2020	α_{2000}	δ_{2000}	Δ	r	β	V
146324 2001 LY_{18}			2 26.0 160°.25		5°.6/ 2.6 18	
	h m	° ′			°	m
1 22	10 57.97	− 9 47.7	2.218	2.947	14.9	20.0
2 1	10 52.95	−10 4.8	2.130	2.953	12.4	19.8
2 11	10 46.00	−10 1.4	2.062	2.958	9.6	19.7
2 21	10 37.69	− 9 37.0	2.020	2.963	7.0	19.5
3 2	10 28.83	− 8 53.6	2.005	2.967	5.6	19.4
3 12	10 20.34	− 7 55.9	2.019	2.970	6.7	19.5
3 22	10 13.08	− 6 50.2	2.061	2.974	9.3	19.7
4 1	10 7.67	− 5 43.0	2.128	2.976	12.1	19.8
221186 2005 UD_{30}			2 26.0 62°.92		6°.4/20.7 18	
1 22	11 0.74	+23 38.6	1.679	2.522	14.2	19.8
2 1	10 55.45	+24 48.2	1.631	2.538	10.8	19.7
2 11	10 47.65	+25 55.1	1.606	2.554	7.8	19.5
2 21	10 38.22	+26 50.1	1.608	2.570	6.4	19.5
3 2	10 28.38	+27 25.4	1.637	2.587	7.9	19.6
3 12	10 19.41	+27 36.8	1.691	2.603	10.8	19.8
3 22	10 12.34	+27 24.4	1.770	2.620	13.9	20.0
4 1	10 7.82	+26 50.8	1.868	2.636	16.6	20.2
190161 2005 TJ_{174}			2 26.0 125°.65		1°.0/26.9 18	
1 22	11 4.16	+ 3 14.7	2.176	2.956	13.6	21.4
2 1	10 57.33	+ 3 42.2	2.108	2.984	10.3	21.3
2 11	10 48.54	+ 4 22.8	2.066	3.009	6.6	21.1
2 21	10 38.50	+ 5 12.7	2.052	3.034	2.7	20.9
3 2	10 28.10	+ 6 6.9	2.070	3.057	2.0	20.8
3 12	10 18.33	+ 6 59.5	2.118	3.079	5.7	21.1
3 22	10 10.01	+ 7 45.8	2.196	3.099	9.3	21.4
4 1	10 3.72	+ 8 22.6	2.299	3.118	12.3	21.6
431793 2008 QX_{3}			2 26.0 236°.99		5°.9/27.7 18	
1 22	11 15.47	+ 2 15.6	1.163	1.965	21.8	21.0
2 1	11 8.10	+ 0 33.5	1.078	1.958	17.5	20.6
2 11	10 56.51	− 0 57.7	1.013	1.951	12.5	20.3
2 21	10 41.53	− 2 14.2	0.971	1.944	7.5	20.0
3 2	10 24.89	− 3 13.0	0.956	1.936	6.3	19.9
3 12	10 8.92	− 3 54.4	0.968	1.928	10.8	20.1
3 22	9 55.69	− 4 22.1	1.004	1.919	16.3	20.4
4 1	9 46.57	− 4 42.3	1.059	1.910	21.2	20.7
469507 2003 HK_{8}			2 26.0 262°.16		1°.7/24.2 17	
1 22	10 56.16	+13 24.6	2.672	3.489	10.3	21.2
2 1	10 51.38	+13 53.3	2.572	3.472	7.7	21.0
2 11	10 44.95	+14 27.1	2.499	3.455	4.8	20.8
2 21	10 37.33	+15 2.1	2.454	3.437	2.0	20.6
3 2	10 29.20	+15 34.1	2.440	3.420	2.9	20.6
3 12	10 21.33	+15 59.0	2.455	3.402	6.0	20.8
3 22	10 14.42	+16 14.2	2.499	3.384	9.0	20.9
4 1	10 9.06	+16 18.0	2.567	3.366	11.7	21.1
378890 2008 UK_{7}			2 26.0 196°.07		7°.1/15.9 17	
1 22	11 1.06	+34 30.6	2.847	3.659	9.9	21.4
2 1	10 55.12	+35 54.4	2.785	3.655	8.3	21.3
2 11	10 47.27	+37 10.6	2.750	3.651	7.3	21.2
2 21	10 38.11	+38 12.4	2.742	3.646	7.3	21.2
3 2	10 28.45	+38 54.2	2.763	3.640	8.3	21.3
3 12	10 19.20	+39 13.4	2.810	3.634	10.0	21.4
3 22	10 11.20	+39 10.0	2.880	3.627	11.7	21.5
4 1	10 5.06	+38 46.3	2.970	3.619	13.3	21.6
494709 2005 LP_{19}			2 26.0 180°.89		0°.3/26.4 17	
1 22	10 57.51	+ 4 51.4	2.383	3.178	12.1	22.8
2 1	10 52.46	+ 5 32.1	2.295	3.180	9.2	22.6
2 11	10 45.63	+ 6 25.3	2.231	3.180	5.8	22.4
2 21	10 37.57	+ 7 26.9	2.196	3.181	2.1	22.2
3 2	10 29.00	+ 8 32.0	2.192	3.180	1.8	22.1
3 12	10 20.79	+ 9 34.6	2.219	3.179	5.6	22.4
3 22	10 13.69	+10 30.0	2.274	3.176	9.0	22.6
4 1	10 8.30	+11 14.5	2.354	3.173	12.0	22.8
225272 2009 SE_{76}			2 26.0 214°.82		3°.6/22.6 18	
1 22	10 58.22	+16 52.9	2.002	2.835	12.7	20.8
2 1	10 53.38	+17 50.3	1.924	2.831	9.5	20.6
2 11	10 46.37	+18 52.5	1.872	2.828	6.1	20.4
2 21	10 37.85	+19 52.7	1.846	2.824	3.7	20.2
3 2	10 28.73	+20 43.8	1.850	2.820	5.1	20.3
3 12	10 20.08	+21 19.9	1.882	2.816	8.4	20.5
3 22	10 12.85	+21 38.2	1.939	2.812	11.8	20.7
4 1	10 7.74	+21 38.3	2.019	2.807	14.8	20.9
307597 2003 OA_{32}			2 26.0 146°.51		2°.4/27.9 18	
1 22	11 0.69	+ 0 54.0	1.866	2.654	15.2	21.0
2 1	10 55.22	+ 0 57.2	1.787	2.662	11.9	20.8
2 11	10 47.51	+ 1 16.9	1.730	2.670	8.0	20.6
2 21	10 38.23	+ 1 50.7	1.700	2.678	4.0	20.4
3 2	10 28.36	+ 2 34.2	1.699	2.684	2.8	20.3
3 12	10 19.04	+ 3 21.3	1.726	2.691	6.4	20.5
3 22	10 11.22	+ 4 6.1	1.781	2.696	10.3	20.8
4 1	10 5.63	+ 4 43.7	1.860	2.702	13.8	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
228377 2000 WM_{71}			2 26.0 149°.99		4°.6/ 1.8 18	
	h m	° ′			°	m
1 22	10 57.64	− 7 25.7	2.417	3.154	13.6	21.6
2 1	10 52.51	− 7 37.7	2.330	3.162	11.1	21.4
2 11	10 45.64	− 7 32.0	2.265	3.170	8.4	21.3
2 21	10 37.57	− 7 8.9	2.226	3.178	5.8	21.1
3 2	10 29.02	− 6 30.7	2.217	3.185	4.6	21.0
3 12	10 20.85	− 5 41.5	2.237	3.191	5.9	21.1
3 22	10 13.79	− 4 46.8	2.285	3.197	8.5	21.3
4 1	10 8.43	− 3 52.0	2.358	3.203	11.2	21.5
182954 2002 JH_{1}			2 26.0 241°.07		4°.8/ 3.4 17	
1 22	10 51.86	−11 27.7	2.978	3.688	11.8	20.4
2 1	10 48.02	−11 27.6	2.872	3.680	9.9	20.3
2 11	10 42.80	−11 10.4	2.787	3.672	7.8	20.1
2 21	10 36.60	−10 36.1	2.729	3.663	5.9	20.0
3 2	10 29.98	− 9 46.3	2.699	3.655	4.8	19.9
3 12	10 23.57	− 8 44.5	2.697	3.646	5.4	19.9
3 22	10 17.95	− 7 35.5	2.725	3.637	7.3	20.0
4 1	10 13.62	− 6 24.4	2.779	3.627	9.5	20.1
141546 2002 GD_{45}			2 26.0 57°.99		1°.9/24.4 18	
1 22	10 58.47	+12 32.7	1.848	2.676	13.7	20.1
2 1	10 53.59	+13 2.6	1.776	2.681	10.2	19.8
2 11	10 46.49	+13 39.8	1.728	2.686	6.3	19.6
2 21	10 37.89	+14 18.9	1.707	2.692	2.5	19.4
3 2	10 28.75	+14 53.9	1.715	2.697	3.5	19.5
3 12	10 20.21	+15 19.2	1.751	2.703	7.5	19.7
3 22	10 13.19	+15 31.7	1.812	2.708	11.3	20.0
4 1	10 8.38	+15 30.0	1.896	2.714	14.5	20.2
431229 2006 SJ_{330}			2 26.0 163°.69		3°.4/ 1.4 17	
1 22	10 52.57	− 6 26.3	2.648	3.394	12.3	21.6
2 1	10 48.63	− 6 4.0	2.554	3.397	10.0	21.4
2 11	10 43.20	− 5 24.3	2.484	3.399	7.3	21.3
2 21	10 36.74	− 4 28.7	2.441	3.401	4.7	21.1
3 2	10 29.87	− 3 20.4	2.427	3.403	3.4	21.0
3 12	10 23.30	− 2 4.4	2.443	3.404	5.0	21.1
3 22	10 17.65	− 0 46.5	2.488	3.405	7.6	21.3
4 1	10 13.44	+ 0 28.0	2.559	3.407	10.3	21.5
430892 2005 QT_{188}			2 26.0 244°.30		1°.1/27.4 17	
1 22	10 53.20	+ 2 7.7	2.795	3.579	10.8	22.1
2 1	10 49.10	+ 2 41.1	2.688	3.565	8.3	21.9
2 11	10 43.52	+ 3 27.0	2.607	3.550	5.5	21.7
2 21	10 36.87	+ 4 22.8	2.555	3.535	2.4	21.4
3 2	10 29.73	+ 5 24.7	2.533	3.520	1.6	21.4
3 12	10 22.81	+ 6 27.8	2.541	3.504	4.7	21.6
3 22	10 16.72	+ 7 27.5	2.579	3.488	7.8	21.7
4 1	10 12.00	+ 8 19.9	2.643	3.472	10.6	21.9
164302 2004 YH_{21}			2 26.0 113°.88		1°.0/25.2 18	
1 22	11 0.03	+ 8 25.5	1.736	2.555	14.9	20.9
2 1	10 54.79	+ 9 13.9	1.671	2.571	11.1	20.7
2 11	10 47.24	+10 14.8	1.630	2.586	6.8	20.4
2 21	10 38.14	+11 21.9	1.616	2.601	2.2	20.2
3 2	10 28.53	+12 27.5	1.630	2.616	3.0	20.3
3 12	10 19.61	+13 24.3	1.674	2.630	7.4	20.6
3 22	10 12.34	+14 7.4	1.743	2.643	11.4	20.8
4 1	10 7.40	+14 34.3	1.835	2.656	14.8	21.1
333171 2012 CD_{51}			2 26.0 320°.73		0°.2/26.3 17	
1 22	10 51.07	+ 6 14.9	2.900	3.703	10.0	21.1
2 1	10 47.42	+ 6 41.7	2.807	3.697	7.5	20.9
2 11	10 42.41	+ 7 17.4	2.739	3.690	4.7	20.7
2 21	10 36.48	+ 7 59.1	2.699	3.684	1.7	20.5
3 2	10 30.17	+ 8 43.2	2.690	3.677	1.5	20.5
3 12	10 24.10	+ 9 25.7	2.710	3.671	4.6	20.7
3 22	10 18.86	+10 3.3	2.759	3.665	7.5	20.9
4 1	10 14.90	+10 33.1	2.834	3.659	10.0	21.0
372589 2009 UN_{121}			2 26.0 120°.40		1°.9/24.3 18	
1 22	10 59.21	+12 35.6	2.062	2.883	12.8	21.3
2 1	10 53.90	+13 11.3	1.992	2.894	9.5	21.1
2 11	10 46.57	+13 53.7	1.947	2.904	5.8	20.9
2 21	10 37.90	+14 37.5	1.930	2.914	2.3	20.7
3 2	10 28.79	+15 17.0	1.942	2.923	3.3	20.8
3 12	10 20.23	+15 47.0	1.983	2.933	7.0	21.0
3 22	10 13.08	+16 4.7	2.052	2.942	10.5	21.3
4 1	10 7.95	+16 8.8	2.143	2.950	13.4	21.5
91655 1999 TJ_{103}			2 26.0 112°.60		1°.1/27.0 18	
1 22	10 58.05	+ 4 6.8	2.168	2.964	13.1	20.1
2 1	10 52.92	+ 4 19.3	2.093	2.977	10.0	19.9
2 11	10 45.93	+ 4 43.9	2.043	2.989	6.4	19.7
2 21	10 37.68	+ 5 17.6	2.019	3.001	2.7	19.5
3 2	10 29.02	+ 5 56.0	2.026	3.013	1.9	19.5
3 12	10 20.84	+ 6 34.3	2.062	3.025	5.6	19.7
3 22	10 13.94	+ 7 8.0	2.125	3.036	9.1	20.0
4 1	10 8.90	+ 7 33.7	2.214	3.047	12.2	20.2

