 1	9 18.93	+25 45.5	1.452	2.429	4.1	19.3
2 11	9 7.21	+26 14.6	1.472	2.442	5.4	19.4
2 21	8 56.50	+26 26.4	1.518	2.455	9.4	19.7
3 2	8 48.05	+26 20.1	1.590	2.467	13.4	19.9
3 12	8 42.65	+25 58.1	1.683	2.479	16.7	20.2

429250 2010 BP_{15} 2 5.6 223°.61 4°.5/ 1.1 17

1 2	9 40.92	+32 40.7	3.085	3.895	9.2	22.2
1 12	9 34.82	+33 23.3	2.999	3.884	7.2	22.1
1 22	9 26.96	+34 2.2	2.940	3.872	5.4	21.9
2 1	9 17.89	+34 32.3	2.911	3.860	4.5	21.8
2 11	9 8.38	+34 49.7	2.911	3.847	5.4	21.9
2 21	8 59.25	+34 52.2	2.942	3.834	7.3	22.0
3 2	8 51.27	+34 39.7	2.999	3.820	9.4	22.1
3 12	8 45.04	+34 13.5	3.080	3.806	11.4	22.2

293913 2007 SP_{8} 2 5.6 191°.87 0°.7/ 5.1 18

1 2	9 41.30	+15 21.7	2.001	2.812	13.5	21.9
1 12	9 35.68	+15 59.8	1.916	2.811	10.1	21.7
1 22	9 27.76	+16 47.5	1.856	2.809	6.2	21.5
2 1	9 18.19	+17 40.0	1.824	2.806	1.9	21.2
2 11	9 8.00	+18 31.4	1.821	2.802	2.7	21.2
2 21	8 58.28	+19 16.4	1.849	2.798	7.0	21.5
3 2	8 50.08	+19 51.2	1.904	2.793	10.9	21.7
3 12	8 44.18	+20 14.1	1.982	2.788	14.2	21.9

363846 2005 QT_{68} 2 5.6 129°.90 1°.2/ 4.5 18

1 2	9 38.62	+15 30.0	2.101	2.914	12.8	21.0
1 12	9 33.49	+16 39.9	2.030	2.926	9.5	20.8
1 22	9 26.31	+17 59.6	1.984	2.938	5.7	20.6
2 1	9 17.70	+19 23.1	1.968	2.950	1.9	20.3
2 11	9 8.61	+20 43.4	1.982	2.961	3.0	20.4
2 21	9 0.03	+21 54.4	2.026	2.971	6.8	20.7
3 2	8 52.87	+22 51.9	2.098	2.981	10.3	20.9
3 12	8 47.82	+23 34.1	2.194	2.990	13.3	21.2

222283 2000 SJ_{82} 2 5.6 204°.92 5°.1/ 1.3 18

1 2	9 42.58	+30 35.4	2.363	3.182	11.4	20.7
1 12	9 36.50	+31 34.5	2.285	3.178	8.8	20.5
1 22	9 28.19	+32 31.0	2.233	3.172	6.4	20.3
2 1	9 18.32	+33 18.1	2.210	3.166	5.1	20.3
2 11	9 7.87	+33 50.0	2.216	3.160	6.3	20.3
2 21	8 57.93	+34 3.5	2.251	3.153	8.7	20.5
3 2	8 49.51	+33 58.1	2.312	3.146	11.4	20.6
3 12	8 43.34	+33 35.8	2.395	3.138	13.8	20.8

228761 2002 VJ_{102} 2 5.6 131°.14 0°.0/ 5.4 18

1 2	9 44.03	+14 3.5	1.603	2.419	16.0	21.2
1 12	9 38.01	+14 28.7	1.535	2.431	12.1	21.0
1 22	9 29.27	+15 5.6	1.490	2.443	7.4	20.7
2 1	9 18.67	+15 49.0	1.472	2.454	2.4	20.5
2 11	9 7.51	+16 32.5	1.482	2.464	2.8	20.5
2 21	8 57.14	+17 10.2	1.521	2.474	7.7	20.8
3 2	8 48.78	+17 38.2	1.586	2.484	12.1	21.1
3 12	8 43.22	+17 54.8	1.673	2.492	15.8	21.4

31128 1997 SL_{9} 2 5.6 157°.02 0°.0/ 5.6 18

1 2	9 40.33	+14 6.9	2.200	3.004	12.6	21.0
1 12	9 34.65	+14 28.1	2.121	3.011	9.5	20.9
1 22	9 26.96	+14 57.8	2.067	3.017	5.8	20.6
2 1	9 17.91	+15 32.4	2.041	3.023	1.9	20.4
2 11	9 8.39	+16 7.6	2.046	3.028	2.2	20.4
2 21	8 59.38	+16 39.1	2.081	3.033	6.1	20.7
3 2	8 51.77	+17 4.1	2.144	3.037	9.7	20.9
3 12	8 46.20	+17 20.7	2.231	3.040	12.7	21.1

267463 2002 EQ_{100} 2 5.6 36°.89 1°.0/ 4.9 18

1 2	9 41.17	+18 18.0	1.802	2.625	14.2	20.4
1 12	9 35.68	+18 24.2	1.727	2.628	10.6	20.2
1 22	9 27.76	+18 36.1	1.677	2.632	6.5	19.9
2 1	9 18.18	+18 49.2	1.653	2.635	2.1	19.6
2 11	9 8.08	+18 59.1	1.658	2.639	3.0	19.7
2 21	8 58.67	+19 2.4	1.691	2.643	7.3	20.0
3 2	8 51.01	+18 57.1	1.751	2.647	11.3	20.2
3 12	8 45.85	+18 42.8	1.834	2.651	14.7	20.5

496402 2013 TZ_{110} 2 5.6 187°.45 6°.5/11.3 17

1 2	9 36.46	− 6 54.2	2.546	3.255	13.6	22.6
1 12	9 31.60	− 7 19.5	2.453	3.254	11.6	22.4
1 22	9 25.05	− 7 26.2	2.381	3.254	9.4	22.3
2 1	9 17.30	− 7 13.0	2.334	3.252	7.4	22.1
2 11	9 9.09	− 6 40.7	2.314	3.250	6.5	22.1
2 21	9 1.18	− 5 52.1	2.324	3.248	7.3	22.1
3 2	8 54.33	− 4 51.9	2.361	3.245	9.3	22.2
3 12	8 49.13	− 3 45.9	2.423	3.242	11.5	22.4

463489 2013 QF_{30} 2 5.6 150°.19 0°.1/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.87	+13 19.0	2.356	3.159	11.9	21.6
1 12	9 32.73	+14 5.3	2.277	3.167	8.9	21.4
1 22	9 25.75	+15 1.2	2.225	3.175	5.5	21.2
2 1	9 17.52	+16 2.6	2.201	3.183	1.7	20.9
2 11	9 8.86	+17 4.4	2.208	3.190	2.1	21.0
2 21	9 0.62	+18 1.6	2.246	3.196	5.8	21.2
3 2	8 53.62	+18 50.4	2.312	3.202	9.2	21.5
3 12	8 48.48	+19 28.6	2.403	3.208	12.1	21.7

78503 2002 RO_{81} 2 5.6 26°.68 1°.2/ 6.4 18

1 2	9 35.32	+10 39.9	1.833	2.647	14.4	19.1
1 12	9 31.25	+11 1.7	1.761	2.654	10.9	18.9
1 22	9 25.02	+11 36.8	1.711	2.661	7.0	18.7
2 1	9 17.31	+12 22.0	1.688	2.668	2.7	18.5
2 11	9 9.12	+13 11.9	1.693	2.676	2.4	18.4
2 21	9 1.48	+14 1.0	1.726	2.684	6.5	18.7
3 2	8 55.35	+14 44.6	1.786	2.693	10.5	19.0
3 12	8 51.43	+15 19.2	1.869	2.702	13.9	19.2

179017 2001 RQ_{67} 2 5.6 191°.76 1°.1/ 4.8 18

1 2	9 41.27	+17 59.5	2.159	2.972	12.5	20.6
1 12	9 35.48	+18 22.2	2.075	2.970	9.4	20.4
1 22	9 27.55	+18 50.8	2.015	2.969	5.7	20.1
2 1	9 18.12	+19 20.8	1.985	2.966	1.9	19.9
2 11	9 8.16	+19 47.7	1.984	2.964	2.8	19.9
2 21	8 58.69	+20 7.6	2.014	2.961	6.7	20.2
3 2	8 50.68	+20 18.4	2.071	2.957	10.3	20.4
3 12	8 44.82	+20 19.1	2.151	2.953	13.4	20.6

492704 2014 QA_{18} 2 5.6 256°.47 1°.2/ 6.3 17

1 2	9 40.41	+11 1.4	1.757	2.565	15.2	22.1
1 12	9 35.45	+11 18.1	1.658	2.548	11.7	21.8
1 22	9 27.88	+11 49.0	1.581	2.530	7.5	21.6
2 1	9 18.32	+12 31.2	1.532	2.512	2.9	21.2
2 11	9 7.84	+13 19.6	1.511	2.493	2.7	21.2
2 21	8 57.69	+14 8.0	1.518	2.474	7.5	21.4
3 2	8 49.13	+14 51.3	1.552	2.455	12.0	21.6
3 12	8 43.12	+15 25.3	1.608	2.435	16.0	21.8

293124 2006 XZ_{45} 2 5.6 50°.06 0°.3/ 5.4 18

1 2	9 38.76	+14 5.9	1.498	2.327	16.3	20.8
1 12	9 34.15	+14 40.0	1.439	2.343	12.2	20.6
1 22	9 26.92	+15 26.8	1.403	2.359	7.4	20.3
2 1	9 17.93	+16 20.3	1.393	2.375	2.3	20.1
2 11	9 8.46	+17 13.5	1.410	2.392	2.9	20.1
2 21	8 59.83	+17 59.7	1.454	2.409	7.8	20.5
3 2	8 53.17	+18 34.6	1.523	2.427	12.2	20.8
3 12	8 49.22	+18 56.1	1.614	2.444	15.8	21.0

156530 2002 CT_{263} 2 5.6 289°.27 0°.1/ 5.5 18

1 2	9 38.76	+15 4.4	1.904	2.722	13.8	20.6
1 12	9 33.85	+15 20.7	1.822	2.719	10.4	20.3
1 22	9 26.66	+15 46.1	1.763	2.716	6.4	20.1
2 1	9 17.87	+16 16.6	1.731	2.713	2.0	19.8
2 11	9 8.48	+16 47.4	1.728	2.710	2.5	19.8
2 21	8 59.61	+17 14.0	1.754	2.708	6.9	20.1
3 2	8 52.28	+17 33.1	1.807	2.705	10.9	20.3
3 12	8 47.26	+17 42.9	1.882	2.702	14.3	20.5

70938 1999 WZ_{3} 2 5.6 33°.09 0°.7/ 6.1 18

1 2	9 36.92	+12 8.2	1.924	2.736	13.9	18.4
1 12	9 32.39	+12 26.5	1.846	2.739	10.5	18.2
1 22	9 25.71	+12 56.4	1.792	2.742	6.6	18.0
2 1	9 17.55	+13 34.3	1.764	2.745	2.4	17.7
2 11	9 8.87	+14 15.4	1.766	2.749	2.3	17.7
2 21	9 0.71	+14 55.0	1.796	2.752	6.5	18.0
3 2	8 54.03	+15 28.8	1.853	2.756	10.4	18.2
3 12	8 49.53	+15 54.1	1.933	2.760	13.7	18.4

113819 2002 TQ_{217} 2 5.6 53°.14 4°.9/ 1.7 18

1 2	9 38.61	+28 4.3	2.070	2.902	12.3	19.4
1 12	9 33.66	+29 8.4	2.008	2.909	9.3	19.3
1 22	9 26.48	+30 11.4	1.970	2.917	6.4	19.1
2 1	9 17.78	+31 6.2	1.960	2.924	4.9	19.0
2 11	9 8.62	+31 46.5	1.979	2.932	6.1	19.1
2 21	9 0.08	+32 8.6	2.025	2.940	8.9	19.3
3 2	8 53.15	+32 11.8	2.097	2.947	11.7	19.5
3 12	8 48.52	+31 57.8	2.190	2.956	14.3	19.7

352079 2006 WM_{151} 2 5.6 188°.64 7°.6/13.9 18

1 2	9 35.86	−16 18.2	3.401	4.022	11.8	21.9
1 12	9 30.82	−17 4.8	3.304	4.021	10.6	21.8
1 22	9 24.44	−17 34.5	3.227	4.019	9.3	21.7
2 1	9 17.11	−17 45.0	3.174	4.017	8.2	21.6
2 11	9 9.39	−17 36.0	3.147	4.014	7.6	21.6
2 21	9 1.87	−17 8.6	3.148	4.011	7.8	21.6
3 2	8 55.14	−16 25.8	3.174	4.007	8.6	21.6
3 12	8 49.70	−15 31.8	3.226	4.003	9.9	21.7

492661 2014 PF_3 2 5.6 126°.81 0°.3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.24	+13 17.4	1.708	2.523	15.2	22.1
1 12	9 35.83	+13 37.5	1.635	2.530	11.5	21.9
1 22	9 27.91	+14 9.1	1.586	2.538	7.1	21.6
2 1	9 18.26	+14 48.2	1.563	2.545	2.4	21.4
2 11	9 8.05	+15 28.9	1.569	2.551	2.6	21.4
2 21	8 58.50	+16 5.9	1.603	2.558	7.3	21.7
3 2	8 50.75	+16 35.2	1.664	2.564	11.5	22.0
3 12	8 45.57	+16 54.3	1.747	2.570	15.1	22.2

142936 2002 VZ_{66} 2 5.6 103°.19 0°.0/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.91	+13 41.0	1.795	2.610	14.6	20.7
1 12	9 34.69	+14 12.7	1.726	2.622	10.9	20.5
1 22	9 27.14	+14 55.6	1.681	2.634	6.7	20.2
2 1	9 18.01	+15 44.9	1.664	2.646	2.1	20.0
2 11	9 8.39	+16 34.6	1.675	2.657	2.5	20.0
2 21	8 59.42	+17 19.2	1.715	2.668	7.0	20.3
3 2	8 52.15	+17 54.7	1.781	2.679	11.0	20.6
3 12	8 47.28	+18 18.9	1.871	2.690	14.4	20.8

412875 2014 QL_{18} 2 5.6 205°.69 0°.2/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.39	+13 29.0	2.004	2.809	13.6	22.5
1 12	9 35.77	+13 50.9	1.914	2.805	10.3	22.3
1 22	9 27.85	+14 23.1	1.849	2.799	6.4	22.1
2 1	9 18.28	+15 1.9	1.811	2.793	2.1	21.8
2 11	9 8.05	+15 42.4	1.804	2.786	2.4	21.8
2 21	8 58.26	+16 19.7	1.826	2.779	6.7	22.0
3 2	8 49.97	+16 50.0	1.876	2.771	10.7	22.3
3 12	8 43.95	+17 11.0	1.949	2.762	14.1	22.5

135699 2002 PH_{17} 2 5.6 249°.43 0°.1/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.74	+13 17.0	1.862	2.674	14.3	21.3
1 12	9 34.80	+13 45.2	1.766	2.661	10.8	21.0
1 22	9 27.40	+14 25.7	1.695	2.646	6.8	20.8
2 1	9 18.17	+15 14.4	1.650	2.632	2.2	20.4
2 11	9 8.14	+16 5.6	1.634	2.617	2.5	20.4
2 21	8 58.48	+16 53.5	1.648	2.601	7.2	20.7
3 2	8 50.34	+17 33.4	1.688	2.586	11.5	20.9
3 12	8 44.61	+18 2.2	1.751	2.570	15.3	21.1

488935 2005 UC_{103} 2 5.6 310°.67 5°.7/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.48	+25 1.2	1.340	2.188	16.7	20.9
1 12	9 37.02	+26 17.9	1.271	2.183	12.7	20.7
1 22	9 29.16	+27 39.5	1.224	2.178	8.4	20.4
2 1	9 18.79	+28 54.8	1.201	2.173	5.7	20.2
2 11	9 7.45	+29 52.3	1.205	2.168	7.6	20.3
2 21	8 56.92	+30 24.9	1.233	2.164	11.8	20.5
3 2	8 48.81	+30 30.7	1.284	2.159	16.1	20.8
3 12	8 44.16	+30 12.4	1.354	2.155	19.8	21.0

180536 2004 EV 2 5.6 279°.14 7°.9/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 56.83	+37 19.1	1.843	2.649	14.7	20.4
1 12	9 48.03	+37 42.5	1.751	2.627	11.9	20.1
1 22	9 35.70	+37 54.0	1.682	2.606	9.3	19.9
2 1	9 20.83	+37 43.9	1.640	2.584	7.9	19.8
2 11	9 5.10	+37 4.9	1.627	2.561	8.9	19.8
2 21	8 50.37	+35 55.9	1.642	2.539	11.7	19.9
3 2	8 38.26	+34 21.3	1.684	2.517	15.0	20.1
3 12	8 29.74	+32 29.0	1.747	2.494	18.1	20.2

276240 2002 RR_{91} 2 5.6 162°.61 0°.9/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.65	+10 59.1	1.746	2.550	15.4	21.7
1 12	9 36.90	+11 30.3	1.668	2.557	11.7	21.5
1 22	9 28.61	+12 16.0	1.614	2.563	7.4	21.2
2 1	9 18.54	+13 11.8	1.587	2.567	2.7	20.9
2 11	9 7.83	+14 11.5	1.589	2.572	2.5	20.9
2 21	8 57.72	+15 8.5	1.620	2.575	7.2	21.2
3 2	8 49.37	+15 57.8	1.679	2.578	11.5	21.5
3 12	8 43.59	+16 35.9	1.760	2.579	15.2	21.7

431264 2006 UV_{48} 2 5.6 206°.68 3°.3/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.21	+ 2 50.6	2.747	3.508	11.5	21.4
1 12	9 30.57	+ 2 48.5	2.651	3.504	9.2	21.3
1 22	9 24.39	+ 2 59.3	2.578	3.499	6.6	21.1
2 1	9 17.14	+ 3 22.4	2.534	3.495	4.2	20.9
2 11	9 9.48	+ 3 55.5	2.519	3.490	3.4	20.9
2 21	9 2.09	+ 4 35.7	2.535	3.485	5.3	21.0
3 2	8 55.66	+ 5 19.3	2.579	3.479	7.9	21.1
3 12	8 50.73	+ 6 2.4	2.649	3.473	10.5	21.3

225012 2007 EP_{184} 2 5.6 338°.16 11°.7/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 30.60	−11 36.0	1.452	2.190	21.0	19.7
1 12	9 28.48	−12 24.3	1.362	2.173	18.6	19.5
1 22	9 23.78	−12 39.0	1.288	2.158	15.9	19.3
2 1	9 17.08	−12 14.1	1.233	2.143	13.3	19.1
2 11	9 9.46	−11 7.8	1.200	2.130	11.8	19.0
2 21	9 2.21	− 9 24.6	1.190	2.118	12.3	18.9
3 2	8 56.61	− 7 14.6	1.202	2.108	14.5	19.0
3 12	8 53.70	− 4 51.8	1.235	2.098	17.6	19.2

168465 1999 JR_{89} 2 5.6 342°.24 11°.6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 38.50	+42 36.4	1.696	2.526	14.6	18.4
1 12	9 34.92	+44 54.2	1.641	2.514	12.8	18.2
1 22	9 27.98	+47 0.3	1.609	2.504	11.7	18.1
2 1	9 18.46	+48 41.5	1.601	2.494	12.0	18.1
2 11	9 7.86	+49 47.4	1.617	2.485	13.5	18.2
2 21	8 57.98	+50 14.2	1.654	2.477	15.6	18.3
3 2	8 50.47	+50 3.3	1.711	2.469	17.8	18.5
3 12	8 46.43	+49 20.9	1.782	2.463	19.9	18.6

208467 2001 UV_{77} 2 5.6 62°.66 0°.4/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.97	+13 0.2	2.150	2.959	12.7	20.9
1 12	9 32.10	+13 21.4	2.087	2.978	9.5	20.7
1 22	9 25.37	+13 51.9	2.047	2.998	5.9	20.5
2 1	9 17.44	+14 28.2	2.036	3.017	2.0	20.3
2 11	9 9.19	+15 5.8	2.054	3.037	2.1	20.3
2 21	9 1.51	+15 40.6	2.102	3.057	5.8	20.6
3 2	8 55.20	+16 9.5	2.178	3.076	9.3	20.8
3 12	8 50.84	+16 30.4	2.277	3.096	12.2	21.1

7004 Markthiemens 2 5.6 89°.79 3°.3/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.55	+ 5 47.7	1.539	2.336	17.4	17.7
1 12	9 36.11	+ 5 54.3	1.477	2.356	13.6	17.5
1 22	9 28.09	+ 6 20.5	1.437	2.376	9.2	17.3
2 1	9 18.35	+ 7 3.7	1.423	2.395	4.8	17.1
2 11	9 8.13	+ 7 58.2	1.435	2.415	3.8	17.1
2 21	8 58.73	+ 8 57.3	1.476	2.433	7.5	17.3
3 2	8 51.29	+ 9 54.3	1.543	2.452	11.7	17.6
3 12	8 46.53	+10 44.0	1.632	2.470	15.3	17.9

8878 1993 FN_{16} 2 5.6 199°.15 0°.2/ 5.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.33	+14 2.8	2.149	2.960	12.7	18.8
1 12	9 32.58	+14 40.8	2.064	2.958	9.5	18.6
1 22	9 25.82	+15 28.9	2.004	2.956	5.8	18.3
2 1	9 17.64	+16 22.9	1.972	2.954	1.8	18.1
2 11	9 8.91	+17 17.5	1.970	2.952	2.3	18.1
2 21	9 0.60	+18 7.6	1.998	2.950	6.3	18.3
3 2	8 53.61	+18 49.2	2.053	2.947	10.0	18.6
3 12	8 48.64	+19 20.0	2.132	2.944	13.1	18.8

305766 2009 DT_{32} 2 5.6 13°.46 2°.3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.71	+18 37.4	1.257	2.105	17.6	20.5
1 12	9 34.77	+19 14.0	1.193	2.107	13.1	20.3
1 22	9 27.65	+20 0.5	1.151	2.111	8.0	20.0
2 1	9 18.28	+20 49.4	1.133	2.115	3.0	19.7
2 11	9 8.18	+21 31.7	1.140	2.119	4.5	19.8
2 21	8 58.98	+22 0.9	1.173	2.125	9.7	20.1
3 2	8 52.13	+22 13.4	1.228	2.131	14.5	20.4
3 12	8 48.52	+22 9.1	1.303	2.139	18.6	20.7

343189 2009 UO_{146} 2 5.6 131°.15 1°.8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.74	+ 8 59.3	2.122	2.917	13.3	22.0
1 12	9 32.80	+ 9 12.0	2.042	2.923	10.2	21.8
1 22	9 25.90	+ 9 37.3	1.986	2.929	6.7	21.6
2 1	9 17.64	+10 12.6	1.958	2.935	3.0	21.4
2 11	9 8.93	+10 54.1	1.959	2.941	2.4	21.4
2 21	9 0.68	+11 37.1	1.990	2.946	6.0	21.6
3 2	8 53.78	+12 17.4	2.049	2.951	9.5	21.8
3 12	8 48.89	+12 51.8	2.131	2.956	12.7	22.0

319589 2006 SG_{149} 2 5.6 37°.73 4°.7/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.34	+26 3.7	1.551	2.388	15.4	21.5
1 12	9 37.78	+26 42.1	1.487	2.393	11.6	21.3
1 22	9 29.28	+27 20.2	1.446	2.398	7.6	21.0
2 1	9 18.76	+27 50.3	1.431	2.404	4.8	20.9
2 11	9 7.67	+28 5.0	1.443	2.409	6.1	21.0
2 21	8 57.50	+28 1.0	1.482	2.415	9.9	21.2
3 2	8 49.56	+27 38.3	1.545	2.421	13.7	21.5
3 12	8 44.65	+26 59.7	1.629	2.428	17.1	21.7

2889 Brno 2 5.6 146°.94 3°.9/ 9.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.69	+ 1 17.9	2.556	3.312	12.4	16.9
1 12	9 30.97	+ 1 14.8	2.470	3.318	10.0	16.7
1 22	9 24.65	+ 1 26.4	2.408	3.324	7.3	16.5
2 1	9 17.23	+ 1 52.2	2.373	3.329	4.8	16.4
2 11	9 9.43	+ 2 29.7	2.367	3.334	4.0	16.3
2 21	9 1.97	+ 3 15.6	2.391	3.339	5.7	16.5
3 2	8 55.58	+ 4 5.5	2.443	3.344	8.3	16.6
3 12	8 50.80	+ 4 55.2	2.521	3.348	10.9	16.8

130635 2000 SB_{63} 2 5.6 167°.32 0°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.84	+12 28.9	1.886	2.691	14.4	20.6
1 12	9 36.14	+12 50.1	1.806	2.696	10.9	20.4
1 22	9 28.08	+13 22.8	1.750	2.699	6.8	20.2
2 1	9 18.38	+14 3.3	1.722	2.703	2.4	19.9
2 11	9 8.09	+14 46.2	1.723	2.705	2.4	19.9
2 21	8 58.35	+15 26.4	1.753	2.707	6.8	20.2
3 2	8 50.24	+15 59.9	1.811	2.708	10.9	20.4
3 12	8 44.52	+16 24.0	1.892	2.709	14.3	20.7

430087 2013 SM_{58} 2 5.6 115°.99 2°.5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.34	+ 8 20.1	2.245	3.030	13.0	21.2
1 12	9 34.57	+ 7 59.9	2.167	3.040	10.1	21.0
1 22	9 26.90	+ 7 50.4	2.112	3.050	6.8	20.9
2 1	9 17.96	+ 7 50.4	2.086	3.059	3.5	20.7
2 11	9 8.62	+ 7 57.6	2.090	3.068	2.9	20.6
2 21	8 59.79	+ 8 9.4	2.124	3.078	5.9	20.8
3 2	8 52.31	+ 8 22.6	2.186	3.086	9.1	21.1
3 12	8 46.79	+ 8 34.4	2.273	3.095	12.1	21.3

518851 2010 DX_{29} 2 5.6 10°.06 3°.4/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 33.42	+ 3 31.7	2.029	2.814	14.2	20.7
1 12	9 29.71	+ 3 50.0	1.946	2.816	11.3	20.5
1 22	9 24.08	+ 4 26.3	1.886	2.817	7.9	20.3
2 1	9 17.09	+ 5 19.0	1.851	2.819	4.6	20.1
2 11	9 9.61	+ 6 23.9	1.845	2.822	3.5	20.0
2 21	9 2.54	+ 7 35.3	1.867	2.824	6.2	20.2
3 2	8 56.75	+ 8 47.0	1.917	2.828	9.7	20.4
3 12	8 52.90	+ 9 53.6	1.992	2.831	12.8	20.6

168860 2000 VH_{21} 2 5.6 12°.49 5°.8/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.53	+ 2 9.7	1.330	2.133	19.4	19.6
1 12	9 32.91	+ 1 49.6	1.258	2.135	15.6	19.4
1 22	9 26.44	+ 1 54.3	1.206	2.137	11.4	19.2
2 1	9 17.92	+ 2 24.4	1.175	2.140	7.3	18.9
2 11	9 8.63	+ 3 16.0	1.170	2.143	5.9	18.9
2 21	9 0.03	+ 4 21.8	1.190	2.148	8.8	19.0
3 2	8 53.42	+ 5 33.0	1.234	2.152	13.1	19.3
3 12	8 49.73	+ 6 41.0	1.299	2.158	17.2	19.5

330021 2005 UC_{106} 2 5.6 54°.77 1°.4/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.00	+10 7.4	1.639	2.453	15.8	20.8
1 12	9 33.38	+10 30.5	1.578	2.471	12.0	20.6
1 22	9 26.39	+11 8.7	1.540	2.489	7.6	20.4
2 1	9 17.82	+11 57.9	1.527	2.507	3.0	20.1
2 11	9 8.81	+12 52.0	1.542	2.525	2.6	20.1
2 21	9 0.54	+13 44.8	1.585	2.543	7.0	20.4
3 2	8 54.03	+14 31.0	1.654	2.562	11.1	20.7
3 12	8 49.98	+15 7.2	1.746	2.581	14.6	21.0

347006 2010 DX_{21} 2 5.6 50°.59 1°.1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.68	+13 33.2	1.203	2.037	19.2	20.0
1 12	9 38.37	+13 21.9	1.145	2.049	14.5	19.8
1 22	9 29.78	+13 23.9	1.107	2.061	9.1	19.5
2 1	9 18.95	+13 35.4	1.093	2.075	3.3	19.2
2 11	9 7.52	+13 50.7	1.105	2.088	3.2	19.2
2 21	8 57.20	+14 4.5	1.142	2.102	8.8	19.6
3 2	8 49.43	+14 12.7	1.203	2.116	13.9	19.9
3 12	8 45.04	+14 13.1	1.285	2.130	18.1	20.2

65173 2002 CP_{203} 2 5.6 167°.98 1°.4/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.10	+18 56.2	2.373	3.185	11.6	20.4
1 12	9 34.44	+19 25.2	2.293	3.189	8.6	20.2
1 22	9 26.85	+19 59.0	2.239	3.192	5.2	20.0
2 1	9 17.96	+20 33.2	2.214	3.195	1.9	19.8
2 11	9 8.63	+21 3.4	2.220	3.198	2.8	19.9
2 21	8 59.76	+21 26.2	2.256	3.200	6.3	20.1
3 2	8 52.22	+21 39.4	2.319	3.201	9.5	20.3
3 12	8 46.63	+21 42.5	2.407	3.202	12.3	20.5

473756 2016 EZ_{32} 2 5.6 332°.33 8°.2/31.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.14	+33 10.1	1.559	2.401	15.1	21.3
1 12	9 36.58	+34 33.3	1.492	2.393	12.0	21.1
1 22	9 28.81	+35 51.9	1.448	2.385	9.3	20.9
2 1	9 18.70	+36 54.8	1.429	2.378	8.2	20.8
2 11	9 7.74	+37 32.2	1.435	2.371	9.7	20.9
2 21	8 57.59	+37 39.6	1.466	2.365	12.7	21.1
3 2	8 49.73	+37 17.7	1.519	2.359	16.0	21.2
3 12	8 45.13	+36 31.1	1.590	2.354	18.9	21.4

121863 2000 CO_{75} 2 5.6 75°.73 4°.5/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.13	+ 1 53.2	1.363	2.152	19.7	19.5
1 12	9 37.37	+ 2 15.9	1.316	2.186	15.5	19.3
1 22	9 28.87	+ 3 5.0	1.288	2.219	10.8	19.2
2 1	9 18.61	+ 4 16.7	1.284	2.252	6.2	19.0
2 11	9 8.00	+ 5 43.5	1.308	2.284	4.7	19.0
2 21	8 58.46	+ 7 15.4	1.359	2.316	8.0	19.3
3 2	8 51.14	+ 8 43.4	1.436	2.347	12.2	19.6
3 12	8 46.73	+10 0.5	1.535	2.377	15.9	19.9

127745 2003 FV_{13} 2 5.6 203°.12 1°.0/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.49	+10 38.9	1.806	2.611	14.9	20.2
1 12	9 35.34	+11 9.0	1.719	2.607	11.4	20.0
1 22	9 27.72	+11 54.0	1.655	2.604	7.3	19.7
2 1	9 18.32	+12 49.9	1.619	2.599	2.7	19.4
2 11	9 8.20	+13 50.9	1.611	2.594	2.5	19.4
2 21	8 58.53	+14 50.5	1.633	2.588	7.1	19.7
3 2	8 50.48	+15 43.2	1.681	2.582	11.4	19.9
3 12	8 44.87	+16 25.4	1.753	2.575	15.1	20.1

424288 2007 TH_{144} 2 5.6 67°.39 4°.2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.53	+27 33.0	2.140	2.967	12.1	20.3
1 12	9 34.97	+28 14.2	2.077	2.977	9.2	20.2
1 22	9 27.24	+28 53.8	2.039	2.987	6.2	20.0
2 1	9 18.09	+29 25.8	2.029	2.997	4.3	19.9
2 11	9 8.56	+29 44.9	2.048	3.007	5.4	20.0
2 21	8 59.70	+29 48.6	2.095	3.017	8.2	20.2
3 2	8 52.46	+29 36.5	2.169	3.028	11.1	20.4
3 12	8 47.47	+29 10.3	2.265	3.038	13.7	20.6

63667 2001 QK_{130} 2 5.6 143°.98 3°.2/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.18	+ 2 22.0	2.741	3.500	11.6	20.1
1 12	9 30.50	+ 2 31.8	2.656	3.508	9.2	20.0
1 22	9 24.33	+ 2 55.2	2.596	3.516	6.6	19.8
2 1	9 17.16	+ 3 31.1	2.563	3.524	4.1	19.7
2 11	9 9.63	+ 4 16.9	2.560	3.532	3.3	19.6
2 21	9 2.45	+ 5 8.8	2.588	3.539	5.1	19.7
3 2	8 56.25	+ 6 3.0	2.644	3.545	7.7	19.9
3 12	8 51.54	+ 6 55.3	2.727	3.551	10.2	20.1

263730 2008 HQ_{56} 2 5.6 120°.97 2°.7/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.57	+21 4.6	1.881	2.708	13.5	20.9
1 12	9 35.26	+21 51.8	1.811	2.714	10.1	20.7
1 22	9 27.57	+22 43.8	1.766	2.720	6.2	20.5
2 1	9 18.25	+23 34.3	1.748	2.727	3.0	20.3
2 11	9 8.39	+24 16.7	1.759	2.733	4.2	20.4
2 21	8 59.18	+24 46.4	1.799	2.738	8.0	20.6
3 2	8 51.66	+25 1.2	1.865	2.744	11.6	20.9
3 12	8 46.58	+25 1.3	1.953	2.749	14.7	21.1

278430 2007 RC_{270} 2 5.6 138°.09 4°.5/10.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.66	− 3 2.4	3.077	3.798	11.2	21.5
1 12	9 30.68	− 3 11.8	2.994	3.812	9.3	21.4
1 22	9 24.36	− 3 6.9	2.934	3.825	7.1	21.3
2 1	9 17.16	− 2 47.9	2.901	3.838	5.3	21.2
2 11	9 9.67	− 2 16.3	2.899	3.850	4.5	21.1
2 21	9 2.49	− 1 34.8	2.926	3.862	5.5	21.2
3 2	8 56.21	− 0 47.0	2.982	3.873	7.3	21.3
3 12	8 51.28	+ 0 3.2	3.065	3.883	9.4	21.5

158617 2003 AY_{55} 2 5.6 51°.62 5°.8/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.12	+ 1 59.9	1.234	2.038	20.6	19.8
1 12	9 34.87	+ 1 44.6	1.175	2.052	16.5	19.6
1 22	9 27.63	+ 1 56.4	1.135	2.067	11.8	19.4
2 1	9 18.30	+ 2 34.7	1.116	2.082	7.4	19.2
2 11	9 8.36	+ 3 34.4	1.123	2.097	5.9	19.1
2 21	8 59.32	+ 4 46.8	1.155	2.113	9.0	19.3
3 2	8 52.52	+ 6 2.4	1.210	2.129	13.3	19.6
3 12	8 48.81	+ 7 12.4	1.287	2.145	17.4	19.9

248643 2006 GR_{40} 2 5.6 269°.35 5°.9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.88	+25 46.8	1.674	2.512	14.4	20.8
1 12	9 36.32	+27 31.6	1.586	2.492	11.0	20.6
1 22	9 28.74	+29 23.5	1.522	2.472	7.6	20.3
2 1	9 18.78	+31 11.5	1.486	2.451	5.9	20.2
2 11	9 7.64	+32 43.8	1.477	2.430	7.8	20.2
2 21	8 56.84	+33 51.7	1.496	2.409	11.5	20.4
3 2	8 47.89	+34 31.5	1.538	2.387	15.3	20.6
3 12	8 41.94	+34 44.3	1.599	2.365	18.7	20.7

69811 1998 RC_{47} 2 5.6 82°.16 6°.6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.99	− 6 17.7	2.124	2.852	15.4	19.7
1 12	9 30.78	− 6 22.6	2.043	2.861	13.0	19.5
1 22	9 24.70	− 6 4.6	1.983	2.870	10.3	19.3
2 1	9 17.32	− 5 22.9	1.948	2.879	7.8	19.2
2 11	9 9.49	− 4 20.0	1.939	2.887	6.6	19.1
2 21	9 2.09	− 3 0.8	1.959	2.896	7.6	19.2
3 2	8 55.95	− 1 32.1	2.006	2.905	9.9	19.4
3 12	8 51.72	− 0 1.4	2.077	2.914	12.5	19.6

336470 2008 VQ_{14} 2 5.6 53°.36 3°.9/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.92	+ 3 15.4	2.020	2.800	14.5	20.2
1 12	9 31.53	+ 3 10.8	1.944	2.808	11.5	20.0
1 22	9 25.17	+ 3 23.1	1.890	2.817	8.2	19.8
2 1	9 17.47	+ 3 51.2	1.862	2.826	5.0	19.6
2 11	9 9.32	+ 4 32.0	1.862	2.836	4.1	19.6
2 21	9 1.66	+ 5 20.9	1.891	2.845	6.4	19.7
3 2	8 55.36	+ 6 12.7	1.947	2.855	9.7	20.0
3 12	8 51.06	+ 7 2.2	2.027	2.864	12.8	20.2

465313 2007 UN_{43} 2 5.6 138°.93 0°.2/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.71	+13 19.6	2.767	3.565	10.5	22.1
1 12	9 31.62	+13 46.4	2.689	3.576	7.9	22.0
1 22	9 25.01	+14 20.7	2.638	3.587	4.9	21.8
2 1	9 17.39	+14 59.3	2.615	3.597	1.6	21.6
2 11	9 9.43	+15 38.8	2.624	3.607	1.7	21.6
2 21	9 1.86	+16 15.8	2.664	3.616	4.9	21.8
3 2	8 55.34	+16 47.6	2.733	3.625	7.9	22.0
3 12	8 50.37	+17 12.2	2.828	3.634	10.4	22.2

377424 2004 TW_{165} 2 5.6 163°.95 0°.6/ 5.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.54	+16 23.5	2.441	3.247	11.5	22.5
1 12	9 33.96	+16 50.2	2.360	3.253	8.6	22.3
1 22	9 26.55	+17 23.2	2.305	3.257	5.2	22.1
2 1	9 17.90	+17 58.8	2.280	3.262	1.7	21.9
2 11	9 8.83	+18 32.7	2.285	3.265	2.3	21.9
2 21	9 0.20	+19 1.4	2.320	3.268	5.8	22.2
3 2	8 52.82	+19 22.4	2.384	3.271	9.1	22.4
3 12	8 47.29	+19 34.5	2.473	3.273	11.9	22.6

128035 2003 KK_{18} 2 5.6 252°.13 3°.9/ 7.9 18

1 2	9 39.65	+ 5 15.9	1.627	2.422	16.8	20.6
1 12	9 34.97	+ 5 7.1	1.538	2.414	13.3	20.3
1 22	9 27.64	+ 5 16.9	1.470	2.406	9.3	20.1
2 1	9 18.36	+ 5 44.7	1.427	2.397	5.3	19.8
2 11	9 8.23	+ 6 27.0	1.411	2.388	4.2	19.7
2 21	8 58.56	+ 7 18.0	1.423	2.379	7.8	19.9
3 2	8 50.58	+ 8 11.4	1.460	2.370	12.1	20.1
3 12	8 45.23	+ 9 1.1	1.520	2.361	16.1	20.3

67508 2000 RD_{50} 2 5.6 256°.57 4°.8/ 2.6 18

1 2	9 42.57	+25 3.5	1.644	2.479	14.8	17.8
1 12	9 37.38	+26 5.2	1.564	2.469	11.2	17.5
1 22	9 29.23	+27 10.4	1.506	2.459	7.4	17.3
2 1	9 18.88	+28 10.2	1.476	2.448	4.8	17.1
2 11	9 7.64	+28 55.9	1.473	2.437	6.4	17.2
2 21	8 57.00	+29 21.6	1.497	2.426	10.2	17.4
3 2	8 48.36	+29 25.4	1.545	2.415	14.2	17.6
3 12	8 42.70	+29 9.1	1.614	2.403	17.6	17.8

405874 2006 DK_{200} 2 5.6 308°.45 2°.5/ 5.1 14 C

1 2	9 54.69	+24 43.5	1.347	2.174	17.9	20.9
1 12	9 47.17	+23 59.2	1.251	2.152	13.8	20.5
1 22	9 35.64	+23 8.2	1.177	2.131	8.8	20.2
2 1	9 21.02	+22 4.8	1.129	2.110	3.6	19.8
2 11	9 5.15	+20 45.2	1.110	2.089	4.5	19.8
2 21	8 50.16	+19 10.7	1.119	2.069	10.3	20.1
3 2	8 37.99	+17 26.3	1.153	2.050	15.8	20.3
3 12	8 29.83	+15 38.0	1.209	2.031	20.5	20.6

101954 1999 RY_{33} 2 5.6 233°.34 5°.9/12.6 17 R

1 2	9 33.93	−10 37.8	3.378	4.047	11.2	21.7
1 12	9 29.47	−10 42.3	3.263	4.032	9.7	21.5
1 22	9 23.70	−10 30.1	3.169	4.015	8.1	21.4
2 1	9 17.00	−10 0.1	3.101	3.998	6.6	21.3
2 11	9 9.89	− 9 13.1	3.062	3.981	5.9	21.2
2 21	9 2.93	− 8 11.5	3.051	3.963	6.3	21.2
3 2	8 56.71	− 6 58.8	3.070	3.945	7.7	21.3
3 12	8 51.69	− 5 39.9	3.115	3.926	9.4	21.4

282152 2001 RF_{115} 2 5.6 178°.91 2°.0/ 7.5 18

1 2	9 34.94	+ 6 28.2	2.686	3.464	11.3	21.3
1 12	9 30.42	+ 6 54.0	2.595	3.465	8.8	21.2
1 22	9 24.35	+ 7 32.1	2.530	3.466	5.9	21.0
2 1	9 17.21	+ 8 20.6	2.493	3.466	3.0	20.8
2 11	9 9.66	+ 9 15.8	2.486	3.466	2.3	20.7
2 21	9 2.42	+10 13.7	2.511	3.466	5.0	20.9
3 2	8 56.17	+11 10.1	2.564	3.465	7.9	21.1
3 12	8 51.45	+12 1.7	2.643	3.464	10.6	21.3

201635 2003 SE_{286} 2 5.6 162°.79 0°.1/ 5.5 18

1 2	9 38.73	+15 14.1	2.158	2.969	12.6	20.4
1 12	9 33.60	+15 28.3	2.076	2.970	9.5	20.2
1 22	9 26.44	+15 50.0	2.019	2.971	5.8	20.0
2 1	9 17.90	+16 15.9	1.990	2.972	1.9	19.7
2 11	9 8.88	+16 41.8	1.991	2.973	2.2	19.7
2 21	9 0.34	+17 4.0	2.021	2.973	6.2	20.0
3 2	8 53.17	+17 19.8	2.079	2.974	9.8	20.2
3 12	8 48.04	+17 27.5	2.160	2.975	12.9	20.4

113849 2002 TL_{241} 2 5.6 12°.46 6°.5/31.9 18

1 2	9 40.73	+32 35.1	1.961	2.792	12.9	19.2
1 12	9 35.52	+33 36.2	1.897	2.793	10.1	19.0
1 22	9 27.80	+34 32.3	1.858	2.795	7.6	18.8
2 1	9 18.36	+35 15.6	1.845	2.797	6.5	18.8
2 11	9 8.38	+35 39.5	1.860	2.799	7.6	18.8
2 21	8 59.13	+35 41.1	1.902	2.802	10.2	19.0
3 2	8 51.71	+35 20.9	1.967	2.804	13.0	19.2
3 12	8 46.88	+34 42.1	2.053	2.808	15.5	19.4

432913 2011 QO_{61} 2 5.6 225°.59 4°.7/10.5 17

1 2	9 34.08	− 3 32.1	2.958	3.682	11.6	21.7
1 12	9 29.71	− 3 32.9	2.853	3.673	9.6	21.5
1 22	9 23.90	− 3 18.2	2.770	3.663	7.5	21.4
2 1	9 17.08	− 2 47.6	2.715	3.652	5.5	21.2
2 11	9 9.83	− 2 2.9	2.689	3.642	4.7	21.2
2 21	9 2.80	− 1 7.0	2.692	3.631	5.7	21.2
3 2	8 56.61	− 0 3.9	2.725	3.619	7.8	21.3
3 12	8 51.79	+ 1 1.6	2.784	3.607	10.1	21.5

400161 2006 VY_{84} 2 5.6 63°.72 0°.8/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 43.74	+16 32.3	1.553	2.377	16.1	20.7
1 12	9 37.63	+16 55.8	1.506	2.407	11.9	20.5
1 22	9 28.95	+17 27.7	1.483	2.437	7.2	20.3
2 1	9 18.67	+18 2.1	1.485	2.468	2.3	20.1
2 11	9 8.13	+18 33.0	1.516	2.498	3.0	20.2
2 21	8 58.62	+18 55.9	1.575	2.528	7.7	20.5
3 2	8 51.23	+19 8.2	1.660	2.557	11.7	20.9
3 12	8 46.59	+19 9.5	1.767	2.587	15.1	21.1

330074 2005 VD_{95} 2 5.6 89°.04 2°.3/ 3.9 18

1 2	9 39.35	+19 25.4	1.886	2.712	13.5	21.0
1 12	9 34.29	+20 19.6	1.822	2.725	10.0	20.8
1 22	9 26.96	+21 20.2	1.782	2.737	6.1	20.6
2 1	9 18.08	+22 20.6	1.770	2.750	2.6	20.4
2 11	9 8.73	+23 14.3	1.787	2.762	3.9	20.5
2 21	9 0.03	+23 56.0	1.832	2.774	7.6	20.8
3 2	8 52.98	+24 23.0	1.904	2.786	11.3	21.0
3 12	8 48.28	+24 35.0	1.999	2.798	14.3	21.2

329152 2012 BH_{18} 2 5.6 7°.91 1°.5/ 6.5 16

1 2	9 36.09	+10 59.1	1.286	2.121	18.1	20.9
1 12	9 32.71	+11 8.1	1.218	2.122	13.8	20.7
1 22	9 26.39	+11 34.5	1.170	2.123	8.9	20.4
2 1	9 17.98	+12 14.6	1.146	2.126	3.5	20.1
2 11	9 8.83	+13 1.9	1.147	2.130	3.0	20.0
2 21	9 0.44	+13 48.9	1.174	2.135	8.3	20.4
3 2	8 54.16	+14 29.3	1.224	2.141	13.3	20.7
3 12	8 50.88	+14 58.7	1.295	2.148	17.5	20.9

219757 2001 YQ_{32} 2 5.6 100°.43 3°.7/ 2.9 18

1 2	9 40.40	+23 29.8	1.875	2.705	13.4	20.5
1 12	9 35.18	+24 29.8	1.810	2.714	10.0	20.3
1 22	9 27.56	+25 32.9	1.769	2.723	6.4	20.1
2 1	9 18.29	+26 31.6	1.757	2.731	3.8	20.0
2 11	9 8.49	+27 19.0	1.772	2.739	5.1	20.1
2 21	8 59.37	+27 50.5	1.816	2.747	8.5	20.3
3 2	8 51.98	+28 4.2	1.886	2.755	12.0	20.5
3 12	8 47.06	+28 1.2	1.977	2.763	14.9	20.7

279231 2009 UD_{128} 2 5.6 186°.49 2°.3/ 3.8 18

1 2	9 39.20	+20 37.1	2.199	3.020	12.1	21.3
1 12	9 34.02	+21 24.7	2.120	3.020	9.0	21.1
1 22	9 26.76	+22 17.1	2.065	3.019	5.5	20.9
2 1	9 18.04	+23 8.9	2.040	3.018	2.6	20.7
2 11	9 8.79	+23 54.5	2.044	3.017	3.7	20.8
2 21	9 0.01	+24 29.4	2.077	3.016	7.1	21.0
3 2	8 52.61	+24 51.2	2.138	3.014	10.5	21.2
3 12	8 47.32	+24 59.5	2.222	3.012	13.4	21.4

415836 2001 RW_{72} 2 5.6 133°.99 4°.9/10.1 18

1 2	9 38.28	− 2 21.2	2.422	3.157	13.6	22.1
1 12	9 32.96	− 2 17.6	2.343	3.173	11.1	21.9
1 22	9 25.92	− 1 55.7	2.287	3.188	8.4	21.8
2 1	9 17.74	− 1 16.1	2.257	3.203	5.9	21.7
2 11	9 9.18	− 0 21.6	2.257	3.217	4.9	21.6
2 21	9 1.05	+ 0 43.5	2.287	3.230	6.3	21.7
3 2	8 54.10	+ 1 53.7	2.346	3.243	8.8	21.9
3 12	8 48.91	+ 3 3.8	2.430	3.255	11.3	22.1

135446 2001 VT_{14} 2 5.6 43°.98 2°.4/ 3.9 18

1 2	9 38.35	+21 55.4	2.099	2.925	12.3	19.1
1 12	9 33.34	+22 25.6	2.032	2.935	9.2	18.9
1 22	9 26.28	+22 58.5	1.990	2.944	5.7	18.7
2 1	9 17.86	+23 29.1	1.976	2.954	2.7	18.5
2 11	9 9.05	+23 52.7	1.991	2.964	3.8	18.6
2 21	9 0.84	+24 5.8	2.034	2.975	7.1	18.8
3 2	8 54.13	+24 7.1	2.104	2.985	10.4	19.1
3 12	8 49.55	+23 56.6	2.198	2.996	13.2	19.3

215799 2004 OK_{10} 2 5.6 129°.35 2°.9/ 3.9 18

1 2	9 45.29	+21 21.8	1.695	2.520	14.9	20.8
1 12	9 38.96	+22 3.6	1.631	2.532	11.1	20.6
1 22	9 29.93	+22 49.9	1.590	2.544	6.9	20.3
2 1	9 19.07	+23 33.5	1.577	2.556	3.2	20.1
2 11	9 7.68	+24 7.5	1.593	2.567	4.5	20.3
2 21	8 57.13	+24 27.4	1.637	2.577	8.5	20.5
3 2	8 48.61	+24 31.7	1.706	2.587	12.4	20.8
3 12	8 42.90	+24 21.4	1.798	2.596	15.8	21.0

37041 2000 UZ_{22} 2 5.6 34°.75 1°.4/ 4.6 18

1 2	9 37.66	+16 59.6	1.750	2.578	14.3	19.1
1 12	9 33.24	+17 44.7	1.678	2.582	10.7	18.9
1 22	9 26.44	+18 39.1	1.630	2.587	6.5	18.6
2 1	9 17.97	+19 36.9	1.609	2.591	2.2	18.4
2 11	9 8.92	+20 31.4	1.617	2.596	3.3	18.4
2 21	9 0.48	+21 16.5	1.652	2.601	7.6	18.7
3 2	8 53.72	+21 48.7	1.713	2.607	11.6	19.0
3 12	8 49.39	+22 6.5	1.796	2.612	15.0	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
371689 2007 DT_{57}			2 5.6 287°.25		0°.5/ 5.3 18	
	h m	° ′			°	m
1 2	9 39.31	+15 55.7	1.871	2.690	13.9	21.4
1 12	9 34.36	+16 16.7	1.790	2.689	10.4	21.2
1 22	9 27.09	+16 46.2	1.734	2.688	6.4	20.9
2 1	9 18.18	+17 20.1	1.704	2.686	2.0	20.6
2 11	9 8.67	+17 53.1	1.704	2.685	2.7	20.7
2 21	8 59.71	+18 20.6	1.732	2.684	7.1	21.0
3 2	8 52.34	+18 39.3	1.786	2.683	11.1	21.2
3 12	8 47.32	+18 47.7	1.863	2.682	14.5	21.4
123165 2000 TK_{51}			2 5.6 29°.53		3°.8/ 8.6 18	
1 2	9 33.71	+ 2 18.6	1.486	2.286	17.8	18.4
1 12	9 30.49	+ 2 59.4	1.420	2.298	14.1	18.2
1 22	9 24.81	+ 4 6.4	1.375	2.311	9.8	17.9
2 1	9 17.45	+ 5 36.2	1.354	2.325	5.5	17.7
2 11	9 9.54	+ 7 21.1	1.360	2.339	4.0	17.7
2 21	9 2.29	+ 9 11.1	1.394	2.354	7.4	17.9
3 2	8 56.79	+10 56.2	1.453	2.370	11.6	18.2
3 12	8 53.79	+12 28.7	1.535	2.387	15.3	18.5
257332 2009 HD_{105}			2 5.6 138°.89		5°.0/ 1.3 18	
1 2	9 41.54	+26 26.2	2.013	2.840	12.8	21.1
1 12	9 36.04	+28 1.3	1.950	2.850	9.6	21.0
1 22	9 28.12	+29 37.7	1.914	2.860	6.6	20.8
2 1	9 18.52	+31 6.6	1.906	2.869	5.0	20.7
2 11	9 8.33	+32 19.9	1.927	2.878	6.4	20.8
2 21	8 58.72	+33 12.2	1.977	2.886	9.3	21.0
3 2	8 50.79	+33 42.1	2.052	2.894	12.3	21.2
3 12	8 45.30	+33 51.1	2.149	2.901	14.9	21.4
56573 2000 JD_{24}			2 5.6 225°.61		0°.1/ 5.5 18	
1 2	9 43.65	+14 57.7	1.922	2.730	14.1	19.6
1 12	9 37.71	+15 15.7	1.827	2.718	10.7	19.4
1 22	9 29.26	+15 42.9	1.755	2.706	6.6	19.1
2 1	9 18.94	+16 15.6	1.711	2.693	2.1	18.8
2 11	9 7.81	+16 48.5	1.697	2.679	2.6	18.8
2 21	8 57.09	+17 16.9	1.713	2.664	7.2	19.0
3 2	8 47.96	+17 37.3	1.756	2.649	11.4	19.2
3 12	8 41.28	+17 47.9	1.822	2.632	15.1	19.4
28006 1997 XM_{5}			2 5.6 349°.62		6°.6/ 8.2 18	
1 2	9 40.60	+ 4 24.8	1.288	2.096	19.7	17.3
1 12	9 36.19	+ 3 13.6	1.212	2.091	15.9	17.1
1 22	9 28.65	+ 2 20.4	1.154	2.086	11.7	16.8
2 1	9 18.79	+ 1 48.2	1.120	2.083	7.8	16.6
2 11	9 8.01	+ 1 37.1	1.110	2.080	6.8	16.5
2 21	8 57.90	+ 1 44.1	1.125	2.078	9.8	16.7
3 2	8 49.95	+ 2 3.5	1.163	2.077	14.2	16.9
3 12	8 45.18	+ 2 28.3	1.222	2.077	18.3	17.2
417558 2006 UF_{101}			2 5.6 119°.05		1°.6/ 4.5 18	
1 2	9 40.49	+17 37.1	1.868	2.689	13.9	21.9
1 12	9 35.18	+18 23.6	1.799	2.699	10.3	21.7
1 22	9 27.56	+19 18.0	1.755	2.709	6.3	21.5
2 1	9 18.34	+20 14.5	1.738	2.719	2.2	21.2
2 11	9 8.60	+21 6.4	1.750	2.729	3.3	21.3
2 21	8 59.50	+21 48.4	1.792	2.738	7.4	21.6
3 2	8 52.07	+22 17.5	1.859	2.747	11.2	21.8
3 12	8 47.02	+22 32.7	1.950	2.755	14.4	22.1
282863 2007 DF_{33}			2 5.6 204°.83		1°.0/ 6.3 18	
1 2	9 40.93	+10 17.1	1.717	2.523	15.5	21.6
1 12	9 35.84	+10 52.3	1.630	2.520	11.9	21.4
1 22	9 28.17	+11 43.9	1.567	2.515	7.6	21.1
2 1	9 18.60	+12 47.6	1.530	2.510	2.9	20.8
2 11	9 8.24	+13 57.1	1.522	2.505	2.6	20.8
2 21	8 58.35	+15 4.9	1.543	2.499	7.4	21.1
3 2	8 50.14	+16 5.0	1.590	2.492	11.9	21.3
3 12	8 44.50	+16 53.2	1.660	2.484	15.7	21.5
170038 2002 VJ_{32}			2 5.6 83°.81		2°.3/ 7.5 18	
1 2	9 37.18	+ 7 20.1	2.286	3.072	12.8	20.0
1 12	9 32.21	+ 7 26.0	2.216	3.090	9.9	19.8
1 22	9 25.49	+ 7 44.3	2.170	3.108	6.6	19.6
2 1	9 17.63	+ 8 12.9	2.152	3.126	3.4	19.5
2 11	9 9.44	+ 8 48.5	2.164	3.143	2.6	19.4
2 21	9 1.74	+ 9 27.1	2.205	3.161	5.5	19.7
3 2	8 55.31	+10 4.8	2.275	3.178	8.7	19.9
3 12	8 50.69	+10 38.3	2.369	3.195	11.5	20.1
458384 2010 WX_{67}			2 5.6 108°.31		5°.7/ 9.4 18	
1 2	9 40.38	+ 0 2.1	1.939	2.698	15.7	21.3
1 12	9 34.93	− 0 34.3	1.863	2.709	12.8	21.1
1 22	9 27.33	− 0 52.3	1.809	2.720	9.6	20.9
2 1	9 18.26	− 0 51.2	1.781	2.731	6.8	20.7
2 11	9 8.69	− 0 32.6	1.781	2.742	5.8	20.7
2 21	8 59.67	− 0 0.1	1.808	2.752	7.6	20.8
3 2	8 52.16	+ 0 41.2	1.863	2.763	10.5	21.0
3 12	8 46.85	+ 1 25.3	1.942	2.773	13.5	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
362045 2009 BE_{9}			2 5.6 37°.33		0°.1/ 5.7 18	
	h m	° ′			°	m
1 2	9 38.80	+12 53.4	1.121	1.966	19.5	20.4
1 12	9 34.86	+13 25.2	1.073	1.983	14.7	20.2
1 22	9 27.72	+14 14.3	1.044	2.002	9.0	19.9
2 1	9 18.42	+15 13.8	1.039	2.021	2.9	19.6
2 11	9 8.58	+16 14.4	1.059	2.042	3.2	19.7
2 21	8 59.88	+17 7.4	1.103	2.063	9.0	20.1
3 2	8 53.66	+17 47.1	1.171	2.085	14.1	20.4
3 12	8 50.72	+18 10.8	1.258	2.107	18.2	20.8
360767 2005 BG_{38}			2 5.6 182°.01		0°.1/ 5.7 18	
1 2	9 42.83	+14 16.1	2.032	2.836	13.5	21.4
1 12	9 36.81	+14 29.8	1.948	2.838	10.2	21.2
1 22	9 28.53	+14 52.4	1.888	2.838	6.3	20.9
2 1	9 18.66	+15 20.1	1.856	2.838	2.1	20.7
2 11	9 8.22	+15 48.6	1.855	2.837	2.3	20.7
2 21	8 58.29	+16 13.7	1.883	2.836	6.6	20.9
3 2	8 49.89	+16 32.3	1.939	2.833	10.5	21.2
3 12	8 43.77	+16 42.7	2.019	2.831	13.8	21.4
449160 2013 AH_{126}			2 5.6 1°.97		9°.8/14.2 18	
1 2	9 30.63	−12 14.5	1.174	1.929	24.2	19.9
1 12	9 28.93	−11 35.1	1.096	1.927	20.9	19.6
1 22	9 24.28	−10 4.1	1.033	1.926	16.9	19.4
2 1	9 17.41	− 7 37.6	0.990	1.926	12.8	19.2
2 11	9 9.62	− 4 21.7	0.970	1.927	10.0	19.0
2 21	9 2.44	− 0 32.8	0.975	1.930	10.7	19.0
3 2	8 57.32	+ 3 25.7	1.006	1.934	14.3	19.3
3 12	8 55.29	+ 7 11.0	1.061	1.940	18.6	19.5
284359 2006 SF_{116}			2 5.6 173°.94		7°.9/26.7 18	
1 2	9 44.67	+47 0.6	3.086	3.866	10.0	21.4
1 12	9 38.08	+48 21.2	3.035	3.869	8.7	21.3
1 22	9 29.26	+49 30.3	3.010	3.871	8.0	21.3
2 1	9 18.89	+50 21.3	3.011	3.872	8.0	21.3
2 11	9 7.99	+50 49.8	3.039	3.874	8.8	21.4
2 21	8 57.64	+50 54.6	3.092	3.875	10.0	21.4
3 2	8 48.85	+50 36.9	3.167	3.875	11.4	21.5
3 12	8 42.32	+50 0.2	3.261	3.875	12.6	21.7
278884 2008 TF_{79}			2 5.6 237°.99		2°.4/ 7.6 17	
1 2	9 36.78	+ 6 12.0	2.382	3.162	12.5	21.5
1 12	9 32.11	+ 6 28.0	2.280	3.150	9.8	21.3
1 22	9 25.59	+ 6 58.0	2.202	3.137	6.7	21.1
2 1	9 17.73	+ 7 40.1	2.152	3.124	3.5	20.9
2 11	9 9.29	+ 8 31.1	2.131	3.111	2.7	20.8
2 21	9 1.11	+ 9 26.6	2.141	3.097	5.7	21.0
3 2	8 54.03	+10 21.8	2.180	3.082	9.1	21.1
3 12	8 48.72	+11 12.6	2.243	3.067	12.1	21.3
9461 1998 HV_{33}			2 5.6 142°.36		0°.2/ 5.8 18	
1 2	9 38.79	+13 37.7	2.011	2.822	13.4	18.6
1 12	9 33.80	+13 57.4	1.931	2.825	10.1	18.4
1 22	9 26.68	+14 27.0	1.876	2.827	6.3	18.2
2 1	9 18.08	+15 2.7	1.848	2.830	2.1	17.9
2 11	9 8.96	+15 39.9	1.849	2.832	2.3	18.0
2 21	9 0.34	+16 14.0	1.880	2.834	6.4	18.2
3 2	8 53.18	+16 41.6	1.937	2.836	10.2	18.5
3 12	8 48.17	+17 0.3	2.019	2.838	13.5	18.7
151829 2003 FO_{108}			2 5.6 230°.51		2°.1/ 3.7 18	
1 2	9 36.75	+21 31.9	2.619	3.438	10.4	20.3
1 12	9 31.93	+22 9.3	2.535	3.434	7.7	20.2
1 22	9 25.39	+22 49.9	2.476	3.429	4.8	20.0
2 1	9 17.65	+23 29.3	2.446	3.424	2.3	19.8
2 11	9 9.46	+24 3.3	2.447	3.419	3.3	19.8
2 21	9 1.64	+24 28.6	2.477	3.414	6.2	20.0
3 2	8 54.94	+24 43.1	2.535	3.409	9.1	20.2
3 12	8 49.97	+24 46.5	2.617	3.404	11.7	20.4
200139 1997 WS_{18}			2 5.6 113°.43		2°.2/ 3.6 18	
1 2	9 38.87	+21 22.6	2.598	3.412	10.6	21.1
1 12	9 33.37	+22 9.3	2.534	3.431	7.8	21.0
1 22	9 26.17	+22 58.7	2.498	3.450	4.8	20.8
2 1	9 17.87	+23 46.1	2.490	3.468	2.4	20.6
2 11	9 9.26	+24 27.0	2.514	3.486	3.3	20.7
2 21	9 1.15	+24 58.2	2.568	3.503	6.1	20.9
3 2	8 54.26	+25 17.9	2.650	3.520	8.9	21.2
3 12	8 49.15	+25 26.0	2.756	3.536	11.3	21.3
381696 2009 CO_{60}			2 5.6 7°.90		2°.4/ 4.2 18	
1 2	9 39.17	+21 48.8	1.909	2.739	13.3	20.3
1 12	9 34.22	+22 7.6	1.836	2.740	9.9	20.1
1 22	9 26.98	+22 29.2	1.786	2.741	6.1	19.8
2 1	9 18.18	+22 48.7	1.763	2.743	2.8	19.6
2 11	9 8.89	+23 1.2	1.770	2.745	3.8	19.7
2 21	9 0.22	+23 3.4	1.804	2.748	7.5	19.9
3 2	8 53.19	+22 54.0	1.864	2.752	11.2	20.1
3 12	8 48.51	+22 33.3	1.947	2.755	14.3	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
129388 1149 T_{-2}			2 5.6 126°.28	2°.6/ 4.1 18		
	h m	° ′			°	m
1 2	9 45.52	+20 42.9	1.701	2.524	14.9	20.7
1 12	9 39.12	+21 22.8	1.637	2.538	11.1	20.5
1 22	9 30.05	+22 7.6	1.597	2.551	6.8	20.3
2 1	9 19.17	+22 50.4	1.585	2.564	3.0	20.1
2 11	9 7.79	+23 24.4	1.601	2.576	4.2	20.2
2 21	8 57.25	+23 45.1	1.646	2.588	8.4	20.4
3 2	8 48.73	+23 50.9	1.717	2.599	12.3	20.7
3 12	8 42.99	+23 42.5	1.811	2.610	15.6	20.9
274382 2008 RE_{100}			2 5.6 342°.03	2°.5/ 7.4 18		
1 2	9 35.97	+ 7 21.4	1.905	2.705	14.5	20.5
1 12	9 31.84	+ 7 30.5	1.820	2.702	11.3	20.3
1 22	9 25.56	+ 7 55.1	1.758	2.699	7.6	20.0
2 1	9 17.76	+ 8 33.0	1.722	2.697	3.8	19.8
2 11	9 9.37	+ 9 20.2	1.714	2.695	2.9	19.7
2 21	9 1.42	+10 11.4	1.735	2.693	6.5	19.9
3 2	8 54.88	+11 1.3	1.782	2.691	10.3	20.2
3 12	8 50.49	+11 45.3	1.853	2.690	13.8	20.4
62136 2000 SR_6			2 5.6 151°.16	1°.6/ 6.7 18		
1 2	9 43.12	+10 15.7	1.939	2.734	14.4	20.0
1 12	9 37.03	+10 23.1	1.862	2.744	11.1	19.8
1 22	9 28.67	+10 42.7	1.809	2.753	7.1	19.6
2 1	9 18.74	+11 11.6	1.783	2.761	3.0	19.4
2 11	9 8.29	+11 45.7	1.786	2.768	2.5	19.3
2 21	8 58.42	+12 20.3	1.820	2.775	6.5	19.6
3 2	8 50.16	+12 51.3	1.881	2.781	10.4	19.9
3 12	8 44.23	+13 15.9	1.967	2.786	13.8	20.1
136204 2003 WL_7			2 5.6 35°.52	0°.6/ 2.9 15		
1 2	9 20.36	+25 19.4	15.660	16.476	2.0	21.1
1 12	9 18.72	+25 28.5	15.588	16.484	1.4	21.0
1 22	9 16.85	+25 37.3	15.543	16.493	0.9	21.0
2 1	9 14.84	+25 45.6	15.529	16.501	0.6	21.0
2 11	9 12.79	+25 52.7	15.546	16.510	0.8	21.0
2 21	9 10.79	+25 58.5	15.593	16.518	1.2	21.0
3 2	9 8.93	+26 2.4	15.669	16.527	1.8	21.1
3 12	9 7.30	+26 4.4	15.772	16.536	2.3	21.1
315387 2007 VG_{89}			2 5.6 69°.51	2°.0/ 4.4 18		
1 2	9 42.09	+17 53.2	1.474	2.307	16.3	21.3
1 12	9 36.76	+18 44.3	1.422	2.328	12.1	21.1
1 22	9 28.65	+19 44.3	1.393	2.350	7.3	20.9
2 1	9 18.73	+20 45.3	1.390	2.371	2.7	20.7
2 11	9 8.36	+21 39.3	1.414	2.393	4.0	20.8
2 21	8 58.95	+22 20.1	1.466	2.414	8.6	21.1
3 2	8 51.69	+22 44.9	1.543	2.435	12.8	21.4
3 12	8 47.31	+22 53.5	1.641	2.456	16.2	21.7
373387 2013 MQ_6			2 5.6 188°.15	4°.6/ 9.1 18		
1 2	9 39.36	+ 0 56.2	2.343	3.095	13.5	20.6
1 12	9 33.97	+ 0 34.1	2.251	3.095	11.0	20.4
1 22	9 26.70	+ 0 27.1	2.182	3.094	8.1	20.2
2 1	9 18.11	+ 0 35.7	2.139	3.092	5.6	20.1
2 11	9 9.00	+ 0 58.2	2.126	3.090	4.7	20.0
2 21	9 0.24	+ 1 31.4	2.142	3.087	6.5	20.1
3 2	8 52.67	+ 2 11.2	2.187	3.084	9.3	20.3
3 12	8 46.94	+ 2 52.9	2.256	3.080	12.1	20.4
433899 2015 BW_{438}			2 5.6 302°.70	0°.3/ 5.9 17		
1 2	9 36.63	+13 18.7	2.097	2.909	12.9	21.7
1 12	9 32.20	+13 39.0	2.009	2.903	9.8	21.5
1 22	9 25.73	+14 9.4	1.946	2.897	6.1	21.2
2 1	9 17.81	+14 46.5	1.909	2.891	2.1	21.0
2 11	9 9.33	+15 25.7	1.902	2.885	2.2	20.9
2 21	9 1.26	+16 2.7	1.924	2.879	6.2	21.2
3 2	8 54.50	+16 33.5	1.973	2.873	10.0	21.4
3 12	8 49.77	+16 55.9	2.046	2.868	13.2	21.6
95383 2002 CC_{170}			2 5.6 178°.07	3°.0/ 3.4 18		
1 2	9 40.13	+22 41.9	2.100	2.924	12.4	19.6
1 12	9 34.84	+23 27.2	2.023	2.924	9.3	19.4
1 22	9 27.35	+24 15.7	1.972	2.925	5.9	19.2
2 1	9 18.33	+25 1.4	1.949	2.925	3.1	19.0
2 11	9 8.77	+25 38.6	1.955	2.925	4.3	19.1
2 21	8 59.74	+26 3.1	1.990	2.925	7.6	19.3
3 2	8 52.23	+26 13.2	2.052	2.925	11.0	19.5
3 12	8 46.94	+26 9.1	2.136	2.924	13.9	19.7
173985 2001 XB_{157}			2 5.6 80°.39	2°.2/ 7.2 18		
1 2	9 39.22	+ 9 12.0	2.387	3.174	12.3	19.7
1 12	9 33.72	+ 8 49.8	2.308	3.183	9.5	19.6
1 22	9 26.45	+ 8 37.0	2.253	3.191	6.3	19.4
2 1	9 18.00	+ 8 32.3	2.226	3.200	3.2	19.2
2 11	9 9.18	+ 8 33.9	2.230	3.209	2.6	19.2
2 21	9 0.82	+ 8 39.4	2.263	3.217	5.5	19.4
3 2	8 53.71	+ 8 46.1	2.325	3.226	8.7	19.6
3 12	8 48.42	+ 8 51.7	2.412	3.235	11.5	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
416660 2004 TQ_{234}			2 5.6 96°.73	2°.4/ 3.9 18		
	h m	° ′			°	m
1 2	9 40.05	+20 56.7	1.998	2.822	13.0	21.5
1 12	9 34.77	+21 35.5	1.929	2.831	9.6	21.3
1 22	9 27.28	+22 18.5	1.885	2.839	5.9	21.1
2 1	9 18.29	+23 0.0	1.868	2.847	2.7	20.9
2 11	9 8.84	+23 34.5	1.881	2.855	3.8	21.0
2 21	9 0.00	+23 57.9	1.922	2.864	7.4	21.2
3 2	8 52.76	+24 8.2	1.991	2.872	10.9	21.5
3 12	8 47.78	+24 5.5	2.081	2.879	13.9	21.7
308267 2005 GP_{122}			2 5.6 30°.44	0°.7/ 6.0 18		
1 2	9 39.15	+13 0.8	1.247	2.084	18.4	20.7
1 12	9 35.00	+13 10.6	1.188	2.094	13.9	20.5
1 22	9 27.80	+13 35.4	1.150	2.105	8.7	20.2
2 1	9 18.51	+14 10.5	1.135	2.117	3.0	19.9
2 11	9 8.61	+14 48.9	1.146	2.130	3.0	19.9
2 21	8 59.66	+15 23.8	1.183	2.143	8.5	20.3
3 2	8 53.00	+15 50.2	1.243	2.157	13.4	20.6
3 12	8 49.45	+16 5.3	1.324	2.172	17.6	20.9
51565 2001 HQ_1			2 5.7 301°.00	4°.7/ 2.9 18		
1 2	9 42.45	+25 23.8	1.598	2.435	15.0	19.1
1 12	9 37.31	+26 12.3	1.523	2.430	11.4	18.8
1 22	9 29.22	+27 2.8	1.472	2.424	7.5	18.6
2 1	9 19.00	+27 46.8	1.446	2.419	4.8	18.4
2 11	9 8.00	+28 16.5	1.448	2.413	6.2	18.5
2 21	8 57.73	+28 27.0	1.476	2.408	10.0	18.7
3 2	8 49.53	+28 17.2	1.528	2.403	14.0	18.9
3 12	8 44.31	+27 49.3	1.601	2.398	17.4	19.1
192549 1998 TJ_{14}			2 5.7 182°.66	0°.5/ 6.0 18		
1 2	9 37.45	+12 33.1	2.262	3.066	12.3	21.2
1 12	9 32.62	+12 55.3	2.177	3.066	9.3	21.0
1 22	9 25.90	+13 27.3	2.117	3.066	5.8	20.8
2 1	9 17.86	+14 5.9	2.085	3.066	2.1	20.6
2 11	9 9.33	+14 46.9	2.083	3.066	2.0	20.6
2 21	9 1.21	+15 26.0	2.111	3.065	5.8	20.8
3 2	8 54.34	+15 59.6	2.166	3.064	9.3	21.0
3 12	8 49.37	+16 25.4	2.247	3.063	12.4	21.2
58091 3768 T_{-3}			2 5.7 218°.72	0°.5/ 5.2 18		
1 2	9 36.11	+16 1.9	2.926	3.730	9.8	20.7
1 12	9 31.29	+16 29.7	2.832	3.723	7.3	20.5
1 22	9 24.94	+17 3.4	2.763	3.715	4.5	20.3
2 1	9 17.54	+17 40.0	2.724	3.706	1.4	20.1
2 11	9 9.72	+18 15.8	2.717	3.697	1.9	20.1
2 21	9 2.17	+18 47.9	2.740	3.688	5.0	20.3
3 2	8 55.56	+19 13.7	2.792	3.679	7.9	20.5
3 12	8 50.43	+19 31.8	2.869	3.669	10.4	20.7
182690 2001 VH_{49}			2 5.7 89°.50	6°.1/11.2 18		
1 2	9 37.10	− 5 33.2	2.528	3.244	13.5	20.3
1 12	9 32.03	− 6 2.9	2.456	3.265	11.3	20.2
1 22	9 25.37	− 6 14.7	2.407	3.286	9.0	20.1
2 1	9 17.66	− 6 7.8	2.383	3.306	7.0	20.0
2 11	9 9.64	− 5 43.4	2.387	3.327	6.1	20.0
2 21	9 2.05	− 5 4.7	2.420	3.347	6.9	20.1
3 2	8 55.59	− 4 16.0	2.480	3.367	8.8	20.2
3 12	8 50.78	− 3 22.5	2.566	3.386	10.9	20.4
382867 2004 FT_{166}			2 5.7 271°.20	3°.1/ 7.8 17		
1 2	9 38.37	+ 6 14.4	2.505	3.279	12.1	20.6
1 12	9 33.22	+ 5 48.8	2.399	3.263	9.6	20.4
1 22	9 26.27	+ 5 33.6	2.317	3.247	6.7	20.2
2 1	9 18.01	+ 5 28.5	2.263	3.230	4.0	20.0
2 11	9 9.19	+ 5 32.1	2.239	3.214	3.3	19.9
2 21	9 0.62	+ 5 42.3	2.245	3.197	5.8	20.0
3 2	8 53.11	+ 5 56.1	2.280	3.180	8.8	20.2
3 12	8 47.32	+ 6 10.5	2.340	3.163	11.7	20.4
9303 1986 QH_3			2 5.7 88°.04	0°.8/ 5.1 18		
1 2	9 39.36	+14 32.1	1.678	2.500	15.1	18.0
1 12	9 34.59	+15 23.1	1.611	2.511	11.3	17.7
1 22	9 27.34	+16 26.2	1.567	2.522	6.9	17.5
2 1	9 18.38	+17 35.4	1.550	2.532	2.2	17.2
2 11	9 8.86	+18 43.1	1.562	2.543	3.0	17.3
2 21	9 0.01	+19 42.4	1.602	2.554	7.6	17.6
3 2	8 52.93	+20 28.7	1.668	2.564	11.7	17.9
3 12	8 48.38	+21 0.0	1.756	2.575	15.2	18.1
122903 2000 SG_{165}			2 5.7 121°.35	3°.7/ 8.2 18		
1 2	9 39.82	+ 4 39.7	2.101	2.877	14.1	20.0
1 12	9 34.41	+ 4 23.0	2.023	2.887	11.2	19.8
1 22	9 27.00	+ 4 20.8	1.968	2.897	7.9	19.6
2 1	9 18.24	+ 4 32.4	1.940	2.906	4.7	19.5
2 11	9 9.03	+ 4 55.1	1.942	2.915	3.8	19.4
2 21	9 0.32	+ 5 25.4	1.972	2.924	6.3	19.6
3 2	8 53.00	+ 5 59.0	2.030	2.933	9.6	19.8
3 12	8 47.71	+ 6 31.7	2.113	2.941	12.6	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
412077 2013 EN_{122}			2 5.7 271°.03	1°.4/ 4.9 14 C		
	h m	° ′			°	m
1 2	9 42.29	+17 53.6	1.643	2.468	15.2	21.9
1 12	9 37.18	+18 16.3	1.550	2.452	11.5	21.6
1 22	9 29.21	+18 47.5	1.480	2.436	7.1	21.3
2 1	9 19.08	+19 22.0	1.437	2.419	2.5	21.0
2 11	9 7.98	+19 53.2	1.422	2.402	3.5	21.0
2 21	8 57.35	+20 15.7	1.434	2.385	8.4	21.3
3 2	8 48.54	+20 26.1	1.472	2.368	13.1	21.5
3 12	8 42.57	+20 23.4	1.532	2.350	17.1	21.7
78518 2002 RF_{93}			2 5.7 61°.34	1°.5/ 6.7 18		
1 2	9 39.35	+11 20.6	2.058	2.860	13.5	18.7
1 12	9 34.10	+11 10.8	1.983	2.869	10.3	18.5
1 22	9 26.82	+11 10.7	1.932	2.878	6.6	18.3
2 1	9 18.18	+11 18.4	1.908	2.887	2.8	18.1
2 11	9 9.12	+11 30.8	1.914	2.896	2.4	18.1
2 21	9 0.61	+11 44.5	1.949	2.905	6.1	18.3
3 2	8 53.54	+11 56.6	2.011	2.914	9.7	18.6
3 12	8 48.56	+12 4.7	2.098	2.924	12.8	18.8
108989 2001 PD_{55}			2 5.7 189°.15	0°.5/ 5.2 18		
1 2	9 36.20	+14 52.0	2.389	3.199	11.6	20.3
1 12	9 31.66	+15 32.7	2.305	3.199	8.7	20.1
1 22	9 25.31	+16 21.8	2.245	3.198	5.3	19.9
2 1	9 17.71	+17 15.6	2.215	3.197	1.7	19.7
2 11	9 9.63	+18 9.1	2.215	3.196	2.2	19.7
2 21	9 1.92	+18 57.8	2.245	3.195	5.8	19.9
3 2	8 55.39	+19 38.2	2.303	3.194	9.2	20.1
3 12	8 50.64	+20 8.3	2.386	3.193	12.0	20.3
45603 2000 DC_{18}			2 5.7 163°.43	1°.1/ 4.8 18		
1 2	9 38.33	+17 36.2	2.388	3.201	11.5	19.3
1 12	9 33.21	+18 6.4	2.308	3.204	8.6	19.1
1 22	9 26.23	+18 42.5	2.253	3.207	5.2	18.9
2 1	9 18.00	+19 20.4	2.227	3.209	1.8	18.7
2 11	9 9.32	+19 55.6	2.232	3.211	2.6	18.8
2 21	9 1.07	+20 24.6	2.266	3.213	6.0	19.0
3 2	8 54.07	+20 44.7	2.328	3.215	9.3	19.2
3 12	8 48.94	+20 55.0	2.415	3.216	12.1	19.4
283000 2007 TE_{386}			2 5.7 177°.27	0°.0/ 5.5 17		
1 2	9 35.92	+12 51.5	2.537	3.340	11.2	20.7
1 12	9 31.34	+13 35.1	2.452	3.341	8.4	20.5
1 22	9 25.07	+14 28.3	2.392	3.342	5.2	20.3
2 1	9 17.62	+15 27.3	2.360	3.342	1.7	20.1
2 11	9 9.74	+16 27.7	2.360	3.342	1.9	20.1
2 21	9 2.18	+17 24.7	2.390	3.342	5.4	20.4
3 2	8 55.71	+18 14.7	2.449	3.342	8.6	20.6
3 12	8 50.91	+18 55.2	2.533	3.341	11.4	20.7
369650 2011 FB_{23}			2 5.7 27°.58	7°.9/13.1 18		
1 2	9 32.35	− 9 36.0	1.386	2.137	21.3	19.7
1 12	9 29.63	− 8 49.1	1.323	2.154	17.9	19.5
1 22	9 24.40	− 7 21.7	1.277	2.173	14.0	19.3
2 1	9 17.45	− 5 14.6	1.253	2.193	10.2	19.2
2 11	9 9.97	− 2 35.8	1.254	2.214	7.9	19.1
2 21	9 3.21	+ 0 20.9	1.283	2.236	8.9	19.2
3 2	8 58.29	+ 3 19.7	1.338	2.259	12.1	19.4
3 12	8 55.93	+ 6 6.3	1.418	2.283	15.6	19.7
237528 2000 SR_{271}			2 5.7 119°.75	1°.8/ 6.9 18		
1 2	9 40.33	+ 8 8.9	1.741	2.541	15.6	20.6
1 12	9 35.18	+ 8 41.1	1.670	2.554	12.0	20.4
1 22	9 27.65	+ 9 30.3	1.622	2.566	7.8	20.2
2 1	9 18.49	+10 32.5	1.600	2.578	3.4	19.9
2 11	9 8.78	+11 41.6	1.608	2.590	2.7	19.9
2 21	8 59.70	+12 50.6	1.644	2.601	6.9	20.2
3 2	8 52.31	+13 53.5	1.707	2.612	11.0	20.4
3 12	8 47.35	+14 45.8	1.794	2.622	14.5	20.7
406163 2006 WB_{38}			2 5.7 159°.34	2°.7/ 7.8 18		
1 2	9 39.15	+ 5 50.0	2.153	2.933	13.7	22.1
1 12	9 33.94	+ 6 3.2	2.070	2.939	10.7	21.9
1 22	9 26.75	+ 6 31.3	2.010	2.945	7.3	21.7
2 1	9 18.18	+ 7 12.4	1.978	2.950	3.9	21.5
2 11	9 9.12	+ 8 2.5	1.976	2.954	3.0	21.4
2 21	9 0.50	+ 8 56.9	2.003	2.958	6.0	21.6
3 2	8 53.19	+ 9 50.6	2.058	2.962	9.5	21.9
3 12	8 47.88	+10 39.3	2.139	2.964	12.6	22.1
402853 2007 RE_{18}			2 5.7 168°.97	3°.7/ 3.0 18		
1 2	9 42.63	+22 27.9	1.824	2.651	13.9	21.9
1 12	9 37.06	+23 36.0	1.752	2.655	10.4	21.7
1 22	9 28.91	+24 49.1	1.705	2.658	6.6	21.5
2 1	9 18.93	+25 59.3	1.685	2.660	3.8	21.3
2 11	9 8.27	+26 58.4	1.694	2.662	5.2	21.4
2 21	8 58.23	+27 41.0	1.732	2.663	8.8	21.6
3 2	8 49.97	+28 4.4	1.795	2.664	12.5	21.8
3 12	8 44.34	+28 9.5	1.880	2.664	15.7	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
36951 2000 SF_{261}			2 5.7 217°.21	4°.0/ 9.0 18		
	h m	° ′			°	m
1 2	9 36.92	+ 1 25.1	2.299	3.060	13.5	19.6
1 12	9 32.27	+ 1 29.4	2.202	3.054	10.9	19.4
1 22	9 25.75	+ 1 50.6	2.128	3.047	7.9	19.2
2 1	9 17.89	+ 2 28.2	2.081	3.040	5.1	19.0
2 11	9 9.47	+ 3 19.3	2.062	3.033	4.1	19.0
2 21	9 1.34	+ 4 19.7	2.073	3.025	6.2	19.1
3 2	8 54.37	+ 5 24.0	2.113	3.016	9.3	19.2
3 12	8 49.21	+ 6 27.0	2.177	3.008	12.2	19.4
464256 2015 EN_{1}			2 5.7 101°.48	3°.4/ 8.9 18		
1 2	9 34.42	+ 1 56.5	2.274	3.043	13.4	20.8
1 12	9 30.37	+ 2 26.6	2.186	3.045	10.7	20.6
1 22	9 24.55	+ 3 14.9	2.121	3.047	7.6	20.4
2 1	9 17.49	+ 4 19.5	2.084	3.048	4.5	20.2
2 11	9 9.95	+ 5 36.2	2.075	3.050	3.5	20.1
2 21	9 2.77	+ 6 59.5	2.096	3.052	5.8	20.3
3 2	8 56.72	+ 8 23.2	2.146	3.053	8.9	20.5
3 12	8 52.44	+ 9 41.8	2.222	3.055	11.9	20.7
159997 2006 DU_{211}			2 5.7 192°.93	0°.4/ 6.0 17		
1 2	9 37.75	+12 49.2	2.579	3.376	11.2	21.6
1 12	9 32.66	+13 9.8	2.489	3.375	8.5	21.4
1 22	9 25.88	+13 38.7	2.424	3.372	5.3	21.2
2 1	9 17.91	+14 13.2	2.389	3.370	1.9	21.0
2 11	9 9.49	+14 49.5	2.384	3.367	1.8	20.9
2 21	9 1.41	+15 24.2	2.410	3.363	5.3	21.2
3 2	8 54.42	+15 54.2	2.465	3.359	8.5	21.4
3 12	8 49.12	+16 17.3	2.545	3.355	11.3	21.6
340842 2006 WT_{69}			2 5.7 145°.38	0°.8/ 6.4 17		
1 2	9 36.41	+11 44.3	2.800	3.593	10.5	21.7
1 12	9 31.48	+11 58.2	2.718	3.600	8.0	21.5
1 22	9 25.05	+12 19.9	2.661	3.607	5.0	21.3
2 1	9 17.62	+12 47.2	2.634	3.613	1.9	21.1
2 11	9 9.84	+13 17.1	2.637	3.620	1.7	21.1
2 21	9 2.42	+13 46.5	2.671	3.625	4.8	21.3
3 2	8 56.01	+14 12.8	2.734	3.631	7.7	21.5
3 12	8 51.11	+14 33.8	2.823	3.636	10.2	21.7
495524 2014 WS_{9}			2 5.7 101°.09	1°.5/ 6.7 18		
1 2	9 40.16	+10 10.1	1.906	2.707	14.4	21.6
1 12	9 34.83	+10 22.9	1.836	2.721	11.0	21.4
1 22	9 27.34	+10 48.4	1.790	2.736	7.1	21.2
2 1	9 18.39	+11 23.5	1.771	2.750	2.9	20.9
2 11	9 8.99	+12 3.5	1.781	2.764	2.4	20.9
2 21	9 0.22	+12 43.6	1.820	2.777	6.4	21.2
3 2	8 53.01	+13 19.6	1.887	2.790	10.2	21.5
3 12	8 48.04	+13 48.4	1.977	2.803	13.5	21.7
432122 2009 BF_{32}			2 5.7 10°.32	0°.1/ 5.8 17		
1 2	9 37.13	+14 27.0	1.953	2.771	13.5	21.2
1 12	9 32.65	+14 38.1	1.875	2.772	10.2	21.0
1 22	9 26.06	+14 58.2	1.821	2.774	6.3	20.8
2 1	9 17.99	+15 23.8	1.794	2.776	2.1	20.5
2 11	9 9.43	+15 50.5	1.796	2.779	2.3	20.5
2 21	9 1.38	+16 14.3	1.826	2.782	6.5	20.8
3 2	8 54.80	+16 32.0	1.883	2.785	10.3	21.1
3 12	8 50.37	+16 41.5	1.963	2.789	13.6	21.3
210395 2007 VR_{185}			2 5.7 191°.98	0°.9/ 5.1 18		
1 2	9 41.63	+16 23.2	1.740	2.560	14.8	20.8
1 12	9 36.34	+16 49.6	1.660	2.560	11.1	20.5
1 22	9 28.49	+17 25.1	1.605	2.559	6.8	20.3
2 1	9 18.82	+18 4.7	1.576	2.558	2.2	20.0
2 11	9 8.47	+18 42.5	1.575	2.557	3.0	20.0
2 21	8 58.72	+19 13.1	1.603	2.555	7.6	20.3
3 2	8 50.72	+19 33.1	1.658	2.553	11.8	20.6
3 12	8 45.31	+19 41.3	1.734	2.551	15.5	20.8
455448 2003 SG_{231}			2 5.7 85°.23	2°.1/ 4.4 18		
1 2	9 43.11	+18 32.4	1.602	2.429	15.5	21.3
1 12	9 37.39	+19 21.1	1.547	2.450	11.5	21.1
1 22	9 29.03	+20 17.2	1.516	2.471	7.0	20.9
2 1	9 18.94	+21 13.6	1.511	2.492	2.7	20.7
2 11	9 8.42	+22 2.7	1.535	2.513	3.9	20.8
2 21	8 58.79	+22 39.1	1.587	2.533	8.2	21.1
3 2	8 51.20	+23 0.4	1.665	2.553	12.2	21.4
3 12	8 46.35	+23 6.4	1.764	2.573	15.6	21.6
15157 2000 FV_{39}			2 5.7 175°.88	7°.3/31.0 18		
1 2	9 46.18	+35 51.9	2.114	2.931	12.6	18.5
1 12	9 39.64	+37 3.5	2.050	2.933	10.2	18.3
1 22	9 30.46	+38 8.0	2.011	2.934	8.1	18.2
2 1	9 19.44	+38 56.6	1.999	2.935	7.3	18.2
2 11	9 7.82	+39 22.9	2.015	2.936	8.4	18.2
2 21	8 56.94	+39 24.0	2.058	2.936	10.6	18.4
3 2	8 47.99	+39 1.3	2.126	2.935	13.1	18.5
3 12	8 41.75	+38 18.6	2.213	2.935	15.4	18.7

317788 2003 SM_{164} 2 5.7 176°.43 2°.4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.74	+ 7 8.0	2.111	2.894	13.8	21.4
1 12	9 35.21	+ 7 19.5	2.024	2.897	10.8	21.2
1 22	9 27.60	+ 7 45.3	1.962	2.899	7.2	21.0
2 1	9 18.51	+ 8 23.1	1.926	2.900	3.6	20.8
2 11	9 8.86	+ 9 9.1	1.921	2.901	2.8	20.7
2 21	8 59.65	+ 9 58.4	1.945	2.901	6.2	20.9
3 2	8 51.81	+10 46.4	1.998	2.900	9.8	21.2
3 12	8 46.05	+11 29.0	2.076	2.898	13.0	21.4

372557 2009 UG_{4} 2 5.7 124°.74 1°.8/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.61	+ 8 46.7	2.115	2.908	13.5	21.8
1 12	9 33.55	+ 8 59.6	2.037	2.917	10.3	21.6
1 22	9 26.52	+ 9 25.3	1.984	2.926	6.8	21.4
2 1	9 18.14	+10 1.2	1.958	2.935	3.1	21.2
2 11	9 9.31	+10 43.3	1.962	2.943	2.4	21.2
2 21	9 0.97	+11 27.0	1.995	2.951	5.9	21.4
3 2	8 53.99	+12 8.0	2.056	2.959	9.5	21.6
3 12	8 49.02	+12 42.9	2.142	2.967	12.6	21.9

428868 2008 UE_{165} 2 5.7 302°.36 2°.7/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.56	+22 10.2	1.998	2.825	12.9	21.1
1 12	9 34.59	+22 43.5	1.916	2.819	9.6	20.9
1 22	9 27.33	+23 20.2	1.859	2.813	6.0	20.7
2 1	9 18.44	+23 54.8	1.829	2.807	3.0	20.5
2 11	9 8.96	+24 21.8	1.828	2.801	4.1	20.5
2 21	8 59.99	+24 37.3	1.856	2.796	7.7	20.7
3 2	8 52.57	+24 39.2	1.910	2.790	11.3	20.9
3 12	8 47.45	+24 27.8	1.986	2.785	14.4	21.1

245048 2004 FL_{69} 2 5.7 284°.38 1°.2/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.95	+18 1.8	2.310	3.128	11.7	21.0
1 12	9 32.38	+18 31.5	2.217	3.116	8.7	20.8
1 22	9 25.86	+19 7.5	2.150	3.104	5.3	20.6
2 1	9 17.96	+19 45.6	2.110	3.092	1.9	20.3
2 11	9 9.49	+20 21.2	2.100	3.080	2.7	20.3
2 21	9 1.37	+20 50.3	2.120	3.067	6.4	20.6
3 2	8 54.46	+21 10.2	2.167	3.055	9.8	20.7
3 12	8 49.47	+21 19.6	2.238	3.043	12.8	20.9