31586 1999 FA_{32} 2 26.0 258°.15 1°.4/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 53.81	+ 1 41.0	2.568	3.353	11.6	18.6
2 1	10 49.71	+ 2 7.1	2.461	3.337	9.0	18.4
2 11	10 43.97	+ 2 46.6	2.379	3.321	6.0	18.2
2 21	10 37.06	+ 3 37.2	2.325	3.304	2.8	17.9
3 2	10 29.60	+ 4 34.9	2.300	3.287	1.9	17.8
3 12	10 22.35	+ 5 34.8	2.306	3.270	5.0	18.0
3 22	10 16.02	+ 6 31.8	2.341	3.253	8.3	18.2
4 1	10 11.19	+ 7 21.8	2.401	3.235	11.3	18.4

191036 2002 CG_{19} 2 26.0 282°.84 2°.9/23.4 17

1 22	10 57.09	+14 15.7	1.898	2.731	13.2	19.8
2 1	10 52.79	+15 6.7	1.805	2.713	9.9	19.6
2 11	10 46.18	+16 5.9	1.737	2.695	6.2	19.3
2 21	10 37.87	+17 6.9	1.695	2.677	3.1	19.1
3 2	10 28.77	+18 2.4	1.682	2.659	4.5	19.1
3 12	10 20.03	+18 45.4	1.697	2.641	8.4	19.3
3 22	10 12.66	+19 11.7	1.738	2.623	12.3	19.5
4 1	10 7.49	+19 19.7	1.800	2.605	15.7	19.7

251378 2007 VF_{74} 2 26.0 293°.95 0°.3/26.3 18

1 22	10 56.97	+ 5 41.6	1.503	2.328	16.5	20.9
2 1	10 53.19	+ 6 6.6	1.412	2.313	12.7	20.6
2 11	10 46.69	+ 6 49.4	1.342	2.297	8.1	20.3
2 21	10 38.11	+ 7 45.6	1.297	2.282	2.9	20.0
3 2	10 28.53	+ 8 48.1	1.279	2.267	2.6	19.9
3 12	10 19.35	+ 9 48.2	1.287	2.252	8.0	20.2
3 22	10 11.84	+10 38.2	1.320	2.237	13.1	20.4
4 1	10 6.97	+11 12.9	1.374	2.222	17.4	20.6