169264 2001 SQ_{176} 2 5.7 108°.67 2°.1/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.50	+20 39.7	2.446	3.265	11.1	20.5
1 12	9 32.56	+21 25.2	2.376	3.275	8.2	20.3
1 22	9 25.83	+22 14.5	2.332	3.285	5.0	20.1
2 1	9 17.91	+23 2.8	2.317	3.295	2.3	20.0
2 11	9 9.60	+23 45.2	2.332	3.305	3.3	20.1
2 21	9 1.76	+24 18.3	2.376	3.315	6.4	20.3
3 2	8 55.16	+24 39.8	2.448	3.324	9.3	20.5
3 12	8 50.38	+24 49.2	2.544	3.333	11.9	20.7

224898 2007 CV_{27} 2 5.7 263°.28 0°.0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.35	+14 23.1	1.988	2.800	13.5	20.9
1 12	9 34.47	+14 42.2	1.893	2.787	10.2	20.7
1 22	9 27.31	+15 11.0	1.822	2.774	6.4	20.4
2 1	9 18.47	+15 46.0	1.778	2.760	2.1	20.1
2 11	9 8.92	+16 22.4	1.763	2.746	2.4	20.1
2 21	8 59.74	+16 55.3	1.778	2.732	6.8	20.3
3 2	8 51.98	+17 21.1	1.820	2.718	10.8	20.6
3 12	8 46.45	+17 37.5	1.884	2.703	14.3	20.7

432498 2010 ET_{112} 2 5.7 284°.38 4°.9/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 34.34	− 1 19.2	2.284	3.037	13.8	21.5
1 12	9 30.41	− 1 17.9	2.183	3.025	11.4	21.3
1 22	9 24.67	− 0 57.7	2.104	3.013	8.6	21.1
2 1	9 17.59	− 0 18.6	2.050	3.001	6.0	20.9
2 11	9 9.94	+ 0 37.2	2.025	2.989	4.9	20.8
2 21	9 2.55	+ 1 45.2	2.028	2.977	6.5	20.9
3 2	8 56.25	+ 2 59.9	2.059	2.965	9.4	21.0
3 12	8 51.72	+ 4 15.2	2.116	2.953	12.3	21.2

229097 2004 QC_{9} 2 5.7 120°.47 2°.3/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.76	+22 16.2	2.579	3.390	10.8	20.9
1 12	9 35.54	+22 56.8	2.517	3.412	8.0	20.7
1 22	9 27.56	+23 39.2	2.482	3.433	5.0	20.6
2 1	9 18.45	+24 18.5	2.476	3.453	2.5	20.4
2 11	9 9.05	+24 50.6	2.502	3.473	3.4	20.5
2 21	9 0.20	+25 12.5	2.558	3.492	6.2	20.7
3 2	8 52.67	+25 23.0	2.643	3.510	9.0	20.9
3 12	8 47.00	+25 22.2	2.752	3.528	11.4	21.1

124619 2001 SC_{49} 2 5.7 74°.39 6°.6/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 46.85	+28 23.9	1.361	2.202	16.9	19.0
1 12	9 40.79	+29 33.3	1.315	2.220	12.9	18.8
1 22	9 31.38	+30 40.2	1.290	2.238	8.9	18.6
2 1	9 19.76	+31 33.3	1.290	2.256	6.6	18.5
2 11	9 7.64	+32 3.6	1.317	2.274	8.0	18.6
2 21	8 56.77	+32 7.4	1.370	2.292	11.6	18.9
3 2	8 48.58	+31 46.3	1.445	2.309	15.3	19.2
3 12	8 43.84	+31 5.3	1.539	2.327	18.4	19.4

55744 1990 RL_{7} 2 5.7 258°.03 1°.4/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.76	+17 28.3	1.624	2.448	15.4	19.1
1 12	9 37.59	+17 56.6	1.533	2.434	11.7	18.9
1 22	9 29.53	+18 34.5	1.464	2.419	7.2	18.6
2 1	9 19.27	+19 16.3	1.422	2.404	2.5	18.2
2 11	9 8.04	+19 55.2	1.409	2.389	3.5	18.3
2 21	8 57.27	+20 25.2	1.422	2.373	8.5	18.5
3 2	8 48.36	+20 42.4	1.462	2.357	13.2	18.8
3 12	8 42.32	+20 45.8	1.523	2.340	17.2	19.0

16622 1993 GG_{1} 2 5.7 278°.99 2°.6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.09	+21 59.5	2.326	3.149	11.4	18.0
1 12	9 32.51	+22 46.6	2.240	3.141	8.5	17.8
1 22	9 25.96	+23 37.6	2.179	3.132	5.3	17.6
2 1	9 18.02	+24 27.4	2.147	3.124	2.8	17.4
2 11	9 9.52	+25 10.5	2.145	3.115	3.9	17.5
2 21	9 1.41	+25 42.9	2.171	3.107	7.1	17.7
3 2	8 54.55	+26 2.1	2.225	3.098	10.2	17.8
3 12	8 49.64	+26 7.7	2.302	3.090	13.0	18.0

182070 2000 GC_{47} 2 5.7 260°.88 7°.7/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.70	− 6 9.4	1.888	2.623	16.9	20.1
1 12	9 32.54	− 6 34.3	1.795	2.616	14.3	19.9
1 22	9 26.15	− 6 35.0	1.722	2.609	11.5	19.7
2 1	9 18.12	− 6 9.1	1.672	2.602	8.9	19.5
2 11	9 9.38	− 5 17.7	1.649	2.595	7.7	19.4
2 21	9 0.99	− 4 5.1	1.652	2.588	8.8	19.5
3 2	8 53.98	− 2 38.8	1.681	2.581	11.4	19.6
3 12	8 49.16	− 1 7.1	1.734	2.574	14.4	19.8

28321 Arnabdey 2 5.7 92°.23 3°.4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.05	+ 6 11.9	1.550	2.346	17.4	17.8
1 12	9 37.34	+ 6 10.9	1.489	2.367	13.6	17.6
1 22	9 29.04	+ 6 28.4	1.449	2.388	9.2	17.4
2 1	9 19.00	+ 7 2.3	1.435	2.408	4.8	17.2
2 11	9 8.50	+ 7 47.3	1.449	2.428	3.8	17.2
2 21	8 58.83	+ 8 37.4	1.490	2.447	7.4	17.4
3 2	8 51.13	+ 9 26.2	1.558	2.466	11.6	17.7
3 12	8 46.13	+10 9.0	1.648	2.485	15.2	18.0

147221 2002 XT_{24} 2 5.7 333°.58 5°.2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.86	+ 4 31.7	1.500	2.301	17.7	19.9
1 12	9 33.89	+ 3 52.7	1.414	2.291	14.2	19.7
1 22	9 27.21	+ 3 31.8	1.349	2.282	10.2	19.4
2 1	9 18.51	+ 3 30.1	1.307	2.273	6.5	19.2
2 11	9 8.95	+ 3 45.7	1.291	2.265	5.4	19.1
2 21	8 59.87	+ 4 14.5	1.301	2.257	8.4	19.2
3 2	8 52.58	+ 4 50.7	1.336	2.251	12.6	19.4
3 12	8 48.00	+ 5 27.8	1.392	2.245	16.6	19.7

129717 1998 TT_{34} 2 5.7 105°.22 0°.3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.04	+14 38.2	2.223	3.032	12.3	19.9
1 12	9 33.06	+15 12.3	2.151	3.044	9.2	19.7
1 22	9 26.20	+15 54.9	2.105	3.057	5.6	19.5
2 1	9 18.07	+16 41.9	2.086	3.069	1.8	19.3
2 11	9 9.53	+17 28.3	2.098	3.080	2.2	19.3
2 21	9 1.50	+18 9.8	2.140	3.092	6.0	19.6
3 2	8 54.79	+18 43.2	2.210	3.103	9.4	19.8
3 12	8 50.02	+19 6.7	2.303	3.114	12.3	20.0

422737 2001 RF_{136} 2 5.7 208°.46 2°.7/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.04	+22 48.4	2.473	3.286	11.1	22.0
1 12	9 36.10	+23 34.1	2.383	3.279	8.3	21.8
1 22	9 28.14	+24 22.8	2.320	3.270	5.3	21.6
2 1	9 18.74	+25 9.0	2.286	3.261	2.9	21.5
2 11	9 8.76	+25 47.7	2.283	3.252	3.9	21.5
2 21	8 59.15	+26 14.9	2.310	3.241	7.0	21.7
3 2	8 50.82	+26 28.9	2.365	3.230	10.0	21.9
3 12	8 44.47	+26 29.6	2.444	3.218	12.8	22.0

148822 2001 UQ_{132} 2 5.7 41°.71 1°.2/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.82	+11 14.1	1.447	2.271	17.0	20.1
1 12	9 34.39	+11 29.0	1.389	2.287	12.9	19.9
1 22	9 27.31	+11 59.1	1.353	2.304	8.2	19.6
2 1	9 18.47	+12 40.1	1.341	2.322	3.1	19.4
2 11	9 9.14	+13 25.7	1.357	2.340	2.7	19.4
2 21	9 0.65	+14 9.5	1.399	2.358	7.5	19.7
3 2	8 54.15	+14 46.3	1.466	2.377	12.0	20.0
3 12	8 50.36	+15 12.9	1.555	2.397	15.7	20.3

296081 2009 BB_{12} 2 5.7 21°.42 3°.6/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.62	+ 6 32.3	1.109	1.942	20.5	20.1
1 12	9 32.69	+ 6 36.4	1.051	1.950	16.0	19.8
1 22	9 26.61	+ 7 5.7	1.012	1.960	10.8	19.6
2 1	9 18.31	+ 7 57.3	0.994	1.970	5.5	19.3
2 11	9 9.31	+ 9 3.7	1.000	1.982	4.1	19.3
2 21	9 1.21	+10 15.4	1.031	1.995	8.8	19.6
3 2	8 55.44	+11 22.7	1.084	2.009	13.9	19.9
3 12	8 52.87	+12 18.6	1.158	2.024	18.3	20.2

88941 2001 TO_{34} 2 5.7 128°.23 0°.8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.99	+16 28.8	2.041	2.854	13.2	19.6
1 12	9 35.44	+16 54.7	1.969	2.864	9.8	19.4
1 22	9 27.74	+17 27.9	1.921	2.873	6.0	19.2
2 1	9 18.60	+18 4.0	1.901	2.883	1.9	18.9
2 11	9 8.99	+18 38.0	1.910	2.891	2.6	19.0
2 21	8 59.96	+19 5.7	1.949	2.900	6.6	19.3
3 2	8 52.46	+19 24.5	2.016	2.908	10.3	19.5
3 12	8 47.15	+19 33.1	2.106	2.915	13.4	19.7

27012 1998 FZ_{46} 2 5.7 230°.30 1°.7/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.68	+18 11.4	1.562	2.387	15.9	19.3
1 12	9 39.09	+18 41.2	1.477	2.378	12.0	19.1
1 22	9 30.48	+19 20.0	1.415	2.370	7.4	18.8
2 1	9 19.60	+20 1.5	1.379	2.360	2.7	18.4
2 11	9 7.79	+20 38.4	1.371	2.350	3.8	18.5
2 21	8 56.56	+21 4.7	1.391	2.340	8.8	18.8
3 2	8 47.36	+21 17.1	1.436	2.329	13.5	19.0
3 12	8 41.17	+21 15.2	1.502	2.318	17.5	19.2

268593 2006 BO_{206} 2 5.7 67°.90 0°.4/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.17	+10 18.0	1.904	2.713	14.1	20.9
1 12	9 32.04	+11 20.8	1.828	2.719	10.7	20.7
1 22	9 25.78	+12 39.4	1.775	2.725	6.7	20.4
2 1	9 18.00	+14 8.6	1.750	2.732	2.3	20.2
2 11	9 9.67	+15 41.0	1.755	2.738	2.3	20.2
2 21	9 1.81	+17 9.1	1.789	2.744	6.6	20.5
3 2	8 55.38	+18 26.8	1.851	2.751	10.5	20.7
3 12	8 51.11	+19 30.1	1.936	2.757	13.9	20.9

94579 2001 VE_{46} 2 5.7 40°.47 3°.8/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.82	+ 6 47.1	1.140	1.965	20.6	18.8
1 12	9 35.62	+ 6 37.0	1.089	1.983	16.0	18.5
1 22	9 28.28	+ 6 50.0	1.057	2.002	10.8	18.3
2 1	9 18.83	+ 7 23.6	1.047	2.022	5.6	18.1
2 11	9 8.83	+ 8 11.3	1.062	2.042	4.3	18.1
2 21	8 59.91	+ 9 4.9	1.102	2.064	8.7	18.4
3 2	8 53.41	+ 9 56.4	1.165	2.085	13.5	18.7
3 12	8 50.12	+10 39.7	1.248	2.108	17.7	19.0

372685 2009 WT_{167} 2 5.7 74°.03 2°.6/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.07	+20 32.7	1.907	2.734	13.3	21.2
1 12	9 34.24	+21 23.6	1.837	2.741	9.9	21.0
1 22	9 27.12	+22 20.0	1.793	2.748	6.1	20.7
2 1	9 18.43	+23 15.7	1.775	2.754	2.9	20.5
2 11	9 9.22	+24 3.9	1.787	2.761	4.1	20.6
2 21	9 0.59	+24 39.8	1.827	2.768	7.8	20.9
3 2	8 53.58	+25 1.0	1.893	2.775	11.3	21.1
3 12	8 48.90	+25 7.1	1.982	2.781	14.4	21.3

46762 1998 FM_{78} 2 5.7 174°.26 2°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.47	+19 16.5	1.692	2.515	15.0	19.1
1 12	9 38.63	+20 10.8	1.617	2.518	11.2	18.8
1 22	9 30.01	+21 13.2	1.566	2.520	6.9	18.6
2 1	9 19.42	+22 16.3	1.542	2.522	2.9	18.4
2 11	9 8.09	+23 12.0	1.547	2.523	4.3	18.4
2 21	8 57.41	+23 54.2	1.581	2.523	8.6	18.7
3 2	8 48.66	+24 19.7	1.640	2.523	12.7	18.9
3 12	8 42.70	+24 28.5	1.722	2.522	16.3	19.2

55746 1990 SW_{9} 2 5.7 256°.60 3°.5/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.14	+21 55.9	1.582	2.414	15.4	18.7
1 12	9 37.99	+22 44.2	1.498	2.404	11.6	18.4
1 22	9 29.83	+23 38.7	1.437	2.392	7.3	18.1
2 1	9 19.41	+24 31.7	1.403	2.381	3.8	17.9
2 11	9 8.05	+25 14.7	1.397	2.369	5.2	17.9
2 21	8 57.27	+25 41.5	1.417	2.357	9.6	18.2
3 2	8 48.49	+25 49.6	1.462	2.345	14.0	18.4
3 12	8 42.72	+25 39.6	1.528	2.333	17.8	18.6

362423 2010 PB_{79} 2 5.7 200°.91 0°.6/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.13	+15 40.3	2.098	2.905	13.1	22.2
1 12	9 36.41	+16 8.7	2.009	2.901	9.8	22.0
1 22	9 28.44	+16 45.5	1.945	2.897	6.0	21.7
2 1	9 18.88	+17 26.5	1.909	2.891	1.9	21.4
2 11	9 8.69	+18 6.5	1.904	2.885	2.5	21.5
2 21	8 58.93	+18 40.9	1.928	2.878	6.7	21.7
3 2	8 50.61	+19 6.5	1.981	2.871	10.5	21.9
3 12	8 44.50	+19 21.6	2.057	2.863	13.8	22.1

374000 2004 BT_{119} 2 5.7 9°.54 10°.4/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.16	+39 50.7	1.551	2.386	15.5	19.3
1 12	9 37.48	+41 9.9	1.503	2.389	12.9	19.1
1 22	9 29.49	+42 16.0	1.477	2.393	11.0	19.0
2 1	9 19.23	+42 57.7	1.474	2.399	10.4	19.0
2 11	9 8.39	+43 7.3	1.496	2.405	11.6	19.1
2 21	8 58.69	+42 43.2	1.541	2.413	13.9	19.2
3 2	8 51.55	+41 48.9	1.606	2.422	16.4	19.4
3 12	8 47.76	+40 31.2	1.690	2.431	18.8	19.6

118277 1998 QE_{105} 2 5.7 161°.59 0°.9/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.36	+14 23.1	1.786	2.599	14.8	20.5
1 12	9 36.85	+15 21.9	1.710	2.606	11.1	20.2
1 22	9 28.83	+16 33.3	1.659	2.612	6.8	20.0
2 1	9 19.03	+17 51.1	1.635	2.617	2.2	19.7
2 11	9 8.56	+19 7.2	1.640	2.621	3.0	19.8
2 21	8 58.66	+20 14.8	1.675	2.625	7.6	20.1
3 2	8 50.47	+21 8.7	1.737	2.627	11.7	20.3
3 12	8 44.81	+21 47.0	1.822	2.630	15.2	20.5

453275 2008 TL_{12} 2 5.7 177°.33 1°.0/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.41	+11 36.5	1.736	2.542	15.4	22.4
1 12	9 37.68	+11 51.7	1.655	2.544	11.8	22.1
1 22	9 29.37	+12 20.1	1.597	2.545	7.5	21.9
2 1	9 19.21	+12 57.9	1.566	2.546	2.8	21.6
2 11	9 8.36	+13 39.7	1.564	2.547	2.5	21.6
2 21	8 58.09	+14 20.2	1.590	2.546	7.2	21.9
3 2	8 49.57	+14 54.6	1.644	2.545	11.6	22.1
3 12	8 43.65	+15 20.0	1.720	2.543	15.3	22.3

218379 2004 LJ_{26} 2 5.7 172°.21 4°.3/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.62	− 0 13.2	2.372	3.121	13.4	20.7
1 12	9 32.71	− 0 7.2	2.282	3.124	10.9	20.5
1 22	9 26.02	+ 0 16.3	2.215	3.127	8.1	20.4
2 1	9 18.08	+ 0 56.7	2.175	3.129	5.4	20.2
2 11	9 9.65	+ 1 51.2	2.164	3.131	4.4	20.1
2 21	9 1.58	+ 2 55.4	2.183	3.132	6.1	20.3
3 2	8 54.64	+ 4 3.9	2.231	3.132	8.9	20.4
3 12	8 49.48	+ 5 11.3	2.304	3.132	11.7	20.6

211972 2005 AZ_{17} 2 5.7 37°.66 0°.1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.80	+13 24.7	1.246	2.085	18.3	19.7
1 12	9 34.83	+14 0.8	1.190	2.097	13.8	19.5
1 22	9 27.81	+14 53.0	1.154	2.111	8.5	19.2
2 1	9 18.71	+15 54.6	1.142	2.125	2.7	18.9
2 11	9 8.99	+16 56.6	1.156	2.139	3.1	19.0
2 21	9 0.22	+17 51.0	1.196	2.155	8.7	19.3
3 2	8 53.72	+18 32.0	1.260	2.170	13.6	19.7
3 12	8 50.31	+18 57.3	1.344	2.187	17.6	20.0

393346 4329 $P\text{–}L$ 2 5.7 91°.22 0°.2/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.00	+14 17.3	1.491	2.311	16.9	21.8
1 12	9 38.92	+14 44.3	1.436	2.333	12.6	21.6
1 22	9 30.07	+15 23.0	1.402	2.355	7.7	21.3
2 1	9 19.39	+16 7.8	1.395	2.377	2.5	21.1
2 11	9 8.28	+16 51.6	1.416	2.399	2.9	21.2
2 21	8 58.13	+17 28.6	1.465	2.420	7.9	21.5
3 2	8 50.15	+17 55.0	1.540	2.440	12.3	21.8
3 12	8 45.08	+18 9.3	1.637	2.460	15.9	22.1

350758 2002 AK_{51} 2 5.7 317°.57 0°.0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.13	+13 14.3	1.381	2.214	17.2	20.3
1 12	9 34.41	+13 49.0	1.300	2.205	13.1	20.1
1 22	9 27.71	+14 40.4	1.240	2.196	8.2	19.7
2 1	9 18.76	+15 43.0	1.205	2.187	2.7	19.4
2 11	9 8.85	+16 48.8	1.196	2.179	3.1	19.4
2 21	8 59.50	+17 49.2	1.214	2.171	8.7	19.7
3 2	8 52.15	+18 37.8	1.255	2.164	13.8	20.0
3 12	8 47.82	+19 10.8	1.317	2.157	18.1	20.2

191318 2003 HT_{57} 2 5.7 244°.17 2°.8/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.72	+ 3 49.0	2.362	3.132	12.9	21.0
1 12	9 32.22	+ 4 21.0	2.254	3.117	10.2	20.8
1 22	9 25.84	+ 5 10.1	2.171	3.101	7.1	20.6
2 1	9 18.07	+ 6 14.5	2.115	3.084	4.0	20.3
2 11	9 9.65	+ 7 30.4	2.089	3.067	3.0	20.2
2 21	9 1.45	+ 8 52.3	2.094	3.049	5.8	20.4
3 2	8 54.31	+10 14.1	2.128	3.031	9.2	20.6
3 12	8 48.94	+11 30.6	2.187	3.013	12.4	20.7

125810 2001 XF_{162} 2 5.7 252°.81 3°.7/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.68	+ 5 58.0	1.642	2.437	16.6	20.3
1 12	9 35.89	+ 5 47.0	1.550	2.427	13.2	20.0
1 22	9 28.44	+ 5 53.7	1.480	2.416	9.2	19.8
2 1	9 18.98	+ 6 17.4	1.434	2.405	5.1	19.5
2 11	9 8.63	+ 6 54.6	1.416	2.394	4.1	19.4
2 21	8 58.70	+ 7 40.0	1.426	2.383	7.7	19.6
3 2	8 50.45	+ 8 27.6	1.462	2.372	12.1	19.8
3 12	8 44.82	+ 9 11.7	1.520	2.360	16.1	20.0

86275 1999 TA_{320} 2 5.7 121°.35 0°.2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.01	+14 18.1	2.660	3.462	10.8	19.8
1 12	9 32.06	+14 27.4	2.578	3.467	8.1	19.6
1 22	9 25.51	+14 43.2	2.522	3.472	5.0	19.4
2 1	9 17.90	+15 3.0	2.495	3.477	1.7	19.2
2 11	9 9.93	+15 23.6	2.499	3.481	1.8	19.2
2 21	9 2.34	+15 42.2	2.533	3.486	5.1	19.5
3 2	8 55.83	+15 56.6	2.595	3.491	8.1	19.7
3 12	8 50.95	+16 5.2	2.683	3.495	10.7	19.8

444186 2005 SC_{15} 2 5.7 67°.73 2°.3/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.88	+ 8 44.8	1.291	2.110	19.0	21.7
1 12	9 36.98	+ 8 54.8	1.233	2.126	14.6	21.5
1 22	9 29.07	+ 9 24.5	1.195	2.143	9.5	21.3
2 1	9 19.12	+10 9.9	1.181	2.159	4.2	21.0
2 11	9 8.59	+11 4.2	1.194	2.176	3.3	21.0
2 21	8 59.00	+11 59.5	1.232	2.193	8.2	21.3
3 2	8 51.68	+12 49.1	1.295	2.209	13.0	21.6
3 12	8 47.45	+13 28.2	1.380	2.226	17.1	21.9

279901 2001 QW_{222} 2 5.7 147°.39 2°.7/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.41	+ 3 35.5	2.730	3.494	11.5	21.3
1 12	9 30.83	+ 3 57.3	2.645	3.502	9.1	21.1
1 22	9 24.75	+ 4 32.6	2.583	3.509	6.3	21.0
2 1	9 17.65	+ 5 19.9	2.550	3.516	3.7	20.8
2 11	9 10.19	+ 6 15.9	2.547	3.523	2.8	20.8
2 21	9 3.05	+ 7 16.5	2.575	3.529	4.9	20.9
3 2	8 56.88	+ 8 17.5	2.633	3.535	7.7	21.1
3 12	8 52.22	+ 9 15.0	2.716	3.541	10.3	21.3

140716 2001 UK_{92} 2 5.7 146°.78 4°.1/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.55	+27 47.7	2.602	3.424	10.4	20.5
1 12	9 33.42	+28 48.3	2.533	3.429	7.9	20.4
1 22	9 26.44	+29 48.3	2.490	3.434	5.4	20.2
2 1	9 18.22	+30 41.8	2.476	3.439	4.1	20.1
2 11	9 9.57	+31 23.9	2.492	3.444	5.1	20.2
2 21	9 1.36	+31 51.4	2.537	3.448	7.4	20.3
3 2	8 54.39	+32 3.0	2.609	3.452	9.9	20.5
3 12	8 49.28	+31 59.8	2.703	3.456	12.2	20.7

81388 2000 GG_{75} 2 5.7 180°.78 5°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.84	+28 0.6	2.049	2.874	12.7	19.5
1 12	9 37.11	+29 3.5	1.977	2.875	9.7	19.3
1 22	9 28.95	+30 5.8	1.930	2.875	6.7	19.1
2 1	9 19.08	+30 59.9	1.911	2.875	5.0	19.0
2 11	9 8.60	+31 39.1	1.921	2.875	6.2	19.1
2 21	8 58.72	+31 59.4	1.960	2.874	9.1	19.3
3 2	8 50.53	+32 0.0	2.023	2.873	12.2	19.5
3 12	8 44.80	+31 42.8	2.109	2.872	14.9	19.6

366729 2004 BD_{76} 2 5.7 83°.74 6°.3/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.09	+16 25.6	1.020	1.871	20.5	19.7
1 12	9 39.05	+20 9.5	0.970	1.887	15.1	19.4
1 22	9 31.01	+24 18.1	0.944	1.903	9.4	19.2
2 1	9 19.92	+28 25.7	0.945	1.919	6.3	19.1
2 11	9 7.63	+32 4.3	0.974	1.935	9.5	19.3
2 21	8 56.34	+34 54.6	1.029	1.950	14.6	19.6
3 2	8 48.04	+36 51.2	1.106	1.965	19.3	20.0
3 12	8 43.89	+37 59.3	1.200	1.980	23.0	20.3

218668 2005 SO_{220} 2 5.7 87°.49 2°.1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.24	+10 2.9	1.911	2.706	14.6	20.4
1 12	9 37.08	+ 9 45.6	1.845	2.725	11.2	20.2
1 22	9 28.73	+ 9 39.6	1.803	2.745	7.3	20.0
2 1	9 18.95	+ 9 42.8	1.788	2.764	3.4	19.8
2 11	9 8.81	+ 9 52.4	1.803	2.784	2.8	19.8
2 21	8 59.38	+10 5.0	1.847	2.803	6.4	20.1
3 2	8 51.61	+10 17.2	1.918	2.821	10.1	20.3
3 12	8 46.14	+10 26.5	2.014	2.839	13.3	20.6

12057 Alfredsturm 2 5.7 358°.78 1°.5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.26	+17 18.9	1.202	2.045	18.5	17.8
1 12	9 37.82	+17 44.2	1.133	2.044	14.0	17.5
1 22	9 29.92	+18 21.1	1.085	2.043	8.6	17.2
2 1	9 19.49	+19 2.7	1.061	2.043	2.9	16.9
2 11	9 8.15	+19 40.3	1.062	2.043	4.0	16.9
2 21	8 57.68	+20 7.0	1.088	2.044	9.8	17.3
3 2	8 49.72	+20 18.7	1.137	2.044	15.0	17.6
3 12	8 45.27	+20 14.8	1.206	2.045	19.5	17.8

310962 2003 UW_{116} 2 5.7 68°.73 0°.5/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.75	+11 56.8	1.496	2.316	16.8	20.8
1 12	9 35.79	+12 31.1	1.438	2.335	12.6	20.6
1 22	9 28.19	+13 20.2	1.403	2.355	7.8	20.4
2 1	9 18.82	+14 18.6	1.393	2.374	2.7	20.1
2 11	9 8.97	+15 19.1	1.411	2.394	2.6	20.1
2 21	8 59.96	+16 14.4	1.456	2.413	7.6	20.5
3 2	8 52.94	+16 59.5	1.527	2.433	12.0	20.8
3 12	8 48.66	+17 31.6	1.620	2.452	15.7	21.1

207878 2007 VS_{311} 2 5.7 205°.82 1°.7/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.41	+20 13.9	2.873	3.685	9.8	21.4
1 12	9 32.38	+20 51.0	2.784	3.680	7.3	21.2
1 22	9 25.75	+21 31.7	2.722	3.674	4.5	21.0
2 1	9 18.00	+22 12.4	2.689	3.669	1.9	20.8
2 11	9 9.84	+22 48.9	2.688	3.663	2.8	20.9
2 21	9 1.97	+23 18.1	2.717	3.656	5.6	21.0
3 2	8 55.11	+23 38.0	2.774	3.649	8.4	21.2
3 12	8 49.83	+23 47.8	2.857	3.642	10.8	21.4

2859 Paganini 2 5.7 351°.10 1°.7/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.62	+ 9 55.9	1.152	1.990	19.5	16.0
1 12	9 33.63	+10 15.0	1.080	1.985	15.1	15.7
1 22	9 27.39	+10 56.1	1.028	1.981	9.7	15.4
2 1	9 18.70	+11 55.2	0.998	1.978	3.9	15.0
2 11	9 9.02	+13 4.1	0.992	1.976	3.2	15.0
2 21	9 0.07	+14 12.9	1.011	1.975	9.1	15.3
3 2	8 53.40	+15 13.0	1.053	1.974	14.6	15.6
3 12	8 50.07	+15 58.6	1.115	1.975	19.3	15.9

488829 2005 PN_{10} 2 5.7 195°.83 1°.7/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.22	+19 19.4	2.369	3.180	11.6	22.6
1 12	9 35.53	+19 59.3	2.282	3.177	8.7	22.4
1 22	9 27.83	+20 44.4	2.221	3.173	5.3	22.2
2 1	9 18.71	+21 30.1	2.189	3.169	2.2	22.0
2 11	9 9.04	+22 11.1	2.188	3.164	3.1	22.0
2 21	8 59.77	+22 43.5	2.217	3.159	6.5	22.2
3 2	8 51.80	+23 4.8	2.274	3.152	9.8	22.4
3 12	8 45.81	+23 14.4	2.356	3.145	12.7	22.6

177580 2004 GK_2 2 5.7 320°.96 7°.4/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 46.73	+32 46.0	1.549	2.383	15.6	19.6
1 12	9 40.88	+33 26.8	1.474	2.372	12.3	19.4
1 22	9 31.67	+34 1.2	1.422	2.362	9.1	19.1
2 1	9 20.04	+34 19.3	1.395	2.352	7.4	19.0
2 11	9 7.58	+34 13.2	1.394	2.342	8.6	19.1
2 21	8 56.05	+33 40.1	1.418	2.333	11.8	19.2
3 2	8 46.98	+32 42.2	1.467	2.325	15.4	19.4
3 12	8 41.32	+31 25.3	1.535	2.317	18.7	19.6

51218 2000 JC_{23} 2 5.7 14°.75 3°.6/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.48	+ 5 1.4	2.100	2.881	13.9	18.2
1 12	9 32.82	+ 4 43.2	2.015	2.882	11.0	18.0
1 22	9 26.19	+ 4 39.0	1.953	2.883	7.8	17.8
2 1	9 18.18	+ 4 48.5	1.918	2.884	4.7	17.6
2 11	9 9.66	+ 5 9.1	1.911	2.885	3.8	17.6
2 21	9 1.56	+ 5 37.6	1.932	2.886	6.3	17.7
3 2	8 54.76	+ 6 9.6	1.982	2.888	9.6	17.9
3 12	8 49.95	+ 6 40.9	2.055	2.889	12.7	18.1

354564 2004 TU_{92} 2 5.7 12°.82 4°.4/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.10	+ 4 39.1	1.361	2.169	18.8	20.3
1 12	9 34.23	+ 4 31.9	1.287	2.170	14.9	20.1
1 22	9 27.50	+ 4 47.4	1.233	2.172	10.4	19.8
2 1	9 18.68	+ 5 24.6	1.203	2.173	6.0	19.6
2 11	9 9.08	+ 6 18.8	1.198	2.176	4.6	19.5
2 21	9 0.13	+ 7 22.6	1.219	2.179	8.3	19.7
3 2	8 53.16	+ 8 27.8	1.264	2.182	12.9	20.0
3 12	8 49.10	+ 9 26.9	1.330	2.185	17.1	20.2

381915 2010 CL_{43} 2 5.7 318°.98 7°.5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.01	+29 7.9	1.643	2.489	14.2	19.4
1 12	9 33.85	+31 3.3	1.544	2.451	11.2	19.1
1 22	9 27.64	+33 5.7	1.468	2.412	8.5	18.8
2 1	9 18.87	+35 3.1	1.419	2.374	7.5	18.7
2 11	9 8.69	+36 42.7	1.397	2.337	9.5	18.7
2 21	8 58.61	+37 54.7	1.400	2.300	13.1	18.8
3 2	8 50.30	+38 34.3	1.425	2.263	16.9	18.9
3 12	8 45.06	+38 42.4	1.467	2.227	20.4	19.1

232032 2001 TW_{125} 2 5.7 209°.46 0°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.98	+14 19.0	1.812	2.619	14.8	20.7
1 12	9 38.87	+14 23.9	1.723	2.613	11.3	20.5
1 22	9 30.15	+14 38.0	1.657	2.607	7.1	20.2
2 1	9 19.53	+14 58.1	1.619	2.601	2.4	19.9
2 11	9 8.14	+15 19.3	1.611	2.593	2.5	19.9
2 21	8 57.27	+15 37.4	1.631	2.585	7.3	20.2
3 2	8 48.13	+15 49.2	1.679	2.576	11.6	20.4
3 12	8 41.57	+15 53.0	1.750	2.567	15.3	20.6

406208 2006 YP_8 2 5.7 72°.81 1°.8/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.54	+17 57.2	1.704	2.531	14.7	21.3
1 12	9 35.44	+18 46.5	1.646	2.549	10.9	21.1
1 22	9 27.90	+19 43.8	1.611	2.566	6.6	20.9
2 1	9 18.73	+20 42.4	1.603	2.584	2.5	20.7
2 11	9 9.11	+21 35.2	1.623	2.602	3.6	20.8
2 21	9 0.24	+22 16.6	1.672	2.619	7.8	21.1
3 2	8 53.19	+22 43.8	1.747	2.637	11.7	21.3
3 12	8 48.67	+22 56.1	1.843	2.654	14.9	21.6

129865 1999 RA_{170} 2 5.7 222°.56 1°.2/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.42	+17 43.0	2.089	2.899	13.0	20.9
1 12	9 37.48	+18 9.3	1.994	2.888	9.8	20.6
1 22	9 29.20	+18 42.4	1.924	2.877	6.0	20.4
2 1	9 19.21	+19 17.9	1.883	2.864	2.1	20.1
2 11	9 8.50	+19 50.3	1.872	2.851	2.9	20.1
2 21	8 58.18	+20 15.4	1.890	2.838	7.0	20.4
3 2	8 49.33	+20 30.4	1.937	2.823	10.9	20.6
3 12	8 42.76	+20 34.3	2.007	2.808	14.2	20.8

279982 2001 TE_{171} 2 5.7 155.°97 7.°7/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 45.20	+46 31.6	3.150	3.929	9.8	21.4
1 12	9 38.50	+47 53.4	3.103	3.937	8.5	21.3
1 22	9 29.65	+49 3.9	3.083	3.945	7.8	21.3
2 1	9 19.30	+49 56.6	3.089	3.952	7.8	21.3
2 11	9 8.45	+50 27.4	3.122	3.959	8.5	21.3
2 21	8 58.15	+50 35.0	3.181	3.965	9.7	21.4
3 2	8 49.36	+50 20.7	3.262	3.971	11.0	21.6
3 12	8 42.77	+49 47.8	3.363	3.976	12.3	21.7

35403 Latimer 2 5.7 276.°37 4.°5/ 8.3 18

1 2	9 39.39	+ 4 11.3	1.568	2.362	17.3	19.0
1 12	9 35.01	+ 3 56.6	1.480	2.354	13.9	18.7
1 22	9 27.94	+ 4 1.8	1.412	2.345	9.9	18.4
2 1	9 18.85	+ 4 26.9	1.369	2.337	5.9	18.2
2 11	9 8.90	+ 5 8.5	1.353	2.329	4.7	18.1
2 21	8 59.39	+ 6 1.2	1.364	2.320	8.0	18.3
3 2	8 51.62	+ 6 57.8	1.400	2.312	12.3	18.5
3 12	8 46.51	+ 7 51.8	1.458	2.304	16.3	18.7

312110 2007 TJ_{162} 2 5.7 63.°71 2.°9/ 7.5 17

1 2	9 41.66	+ 7 6.2	1.430	2.237	18.1	21.8
1 12	9 36.45	+ 7 13.8	1.377	2.262	13.9	21.6
1 22	9 28.58	+ 7 40.6	1.345	2.287	9.2	21.4
2 1	9 18.96	+ 8 23.4	1.337	2.313	4.5	21.1
2 11	9 8.93	+ 9 16.0	1.357	2.338	3.5	21.1
2 21	8 59.83	+10 11.3	1.404	2.363	7.5	21.4
3 2	8 52.81	+11 2.9	1.477	2.389	11.9	21.8
3 12	8 48.56	+11 46.0	1.571	2.414	15.5	22.0

369070 2008 EB_{161} 2 5.7 241.°64 0.°1/ 5.8 17

1 2	9 39.57	+13 26.6	2.107	2.913	13.0	22.6
1 12	9 34.58	+13 54.0	2.010	2.900	9.9	22.4
1 22	9 27.41	+14 32.1	1.936	2.887	6.2	22.1
2 1	9 18.64	+15 17.2	1.891	2.873	2.1	21.8
2 11	9 9.16	+16 4.4	1.876	2.859	2.2	21.8
2 21	9 0.01	+16 48.6	1.890	2.844	6.5	22.0
3 2	8 52.18	+17 25.7	1.933	2.829	10.4	22.3
3 12	8 46.45	+17 53.1	1.998	2.813	13.8	22.4

363126 2001 PM_{58} 2 5.7 161.°27 2.°0/ 3.8 18

1 2	9 40.35	+19 16.8	2.475	3.285	11.2	21.6
1 12	9 34.77	+20 22.6	2.398	3.293	8.3	21.5
1 22	9 27.32	+21 34.1	2.348	3.300	5.1	21.3
2 1	9 18.55	+22 45.9	2.328	3.307	2.3	21.1
2 11	9 9.30	+23 51.9	2.339	3.312	3.3	21.2
2 21	9 0.46	+24 47.7	2.381	3.317	6.5	21.4
3 2	8 52.85	+25 30.2	2.452	3.321	9.6	21.6
3 12	8 47.12	+25 58.6	2.547	3.325	12.2	21.8

212792 2007 TZ_{233} 2 5.7 349.°29 12.°2/25.3 18

1 2	9 42.99	+47 18.8	1.813	2.622	14.7	20.0
1 12	9 38.40	+49 11.7	1.764	2.615	13.2	19.9
1 22	9 30.31	+50 47.9	1.738	2.609	12.3	19.8
2 1	9 19.65	+51 55.8	1.734	2.604	12.5	19.8
2 11	9 8.08	+52 27.4	1.754	2.600	13.7	19.9
2 21	8 57.46	+52 20.6	1.794	2.596	15.4	20.0
3 2	8 49.43	+51 38.7	1.853	2.593	17.3	20.1
3 12	8 44.95	+50 28.5	1.928	2.591	19.1	20.3

199494 2006 DR_{91} 2 5.7 285.°14 1.°4/ 4.7 18

1 2	9 38.58	+18 2.2	2.037	2.858	12.9	20.9
1 12	9 33.80	+18 36.5	1.957	2.857	9.6	20.7
1 22	9 26.87	+19 17.6	1.902	2.857	5.9	20.4
2 1	9 18.44	+20 0.8	1.874	2.856	2.1	20.2
2 11	9 9.45	+20 40.6	1.876	2.855	3.0	20.3
2 21	9 0.95	+21 12.4	1.906	2.854	6.9	20.5
3 2	8 53.89	+21 33.4	1.964	2.853	10.6	20.7
3 12	8 49.00	+21 42.4	2.044	2.853	13.7	20.9

304869 2007 RO_{131} 2 5.7 134.°09 1.°2/ 6.6 18

1 2	9 42.30	+10 28.4	1.914	2.712	14.5	21.3
1 12	9 36.52	+10 47.7	1.842	2.725	11.0	21.1
1 22	9 28.50	+11 19.7	1.793	2.738	7.1	20.9
2 1	9 18.95	+12 1.0	1.771	2.750	2.8	20.6
2 11	9 8.91	+12 46.6	1.779	2.762	2.4	20.6
2 21	8 59.47	+13 31.3	1.817	2.773	6.5	20.9
3 2	8 51.63	+14 10.8	1.882	2.783	10.4	21.2
3 12	8 46.09	+14 42.0	1.971	2.792	13.7	21.4

4318 Baťa 2 5.7 1.°67 4.°8/ 2.1 18 R

1 2	9 38.93	+28 17.2	2.057	2.889	12.4	16.4
1 12	9 34.16	+29 7.8	1.987	2.888	9.4	16.2
1 22	9 27.12	+29 57.2	1.942	2.888	6.5	16.0
2 1	9 18.51	+30 38.5	1.924	2.888	4.8	15.9
2 11	9 9.39	+31 6.0	1.934	2.889	6.0	16.0
2 21	9 0.86	+31 16.1	1.971	2.890	8.8	16.2
3 2	8 53.91	+31 8.3	2.034	2.891	11.8	16.4
3 12	8 49.27	+30 44.2	2.118	2.893	14.4	16.6

112520 2002 PD_{29} 2 5.7 144.°51 0.°8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.19	+11 17.8	2.329	3.129	12.2	20.6
1 12	9 32.44	+11 42.7	2.248	3.133	9.2	20.5
1 22	9 25.89	+12 18.1	2.191	3.138	5.9	20.2
2 1	9 18.10	+13 0.8	2.162	3.142	2.2	20.0
2 11	9 9.86	+13 46.8	2.163	3.146	1.9	20.0
2 21	9 2.02	+14 31.6	2.195	3.150	5.6	20.2
3 2	8 55.39	+15 11.6	2.254	3.154	9.0	20.5
3 12	8 50.57	+15 44.1	2.338	3.157	11.9	20.7

81528 2000 HU_{10} 2 5.7 318.°98 3.°2/ 3.7 18

1 2	9 39.42	+21 13.6	1.557	2.396	15.3	19.1
1 12	9 35.20	+22 0.6	1.477	2.386	11.5	18.8
1 22	9 28.13	+22 54.5	1.419	2.376	7.2	18.6
2 1	9 18.94	+23 48.0	1.387	2.366	3.5	18.3
2 11	9 8.90	+24 32.9	1.383	2.357	5.0	18.4
2 21	8 59.43	+25 3.0	1.404	2.348	9.3	18.6
3 2	8 51.89	+25 15.2	1.451	2.340	13.7	18.8
3 12	8 47.21	+25 9.7	1.517	2.332	17.4	19.1

194104 2001 SF_{215} 2 5.7 112.°08 5.°3/ 2.7 18

1 2	9 46.81	+26 26.5	1.557	2.389	15.6	20.6
1 12	9 40.54	+27 27.2	1.500	2.403	11.8	20.4
1 22	9 31.25	+28 27.8	1.466	2.415	7.9	20.2
2 1	9 19.89	+29 18.9	1.458	2.428	5.3	20.1
2 11	9 7.97	+29 52.3	1.478	2.440	6.7	20.2
2 21	8 57.04	+30 3.9	1.525	2.452	10.3	20.4
3 2	8 48.44	+29 53.7	1.597	2.463	14.0	20.7
3 12	8 42.96	+29 25.1	1.689	2.474	17.1	20.9

340790 2006 SJ_{405} 2 5.7 203.°14 4.°0/ 9.5 17

1 2	9 34.75	+ 0 27.3	2.538	3.292	12.5	21.2
1 12	9 30.53	+ 0 30.6	2.445	3.290	10.2	21.0
1 22	9 24.69	+ 0 49.8	2.375	3.289	7.5	20.8
2 1	9 17.72	+ 1 24.2	2.333	3.288	5.0	20.6
2 11	9 10.31	+ 2 11.4	2.319	3.286	4.1	20.6
2 21	9 3.20	+ 3 7.6	2.335	3.284	5.7	20.7
3 2	8 57.10	+ 4 8.2	2.379	3.282	8.4	20.8
3 12	8 52.59	+ 5 8.3	2.449	3.280	11.0	21.0

20876 2000 VW_{49} 2 5.7 114.°12 1.°4/ 4.8 18

1 2	9 44.31	+17 27.3	1.813	2.629	14.5	18.7
1 12	9 38.12	+18 4.5	1.751	2.648	10.7	18.5
1 22	9 29.51	+18 49.1	1.713	2.667	6.5	18.3
2 1	9 19.29	+19 35.2	1.703	2.685	2.3	18.1
2 11	9 8.64	+20 16.7	1.723	2.702	3.2	18.2
2 21	8 58.76	+20 48.8	1.771	2.719	7.4	18.4
3 2	8 50.69	+21 8.8	1.847	2.735	11.2	18.7
3 12	8 45.16	+21 16.4	1.945	2.751	14.4	19.0

234509 2001 TD_{175} 2 5.7 153.°29 3.°4/ 8.9 18

1 2	9 35.16	+ 2 8.6	2.560	3.321	12.3	21.0
1 12	9 30.79	+ 2 18.7	2.472	3.325	9.8	20.8
1 22	9 24.83	+ 2 43.7	2.407	3.328	7.0	20.6
2 1	9 17.76	+ 3 22.6	2.370	3.331	4.4	20.5
2 11	9 10.29	+ 4 12.4	2.362	3.334	3.5	20.4
2 21	9 3.14	+ 5 9.1	2.384	3.337	5.4	20.5
3 2	8 57.01	+ 6 8.3	2.435	3.339	8.2	20.7
3 12	8 52.46	+ 7 5.6	2.512	3.341	10.8	20.9

28933 2000 SZ_{22} 2 5.7 198.°24 1.°8/ 7.4 18

1 2	9 35.59	+ 7 58.6	2.764	3.546	10.9	19.2
1 12	9 31.02	+ 8 10.2	2.671	3.544	8.5	19.1
1 22	9 24.94	+ 8 32.1	2.604	3.541	5.6	18.9
2 1	9 17.80	+ 9 2.7	2.565	3.539	2.8	18.7
2 11	9 10.25	+ 9 39.1	2.556	3.536	2.1	18.6
2 21	9 2.99	+10 18.0	2.578	3.533	4.8	18.8
3 2	8 56.69	+10 56.1	2.628	3.530	7.8	19.0
3 12	8 51.88	+11 30.5	2.705	3.526	10.4	19.2

462267 2008 EH_{116} 2 5.7 278.°88 2.°1/ 7.2 17

1 2	9 38.13	+ 7 51.3	1.905	2.702	14.6	22.6
1 12	9 33.82	+ 8 10.4	1.796	2.677	11.4	22.3
1 22	9 27.15	+ 8 46.1	1.710	2.653	7.6	22.0
2 1	9 18.64	+ 9 36.5	1.651	2.628	3.6	21.7
2 11	9 9.22	+10 37.0	1.621	2.602	2.8	21.6
2 21	8 59.98	+11 41.8	1.619	2.577	6.9	21.8
3 2	8 52.08	+12 44.6	1.644	2.551	11.2	22.0
3 12	8 46.43	+13 40.0	1.693	2.525	15.1	22.2

317436 2002 QJ_{51} 2 5.7 82.°19 2.°8/ 7.6 18

1 2	9 41.80	+ 7 4.0	1.709	2.503	16.1	21.0
1 12	9 36.24	+ 7 7.5	1.649	2.527	12.5	20.8
1 22	9 28.34	+ 7 27.3	1.611	2.550	8.3	20.6
2 1	9 18.91	+ 8 0.9	1.599	2.573	4.2	20.4
2 11	9 9.09	+ 8 43.4	1.616	2.596	3.2	20.4
2 21	9 0.03	+ 9 29.4	1.661	2.619	6.8	20.7
3 2	8 52.74	+10 13.5	1.733	2.641	10.7	21.0
3 12	8 47.89	+10 51.6	1.829	2.663	14.1	21.2

95106 2002 AP_{117} 2 5.7 81°.61 1°.2/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 43.93	+16 17.0	1.482	2.308	16.6	19.5
1 12	9 38.21	+16 56.8	1.428	2.330	12.3	19.2
1 22	9 29.72	+17 46.8	1.396	2.352	7.5	19.0
2 1	9 19.38	+18 40.1	1.391	2.373	2.5	18.8
2 11	9 8.60	+19 29.1	1.414	2.395	3.4	18.9
2 21	8 58.79	+20 7.7	1.464	2.416	8.2	19.2
3 2	8 51.13	+20 32.8	1.540	2.437	12.5	19.5
3 12	8 46.36	+20 43.6	1.637	2.457	16.1	19.8

422317 2014 SQ_{185} 2 5.7 198°.66 2°.7/ 3.8 18

1 2	9 42.02	+20 34.9	1.944	2.765	13.4	21.6
1 12	9 36.59	+21 30.0	1.862	2.763	10.0	21.4
1 22	9 28.72	+22 31.3	1.806	2.760	6.2	21.2
2 1	9 19.11	+23 32.2	1.778	2.756	3.0	21.0
2 11	9 8.81	+24 25.8	1.779	2.752	4.2	21.0
2 21	8 59.00	+25 6.5	1.809	2.747	8.0	21.2
3 2	8 50.80	+25 31.6	1.865	2.742	11.7	21.5
3 12	8 45.02	+25 40.7	1.944	2.736	14.9	21.7

290232 2005 SL_{65} 2 5.7 147°.83 5°.9/11.0 18

1 2	9 38.33	− 4 59.8	2.396	3.116	14.1	21.7
1 12	9 33.22	− 5 8.5	2.311	3.127	11.7	21.5
1 22	9 26.36	− 4 57.8	2.249	3.136	9.2	21.4
2 1	9 18.28	− 4 27.0	2.213	3.145	6.9	21.2
2 11	9 9.76	− 3 38.2	2.204	3.154	5.9	21.2
2 21	9 1.63	− 2 35.4	2.225	3.161	6.9	21.2
3 2	8 54.67	− 1 24.1	2.275	3.169	9.1	21.4
3 12	8 49.47	− 0 10.3	2.349	3.175	11.6	21.6

325256 2008 GL_{97} 2 5.7 258°.21 5°.4/ 9.5 17

1 2	9 37.83	− 0 18.3	2.023	2.782	15.1	21.7
1 12	9 33.35	− 0 33.7	1.922	2.769	12.5	21.5
1 22	9 26.72	− 0 29.9	1.842	2.755	9.4	21.2
2 1	9 18.47	− 0 6.3	1.788	2.740	6.5	21.0
2 11	9 9.49	+ 0 35.4	1.761	2.726	5.4	20.9
2 21	9 0.78	+ 1 31.0	1.763	2.711	7.3	21.0
3 2	8 53.34	+ 2 34.7	1.792	2.696	10.6	21.2
3 12	8 47.97	+ 3 40.0	1.844	2.681	13.8	21.4

385001 2012 TZ_{229} 2 5.7 140°.44 3°.4/ 8.8 17

1 2	9 36.06	+ 2 56.1	2.626	3.388	12.0	21.2
1 12	9 31.40	+ 2 51.7	2.540	3.393	9.5	21.0
1 22	9 25.18	+ 3 0.7	2.478	3.399	6.9	20.8
2 1	9 17.89	+ 3 22.1	2.443	3.404	4.3	20.7
2 11	9 10.21	+ 3 53.8	2.438	3.409	3.5	20.6
2 21	9 2.87	+ 4 32.5	2.463	3.414	5.4	20.8
3 2	8 56.56	+ 5 14.5	2.516	3.418	8.0	20.9
3 12	8 51.80	+ 5 55.8	2.595	3.423	10.6	21.1

213074 1999 TH_{90} 2 5.7 124°.16 0°.1/ 5.9 18

1 2	9 41.99	+13 1.3	1.906	2.712	14.2	21.3
1 12	9 36.32	+13 33.3	1.836	2.727	10.7	21.1
1 22	9 28.41	+14 16.3	1.791	2.741	6.6	20.9
2 1	9 18.96	+15 5.8	1.774	2.755	2.2	20.6
2 11	9 9.05	+15 56.3	1.786	2.769	2.3	20.6
2 21	8 59.76	+16 42.3	1.828	2.782	6.6	20.9
3 2	8 52.09	+17 19.9	1.897	2.794	10.5	21.2
3 12	8 46.74	+17 46.8	1.990	2.806	13.8	21.4

69575 1998 BT_{36} 2 5.7 319°.27 0°.1/ 5.8 18

1 2	9 39.06	+13 59.1	1.363	2.197	17.3	19.9
1 12	9 35.22	+14 13.6	1.279	2.184	13.2	19.6
1 22	9 28.31	+14 42.2	1.217	2.172	8.3	19.3
2 1	9 19.07	+15 20.6	1.179	2.161	2.8	18.9
2 11	9 8.83	+16 1.9	1.167	2.150	3.0	18.9
2 21	8 59.15	+16 39.3	1.180	2.139	8.7	19.2
3 2	8 51.51	+17 7.3	1.218	2.130	13.9	19.5
3 12	8 46.96	+17 22.8	1.276	2.120	18.3	19.7

473697 2015 YM_{6} 2 5.7 9°.95 0°.4/ 5.5 18

1 2	9 36.49	+12 35.5	1.353	2.188	17.3	20.1
1 12	9 33.13	+13 32.5	1.283	2.189	13.1	19.8
1 22	9 26.90	+14 48.0	1.234	2.191	8.1	19.5
2 1	9 18.57	+16 15.1	1.210	2.193	2.6	19.2
2 11	9 9.45	+17 44.0	1.213	2.196	3.2	19.2
2 21	9 0.99	+19 4.9	1.242	2.199	8.6	19.6
3 2	8 54.54	+20 10.5	1.295	2.203	13.5	19.9
3 12	8 51.02	+20 57.0	1.369	2.208	17.6	20.1

258453 2001 YT_{51} 2 5.7 43°.68 7°.3/30.9 18

1 2	9 40.84	+31 20.2	1.716	2.554	14.1	19.6
1 12	9 36.16	+33 1.7	1.659	2.559	11.0	19.4
1 22	9 28.65	+34 40.3	1.625	2.563	8.4	19.3
2 1	9 19.11	+36 5.4	1.619	2.569	7.3	19.2
2 11	9 8.87	+37 7.5	1.639	2.574	8.8	19.3
2 21	8 59.35	+37 41.9	1.685	2.579	11.6	19.5
3 2	8 51.86	+37 48.3	1.753	2.585	14.6	19.7
3 12	8 47.24	+37 30.5	1.841	2.591	17.2	19.9

38996 2000 UM_{25} 2 5.7 327°.87 3°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.80	+19 32.6	1.317	2.166	16.9	17.8
1 12	9 34.45	+20 37.1	1.240	2.154	12.7	17.5
1 22	9 27.92	+21 53.5	1.185	2.144	7.9	17.2
2 1	9 18.96	+23 13.0	1.154	2.134	3.7	16.9
2 11	9 8.98	+24 24.6	1.149	2.124	5.5	17.0
2 21	8 59.60	+25 19.2	1.169	2.116	10.4	17.2
3 2	8 52.39	+25 51.8	1.212	2.108	15.3	17.5
3 12	8 48.41	+26 1.9	1.275	2.101	19.4	17.7

133999 2004 VK_{7} 2 5.7 39°.28 1°.4/ 4.9 18

1 2	9 39.58	+15 45.0	1.273	2.114	17.9	19.8
1 12	9 35.49	+16 31.8	1.214	2.124	13.4	19.5
1 22	9 28.33	+17 32.3	1.176	2.134	8.1	19.3
2 1	9 19.02	+18 38.8	1.163	2.145	2.7	19.0
2 11	9 9.04	+19 41.8	1.176	2.157	3.8	19.1
2 21	8 59.97	+20 33.2	1.214	2.169	9.1	19.4
3 2	8 53.18	+21 8.3	1.277	2.182	13.9	19.7
3 12	8 49.51	+21 25.6	1.359	2.195	17.9	20.0

188728 2005 UT_{47} 2 5.7 112°.22 1°.4/ 6.8 18

1 2	9 39.60	+ 9 42.2	2.078	2.874	13.6	21.4
1 12	9 34.36	+10 3.7	2.007	2.889	10.4	21.2
1 22	9 27.13	+10 37.8	1.960	2.904	6.7	21.0
2 1	9 18.55	+11 21.1	1.940	2.919	2.8	20.8
2 11	9 9.55	+12 9.0	1.950	2.933	2.2	20.7
2 21	9 1.10	+12 56.8	1.990	2.947	5.9	21.0
3 2	8 54.06	+13 40.1	2.058	2.960	9.5	21.3
3 12	8 49.07	+14 15.8	2.150	2.973	12.7	21.5

194392 2001 VJ_{15} 2 5.7 82°.29 5°.4/ 2.8 18

1 2	9 45.36	+26 5.9	1.434	2.273	16.3	19.9
1 12	9 39.71	+27 6.4	1.377	2.283	12.3	19.7
1 22	9 30.86	+28 7.7	1.342	2.294	8.2	19.5
2 1	9 19.83	+28 59.7	1.333	2.304	5.5	19.4
2 11	9 8.17	+29 33.5	1.351	2.314	6.9	19.5
2 21	8 57.54	+29 44.7	1.395	2.325	10.7	19.7
3 2	8 49.33	+29 33.3	1.462	2.335	14.6	20.0
3 12	8 44.39	+29 2.5	1.550	2.345	18.0	20.2

348400 2005 JF_{21} 2 5.7 119°.63 0°.3/ 5.5 18

1 2	9 46.35	+13 13.7	2.251	3.040	12.9	22.2
1 12	9 39.14	+14 12.0	2.190	3.072	9.6	22.1
1 22	9 29.94	+15 19.8	2.155	3.103	5.9	21.9
2 1	9 19.44	+16 31.6	2.151	3.132	1.9	21.7
2 11	9 8.61	+17 41.3	2.179	3.160	2.2	21.7
2 21	8 58.42	+18 43.7	2.239	3.186	6.1	22.0
3 2	8 49.76	+19 35.3	2.328	3.211	9.5	22.3
3 12	8 43.23	+20 14.5	2.443	3.234	12.3	22.5

307197 2002 FZ_{1} 2 5.7 216°.76 17°.7/26.5 18

1 2	10 14.97	+52 6.6	1.314	2.095	20.7	20.9
1 12	10 5.22	+54 19.8	1.261	2.086	19.0	20.8
1 22	9 48.37	+56 8.4	1.226	2.076	17.9	20.7
2 1	9 25.90	+57 8.7	1.211	2.064	17.9	20.6
2 11	9 1.52	+57 4.2	1.218	2.052	19.2	20.7
2 21	8 39.79	+55 54.4	1.243	2.037	21.4	20.8
3 2	8 24.01	+53 51.8	1.286	2.021	23.8	20.9
3 12	8 15.27	+51 15.4	1.343	2.004	26.1	21.0

501966 2014 YJ_{21} 2 5.7 279°.95 6°.5/ 8.7 17

1 2	9 42.25	+ 1 10.8	1.839	2.603	16.3	20.9
1 12	9 36.96	+ 0 8.2	1.734	2.584	13.4	20.6
1 22	9 29.14	− 0 39.5	1.651	2.564	10.3	20.4
2 1	9 19.35	− 1 9.5	1.594	2.544	7.4	20.2
2 11	9 8.59	− 1 21.0	1.564	2.524	6.6	20.1
2 21	8 58.07	− 1 15.7	1.561	2.503	8.7	20.2
3 2	8 49.01	− 0 57.3	1.585	2.483	12.1	20.3
3 12	8 42.35	− 0 31.4	1.632	2.463	15.6	20.5

362177 Anji 2 5.7 266°.22 1°.0/ 5.1 16

1 2	9 41.06	+16 18.4	1.723	2.545	14.8	21.9
1 12	9 36.23	+16 48.2	1.630	2.530	11.2	21.7
1 22	9 28.72	+17 28.3	1.561	2.515	6.9	21.4
2 1	9 19.20	+18 13.8	1.518	2.500	2.3	21.1
2 11	9 8.79	+18 58.1	1.504	2.485	3.1	21.1
2 21	8 58.78	+19 35.3	1.517	2.469	7.9	21.3
3 2	8 50.45	+20 1.3	1.557	2.454	12.4	21.6
3 12	8 44.76	+20 14.1	1.619	2.438	16.3	21.8

325942 2010 VK_{54} 2 5.7 165°.22 1°.2/ 4.8 18

1 2	9 42.01	+17 59.7	2.249	3.058	12.2	21.4
1 12	9 36.15	+18 30.8	2.169	3.063	9.1	21.2
1 22	9 28.25	+19 7.8	2.116	3.068	5.6	21.0
2 1	9 18.94	+19 46.0	2.091	3.072	2.0	20.8
2 11	9 9.15	+20 20.7	2.097	3.076	2.8	20.8
2 21	8 59.85	+20 48.1	2.133	3.079	6.4	21.1
3 2	8 51.95	+21 5.6	2.197	3.081	9.9	21.3
3 12	8 46.12	+21 12.5	2.285	3.083	12.8	21.5

320488 2007 VF_{335} 2 5.8 184°.10 2°.4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.51	+ 8 5.7	1.957	2.747	14.5	20.9
1 12	9 36.05	+ 8 5.7	1.871	2.747	11.3	20.7
1 22	9 28.33	+ 8 19.3	1.808	2.747	7.5	20.4
2 1	9 19.01	+ 8 44.9	1.772	2.747	3.7	20.2
2 11	9 9.08	+ 9 18.6	1.765	2.746	2.9	20.1
2 21	8 59.60	+ 9 56.0	1.788	2.744	6.5	20.3
3 2	8 51.61	+10 32.5	1.838	2.742	10.4	20.6
3 12	8 45.86	+11 4.3	1.912	2.740	13.8	20.8

408137 2013 CF_{75} 2 5.8 313°.13 1°.3/ 6.3 16

1 2	9 41.07	+12 58.0	1.342	2.171	17.8	21.2
1 12	9 36.82	+12 45.2	1.256	2.157	13.7	20.9
1 22	9 29.37	+12 45.1	1.190	2.143	8.8	20.5
2 1	9 19.48	+12 55.2	1.148	2.129	3.4	20.2
2 11	9 8.51	+13 10.7	1.133	2.116	3.1	20.1
2 21	8 58.08	+13 26.5	1.143	2.103	8.7	20.4
3 2	8 49.76	+13 37.9	1.177	2.091	14.0	20.7
3 12	8 44.64	+13 41.9	1.231	2.079	18.6	20.9

307402 2002 TZ_{137} 2 5.8 93°.67 3°.2/ 4.3 18

1 2	9 49.25	+22 7.9	1.424	2.253	17.0	20.1
1 12	9 42.36	+22 36.7	1.371	2.274	12.7	19.9
1 22	9 32.35	+23 8.6	1.339	2.293	7.9	19.7
2 1	9 20.29	+23 36.0	1.334	2.313	3.6	19.5
2 11	9 7.80	+23 51.9	1.357	2.332	4.8	19.6
2 21	8 56.50	+23 52.6	1.406	2.350	9.3	19.9
3 2	8 47.71	+23 37.8	1.481	2.368	13.5	20.2
3 12	8 42.18	+23 9.6	1.577	2.386	17.1	20.5

171998 2001 UM_{3} 2 5.8 343°.88 3°.2/ 3.4 18

1 2	9 37.34	+22 41.0	1.951	2.784	12.9	19.5
1 12	9 33.09	+23 26.1	1.873	2.778	9.6	19.3
1 22	9 26.57	+24 15.1	1.819	2.773	6.1	19.1
2 1	9 18.44	+25 1.7	1.792	2.769	3.3	18.9
2 11	9 9.72	+25 39.9	1.794	2.765	4.5	19.0
2 21	9 1.50	+26 5.2	1.823	2.761	8.0	19.2
3 2	8 54.81	+26 15.2	1.878	2.758	11.5	19.4
3 12	8 50.40	+26 10.1	1.956	2.755	14.6	19.6

34886 2001 VH_{12} 2 5.8 234°.20 3°.8/ 2.7 18

1 2	9 44.18	+26 49.1	2.467	3.280	11.2	18.9
1 12	9 37.91	+27 33.2	2.370	3.263	8.5	18.7
1 22	9 29.45	+28 17.5	2.300	3.246	5.7	18.5
2 1	9 19.39	+28 56.1	2.259	3.228	3.9	18.4
2 11	9 8.66	+29 23.5	2.249	3.209	4.9	18.4
2 21	8 58.28	+29 36.4	2.269	3.189	7.7	18.5
3 2	8 49.25	+29 33.4	2.316	3.168	10.7	18.7
3 12	8 42.32	+29 15.8	2.387	3.147	13.4	18.9

206317 2003 KV_{36} 2 5.8 223°.88 4°.1/ 8.4 18

1 2	9 41.83	+ 3 29.1	2.082	2.849	14.5	20.8
1 12	9 36.30	+ 3 16.5	1.980	2.837	11.7	20.6
1 22	9 28.54	+ 3 19.8	1.901	2.825	8.4	20.3
2 1	9 19.12	+ 3 38.7	1.849	2.812	5.2	20.1
2 11	9 8.94	+ 4 11.0	1.826	2.798	4.2	20.0
2 21	8 59.05	+ 4 52.7	1.832	2.783	6.8	20.1
3 2	8 50.48	+ 5 38.9	1.866	2.768	10.4	20.3
3 12	8 44.03	+ 6 24.6	1.925	2.752	13.8	20.5

315524 2008 AT_{99} 2 5.8 317°.50 2°.4/ 7.4 18

1 2	9 36.98	+ 7 18.8	1.603	2.411	16.4	20.5
1 12	9 33.17	+ 7 41.2	1.518	2.405	12.8	20.3
1 22	9 26.81	+ 8 23.0	1.454	2.399	8.5	20.0
2 1	9 18.58	+ 9 21.7	1.416	2.393	4.0	19.7
2 11	9 9.55	+10 31.2	1.405	2.387	3.0	19.6
2 21	9 0.99	+11 44.3	1.422	2.382	7.4	19.9
3 2	8 54.09	+12 53.4	1.464	2.377	11.9	20.1
3 12	8 49.73	+13 52.7	1.529	2.372	15.9	20.4

523798 2017 CX_{33} 2 5.8 1°.63 1°.9/11.8 18

1 2	9 25.81	− 6 40.7	10.874	11.544	3.7	22.0
1 12	9 22.84	− 6 59.2	10.792	11.564	3.1	22.0
1 22	9 19.54	− 7 13.3	10.735	11.585	2.6	22.0
2 1	9 16.03	− 7 22.9	10.707	11.605	2.1	21.9
2 11	9 12.46	− 7 28.4	10.709	11.626	1.9	21.9
2 21	9 8.95	− 7 30.2	10.741	11.647	2.0	21.9
3 2	9 5.66	− 7 28.9	10.802	11.668	2.5	22.0
3 12	9 2.70	− 7 25.2	10.892	11.690	3.0	22.0

169645 2002 JP_{29} 2 5.8 284°.71 2°.6/ 4.1 15

1 2	9 40.57	+18 59.0	1.601	2.433	15.3	20.6
1 12	9 36.22	+19 51.2	1.505	2.410	11.5	20.3
1 22	9 28.94	+20 54.3	1.431	2.388	7.2	20.0
2 1	9 19.35	+22 1.4	1.384	2.365	3.1	19.7
2 11	9 8.64	+23 3.7	1.365	2.341	4.5	19.7
2 21	8 58.25	+23 53.5	1.372	2.318	9.3	19.9
3 2	8 49.63	+24 25.9	1.405	2.295	14.0	20.1
3 12	8 43.91	+24 39.5	1.458	2.271	18.1	20.3

92652 2000 QX_{36} 2 5.8 48°.18 0°.7/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.63	+13 4.5	1.386	2.212	17.5	18.9
1 12	9 36.84	+13 13.7	1.318	2.218	13.3	18.6
1 22	9 29.12	+13 36.6	1.272	2.225	8.3	18.3
2 1	9 19.32	+14 8.9	1.250	2.232	2.9	18.0
2 11	9 8.83	+14 44.5	1.255	2.239	2.8	18.0
2 21	8 59.14	+15 17.0	1.287	2.246	8.1	18.4
3 2	8 51.60	+15 41.8	1.344	2.254	13.0	18.7
3 12	8 47.05	+15 56.2	1.421	2.261	17.0	18.9

424687 2008 RZ_{117} 2 5.8 169°.05 3°.5/ 2.9 16

1 2	9 42.04	+26 10.4	2.423	3.240	11.2	22.4
1 12	9 36.13	+26 49.2	2.348	3.243	8.4	22.2
1 22	9 28.22	+27 27.7	2.298	3.246	5.6	22.0
2 1	9 18.95	+28 0.6	2.278	3.248	3.6	21.9
2 11	9 9.24	+28 23.0	2.288	3.250	4.6	22.0
2 21	9 0.03	+28 32.1	2.327	3.251	7.3	22.1
3 2	8 52.23	+28 27.2	2.393	3.253	10.2	22.3
3 12	8 46.46	+28 9.2	2.483	3.253	12.7	22.5

158832 2004 CQ_{51} 2 5.8 177°.02 10°.4/13.8 18

1 2	9 40.15	−12 27.3	1.362	2.085	22.8	20.4
1 12	9 35.99	−12 17.2	1.280	2.087	19.8	20.1
1 22	9 28.79	−11 24.4	1.213	2.088	16.2	19.9
2 1	9 19.28	− 9 44.4	1.166	2.089	12.7	19.7
2 11	9 8.79	− 7 20.0	1.144	2.089	10.5	19.6
2 21	8 58.84	− 4 22.4	1.147	2.089	11.2	19.6
3 2	8 50.91	− 1 8.8	1.177	2.088	14.3	19.8
3 12	8 46.05	+ 2 2.5	1.230	2.086	18.1	20.0

96890 1999 TE_{36} 2 5.8 63°.72 4°.7/ 3.1 18

1 2	9 44.22	+25 4.0	1.472	2.311	16.0	18.2
1 12	9 38.71	+25 56.1	1.417	2.324	12.0	18.0
1 22	9 30.19	+26 49.4	1.384	2.337	7.8	17.8
2 1	9 19.63	+27 35.0	1.377	2.350	4.9	17.7
2 11	9 8.54	+28 4.9	1.397	2.364	6.2	17.8
2 21	8 58.45	+28 14.8	1.444	2.378	10.0	18.0
3 2	8 50.68	+28 4.5	1.514	2.392	13.9	18.3
3 12	8 45.99	+27 36.8	1.605	2.405	17.2	18.5

183501 2003 FU_{4} 2 5.8 145°.59 2°.0/ 4.2 18

1 2	9 39.44	+18 27.4	1.990	2.811	13.1	20.6
1 12	9 34.54	+19 22.8	1.915	2.816	9.8	20.4
1 22	9 27.41	+20 25.8	1.865	2.820	6.0	20.2
2 1	9 18.73	+21 30.4	1.843	2.824	2.4	19.9
2 11	9 9.48	+22 29.8	1.851	2.827	3.5	20.0
2 21	9 0.73	+23 18.7	1.887	2.831	7.3	20.3
3 2	8 53.50	+23 53.6	1.950	2.834	11.0	20.5
3 12	8 48.50	+24 13.7	2.037	2.837	14.1	20.7

279555 2011 CT_{66} 2 5.8 312°.52 1°.1/ 6.5 18

1 2	9 37.62	+11 30.1	1.736	2.552	15.0	21.3
1 12	9 33.52	+11 42.8	1.646	2.540	11.5	21.0
1 22	9 26.99	+12 9.0	1.579	2.529	7.4	20.7
2 1	9 18.65	+12 45.5	1.537	2.518	2.9	20.4
2 11	9 9.54	+13 27.6	1.524	2.507	2.5	20.4
2 21	9 0.85	+14 9.5	1.538	2.496	7.1	20.6
3 2	8 53.72	+14 46.4	1.578	2.486	11.5	20.9
3 12	8 49.01	+15 14.5	1.641	2.477	15.3	21.1

166675 2002 TD_{86} 2 5.8 60°.12 1°.2/ 4.9 18

1 2	9 40.31	+18 6.0	1.973	2.793	13.3	20.3
1 12	9 34.96	+18 27.7	1.914	2.813	9.9	20.1
1 22	9 27.52	+18 55.0	1.879	2.833	6.0	19.9
2 1	9 18.72	+19 23.4	1.872	2.853	2.1	19.7
2 11	9 9.58	+19 48.1	1.894	2.874	2.8	19.8
2 21	9 1.13	+20 5.5	1.945	2.894	6.7	20.1
3 2	8 54.28	+20 13.7	2.022	2.915	10.2	20.3
3 12	8 49.63	+20 12.0	2.123	2.935	13.2	20.5

186569 2002 YR_{27} 2 5.8 70°.11 2°.1/ 4.3 18

1 2	9 41.14	+18 16.3	1.636	2.465	15.1	20.1
1 12	9 36.02	+19 10.2	1.581	2.485	11.2	19.9
1 22	9 28.36	+20 12.1	1.549	2.504	6.8	19.7
2 1	9 19.03	+21 14.8	1.543	2.524	2.7	19.4
2 11	9 9.24	+22 10.6	1.567	2.544	3.8	19.6
2 21	9 0.26	+22 53.7	1.617	2.564	8.1	19.9
3 2	8 53.19	+23 21.4	1.694	2.584	12.0	20.1
3 12	8 48.73	+23 33.2	1.793	2.603	15.3	20.4

497847 2006 UR_{79} 2 5.8 288°.62 4°.9/ 1.7 17

1 2	9 40.65	+30 46.5	2.404	3.226	11.1	21.3
1 12	9 35.23	+31 32.1	2.331	3.224	8.6	21.2
1 22	9 27.74	+32 14.5	2.283	3.222	6.2	21.0
2 1	9 18.84	+32 47.7	2.263	3.221	4.9	20.9
2 11	9 9.47	+33 6.8	2.272	3.219	5.9	21.0
2 21	9 0.62	+33 9.2	2.310	3.217	8.3	21.1
3 2	8 53.22	+32 54.6	2.373	3.215	10.9	21.3
3 12	8 47.91	+32 24.9	2.459	3.214	13.2	21.5

486792 2014 HF_{147} 2 5.8 208°.57 0°.8/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 44.18	+15 31.7	1.718	2.533	15.2	22.1
1 12	9 38.52	+16 4.6	1.632	2.528	11.5	21.9
1 22	9 30.13	+16 48.3	1.569	2.522	7.1	21.6
2 1	9 19.72	+17 37.7	1.533	2.515	2.3	21.3
2 11	9 8.47	+18 26.0	1.526	2.508	3.0	21.3
2 21	8 57.72	+19 7.2	1.548	2.499	7.8	21.6
3 2	8 48.76	+19 37.0	1.596	2.490	12.3	21.8
3 12	8 42.51	+19 53.7	1.667	2.481	16.1	22.1

15782 1993 ON_{8} 2 5.8 288°.19 1°.2/ 5.1 18

1 2	9 40.24	+15 39.2	1.456	2.288	16.5	18.8
1 12	9 35.96	+16 21.9	1.376	2.281	12.5	18.5
1 22	9 28.74	+17 18.3	1.317	2.274	7.7	18.2
2 1	9 19.29	+18 21.9	1.284	2.267	2.5	17.9
2 11	9 8.93	+19 24.2	1.279	2.260	3.5	17.9
2 21	8 59.13	+20 17.5	1.300	2.253	8.8	18.2
3 2	8 51.31	+20 56.3	1.345	2.246	13.6	18.5
3 12	8 46.47	+21 18.5	1.411	2.240	17.7	18.7

303387 2004 XU_{42} 2 5.8 37°.53 2°.4/ 4.5 18

1 2	9 42.89	+19 59.6	1.384	2.222	16.8	20.0
1 12	9 37.89	+20 26.0	1.320	2.228	12.6	19.8
1 22	9 29.81	+20 59.2	1.277	2.234	7.8	19.5
2 1	9 19.59	+21 32.0	1.260	2.241	3.1	19.3
2 11	9 8.70	+21 57.2	1.269	2.248	4.3	19.4
2 21	8 58.72	+22 9.6	1.305	2.255	9.1	19.7
3 2	8 51.02	+22 7.3	1.365	2.263	13.7	19.9
3 12	8 46.44	+21 50.8	1.445	2.271	17.6	20.2

363153 2001 SD_{77} 2 5.8 139°.27 1°.6/ 7.0 18

1 2	9 40.61	+ 9 18.1	2.280	3.067	12.8	22.0
1 12	9 35.00	+ 9 31.9	2.203	3.079	9.8	21.8
1 22	9 27.52	+ 9 57.2	2.150	3.091	6.4	21.6
2 1	9 18.77	+10 31.3	2.126	3.103	2.8	21.4
2 11	9 9.59	+11 10.5	2.132	3.114	2.2	21.4
2 21	9 0.90	+11 50.5	2.169	3.124	5.6	21.6
3 2	8 53.51	+12 27.6	2.234	3.134	9.0	21.8
3 12	8 48.03	+12 59.0	2.324	3.143	12.0	22.0

178905 2001 OV_{93} 2 5.8 212°.69 2°.2/ 4.3 16

1 2	9 44.81	+21 44.1	2.194	3.006	12.4	21.6
1 12	9 38.44	+22 3.9	2.105	2.999	9.3	21.4
1 22	9 29.80	+22 26.4	2.040	2.992	5.8	21.2
2 1	9 19.56	+22 46.6	2.005	2.984	2.6	21.0
2 11	9 8.70	+22 59.9	2.000	2.976	3.5	21.0
2 21	8 58.33	+23 3.2	2.026	2.967	7.1	21.2
3 2	8 49.46	+22 55.1	2.079	2.957	10.6	21.4
3 12	8 42.85	+22 36.1	2.156	2.947	13.7	21.6

341468 2007 TN_{319} 2 5.8 127°.93 4°.5/ 1.5 18

1 2	9 40.01	+29 34.4	2.571	3.390	10.6	21.2
1 12	9 34.58	+30 34.9	2.507	3.400	8.1	21.0
1 22	9 27.26	+31 33.2	2.470	3.410	5.7	20.9
2 1	9 18.68	+32 23.4	2.461	3.419	4.5	20.8
2 11	9 9.69	+33 0.5	2.483	3.429	5.5	20.9
2 21	9 1.20	+33 21.6	2.533	3.437	7.8	21.1
3 2	8 54.03	+33 26.1	2.609	3.446	10.2	21.2
3 12	8 48.79	+33 15.3	2.708	3.454	12.3	21.4

300099 2006 UU_{264} 2 5.8 242°.03 3°.7/ 9.2 17

1 2	9 35.14	+ 1 36.5	2.601	3.359	12.2	21.4
1 12	9 30.87	+ 1 39.2	2.502	3.351	9.8	21.3
1 22	9 24.99	+ 1 56.6	2.425	3.343	7.2	21.1
2 1	9 17.96	+ 2 28.3	2.376	3.334	4.7	20.9
2 11	9 10.45	+ 3 11.8	2.356	3.326	3.7	20.8
2 21	9 3.18	+ 4 3.6	2.366	3.317	5.5	20.9
3 2	8 56.89	+ 4 59.4	2.405	3.308	8.3	21.1
3 12	8 52.16	+ 5 54.6	2.469	3.299	11.0	21.2

54294 2000 JC_{59} 2 5.8 244°.37 6°.7/10.4 18

1 2	9 38.37	− 3 23.2	2.025	2.767	15.7	19.2
1 12	9 33.76	− 3 54.1	1.928	2.758	13.1	19.0
1 22	9 27.01	− 4 4.8	1.852	2.749	10.3	18.8
2 1	9 18.68	− 3 53.5	1.801	2.740	7.8	18.6
2 11	9 9.64	− 3 21.2	1.777	2.730	6.7	18.5
2 21	9 0.90	− 2 31.2	1.781	2.720	8.0	18.6
3 2	8 53.46	− 1 29.4	1.811	2.710	10.8	18.7
3 12	8 48.10	− 0 22.5	1.866	2.700	13.8	18.9

73746 1993 TY_{24} 2 5.8 87°.79 1°.6/ 6.7 18

1 2	9 42.45	+ 9 42.9	1.320	2.140	18.6	19.9
1 12	9 37.54	+10 5.3	1.257	2.152	14.3	19.7
1 22	9 29.60	+10 46.8	1.215	2.164	9.2	19.4
2 1	9 19.53	+11 42.8	1.197	2.177	3.7	19.1
2 11	9 8.79	+12 45.6	1.206	2.189	3.0	19.1
2 21	8 58.91	+13 47.0	1.241	2.201	8.2	19.5
3 2	8 51.26	+14 40.1	1.301	2.212	13.2	19.8
3 12	8 46.70	+15 20.7	1.382	2.224	17.3	20.0

105281 2000 QH_{36} 2 5.8 98°.30 0°.3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 43.50	+15 26.4	1.852	2.664	14.4	19.4
1 12	9 37.65	+15 14.9	1.772	2.665	10.9	19.2
1 22	9 29.38	+15 10.4	1.715	2.666	6.8	18.9
2 1	9 19.43	+15 9.8	1.685	2.667	2.3	18.6
2 11	9 8.90	+15 9.9	1.685	2.667	2.4	18.6
2 21	8 58.98	+15 7.5	1.713	2.668	6.9	18.9
3 2	8 50.75	+15 0.7	1.769	2.669	10.9	19.2
3 12	8 44.98	+14 48.2	1.848	2.670	14.4	19.4

290227 2005 SL_{62} 2 5.8 170°.16 0°.8/ 6.4 18

1 2	9 39.43	+11 29.0	2.055	2.858	13.5	21.5
1 12	9 34.43	+11 51.1	1.973	2.860	10.3	21.3
1 22	9 27.33	+12 24.8	1.914	2.861	6.5	21.1
2 1	9 18.75	+13 6.9	1.883	2.863	2.5	20.8
2 11	9 9.62	+13 52.5	1.881	2.864	2.1	20.8
2 21	9 0.95	+14 36.8	1.909	2.865	6.2	21.1
3 2	8 53.67	+15 15.6	1.965	2.865	10.0	21.3
3 12	8 48.48	+15 46.1	2.044	2.866	13.3	21.5

238447 2004 PV_{73} 2 5.8 106°.41 1°.3/ 4.9 18

1 2	9 44.69	+16 57.5	1.631	2.451	15.6	21.1
1 12	9 38.70	+17 36.1	1.571	2.469	11.6	20.9
1 22	9 30.05	+18 23.4	1.533	2.488	7.1	20.6
2 1	9 19.63	+19 13.2	1.523	2.505	2.4	20.4
2 11	9 8.72	+19 58.5	1.542	2.522	3.3	20.5
2 21	8 58.66	+20 33.8	1.589	2.539	7.9	20.8
3 2	8 50.60	+20 56.0	1.662	2.555	12.0	21.1
3 12	8 45.27	+21 4.8	1.757	2.570	15.5	21.3

416587 2004 JQ_{25} 2 5.8 164°.60 6°.5/30.6 18

1 2	9 44.49	+35 15.0	2.451	3.263	11.2	21.3
1 12	9 38.22	+36 36.7	2.389	3.269	9.0	21.2
1 22	9 29.66	+37 52.6	2.353	3.274	7.1	21.1
2 1	9 19.51	+38 55.0	2.346	3.279	6.5	21.0
2 11	9 8.81	+39 37.9	2.367	3.283	7.6	21.1
2 21	8 58.66	+39 58.5	2.416	3.287	9.6	21.2
3 2	8 50.09	+39 56.9	2.491	3.289	11.8	21.4
3 12	8 43.82	+39 36.1	2.586	3.291	13.8	21.5

117923 4660 $P–L$ 2 5.8 171°.34 2°.4/ 4.1 18

1 2	9 43.70	+21 4.1	2.076	2.892	12.9	20.2
1 12	9 37.66	+21 43.0	1.999	2.896	9.6	20.0
1 22	9 29.33	+22 26.0	1.947	2.899	6.0	19.8
2 1	9 19.41	+23 7.4	1.923	2.902	2.7	19.6
2 11	9 8.93	+23 41.7	1.929	2.903	3.8	19.7
2 21	8 59.01	+24 4.6	1.965	2.905	7.4	19.9
3 2	8 50.66	+24 14.3	2.028	2.905	10.9	20.1
3 12	8 44.63	+24 10.9	2.114	2.905	13.9	20.3

288072 2003 UJ_{398} 2 5.8 37°.17 3°.4/ 8.6 18

1 2	9 34.77	+ 2 55.7	1.777	2.566	15.8	20.4
1 12	9 31.13	+ 3 30.7	1.706	2.578	12.5	20.2
1 22	9 25.35	+ 4 27.3	1.657	2.590	8.7	20.0
2 1	9 18.11	+ 5 42.5	1.634	2.603	4.9	19.8
2 11	9 10.37	+ 7 10.6	1.638	2.617	3.5	19.7
2 21	9 3.16	+ 8 43.6	1.671	2.630	6.5	19.9
3 2	8 57.44	+10 13.8	1.731	2.645	10.3	20.2
3 12	8 53.87	+11 35.0	1.815	2.659	13.7	20.4

322390 Planes de Son 2 5.8 162°.63 1°.5/ 7.2 17

1 2	9 35.51	+ 8 34.4	2.732	3.517	11.0	21.2
1 12	9 31.02	+ 8 53.1	2.645	3.520	8.4	21.0
1 22	9 25.01	+ 9 22.3	2.582	3.522	5.5	20.8
2 1	9 17.96	+ 9 59.7	2.549	3.525	2.6	20.6
2 11	9 10.53	+10 42.3	2.545	3.527	2.0	20.6
2 21	9 3.41	+11 26.5	2.573	3.529	4.8	20.8
3 2	8 57.26	+12 8.7	2.629	3.530	7.7	21.0
3 12	8 52.62	+12 46.1	2.711	3.532	10.4	21.2

168507 1999 TC_{64} 2 5.8 103°.94 0°.6/ 5.4 18

1 2	9 43.26	+15 21.4	1.752	2.567	14.9	21.5
1 12	9 37.46	+15 51.3	1.689	2.585	11.1	21.3
1 22	9 29.23	+16 30.6	1.650	2.602	6.8	21.1
2 1	9 19.37	+17 14.1	1.637	2.619	2.2	20.8
2 11	9 9.05	+17 55.9	1.654	2.636	2.7	20.9
2 21	8 59.48	+18 30.8	1.700	2.652	7.2	21.2
3 2	8 51.72	+18 55.5	1.772	2.668	11.2	21.5
3 12	8 46.49	+19 8.8	1.867	2.683	14.6	21.7

202373 Ubuntu 2 5.8 140°.07 0°.5/ 6.2 18

1 2	9 37.57	+12 38.6	2.316	3.118	12.1	21.0
1 12	9 32.81	+12 57.3	2.233	3.121	9.2	20.8
1 22	9 26.23	+13 25.3	2.175	3.124	5.8	20.6
2 1	9 18.38	+13 59.5	2.146	3.127	2.1	20.4
2 11	9 10.08	+14 36.0	2.146	3.129	1.9	20.4
2 21	9 2.19	+15 10.8	2.177	3.132	5.6	20.6
3 2	8 55.51	+15 40.6	2.235	3.134	9.0	20.8
3 12	8 50.67	+16 3.2	2.318	3.136	12.0	21.0

84187 2002 RR_{107} 2 5.8 48°.64 2°.2/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.34	+ 8 13.2	1.402	2.218	17.9	18.9
1 12	9 34.89	+ 8 34.4	1.349	2.240	13.7	18.7
1 22	9 27.77	+ 9 14.8	1.317	2.264	8.9	18.5
2 1	9 18.90	+10 9.9	1.309	2.287	4.0	18.2
2 11	9 9.58	+11 12.7	1.329	2.311	3.0	18.2
2 21	9 1.15	+12 15.5	1.375	2.335	7.5	18.6
3 2	8 54.74	+13 11.6	1.446	2.360	11.9	18.9
3 12	8 51.06	+13 56.7	1.539	2.385	15.7	19.2

431230 2006 SR_{343} 2 5.8 145°.32 1°.1/ 4.8 17

1 2	9 37.96	+18 31.4	2.858	3.665	10.0	22.0
1 12	9 32.76	+18 57.3	2.780	3.673	7.4	21.9
1 22	9 26.04	+19 27.1	2.729	3.681	4.5	21.7
2 1	9 18.29	+19 57.6	2.707	3.688	1.6	21.5
2 11	9 10.20	+20 25.2	2.716	3.695	2.3	21.6
2 21	9 2.50	+20 47.2	2.756	3.702	5.2	21.8
3 2	8 55.84	+21 1.6	2.825	3.708	8.0	22.0
3 12	8 50.73	+21 7.8	2.919	3.714	10.4	22.1

323535 2004 RY_{196} 2 5.8 167°.85 4°.3/10.2 18

1 2	9 37.65	− 2 19.5	2.963	3.687	11.6	22.2
1 12	9 32.48	− 2 18.2	2.871	3.693	9.5	22.1
1 22	9 25.85	− 2 2.0	2.802	3.699	7.2	21.9
2 1	9 18.24	− 1 31.1	2.761	3.703	5.2	21.8
2 11	9 10.25	− 0 47.5	2.750	3.707	4.3	21.7
2 21	9 2.54	+ 0 5.7	2.770	3.710	5.4	21.8
3 2	8 55.75	+ 1 4.4	2.819	3.713	7.6	21.9
3 12	8 50.38	+ 2 4.3	2.895	3.714	9.8	22.1

518031 2015 WQ_{18} 2 5.8 2°.33 3°.6/ 7.6 18

1 2	9 39.12	+ 7 31.8	1.293	2.113	18.9	21.2
1 12	9 35.23	+ 7 15.9	1.220	2.112	14.8	21.0
1 22	9 28.31	+ 7 19.6	1.167	2.111	10.1	20.7
2 1	9 19.18	+ 7 41.7	1.136	2.111	5.3	20.4
2 11	9 9.20	+ 8 17.6	1.132	2.112	4.1	20.4
2 21	8 59.91	+ 9 0.8	1.152	2.114	8.5	20.6
3 2	8 52.74	+ 9 44.2	1.197	2.116	13.4	20.9
3 12	8 48.63	+10 21.9	1.262	2.119	17.7	21.2

225164 2008 GC_{114} 2 5.8 183°.94 4°.6/ 9.8 18

1 2	9 38.36	− 1 9.2	2.521	3.260	13.0	21.8
1 12	9 33.29	− 1 12.7	2.427	3.260	10.6	21.7
1 22	9 26.49	− 0 59.6	2.355	3.260	8.0	21.5
2 1	9 18.48	− 0 30.0	2.311	3.259	5.6	21.3
2 11	9 9.98	+ 0 13.9	2.296	3.258	4.6	21.3
2 21	9 1.79	+ 1 8.5	2.311	3.256	6.1	21.4
3 2	8 54.66	+ 2 9.1	2.355	3.253	8.7	21.5
3 12	8 49.22	+ 3 10.5	2.424	3.249	11.3	21.7

321856 2010 RW_{134} 2 5.8 62°.40 2°.0/ 7.1 18

1 2	9 39.39	+ 8 31.3	1.572	2.381	16.6	21.2
1 12	9 34.78	+ 8 52.2	1.509	2.397	12.7	20.9
1 22	9 27.68	+ 9 30.4	1.468	2.414	8.3	20.7
2 1	9 18.88	+10 22.1	1.453	2.431	3.7	20.5
2 11	9 9.59	+11 21.2	1.465	2.447	2.8	20.5
2 21	9 1.02	+12 20.7	1.505	2.464	7.1	20.8
3 2	8 54.27	+13 14.6	1.571	2.481	11.4	21.1
3 12	8 50.08	+13 58.6	1.659	2.498	15.0	21.3

248034 2004 GT_{22} 2 5.8 8°.37 5°.2/ 3.2 18

1 2	9 42.72	+23 57.1	1.173	2.026	18.3	19.7
1 12	9 38.43	+24 53.1	1.111	2.026	13.8	19.5
1 22	9 30.50	+25 53.9	1.070	2.027	9.0	19.2
2 1	9 19.93	+26 48.7	1.052	2.028	5.3	19.0
2 11	9 8.45	+27 26.7	1.060	2.030	7.0	19.1
2 21	8 58.00	+27 41.3	1.091	2.032	11.6	19.3
3 2	8 50.24	+27 31.5	1.144	2.036	16.3	19.6
3 12	8 46.17	+27 0.5	1.216	2.039	20.4	19.9

249114 2007 VU_{327} 2 5.8 265°.24 2°.3/ 7.4 17

1 2	9 38.01	+ 8 28.1	2.338	3.126	12.5	20.5
1 12	9 33.16	+ 8 17.8	2.247	3.122	9.7	20.3
1 22	9 26.46	+ 8 18.1	2.180	3.118	6.5	20.1
2 1	9 18.49	+ 8 27.9	2.141	3.114	3.3	19.8
2 11	9 10.01	+ 8 44.6	2.131	3.111	2.6	19.8
2 21	9 1.90	+ 9 5.1	2.151	3.107	5.6	20.0
3 2	8 54.95	+ 9 26.4	2.199	3.103	8.9	20.2
3 12	8 49.82	+ 9 45.2	2.272	3.099	11.9	20.4