302207 2001 UN_{142} 2 26.0 172°.40 0°.5/26.5 18

1 22	11 0.69	+ 4 40.0	1.982	2.780	14.1	22.5
2 1	10 55.18	+ 5 14.2	1.899	2.785	10.7	22.3
2 11	10 47.49	+ 6 2.8	1.839	2.789	6.8	22.1
2 21	10 38.28	+ 7 1.5	1.807	2.791	2.5	21.8
3 2	10 28.46	+ 8 4.5	1.806	2.793	2.1	21.8
3 12	10 19.12	+ 9 4.9	1.833	2.794	6.4	22.0
3 22	10 11.18	+ 9 57.1	1.889	2.794	10.4	22.3
4 1	10 5.37	+10 37.1	1.969	2.794	13.8	22.5

128217 2003 SN_{79} 2 26.0 278°.75 1°.1/25.2 17

1 22	11 1.11	+11 56.2	2.019	2.836	13.2	19.2
2 1	10 55.59	+12 0.0	1.924	2.823	9.9	18.9
2 11	10 47.82	+12 10.1	1.854	2.810	6.2	18.7
2 21	10 38.41	+12 22.4	1.812	2.797	2.2	18.4
3 2	10 28.30	+12 32.5	1.798	2.783	2.8	18.4
3 12	10 18.60	+12 36.2	1.814	2.770	7.0	18.6
3 22	10 10.28	+12 30.7	1.857	2.757	10.9	18.8
4 1	10 4.11	+12 14.7	1.924	2.743	14.3	19.0

366375 2000 SU_{190} 2 26.0 118°.37 2°.9/28.9 18

1 22	10 57.94	− 1 59.0	2.219	2.989	13.7	21.2
2 1	10 52.81	− 1 52.5	2.143	3.005	10.8	21.0
2 11	10 45.85	− 1 29.8	2.091	3.021	7.5	20.8
2 21	10 37.68	− 0 53.0	2.065	3.036	4.3	20.7
3 2	10 29.09	− 0 5.7	2.069	3.051	3.0	20.6
3 12	10 20.97	+ 0 46.8	2.102	3.065	5.5	20.8
3 22	10 14.10	+ 1 39.0	2.163	3.079	8.7	21.0
4 1	10 9.04	+ 2 26.1	2.250	3.092	11.7	21.2

52092 2083 P–L 2 26.0 59°.31 2°.1/27.7 18

1 22	10 58.63	+ 1 21.7	1.520	2.327	17.2	19.0
2 1	10 53.89	+ 1 38.2	1.465	2.352	13.3	18.8
2 11	10 46.73	+ 2 14.1	1.431	2.377	8.7	18.6
2 21	10 37.99	+ 3 5.4	1.422	2.402	4.0	18.3
3 2	10 28.83	+ 4 5.3	1.440	2.427	2.7	18.3
3 12	10 20.49	+ 5 5.7	1.486	2.453	6.9	18.6
3 22	10 13.96	+ 5 59.7	1.557	2.478	11.1	18.9
4 1	10 9.88	+ 6 42.2	1.651	2.503	14.7	19.2

297326 1999 TP_{246} 2 26.0 218°.23 2°.7/29.7 17

1 22	10 52.08	− 4 41.9	2.847	3.600	11.4	21.1
2 1	10 48.22	− 4 8.9	2.745	3.595	9.1	20.9
2 11	10 42.96	− 3 19.8	2.667	3.589	6.5	20.7
2 21	10 36.70	− 2 16.5	2.616	3.583	3.9	20.5
3 2	10 30.03	− 1 2.3	2.596	3.576	2.7	20.4
3 12	10 23.60	+ 0 17.7	2.606	3.570	4.6	20.5
3 22	10 17.99	+ 1 38.3	2.646	3.563	7.3	20.7
4 1	10 13.71	+ 2 54.3	2.713	3.555	9.9	20.9

330955 2009 SF_{338} 2 26.0 126°.47 2°.3/23.7 18

1 22	10 57.70	+13 1.3	2.074	2.898	12.6	21.2
2 1	10 52.80	+13 56.0	2.004	2.908	9.3	21.0
2 11	10 45.93	+14 58.0	1.960	2.917	5.7	20.8
2 21	10 37.72	+16 1.0	1.944	2.927	2.6	20.7
3 2	10 29.06	+16 58.5	1.957	2.935	3.8	20.7
3 12	10 20.91	+17 44.6	1.999	2.944	7.3	21.0
3 22	10 14.12	+18 16.1	2.068	2.952	10.7	21.2
4 1	10 9.30	+18 31.5	2.160	2.960	13.6	21.4

47423 1999 XR_{168} 2 26.0 163°.87 0°.5/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.66	+ 8 18.3	1.734	2.546	15.2	19.5
2 1	10 57.66	+ 8 44.5	1.657	2.553	11.5	19.2
2 11	10 49.15	+ 9 22.8	1.604	2.558	7.1	19.0
2 21	10 38.87	+10 8.0	1.577	2.563	2.4	18.7
3 2	10 27.93	+10 53.6	1.580	2.567	2.7	18.7
3 12	10 17.62	+11 32.9	1.612	2.570	7.4	19.0
3 22	10 9.02	+12 1.4	1.670	2.572	11.7	19.3
4 1	10 2.91	+12 16.3	1.750	2.573	15.4	19.5

236044 2005 GG_{222} 2 26.0 166°.45 2°.5/23.3 17

1 22	10 57.58	+16 11.3	2.644	3.464	10.3	21.0
2 1	10 52.35	+16 48.4	2.566	3.467	7.7	20.8
2 11	10 45.50	+17 28.4	2.515	3.470	4.8	20.6
2 21	10 37.56	+18 7.0	2.493	3.473	2.6	20.5
3 2	10 29.23	+18 39.5	2.502	3.476	3.6	20.5
3 12	10 21.30	+19 2.3	2.541	3.478	6.4	20.7
3 22	10 14.44	+19 13.2	2.607	3.479	9.2	20.9
4 1	10 9.19	+19 11.6	2.697	3.481	11.6	21.1

114867 2003 QP_3 2 26.0 153°.81 1°.1/25.1 18

1 22	11 1.94	+10 6.3	2.118	2.927	12.9	20.8
2 1	10 55.92	+10 39.5	2.042	2.937	9.7	20.6
2 11	10 47.84	+11 21.2	1.992	2.946	5.9	20.4
2 21	10 38.38	+12 6.7	1.970	2.955	2.0	20.2
3 2	10 28.43	+12 50.3	1.978	2.963	2.7	20.2
3 12	10 19.02	+13 26.7	2.017	2.970	6.6	20.5
3 22	10 11.01	+13 52.4	2.083	2.976	10.2	20.7
4 1	10 5.06	+14 5.5	2.173	2.981	13.3	20.9

373068 2011 FV_{55} 2 26.0 65°.46 1°.1/25.1 18

1 22	10 58.90	+10 39.1	1.851	2.674	13.9	21.4
2 1	10 53.88	+11 0.2	1.781	2.683	10.4	21.2
2 11	10 46.67	+11 29.9	1.735	2.692	6.4	20.9
2 21	10 37.99	+12 3.3	1.716	2.701	2.2	20.7
3 2	10 28.82	+12 34.9	1.725	2.710	2.9	20.7
3 12	10 20.26	+12 59.3	1.763	2.719	7.0	21.0
3 22	10 13.22	+13 13.1	1.827	2.729	10.9	21.3
4 1	10 8.38	+13 14.6	1.913	2.738	14.2	21.5

377967 2006 KN_{45} 2 26.0 352°.03 6°.9/19.5 17

1 22	10 58.48	+26 6.2	1.866	2.708	13.0	20.5
2 1	10 53.81	+27 19.2	1.803	2.706	10.2	20.3
2 11	10 46.75	+28 28.9	1.764	2.705	7.8	20.1
2 21	10 38.05	+29 26.5	1.751	2.704	7.0	20.1
3 2	10 28.76	+30 4.1	1.765	2.703	8.4	20.2
3 12	10 20.12	+30 17.4	1.805	2.702	11.1	20.3
3 22	10 13.12	+30 5.7	1.867	2.702	13.9	20.5
4 1	10 8.50	+29 31.5	1.950	2.701	16.5	20.7