79580 1998 QW_{103} 2 5.8 146°.75 3°.2/ 3.8 18

1 2	9 45.12	+21 14.6	1.660	2.486	15.1	19.7
1 12	9 39.22	+22 10.7	1.592	2.494	11.3	19.5
1 22	9 30.52	+23 12.5	1.548	2.502	7.1	19.3
2 1	9 19.87	+24 12.3	1.531	2.509	3.5	19.1
2 11	9 8.55	+25 1.7	1.543	2.516	4.8	19.2
2 21	8 57.99	+25 35.4	1.583	2.522	8.9	19.4
3 2	8 49.44	+25 51.1	1.648	2.527	12.9	19.7
3 12	8 43.73	+25 49.6	1.735	2.532	16.3	19.9

27980 1997 UA_{21} 2 5.8 198°.03 4°.9/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 38.40	+ 0 24.2	2.033	2.794	15.0	19.5
1 12	9 33.72	+ 0 17.6	1.943	2.793	12.2	19.3
1 22	9 26.95	+ 0 30.0	1.875	2.791	9.0	19.1
2 1	9 18.68	+ 1 1.4	1.833	2.788	6.1	18.9
2 11	9 9.80	+ 1 49.2	1.818	2.786	4.9	18.8
2 21	9 1.29	+ 2 48.6	1.832	2.783	6.9	19.0
3 2	8 54.10	+ 3 53.6	1.874	2.780	10.1	19.1
3 12	8 48.97	+ 4 58.3	1.940	2.776	13.3	19.3

205887 2002 FM_{39} 2 5.8 269°.21 2°.7/ 4.1 18

1 2	9 43.03	+20 17.2	1.754	2.579	14.5	21.2
1 12	9 37.90	+21 0.6	1.654	2.556	11.0	20.9
1 22	9 29.94	+21 51.8	1.578	2.532	6.9	20.6
2 1	9 19.77	+22 44.4	1.528	2.508	3.1	20.3
2 11	9 8.53	+23 30.8	1.508	2.483	4.4	20.4
2 21	8 57.59	+24 4.5	1.515	2.458	8.8	20.6
3 2	8 48.35	+24 22.0	1.548	2.432	13.2	20.8
3 12	8 41.84	+24 22.8	1.603	2.406	17.1	20.9

63940 2001 SR_{55} 2 5.8 136°.01 0°.6/ 6.4 18

1 2	9 36.45	+11 11.3	2.842	3.632	10.4	20.1
1 12	9 31.64	+11 42.4	2.763	3.644	7.9	20.0
1 22	9 25.36	+12 22.2	2.710	3.655	5.0	19.8
2 1	9 18.10	+13 7.9	2.686	3.666	1.9	19.6
2 11	9 10.50	+13 55.9	2.694	3.677	1.6	19.6
2 21	9 3.25	+14 42.6	2.732	3.687	4.7	19.8
3 2	8 56.98	+15 24.9	2.800	3.696	7.6	20.0
3 12	8 52.18	+16 0.4	2.894	3.706	10.0	20.2

334388 2002 CH_{38} 2 5.8 347°.73 1°.4/ 5.2 18

1 2	9 39.57	+17 50.7	1.163	2.013	18.6	20.3
1 12	9 36.03	+17 59.2	1.091	2.005	14.1	20.0
1 22	9 29.05	+18 17.8	1.039	1.999	8.7	19.7
2 1	9 19.50	+18 40.5	1.010	1.993	2.9	19.3
2 11	9 8.95	+19 0.0	1.006	1.988	3.9	19.4
2 21	8 59.23	+19 10.1	1.026	1.985	9.7	19.7
3 2	8 51.95	+19 7.5	1.068	1.982	15.1	20.0
3 12	8 48.17	+18 51.4	1.130	1.981	19.7	20.2

241055 2006 SC_{82} 2 5.8 230°.67 0°.2/ 6.0 17

1 2	9 36.62	+13 15.6	2.624	3.425	10.9	21.6
1 12	9 32.00	+13 39.5	2.530	3.418	8.3	21.4
1 22	9 25.72	+14 11.6	2.461	3.410	5.2	21.1
2 1	9 18.26	+14 49.2	2.421	3.402	1.8	20.9
2 11	9 10.33	+15 28.4	2.412	3.394	1.8	20.9
2 21	9 2.69	+16 5.7	2.433	3.386	5.2	21.1
3 2	8 56.07	+16 38.0	2.482	3.378	8.4	21.3
3 12	8 51.07	+17 3.0	2.557	3.369	11.2	21.5

356348 2010 LP_{34} 2 5.8 269°.78 1°.1/ 5.1 18

1 2	9 39.49	+14 33.6	1.546	2.373	16.0	20.9
1 12	9 35.33	+15 30.0	1.462	2.364	12.1	20.6
1 22	9 28.35	+16 41.9	1.400	2.355	7.4	20.3
2 1	9 19.25	+18 2.7	1.364	2.346	2.4	20.0
2 11	9 9.21	+19 23.7	1.355	2.336	3.4	20.0
2 21	8 59.64	+20 36.1	1.374	2.327	8.5	20.3
3 2	8 51.88	+21 33.6	1.419	2.318	13.2	20.6
3 12	8 46.92	+22 13.1	1.485	2.308	17.3	20.8

417227 2005 YQ_{48} 2 5.8 0°.34 1°.2/ 5.0 18

1 2	9 36.12	+16 8.5	1.472	2.311	16.0	20.6
1 12	9 32.74	+16 46.8	1.400	2.309	12.0	20.4
1 22	9 26.67	+17 37.0	1.350	2.307	7.4	20.1
2 1	9 18.65	+18 33.0	1.325	2.307	2.4	19.8
2 11	9 9.92	+19 27.3	1.326	2.308	3.4	19.9
2 21	9 1.82	+20 12.8	1.354	2.309	8.3	20.2
3 2	8 55.59	+20 44.8	1.407	2.312	12.8	20.4
3 12	8 52.09	+21 1.4	1.480	2.315	16.7	20.7

16540 1991 PO_{16} 2 5.8 236°.28 2°.7/ 8.2 18

1 2	9 37.20	+ 4 24.1	2.210	2.986	13.5	18.5
1 12	9 32.77	+ 4 53.1	2.109	2.975	10.7	18.3
1 22	9 26.37	+ 5 39.5	2.032	2.964	7.4	18.0
2 1	9 18.52	+ 6 41.3	1.983	2.953	4.0	17.8
2 11	9 10.03	+ 7 54.3	1.963	2.941	3.0	17.7
2 21	9 1.81	+ 9 12.9	1.972	2.929	6.0	17.9
3 2	8 54.74	+10 30.8	2.011	2.917	9.5	18.1
3 12	8 49.56	+11 42.8	2.075	2.904	12.8	18.3

175660 1981 QC_{3} 2 5.8 123°.66 0°.4/ 6.2 18

1 2	9 41.24	+11 43.4	2.298	3.091	12.5	21.1
1 12	9 35.45	+12 22.7	2.229	3.112	9.4	20.9
1 22	9 27.81	+13 12.2	2.186	3.133	5.9	20.7
2 1	9 18.93	+14 8.1	2.172	3.152	2.1	20.5
2 11	9 9.68	+15 5.3	2.188	3.171	1.9	20.5
2 21	9 0.95	+15 59.0	2.236	3.189	5.6	20.8
3 2	8 53.55	+16 45.5	2.312	3.206	9.0	21.1
3 12	8 48.08	+17 22.5	2.414	3.223	11.9	21.3

452632 2005 TA_{42} 2 5.8 132.°42 1.°2/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 44.62	+10 30.1	1.767	2.566	15.5	22.5
1 12	9 38.50	+10 51.6	1.698	2.582	11.8	22.3
1 22	9 29.92	+11 26.9	1.651	2.597	7.5	22.1
2 1	9 19.66	+12 12.1	1.632	2.611	3.0	21.9
2 11	9 8.88	+13 1.5	1.642	2.625	2.5	21.8
2 21	8 58.79	+13 49.4	1.682	2.638	6.9	22.1
3 2	8 50.49	+14 31.0	1.749	2.650	11.0	22.4
3 12	8 44.70	+15 3.3	1.839	2.661	14.5	22.7

46910 1998 RM_{72} 2 5.8 159.°00 0.°4/ 6.1 18

1 2	9 40.20	+12 34.3	1.838	2.648	14.5	19.7
1 12	9 35.27	+13 2.8	1.759	2.651	11.0	19.4
1 22	9 27.99	+13 43.7	1.703	2.653	6.9	19.2
2 1	9 19.06	+14 32.7	1.674	2.656	2.4	18.9
2 11	9 9.51	+15 24.2	1.675	2.658	2.3	18.9
2 21	9 0.47	+16 12.3	1.704	2.659	6.8	19.2
3 2	8 53.02	+16 52.7	1.760	2.661	10.9	19.4
3 12	8 47.92	+17 22.4	1.839	2.662	14.4	19.7

354505 2004 PX_{37} 2 5.8 152.°66 0.°3/ 5.6 18

1 2	9 45.25	+15 26.0	1.923	2.729	14.1	21.4
1 12	9 38.88	+15 45.9	1.848	2.739	10.6	21.2
1 22	9 30.12	+16 14.2	1.797	2.748	6.6	21.0
2 1	9 19.74	+16 46.5	1.774	2.756	2.1	20.7
2 11	9 8.81	+17 17.6	1.781	2.763	2.5	20.7
2 21	8 58.51	+17 43.3	1.818	2.770	6.9	21.0
3 2	8 49.90	+18 0.5	1.883	2.776	10.8	21.3
3 12	8 43.72	+18 8.1	1.971	2.781	14.1	21.5

297501 2000 WV_{51} 2 5.8 109.°79 2.°2/ 7.3 18

1 2	9 43.44	+ 8 12.4	1.820	2.611	15.4	21.1
1 12	9 37.47	+ 8 22.1	1.755	2.633	11.8	20.9
1 22	9 29.20	+ 8 46.6	1.713	2.653	7.8	20.7
2 1	9 19.41	+ 9 22.8	1.697	2.673	3.7	20.5
2 11	9 9.19	+10 6.2	1.711	2.693	2.8	20.5
2 21	8 59.66	+10 51.3	1.755	2.711	6.6	20.8
3 2	8 51.85	+11 33.3	1.825	2.729	10.4	21.1
3 12	8 46.42	+12 8.6	1.920	2.747	13.8	21.3

289176 2004 VT_{70} 2 5.8 53.°58 0.°1/ 5.7 18

1 2	9 42.25	+14 15.2	1.298	2.131	18.1	20.7
1 12	9 37.36	+14 37.4	1.244	2.148	13.6	20.5
1 22	9 29.46	+15 13.1	1.211	2.166	8.4	20.3
2 1	9 19.53	+15 56.2	1.202	2.184	2.7	20.0
2 11	9 9.08	+16 39.2	1.219	2.202	3.0	20.1
2 21	8 59.63	+17 15.6	1.263	2.221	8.4	20.4
3 2	8 52.48	+17 41.0	1.332	2.240	13.2	20.7
3 12	8 48.42	+17 53.5	1.421	2.259	17.1	21.0

193766 2001 MW_{1} 2 5.8 261.°36 3.°0/ 7.3 18

1 2	9 42.74	+ 8 34.7	1.512	2.318	17.3	20.3
1 12	9 37.79	+ 8 18.4	1.422	2.307	13.6	20.1
1 22	9 29.91	+ 8 18.0	1.352	2.295	9.2	19.8
2 1	9 19.79	+ 8 32.2	1.308	2.283	4.6	19.5
2 11	9 8.66	+ 8 57.4	1.290	2.271	3.7	19.4
2 21	8 57.98	+ 9 28.6	1.300	2.259	8.1	19.6
3 2	8 49.17	+10 0.2	1.335	2.246	12.9	19.8
3 12	8 43.26	+10 27.4	1.392	2.233	17.2	20.1

426323 2012 UG_{94} 2 5.8 238.°85 0.°2/ 5.9 18

1 2	9 36.18	+12 44.6	2.451	3.254	11.5	21.2
1 12	9 31.80	+13 19.5	2.359	3.248	8.7	21.0
1 22	9 25.66	+14 4.3	2.292	3.241	5.4	20.8
2 1	9 18.27	+14 55.6	2.253	3.235	1.9	20.5
2 11	9 10.37	+15 49.0	2.245	3.228	1.9	20.5
2 21	9 2.78	+16 40.0	2.267	3.221	5.5	20.8
3 2	8 56.27	+17 24.7	2.318	3.214	8.9	21.0
3 12	8 51.47	+18 0.6	2.393	3.207	11.8	21.1

519562 2012 RN_{44} 2 5.8 116.°94 2.°5/ 3.8 17

1 2	9 40.17	+23 21.0	2.478	3.295	11.0	21.8
1 12	9 34.67	+23 49.5	2.406	3.303	8.2	21.7
1 22	9 27.34	+24 19.2	2.359	3.310	5.2	21.5
2 1	9 18.79	+24 45.6	2.342	3.318	2.7	21.3
2 11	9 9.87	+25 4.7	2.354	3.325	3.6	21.4
2 21	9 1.45	+25 13.8	2.397	3.332	6.5	21.6
3 2	8 54.33	+25 11.7	2.467	3.340	9.4	21.8
3 12	8 49.09	+24 58.8	2.561	3.346	11.9	22.0

61411 2000 QC_{12} 2 5.8 269.°08 0.°0/ 5.6 18

1 2	9 43.07	+15 1.6	1.539	2.361	16.3	19.2
1 12	9 38.00	+15 8.3	1.452	2.351	12.4	18.9
1 22	9 30.00	+15 25.6	1.388	2.342	7.8	18.6
2 1	9 19.80	+15 49.4	1.350	2.332	2.6	18.3
2 11	9 8.70	+16 14.2	1.339	2.322	2.8	18.3
2 21	8 58.14	+16 34.6	1.356	2.312	8.1	18.6
3 2	8 49.52	+16 46.8	1.398	2.303	13.0	18.8
3 12	8 43.81	+16 49.0	1.462	2.293	17.1	19.0

86051 1999 QB_{2} 2 5.8 128.°77 0.°6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.90	+12 51.8	2.444	3.238	11.8	19.0
1 12	9 35.12	+13 3.1	2.370	3.254	8.9	18.8
1 22	9 27.57	+13 22.4	2.321	3.268	5.6	18.7
2 1	9 18.86	+13 46.8	2.302	3.282	2.0	18.4
2 11	9 9.80	+14 12.9	2.313	3.296	1.8	18.4
2 21	9 1.22	+14 37.4	2.355	3.309	5.3	18.7
3 2	8 53.89	+14 57.6	2.425	3.321	8.6	18.9
3 12	8 48.39	+15 11.7	2.521	3.333	11.3	19.1

125053 2001 TG_{221} 2 5.8 215.°03 0.°8/ 5.3 18

1 2	9 44.99	+16 26.6	1.873	2.684	14.3	21.0
1 12	9 38.98	+16 48.3	1.783	2.676	10.8	20.8
1 22	9 30.39	+17 18.3	1.716	2.667	6.7	20.5
2 1	9 19.90	+17 52.1	1.676	2.658	2.2	20.2
2 11	9 8.61	+18 24.2	1.667	2.648	2.8	20.2
2 21	8 57.79	+18 49.8	1.686	2.637	7.4	20.5
3 2	8 48.62	+19 5.6	1.733	2.625	11.6	20.7
3 12	8 41.99	+19 10.4	1.804	2.613	15.2	20.9

84509 2002 TZ_{288} 2 5.8 41.°61 2.°2/ 4.6 18

1 2	9 42.09	+19 26.2	1.370	2.209	16.9	18.6
1 12	9 37.16	+19 54.2	1.317	2.226	12.6	18.4
1 22	9 29.29	+20 29.1	1.286	2.243	7.7	18.2
2 1	9 19.48	+21 3.9	1.280	2.261	3.0	17.9
2 11	9 9.19	+21 31.5	1.300	2.279	4.1	18.0
2 21	8 59.91	+21 46.9	1.347	2.298	8.8	18.4
3 2	8 52.90	+21 48.2	1.418	2.317	13.2	18.7
3 12	8 48.90	+21 35.9	1.510	2.337	16.8	18.9

110324 2001 SV_{282} 2 5.8 108.°68 6.°6/ 1.2 18

1 2	9 46.94	+33 46.2	2.018	2.836	13.1	18.8
1 12	9 40.23	+34 47.1	1.965	2.852	10.3	18.6
1 22	9 30.95	+35 41.1	1.936	2.867	7.8	18.5
2 1	9 20.00	+36 20.3	1.935	2.882	6.6	18.4
2 11	9 8.62	+36 38.6	1.962	2.896	7.7	18.5
2 21	8 58.13	+36 33.8	2.017	2.910	10.0	18.7
3 2	8 49.64	+36 7.6	2.096	2.924	12.6	18.9
3 12	8 43.82	+35 23.8	2.197	2.937	15.0	19.1

354507 2004 PW_{48} 2 5.8 109.°01 1.°8/ 4.7 18

1 2	9 45.60	+18 12.8	1.693	2.511	15.2	21.5
1 12	9 39.31	+18 56.2	1.634	2.532	11.3	21.3
1 22	9 30.44	+19 46.9	1.599	2.553	6.9	21.1
2 1	9 19.84	+20 38.1	1.592	2.573	2.6	20.8
2 11	9 8.79	+21 23.0	1.613	2.592	3.6	20.9
2 21	8 58.59	+21 56.5	1.664	2.610	7.9	21.2
3 2	8 50.37	+22 15.9	1.741	2.628	11.8	21.5
3 12	8 44.85	+22 21.4	1.840	2.645	15.2	21.8

135587 2002 GX_{105} 2 5.8 355.°06 4.°6/ 2.3 18

1 2	9 38.09	+24 3.8	1.688	2.528	14.2	19.6
1 12	9 34.09	+25 23.1	1.618	2.526	10.7	19.3
1 22	9 27.46	+26 47.2	1.571	2.525	7.0	19.1
2 1	9 18.94	+28 7.1	1.552	2.524	4.7	19.0
2 11	9 9.69	+29 13.8	1.560	2.523	6.2	19.1
2 21	9 1.02	+30 1.1	1.594	2.522	9.7	19.3
3 2	8 54.14	+30 26.1	1.653	2.522	13.4	19.5
3 12	8 49.91	+30 29.7	1.732	2.523	16.6	19.7

189977 2004 CB_{32} 2 5.8 308.°76 0.°9/ 6.7 17

1 2	9 33.38	+10 58.7	3.102	3.893	9.6	20.6
1 12	9 29.33	+11 13.3	3.010	3.891	7.3	20.5
1 22	9 23.96	+11 35.7	2.945	3.889	4.7	20.3
2 1	9 17.68	+12 3.9	2.908	3.886	1.9	20.1
2 11	9 11.07	+12 35.3	2.902	3.884	1.6	20.1
2 21	9 4.71	+13 7.0	2.926	3.882	4.3	20.3
3 2	8 59.19	+13 36.4	2.980	3.880	7.0	20.4
3 12	8 54.95	+14 1.4	3.059	3.878	9.4	20.6

376436 2012 HF_{28} 2 5.8 164.°46 1.°0/ 4.8 18

1 2	9 38.41	+15 57.5	2.493	3.299	11.3	21.5
1 12	9 33.41	+16 55.5	2.412	3.304	8.4	21.3
1 22	9 26.62	+18 1.6	2.357	3.309	5.1	21.1
2 1	9 18.59	+19 10.9	2.331	3.313	1.7	20.9
2 11	9 10.08	+20 18.1	2.337	3.317	2.5	20.9
2 21	9 1.93	+21 18.4	2.374	3.320	5.9	21.1
3 2	8 54.93	+22 8.1	2.439	3.322	9.1	21.4
3 12	8 49.69	+22 45.6	2.529	3.324	11.8	21.5

2449 Kenos 2 5.8 227.°38 12.°5/15.2 18

1 2	9 41.06	−16 36.7	1.499	2.184	22.5	17.9
1 12	9 36.74	−16 53.2	1.403	2.174	20.1	17.7
1 22	9 29.41	−16 29.4	1.321	2.163	17.3	17.5
2 1	9 19.69	−15 17.6	1.258	2.151	14.5	17.2
2 11	9 8.78	−13 16.2	1.218	2.139	12.7	17.1
2 21	8 58.17	−10 31.5	1.203	2.125	12.9	17.1
3 2	8 49.37	− 7 17.5	1.214	2.111	15.2	17.1
3 12	8 43.53	− 3 53.0	1.249	2.096	18.5	17.3

275762 2001 OG_{113} 2 5.8 90°.63 6°.1/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.97	+35 17.8	2.581	3.394	10.7	20.5
1 12	9 36.83	+36 39.3	2.542	3.422	8.5	20.4
1 22	9 28.68	+37 53.8	2.530	3.451	6.7	20.3
2 1	9 19.23	+38 54.6	2.546	3.478	6.1	20.3
2 11	9 9.46	+39 36.6	2.591	3.505	7.1	20.4
2 21	9 0.33	+39 57.9	2.664	3.532	8.8	20.6
3 2	8 52.70	+39 59.0	2.762	3.558	10.8	20.7
3 12	8 47.19	+39 42.6	2.881	3.584	12.5	20.9

354898 2006 BP_{267} 2 5.8 321°.41 2°.7/ 4.5 18

1 2	9 43.21	+20 47.2	1.334	2.175	17.2	20.3
1 12	9 38.53	+21 7.7	1.257	2.166	13.0	20.0
1 22	9 30.52	+21 34.4	1.201	2.158	8.1	19.7
2 1	9 20.02	+22 0.5	1.169	2.150	3.4	19.4
2 11	9 8.55	+22 18.1	1.164	2.142	4.7	19.5
2 21	8 57.83	+22 21.9	1.184	2.135	9.8	19.8
3 2	8 49.44	+22 10.0	1.228	2.128	14.7	20.0
3 12	8 44.40	+21 43.3	1.292	2.122	19.0	20.3

89422 2001 WY_{29} 2 5.8 176°.75 4°.9/ 1.3 18

1 2	9 41.36	+27 23.8	2.212	3.035	11.9	19.7
1 12	9 36.04	+28 50.3	2.140	3.037	9.1	19.5
1 22	9 28.45	+30 17.7	2.094	3.038	6.3	19.3
2 1	9 19.25	+31 38.1	2.078	3.039	4.9	19.2
2 11	9 9.41	+32 44.3	2.091	3.040	6.2	19.3
2 21	9 0.03	+33 31.3	2.133	3.040	8.9	19.5
3 2	8 52.13	+33 57.6	2.200	3.039	11.7	19.6
3 12	8 46.47	+34 4.3	2.290	3.038	14.2	19.8

241429 2008 VY_{70} 2 5.8 281°.91 0°.0/ 5.7 17

1 2	9 41.94	+14 24.4	1.493	2.318	16.6	21.2
1 12	9 37.32	+14 36.8	1.403	2.303	12.7	20.9
1 22	9 29.70	+15 1.7	1.334	2.287	8.0	20.6
2 1	9 19.77	+15 34.8	1.290	2.272	2.7	20.2
2 11	9 8.79	+16 10.0	1.274	2.257	2.9	20.2
2 21	8 58.27	+16 41.2	1.284	2.242	8.4	20.5
3 2	8 49.66	+17 3.6	1.320	2.226	13.4	20.7
3 12	8 44.04	+17 14.5	1.376	2.211	17.8	20.9

233487 2006 XA_{19} 2 5.8 110°.33 4°.4/ 2.1 18

1 2	9 42.50	+25 2.7	2.026	2.850	12.8	19.8
1 12	9 36.84	+26 29.0	1.970	2.869	9.6	19.6
1 22	9 28.88	+27 56.8	1.939	2.888	6.4	19.4
2 1	9 19.36	+29 17.9	1.938	2.906	4.4	19.3
2 11	9 9.35	+30 24.8	1.966	2.924	5.7	19.5
2 21	8 59.99	+31 12.8	2.023	2.941	8.7	19.7
3 2	8 52.29	+31 40.3	2.106	2.958	11.7	19.9
3 12	8 46.96	+31 48.8	2.211	2.974	14.3	20.1

32782 1988 RX_{10} 2 5.8 133°.83 0°.9/ 4.9 18

1 2	9 37.55	+17 26.9	2.781	3.588	10.2	19.7
1 12	9 32.53	+17 55.6	2.705	3.598	7.6	19.5
1 22	9 25.97	+18 29.2	2.655	3.607	4.6	19.3
2 1	9 18.36	+19 4.2	2.634	3.616	1.6	19.1
2 11	9 10.42	+19 37.1	2.645	3.624	2.2	19.2
2 21	9 2.86	+20 4.7	2.685	3.633	5.2	19.4
3 2	8 56.35	+20 24.9	2.755	3.641	8.1	19.6
3 12	8 51.42	+20 36.7	2.850	3.648	10.5	19.8

81553 2000 HO_{25} 2 5.8 91°.44 2°.6/ 4.1 18

1 2	9 42.37	+20 47.6	1.776	2.602	14.2	19.2
1 12	9 36.92	+21 31.2	1.713	2.615	10.6	19.0
1 22	9 29.00	+22 19.7	1.674	2.628	6.6	18.8
2 1	9 19.41	+23 6.6	1.661	2.640	3.0	18.6
2 11	9 9.32	+23 45.3	1.678	2.653	4.1	18.7
2 21	8 59.96	+24 11.2	1.723	2.665	8.0	19.0
3 2	8 52.41	+24 22.2	1.794	2.677	11.8	19.2
3 12	8 47.41	+24 18.8	1.887	2.689	14.9	19.5

243429 2009 CA_{63} 2 5.8 239°.76 3°.4/ 2.6 17

1 2	9 40.82	+27 55.9	2.943	3.756	9.6	21.5
1 12	9 35.10	+28 28.3	2.850	3.742	7.3	21.4
1 22	9 27.63	+28 59.4	2.784	3.727	5.0	21.2
2 1	9 18.94	+29 24.8	2.747	3.713	3.5	21.1
2 11	9 9.78	+29 40.6	2.741	3.698	4.3	21.1
2 21	9 0.95	+29 44.4	2.764	3.682	6.6	21.2
3 2	8 53.22	+29 35.5	2.816	3.666	9.1	21.4
3 12	8 47.19	+29 14.5	2.892	3.650	11.4	21.5

208627 2002 EJ_{72} 2 5.8 45°.95 2°.6/ 7.3 18

1 2	9 39.41	+ 7 55.5	1.355	2.172	18.3	20.0
1 12	9 35.25	+ 8 7.3	1.291	2.182	14.2	19.8
1 22	9 28.23	+ 8 39.2	1.246	2.192	9.4	19.5
2 1	9 19.21	+ 9 28.1	1.226	2.203	4.4	19.2
2 11	9 9.54	+10 27.2	1.232	2.214	3.3	19.2
2 21	9 0.64	+11 28.7	1.264	2.226	7.9	19.5
3 2	8 53.79	+12 25.4	1.321	2.237	12.6	19.8
3 12	8 49.85	+13 11.9	1.400	2.249	16.7	20.1

355398 2007 UO_{17} 2 5.8 237°.29 1°.3/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.33	+10 39.9	1.813	2.616	15.0	21.4
1 12	9 36.32	+10 56.4	1.719	2.606	11.5	21.2
1 22	9 28.81	+11 26.9	1.648	2.594	7.5	20.9
2 1	9 19.44	+12 8.4	1.603	2.583	3.0	20.6
2 11	9 9.23	+12 55.9	1.588	2.571	2.5	20.5
2 21	8 59.40	+13 43.6	1.601	2.558	7.0	20.8
3 2	8 51.12	+14 26.5	1.641	2.545	11.4	21.0
3 12	8 45.27	+15 0.6	1.704	2.531	15.2	21.2

335975 2007 TV_{222} 2 5.8 140°.32 5°.0/ 1.5 18

1 2	9 42.98	+32 29.7	2.627	3.441	10.5	21.2
1 12	9 36.81	+33 16.5	2.563	3.449	8.2	21.1
1 22	9 28.68	+33 58.6	2.525	3.458	6.1	21.0
2 1	9 19.28	+34 30.4	2.515	3.465	5.0	20.9
2 11	9 9.50	+34 47.5	2.535	3.473	5.9	21.0
2 21	9 0.29	+34 47.9	2.584	3.480	8.0	21.1
3 2	8 52.50	+34 31.7	2.659	3.487	10.2	21.3
3 12	8 46.73	+34 1.0	2.757	3.494	12.3	21.5

233781 2008 TO_{171} 2 5.8 72°.89 0°.3/ 6.1 18

1 2	9 37.75	+13 4.1	2.122	2.930	12.9	20.9
1 12	9 33.14	+13 26.9	2.044	2.935	9.7	20.7
1 22	9 26.55	+13 59.6	1.991	2.941	6.1	20.5
2 1	9 18.61	+14 38.7	1.965	2.946	2.1	20.3
2 11	9 10.20	+15 19.6	1.969	2.952	2.0	20.3
2 21	9 2.25	+15 57.9	2.002	2.958	6.0	20.5
3 2	8 55.64	+16 29.9	2.063	2.963	9.6	20.8
3 12	8 51.01	+16 53.4	2.147	2.969	12.7	21.0

8011 Saijokeiichi 2 5.8 24°.61 1°.3/ 6.5 18

1 2	9 38.37	+11 30.0	1.398	2.225	17.3	17.6
1 12	9 34.40	+11 38.6	1.333	2.233	13.2	17.3
1 22	9 27.68	+12 2.5	1.289	2.241	8.4	17.1
2 1	9 19.03	+12 38.0	1.270	2.250	3.3	16.8
2 11	9 9.76	+13 19.0	1.277	2.260	2.7	16.8
2 21	9 1.26	+13 59.0	1.310	2.271	7.8	17.1
3 2	8 54.75	+14 32.6	1.368	2.283	12.4	17.4
3 12	8 51.04	+14 56.3	1.447	2.295	16.4	17.7

436003 2009 FQ_{56} 2 5.8 352°.95 12°.4/13.7 18

1 2	9 38.51	−16 14.7	2.042	2.701	17.9	19.9
1 12	9 34.02	−18 5.2	1.958	2.697	16.2	19.8
1 22	9 27.31	−19 32.2	1.893	2.694	14.5	19.7
2 1	9 18.94	−20 29.7	1.848	2.691	13.1	19.5
2 11	9 9.81	−20 54.3	1.826	2.689	12.4	19.5
2 21	9 0.97	−20 46.3	1.827	2.688	12.6	19.5
3 2	8 53.45	−20 9.8	1.851	2.687	13.7	19.6
3 12	8 48.08	−19 12.2	1.895	2.686	15.3	19.7

320869 2008 GO_{2} 2 5.8 250°.66 1°.0/ 6.6 17

1 2	9 38.93	+10 34.8	1.964	2.767	14.0	21.7
1 12	9 34.34	+11 0.3	1.869	2.755	10.7	21.4
1 22	9 27.50	+11 39.5	1.797	2.744	6.9	21.2
2 1	9 19.00	+12 29.3	1.752	2.732	2.7	20.9
2 11	9 9.76	+13 24.7	1.737	2.720	2.3	20.8
2 21	9 0.85	+14 19.9	1.751	2.708	6.6	21.1
3 2	8 53.32	+15 9.8	1.792	2.695	10.6	21.3
3 12	8 47.98	+15 50.7	1.856	2.682	14.2	21.5

83472 2001 SG_{78} 2 5.8 9°.90 0°.0/ 5.6 18

1 2	9 37.14	+14 19.7	2.078	2.892	12.9	19.6
1 12	9 32.76	+14 41.4	1.998	2.893	9.7	19.3
1 22	9 26.37	+15 12.3	1.942	2.894	6.0	19.1
2 1	9 18.57	+15 48.7	1.913	2.895	2.0	18.9
2 11	9 10.27	+16 26.0	1.914	2.896	2.2	18.9
2 21	9 2.41	+16 59.8	1.943	2.898	6.2	19.1
3 2	8 55.90	+17 26.7	2.000	2.900	9.9	19.4
3 12	8 51.41	+17 44.5	2.080	2.902	13.0	19.6

217427 2005 RL_{30} 2 5.8 151°.58 1°.1/ 4.8 18

1 2	9 40.13	+16 24.0	2.597	3.399	11.0	21.0
1 12	9 34.59	+17 18.0	2.520	3.411	8.2	20.8
1 22	9 27.32	+18 18.8	2.470	3.421	5.0	20.7
2 1	9 18.86	+19 22.0	2.450	3.431	1.7	20.4
2 11	9 9.98	+20 22.5	2.462	3.441	2.4	20.5
2 21	9 1.49	+21 15.9	2.504	3.449	5.7	20.7
3 2	8 54.15	+21 59.3	2.576	3.457	8.7	20.9
3 12	8 48.55	+22 31.1	2.673	3.464	11.4	21.1

97449 2000 BE_{39} 2 5.8 304°.01 0°.3/ 6.0 18

1 2	9 38.21	+13 23.8	2.085	2.894	13.1	20.1
1 12	9 33.57	+13 42.4	2.001	2.893	9.9	19.9
1 22	9 26.88	+14 10.8	1.941	2.892	6.2	19.6
2 1	9 18.75	+14 45.6	1.909	2.890	2.1	19.4
2 11	9 10.08	+15 22.3	1.906	2.889	2.1	19.4
2 21	9 1.84	+15 56.5	1.933	2.888	6.2	19.6
3 2	8 54.94	+16 24.8	1.986	2.887	9.9	19.8
3 12	8 50.10	+16 44.6	2.064	2.886	13.1	20.0

466128 2012 FO_{17} 2 5.8 279°.48 4°.1/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.79	+ 1 58.2	1.870	2.647	15.6	22.3
1 12	9 32.91	+ 2 17.6	1.765	2.628	12.6	22.1
1 22	9 26.72	+ 2 59.0	1.682	2.609	9.0	21.8
2 1	9 18.78	+ 4 1.9	1.624	2.589	5.5	21.6
2 11	9 9.97	+ 5 22.2	1.594	2.570	4.2	21.4
2 21	9 1.38	+ 6 53.2	1.593	2.550	7.0	21.6
3 2	8 54.12	+ 8 27.0	1.619	2.530	11.0	21.7
3 12	8 49.06	+ 9 56.0	1.669	2.511	14.8	21.9

302466 2002 ES_{136} 2 5.8 335°.88 1°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.65	+16 22.7	1.297	2.140	17.5	21.2
1 12	9 35.12	+16 58.7	1.221	2.131	13.2	20.9
1 22	9 28.44	+17 48.2	1.165	2.123	8.2	20.6
2 1	9 19.39	+18 44.6	1.134	2.116	2.8	20.3
2 11	9 9.36	+19 39.2	1.128	2.110	3.8	20.3
2 21	8 59.98	+20 23.8	1.148	2.104	9.3	20.6
3 2	8 52.75	+20 53.2	1.191	2.099	14.5	20.9
3 12	8 48.72	+21 5.4	1.254	2.095	18.8	21.2

131274 2001 FO_{65} 2 5.8 332°.84 1°.8/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.76	+17 45.7	1.695	2.528	14.5	19.4
1 12	9 33.06	+18 29.7	1.612	2.518	10.9	19.1
1 22	9 26.86	+19 23.5	1.551	2.508	6.7	18.9
2 1	9 18.81	+20 21.3	1.517	2.499	2.5	18.6
2 11	9 10.00	+21 15.7	1.511	2.490	3.6	18.6
2 21	9 1.65	+22 0.6	1.531	2.481	8.1	18.9
3 2	8 54.94	+22 31.6	1.577	2.474	12.3	19.1
3 12	8 50.74	+22 47.0	1.645	2.467	15.9	19.3

103943 2000 DU_{70} 2 5.8 231°.15 2°.0/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.91	+21 2.4	2.230	3.047	12.0	19.5
1 12	9 35.51	+21 22.5	2.147	3.045	9.0	19.3
1 22	9 28.03	+21 45.9	2.089	3.042	5.6	19.1
2 1	9 19.13	+22 8.0	2.060	3.039	2.4	18.8
2 11	9 9.71	+22 24.5	2.060	3.036	3.3	18.9
2 21	9 0.77	+22 32.2	2.090	3.033	6.7	19.1
3 2	8 53.23	+22 29.5	2.147	3.030	10.1	19.3
3 12	8 47.76	+22 16.5	2.228	3.027	13.0	19.5

212630 2006 TK_{54} 2 5.8 153°.39 1°.0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.84	+11 0.8	2.843	3.632	10.5	21.1
1 12	9 31.98	+11 13.3	2.759	3.638	8.0	21.0
1 22	9 25.64	+11 33.9	2.700	3.643	5.1	20.8
2 1	9 18.30	+12 0.5	2.670	3.648	2.1	20.6
2 11	9 10.61	+12 30.4	2.670	3.653	1.7	20.6
2 21	9 3.24	+13 0.3	2.702	3.657	4.7	20.8
3 2	8 56.84	+13 27.7	2.763	3.661	7.5	21.0
3 12	8 51.93	+13 50.3	2.849	3.665	10.1	21.1

451720 2013 CL_{184} 2 5.8 3°.93 2°.0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.47	+ 9 16.7	1.180	2.015	19.4	21.0
1 12	9 33.53	+ 9 33.9	1.111	2.014	15.0	20.7
1 22	9 27.44	+10 13.0	1.062	2.014	9.8	20.4
2 1	9 19.05	+11 10.3	1.035	2.015	4.2	20.1
2 11	9 9.77	+12 17.9	1.034	2.017	3.2	20.0
2 21	9 1.23	+13 26.3	1.056	2.020	8.7	20.3
3 2	8 54.90	+14 27.0	1.102	2.024	14.0	20.6
3 12	8 51.76	+15 14.2	1.168	2.029	18.6	20.9

209101 2003 SV_{67} 2 5.8 134°.21 3°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.41	+22 33.2	1.871	2.691	13.9	21.2
1 12	9 39.14	+23 13.9	1.804	2.703	10.4	21.0
1 22	9 30.36	+23 57.5	1.761	2.713	6.5	20.8
2 1	9 19.90	+24 37.3	1.747	2.724	3.3	20.6
2 11	9 8.92	+25 7.3	1.762	2.734	4.5	20.7
2 21	8 58.68	+25 23.5	1.806	2.743	8.1	20.9
3 2	8 50.27	+25 24.5	1.876	2.752	11.7	21.2
3 12	8 44.43	+25 11.5	1.969	2.760	14.8	21.4

258173 2001 SK_{134} 2 5.8 87°.38 6°.0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.43	− 3 49.7	1.903	2.648	16.5	20.8
1 12	9 33.72	− 3 44.1	1.834	2.668	13.6	20.6
1 22	9 26.94	− 3 14.6	1.786	2.688	10.3	20.5
2 1	9 18.76	− 2 21.5	1.763	2.707	7.4	20.3
2 11	9 10.14	− 1 8.7	1.767	2.727	6.0	20.3
2 21	9 2.08	+ 0 17.5	1.799	2.746	7.4	20.4
3 2	8 55.50	+ 1 49.3	1.859	2.764	10.2	20.6
3 12	8 51.05	+ 3 19.1	1.943	2.783	13.1	20.8

259111 2002 WF_{19} 2 5.8 98°.39 1°.0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.44	+10 55.9	1.794	2.600	15.0	21.4
1 12	9 35.41	+11 18.5	1.723	2.612	11.4	21.2
1 22	9 28.08	+11 54.5	1.676	2.624	7.2	20.9
2 1	9 19.16	+12 40.1	1.655	2.635	2.8	20.7
2 11	9 9.72	+13 29.8	1.664	2.647	2.3	20.7
2 21	9 0.89	+14 17.9	1.701	2.658	6.7	21.0
3 2	8 53.70	+14 59.7	1.764	2.669	10.7	21.2
3 12	8 48.86	+15 32.1	1.852	2.680	14.2	21.5

318302 2004 TA_{87} 2 5.8 63°.07 0°.3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.13	+14 46.9	1.883	2.700	13.9	21.2
1 12	9 34.42	+15 13.4	1.809	2.705	10.5	21.0
1 22	9 27.47	+15 49.7	1.758	2.711	6.5	20.8
2 1	9 18.96	+16 31.4	1.734	2.716	2.1	20.5
2 11	9 9.92	+17 13.0	1.739	2.721	2.4	20.5
2 21	9 1.42	+17 49.7	1.773	2.727	6.7	20.8
3 2	8 54.47	+18 17.7	1.833	2.732	10.7	21.1
3 12	8 49.78	+18 35.2	1.916	2.738	14.0	21.3

375410 2008 SA_{274} 2 5.8 29°.56 1°.3/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.21	+17 20.6	1.963	2.785	13.3	21.2
1 12	9 33.70	+17 56.5	1.887	2.787	9.9	20.9
1 22	9 27.01	+18 40.2	1.836	2.790	6.1	20.7
2 1	9 18.82	+19 26.7	1.811	2.793	2.1	20.5
2 11	9 10.08	+20 10.2	1.816	2.796	2.9	20.5
2 21	9 1.85	+20 46.0	1.850	2.800	6.9	20.8
3 2	8 55.10	+21 10.9	1.910	2.803	10.7	21.0
3 12	8 50.54	+21 23.6	1.993	2.807	13.8	21.2

172012 2001 UK_{101} 2 5.8 164°.94 4°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.10	+28 10.0	2.490	3.311	10.8	20.7
1 12	9 34.80	+29 0.7	2.417	3.313	8.2	20.5
1 22	9 27.55	+29 50.2	2.370	3.314	5.7	20.3
2 1	9 18.97	+30 32.8	2.352	3.316	4.2	20.2
2 11	9 9.94	+31 3.6	2.364	3.317	5.2	20.3
2 21	9 1.37	+31 19.6	2.404	3.319	7.6	20.5
3 2	8 54.13	+31 19.8	2.471	3.320	10.3	20.6
3 12	8 48.85	+31 5.5	2.561	3.321	12.6	20.8

428875 2008 UB_{229} 2 5.8 120°.35 5°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.63	+30 21.2	2.366	3.187	11.3	21.5
1 12	9 36.01	+31 25.6	2.305	3.198	8.7	21.3
1 22	9 28.32	+32 27.1	2.271	3.209	6.3	21.2
2 1	9 19.22	+33 19.1	2.264	3.220	5.1	21.1
2 11	9 9.69	+33 56.0	2.287	3.231	6.1	21.2
2 21	9 0.73	+34 14.8	2.339	3.241	8.4	21.4
3 2	8 53.26	+34 15.3	2.416	3.251	10.9	21.6
3 12	8 47.91	+33 59.3	2.515	3.260	13.2	21.7

514652 2005 SC_{71} 2 5.8 190°.84 13°.9/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.98	−26 14.7	2.078	2.641	19.8	23.0
1 12	9 39.75	−27 1.9	1.984	2.640	18.4	22.8
1 22	9 30.94	−27 16.0	1.903	2.638	16.8	22.7
2 1	9 20.19	−26 50.1	1.841	2.634	15.2	22.6
2 11	9 8.56	−25 41.1	1.800	2.629	14.1	22.5
2 21	8 57.29	−23 51.1	1.782	2.622	13.9	22.4
3 2	8 47.59	−21 27.6	1.790	2.613	14.7	22.5
3 12	8 40.37	−18 42.6	1.821	2.602	16.2	22.6

500572 2012 UX_{77} 2 5.8 132°.39 1°.1/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.06	+10 8.1	2.836	3.622	10.6	22.1
1 12	9 32.12	+10 22.4	2.756	3.633	8.1	22.0
1 22	9 25.72	+10 45.5	2.702	3.644	5.2	21.8
2 1	9 18.34	+11 15.1	2.677	3.655	2.2	21.6
2 11	9 10.63	+11 48.3	2.683	3.665	1.8	21.6
2 21	9 3.28	+12 22.0	2.720	3.676	4.6	21.8
3 2	8 56.91	+12 53.3	2.786	3.685	7.5	22.0
3 12	8 52.03	+13 19.9	2.878	3.695	10.0	22.2

267186 2000 QH_{145} 2 5.8 124°.71 4°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.85	+26 26.9	2.196	3.015	12.1	21.0
1 12	9 37.68	+27 14.1	2.133	3.028	9.2	20.9
1 22	9 29.34	+28 0.5	2.095	3.042	6.1	20.7
2 1	9 19.55	+28 40.1	2.086	3.055	4.0	20.6
2 11	9 9.36	+29 7.5	2.106	3.067	5.1	20.7
2 21	8 59.81	+29 19.6	2.156	3.079	7.9	20.9
3 2	8 51.87	+29 15.8	2.233	3.091	10.8	21.1
3 12	8 46.18	+28 57.7	2.332	3.102	13.4	21.3

132809 2002 QO_{30} 2 5.8 159°.55 1°.1/ 4.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.90	+17 41.6	2.356	3.168	11.6	20.3
1 12	9 33.87	+18 14.3	2.276	3.171	8.7	20.1
1 22	9 26.98	+18 53.0	2.221	3.174	5.3	19.9
2 1	9 18.79	+19 33.5	2.195	3.177	1.9	19.6
2 11	9 10.14	+20 11.2	2.200	3.179	2.6	19.7
2 21	9 1.91	+20 42.3	2.234	3.181	6.1	19.9
3 2	8 54.93	+21 4.2	2.296	3.183	9.4	20.1
3 12	8 49.84	+21 15.7	2.382	3.185	12.2	20.3

281899 2011 CW_{9} 2 5.8 76°.52 0°.3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.62	+15 18.4	1.857	2.673	14.1	21.4
1 12	9 35.52	+15 36.2	1.786	2.682	10.6	21.2
1 22	9 28.14	+16 2.7	1.737	2.690	6.6	20.9
2 1	9 19.19	+16 33.9	1.716	2.698	2.1	20.7
2 11	9 9.73	+17 4.6	1.724	2.707	2.4	20.7
2 21	9 0.88	+17 30.5	1.761	2.715	6.8	21.0
3 2	8 53.65	+17 48.4	1.824	2.724	10.7	21.3
3 12	8 48.75	+17 56.8	1.911	2.732	14.1	21.5

368605 2004 RA_{212} 2 5.8 175°.29 3°.7/ 8.5 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.75	+ 3 52.2	2.372	3.134	13.1	20.9
1 12	9 35.19	+ 3 30.3	2.282	3.136	10.4	20.7
1 22	9 27.77	+ 3 21.5	2.216	3.138	7.5	20.6
2 1	9 19.06	+ 3 25.5	2.178	3.139	4.7	20.4
2 11	9 9.85	+ 3 40.4	2.169	3.140	3.9	20.3
2 21	9 1.01	+ 4 3.5	2.190	3.140	6.0	20.5
3 2	8 53.36	+ 4 31.2	2.240	3.140	9.0	20.6
3 12	8 47.55	+ 4 59.5	2.315	3.139	11.8	20.8

372034 2008 RR_{22} 2 5.8 143°.22 3°.1/ 8.7 18

1 2	9 37.34	+ 3 6.8	2.411	3.176	12.8	21.6
1 12	9 32.60	+ 3 27.6	2.328	3.185	10.2	21.4
1 22	9 26.15	+ 4 4.0	2.268	3.194	7.1	21.2
2 1	9 18.51	+ 4 54.3	2.236	3.202	4.2	21.1
2 11	9 10.44	+ 5 54.9	2.234	3.209	3.2	21.0
2 21	9 2.75	+ 7 0.9	2.262	3.216	5.5	21.2
3 2	8 56.18	+ 8 7.4	2.318	3.223	8.5	21.4
3 12	8 51.32	+ 9 9.7	2.401	3.229	11.3	21.5

265768 2005 WS_{31} 2 5.8 42°.36 0°.1/ 5.7 18

1 2	9 39.63	+14 42.4	1.820	2.638	14.3	20.8
1 12	9 34.89	+15 3.1	1.744	2.640	10.8	20.6
1 22	9 27.81	+15 33.6	1.690	2.643	6.7	20.4
2 1	9 19.10	+16 9.9	1.664	2.646	2.2	20.1
2 11	9 9.81	+16 46.6	1.666	2.649	2.4	20.1
2 21	9 1.07	+17 18.8	1.697	2.652	6.9	20.4
3 2	8 53.93	+17 42.9	1.754	2.655	11.0	20.6
3 12	8 49.14	+17 56.8	1.834	2.658	14.4	20.9

205282 2000 SU_{140} 2 5.8 63°.21 2°.9/ 4.4 18

1 2	9 45.36	+21 24.1	1.419	2.254	16.7	19.6
1 12	9 39.70	+21 49.3	1.359	2.265	12.5	19.4
1 22	9 30.97	+22 19.1	1.320	2.276	7.8	19.1
2 1	9 20.16	+22 46.1	1.307	2.287	3.4	18.9
2 11	9 8.77	+23 3.6	1.322	2.299	4.6	19.0
2 21	8 58.37	+23 7.2	1.363	2.310	9.1	19.3
3 2	8 50.31	+22 55.8	1.428	2.322	13.5	19.6
3 12	8 45.38	+22 30.8	1.515	2.334	17.2	19.9

242489 2004 VX_{25} 2 5.8 81°.71 2°.0/ 4.7 18

1 2	9 43.46	+18 8.1	1.484	2.314	16.3	20.7
1 12	9 38.12	+18 51.1	1.425	2.329	12.2	20.4
1 22	9 29.94	+19 43.0	1.388	2.344	7.5	20.2
2 1	9 19.82	+20 36.4	1.377	2.358	2.8	20.0
2 11	9 9.13	+21 23.4	1.394	2.373	3.9	20.1
2 21	8 59.33	+21 58.0	1.438	2.388	8.6	20.4
3 2	8 51.66	+22 17.4	1.507	2.402	12.9	20.7
3 12	8 46.90	+22 21.4	1.598	2.416	16.5	20.9

133276 2003 SV_{14} 2 5.8 180°.70 2°.4/ 7.7 18

1 2	9 40.15	+ 6 13.0	1.946	2.732	14.7	20.9
1 12	9 35.17	+ 6 38.4	1.859	2.733	11.5	20.6
1 22	9 27.97	+ 7 21.0	1.796	2.733	7.8	20.4
2 1	9 19.18	+ 8 18.2	1.760	2.734	3.9	20.2
2 11	9 9.74	+ 9 25.0	1.753	2.733	2.9	20.1
2 21	9 0.73	+10 35.2	1.775	2.732	6.4	20.3
3 2	8 53.14	+11 42.7	1.825	2.731	10.3	20.5
3 12	8 47.75	+12 42.5	1.899	2.729	13.8	20.8

241065 2006 SL_{217} 2 5.8 151°.39 2°.6/ 8.4 18

1 2	9 35.22	+ 4 18.9	2.624	3.394	11.8	20.6
1 12	9 30.93	+ 4 39.3	2.536	3.398	9.3	20.4
1 22	9 25.09	+ 5 13.4	2.472	3.401	6.4	20.2
2 1	9 18.17	+ 5 59.4	2.436	3.404	3.7	20.0
2 11	9 10.85	+ 6 54.3	2.430	3.407	2.8	20.0
2 21	9 3.84	+ 7 53.7	2.454	3.410	5.0	20.1
3 2	8 57.81	+ 8 53.3	2.508	3.413	7.9	20.3
3 12	8 53.32	+ 9 49.2	2.587	3.415	10.6	20.5

25236 1998 UT_{6} 2 5.8 89°.35 0°.8/ 5.2 18

1 2	9 39.24	+16 31.5	2.130	2.944	12.6	19.1
1 12	9 34.24	+17 1.5	2.060	2.956	9.4	18.9
1 22	9 27.24	+17 38.6	2.014	2.967	5.8	18.7
2 1	9 18.90	+18 18.6	1.996	2.978	1.9	18.5
2 11	9 10.14	+18 56.4	2.008	2.989	2.5	18.6
2 21	9 1.90	+19 28.1	2.050	3.000	6.3	18.8
3 2	8 55.07	+19 50.7	2.118	3.011	9.8	19.1
3 12	8 50.27	+20 3.0	2.211	3.022	12.7	19.3

8956 1998 FN_{119} 2 5.8 18°.87 6°.8/ 9.3 18

1 2	9 35.62	+ 2 47.1	1.008	1.836	22.5	16.9
1 12	9 33.04	+ 2 2.1	0.956	1.846	18.1	16.7
1 22	9 27.17	+ 1 45.8	0.921	1.858	13.2	16.4
2 1	9 18.99	+ 1 59.4	0.906	1.871	8.6	16.2
2 11	9 10.11	+ 2 38.8	0.912	1.886	6.9	16.2
2 21	9 2.22	+ 3 35.8	0.942	1.903	9.9	16.4
3 2	8 56.77	+ 4 39.8	0.993	1.922	14.4	16.7
3 12	8 54.63	+ 5 40.9	1.063	1.942	18.6	17.0

468847 2012 WT_{5} 2 5.8 181°.03 1°.7/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.52	+ 7 37.1	3.192	3.964	9.8	22.5
1 12	9 31.64	+ 7 46.3	3.099	3.965	7.6	22.3
1 22	9 25.42	+ 8 4.5	3.031	3.965	5.1	22.1
2 1	9 18.29	+ 8 30.2	2.992	3.965	2.6	22.0
2 11	9 10.82	+ 9 1.2	2.985	3.965	2.0	21.9
2 21	9 3.59	+ 9 34.7	3.009	3.963	4.3	22.1
3 2	8 57.20	+10 7.9	3.063	3.962	6.9	22.2
3 12	8 52.11	+10 38.3	3.143	3.960	9.2	22.4

158519 2002 EL_{154} 2 5.8 301°.73 1°.6/ 6.9 17

1 2	9 37.83	+10 8.4	1.827	2.635	14.7	20.5
1 12	9 33.70	+10 18.2	1.733	2.621	11.4	20.3
1 22	9 27.23	+10 42.0	1.661	2.608	7.4	20.0
2 1	9 19.01	+11 17.3	1.616	2.594	3.2	19.7
2 11	9 10.02	+11 59.6	1.598	2.581	2.5	19.7
2 21	9 1.38	+12 43.7	1.609	2.568	6.8	19.9
3 2	8 54.19	+13 24.4	1.646	2.555	11.1	20.1
3 12	8 49.30	+13 57.7	1.707	2.543	14.8	20.3

209462 2004 GV_{40} 2 5.8 275°.84 0°.7/ 5.3 17

1 2	9 37.37	+16 19.5	2.381	3.192	11.6	21.1
1 12	9 32.84	+16 45.5	2.287	3.181	8.7	20.9
1 22	9 26.43	+17 18.6	2.218	3.170	5.4	20.7
2 1	9 18.69	+17 55.2	2.177	3.159	1.8	20.4
2 11	9 10.39	+18 31.1	2.166	3.148	2.3	20.4
2 21	9 2.41	+19 2.2	2.185	3.136	5.9	20.6
3 2	8 55.58	+19 25.7	2.232	3.125	9.3	20.8
3 12	8 50.56	+19 39.9	2.303	3.114	12.3	21.0

519555 2012 QT_{53} 2 5.8 131°.70 2°.3/ 4.1 18

1 2	9 41.16	+22 36.1	2.387	3.203	11.4	21.7
1 12	9 35.54	+22 59.5	2.312	3.209	8.5	21.5
1 22	9 28.00	+23 24.6	2.262	3.214	5.3	21.3
2 1	9 19.18	+23 47.0	2.241	3.219	2.6	21.2
2 11	9 9.94	+24 2.6	2.250	3.224	3.5	21.2
2 21	9 1.21	+24 8.6	2.289	3.228	6.5	21.4
3 2	8 53.83	+24 3.8	2.356	3.233	9.6	21.6
3 12	8 48.41	+23 48.7	2.446	3.237	12.3	21.8

321222 2008 YF_{147} 2 5.8 291°.37 2°.0/ 4.2 18

1 2	9 37.89	+19 38.2	2.168	2.990	12.2	20.6
1 12	9 33.41	+20 20.6	2.083	2.984	9.1	20.4
1 22	9 26.86	+21 8.9	2.023	2.977	5.6	20.2
2 1	9 18.85	+21 58.0	1.991	2.971	2.4	19.9
2 11	9 10.25	+22 42.4	1.988	2.964	3.4	20.0
2 21	9 2.04	+23 17.6	2.014	2.958	6.9	20.2
3 2	8 55.16	+23 40.7	2.067	2.951	10.4	20.4
3 12	8 50.31	+23 50.7	2.143	2.945	13.4	20.6

317042 2001 RJ_{91} 2 5.8 151°.72 2°.2/ 3.7 18

1 2	9 39.48	+22 59.8	3.017	3.826	9.4	21.6
1 12	9 33.94	+23 35.8	2.942	3.836	7.0	21.5
1 22	9 26.87	+24 13.2	2.895	3.844	4.4	21.3
2 1	9 18.78	+24 47.9	2.877	3.853	2.4	21.2
2 11	9 10.36	+25 16.5	2.891	3.861	3.1	21.3
2 21	9 2.33	+25 36.4	2.936	3.868	5.6	21.4
3 2	8 55.33	+25 46.1	3.009	3.875	8.1	21.6
3 12	8 49.89	+25 45.7	3.107	3.881	10.3	21.8

378949 2008 UM_{177} 2 5.8 166°.80 5°.7/11.0 16

1 2	9 37.43	− 4 46.6	2.606	3.324	13.1	22.6
1 12	9 32.61	− 5 3.8	2.516	3.328	11.0	22.4
1 22	9 26.16	− 5 3.5	2.447	3.332	8.7	22.2
2 1	9 18.58	− 4 45.2	2.405	3.335	6.6	22.1
2 11	9 10.55	− 4 10.1	2.391	3.337	5.7	22.1
2 21	9 2.83	− 3 21.3	2.406	3.340	6.6	22.1
3 2	8 56.14	− 2 23.4	2.449	3.341	8.7	22.3
3 12	8 51.04	− 1 21.5	2.518	3.343	11.0	22.4

448434 2009 WA_{72} 2 5.9 147°.29 5°.0/ 2.8 18

1 2	9 44.46	+23 30.3	1.390	2.230	16.7	21.3
1 12	9 39.41	+24 49.7	1.325	2.233	12.6	21.1
1 22	9 31.08	+26 15.1	1.283	2.236	8.2	20.9
2 1	9 20.34	+27 35.5	1.265	2.239	5.1	20.7
2 11	9 8.71	+28 39.9	1.275	2.241	6.8	20.8
2 21	8 57.91	+29 21.0	1.311	2.244	11.0	21.0
3 2	8 49.47	+29 36.6	1.370	2.245	15.2	21.3
3 12	8 44.36	+29 29.1	1.448	2.247	18.9	21.5

427871 2005 RM_{27} 2 5.9 144°.32 3°.6/ 3.2 18

1 2	9 45.85	+26 35.6	2.419	3.230	11.4	21.6
1 12	9 39.00	+27 10.2	2.351	3.243	8.6	21.4
1 22	9 30.11	+27 43.4	2.309	3.254	5.7	21.2
2 1	9 19.87	+28 10.0	2.296	3.265	3.7	21.1
2 11	9 9.26	+28 25.5	2.314	3.276	4.6	21.2
2 21	8 59.26	+28 27.4	2.362	3.286	7.3	21.4
3 2	8 50.78	+28 15.4	2.437	3.295	10.1	21.6
3 12	8 44.43	+27 51.1	2.537	3.303	12.6	21.8

519357 2011 KJ_{49} 2 5.9 291°.92 4°.9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.74	+28 34.3	2.124	2.951	12.2	21.5
1 12	9 35.66	+29 32.8	2.052	2.950	9.3	21.3
1 22	9 28.29	+30 30.2	2.004	2.949	6.5	21.2
2 1	9 19.33	+31 19.5	1.985	2.947	5.0	21.1
2 11	9 9.79	+31 54.5	1.994	2.946	6.1	21.1
2 21	9 0.79	+32 11.6	2.031	2.945	8.8	21.3
3 2	8 53.35	+32 9.8	2.093	2.944	11.7	21.5
3 12	8 48.21	+31 50.9	2.177	2.943	14.4	21.6

31951 Alexisallen 2 5.9 185°.04 0°.8/ 5.3 18

1 2	9 42.83	+15 2.2	1.927	2.736	14.0	19.6
1 12	9 37.29	+15 48.9	1.843	2.736	10.5	19.4
1 22	9 29.37	+16 46.5	1.784	2.736	6.5	19.1
2 1	9 19.71	+17 49.6	1.753	2.735	2.1	18.9
2 11	9 9.36	+18 51.5	1.752	2.734	2.8	18.9
2 21	8 59.48	+19 46.2	1.781	2.731	7.1	19.2
3 2	8 51.16	+20 29.3	1.837	2.728	11.1	19.4
3 12	8 45.21	+20 59.0	1.916	2.724	14.6	19.6

272718 2005 YG_{46} 2 5.9 5°.04 0°.8/ 6.4 18

1 2	9 36.32	+11 57.2	1.472	2.301	16.5	20.2
1 12	9 32.90	+12 15.2	1.400	2.301	12.6	20.0
1 22	9 26.84	+12 48.3	1.349	2.301	8.0	19.7
2 1	9 18.89	+13 32.5	1.322	2.303	3.0	19.4
2 11	9 10.25	+14 21.5	1.322	2.306	2.6	19.4
2 21	9 2.23	+15 8.5	1.349	2.310	7.6	19.7
3 2	8 56.04	+15 48.0	1.400	2.314	12.2	20.0
3 12	8 52.51	+16 16.2	1.473	2.320	16.2	20.2

210344 2007 TV_{428} 2 5.9 272°.54 0°.5/ 5.6 18

1 2	9 41.31	+15 9.7	1.657	2.478	15.3	21.2
1 12	9 36.64	+15 34.8	1.564	2.463	11.7	20.9
1 22	9 29.23	+16 11.5	1.495	2.448	7.3	20.6
2 1	9 19.74	+16 55.2	1.451	2.433	2.4	20.3
2 11	9 9.30	+17 39.4	1.436	2.418	2.9	20.3
2 21	8 59.27	+18 18.0	1.448	2.403	7.9	20.6
3 2	8 50.95	+18 46.4	1.486	2.387	12.6	20.8
3 12	8 45.33	+19 2.3	1.546	2.372	16.6	21.0

157130 2004 NZ_{24} 2 5.9 181°.31 4°.0/ 2.8 18

1 2	9 44.50	+27 56.4	2.458	3.271	11.2	20.3
1 12	9 38.11	+28 34.9	2.381	3.272	8.5	20.1
1 22	9 29.63	+29 11.8	2.329	3.273	5.8	20.0
2 1	9 19.75	+29 41.4	2.307	3.273	4.0	19.9
2 11	9 9.38	+29 59.1	2.315	3.272	5.0	19.9
2 21	8 59.54	+30 2.1	2.353	3.271	7.6	20.1
3 2	8 51.13	+29 50.1	2.418	3.269	10.3	20.2
3 12	8 44.83	+29 24.6	2.506	3.267	12.8	20.4

94925 2001 YB_{65} 2 5.9 101°.60 1°.0/ 6.4 18

1 2	9 44.03	+12 11.3	1.561	2.373	16.5	19.5
1 12	9 38.42	+12 19.8	1.494	2.386	12.6	19.3
1 22	9 30.10	+12 41.3	1.450	2.399	8.0	19.1
2 1	9 19.94	+13 11.9	1.431	2.412	3.0	18.8
2 11	9 9.20	+13 46.2	1.441	2.424	2.6	18.8
2 21	8 59.24	+14 18.5	1.478	2.436	7.4	19.1
3 2	8 51.26	+14 44.6	1.542	2.448	11.9	19.4
3 12	8 46.04	+15 1.8	1.628	2.459	15.6	19.7

307699 2003 UP_{53} 2 5.9 203°.07 19°.1/16.0 18

1 2	9 43.35	−20 4.1	1.260	1.939	26.3	20.3
1 12	9 39.01	−22 28.2	1.191	1.938	24.3	20.1
1 22	9 31.15	−24 15.7	1.136	1.937	22.2	20.0
2 1	9 20.48	−25 14.2	1.095	1.936	20.3	19.8
2 11	9 8.46	−25 15.6	1.072	1.934	19.2	19.8
2 21	8 56.89	−24 20.0	1.067	1.932	19.2	19.7
3 2	8 47.59	−22 35.8	1.081	1.930	20.3	19.8
3 12	8 41.86	−20 18.8	1.111	1.928	22.3	19.9

323137 2003 BM_{80} 2 5.9 288°.96 1°.5/ 4.2 14 C

1 2	9 34.40	+20 56.3	3.367	4.179	8.5	21.6
1 12	9 30.15	+21 21.8	3.267	4.163	6.3	21.5
1 22	9 24.56	+21 49.8	3.195	4.147	3.9	21.3
2 1	9 18.05	+22 17.5	3.152	4.131	1.7	21.1
2 11	9 11.16	+22 41.8	3.140	4.115	2.4	21.1
2 21	9 4.49	+23 0.4	3.158	4.099	4.9	21.3
3 2	8 58.61	+23 11.6	3.205	4.083	7.3	21.4
3 12	8 54.00	+23 14.6	3.278	4.066	9.5	21.6

3015 Candy 2 5.9 139°.85 5°.7/30.6 18 A

1 2	9 41.32	+37 26.2	3.042	3.848	9.4	17.1
1 12	9 35.52	+38 25.5	2.984	3.857	7.7	17.0
1 22	9 27.93	+39 18.1	2.952	3.865	6.2	16.9
2 1	9 19.16	+39 58.6	2.949	3.874	5.7	16.8
2 11	9 10.03	+40 23.0	2.974	3.882	6.5	16.9
2 21	9 1.37	+40 29.6	3.027	3.889	8.1	17.0
3 2	8 53.96	+40 18.7	3.106	3.896	9.9	17.2
3 12	8 48.39	+39 52.4	3.207	3.903	11.5	17.3

76808 2000 QW_{34} 2 5.9 136°.29 6°.1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.17	− 7 21.8	1.140	1.910	23.9	18.9
1 12	9 35.87	− 5 46.1	1.059	1.911	19.8	18.6
1 22	9 29.17	− 3 15.2	0.994	1.912	14.8	18.3
2 1	9 19.81	+ 0 10.0	0.952	1.913	9.3	18.0
2 11	9 9.23	+ 4 16.2	0.937	1.914	6.1	17.8
2 21	8 59.20	+ 8 38.7	0.951	1.914	9.5	18.0
3 2	8 51.45	+12 50.4	0.992	1.915	15.1	18.3
3 12	8 47.20	+16 30.3	1.057	1.916	20.3	18.6

369346 2009 SO_{337} 2 5.9 128°.50 5°.7/10.8 18

1 2	9 39.03	− 3 54.1	2.372	3.098	14.0	22.1
1 12	9 33.88	− 4 8.6	2.293	3.113	11.7	22.0
1 22	9 26.97	− 4 4.5	2.236	3.127	9.1	21.8
2 1	9 18.87	− 3 41.3	2.205	3.140	6.7	21.7
2 11	9 10.35	− 3 1.0	2.202	3.153	5.7	21.7
2 21	9 2.25	− 2 7.4	2.228	3.166	6.8	21.7
3 2	8 55.33	− 1 5.5	2.282	3.178	9.0	21.9
3 12	8 50.19	− 0 1.2	2.362	3.189	11.5	22.1

459734 2013 QO_{2} 2 5.9 257°.17 0°.8/ 6.3 17

1 2	9 43.86	+13 53.8	1.948	2.751	14.1	21.1
1 12	9 38.11	+13 41.1	1.850	2.738	10.8	20.9
1 22	9 29.91	+13 36.3	1.777	2.725	6.9	20.6
2 1	9 19.93	+13 36.9	1.731	2.712	2.6	20.3
2 11	9 9.18	+13 39.7	1.715	2.698	2.3	20.3
2 21	8 58.83	+13 41.7	1.728	2.684	6.8	20.5
3 2	8 50.00	+13 40.3	1.769	2.669	10.9	20.8
3 12	8 43.55	+13 33.8	1.833	2.655	14.5	21.0

194082 2001 SK_{157} 2 5.9 114°.53 0°.9/ 5.4 18

1 2	9 46.80	+17 5.8	1.602	2.420	15.9	20.3
1 12	9 40.45	+17 21.3	1.537	2.434	12.0	20.1
1 22	9 31.34	+17 44.7	1.495	2.448	7.3	19.9
2 1	9 20.35	+18 10.6	1.479	2.461	2.4	19.6
2 11	9 8.83	+18 33.3	1.493	2.474	3.0	19.6
2 21	8 58.18	+18 48.2	1.534	2.487	7.8	20.0
3 2	8 49.59	+18 53.2	1.602	2.499	12.1	20.2
3 12	8 43.86	+18 47.6	1.693	2.510	15.7	20.5

459308 2012 GN_{29} 2 5.9 54°.01 3°.9/ 3.6 18

1 2	9 43.04	+23 53.7	1.596	2.431	15.2	20.8
1 12	9 37.73	+24 37.1	1.538	2.444	11.4	20.6
1 22	9 29.69	+25 22.5	1.504	2.457	7.3	20.4
2 1	9 19.81	+26 2.5	1.496	2.471	4.1	20.2
2 11	9 9.42	+26 29.8	1.515	2.485	5.3	20.3
2 21	8 59.92	+26 40.6	1.561	2.499	9.1	20.6
3 2	8 52.48	+26 33.9	1.632	2.513	12.9	20.8
3 12	8 47.85	+26 11.6	1.725	2.528	16.1	21.1

415467 2014 NX_{37} 2 5.9 208°.80 0°.3/ 6.1 17

1 2	9 42.60	+12 51.8	1.968	2.771	14.0	22.7
1 12	9 37.11	+13 15.5	1.877	2.765	10.6	22.4
1 22	9 29.28	+13 50.5	1.810	2.759	6.7	22.2
2 1	9 19.72	+14 33.2	1.771	2.752	2.3	21.9
2 11	9 9.44	+15 18.3	1.761	2.744	2.3	21.9
2 21	8 59.56	+16 0.7	1.781	2.736	6.7	22.1
3 2	8 51.16	+16 36.0	1.829	2.727	10.8	22.4
3 12	8 45.07	+17 1.8	1.900	2.717	14.3	22.6

200841 2001 XD_{256} 2 5.9 158°.72 11°.1/26.8 18

1 2	9 53.04	+44 40.9	1.943	2.741	14.3	20.4
1 12	9 45.90	+46 52.1	1.899	2.749	12.4	20.3
1 22	9 35.15	+48 48.5	1.880	2.757	11.3	20.3
2 1	9 21.74	+50 17.7	1.887	2.763	11.3	20.3
2 11	9 7.32	+51 10.9	1.919	2.769	12.5	20.4
2 21	8 53.84	+51 25.7	1.974	2.774	14.3	20.5
3 2	8 42.96	+51 5.8	2.050	2.778	16.2	20.7
3 12	8 35.74	+50 18.4	2.142	2.782	17.9	20.8

257139 2008 HB_{3} 2 5.9 147°.06 1°.5/ 4.7 18

1 2	9 40.71	+17 20.4	2.090	2.905	12.8	21.1
1 12	9 35.49	+18 12.4	2.016	2.912	9.6	20.9
1 22	9 28.13	+19 12.3	1.967	2.920	5.9	20.7
2 1	9 19.29	+20 14.5	1.946	2.927	2.2	20.4
2 11	9 9.93	+21 12.7	1.955	2.933	3.1	20.5
2 21	9 1.05	+22 1.9	1.993	2.939	6.8	20.7
3 2	8 53.62	+22 38.7	2.059	2.945	10.4	21.0
3 12	8 48.33	+23 1.9	2.149	2.950	13.4	21.2

224451 2005 VN_{15} 2 5.9 135°.34 3°.4/ 2.8 18

1 2	9 41.38	+23 18.3	2.286	3.105	11.7	20.8
1 12	9 35.87	+24 31.3	2.220	3.118	8.8	20.6
1 22	9 28.31	+25 47.1	2.181	3.131	5.6	20.4
2 1	9 19.35	+26 59.2	2.170	3.143	3.5	20.3
2 11	9 9.90	+28 1.1	2.190	3.154	4.6	20.4
2 21	9 0.95	+28 48.3	2.240	3.165	7.5	20.6
3 2	8 53.41	+29 18.8	2.317	3.175	10.5	20.8
3 12	8 47.94	+29 33.0	2.416	3.185	13.0	21.0

234839 2002 RQ_{150} 2 5.9 181°.72 0°.4/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.47	+16 28.7	2.429	3.234	11.6	20.6
1 12	9 35.02	+16 38.6	2.343	3.234	8.7	20.4
1 22	9 27.72	+16 54.1	2.284	3.234	5.4	20.2
2 1	9 19.14	+17 12.1	2.252	3.234	1.8	19.9
2 11	9 10.11	+17 29.1	2.252	3.234	2.1	20.0
2 21	9 1.50	+17 42.1	2.282	3.233	5.7	20.2
3 2	8 54.12	+17 49.0	2.340	3.232	9.0	20.4
3 12	8 48.59	+17 48.7	2.423	3.231	11.8	20.6

13531 Weizsäcker 2 5.9 111°.06 3°.4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.58	+ 3 10.8	2.355	3.123	13.0	18.2
1 12	9 32.12	+ 3 14.9	2.272	3.130	10.3	18.0
1 22	9 25.93	+ 3 34.1	2.212	3.136	7.4	17.8
2 1	9 18.55	+ 4 7.1	2.179	3.143	4.5	17.7
2 11	9 10.74	+ 4 51.2	2.176	3.149	3.5	17.6
2 21	9 3.30	+ 5 42.0	2.202	3.156	5.6	17.8
3 2	8 57.00	+ 6 35.1	2.256	3.162	8.6	18.0
3 12	8 52.42	+ 7 25.9	2.335	3.168	11.4	18.1

5107 Laurenbacall 2 5.9 40°.07 2°.9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.43	+ 4 38.8	2.145	2.927	13.6	16.9
1 12	9 31.44	+ 4 55.0	2.064	2.932	10.7	16.7
1 22	9 25.59	+ 5 27.2	2.006	2.938	7.4	16.5
2 1	9 18.45	+ 6 13.7	1.974	2.944	4.2	16.3
2 11	9 10.84	+ 7 10.4	1.972	2.950	3.1	16.2
2 21	9 3.64	+ 8 12.3	1.998	2.956	5.8	16.4
3 2	8 57.65	+ 9 14.1	2.053	2.962	9.1	16.6
3 12	8 53.52	+10 11.0	2.132	2.969	12.2	16.8

310283 2011 UV_{66} 2 5.9 202°.79 1°.7/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.49	+ 8 32.5	1.908	2.701	14.7	21.1
1 12	9 36.33	+ 8 58.3	1.817	2.697	11.4	20.9
1 22	9 28.82	+ 9 39.9	1.750	2.692	7.5	20.6
2 1	9 19.58	+10 34.2	1.709	2.687	3.3	20.3
2 11	9 9.61	+11 36.0	1.698	2.681	2.5	20.3
2 21	9 0.03	+12 39.2	1.717	2.674	6.6	20.5
3 2	8 51.92	+13 37.9	1.763	2.667	10.8	20.7
3 12	8 46.10	+14 27.9	1.833	2.659	14.4	21.0

170049 2002 VV_{54} 2 5.9 152°.01 0°.9/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.55	+12 8.7	2.513	3.306	11.6	20.5
1 12	9 34.22	+12 10.1	2.429	3.311	8.8	20.3
1 22	9 27.18	+12 19.4	2.370	3.315	5.6	20.1
2 1	9 18.95	+12 34.5	2.340	3.319	2.2	19.9
2 11	9 10.33	+12 52.5	2.341	3.323	1.8	19.9
2 21	9 2.09	+13 10.4	2.372	3.327	5.2	20.1
3 2	8 55.02	+13 25.6	2.432	3.331	8.4	20.3
3 12	8 49.67	+13 36.2	2.517	3.334	11.2	20.5

396578 2000 QG_{102} 2 5.9 95°.83 0°.3/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.29	+12 57.2	1.760	2.567	15.2	21.4
1 12	9 38.23	+13 54.3	1.706	2.597	11.4	21.2
1 22	9 29.80	+15 3.6	1.676	2.627	6.9	21.0
2 1	9 19.83	+16 18.7	1.674	2.656	2.2	20.8
2 11	9 9.48	+17 32.0	1.701	2.684	2.6	20.9
2 21	8 59.92	+18 37.0	1.759	2.711	7.0	21.2
3 2	8 52.18	+19 29.2	1.843	2.737	10.9	21.5
3 12	8 46.92	+20 7.0	1.951	2.763	14.2	21.8

340631 2006 QG_{128} 2 5.9 164°.61 3°.1/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.12	+ 4 6.1	2.688	3.451	11.7	21.5
1 12	9 32.34	+ 4 1.5	2.599	3.455	9.3	21.4
1 22	9 25.99	+ 4 9.1	2.534	3.457	6.6	21.2
2 1	9 18.57	+ 4 28.2	2.496	3.460	4.0	21.0
2 11	9 10.75	+ 4 56.4	2.489	3.462	3.2	21.0
2 21	9 3.24	+ 5 30.7	2.512	3.464	5.2	21.1
3 2	8 56.72	+ 6 7.8	2.564	3.466	7.9	21.3
3 12	8 51.74	+ 6 43.9	2.641	3.468	10.5	21.5

461823 2006 BD_{73} 2 5.9 145°.41 1°.7/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.92	+18 6.8	2.097	2.916	12.6	21.4
1 12	9 34.19	+18 58.6	2.020	2.919	9.4	21.2
1 22	9 27.36	+19 57.8	1.968	2.922	5.8	21.0
2 1	9 19.06	+20 59.0	1.944	2.925	2.3	20.7
2 11	9 10.22	+21 55.9	1.950	2.928	3.2	20.8
2 21	9 1.83	+22 43.5	1.986	2.930	6.9	21.0
3 2	8 54.83	+23 18.4	2.048	2.933	10.4	21.3
3 12	8 49.93	+23 39.4	2.133	2.935	13.5	21.5

288402 2004 DH_{13} 2 5.9 330°.22 5°.4/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.92	+30 34.3	1.808	2.635	14.0	19.3
1 12	9 40.00	+30 47.0	1.722	2.618	10.9	19.1
1 22	9 31.22	+30 54.4	1.659	2.603	7.7	18.8
2 1	9 20.39	+30 49.3	1.622	2.588	5.5	18.7
2 11	9 8.83	+30 26.4	1.614	2.573	6.5	18.7
2 21	8 57.98	+29 43.6	1.633	2.559	9.7	18.8
3 2	8 49.14	+28 42.4	1.677	2.546	13.3	19.0
3 12	8 43.17	+27 27.0	1.744	2.534	16.5	19.2

172009 2001 UM_{59} 2 5.9 180°.35 0°.9/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.38	+11 11.9	2.667	3.459	11.0	20.5
1 12	9 32.57	+11 26.4	2.579	3.460	8.4	20.3
1 22	9 26.16	+11 49.6	2.516	3.460	5.4	20.1
2 1	9 18.63	+12 19.3	2.481	3.460	2.2	19.9
2 11	9 10.69	+12 52.4	2.477	3.460	1.8	19.9
2 21	9 3.07	+13 25.3	2.504	3.459	4.9	20.1
3 2	8 56.47	+13 55.2	2.559	3.459	8.0	20.3
3 12	8 51.46	+14 19.7	2.640	3.458	10.7	20.5

36331 2000 MN_5 2 5.9 111°.47 0°.7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.28	+15 44.5	1.786	2.597	14.8	19.0
1 12	9 39.02	+16 15.8	1.724	2.618	11.1	18.8
1 22	9 30.33	+16 55.8	1.686	2.638	6.8	18.5
2 1	9 20.03	+17 39.4	1.676	2.658	2.2	18.3
2 11	9 9.29	+18 20.4	1.695	2.677	2.7	18.4
2 21	8 59.32	+18 53.9	1.744	2.695	7.1	18.7
3 2	8 51.18	+19 17.0	1.819	2.713	11.1	19.0
3 12	8 45.58	+19 28.6	1.918	2.730	14.4	19.2

418309 2008 FJ_{57} 2 5.9 151°.18 7°.9/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 46.47	+36 15.9	1.940	2.760	13.5	20.8
1 12	9 40.34	+37 30.5	1.879	2.763	10.9	20.7
1 22	9 31.37	+38 37.3	1.843	2.765	8.7	20.5
2 1	9 20.43	+39 26.8	1.833	2.768	7.9	20.5
2 11	9 8.85	+39 52.0	1.850	2.770	9.0	20.6
2 21	8 58.09	+39 50.0	1.894	2.773	11.3	20.7
3 2	8 49.39	+39 22.5	1.961	2.775	13.9	20.9
3 12	8 43.58	+38 33.9	2.048	2.777	16.3	21.1

329623 2003 QK_{94} 2 5.9 107°.15 2°.8/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.07	+23 14.2	2.492	3.305	11.1	21.7
1 12	9 36.08	+24 1.7	2.435	3.329	8.2	21.5
1 22	9 28.28	+24 50.5	2.403	3.353	5.2	21.4
2 1	9 19.32	+25 35.5	2.402	3.376	2.9	21.2
2 11	9 10.05	+26 11.9	2.431	3.399	3.8	21.3
2 21	9 1.35	+26 36.8	2.490	3.421	6.6	21.5
3 2	8 53.99	+26 48.8	2.577	3.442	9.3	21.8
3 12	8 48.55	+26 48.5	2.688	3.463	11.7	22.0

163514 2002 TN_6 2 5.9 53°.57 0°.6/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.29	+15 17.7	1.928	2.746	13.6	19.8
1 12	9 33.70	+15 54.2	1.866	2.763	10.1	19.6
1 22	9 27.01	+16 39.7	1.827	2.781	6.2	19.4
2 1	9 18.94	+17 29.4	1.817	2.799	2.0	19.2
2 11	9 10.45	+18 17.5	1.835	2.817	2.5	19.2
2 21	9 2.57	+18 59.2	1.882	2.835	6.5	19.5
3 2	8 56.21	+19 31.0	1.956	2.853	10.2	19.8
3 12	8 52.00	+19 51.2	2.053	2.871	13.3	20.0

37117 Narcissus 2 5.9 20°.96 4°.1/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 32.51	− 2 2.4	3.209	3.940	10.6	19.4
1 12	9 28.54	− 2 19.5	3.156	3.981	8.7	19.3
1 22	9 23.45	− 2 23.7	3.127	4.022	6.6	19.2
2 1	9 17.69	− 2 15.3	3.125	4.063	4.9	19.1
2 11	9 11.77	− 1 56.0	3.152	4.104	4.1	19.1
2 21	9 6.22	− 1 28.1	3.208	4.146	4.9	19.2
3 2	9 1.50	− 0 54.7	3.292	4.188	6.5	19.4
3 12	8 57.97	− 0 19.0	3.403	4.231	8.3	19.6

17922 1999 GS_{13} 2 5.9 275°.40 2°.3/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.77	+ 5 44.1	1.575	2.377	16.9	18.6
1 12	9 34.05	+ 6 31.7	1.484	2.368	13.2	18.3
1 22	9 27.68	+ 7 43.7	1.415	2.358	8.9	18.0
2 1	9 19.29	+ 9 16.5	1.372	2.348	4.2	17.7
2 11	9 9.97	+11 2.7	1.356	2.338	2.9	17.6
2 21	9 1.02	+12 52.3	1.368	2.328	7.5	17.9
3 2	8 53.71	+14 35.5	1.406	2.318	12.3	18.1
3 12	8 49.02	+16 4.9	1.467	2.308	16.5	18.3

337244 2000 PX_{26} 2 5.9 121°.01 6°.0/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.71	− 7 47.1	2.904	3.597	12.4	20.7
1 12	9 31.90	− 8 13.0	2.823	3.611	10.6	20.6
1 22	9 25.66	− 8 22.1	2.763	3.625	8.6	20.5
2 1	9 18.46	− 8 13.5	2.729	3.639	6.9	20.4
2 11	9 10.93	− 7 48.0	2.724	3.653	6.0	20.4
2 21	9 3.72	− 7 8.3	2.747	3.666	6.6	20.4
3 2	8 57.45	− 6 18.0	2.798	3.678	8.1	20.5
3 12	8 52.60	− 5 22.1	2.874	3.691	10.0	20.7

109893 2001 ST_{12} 2 5.9 41°.23 1°.1/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.14	+10 56.9	1.316	2.143	18.2	19.5
1 12	9 35.68	+11 21.2	1.271	2.170	13.8	19.3
1 22	9 28.45	+12 2.2	1.246	2.197	8.7	19.1
2 1	9 19.42	+12 54.6	1.245	2.226	3.3	18.8
2 11	9 10.01	+13 50.6	1.271	2.254	2.7	18.9
2 21	9 1.60	+14 42.9	1.323	2.284	7.7	19.3
3 2	8 55.34	+15 25.9	1.400	2.313	12.3	19.6
3 12	8 51.94	+15 56.5	1.498	2.344	16.0	19.9

258073 2001 PW_2 2 5.9 113°.09 2°.4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.03	+ 6 21.0	2.160	2.938	13.7	20.9
1 12	9 35.47	+ 6 35.4	2.090	2.959	10.6	20.7
1 22	9 28.00	+ 7 4.0	2.045	2.979	7.2	20.5
2 1	9 19.26	+ 7 44.4	2.027	2.999	3.7	20.4
2 11	9 10.13	+ 8 32.5	2.039	3.018	2.8	20.3
2 21	9 1.54	+ 9 23.6	2.081	3.037	5.8	20.6
3 2	8 54.33	+10 13.0	2.151	3.055	9.1	20.8
3 12	8 49.09	+10 56.9	2.247	3.072	12.1	21.0

327889 2007 BD_{38} 2 5.9 47°.98 2°.4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.28	+ 9 21.9	1.499	2.311	17.1	20.4
1 12	9 36.35	+ 9 12.5	1.440	2.329	13.2	20.2
1 22	9 28.83	+ 9 18.5	1.402	2.347	8.7	20.0
2 1	9 19.57	+ 9 37.4	1.389	2.366	4.1	19.8
2 11	9 9.84	+10 4.8	1.403	2.385	3.1	19.7
2 21	9 0.93	+10 35.1	1.445	2.405	7.3	20.0
3 2	8 53.96	+11 3.6	1.512	2.424	11.6	20.3
3 12	8 49.68	+11 26.3	1.601	2.444	15.2	20.6

401573 2013 FN_{17} 2 5.9 219°.25 0°.9/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.80	+16 17.1	2.017	2.827	13.4	21.8
1 12	9 37.29	+16 47.4	1.925	2.818	10.1	21.5
1 22	9 29.42	+17 26.3	1.857	2.809	6.3	21.3
2 1	9 19.83	+18 9.3	1.818	2.800	2.1	21.0
2 11	9 9.51	+18 50.8	1.808	2.789	2.7	21.0
2 21	8 59.58	+19 25.9	1.828	2.778	7.0	21.2
3 2	8 51.12	+19 51.2	1.876	2.767	10.9	21.5
3 12	8 44.95	+20 5.0	1.946	2.755	14.3	21.7

469168 2015 MZ_{24} 2 5.9 29°.27 3°.4/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.64	+ 3 26.9	2.560	3.327	12.1	21.3
1 12	9 31.33	+ 3 17.4	2.472	3.328	9.7	21.1
1 22	9 25.43	+ 3 21.0	2.407	3.330	6.9	20.9
2 1	9 18.43	+ 3 37.0	2.370	3.331	4.4	20.8
2 11	9 11.02	+ 4 3.3	2.362	3.333	3.5	20.7
2 21	9 3.92	+ 4 36.9	2.383	3.335	5.4	20.8
3 2	8 57.84	+ 5 14.1	2.432	3.337	8.1	21.0
3 12	8 53.33	+ 5 51.0	2.507	3.339	10.8	21.2

309447 2007 UU_{75} 2 5.9 6°.94 0°.3/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.15	+15 2.9	1.260	2.101	18.0	20.7
1 12	9 35.47	+15 18.1	1.193	2.101	13.6	20.4
1 22	9 28.67	+15 46.4	1.146	2.103	8.5	20.1
2 1	9 19.62	+16 22.6	1.122	2.105	2.8	19.8
2 11	9 9.77	+16 59.5	1.124	2.108	3.1	19.8
2 21	9 0.71	+17 30.2	1.152	2.112	8.8	20.1
3 2	8 53.88	+17 50.1	1.203	2.116	13.8	20.4
3 12	8 50.19	+17 57.0	1.274	2.122	18.1	20.7

453323 2008 WY_{40} 2 5.9 276°.46 4°.1/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.56	+ 5 27.8	1.516	2.315	17.6	21.5
1 12	9 36.21	+ 5 14.8	1.428	2.306	14.0	21.3
1 22	9 29.06	+ 5 21.3	1.360	2.296	9.8	21.0
2 1	9 19.78	+ 5 46.7	1.316	2.287	5.6	20.7
2 11	9 9.55	+ 6 27.5	1.299	2.277	4.4	20.6
2 21	8 59.75	+ 7 17.9	1.309	2.267	8.0	20.8
3 2	8 51.73	+ 8 11.1	1.344	2.258	12.6	21.1
3 12	8 46.49	+ 9 0.4	1.400	2.248	16.8	21.3

334623 2002 VZ_3 2 5.9 46°.00 0°.9/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.00	+12 29.9	1.966	2.774	13.8	20.1
1 12	9 34.21	+12 33.7	1.896	2.786	10.4	19.9
1 22	9 27.34	+12 47.4	1.849	2.798	6.6	19.7
2 1	9 19.07	+13 8.2	1.830	2.810	2.5	19.4
2 11	9 10.38	+13 32.2	1.839	2.822	2.1	19.4
2 21	9 2.26	+13 55.3	1.878	2.835	6.1	19.7
3 2	8 55.61	+14 14.4	1.943	2.848	9.8	20.0
3 12	8 51.08	+14 27.0	2.032	2.861	13.0	20.2

245028 2004 EM_{17} 2 5.9 259°.38 6°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.03	+39 23.0	2.766	3.569	10.4	20.6
1 12	9 38.04	+40 29.4	2.681	3.548	8.6	20.5
1 22	9 29.80	+41 28.9	2.622	3.527	7.3	20.4
2 1	9 19.95	+42 14.5	2.591	3.506	6.9	20.3
2 11	9 9.40	+42 40.7	2.587	3.484	7.9	20.3
2 21	8 59.24	+42 45.0	2.611	3.462	9.6	20.4
3 2	8 50.47	+42 27.5	2.660	3.440	11.6	20.5
3 12	8 43.88	+41 51.0	2.729	3.417	13.5	20.6

293145 2006 YP_1 2 5.9 352°.83 0°.5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.36	+14 10.8	1.566	2.390	16.0	20.1
1 12	9 35.88	+14 6.6	1.488	2.387	12.1	19.9
1 22	9 28.71	+14 12.9	1.431	2.384	7.7	19.6
2 1	9 19.62	+14 26.3	1.400	2.382	2.7	19.3
2 11	9 9.80	+14 42.2	1.397	2.380	2.6	19.3
2 21	9 0.60	+14 56.2	1.420	2.379	7.5	19.6
3 2	8 53.24	+15 4.6	1.469	2.379	12.1	19.8
3 12	8 48.57	+15 5.4	1.540	2.379	16.0	20.1

316774 1999 TG_{79} 2 5.9 150°.05 3°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.77	+26 25.4	2.430	3.246	11.2	21.2
1 12	9 36.82	+27 11.4	2.360	3.254	8.5	21.0
1 22	9 28.88	+27 57.1	2.316	3.262	5.6	20.8
2 1	9 19.60	+28 36.8	2.300	3.269	3.8	20.7
2 11	9 9.88	+29 5.5	2.316	3.276	4.7	20.8
2 21	9 0.69	+29 20.2	2.360	3.282	7.4	21.0
3 2	8 52.89	+29 20.2	2.432	3.288	10.1	21.2
3 12	8 47.13	+29 6.5	2.527	3.293	12.6	21.3

1627 Ivar 2 5.9 210°.02 0°.3/ 5.7 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 48.32	+12 28.0	1.786	2.583	15.4	17.0
1 12	9 41.87	+13 24.9	1.689	2.574	11.8	16.8
1 22	9 32.54	+14 38.0	1.615	2.563	7.4	16.6
2 1	9 20.97	+16 1.5	1.569	2.551	2.5	16.3
2 11	9 8.32	+17 27.2	1.554	2.536	2.8	16.3
2 21	8 55.97	+18 46.8	1.570	2.520	7.9	16.5
3 2	8 45.31	+19 53.7	1.614	2.502	12.5	16.6
3 12	8 37.39	+20 44.6	1.681	2.483	16.5	16.8

269454 2009 SC_{272} 2 5.9 352°.65 4°.8/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.85	+ 4 19.6	1.474	2.279	17.7	20.3
1 12	9 32.62	+ 3 56.8	1.394	2.273	14.2	20.0
1 22	9 26.77	+ 3 54.1	1.333	2.268	10.2	19.8
2 1	9 19.00	+ 4 11.9	1.297	2.264	6.2	19.5
2 11	9 10.45	+ 4 47.0	1.285	2.261	4.9	19.4
2 21	9 2.41	+ 5 33.8	1.300	2.259	8.0	19.6
3 2	8 56.10	+ 6 25.5	1.339	2.258	12.2	19.8
3 12	8 52.42	+ 7 15.2	1.399	2.258	16.1	20.1

256232 2006 VV_{151} 2 5.9 112°.25 0°.2/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.73	+12 11.0	1.918	2.724	14.2	21.1
1 12	9 35.59	+12 51.8	1.849	2.738	10.7	20.9
1 22	9 28.26	+13 45.0	1.803	2.753	6.7	20.7
2 1	9 19.43	+14 45.7	1.785	2.767	2.3	20.4
2 11	9 10.10	+15 47.9	1.797	2.780	2.2	20.4
2 21	9 1.36	+16 45.7	1.839	2.793	6.5	20.7
3 2	8 54.15	+17 34.4	1.907	2.806	10.3	21.0
3 12	8 49.17	+18 11.6	2.000	2.819	13.6	21.2