162827 2001 BT_{76} 2 26.0 90°.25 0°.9/26.7 18

1 22	11 1.77	+ 4 56.7	1.641	2.449	16.1	19.9
2 1	10 56.15	+ 5 10.9	1.579	2.470	12.2	19.7
2 11	10 48.11	+ 5 39.8	1.540	2.491	7.8	19.5
2 21	10 38.48	+ 6 19.2	1.527	2.511	3.0	19.2
3 2	10 28.38	+ 7 3.0	1.542	2.530	2.3	19.2
3 12	10 19.07	+ 7 44.5	1.586	2.550	6.9	19.5
3 22	10 11.55	+ 8 18.6	1.656	2.569	11.1	19.8
4 1	10 6.48	+ 8 41.5	1.749	2.587	14.7	20.1

306706 2000 WP_{10} 2 26.0 118°.50 1°.9/24.4 18

1 22	11 1.41	+11 9.7	1.828	2.648	14.2	21.7
2 1	10 55.73	+12 0.3	1.765	2.666	10.5	21.5
2 11	10 47.80	+13 0.1	1.727	2.684	6.4	21.3
2 21	10 38.37	+14 2.6	1.716	2.701	2.4	21.1
3 2	10 28.49	+15 0.3	1.735	2.717	3.5	21.2
3 12	10 19.31	+15 46.9	1.783	2.733	7.6	21.5
3 22	10 11.75	+16 18.7	1.857	2.748	11.3	21.7
4 1	10 6.49	+16 34.2	1.953	2.762	14.5	22.0

389243 2009 FQ_{21} 2 26.0 357°.03 3°.7/22.8 17

1 22	10 58.86	+19 11.5	2.058	2.891	12.3	20.5
2 1	10 53.77	+19 39.8	1.984	2.890	9.3	20.3
2 11	10 46.58	+20 9.0	1.934	2.889	6.1	20.1
2 21	10 37.97	+20 33.7	1.912	2.888	3.8	20.0
3 2	10 28.87	+20 48.2	1.918	2.888	5.0	20.0
3 12	10 20.31	+20 48.9	1.952	2.888	8.1	20.2
3 22	10 13.19	+20 34.4	2.013	2.888	11.3	20.4
4 1	10 8.16	+20 5.1	2.095	2.888	14.2	20.6

283134 2008 XO_{48} 2 26.0 128°.92 2°.9/22.6 18

1 22	10 55.26	+15 25.8	2.425	3.252	10.9	21.1
2 1	10 50.77	+16 32.9	2.356	3.260	8.1	20.9
2 11	10 44.59	+17 44.8	2.312	3.269	5.1	20.7
2 21	10 37.28	+18 55.7	2.298	3.277	2.9	20.6
3 2	10 29.55	+19 59.4	2.314	3.285	4.2	20.7
3 12	10 22.25	+20 50.8	2.360	3.293	7.0	20.9
3 22	10 16.06	+21 27.1	2.432	3.300	9.9	21.1
4 1	10 11.55	+21 47.2	2.527	3.308	12.4	21.3

398930 2013 CS_{185} 2 26.0 270°.71 0°.8/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.91	+ 4 28.0	1.497	2.317	16.8	21.5
2 1	10 53.82	+ 4 54.1	1.413	2.311	12.9	21.2
2 11	10 47.02	+ 5 39.0	1.351	2.305	8.3	20.9
2 21	10 38.23	+ 6 38.3	1.314	2.299	3.1	20.6
3 2	10 28.56	+ 7 44.6	1.304	2.292	2.5	20.6
3 12	10 19.40	+ 8 49.1	1.321	2.286	7.8	20.9
3 22	10 11.98	+ 9 44.1	1.363	2.280	12.7	21.1
4 1	10 7.18	+10 24.2	1.426	2.274	16.9	21.4

12587 1999 RD_{95} 2 26.0 191°.13 0°.1/25.9 18

1 22	10 57.65	+ 7 23.4	2.229	3.035	12.5	18.1
2 1	10 52.72	+ 7 45.8	2.142	3.034	9.4	17.9
2 11	10 45.89	+ 8 18.4	2.080	3.033	5.9	17.7
2 21	10 37.75	+ 8 57.4	2.047	3.032	2.0	17.4
3 2	10 29.08	+ 9 38.2	2.043	3.030	2.0	17.4
3 12	10 20.81	+10 15.8	2.068	3.028	5.9	17.7
3 22	10 13.73	+10 46.1	2.121	3.025	9.5	17.9
4 1	10 8.49	+11 6.3	2.199	3.023	12.6	18.1

167676 2004 FJ_{122} 2 26.0 25°.89 8°.4/ 3.6 18

1 22	10 58.97	−12 14.5	1.893	2.617	17.2	18.9
2 1	10 54.07	−13 33.2	1.814	2.625	14.7	18.7
2 11	10 46.91	−14 30.1	1.756	2.633	12.1	18.6
2 21	10 38.13	−15 2.2	1.721	2.642	9.7	18.4
3 2	10 28.68	−15 8.5	1.711	2.652	8.4	18.4
3 12	10 19.69	−14 52.0	1.728	2.661	9.1	18.4
3 22	10 12.14	−14 18.3	1.769	2.672	11.1	18.6
4 1	10 6.79	−13 35.0	1.834	2.683	13.7	18.7

210016 2006 KF_{22} 2 26.0 328°.27 7°.0/20.8 18

1 22	10 58.55	+21 19.6	1.317	2.174	16.4	19.9
2 1	10 54.77	+22 39.1	1.248	2.165	12.6	19.6
2 11	10 47.82	+24 2.0	1.202	2.157	8.8	19.4
2 21	10 38.53	+25 16.3	1.180	2.149	7.0	19.2
3 2	10 28.29	+26 10.0	1.182	2.142	9.0	19.3
3 12	10 18.81	+26 34.9	1.209	2.135	12.9	19.5
3 22	10 11.49	+26 29.2	1.257	2.128	17.0	19.7
4 1	10 7.30	+25 55.2	1.323	2.123	20.6	20.0

56043 1998 XQ_{11} 2 26.0 218°.32 3°.3/28.7 18

1 22	11 0.46	− 1 49.5	1.903	2.679	15.4	19.8
2 1	10 55.28	− 1 48.0	1.804	2.670	12.3	19.6
2 11	10 47.75	− 1 27.6	1.728	2.660	8.7	19.3
2 21	10 38.46	− 0 49.6	1.677	2.650	4.9	19.1
3 2	10 28.35	+ 0 2.4	1.655	2.638	3.5	18.9
3 12	10 18.56	+ 1 2.1	1.662	2.626	6.6	19.1
3 22	10 10.16	+ 2 2.6	1.697	2.613	10.7	19.3
4 1	10 3.96	+ 2 57.6	1.755	2.600	14.4	19.5

245032 2004 EB_{52} 2 26.0 205°.16 1°.2/24.9 17

1 22	10 58.81	+12 21.6	2.446	3.259	11.3	20.7
2 1	10 53.41	+12 35.2	2.360	3.257	8.4	20.5
2 11	10 46.24	+12 53.9	2.299	3.255	5.2	20.3
2 21	10 37.86	+13 14.2	2.268	3.252	1.9	20.1
3 2	10 29.01	+13 31.9	2.266	3.250	2.6	20.1
3 12	10 20.56	+13 43.5	2.295	3.247	6.0	20.3
3 22	10 13.27	+13 46.5	2.352	3.244	9.2	20.5
4 1	10 7.70	+13 39.8	2.433	3.241	12.0	20.7

330120 2005 YU_{20} 2 26.0 161°.49 1°.6/24.5 18

1 22	10 57.27	+11 5.8	2.141	2.961	12.4	21.4
2 1	10 52.49	+11 51.6	2.063	2.964	9.2	21.1
2 11	10 45.77	+12 46.0	2.010	2.967	5.6	20.9
2 21	10 37.71	+13 43.6	1.985	2.970	2.1	20.7
3 2	10 29.15	+14 38.4	1.990	2.973	3.1	20.8
3 12	10 21.05	+15 24.7	2.024	2.975	6.8	21.0
3 22	10 14.21	+15 58.7	2.085	2.977	10.3	21.2
4 1	10 9.28	+16 18.3	2.170	2.978	13.3	21.4