370708 2004 PQ_{75} 2 5.9 158°.05 3°.5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.54	+ 2 38.2	2.358	3.119	13.2	21.5
1 12	9 33.63	+ 2 43.7	2.271	3.125	10.5	21.3
1 22	9 26.92	+ 3 4.8	2.209	3.130	7.5	21.1
2 1	9 18.97	+ 3 40.4	2.173	3.135	4.6	21.0
2 11	9 10.56	+ 4 27.5	2.167	3.140	3.6	20.9
2 21	9 2.50	+ 5 21.7	2.191	3.144	5.8	21.0
3 2	8 55.61	+ 6 18.4	2.243	3.147	8.8	21.2
3 12	8 50.48	+ 7 12.8	2.321	3.150	11.6	21.4

60737 2000 GB_{87} 2 5.9 38°.12 3°.8/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.87	+ 3 17.7	1.528	2.324	17.6	18.5
1 12	9 33.20	+ 3 41.3	1.456	2.332	13.9	18.3
1 22	9 27.02	+ 4 28.8	1.405	2.340	9.7	18.0
2 1	9 19.06	+ 5 37.8	1.379	2.349	5.5	17.8
2 11	9 10.46	+ 7 2.0	1.379	2.358	4.0	17.7
2 21	9 2.46	+ 8 32.7	1.407	2.367	7.3	17.9
3 2	8 56.18	+10 1.2	1.460	2.377	11.6	18.2
3 12	8 52.43	+11 20.2	1.536	2.387	15.4	18.5

51035 2000 GO_{124} 2 5.9 346°.78 2°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.93	+19 5.3	2.002	2.829	12.8	18.4
1 12	9 32.89	+20 7.6	1.924	2.827	9.6	18.2
1 22	9 26.69	+21 17.7	1.870	2.825	5.9	18.0
2 1	9 18.94	+22 29.4	1.843	2.823	2.6	17.8
2 11	9 10.58	+23 35.7	1.846	2.821	3.8	17.8
2 21	9 2.65	+24 30.9	1.878	2.820	7.5	18.1
3 2	8 56.12	+25 11.2	1.936	2.819	11.0	18.3
3 12	8 51.74	+25 35.4	2.016	2.818	14.1	18.5

298944 2004 TL_{275} 2 5.9 27°.74 1°.1/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.68	+12 5.4	1.157	1.996	19.4	20.3
1 12	9 35.93	+12 12.6	1.099	2.005	14.8	20.0
1 22	9 28.95	+12 37.0	1.062	2.016	9.4	19.8
2 1	9 19.74	+13 14.0	1.047	2.028	3.5	19.5
2 11	9 9.84	+13 56.2	1.057	2.041	3.0	19.5
2 21	9 0.90	+14 36.0	1.092	2.054	8.7	19.8
3 2	8 54.34	+15 7.7	1.150	2.069	13.8	20.2
3 12	8 51.03	+15 27.5	1.228	2.084	18.1	20.5

238523 2004 TV_{169} 2 5.9 161°.98 1°.9/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.00	+18 14.3	1.892	2.708	13.9	20.9
1 12	9 38.22	+19 3.6	1.817	2.714	10.4	20.7
1 22	9 30.00	+20 0.8	1.767	2.720	6.4	20.5
2 1	9 20.05	+20 59.4	1.744	2.725	2.5	20.3
2 11	9 9.48	+21 52.8	1.751	2.729	3.5	20.3
2 21	8 59.47	+22 35.4	1.788	2.732	7.6	20.6
3 2	8 51.14	+23 4.1	1.851	2.735	11.4	20.8
3 12	8 45.26	+23 18.2	1.937	2.737	14.7	21.0

210235 2007 RC_{142} 2 5.9 63°.07 8°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 46.68	+39 22.6	2.093	2.905	12.9	19.8
1 12	9 40.15	+40 27.9	2.052	2.926	10.6	19.7
1 22	9 31.06	+41 21.8	2.036	2.947	8.7	19.6
2 1	9 20.33	+41 56.4	2.046	2.968	8.1	19.6
2 11	9 9.29	+42 6.4	2.083	2.989	9.0	19.7
2 21	8 59.22	+41 50.8	2.146	3.010	10.9	19.8
3 2	8 51.21	+41 12.2	2.233	3.031	13.0	20.0
3 12	8 45.90	+40 15.3	2.339	3.052	14.9	20.2

20871 2000 VJ_{48} 2 5.9 164°.68 0°.0/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.58	+13 49.9	2.081	2.881	13.4	19.9
1 12	9 37.65	+14 15.9	2.000	2.887	10.1	19.7
1 22	9 29.53	+14 51.5	1.944	2.893	6.3	19.4
2 1	9 19.88	+15 32.6	1.917	2.898	2.1	19.2
2 11	9 9.68	+16 14.3	1.919	2.902	2.2	19.2
2 21	8 59.97	+16 52.0	1.952	2.905	6.3	19.5
3 2	8 51.74	+17 22.1	2.014	2.908	10.1	19.7
3 12	8 45.70	+17 42.7	2.099	2.910	13.3	19.9

14376 1989 ST_{10} 2 5.9 188°.00 2°.6/ 8.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.36	+ 5 3.4	2.295	3.068	13.2	18.2
1 12	9 34.36	+ 5 23.7	2.203	3.067	10.4	18.0
1 22	9 27.46	+ 5 59.2	2.135	3.066	7.1	17.8
2 1	9 19.19	+ 6 48.2	2.094	3.064	3.9	17.6
2 11	9 10.37	+ 7 46.6	2.083	3.062	2.9	17.5
2 21	9 1.88	+ 8 49.7	2.103	3.059	5.7	17.7
3 2	8 54.57	+ 9 52.3	2.151	3.055	9.1	17.9
3 12	8 49.11	+10 49.9	2.225	3.051	12.2	18.1

99987 1981 EC_{31} 2 5.9 14°.49 6°.6/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 47.01	+31 15.3	1.529	2.363	15.7	19.1
1 12	9 41.10	+31 47.3	1.466	2.366	12.2	18.9
1 22	9 31.99	+32 13.4	1.426	2.369	8.7	18.7
2 1	9 20.72	+32 24.7	1.410	2.373	6.6	18.6
2 11	9 8.86	+32 14.5	1.422	2.377	7.7	18.7
2 21	8 58.06	+31 40.9	1.459	2.382	10.9	18.9
3 2	8 49.68	+30 46.1	1.520	2.387	14.5	19.1
3 12	8 44.55	+29 35.2	1.602	2.393	17.7	19.3

3918 Brel 2 5.9 112°.52 1°.9/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.27	+ 7 28.1	1.643	2.439	16.6	16.6
1 12	9 37.75	+ 8 4.9	1.578	2.459	12.8	16.4
1 22	9 29.71	+ 9 0.3	1.535	2.478	8.3	16.2
2 1	9 19.95	+10 9.8	1.519	2.496	3.7	15.9
2 11	9 9.65	+11 26.4	1.532	2.514	2.7	15.9
2 21	9 0.07	+12 42.4	1.573	2.531	7.0	16.2
3 2	8 52.31	+13 51.1	1.642	2.548	11.3	16.5
3 12	8 47.14	+14 48.1	1.733	2.563	14.9	16.8

223702 2004 RZ_{34} 2 5.9 142°.17 2°.6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.48	+21 40.0	2.207	3.025	12.1	20.9
1 12	9 36.02	+22 25.0	2.135	3.032	9.0	20.7
1 22	9 28.48	+23 13.5	2.088	3.040	5.7	20.5
2 1	9 19.52	+24 0.1	2.069	3.047	2.8	20.3
2 11	9 10.08	+24 39.3	2.081	3.054	3.8	20.4
2 21	9 1.16	+25 7.1	2.122	3.060	7.1	20.6
3 2	8 53.67	+25 21.6	2.191	3.066	10.3	20.8
3 12	8 48.28	+25 22.8	2.282	3.071	13.1	21.0

99595 2002 GW_{23} 2 5.9 359°.61 0°.3/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.12	+13 27.8	1.259	2.097	18.2	19.6
1 12	9 35.51	+13 41.1	1.188	2.095	13.9	19.3
1 22	9 28.77	+14 9.7	1.138	2.093	8.8	19.0
2 1	9 19.74	+14 48.8	1.111	2.093	3.0	18.6
2 11	9 9.84	+15 31.3	1.109	2.093	2.9	18.6
2 21	9 0.66	+16 9.9	1.133	2.094	8.7	19.0
3 2	8 53.69	+16 39.1	1.180	2.096	13.8	19.3
3 12	8 49.87	+16 55.6	1.248	2.099	18.2	19.5

425050 2009 QR_{23} 2 5.9 171°.80 0°.9/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.78	+11 9.2	2.379	3.170	12.2	22.7
1 12	9 35.32	+11 26.6	2.293	3.173	9.3	22.5
1 22	9 27.99	+11 54.1	2.232	3.177	6.0	22.3
2 1	9 19.37	+12 28.7	2.200	3.179	2.4	22.1
2 11	9 10.26	+13 6.8	2.198	3.181	1.9	22.1
2 21	9 1.54	+13 44.4	2.227	3.182	5.5	22.3
3 2	8 54.03	+14 17.9	2.285	3.183	8.9	22.5
3 12	8 48.36	+14 44.8	2.367	3.183	11.9	22.7

375492 2008 UV_{53} 2 5.9 14°.95 5°.0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.02	+ 0 41.1	2.027	2.792	14.9	20.4
1 12	9 32.79	+ 0 21.4	1.942	2.793	12.1	20.2
1 22	9 26.57	+ 0 19.6	1.879	2.795	9.0	20.0
2 1	9 18.92	+ 0 36.1	1.842	2.796	6.2	19.8
2 11	9 10.72	+ 1 8.6	1.832	2.798	5.1	19.8
2 21	9 2.92	+ 1 53.2	1.850	2.800	6.9	19.9
3 2	8 56.41	+ 2 44.6	1.895	2.802	9.9	20.1
3 12	8 51.90	+ 3 37.1	1.964	2.805	12.9	20.3

131897 2002 AL_{198} 2 5.9 49°.27 4°.2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.27	+ 4 53.3	1.299	2.108	19.5	19.8
1 12	9 36.04	+ 4 47.8	1.238	2.121	15.3	19.5
1 22	9 28.89	+ 5 5.6	1.197	2.136	10.6	19.3
2 1	9 19.73	+ 5 44.8	1.179	2.150	6.0	19.1
2 11	9 9.92	+ 6 39.8	1.187	2.165	4.5	19.0
2 21	9 0.96	+ 7 42.8	1.220	2.181	8.2	19.3
3 2	8 54.11	+ 8 45.4	1.278	2.196	12.7	19.6
3 12	8 50.23	+ 9 40.8	1.357	2.213	16.8	19.9

453393 2009 CA_{58} 2 5.9 60°.89 3°.6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.17	+ 5 14.4	1.364	2.167	19.0	20.9
1 12	9 37.16	+ 5 24.1	1.313	2.194	14.8	20.7
1 22	9 29.40	+ 5 56.0	1.283	2.222	10.0	20.5
2 1	9 19.84	+ 6 46.9	1.277	2.249	5.3	20.3
2 11	9 9.86	+ 7 50.1	1.297	2.277	3.9	20.3
2 21	9 0.83	+ 8 57.5	1.344	2.304	7.7	20.6
3 2	8 53.92	+10 1.4	1.417	2.332	12.0	20.9
3 12	8 49.84	+10 56.3	1.511	2.359	15.8	21.2

370805 2004 TQ_{204} 2 5.9 173°.38 2°.2/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.61	+20 38.3	2.248	3.065	12.0	21.3
1 12	9 35.38	+21 19.4	2.169	3.067	8.9	21.1
1 22	9 28.11	+22 5.0	2.115	3.068	5.6	20.9
2 1	9 19.43	+22 49.9	2.090	3.069	2.5	20.7
2 11	9 10.22	+23 28.8	2.095	3.070	3.5	20.8
2 21	9 1.46	+23 57.7	2.130	3.070	6.8	21.0
3 2	8 54.07	+24 14.4	2.191	3.071	10.1	21.2
3 12	8 48.71	+24 18.5	2.277	3.070	13.0	21.4

105365 2000 QY_{117} 2 5.9 224°.42 1°.0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.03	+19 15.6	2.826	3.629	10.2	19.9
1 12	9 35.31	+19 24.1	2.730	3.620	7.6	19.7
1 22	9 27.91	+19 35.6	2.660	3.611	4.7	19.5
2 1	9 19.34	+19 47.1	2.620	3.601	1.7	19.3
2 11	9 10.32	+19 55.6	2.612	3.591	2.2	19.3
2 21	9 1.62	+19 58.7	2.634	3.581	5.3	19.5
3 2	8 53.98	+19 55.0	2.686	3.570	8.3	19.7
3 12	8 47.98	+19 44.1	2.763	3.559	10.9	19.8

307648 2003 SE_{160} 2 5.9 85°.09 4°.0/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.22	+ 4 29.7	1.614	2.404	17.1	20.2
1 12	9 36.30	+ 4 22.8	1.545	2.417	13.5	20.0
1 22	9 28.87	+ 4 35.3	1.497	2.429	9.5	19.8
2 1	9 19.70	+ 5 5.9	1.474	2.442	5.5	19.6
2 11	9 9.97	+ 5 50.5	1.478	2.454	4.2	19.6
2 21	9 0.89	+ 6 42.9	1.510	2.467	7.3	19.8
3 2	8 53.58	+ 7 36.9	1.568	2.479	11.3	20.0
3 12	8 48.81	+ 8 26.6	1.648	2.491	14.9	20.3

462051 2007 EF_{16} 2 5.9 208°.42 0°.8/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.89	+11 23.6	1.997	2.802	13.7	21.9
1 12	9 34.30	+11 49.6	1.912	2.800	10.5	21.7
1 22	9 27.55	+12 28.0	1.851	2.799	6.7	21.5
2 1	9 19.27	+13 15.4	1.817	2.797	2.5	21.2
2 11	9 10.38	+14 6.8	1.812	2.795	2.1	21.2
2 21	9 1.91	+14 56.8	1.836	2.793	6.3	21.4
3 2	8 54.82	+15 40.8	1.887	2.791	10.2	21.7
3 12	8 49.85	+16 15.6	1.963	2.788	13.6	21.9

405154 2002 TN_{64} 2 5.9 122°.62 0°.8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.19	+11 46.1	2.183	2.976	13.1	22.7
1 12	9 37.12	+12 5.3	2.114	2.996	9.9	22.6
1 22	9 29.07	+12 34.4	2.070	3.016	6.3	22.4
2 1	9 19.72	+13 10.2	2.054	3.034	2.4	22.1
2 11	9 9.98	+13 48.3	2.069	3.052	2.0	22.1
2 21	9 0.81	+14 24.4	2.115	3.070	5.8	22.4
3 2	8 53.08	+14 55.4	2.189	3.086	9.3	22.7
3 12	8 47.39	+15 18.8	2.288	3.102	12.3	22.9

237741 2001 XU_{121} 2 5.9 161°.62 2°.4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.28	+22 21.5	2.796	3.610	10.0	21.3
1 12	9 33.29	+23 9.1	2.719	3.615	7.4	21.1
1 22	9 26.66	+23 59.2	2.668	3.619	4.7	20.9
2 1	9 18.92	+24 47.5	2.647	3.622	2.5	20.8
2 11	9 10.78	+25 29.4	2.656	3.626	3.4	20.8
2 21	9 2.99	+26 1.8	2.696	3.629	6.0	21.0
3 2	8 56.27	+26 22.7	2.764	3.632	8.7	21.2
3 12	8 51.17	+26 31.9	2.857	3.634	11.0	21.4

283983 2004 RC_{189} 2 5.9 72°.65 3°.9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 43.12	+ 5 9.7	1.432	2.230	18.5	20.5
1 12	9 37.84	+ 5 4.7	1.375	2.252	14.5	20.3
1 22	9 29.84	+ 5 20.5	1.339	2.275	10.0	20.1
2 1	9 20.02	+ 5 55.1	1.327	2.297	5.5	19.9
2 11	9 9.71	+ 6 43.3	1.341	2.320	4.2	19.8
2 21	9 0.28	+ 7 38.0	1.383	2.342	7.7	20.1
3 2	8 52.91	+ 8 32.3	1.451	2.364	11.9	20.4
3 12	8 48.35	+ 9 20.4	1.540	2.386	15.6	20.7

334897 2003 WP_{66} 2 5.9 148°.75 0°.2/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 39.57	+13 52.7	2.448	3.248	11.6	21.5
1 12	9 34.36	+14 10.7	2.368	3.255	8.8	21.3
1 22	9 27.37	+14 36.3	2.312	3.261	5.5	21.1
2 1	9 19.18	+15 6.7	2.286	3.267	1.9	20.9
2 11	9 10.56	+15 38.0	2.289	3.272	1.8	20.9
2 21	9 2.36	+16 6.6	2.324	3.277	5.4	21.1
3 2	8 55.34	+16 29.9	2.386	3.282	8.7	21.4
3 12	8 50.10	+16 46.0	2.474	3.287	11.5	21.6

341689 2007 VS_{122} 2 5.9 117°.03 2°.9/ 3.6 16

1 2	9 39.56	+22 57.2	2.244	3.066	11.8	21.4
1 12	9 34.63	+23 39.3	2.167	3.067	8.8	21.2
1 22	9 27.67	+24 24.1	2.116	3.068	5.6	21.0
2 1	9 19.30	+25 6.1	2.093	3.069	3.1	20.8
2 11	9 10.43	+25 40.3	2.100	3.070	4.1	20.9
2 21	9 2.03	+26 2.7	2.136	3.071	7.2	21.1
3 2	8 55.00	+26 11.7	2.198	3.072	10.3	21.3
3 12	8 50.00	+26 7.4	2.284	3.073	13.1	21.5

208542 2002 AM_{66} 2 5.9 213°.35 0°.1/ 5.8 18

1 2	9 36.51	+14 24.9	2.779	3.581	10.4	21.0
1 12	9 31.98	+14 53.7	2.688	3.576	7.8	20.8
1 22	9 25.88	+15 29.8	2.622	3.572	4.8	20.6
2 1	9 18.69	+16 10.0	2.586	3.567	1.6	20.3
2 11	9 11.06	+16 50.9	2.580	3.562	1.8	20.3
2 21	9 3.71	+17 28.7	2.605	3.557	5.0	20.6
3 2	8 57.33	+18 0.8	2.658	3.552	8.0	20.7
3 12	8 52.47	+18 25.2	2.737	3.546	10.6	20.9

459910 2014 MU_{20} 2 5.9 227°.17 4°.8/ 8.8 18

1 2	9 43.03	+ 2 28.5	1.935	2.700	15.5	21.5
1 12	9 37.58	+ 2 6.2	1.834	2.688	12.6	21.3
1 22	9 29.74	+ 2 1.0	1.756	2.676	9.2	21.1
2 1	9 20.08	+ 2 13.2	1.704	2.664	6.0	20.9
2 11	9 9.59	+ 2 41.3	1.680	2.650	4.9	20.8
2 21	8 59.37	+ 3 21.1	1.685	2.636	7.4	20.9
3 2	8 50.57	+ 4 7.6	1.717	2.621	11.0	21.1
3 12	8 44.06	+ 4 54.9	1.773	2.605	14.5	21.2

502808 2015 DR_{112} 2 5.9 333°.90 5°.0/ 2.2 17

1 2	9 41.86	+28 53.7	2.086	2.912	12.4	20.8
1 12	9 36.60	+29 43.7	2.013	2.910	9.5	20.6
1 22	9 29.00	+30 31.9	1.965	2.909	6.7	20.4
2 1	9 19.77	+31 11.6	1.945	2.908	5.0	20.3
2 11	9 9.98	+31 36.7	1.953	2.907	6.1	20.3
2 21	9 0.77	+31 43.9	1.989	2.906	8.8	20.5
3 2	8 53.17	+31 32.7	2.051	2.905	11.8	20.7
3 12	8 47.93	+31 5.1	2.134	2.905	14.5	20.9

102596 1999 VN_{3} 2 5.9 255°.78 0°.9/ 5.3 18

1 2	9 41.23	+15 36.4	1.810	2.627	14.4	20.9
1 12	9 36.46	+16 13.3	1.716	2.613	10.9	20.6
1 22	9 29.14	+17 1.3	1.646	2.599	6.8	20.4
2 1	9 19.90	+17 55.5	1.603	2.584	2.3	20.0
2 11	9 9.78	+18 49.4	1.588	2.570	2.9	20.1
2 21	9 0.02	+19 36.6	1.602	2.554	7.6	20.3
3 2	8 51.82	+20 12.6	1.643	2.539	11.9	20.5
3 12	8 46.10	+20 35.2	1.706	2.523	15.7	20.7

321146 2008 UZ_{255} 2 5.9 290°.26 0°.6/ 6.4 17

1 2	9 38.16	+12 17.3	2.110	2.916	13.1	21.4
1 12	9 33.64	+12 36.8	2.025	2.914	9.9	21.2
1 22	9 27.10	+13 6.9	1.965	2.913	6.3	21.0
2 1	9 19.14	+13 44.4	1.931	2.912	2.3	20.7
2 11	9 10.63	+14 25.0	1.927	2.910	2.0	20.7
2 21	9 2.52	+15 4.1	1.952	2.909	6.0	20.9
3 2	8 55.72	+15 37.9	2.005	2.908	9.7	21.2
3 12	8 50.92	+16 3.6	2.082	2.907	12.9	21.4

279038 2008 VD_{20} 2 5.9 228°.37 0°.1/ 5.8 17

1 2	9 38.24	+14 5.8	2.368	3.172	11.8	21.6
1 12	9 33.56	+14 36.8	2.275	3.165	8.9	21.4
1 22	9 27.01	+15 16.8	2.208	3.158	5.6	21.2
2 1	9 19.11	+16 2.3	2.169	3.151	1.8	20.9
2 11	9 10.66	+16 48.7	2.161	3.143	2.0	20.9
2 21	9 2.53	+17 31.7	2.182	3.135	5.8	21.1
3 2	8 55.55	+18 7.8	2.232	3.127	9.2	21.3
3 12	8 50.38	+18 34.7	2.306	3.119	12.2	21.5

65933 1998 FT_{64} 2 5.9 21°.54 1°.5/ 6.7 18

1 2	9 37.71	+10 31.9	1.156	1.994	19.5	18.2
1 12	9 34.51	+10 47.1	1.097	2.002	14.9	17.9
1 22	9 28.16	+11 22.2	1.057	2.010	9.6	17.7
2 1	9 19.57	+12 12.7	1.039	2.020	3.8	17.4
2 11	9 10.24	+13 10.6	1.047	2.030	3.0	17.3
2 21	9 1.80	+14 7.2	1.079	2.042	8.6	17.7
3 2	8 55.64	+14 55.1	1.134	2.055	13.8	18.0
3 12	8 52.67	+15 29.7	1.209	2.069	18.1	18.3

346 Hermentaria 2 5.9 98°.56 3°.1/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 40.11	+21 35.0	2.011	2.836	12.9	11.7
1 12	9 35.21	+22 39.1	1.945	2.846	9.6	11.5
1 22	9 28.11	+23 47.9	1.903	2.856	6.0	11.3
2 1	9 19.48	+24 54.7	1.890	2.866	3.2	11.1
2 11	9 10.34	+25 52.6	1.906	2.876	4.4	11.2
2 21	9 1.74	+26 36.6	1.951	2.886	7.8	11.4
3 2	8 54.68	+27 4.3	2.022	2.896	11.1	11.7
3 12	8 49.85	+27 15.7	2.115	2.905	14.0	11.9

163637 2002 UU_{38} 2 5.9 18°.41 1°.1/ 5.2 18

1 2	9 37.79	+17 3.3	1.806	2.632	14.0	19.3
1 12	9 33.63	+17 31.8	1.735	2.637	10.5	19.1
1 22	9 27.20	+18 8.4	1.687	2.643	6.4	18.8
2 1	9 19.19	+18 48.3	1.667	2.649	2.2	18.6
2 11	9 10.65	+19 25.7	1.674	2.655	2.9	18.6
2 21	9 2.68	+19 55.9	1.710	2.663	7.1	18.9
3 2	8 56.30	+20 15.5	1.771	2.670	11.0	19.2
3 12	8 52.22	+20 23.3	1.855	2.679	14.3	19.4

76031 2000 DX_{44} 2 5.9 82°.56 0°.0/ 5.8 18

1 2	9 38.96	+14 3.5	2.110	2.919	12.9	19.8
1 12	9 34.19	+14 23.8	2.033	2.925	9.7	19.6
1 22	9 27.41	+14 53.1	1.980	2.930	6.1	19.4
2 1	9 19.25	+15 27.9	1.954	2.936	2.0	19.1
2 11	9 10.60	+16 3.7	1.958	2.941	2.1	19.1
2 21	9 2.43	+16 36.1	1.992	2.947	6.1	19.4
3 2	8 55.62	+17 1.9	2.053	2.952	9.7	19.6
3 12	8 50.82	+17 19.2	2.137	2.958	12.8	19.9

323841 2005 SZ_{75} 2 5.9 43°.45 1°.3/ 6.8 18

1 2	9 38.99	+10 24.9	1.671	2.483	15.6	20.8
1 12	9 34.66	+10 43.1	1.598	2.489	12.0	20.6
1 22	9 27.90	+11 16.2	1.548	2.496	7.7	20.4
2 1	9 19.45	+12 0.5	1.523	2.503	3.1	20.1
2 11	9 10.40	+12 50.4	1.527	2.510	2.4	20.1
2 21	9 1.93	+13 39.9	1.558	2.517	6.9	20.4
3 2	8 55.13	+14 23.7	1.615	2.525	11.2	20.6
3 12	8 50.77	+14 58.1	1.695	2.533	14.8	20.9

206212 2002 VS_{34} 2 5.9 91°.65 17°.5/23.9 18

1 2	9 55.03	+47 48.2	1.148	1.972	20.5	19.4
1 12	9 49.83	+51 4.0	1.125	1.983	18.5	19.3
1 22	9 38.85	+53 52.6	1.122	1.994	17.6	19.3
2 1	9 23.38	+55 52.6	1.140	2.004	18.0	19.3
2 11	9 6.38	+56 50.7	1.176	2.015	19.5	19.5
2 21	8 51.35	+56 47.3	1.230	2.025	21.5	19.6
3 2	8 40.98	+55 52.4	1.299	2.035	23.5	19.8
3 12	8 36.39	+54 20.6	1.380	2.045	25.4	20.0

118368 1999 GE_{11} 2 5.9 173°.19 0°.0/ 5.7 18

1 2	9 40.31	+13 59.7	1.943	2.754	13.8	20.5
1 12	9 35.42	+14 25.6	1.862	2.755	10.4	20.3
1 22	9 28.30	+15 1.8	1.805	2.756	6.5	20.1
2 1	9 19.58	+15 44.3	1.775	2.756	2.2	19.8
2 11	9 10.27	+16 27.8	1.774	2.757	2.3	19.8
2 21	9 1.43	+17 7.3	1.802	2.757	6.6	20.1
3 2	8 54.07	+17 38.9	1.857	2.757	10.5	20.3
3 12	8 48.95	+18 0.3	1.936	2.757	13.9	20.5

222691 2002 AU_{7} 2 5.9 63°.33 5°.6/ 1.0 18

1 2	9 39.89	+25 32.1	1.747	2.583	14.0	19.8
1 12	9 35.53	+27 29.7	1.688	2.593	10.6	19.6
1 22	9 28.56	+29 30.8	1.655	2.603	7.3	19.4
2 1	9 19.70	+31 24.4	1.649	2.613	5.6	19.3
2 11	9 10.14	+33 0.1	1.672	2.623	7.2	19.4
2 21	9 1.18	+34 11.2	1.722	2.633	10.4	19.6
3 2	8 54.01	+34 55.3	1.797	2.643	13.6	19.9
3 12	8 49.47	+35 14.1	1.892	2.654	16.4	20.1

340848 2006 XO_{27} 2 5.9 94°.25 2°.4/ 7.1 18

1 2	9 43.97	+ 9 35.0	1.339	2.154	18.6	20.5
1 12	9 38.95	+ 9 29.1	1.268	2.160	14.4	20.2
1 22	9 30.83	+ 9 40.5	1.218	2.165	9.5	19.9
2 1	9 20.49	+10 6.6	1.193	2.171	4.3	19.6
2 11	9 9.35	+10 42.0	1.194	2.176	3.3	19.6
2 21	8 58.98	+11 20.3	1.221	2.181	8.2	19.9
3 2	8 50.81	+11 55.4	1.273	2.186	13.2	20.2
3 12	8 45.76	+12 22.9	1.345	2.192	17.4	20.5

155695 2000 PP_{19} 2 5.9 64°.26 3°.3/ 4.0 18

1 2	9 45.88	+23 2.5	1.686	2.512	14.9	19.6
1 12	9 39.58	+23 38.1	1.640	2.541	11.1	19.4
1 22	9 30.75	+24 15.2	1.618	2.570	6.9	19.2
2 1	9 20.33	+24 47.2	1.622	2.599	3.6	19.1
2 11	9 9.63	+25 8.1	1.656	2.628	4.6	19.2
2 21	8 59.93	+25 14.8	1.717	2.657	8.2	19.5
3 2	8 52.29	+25 6.8	1.804	2.686	11.8	19.7
3 12	8 47.34	+24 45.8	1.914	2.714	14.8	20.0

463744 2014 QK_{410} 2 5.9 94°.09 0°.4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.18	+12 9.8	1.787	2.594	15.0	22.1
1 12	9 36.78	+12 42.2	1.724	2.614	11.3	21.9
1 22	9 29.07	+13 27.0	1.685	2.634	7.1	21.7
2 1	9 19.81	+14 19.5	1.673	2.654	2.5	21.4
2 11	9 10.10	+15 13.6	1.690	2.673	2.3	21.4
2 21	9 1.08	+16 3.5	1.736	2.692	6.7	21.8
3 2	8 53.75	+16 44.9	1.809	2.711	10.7	22.0
3 12	8 48.81	+17 15.4	1.906	2.729	14.0	22.3

377612 2005 SM_{8} 2 5.9 151°.16 15°.4/30.3 17

1 2	10 6.52	+47 17.6	1.244	2.050	20.3	20.7
1 12	9 57.66	+48 55.4	1.200	2.055	17.8	20.6
1 22	9 43.14	+50 9.3	1.174	2.059	15.9	20.5
2 1	9 24.65	+50 40.2	1.170	2.063	15.4	20.5
2 11	9 5.33	+50 16.6	1.188	2.066	16.5	20.5
2 21	8 48.49	+48 59.9	1.226	2.070	18.7	20.7
3 2	8 36.42	+47 1.6	1.284	2.072	21.2	20.9
3 12	8 29.90	+44 37.0	1.358	2.074	23.7	21.1

280225 2002 UT_{58} 2 5.9 62°.02 1°.2/ 7.0 18 R

1 2	9 36.30	+ 8 55.1	2.141	2.939	13.2	20.4
1 12	9 32.19	+ 9 32.5	2.062	2.945	10.1	20.2
1 22	9 26.19	+10 23.9	2.006	2.950	6.5	20.0
2 1	9 18.87	+11 25.9	1.978	2.956	2.8	19.7
2 11	9 11.05	+12 33.3	1.979	2.962	2.0	19.7
2 21	9 3.64	+13 40.4	2.010	2.968	5.7	19.9
3 2	8 57.47	+14 42.2	2.069	2.974	9.3	20.2
3 12	8 53.19	+15 34.9	2.152	2.980	12.4	20.4

493653 2015 RJ_{31} 2 5.9 43°.64 4°.9/ 3.5 18

1 2	9 43.69	+22 59.8	1.132	1.985	18.8	20.7
1 12	9 39.19	+24 2.1	1.085	1.999	14.1	20.5
1 22	9 31.10	+25 9.3	1.057	2.014	9.0	20.2
2 1	9 20.57	+26 10.4	1.054	2.030	5.1	20.1
2 11	9 9.39	+26 54.3	1.075	2.046	6.7	20.2
2 21	8 59.44	+27 15.2	1.120	2.063	11.2	20.5
3 2	8 52.25	+27 12.2	1.188	2.080	15.7	20.8
3 12	8 48.64	+26 48.4	1.274	2.098	19.6	21.1

225021 2007 FL 2 5.9 195°.85 1°.8/ 4.7 18

1 2	9 41.69	+19 31.8	2.017	2.835	13.1	20.4
1 12	9 36.43	+20 0.7	1.936	2.834	9.8	20.1
1 22	9 28.91	+20 34.9	1.880	2.833	6.1	19.9
2 1	9 19.80	+21 9.6	1.852	2.832	2.4	19.7
2 11	9 10.10	+21 39.3	1.853	2.831	3.3	19.7
2 21	9 0.90	+21 59.9	1.883	2.830	7.1	20.0
3 2	8 53.22	+22 9.1	1.940	2.828	10.8	20.2
3 12	8 47.80	+22 6.5	2.020	2.826	14.0	20.4

52972 1998 TH_{33} 2 5.9 184°.61 4°.1/ 3.2 18

1 2	9 46.33	+23 59.5	1.796	2.618	14.3	19.4
1 12	9 40.30	+24 59.4	1.720	2.619	10.8	19.1
1 22	9 31.50	+26 2.8	1.669	2.619	7.0	18.9
2 1	9 20.71	+27 1.5	1.645	2.618	4.2	18.8
2 11	9 9.16	+27 47.6	1.650	2.617	5.5	18.8
2 21	8 58.22	+28 15.9	1.684	2.615	9.1	19.0
3 2	8 49.18	+28 24.7	1.743	2.612	12.9	19.2
3 12	8 42.89	+28 15.4	1.824	2.608	16.1	19.5

143026 2002 VC_{114} 2 5.9 136°.86 6°.6/31.6 18

1 2	9 44.85	+31 41.8	1.988	2.812	13.0	19.9
1 12	9 39.03	+33 9.8	1.930	2.821	10.2	19.7
1 22	9 30.62	+34 34.2	1.896	2.830	7.6	19.6
2 1	9 20.38	+35 45.9	1.890	2.839	6.6	19.5
2 11	9 9.53	+36 37.1	1.913	2.847	7.8	19.6
2 21	8 59.36	+37 4.0	1.962	2.855	10.3	19.8
3 2	8 51.02	+37 6.6	2.037	2.863	13.0	20.0
3 12	8 45.32	+36 48.1	2.131	2.869	15.5	20.2

297484 2000 UJ_{15} 2 5.9 66°.75 2°.8/ 4.3 18

1 2	9 44.87	+19 57.6	1.396	2.230	16.9	20.4
1 12	9 39.37	+20 45.1	1.346	2.252	12.6	20.2
1 22	9 30.89	+21 39.2	1.318	2.274	7.8	19.9
2 1	9 20.45	+22 31.8	1.316	2.296	3.4	19.7
2 11	9 9.53	+23 14.6	1.341	2.317	4.6	19.9
2 21	8 59.67	+23 42.0	1.393	2.339	9.1	20.2
3 2	8 52.10	+23 52.2	1.469	2.361	13.3	20.5
3 12	8 47.60	+23 46.2	1.566	2.383	16.8	20.8

463995 2014 WY_{59} 2 5.9 165°.79 0°.8/ 6.6 18

1 2	9 40.94	+11 20.8	2.258	3.051	12.7	22.5
1 12	9 35.57	+11 42.7	2.174	3.056	9.7	22.3
1 22	9 28.25	+12 15.2	2.115	3.061	6.2	22.1
2 1	9 19.56	+12 55.3	2.085	3.065	2.4	21.9
2 11	9 10.37	+13 38.5	2.085	3.068	2.0	21.9
2 21	9 1.59	+14 20.6	2.115	3.070	5.7	22.1
3 2	8 54.10	+14 57.9	2.174	3.072	9.3	22.3
3 12	8 48.54	+15 27.5	2.257	3.074	12.3	22.5

292635 2006 UG_{27} 2 5.9 85°.26 0°.7/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.55	+12 8.3	1.721	2.531	15.3	21.4
1 12	9 36.45	+12 29.1	1.654	2.545	11.6	21.2
1 22	9 28.95	+13 2.6	1.610	2.559	7.3	21.0
2 1	9 19.81	+13 44.5	1.593	2.573	2.7	20.7
2 11	9 10.16	+14 29.2	1.604	2.587	2.3	20.7
2 21	9 1.17	+15 11.1	1.643	2.601	6.8	21.1
3 2	8 53.91	+15 45.9	1.710	2.614	11.0	21.3
3 12	8 49.10	+16 10.8	1.799	2.628	14.5	21.6

82444 2001 OB_{9} 2 5.9 213°.96 1°.8/ 7.1 18

1 2	9 40.77	+ 9 29.8	1.989	2.784	14.1	20.0
1 12	9 35.76	+ 9 36.0	1.900	2.780	10.9	19.8
1 22	9 28.53	+ 9 55.2	1.834	2.776	7.2	19.6
2 1	9 19.70	+10 24.9	1.794	2.771	3.3	19.3
2 11	9 10.22	+11 1.3	1.784	2.766	2.5	19.2
2 21	9 1.13	+11 39.7	1.803	2.761	6.3	19.5
3 2	8 53.44	+12 15.7	1.850	2.755	10.2	19.7
3 12	8 47.93	+12 45.8	1.921	2.749	13.7	19.9

120985 1998 XT_{15} 2 5.9 177°.94 1°.9/ 4.7 18

1 2	9 46.32	+19 9.3	1.904	2.716	14.0	20.4
1 12	9 40.03	+19 43.5	1.824	2.719	10.5	20.1
1 22	9 31.22	+20 23.8	1.769	2.721	6.5	19.9
2 1	9 20.61	+21 4.7	1.741	2.722	2.6	19.7
2 11	9 9.33	+21 39.8	1.744	2.722	3.4	19.7
2 21	8 58.63	+22 4.6	1.776	2.721	7.6	20.0
3 2	8 49.65	+22 16.7	1.835	2.720	11.5	20.2
3 12	8 43.19	+22 15.9	1.917	2.717	14.8	20.4

462338 2008 NF_{2} 2 5.9 148°.37 4°.7/ 9.4 18

1 2	9 40.48	+ 0 51.9	2.334	3.084	13.6	21.0
1 12	9 35.13	+ 0 24.6	2.249	3.090	11.1	20.8
1 22	9 27.93	+ 0 12.3	2.187	3.097	8.3	20.6
2 1	9 19.46	+ 0 15.4	2.151	3.103	5.7	20.5
2 11	9 10.51	+ 0 32.4	2.145	3.108	4.7	20.4
2 21	9 1.95	+ 1 0.3	2.168	3.114	6.4	20.5
3 2	8 54.59	+ 1 35.1	2.219	3.118	9.1	20.7
3 12	8 49.06	+ 2 12.3	2.296	3.123	11.8	20.9

370821 2004 TF_{366} 2 5.9 106°.52 2°.2/ 4.3 18

1 2	9 42.22	+20 45.6	2.214	3.029	12.2	21.9
1 12	9 36.49	+21 25.1	2.151	3.047	9.1	21.7
1 22	9 28.77	+22 8.2	2.113	3.065	5.6	21.5
2 1	9 19.72	+22 49.6	2.104	3.083	2.5	21.3
2 11	9 10.30	+23 24.4	2.125	3.100	3.4	21.4
2 21	9 1.47	+23 48.9	2.176	3.117	6.7	21.7
3 2	8 54.11	+24 1.4	2.254	3.133	9.9	21.9
3 12	8 48.81	+24 1.9	2.356	3.149	12.6	22.1

367426 2008 SV_{1} 2 5.9 61°.96 20°.0/19.9 18

1 2	9 41.26	−22 11.9	1.128	1.811	28.6	20.4
1 12	9 37.62	−24 29.1	1.074	1.820	26.5	20.3
1 22	9 30.42	−26 1.7	1.031	1.829	24.2	20.1
2 1	9 20.49	−26 37.5	1.001	1.839	22.0	20.0
2 11	9 9.42	−26 9.8	0.987	1.848	20.5	19.9
2 21	8 59.09	−24 41.2	0.989	1.858	20.0	19.9
3 2	8 51.28	−22 23.3	1.009	1.868	20.7	20.0
3 12	8 47.14	−19 35.0	1.046	1.878	22.3	20.1

423193 2004 NP_{24} 2 5.9 150°.88 0°.0/ 5.8 17

1 2	9 41.76	+14 34.3	2.699	3.491	10.9	22.4
1 12	9 35.83	+14 50.8	2.619	3.502	8.2	22.2
1 22	9 28.25	+15 13.6	2.566	3.513	5.1	22.0
2 1	9 19.55	+15 39.9	2.542	3.523	1.7	21.8
2 11	9 10.48	+16 6.2	2.550	3.532	1.7	21.8
2 21	9 1.82	+16 29.5	2.589	3.541	5.1	22.0
3 2	8 54.29	+16 47.6	2.657	3.548	8.1	22.2
3 12	8 48.45	+16 59.0	2.752	3.555	10.7	22.4

448110 2008 NF_{5} 2 5.9 132°.89 2°.6/ 7.7 18

1 2	9 45.43	+ 6 58.4	1.915	2.694	15.2	21.7
1 12	9 39.10	+ 7 2.6	1.843	2.712	11.8	21.5
1 22	9 30.49	+ 7 21.8	1.794	2.729	7.9	21.3
2 1	9 20.34	+ 7 53.6	1.773	2.746	4.0	21.1
2 11	9 9.69	+ 8 34.0	1.781	2.761	3.0	21.1
2 21	8 59.68	+ 9 17.8	1.820	2.775	6.5	21.3
3 2	8 51.29	+10 0.4	1.886	2.789	10.2	21.6
3 12	8 45.24	+10 37.6	1.977	2.801	13.5	21.8

385894 2006 SO_{233} 2 5.9 108°.82 0°.0/ 5.8 17

1 2	9 38.73	+14 41.9	2.510	3.312	11.3	21.6
1 12	9 33.71	+14 55.8	2.433	3.321	8.5	21.4
1 22	9 27.00	+15 16.5	2.381	3.330	5.3	21.2
2 1	9 19.14	+15 41.0	2.357	3.339	1.8	21.0
2 11	9 10.91	+16 5.9	2.365	3.347	1.8	21.0
2 21	9 3.10	+16 28.0	2.402	3.356	5.3	21.3
3 2	8 56.44	+16 44.9	2.468	3.364	8.4	21.5
3 12	8 51.50	+16 55.0	2.559	3.372	11.1	21.7

299351 2005 ST_{209} 2 5.9 169°.59 1°.9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 36.27	+ 6 38.6	3.376	4.141	9.5	21.9
1 12	9 31.50	+ 6 44.8	3.284	4.145	7.4	21.7
1 22	9 25.48	+ 6 59.8	3.218	4.148	5.0	21.5
2 1	9 18.62	+ 7 22.5	3.181	4.151	2.7	21.4
2 11	9 11.44	+ 7 50.7	3.176	4.154	2.1	21.3
2 21	9 4.51	+ 8 22.0	3.202	4.156	4.1	21.5
3 2	8 58.36	+ 8 53.7	3.258	4.158	6.5	21.7
3 12	8 53.43	+ 9 23.4	3.341	4.159	8.7	21.8

340846 2006 XH_{22} 2 5.9 79°.81 3°.9/ 3.6 17

1 2	9 44.92	+20 1.2	1.261	2.101	18.0	20.9
1 12	9 39.82	+21 24.6	1.211	2.120	13.4	20.6
1 22	9 31.41	+22 57.1	1.182	2.139	8.3	20.4
2 1	9 20.71	+24 27.4	1.179	2.157	4.2	20.2
2 11	9 9.36	+25 43.6	1.203	2.176	5.8	20.4
2 21	8 59.08	+26 37.9	1.252	2.194	10.4	20.7
3 2	8 51.32	+27 7.5	1.325	2.212	14.8	21.0
3 12	8 46.92	+27 14.1	1.418	2.230	18.5	21.3

24639 Mukhametdinov 2 5.9 105°.27 4°.6/ 2.8 18

1 2	9 44.84	+25 51.4	1.824	2.650	13.9	17.6
1 12	9 38.97	+26 53.4	1.766	2.666	10.5	17.4
1 22	9 30.53	+27 55.9	1.732	2.681	7.0	17.3
2 1	9 20.37	+28 50.8	1.726	2.696	4.7	17.1
2 11	9 9.70	+29 31.0	1.749	2.710	5.9	17.2
2 21	8 59.81	+29 52.4	1.799	2.724	9.0	17.5
3 2	8 51.81	+29 54.5	1.875	2.738	12.3	17.7
3 12	8 46.45	+29 39.2	1.973	2.752	15.2	17.9

56572 2000 JZ_{23} 2 5.9 268°.97 7°.1/10.2 18

1 2	9 40.17	− 2 23.2	1.877	2.627	16.5	18.5
1 12	9 35.51	− 3 11.3	1.782	2.617	13.8	18.3
1 22	9 28.52	− 3 40.1	1.707	2.607	10.9	18.1
2 1	9 19.77	− 3 46.9	1.657	2.596	8.2	17.9
2 11	9 10.22	− 3 31.9	1.633	2.586	7.1	17.9
2 21	9 0.98	− 2 57.9	1.636	2.576	8.6	17.9
3 2	8 53.14	− 2 10.3	1.666	2.566	11.5	18.1
3 12	8 47.54	− 1 15.9	1.718	2.555	14.7	18.2

101982 1999 RH_{58} 2 5.9 165°.15 1°.5/ 4.9 18

1 2	9 45.58	+18 52.7	2.110	2.917	13.0	21.4
1 12	9 39.21	+19 17.2	2.031	2.923	9.7	21.2
1 22	9 30.58	+19 46.8	1.977	2.929	6.0	21.0
2 1	9 20.40	+20 16.7	1.953	2.933	2.2	20.7
2 11	9 9.68	+20 42.1	1.958	2.937	2.9	20.8
2 21	8 59.52	+20 59.2	1.994	2.940	6.8	21.0
3 2	8 50.91	+21 6.1	2.058	2.943	10.4	21.3
3 12	8 44.57	+21 2.3	2.145	2.944	13.5	21.5

87660 2000 RS_{94} 2 5.9 239°.41 1°.2/ 6.9 18

1 2	9 39.68	+ 9 44.7	2.387	3.175	12.3	20.5
1 12	9 34.73	+10 8.3	2.281	3.159	9.5	20.3
1 22	9 27.85	+10 43.8	2.200	3.142	6.2	20.1
2 1	9 19.52	+11 28.9	2.146	3.124	2.6	19.8
2 11	9 10.52	+12 19.5	2.123	3.106	2.0	19.7
2 21	9 1.73	+13 11.2	2.131	3.087	5.6	19.9
3 2	8 54.03	+13 59.5	2.168	3.068	9.2	20.1
3 12	8 48.14	+14 41.1	2.229	3.048	12.4	20.3