163457 2002 RV_{134} 2 26.0 153°.53 3°.7/21.6 18

1 22	10 55.90	+18 23.1	2.414	3.244	10.8	20.2
2 1	10 51.31	+19 34.0	2.344	3.249	8.1	20.1
2 11	10 44.97	+20 47.8	2.300	3.253	5.3	19.9
2 21	10 37.43	+21 58.3	2.284	3.257	3.7	19.8
3 2	10 29.45	+22 59.0	2.299	3.261	5.0	19.9
3 12	10 21.88	+23 45.3	2.343	3.265	7.7	20.1
3 22	10 15.46	+24 14.5	2.413	3.268	10.4	20.2
4 1	10 10.77	+24 26.2	2.505	3.271	12.9	20.4

325508 2009 RB_{52} 2 26.0 243°.99 3°.5/29.6 17

1 22	10 54.95	− 4 32.9	2.076	2.843	14.6	21.5
2 1	10 50.95	− 4 9.0	1.974	2.833	11.7	21.3
2 11	10 44.96	− 3 23.9	1.895	2.821	8.4	21.0
2 21	10 37.49	− 2 18.9	1.842	2.810	5.0	20.8
3 2	10 29.34	− 0 58.4	1.817	2.798	3.5	20.7
3 12	10 21.47	+ 0 30.8	1.821	2.786	6.0	20.8
3 22	10 14.77	+ 2 0.8	1.853	2.773	9.7	21.0
4 1	10 9.96	+ 3 24.4	1.910	2.761	13.1	21.2

208346 2001 QJ_{330} 2 26.0 153°.07 0°.9/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.53	+ 4 50.6	2.690	3.479	11.0	21.2
2 1	10 52.26	+ 4 54.7	2.605	3.485	8.4	21.1
2 11	10 45.44	+ 5 8.0	2.545	3.490	5.4	20.9
2 21	10 37.57	+ 5 28.0	2.514	3.496	2.2	20.7
3 2	10 29.32	+ 5 51.8	2.514	3.501	1.6	20.6
3 12	10 21.43	+ 6 15.8	2.544	3.506	4.8	20.9
3 22	10 14.53	+ 6 36.8	2.603	3.510	7.8	21.1
4 1	10 9.17	+ 6 52.2	2.688	3.514	10.5	21.2

88148 2000 WB_{191} 2 26.0 178°.62 4°.3/20.0 18

1 22	10 55.60	+23 41.4	3.024	3.850	9.0	20.2
2 1	10 50.81	+24 48.0	2.953	3.851	6.9	20.1
2 11	10 44.54	+25 53.5	2.909	3.852	5.0	20.0
2 21	10 37.27	+26 52.8	2.895	3.852	4.3	19.9
3 2	10 29.62	+27 41.0	2.912	3.853	5.3	20.0
3 12	10 22.30	+28 14.8	2.957	3.852	7.3	20.1
3 22	10 15.92	+28 32.7	3.028	3.852	9.4	20.3
4 1	10 10.98	+28 34.8	3.122	3.850	11.3	20.4

187828 1999 VX_{21} 2 26.0 127°.42 1°.7/27.5 18

1 22	11 2.25	+ 1 21.4	1.734	2.526	16.1	21.2
2 1	10 56.47	+ 1 50.5	1.665	2.545	12.4	21.0
2 11	10 48.34	+ 2 38.1	1.619	2.563	8.1	20.8
2 21	10 38.60	+ 3 40.1	1.599	2.580	3.6	20.5
3 2	10 28.34	+ 4 49.8	1.609	2.596	2.4	20.5
3 12	10 18.77	+ 5 59.3	1.647	2.611	6.7	20.8
3 22	10 10.88	+ 7 1.9	1.713	2.625	10.8	21.0
4 1	10 5.38	+ 7 52.4	1.802	2.639	14.4	21.3

84996 Hortobágy 2 26.0 273°.30 4°.0/21.7 18

1 22	10 55.82	+18 35.7	2.191	3.025	11.6	19.8
2 1	10 51.52	+19 40.2	2.109	3.016	8.7	19.6
2 11	10 45.24	+20 48.5	2.052	3.007	5.8	19.4
2 21	10 37.57	+21 53.9	2.024	2.997	4.0	19.3
3 2	10 29.31	+22 49.3	2.024	2.988	5.4	19.4
3 12	10 21.43	+23 29.5	2.053	2.978	8.4	19.5
3 22	10 14.79	+23 51.5	2.107	2.969	11.5	19.7
4 1	10 10.05	+23 54.9	2.183	2.959	14.2	19.9

221269 2005 UL_{320} 2 26.0 349°.86 0°.2/25.9 18

1 22	10 54.14	+ 6 25.4	1.519	2.351	16.0	20.1
2 1	10 50.89	+ 6 59.3	1.441	2.346	12.2	19.9
2 11	10 45.14	+ 7 49.9	1.384	2.342	7.6	19.6
2 21	10 37.59	+ 8 51.9	1.353	2.338	2.6	19.3
3 2	10 29.29	+ 9 57.6	1.348	2.335	2.7	19.3
3 12	10 21.53	+10 58.5	1.369	2.333	7.7	19.6
3 22	10 15.40	+11 47.6	1.416	2.332	12.4	19.8
4 1	10 11.72	+12 20.4	1.483	2.331	16.3	20.1

210952 2001 UR_{45} 2 26.0 31°.35 7°.6/ 5.9 18

1 22	10 51.68	−16 19.1	1.992	2.700	17.0	19.4
2 1	10 48.48	−16 25.9	1.913	2.710	14.6	19.2
2 11	10 43.36	−16 4.8	1.852	2.722	11.9	19.0
2 21	10 36.92	−15 14.9	1.814	2.733	9.4	18.9
3 2	10 29.98	−13 58.5	1.801	2.745	7.7	18.8
3 12	10 23.50	−12 22.0	1.814	2.758	8.0	18.9
3 22	10 18.28	−10 34.0	1.854	2.771	9.9	19.0
4 1	10 14.95	− 8 43.8	1.919	2.784	12.4	19.2

127672 2003 EF_4 2 26.0 241°.47 2°.0/27.4 18

1 22	11 1.75	+ 2 51.3	1.710	2.510	15.9	20.3
2 1	10 56.52	+ 2 47.9	1.614	2.497	12.5	20.1
2 11	10 48.67	+ 3 0.4	1.539	2.484	8.3	19.8
2 21	10 38.83	+ 3 26.8	1.490	2.471	3.8	19.5
3 2	10 28.03	+ 4 2.6	1.470	2.457	2.7	19.4
3 12	10 17.59	+ 4 41.8	1.477	2.442	7.2	19.6
3 22	10 8.71	+ 5 18.3	1.511	2.427	11.8	19.8
4 1	10 2.32	+ 5 46.7	1.568	2.411	15.8	20.1

84317 2002 TZ_{44} 2 26.0 161°.36 1°.5/24.7 18

1 22	10 59.16	+10 40.3	1.980	2.799	13.3	20.0
2 1	10 54.05	+11 23.9	1.903	2.803	9.9	19.8
2 11	10 46.82	+12 17.0	1.850	2.807	6.1	19.6
2 21	10 38.11	+13 13.9	1.826	2.811	2.2	19.3
3 2	10 28.85	+14 8.2	1.831	2.814	3.1	19.4
3 12	10 20.10	+14 53.8	1.865	2.817	7.1	19.6
3 22	10 12.77	+15 26.5	1.925	2.819	10.9	19.9
4 1	10 7.52	+15 44.2	2.009	2.821	14.1	20.1

194427 2001 VZ_{68} 2 26.0 54°.45 0°.2/26.1 18

1 22	11 0.83	+ 6 32.5	1.219	2.054	19.0	20.5
2 1	10 56.09	+ 6 53.5	1.168	2.074	14.3	20.2
2 11	10 48.36	+ 7 31.9	1.138	2.095	8.9	20.0
2 21	10 38.65	+ 8 21.3	1.131	2.116	3.1	19.7
3 2	10 28.42	+ 9 13.0	1.150	2.138	2.9	19.7
3 12	10 19.25	+ 9 58.2	1.194	2.159	8.4	20.1
3 22	10 12.34	+10 30.9	1.262	2.181	13.3	20.5
4 1	10 8.42	+10 47.7	1.351	2.203	17.4	20.8

53971 2000 GJ_{66} 2 26.1 8°.61 2°.8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.49	+ 0 0.7	1.433	2.247	17.8	19.5
2 1	10 51.23	+ 0 11.0	1.358	2.247	14.0	19.2
2 11	10 45.40	+ 0 44.0	1.304	2.249	9.5	19.0
2 21	10 37.71	+ 1 36.8	1.272	2.251	4.8	18.7
3 2	10 29.27	+ 2 43.3	1.267	2.254	3.2	18.6
3 12	10 21.42	+ 3 54.5	1.288	2.257	7.4	18.9
3 22	10 15.30	+ 5 1.4	1.333	2.261	12.0	19.1
4 1	10 11.72	+ 5 57.0	1.400	2.266	16.1	19.4

218929 2008 BP_{15} 2 26.1 306°.48 0°.8/25.4 18

1 22	10 55.14	+ 6 57.6	1.574	2.403	15.7	20.0
2 1	10 51.65	+ 7 50.1	1.490	2.395	11.9	19.8
2 11	10 45.66	+ 9 0.2	1.428	2.386	7.4	19.5
2 21	10 37.81	+10 21.7	1.392	2.378	2.4	19.2
3 2	10 29.15	+11 45.9	1.383	2.370	3.0	19.2
3 12	10 20.94	+13 3.1	1.402	2.362	8.1	19.5
3 22	10 14.33	+14 5.8	1.445	2.354	12.7	19.7
4 1	10 10.15	+14 49.5	1.510	2.347	16.7	19.9

102683 1999 VW_{69} 2 26.1 198°.97 1°.5/27.3 18

1 22	11 1.28	+ 2 12.1	1.826	2.619	15.3	20.5
2 1	10 55.93	+ 2 35.7	1.735	2.616	11.9	20.3
2 11	10 48.18	+ 3 16.9	1.667	2.611	7.8	20.0
2 21	10 38.65	+ 4 12.4	1.625	2.606	3.4	19.8
3 2	10 28.34	+ 5 16.5	1.613	2.600	2.4	19.7
3 12	10 18.45	+ 6 21.8	1.630	2.593	6.7	19.9
3 22	10 10.05	+ 7 21.4	1.674	2.585	11.1	20.2
4 1	10 3.96	+ 8 10.0	1.741	2.577	14.9	20.4

75084 1999 VX_{26} 2 26.1 160°.25 1°.9/24.3 18

1 22	11 0.26	+11 48.1	2.097	2.914	12.8	20.3
2 1	10 54.76	+12 36.4	2.022	2.921	9.5	20.1
2 11	10 47.21	+13 32.7	1.971	2.928	5.8	19.9
2 21	10 38.25	+14 31.4	1.949	2.933	2.3	19.6
3 2	10 28.78	+15 26.0	1.957	2.938	3.4	19.7
3 12	10 19.81	+16 10.9	1.995	2.943	7.1	20.0
3 22	10 12.22	+16 42.4	2.060	2.946	10.6	20.2
4 1	10 6.65	+16 58.9	2.148	2.949	13.6	20.4

42318 2001 XV_{1} 2 26.1 109°.34 6°.9/ 7.5 18

1 22	10 53.60	−20 53.5	2.771	3.414	13.9	19.0
2 1	10 49.40	−20 45.8	2.684	3.429	12.2	18.9
2 11	10 43.71	−20 14.5	2.617	3.444	10.3	18.7
2 21	10 37.02	−19 19.2	2.572	3.459	8.4	18.6
3 2	10 29.99	−18 1.6	2.554	3.473	7.1	18.6
3 12	10 23.32	−16 26.2	2.565	3.488	7.1	18.6
3 22	10 17.64	−14 39.4	2.604	3.502	8.2	18.7
4 1	10 13.43	−12 48.2	2.670	3.515	10.0	18.8

84356 2002 TG_{82} 2 26.1 49°.45 4°.4/29.6 18

1 22	10 56.66	− 3 41.6	1.575	2.362	17.6	19.6
2 1	10 52.63	− 3 47.1	1.501	2.370	14.1	19.4
2 11	10 46.15	− 3 29.3	1.447	2.378	10.1	19.1
2 21	10 37.94	− 2 49.6	1.417	2.386	6.1	18.9
3 2	10 29.09	− 1 52.3	1.414	2.394	4.4	18.8
3 12	10 20.82	− 0 45.3	1.437	2.403	7.2	19.0
3 22	10 14.20	+ 0 23.1	1.486	2.412	11.1	19.3
4 1	10 9.99	+ 1 25.3	1.557	2.421	14.9	19.5

372070 2008 SM 2 26.1 222°.12 7°.0/23.5 16

1 22	11 18.63	+23 38.9	1.147	1.984	19.8	20.7
2 1	11 10.50	+23 52.5	1.076	1.980	15.4	20.4
2 11	10 57.92	+24 0.4	1.025	1.976	10.7	20.1
2 21	10 42.07	+23 51.0	0.998	1.971	7.2	19.9
3 2	10 25.09	+23 14.6	0.998	1.966	8.6	20.0
3 12	10 9.48	+22 8.7	1.023	1.961	13.3	20.2
3 22	9 57.21	+20 38.1	1.071	1.955	18.3	20.4
4 1	9 49.33	+18 50.4	1.138	1.949	22.6	20.7

416860 2005 NK_{25} 2 26.1 244°.29 6°.8/ 2.2 17

1 22	11 0.10	− 9 5.5	1.957	2.695	16.3	21.2
2 1	10 55.03	− 9 55.9	1.858	2.686	13.7	21.0
2 11	10 47.63	−10 26.5	1.780	2.677	10.8	20.8
2 21	10 38.49	−10 35.1	1.727	2.668	8.1	20.6
3 2	10 28.49	−10 21.7	1.700	2.658	6.8	20.5
3 12	10 18.78	− 9 49.7	1.701	2.649	8.0	20.5
3 22	10 10.40	− 9 4.9	1.728	2.639	10.9	20.7
4 1	10 4.19	− 8 14.5	1.779	2.629	14.0	20.8

31623 1999 GK_{20} 2 26.1 163°.32 1°.3/24.8 18 R

1 22	10 57.30	+ 9 53.3	2.130	2.946	12.6	18.1
2 1	10 52.54	+10 42.4	2.051	2.950	9.4	17.9
2 11	10 45.84	+11 41.3	1.997	2.954	5.7	17.7
2 21	10 37.80	+12 44.6	1.972	2.957	2.0	17.5
3 2	10 29.24	+13 46.2	1.976	2.959	2.9	17.5
3 12	10 21.13	+14 39.9	2.009	2.962	6.7	17.8
3 22	10 14.28	+15 21.5	2.070	2.964	10.2	18.0
4 1	10 9.33	+15 48.6	2.154	2.965	13.3	18.2

111205 2001 WN_{27} 2 26.1 110°.44 1°.1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.92	+ 2 34.5	1.987	2.785	14.1	20.5
2 1	10 52.29	+ 3 11.1	1.914	2.798	10.8	20.3
2 11	10 45.69	+ 4 3.4	1.865	2.812	7.0	20.1
2 21	10 37.74	+ 5 7.3	1.843	2.825	2.9	19.9
3 2	10 29.34	+ 6 16.9	1.850	2.837	2.0	19.8
3 12	10 21.45	+ 7 25.2	1.886	2.850	6.0	20.1
3 22	10 14.90	+ 8 26.3	1.950	2.862	9.7	20.4
4 1	10 10.33	+ 9 15.8	2.038	2.874	13.0	20.6