179272 2001 UA_{202} 2 5.9 181°.86 1°.0/ 5.2 18

1 2	9 41.97	+17 4.3	2.139	2.949	12.7	21.5
1 12	9 36.53	+17 32.7	2.057	2.950	9.6	21.2
1 22	9 28.95	+18 8.2	1.998	2.950	5.9	21.0
2 1	9 19.86	+18 46.2	1.969	2.950	2.0	20.8
2 11	9 10.21	+19 21.9	1.969	2.950	2.6	20.8
2 21	9 1.01	+19 50.9	1.999	2.949	6.5	21.0
3 2	8 53.22	+20 10.6	2.057	2.947	10.1	21.3
3 12	8 47.56	+20 19.6	2.138	2.945	13.3	21.5

68633 2002 CY_{13} 2 5.9 273°.82 1°.4/ 5.1 18

1 2	9 42.59	+17 22.0	1.596	2.422	15.6	19.8
1 12	9 37.84	+17 50.5	1.507	2.408	11.8	19.5
1 22	9 30.21	+18 28.8	1.440	2.395	7.4	19.2
2 1	9 20.39	+19 11.4	1.399	2.381	2.6	18.9
2 11	9 9.61	+19 51.4	1.387	2.367	3.4	18.9
2 21	8 59.28	+20 22.5	1.401	2.354	8.4	19.2
3 2	8 50.78	+20 40.9	1.441	2.340	13.1	19.4
3 12	8 45.11	+20 45.2	1.502	2.326	17.1	19.6

234294 Pappsándor 2 5.9 22°.32 1°.0/ 6.5 18

1 2	9 39.72	+12 33.0	1.654	2.472	15.5	20.2
1 12	9 35.26	+12 33.6	1.582	2.476	11.8	20.0
1 22	9 28.33	+12 45.9	1.531	2.482	7.5	19.7
2 1	9 19.67	+13 6.8	1.507	2.487	2.9	19.5
2 11	9 10.43	+13 31.8	1.510	2.494	2.4	19.4
2 21	9 1.80	+13 55.9	1.541	2.500	7.0	19.7
3 2	8 54.90	+14 15.5	1.598	2.508	11.3	20.0
3 12	8 50.49	+14 27.6	1.677	2.516	14.9	20.3

196312 2003 FB_{29} 2 5.9 325°.91 3°.0/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 37.00	+ 4 51.2	1.359	2.170	18.6	20.0
1 12	9 33.85	+ 5 28.5	1.277	2.164	14.7	19.7
1 22	9 27.83	+ 6 33.0	1.215	2.158	10.0	19.4
2 1	9 19.61	+ 8 1.8	1.177	2.152	5.1	19.1
2 11	9 10.42	+ 9 46.9	1.164	2.146	3.5	19.0
2 21	9 1.71	+11 37.5	1.178	2.141	8.1	19.3
3 2	8 54.86	+13 22.3	1.218	2.137	13.2	19.5
3 12	8 50.93	+14 52.8	1.278	2.133	17.7	19.8

287386 2002 VK_{35} 2 5.9 51°.88 4°.5/ 9.5 18

1 2	9 37.34	+ 1 28.9	2.033	2.801	14.8	20.4
1 12	9 32.99	+ 1 17.2	1.960	2.814	11.9	20.2
1 22	9 26.70	+ 1 23.1	1.909	2.828	8.7	20.1
2 1	9 19.09	+ 1 46.3	1.883	2.841	5.7	19.9
2 11	9 11.05	+ 2 23.9	1.886	2.855	4.6	19.9
2 21	9 3.48	+ 3 11.4	1.917	2.869	6.5	20.0
3 2	8 57.25	+ 4 3.7	1.975	2.884	9.5	20.2
3 12	8 52.97	+ 4 55.2	2.057	2.898	12.5	20.4

314742 2006 SX_{143} 2 5.9 25°.90 0°.5/ 5.7 18

1 2	9 41.05	+15 32.4	1.509	2.337	16.2	21.1
1 12	9 36.52	+15 51.0	1.438	2.340	12.3	20.9
1 22	9 29.24	+16 20.4	1.390	2.345	7.6	20.6
2 1	9 20.01	+16 55.6	1.367	2.349	2.5	20.3
2 11	9 10.10	+17 30.2	1.371	2.354	2.9	20.3
2 21	9 0.89	+17 58.7	1.403	2.359	7.9	20.7
3 2	8 53.61	+18 17.0	1.459	2.365	12.4	20.9
3 12	8 49.12	+18 23.7	1.537	2.371	16.3	21.2

209029 2003 GM_{14} 2 5.9 303°.77 8°.5/29.4 18

1 2	9 45.45	+42 1.7	2.304	3.109	12.1	19.8
1 12	9 39.52	+43 9.4	2.238	3.101	10.3	19.7
1 22	9 30.96	+44 6.4	2.196	3.094	8.9	19.6
2 1	9 20.57	+44 44.5	2.181	3.086	8.6	19.5
2 11	9 9.55	+44 57.9	2.192	3.079	9.5	19.6
2 21	8 59.21	+44 44.6	2.228	3.072	11.3	19.7
3 2	8 50.73	+44 6.1	2.287	3.065	13.3	19.8
3 12	8 44.91	+43 6.8	2.365	3.058	15.2	19.9

96564 1998 SN_{156} 2 5.9 177°.90 0°.6/ 5.5 18

1 2	9 39.73	+16 5.5	2.527	3.331	11.2	20.3
1 12	9 34.54	+16 32.5	2.442	3.332	8.4	20.1
1 22	9 27.58	+17 6.0	2.383	3.333	5.2	19.9
2 1	9 19.39	+17 42.5	2.352	3.334	1.7	19.7
2 11	9 10.74	+18 17.9	2.353	3.334	2.1	19.7
2 21	9 2.46	+18 48.6	2.384	3.334	5.5	19.9
3 2	8 55.32	+19 12.0	2.443	3.333	8.7	20.1
3 12	8 49.93	+19 26.6	2.527	3.332	11.5	20.3

471130 2010 DO_{41} 2 5.9 286°.33 0°.9/ 6.8 17

1 2	9 36.40	+ 9 44.2	2.143	2.943	13.1	21.4
1 12	9 32.39	+10 24.8	2.053	2.938	10.0	21.2
1 22	9 26.43	+11 19.5	1.987	2.933	6.4	20.9
2 1	9 19.05	+12 24.7	1.949	2.929	2.6	20.7
2 11	9 11.08	+13 35.2	1.941	2.924	2.0	20.6
2 21	9 3.44	+14 45.1	1.962	2.919	5.9	20.9
3 2	8 57.01	+15 49.1	2.011	2.915	9.6	21.1
3 12	8 52.49	+16 43.2	2.084	2.910	12.9	21.3

265771 2005 WS_{35} 2 5.9 75°.26 2°.3/ 7.5 18

1 2	9 40.09	+ 8 16.1	1.845	2.642	15.0	20.4
1 12	9 35.24	+ 8 20.0	1.774	2.654	11.6	20.2
1 22	9 28.18	+ 8 38.3	1.726	2.667	7.7	20.0
2 1	9 19.62	+ 9 8.6	1.703	2.679	3.7	19.7
2 11	9 10.55	+ 9 46.8	1.710	2.691	2.8	19.7
2 21	9 2.06	+10 27.9	1.745	2.703	6.4	20.0
3 2	8 55.11	+11 7.0	1.807	2.716	10.2	20.2
3 12	8 50.40	+11 40.3	1.892	2.728	13.6	20.4

203986 2003 SW_{264} 2 5.9 198°.80 1°.3/ 4.9 18

1 2	9 39.15	+17 22.2	2.120	2.937	12.6	20.4
1 12	9 34.46	+17 59.5	2.039	2.936	9.4	20.2
1 22	9 27.70	+18 44.1	1.983	2.936	5.8	20.0
2 1	9 19.47	+19 31.5	1.954	2.935	2.1	19.7
2 11	9 10.68	+20 16.1	1.955	2.935	2.8	19.8
2 21	9 2.32	+20 53.5	1.985	2.934	6.6	20.0
3 2	8 55.32	+21 20.3	2.042	2.933	10.2	20.2
3 12	8 50.37	+21 35.4	2.123	2.932	13.3	20.4

402553 2006 KW_{94} 2 5.9 124°.64 0°.2/ 5.8 18

1 2	9 42.86	+13 38.7	1.910	2.716	14.2	22.1
1 12	9 37.28	+14 17.7	1.841	2.731	10.7	21.9
1 22	9 29.43	+15 7.5	1.796	2.746	6.6	21.7
2 1	9 20.03	+16 3.3	1.779	2.760	2.2	21.4
2 11	9 10.14	+16 59.0	1.792	2.774	2.3	21.4
2 21	9 0.84	+17 48.9	1.834	2.787	6.6	21.7
3 2	8 53.15	+18 29.2	1.903	2.800	10.5	22.0
3 12	8 47.76	+18 57.7	1.997	2.811	13.8	22.2

329589 2003 BO_{10} 2 5.9 351°.95 4°.7/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 27.31	+19 19.8	0.973	1.853	18.8	19.6
1 12	9 27.49	+20 47.6	0.906	1.836	14.2	19.3
1 22	9 24.32	+22 33.2	0.858	1.823	8.9	19.0
2 1	9 18.52	+24 24.8	0.832	1.811	4.8	18.7
2 11	9 11.60	+26 6.5	0.828	1.803	7.1	18.8
2 21	9 5.37	+27 24.9	0.845	1.797	12.5	19.1
3 2	9 1.56	+28 11.9	0.883	1.794	17.7	19.3
3 12	9 1.31	+28 26.1	0.936	1.795	22.3	19.6

198276 2004 TC_{276} 2 5.9 191°.56 4°.8/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 38.41	− 2 17.7	2.651	3.380	12.7	21.3
1 12	9 33.50	− 2 26.3	2.554	3.378	10.5	21.1
1 22	9 26.93	− 2 18.6	2.479	3.376	8.0	21.0
2 1	9 19.21	− 1 54.6	2.431	3.373	5.8	20.8
2 11	9 10.99	− 1 15.9	2.413	3.370	4.8	20.8
2 21	9 3.04	− 0 25.7	2.424	3.366	6.0	20.8
3 2	8 56.08	+ 0 31.7	2.464	3.361	8.4	21.0
3 12	8 50.69	+ 1 31.2	2.530	3.356	10.9	21.1

397809 2008 RS_{62} 2 5.9 240°.28 2°.3/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 45.14	+19 18.2	1.551	2.378	15.9	21.6
1 12	9 39.84	+19 52.6	1.467	2.369	12.1	21.3
1 22	9 31.50	+20 35.2	1.406	2.361	7.5	21.0
2 1	9 20.87	+21 19.4	1.371	2.351	3.0	20.7
2 11	9 9.28	+21 57.5	1.363	2.342	4.1	20.8
2 21	8 58.24	+22 23.3	1.383	2.332	8.9	21.0
3 2	8 49.21	+22 33.6	1.428	2.321	13.6	21.3
3 12	8 43.19	+22 28.4	1.494	2.311	17.5	21.5

146580 2001 TC_{89} 2 5.9 350°.57 0°.0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.97	+14 43.3	1.518	2.345	16.2	19.8
1 12	9 35.79	+14 51.1	1.440	2.341	12.3	19.6
1 22	9 28.87	+15 10.1	1.384	2.338	7.7	19.3
2 1	9 19.96	+15 36.2	1.353	2.335	2.6	19.0
2 11	9 10.28	+16 3.7	1.350	2.333	2.6	19.0
2 21	9 1.19	+16 27.3	1.373	2.331	7.8	19.3
3 2	8 53.98	+16 43.1	1.421	2.330	12.4	19.5
3 12	8 49.51	+16 48.8	1.490	2.330	16.4	19.8

323783 2005 QS_{90} 2 5.9 123°.36 1°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.27	+17 26.9	2.029	2.842	13.2	21.8
1 12	9 36.77	+17 59.9	1.958	2.854	9.9	21.6
1 22	9 29.10	+18 39.8	1.912	2.865	6.1	21.4
2 1	9 19.95	+19 21.6	1.894	2.875	2.1	21.1
2 11	9 10.32	+20 0.1	1.906	2.886	2.8	21.2
2 21	9 1.26	+20 30.7	1.947	2.896	6.7	21.5
3 2	8 53.72	+20 50.9	2.015	2.905	10.3	21.7
3 12	8 48.40	+20 59.7	2.107	2.914	13.4	21.9

432231 2009 HV_{57} 2 5.9 257°.30 3°.3/ 9.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 35.57	+ 0 39.9	2.914	3.660	11.3	21.8
1 12	9 31.36	+ 1 4.9	2.797	3.639	9.1	21.7
1 22	9 25.63	+ 1 45.3	2.704	3.618	6.7	21.5
2 1	9 18.80	+ 2 40.2	2.639	3.597	4.3	21.3
2 11	9 11.44	+ 3 47.1	2.605	3.576	3.3	21.2
2 21	9 4.21	+ 5 1.9	2.601	3.553	5.0	21.3
3 2	8 57.77	+ 6 19.9	2.628	3.531	7.7	21.4
3 12	8 52.71	+ 7 36.4	2.681	3.508	10.3	21.5

293140 2006 XZ_{68} 2 5.9 87°.34 1°.0/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.49	+11 56.5	1.800	2.608	14.9	21.3
1 12	9 36.39	+12 6.4	1.728	2.617	11.3	21.1
1 22	9 28.96	+12 28.1	1.679	2.627	7.2	20.9
2 1	9 19.92	+12 58.2	1.657	2.637	2.8	20.6
2 11	9 10.35	+13 32.0	1.664	2.647	2.3	20.6
2 21	9 1.39	+14 4.6	1.699	2.657	6.6	20.9
3 2	8 54.06	+14 32.1	1.761	2.666	10.7	21.1
3 12	8 49.09	+14 51.6	1.846	2.676	14.1	21.4

323144 2003 DT_{17} 2 5.9 313°.94 2°.2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.91	+11 27.8	1.606	2.419	16.2	19.5
1 12	9 37.27	+10 57.9	1.511	2.401	12.6	19.2
1 22	9 29.86	+10 38.5	1.438	2.384	8.4	19.0
2 1	9 20.34	+10 28.6	1.389	2.367	3.8	18.6
2 11	9 9.85	+10 25.6	1.369	2.351	3.1	18.5
2 21	8 59.75	+10 26.1	1.375	2.335	7.6	18.8
3 2	8 51.38	+10 27.0	1.408	2.319	12.3	19.0
3 12	8 45.72	+10 25.0	1.462	2.305	16.5	19.2

399570 2003 SF_{196} 2 5.9 146°.73 0°.3/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.21	+13 20.6	2.169	2.964	13.1	22.6
1 12	9 38.06	+13 40.8	2.093	2.977	9.9	22.4
1 22	9 29.84	+14 10.1	2.042	2.989	6.2	22.2
2 1	9 20.20	+14 44.9	2.019	3.000	2.2	22.0
2 11	9 10.09	+15 20.7	2.027	3.010	2.0	22.0
2 21	9 0.50	+15 53.4	2.066	3.019	6.0	22.2
3 2	8 52.36	+16 19.7	2.133	3.028	9.6	22.5
3 12	8 46.32	+16 37.8	2.225	3.036	12.7	22.7

319633 2006 SJ_{366} 2 5.9 161°.02 7°.9/30.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 48.74	+37 51.8	2.150	2.959	12.7	20.7
1 12	9 41.98	+39 10.3	2.091	2.965	10.4	20.5
1 22	9 32.50	+40 20.0	2.057	2.970	8.5	20.4
2 1	9 21.13	+41 12.2	2.050	2.975	7.9	20.4
2 11	9 9.16	+41 40.1	2.071	2.979	8.9	20.5
2 21	8 57.94	+41 41.3	2.119	2.983	11.0	20.6
3 2	8 48.69	+41 17.3	2.190	2.986	13.3	20.7
3 12	8 42.20	+40 32.7	2.282	2.988	15.4	20.9

430718 2004 EB_{53} 2 5.9 247°.44 4°.1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.83	+27 54.7	2.439	3.259	11.0	21.0
1 12	9 35.62	+28 40.3	2.357	3.252	8.4	20.8
1 22	9 28.39	+29 25.1	2.301	3.246	5.8	20.6
2 1	9 19.73	+30 3.4	2.274	3.239	4.2	20.5
2 11	9 10.54	+30 30.2	2.276	3.233	5.2	20.6
2 21	9 1.77	+30 42.2	2.307	3.226	7.7	20.7
3 2	8 54.33	+30 38.6	2.365	3.219	10.5	20.9
3 12	8 48.88	+30 20.3	2.445	3.212	13.0	21.0

344510 2002 RT_{82} 2 5.9 134°.79 2°.0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.01	+ 7 27.4	1.710	2.502	16.2	21.8
1 12	9 38.39	+ 7 56.9	1.638	2.516	12.5	21.6
1 22	9 30.26	+ 8 44.2	1.589	2.530	8.3	21.4
2 1	9 20.38	+ 9 45.7	1.566	2.543	3.8	21.2
2 11	9 9.91	+10 55.0	1.573	2.555	2.7	21.1
2 21	9 0.06	+12 4.9	1.608	2.566	6.9	21.4
3 2	8 51.96	+13 9.2	1.671	2.577	11.1	21.7
3 12	8 46.40	+14 3.3	1.757	2.586	14.8	21.9

35527 1998 FG_{68} 2 5.9 206°.90 3°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.87	+26 24.8	3.113	3.923	9.1	19.8
1 12	9 34.46	+27 2.4	3.026	3.918	6.9	19.7
1 22	9 27.48	+27 39.7	2.966	3.911	4.6	19.5
2 1	9 19.40	+28 12.7	2.936	3.905	3.1	19.4
2 11	9 10.90	+28 37.6	2.937	3.898	3.8	19.5
2 21	9 2.71	+28 52.0	2.969	3.890	6.1	19.6
3 2	8 55.52	+28 54.6	3.028	3.882	8.4	19.7
3 12	8 49.87	+28 45.9	3.112	3.874	10.6	19.9

464095 2014 WJ_{384} 2 5.9 30°.72 5°.4/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.38	+ 2 56.2	1.563	2.352	17.6	20.5
1 12	9 35.08	+ 2 21.1	1.493	2.361	14.2	20.3
1 22	9 28.28	+ 2 5.7	1.444	2.371	10.3	20.1
2 1	9 19.73	+ 2 10.5	1.419	2.381	6.7	19.9
2 11	9 10.58	+ 2 33.2	1.421	2.392	5.4	19.9
2 21	9 2.07	+ 3 8.8	1.449	2.403	7.9	20.1
3 2	8 55.30	+ 3 51.3	1.502	2.415	11.6	20.3
3 12	8 51.06	+ 4 34.1	1.577	2.428	15.1	20.6

451684 2013 BV_{63} 2 5.9 356°.54 1°.1/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 36.70	+15 5.5	1.096	1.950	19.2	21.1
1 12	9 34.20	+15 43.5	1.029	1.945	14.6	20.8
1 22	9 28.31	+16 38.7	0.982	1.941	9.0	20.5
2 1	9 19.86	+17 44.1	0.957	1.939	3.0	20.1
2 11	9 10.41	+18 49.1	0.956	1.938	3.8	20.2
2 21	9 1.73	+19 44.2	0.978	1.939	9.8	20.5
3 2	8 55.45	+20 22.4	1.023	1.940	15.3	20.8
3 12	8 52.62	+20 41.2	1.086	1.943	19.9	21.1

258357 2001 WM_{44} 2 5.9 59°.34 2°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.50	+20 2.2	1.694	2.524	14.6	20.2
1 12	9 35.91	+21 0.9	1.629	2.534	10.9	20.0
1 22	9 28.78	+22 6.5	1.588	2.543	6.8	19.7
2 1	9 19.90	+23 11.8	1.573	2.552	3.2	19.5
2 11	9 10.42	+24 8.9	1.587	2.562	4.4	19.6
2 21	9 1.60	+24 52.0	1.629	2.572	8.3	19.9
3 2	8 54.57	+25 18.0	1.696	2.582	12.2	20.1
3 12	8 50.09	+25 27.0	1.784	2.592	15.5	20.4

310888 2003 QD_{45} 2 5.9 147°.56 0°.0/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.58	+12 46.5	2.121	2.919	13.3	21.9
1 12	9 36.94	+13 31.8	2.045	2.931	10.0	21.7
1 22	9 29.20	+14 28.1	1.994	2.942	6.2	21.5
2 1	9 20.01	+15 31.0	1.971	2.953	2.1	21.3
2 11	9 10.30	+16 34.5	1.980	2.962	2.1	21.3
2 21	9 1.08	+17 33.1	2.018	2.971	6.2	21.6
3 2	8 53.28	+18 22.6	2.086	2.979	9.9	21.8
3 12	8 47.57	+19 0.6	2.177	2.987	13.0	22.0

463932 2014 UB_{184} 2 5.9 87°.06 2°.8/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.44	+ 6 25.5	1.845	2.634	15.3	21.5
1 12	9 35.51	+ 6 31.4	1.775	2.649	11.9	21.3
1 22	9 28.37	+ 6 53.4	1.727	2.664	8.1	21.1
2 1	9 19.74	+ 7 29.3	1.706	2.679	4.2	20.9
2 11	9 10.62	+ 8 14.8	1.713	2.693	3.1	20.8
2 21	9 2.08	+ 9 4.6	1.749	2.708	6.4	21.1
3 2	8 55.09	+ 9 53.2	1.813	2.722	10.2	21.3
3 12	8 50.33	+10 36.3	1.899	2.736	13.5	21.6

268074 2004 RR_{81} 2 5.9 111°.19 0°.6/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 42.24	+16 25.7	2.111	2.919	12.9	21.3
1 12	9 36.64	+16 44.6	2.040	2.932	9.7	21.1
1 22	9 28.97	+17 10.2	1.994	2.945	6.0	20.9
2 1	9 19.92	+17 38.5	1.976	2.958	2.0	20.7
2 11	9 10.45	+18 5.1	1.988	2.970	2.3	20.7
2 21	9 1.54	+18 26.3	2.030	2.982	6.2	21.0
3 2	8 54.09	+18 39.6	2.099	2.993	9.8	21.2
3 12	8 48.76	+18 44.0	2.193	3.005	12.8	21.4

104525 2000 GA_{51} 2 5.9 277°.67 5°.1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.79	+29 40.7	2.178	3.002	12.0	20.2
1 12	9 36.57	+30 35.6	2.105	3.000	9.3	20.0
1 22	9 29.08	+31 28.4	2.057	2.998	6.6	19.9
2 1	9 20.00	+32 12.3	2.036	2.996	5.2	19.8
2 11	9 10.35	+32 41.4	2.045	2.994	6.2	19.8
2 21	9 1.23	+32 52.3	2.081	2.992	8.8	20.0
3 2	8 53.66	+32 44.5	2.142	2.990	11.6	20.1
3 12	8 48.36	+32 19.8	2.226	2.988	14.2	20.3

195511 2002 HV_{5} 2 5.9 9°.09 1°.7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.71	+10 39.9	1.162	2.000	19.4	19.7
1 12	9 34.67	+10 46.5	1.096	2.001	15.0	19.4
1 22	9 28.43	+11 12.5	1.050	2.003	9.7	19.1
2 1	9 19.88	+11 54.2	1.026	2.007	4.0	18.8
2 11	9 10.47	+12 44.3	1.027	2.011	3.1	18.8
2 21	9 1.85	+13 34.6	1.053	2.017	8.7	19.1
3 2	8 55.49	+14 17.8	1.101	2.024	13.9	19.4
3 12	8 52.35	+14 49.2	1.169	2.031	18.4	19.7

182714 2001 WN_{25} 2 5.9 64°.15 1°.0/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 40.01	+11 22.9	1.739	2.550	15.2	20.8
1 12	9 35.40	+11 41.6	1.666	2.557	11.6	20.6
1 22	9 28.42	+12 13.5	1.616	2.565	7.4	20.3
2 1	9 19.79	+12 55.1	1.593	2.573	2.8	20.1
2 11	9 10.58	+13 40.9	1.597	2.581	2.3	20.0
2 21	9 1.94	+14 25.3	1.630	2.589	6.8	20.3
3 2	8 54.95	+15 3.5	1.689	2.597	10.9	20.6
3 12	8 50.34	+15 32.4	1.772	2.605	14.5	20.8

282505 2004 PA_{102} 2 5.9 133°.76 0°.9/ 6.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.44	+11 17.3	1.929	2.724	14.5	21.0
1 12	9 38.44	+11 39.9	1.857	2.740	11.0	20.8
1 22	9 30.17	+12 14.6	1.809	2.755	7.0	20.6
2 1	9 20.35	+12 57.7	1.789	2.769	2.7	20.4
2 11	9 10.03	+13 43.8	1.799	2.783	2.2	20.3
2 21	9 0.31	+14 27.8	1.839	2.795	6.4	20.6
3 2	8 52.20	+15 5.7	1.907	2.807	10.3	20.9
3 12	8 46.41	+15 34.6	1.999	2.818	13.6	21.1

372012 2008 KN_{24} 2 5.9 260°.91 1°.9/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.84	+ 6 46.4	1.993	2.784	14.3	21.0
1 12	9 33.73	+ 7 25.8	1.893	2.770	11.1	20.8
1 22	9 27.44	+ 8 23.4	1.817	2.757	7.4	20.5
2 1	9 19.51	+ 9 36.3	1.767	2.743	3.5	20.3
2 11	9 10.81	+10 59.0	1.747	2.730	2.5	20.2
2 21	9 2.38	+12 24.8	1.757	2.716	6.3	20.4
3 2	8 55.21	+13 46.7	1.794	2.701	10.4	20.6
3 12	8 50.13	+14 59.2	1.856	2.687	14.0	20.8

117023 2004 JY_{10} 2 5.9 185°.38 5°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.61	+32 57.2	2.833	3.649	9.8	20.0
1 12	9 34.59	+34 17.5	2.763	3.649	7.7	19.9
1 22	9 27.72	+35 34.7	2.720	3.648	6.0	19.8
2 1	9 19.54	+36 42.6	2.706	3.648	5.3	19.7
2 11	9 10.83	+37 35.9	2.722	3.647	6.3	19.8
2 21	9 2.46	+38 11.3	2.766	3.645	8.2	19.9
3 2	8 55.24	+38 28.0	2.836	3.644	10.3	20.0
3 12	8 49.84	+38 27.2	2.928	3.642	12.1	20.2

93279 2000 SU_{181} 2 5.9 185°.38 4°.9/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 46.35	+27 11.1	2.056	2.874	12.9	19.9
1 12	9 40.14	+28 20.3	1.981	2.875	9.8	19.7
1 22	9 31.39	+29 30.1	1.930	2.875	6.8	19.5
2 1	9 20.82	+30 32.4	1.909	2.873	4.9	19.4
2 11	9 9.55	+31 20.0	1.916	2.871	6.1	19.5
2 21	8 58.81	+31 48.3	1.953	2.868	9.1	19.7
3 2	8 49.76	+31 56.1	2.016	2.865	12.2	19.8
3 12	8 43.23	+31 45.3	2.100	2.860	15.0	20.0

176759 2002 RR_{141} 2 5.9 55°.34 0°.1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.65	+13 10.6	1.427	2.252	17.2	20.0
1 12	9 36.88	+13 51.2	1.376	2.276	12.9	19.8
1 22	9 29.39	+14 45.8	1.347	2.300	7.9	19.6
2 1	9 20.10	+15 48.1	1.343	2.325	2.6	19.4
2 11	9 10.37	+16 49.9	1.367	2.350	2.7	19.4
2 21	9 1.54	+17 44.2	1.418	2.375	7.7	19.8
3 2	8 54.78	+18 26.0	1.494	2.401	12.2	20.1
3 12	8 50.79	+18 53.4	1.592	2.426	15.8	20.4

245540 2005 TX_{75} 2 5.9 122°.32 5°.9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 49.63	+28 13.1	1.611	2.438	15.4	20.2
1 12	9 42.97	+29 17.4	1.555	2.452	11.8	20.0
1 22	9 33.24	+30 20.0	1.522	2.466	8.1	19.8
2 1	9 21.43	+31 10.9	1.515	2.480	5.9	19.7
2 11	9 9.03	+31 42.0	1.537	2.493	7.2	19.8
2 21	8 57.63	+31 49.7	1.585	2.505	10.5	20.1
3 2	8 48.55	+31 34.4	1.659	2.517	13.9	20.3
3 12	8 42.62	+31 0.3	1.753	2.528	17.0	20.5

101110 1998 RV_{48} 2 5.9 68°.87 1°.3/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.08	+10 58.9	1.629	2.440	16.0	19.9
1 12	9 36.34	+11 11.9	1.557	2.448	12.2	19.6
1 22	9 29.08	+11 39.2	1.508	2.456	7.9	19.4
2 1	9 20.04	+12 17.0	1.485	2.464	3.2	19.1
2 11	9 10.38	+13 0.1	1.489	2.472	2.5	19.1
2 21	9 1.36	+13 42.5	1.521	2.481	7.1	19.4
3 2	8 54.10	+14 19.2	1.580	2.489	11.4	19.7
3 12	8 49.40	+14 46.9	1.660	2.497	15.1	19.9

156499 2002 CD_{138} 2 5.9 358°.55 2°.8/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 37.97	+ 7 30.5	1.636	2.442	16.2	19.8
1 12	9 34.08	+ 7 28.9	1.556	2.440	12.7	19.5
1 22	9 27.73	+ 7 44.1	1.497	2.439	8.6	19.3
2 1	9 19.61	+ 8 14.3	1.464	2.438	4.4	19.1
2 11	9 10.79	+ 8 55.4	1.457	2.438	3.3	19.0
2 21	9 2.47	+ 9 41.7	1.478	2.439	7.1	19.2
3 2	8 55.78	+10 27.2	1.524	2.440	11.3	19.5
3 12	8 51.54	+11 7.0	1.593	2.441	15.1	19.7

108420 2001 KE_{36} 2 5.9 159°.68 2°.5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 42.37	+ 7 42.6	1.518	2.321	17.4	19.8
1 12	9 37.57	+ 7 54.7	1.440	2.324	13.5	19.6
1 22	9 30.00	+ 8 25.6	1.384	2.326	9.0	19.3
2 1	9 20.40	+ 9 12.8	1.352	2.328	4.3	19.1
2 11	9 10.00	+10 10.3	1.348	2.330	3.1	19.0
2 21	9 0.18	+11 11.0	1.372	2.332	7.6	19.3
3 2	8 52.24	+12 8.1	1.421	2.333	12.2	19.5
3 12	8 47.06	+12 56.3	1.493	2.334	16.3	19.8

400812 2010 GH_{160} 2 5.9 270°.05 15°.9/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.52	−20 31.1	1.717	2.358	21.4	20.8
1 12	9 37.12	−22 31.1	1.628	2.345	19.8	20.6
1 22	9 29.92	−24 2.6	1.554	2.333	18.2	20.4
2 1	9 20.47	−24 56.6	1.498	2.320	16.8	20.3
2 11	9 9.83	−25 7.1	1.461	2.307	15.9	20.2
2 21	8 59.35	−24 33.2	1.445	2.293	16.1	20.2
3 2	8 50.44	−23 19.7	1.450	2.280	17.1	20.2
3 12	8 44.22	−21 37.1	1.473	2.267	18.8	20.3

419822 2010 XE_{23} 2 5.9 144°.72 1°.4/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 41.08	+17 18.9	1.803	2.625	14.3	21.9
1 12	9 36.27	+17 57.1	1.726	2.626	10.7	21.7
1 22	9 29.02	+18 43.9	1.673	2.627	6.6	21.4
2 1	9 20.04	+19 34.0	1.646	2.628	2.4	21.1
2 11	9 10.40	+20 20.7	1.649	2.629	3.2	21.2
2 21	9 1.30	+20 58.7	1.679	2.630	7.4	21.5
3 2	8 53.84	+21 24.4	1.736	2.631	11.5	21.7
3 12	8 48.81	+21 36.7	1.816	2.631	14.9	21.9

55780 1993 FQ_{34} 2 5.9 294°.33 4°.3/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 44.21	+23 7.2	1.392	2.232	16.7	19.4
1 12	9 39.52	+23 54.3	1.315	2.223	12.7	19.1
1 22	9 31.51	+24 47.0	1.259	2.213	8.2	18.8
2 1	9 20.98	+25 36.4	1.227	2.204	4.5	18.6
2 11	9 9.41	+26 13.0	1.223	2.195	5.9	18.6
2 21	8 58.52	+26 30.6	1.244	2.186	10.5	18.8
3 2	8 49.88	+26 26.9	1.289	2.177	15.1	19.1
3 12	8 44.58	+26 3.7	1.353	2.168	19.1	19.3

126843 2002 EV_{66} 2 5.9 82°.13 1°.4/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.57	+ 9 48.4	1.928	2.728	14.3	19.9
1 12	9 34.83	+10 5.5	1.855	2.739	11.0	19.7
1 22	9 27.97	+10 35.8	1.806	2.751	7.1	19.5
2 1	9 19.64	+11 16.3	1.784	2.762	3.0	19.3
2 11	9 10.83	+12 2.2	1.790	2.773	2.3	19.2
2 21	9 2.54	+12 48.4	1.826	2.784	6.2	19.5
3 2	8 55.72	+13 30.2	1.889	2.795	10.0	19.8
3 12	8 51.06	+14 4.3	1.975	2.806	13.3	20.0

184851 2005 UT_{53} 2 5.9 138°.22 1°.9/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 2	9 39.56	+ 7 40.3	2.097	2.885	13.7	20.8
1 12	9 34.72	+ 8 1.7	2.017	2.892	10.6	20.6
1 22	9 27.86	+ 8 37.4	1.960	2.900	7.1	20.4
2 1	9 19.61	+ 9 24.7	1.931	2.906	3.4	20.2
2 11	9 10.85	+10 19.3	1.932	2.913	2.4	20.1
2 21	9 2.52	+11 15.8	1.962	2.919	5.9	20.4
3 2	8 55.52	+12 9.3	2.020	2.925	9.5	20.6
3 12	8 50.51	+12 55.9	2.102	2.931	12.7	20.8

153810 2001 VK_{119} 2 5.9 145°.36 1°.3/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.59	+10 8.0	2.339	3.126	12.5	20.9
1 12	9 36.00	+10 19.3	2.260	3.136	9.6	20.7
1 22	9 28.54	+10 41.0	2.205	3.147	6.2	20.5
2 1	9 19.82	+11 10.7	2.179	3.156	2.7	20.3
2 11	9 10.66	+11 44.7	2.183	3.165	2.0	20.2
2 21	9 1.93	+12 19.3	2.218	3.174	5.5	20.5
3 2	8 54.47	+12 50.8	2.281	3.182	8.8	20.7
3 12	8 48.88	+13 16.8	2.370	3.189	11.7	20.9

200351 2000 KN_{34} 2 5.9 205°.23 4°.0/ 3.2 18

1 2	9 44.20	+22 35.7	1.735	2.562	14.5	20.8
1 12	9 38.92	+23 46.4	1.657	2.559	10.9	20.5
1 22	9 30.84	+25 3.3	1.603	2.555	7.1	20.3
2 1	9 20.71	+26 17.8	1.576	2.550	4.1	20.1
2 11	9 9.72	+27 21.1	1.577	2.545	5.5	20.2
2 21	8 59.26	+28 6.5	1.607	2.539	9.3	20.4
3 2	8 50.62	+28 31.3	1.662	2.533	13.2	20.6
3 12	8 44.74	+28 36.1	1.738	2.527	16.6	20.8

151012 2001 US_{92} 2 5.9 26°.24 3°.5/ 3.6 18

1 2	9 40.09	+21 26.2	1.600	2.437	15.0	19.5
1 12	9 35.83	+22 26.6	1.533	2.441	11.3	19.3
1 22	9 28.87	+23 33.5	1.490	2.445	7.1	19.0
2 1	9 20.01	+24 38.7	1.472	2.450	3.7	18.8
2 11	9 10.47	+25 33.8	1.482	2.455	5.0	18.9
2 21	9 1.59	+26 12.9	1.520	2.460	9.0	19.2
3 2	8 54.60	+26 33.1	1.581	2.466	13.0	19.4
3 12	8 50.31	+26 34.7	1.664	2.473	16.4	19.7

104852 2000 HJ_{75} 2 5.9 214°.26 2°.0/ 4.3 18

1 2	9 41.66	+19 28.8	2.341	3.152	11.8	20.8
1 12	9 36.31	+20 16.5	2.249	3.144	8.8	20.5
1 22	9 28.90	+21 10.2	2.183	3.135	5.5	20.3
2 1	9 20.00	+22 4.8	2.146	3.126	2.4	20.1
2 11	9 10.45	+22 54.7	2.140	3.116	3.3	20.1
2 21	9 1.23	+23 35.4	2.164	3.105	6.7	20.3
3 2	8 53.26	+24 3.8	2.216	3.094	10.1	20.5
3 12	8 47.27	+24 19.2	2.292	3.082	13.0	20.7

131924 2002 CT_1 2 5.9 109°.52 3°.0/ 4.4 18

1 2	9 47.51	+21 57.3	1.609	2.433	15.6	19.5
1 12	9 41.23	+22 28.5	1.546	2.446	11.7	19.3
1 22	9 32.12	+23 3.3	1.506	2.459	7.3	19.1
2 1	9 21.07	+23 34.7	1.493	2.471	3.5	18.9
2 11	9 9.47	+23 56.0	1.508	2.483	4.5	19.0
2 21	8 58.75	+24 3.4	1.551	2.495	8.6	19.2
3 2	8 50.17	+23 55.6	1.620	2.506	12.7	19.5
3 12	8 44.50	+23 34.3	1.711	2.517	16.1	19.7

211552 2003 SO_{52} 2 5.9 74°.43 4°.4/ 3.5 18

1 2	9 45.50	+24 20.6	1.519	2.353	15.8	19.9
1 12	9 39.89	+25 12.9	1.464	2.369	11.9	19.7
1 22	9 31.34	+26 7.2	1.431	2.384	7.7	19.5
2 1	9 20.81	+26 54.8	1.425	2.399	4.6	19.4
2 11	9 9.74	+27 27.9	1.446	2.414	5.8	19.5
2 21	8 59.61	+27 42.0	1.493	2.429	9.6	19.7
3 2	8 51.71	+27 36.6	1.566	2.444	13.5	20.0
3 12	8 46.80	+27 13.9	1.658	2.459	16.8	20.2

323498 2004 QE_1 2 5.9 257°.41 6°.5/12.2 17

1 2	9 39.13	− 8 56.7	2.547	3.237	14.0	22.6
1 12	9 34.37	− 8 46.3	2.421	3.210	12.1	22.4
1 22	9 27.72	− 8 13.0	2.315	3.182	9.8	22.2
2 1	9 19.63	− 7 15.2	2.235	3.153	7.7	22.0
2 11	9 10.78	− 5 54.1	2.183	3.124	6.5	21.9
2 21	9 2.00	− 4 13.5	2.161	3.093	7.3	21.9
3 2	8 54.14	− 2 20.0	2.169	3.062	9.6	21.9
3 12	8 47.93	− 0 21.4	2.205	3.030	12.3	22.1

90188 2003 AY_{38} 2 5.9 291°.50 0°.4/ 5.7 18

1 2	9 37.56	+12 13.0	1.752	2.569	14.8	19.2
1 12	9 33.84	+13 18.5	1.661	2.557	11.3	18.9
1 22	9 27.68	+14 41.1	1.592	2.545	7.0	18.7
2 1	9 19.66	+16 15.4	1.551	2.533	2.3	18.3
2 11	9 10.77	+17 53.1	1.538	2.521	2.7	18.3
2 21	9 2.20	+19 25.3	1.554	2.509	7.5	18.6
3 2	8 55.11	+20 44.9	1.597	2.497	11.9	18.8
3 12	8 50.41	+21 47.5	1.662	2.485	15.7	19.0

87016 2000 JJ_{62} 2 5.9 212°.14 4°.8/ 9.6 18

1 2	9 39.82	+ 0 18.9	2.243	2.994	14.1	20.3
1 12	9 34.91	+ 0 6.1	2.146	2.989	11.5	20.1
1 22	9 28.02	+ 0 10.2	2.071	2.982	8.6	19.9
2 1	9 19.71	+ 0 31.6	2.023	2.976	5.8	19.8
2 11	9 10.77	+ 1 8.2	2.003	2.968	4.8	19.7
2 21	9 2.12	+ 1 56.3	2.012	2.960	6.6	19.8
3 2	8 54.64	+ 2 50.9	2.049	2.952	9.5	19.9
3 12	8 49.04	+ 3 46.6	2.112	2.943	12.5	20.1

312132 2007 TY_{271} 2 5.9 30°.36 0°.6/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 2	9 41.28	+12 42.7	1.478	2.300	16.8	21.6
1 12	9 36.81	+12 57.3	1.405	2.303	12.8	21.3
1 22	9 29.54	+13 25.9	1.354	2.306	8.1	21.0
2 1	9 20.26	+14 4.2	1.328	2.309	2.9	20.7
2 11	9 10.25	+14 46.0	1.329	2.313	2.6	20.7
2 21	9 0.89	+15 25.1	1.357	2.316	7.7	21.0
3 2	8 53.48	+15 56.4	1.410	2.320	12.4	21.3
3 12	8 48.87	+16 16.8	1.485	2.325	16.4	21.6

7129 1991 VE_1 2 5.9 136°.50 5°.6/10.4 18

1 2	9 39.85	− 2 6.6	2.258	2.996	14.4	18.2
1 12	9 34.79	− 2 30.0	2.176	3.005	11.9	18.0
1 22	9 27.86	− 2 35.4	2.115	3.014	9.1	17.8
2 1	9 19.62	− 2 22.4	2.080	3.022	6.6	17.7
2 11	9 10.90	− 1 52.6	2.074	3.030	5.6	17.6
2 21	9 2.58	− 1 9.4	2.096	3.038	6.9	17.7
3 2	8 55.48	− 0 17.8	2.146	3.045	9.4	17.9
3 12	8 50.24	+ 0 36.7	2.221	3.052	12.0	18.1

467599 2007 VD_{251} 2 5.9 111°.05 4°.4/ 1.8 18

1 2	9 40.30	+28 11.0	2.458	3.279	10.9	21.0
1 12	9 35.16	+29 17.4	2.396	3.290	8.3	20.9
1 22	9 28.09	+30 22.8	2.359	3.302	5.8	20.7
2 1	9 19.69	+31 20.8	2.351	3.313	4.4	20.6
2 11	9 10.86	+32 6.2	2.373	3.323	5.4	20.7
2 21	9 2.51	+32 35.4	2.424	3.334	7.8	20.9
3 2	8 55.49	+32 47.5	2.501	3.344	10.3	21.1
3 12	8 50.43	+32 43.6	2.600	3.354	12.6	21.2

218023 2001 YL_{45} 2 5.9 168°.13 5°.4/ 9.7 18

1 2	9 41.43	− 0 12.4	2.178	2.925	14.5	20.3
1 12	9 36.08	− 0 48.4	2.090	2.928	12.0	20.2
1 22	9 28.73	− 1 8.0	2.024	2.930	9.1	20.0
2 1	9 19.94	− 1 10.3	1.985	2.932	6.5	19.8
2 11	9 10.59	− 0 56.3	1.974	2.934	5.5	19.8
2 21	9 1.62	− 0 29.1	1.992	2.935	7.0	19.9
3 2	8 53.93	+ 0 7.0	2.038	2.936	9.8	20.0
3 12	8 48.20	+ 0 47.0	2.108	2.937	12.6	20.2

26205 Kuratowski 2 5.9 139°.94 3°.5/ 2.9 18

1 2	9 41.66	+21 27.5	2.027	2.849	12.9	19.6
1 12	9 36.54	+22 55.6	1.958	2.858	9.6	19.4
1 22	9 29.13	+24 29.7	1.915	2.867	6.1	19.2
2 1	9 20.10	+26 1.8	1.901	2.875	3.6	19.0
2 11	9 10.45	+27 23.8	1.917	2.883	4.8	19.1
2 21	9 1.29	+28 29.6	1.962	2.891	8.2	19.3
3 2	8 53.65	+29 16.1	2.034	2.898	11.5	19.6
3 12	8 48.28	+29 43.2	2.128	2.904	14.3	19.8

200464 2000 WD_{134} 2 5.9 121°.56 0°.5/ 6.3 18

1 2	9 45.50	+13 29.3	1.769	2.574	15.2	20.0
1 12	9 39.44	+13 37.0	1.699	2.588	11.5	19.8
1 22	9 30.91	+13 54.9	1.652	2.601	7.2	19.6
2 1	9 20.68	+14 19.4	1.633	2.614	2.6	19.3
2 11	9 9.93	+14 45.5	1.642	2.626	2.3	19.3
2 21	8 59.87	+15 8.8	1.681	2.637	6.9	19.6
3 2	8 51.60	+15 26.0	1.747	2.649	11.0	19.9
3 12	8 45.86	+15 35.3	1.836	2.659	14.5	20.2

235673 2004 RO_{264} 2 5.9 219°.42 1°.6/ 4.9 18

1 2	9 44.87	+17 45.4	1.868	2.682	14.2	22.0
1 12	9 39.22	+18 22.0	1.778	2.673	10.7	21.8
1 22	9 30.97	+19 7.1	1.711	2.664	6.7	21.5
2 1	9 20.78	+19 55.1	1.672	2.653	2.4	21.2
2 11	9 9.75	+20 39.5	1.663	2.642	3.3	21.2
2 21	8 59.14	+21 14.9	1.683	2.631	7.7	21.5
3 2	8 50.15	+21 37.7	1.729	2.618	11.8	21.7
3 12	8 43.69	+21 47.0	1.799	2.605	15.4	21.9

335217 2005 FL_{11} 2 5.9 322°.75 4°.4/ 9.5 17

1 2	9 36.82	+ 1 15.9	2.214	2.976	13.9	20.8
1 12	9 32.64	+ 1 7.3	2.124	2.974	11.3	20.6
1 22	9 26.60	+ 1 15.4	2.056	2.973	8.3	20.4
2 1	9 19.24	+ 1 40.1	2.014	2.971	5.5	20.2
2 11	9 11.33	+ 2 19.0	2.001	2.969	4.4	20.2
2 21	9 3.76	+ 3 8.0	2.016	2.968	6.3	20.3
3 2	8 57.34	+ 4 2.3	2.059	2.966	9.2	20.4
3 12	8 52.75	+ 4 56.6	2.126	2.965	12.2	20.6

428414 2007 TS_{119} 2 6.0 337°.77 5°.1/10.0 17

1 2	9 36.83	− 0 37.6	2.253	3.005	14.0	20.9
1 12	9 32.62	− 0 58.1	2.162	3.003	11.5	20.7
1 22	9 26.58	− 1 1.5	2.094	3.001	8.7	20.5
2 1	9 19.23	− 0 47.5	2.051	3.000	6.2	20.3
2 11	9 11.35	− 0 17.6	2.037	2.998	5.1	20.3
2 21	9 3.79	+ 0 24.7	2.050	2.997	6.6	20.3
3 2	8 57.38	+ 1 14.6	2.091	2.996	9.3	20.5
3 12	8 52.75	+ 2 7.0	2.157	2.995	12.1	20.7