98693 2000 XO_{16} 2 26.1 183°.87 0°.4/26.3 18

1 22	11 2.03	+ 6 42.9	1.860	2.666	14.6	20.4
2 1	10 56.38	+ 6 54.3	1.776	2.667	11.1	20.2
2 11	10 48.38	+ 7 17.6	1.715	2.667	7.0	19.9
2 21	10 38.71	+ 7 49.2	1.682	2.666	2.5	19.6
3 2	10 28.37	+ 8 23.9	1.677	2.665	2.2	19.6
3 12	10 18.54	+ 8 56.0	1.702	2.664	6.8	19.9
3 22	10 10.23	+ 9 20.9	1.754	2.661	10.9	20.1
4 1	10 4.22	+ 9 35.4	1.829	2.659	14.5	20.4

420556 2012 GC_{31} 2 26.1 295°.77 3°.5/23.1 17

1 22	10 56.99	+14 43.2	1.687	2.527	14.3	20.9
2 1	10 53.07	+15 41.9	1.595	2.506	10.7	20.6
2 11	10 46.60	+16 50.3	1.526	2.486	6.8	20.3
2 21	10 38.18	+18 0.8	1.484	2.465	3.7	20.1
3 2	10 28.84	+19 4.5	1.469	2.445	5.3	20.1
3 12	10 19.85	+19 53.3	1.482	2.425	9.5	20.3
3 22	10 12.40	+20 22.2	1.518	2.405	13.7	20.5
4 1	10 7.40	+20 29.5	1.575	2.385	17.4	20.7

33402 Canizares 2 26.1 171°.76 0°.1/25.9 18

1 22	10 55.28	+ 4 15.9	1.988	2.795	13.7	19.2
2 1	10 51.19	+ 5 25.5	1.904	2.796	10.4	19.0
2 11	10 45.10	+ 6 52.2	1.845	2.798	6.5	18.8
2 21	10 37.58	+ 8 30.2	1.814	2.799	2.2	18.5
3 2	10 29.48	+10 11.8	1.813	2.800	2.2	18.5
3 12	10 21.79	+11 48.4	1.841	2.801	6.5	18.8
3 22	10 15.37	+13 13.0	1.897	2.801	10.4	19.0
4 1	10 10.90	+14 20.7	1.977	2.801	13.8	19.2

53232 1999 CD_{113} 2 26.1 193°.65 2°.7/28.9 18

1 22	10 55.41	− 1 37.0	2.467	3.237	12.5	19.3
2 1	10 50.92	− 1 34.1	2.373	3.236	9.9	19.1
2 11	10 44.76	− 1 16.8	2.304	3.234	6.9	18.9
2 21	10 37.44	− 0 46.5	2.262	3.233	4.0	18.7
3 2	10 29.63	− 0 6.4	2.249	3.231	2.8	18.6
3 12	10 22.14	+ 0 39.4	2.266	3.229	5.1	18.7
3 22	10 15.66	+ 1 25.8	2.311	3.227	8.2	18.9
4 1	10 10.78	+ 2 8.7	2.381	3.225	11.1	19.1

96901 1999 TM_{70} 2 26.1 214°.89 1°.8/24.4 18 R

1 22	10 57.96	+12 15.6	2.085	2.907	12.6	19.8
2 1	10 53.12	+12 49.8	2.003	2.905	9.4	19.5
2 11	10 46.25	+13 31.4	1.945	2.903	5.8	19.3
2 21	10 37.97	+14 15.4	1.916	2.900	2.3	19.1
3 2	10 29.12	+14 56.1	1.915	2.897	3.3	19.1
3 12	10 20.72	+15 28.1	1.944	2.894	7.0	19.4
3 22	10 13.63	+15 48.0	1.999	2.891	10.6	19.6
4 1	10 8.52	+15 54.2	2.077	2.888	13.7	19.8

343416 2010 CR_{206} 2 26.1 38°.04 3°.8/29.9 18

1 22	10 53.74	− 4 21.9	2.019	2.791	14.8	21.0
2 1	10 49.95	− 4 17.1	1.939	2.799	11.9	20.8
2 11	10 44.27	− 3 52.8	1.881	2.806	8.5	20.6
2 21	10 37.28	− 3 10.5	1.848	2.814	5.3	20.4
3 2	10 29.80	− 2 13.8	1.843	2.822	3.8	20.3
3 12	10 22.74	− 1 9.0	1.866	2.831	6.0	20.5
3 22	10 16.93	− 0 2.6	1.916	2.839	9.2	20.7
4 1	10 12.98	+ 0 59.2	1.991	2.848	12.4	20.9

74315 1998 UV_{11} 2 26.1 241°.52 6°.5/ 4.5 18

1 22	10 54.00	−14 32.6	2.379	3.080	14.7	19.9
2 1	10 50.07	−14 38.3	2.275	3.071	12.6	19.8
2 11	10 44.35	−14 21.1	2.190	3.062	10.2	19.6
2 21	10 37.33	−13 39.9	2.129	3.053	7.9	19.4
3 2	10 29.72	−12 36.0	2.095	3.043	6.6	19.3
3 12	10 22.36	−11 14.1	2.090	3.033	7.1	19.3
3 22	10 16.03	− 9 40.8	2.111	3.023	9.1	19.4
4 1	10 11.37	− 8 3.7	2.159	3.013	11.7	19.6

150478 2000 OS_{26} 2 26.1 255°.15 0°.3/26.4 18

1 22	10 57.45	+ 5 13.0	2.206	3.006	12.8	21.0
2 1	10 52.82	+ 5 46.2	2.098	2.985	9.8	20.7
2 11	10 46.17	+ 6 33.0	2.013	2.963	6.3	20.5
2 21	10 37.99	+ 7 30.0	1.957	2.941	2.3	20.2
3 2	10 29.06	+ 8 31.9	1.930	2.918	2.0	20.1
3 12	10 20.32	+ 9 32.7	1.934	2.894	6.1	20.3
3 22	10 12.69	+10 26.7	1.965	2.870	10.1	20.5
4 1	10 6.91	+11 9.6	2.020	2.845	13.5	20.7

19720 1999 VP_{10} 2 26.1 231°.72 2°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.36	+14 40.6	2.418	3.241	11.1	18.3
2 1	10 51.78	+15 43.4	2.327	3.230	8.2	18.1
2 11	10 45.38	+16 52.7	2.262	3.218	5.2	17.8
2 21	10 37.68	+18 2.9	2.226	3.206	2.8	17.7
3 2	10 29.40	+19 7.7	2.220	3.193	4.0	17.7
3 12	10 21.41	+20 1.4	2.244	3.180	7.2	17.9
3 22	10 14.49	+20 40.4	2.295	3.166	10.3	18.1
4 1	10 9.29	+21 3.1	2.369	3.152	13.0	18.2

166833 2002 VD_{114} 2 26.1 349°.63 4°.7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.34	− 5 39.5	1.923	2.693	15.5	19.3
2 1	10 49.85	− 5 50.4	1.833	2.689	12.6	19.1
2 11	10 44.33	− 5 40.6	1.765	2.685	9.4	18.9
2 21	10 37.34	− 5 10.5	1.721	2.682	6.2	18.7
3 2	10 29.73	− 4 22.9	1.704	2.679	4.7	18.6
3 12	10 22.49	− 3 23.4	1.714	2.677	6.6	18.7
3 22	10 16.51	− 2 19.0	1.751	2.676	9.8	18.9
4 1	10 12.49	− 1 16.5	1.812	2.675	13.1	19.1

82980 2001 QO_{143} 2 26.1 65°.64 0°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.81	+ 6 19.0	2.157	2.965	12.7	20.6
2 1	10 51.36	+ 6 39.9	2.081	2.973	9.6	20.4
2 11	10 45.07	+ 7 11.8	2.029	2.981	6.1	20.2
2 21	10 37.55	+ 7 51.1	2.005	2.989	2.2	19.9
3 2	10 29.59	+ 8 33.0	2.010	2.997	1.9	19.9
3 12	10 22.08	+ 9 12.3	2.044	3.006	5.8	20.2
3 22	10 15.79	+ 9 45.0	2.105	3.014	9.3	20.4
4 1	10 11.32	+10 7.9	2.190	3.022	12.4	20.6

295965 2008 YM_{22} 2 26.1 86°.38 1°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.98	+ 9 49.7	1.531	2.359	16.1	20.6
2 1	10 55.72	+10 55.0	1.479	2.384	11.9	20.4
2 11	10 47.95	+12 12.6	1.450	2.408	7.2	20.1
2 21	10 38.54	+13 34.0	1.447	2.432	2.6	19.9
3 2	10 28.69	+14 49.8	1.473	2.456	3.8	20.0
3 12	10 19.71	+15 52.0	1.527	2.479	8.3	20.4
3 22	10 12.62	+16 35.8	1.605	2.502	12.4	20.7
4 1	10 8.10	+16 59.7	1.706	2.524	15.9	20.9

27453 Crystalpoole 2 26.1 228°.21 0°.1/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.26	+ 6 16.1	2.373	3.178	11.9	19.9
2 1	10 50.90	+ 6 45.8	2.282	3.172	9.0	19.7
2 11	10 44.80	+ 7 26.5	2.215	3.167	5.6	19.5
2 21	10 37.48	+ 8 14.5	2.176	3.161	2.0	19.2
3 2	10 29.64	+ 9 5.4	2.167	3.155	1.8	19.2
3 12	10 22.13	+ 9 53.9	2.188	3.149	5.6	19.4
3 22	10 15.67	+10 35.6	2.237	3.142	9.0	19.6
4 1	10 10.87	+11 7.3	2.310	3.136	12.0	19.8

280199 2002 TU_{26} 2 26.1 191°.70 1°.0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.16	+ 3 17.8	1.826	2.624	15.1	22.0
2 1	10 55.83	+ 3 48.4	1.738	2.622	11.7	21.8
2 11	10 48.12	+ 4 36.1	1.673	2.620	7.6	21.6
2 21	10 38.67	+ 5 36.8	1.635	2.617	3.0	21.3
3 2	10 28.47	+ 6 44.3	1.626	2.614	2.2	21.2
3 12	10 18.72	+ 7 51.0	1.646	2.609	6.8	21.5
3 22	10 10.47	+ 8 50.3	1.693	2.603	11.1	21.7
4 1	10 4.52	+ 9 37.2	1.764	2.597	14.8	21.9

104573 2000 GK_{78} 2 26.1 317°.65 0°.5/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.50	+ 5 6.1	2.044	2.853	13.3	20.0
2 1	10 50.59	+ 5 33.3	1.956	2.848	10.2	19.8
2 11	10 44.73	+ 6 13.9	1.891	2.843	6.5	19.5
2 21	10 37.48	+ 7 4.3	1.853	2.838	2.4	19.3
3 2	10 29.65	+ 7 59.2	1.845	2.833	2.0	19.2
3 12	10 22.19	+ 8 52.5	1.864	2.828	6.1	19.5
3 22	10 15.94	+ 9 39.0	1.911	2.823	9.9	19.7
4 1	10 11.58	+10 14.5	1.982	2.819	13.3	19.9

33811 Scottobin 2 26.1 196°.14 4°.4/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.01	+17 13.8	1.801	2.632	13.9	18.3
2 1	10 56.59	+18 32.2	1.724	2.630	10.4	18.0
2 11	10 48.64	+19 56.9	1.672	2.627	6.8	17.8
2 21	10 38.86	+21 19.0	1.647	2.623	4.5	17.7
3 2	10 28.32	+22 29.3	1.652	2.618	6.1	17.8
3 12	10 18.31	+23 20.4	1.684	2.612	9.7	18.0
3 22	10 9.95	+23 48.9	1.742	2.606	13.4	18.2
4 1	10 4.05	+23 54.8	1.820	2.598	16.6	18.4

284340 2006 RR_{42} 2 26.1 238°.89 1°.9/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.05	− 0 19.6	2.369	3.152	12.5	20.9
2 1	10 49.23	+ 0 8.3	2.279	3.152	9.8	20.7
2 11	10 43.75	+ 0 51.8	2.213	3.151	6.6	20.5
2 21	10 37.12	+ 1 48.2	2.174	3.151	3.4	20.3
3 2	10 30.02	+ 2 53.2	2.165	3.151	2.2	20.2
3 12	10 23.25	+ 4 1.1	2.185	3.150	5.1	20.4
3 22	10 17.50	+ 5 6.4	2.233	3.150	8.4	20.6
4 1	10 13.35	+ 6 4.3	2.306	3.150	11.4	20.8

90818 Daverichards 2 26.1 103°.25 4°.4/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.55	+18 53.3	1.955	2.791	12.8	19.9
2 1	10 53.64	+20 1.9	1.894	2.801	9.6	19.8
2 11	10 46.59	+21 13.1	1.857	2.811	6.3	19.6
2 21	10 38.09	+22 19.1	1.849	2.821	4.4	19.5
3 2	10 29.12	+23 12.7	1.869	2.831	5.8	19.6
3 12	10 20.76	+23 48.5	1.916	2.841	8.9	19.8
3 22	10 13.90	+24 4.3	1.989	2.851	12.0	20.0
4 1	10 9.19	+24 0.7	2.083	2.860	14.8	20.2

366409 2001 SF_{339} 2 26.1 188°.20 6°.5/ 3.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.83	−12 49.3	2.392	3.094	14.6	21.8
2 1	10 53.65	−13 19.6	2.294	3.094	12.4	21.6
2 11	10 46.56	−13 29.8	2.218	3.093	10.0	21.4
2 21	10 38.11	−13 18.4	2.166	3.091	7.8	21.3
3 2	10 29.05	−12 46.2	2.142	3.088	6.5	21.2
3 12	10 20.28	−11 56.8	2.146	3.085	7.2	21.2
3 22	10 12.62	−10 55.7	2.177	3.081	9.3	21.4
4 1	10 6.73	− 9 49.5	2.234	3.077	11.8	21.5

214417 2005 PJ_{4} 2 26.1 224°.75 2°.7/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.31	+17 47.8	2.623	3.443	10.4	20.7
2 1	10 53.76	+18 11.3	2.537	3.437	7.8	20.6
2 11	10 46.49	+18 36.4	2.478	3.431	5.0	20.4
2 21	10 38.05	+18 58.8	2.447	3.425	2.8	20.2
3 2	10 29.16	+19 14.2	2.447	3.419	3.8	20.3
3 12	10 20.66	+19 19.4	2.477	3.413	6.6	20.4
3 22	10 13.26	+19 12.9	2.534	3.407	9.4	20.6
4 1	10 7.54	+18 54.5	2.616	3.400	11.9	20.8

141355 2002 AK_{29} 2 26.1 65°.57 2°.5/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.39	+ 2 54.6	1.690	2.489	16.1	18.5
2 1	10 56.68	+ 2 28.8	1.620	2.502	12.5	18.3
2 11	10 48.56	+ 2 17.3	1.573	2.516	8.4	18.1
2 21	10 38.79	+ 2 18.4	1.552	2.530	4.1	17.8
3 2	10 28.48	+ 2 28.8	1.558	2.544	2.9	17.8
3 12	10 18.86	+ 2 43.5	1.593	2.558	6.7	18.1
3 22	10 10.96	+ 2 58.0	1.655	2.572	10.8	18.3
4 1	10 5.50	+ 3 8.0	1.739	2.587	14.3	18.6

285936 2001 QP_{286} 2 26.1 132°.66 5°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.73	−10 46.1	2.304	3.021	14.7	21.6
2 1	10 54.22	−11 11.5	2.223	3.035	12.3	21.5
2 11	10 46.85	−11 16.9	2.162	3.050	9.6	21.3
2 21	10 38.18	−11 1.7	2.127	3.063	7.2	21.2
3 2	10 29.04	−10 27.5	2.121	3.076	5.9	21.1
3 12	10 20.32	− 9 38.5	2.143	3.089	6.8	21.2
3 22	10 12.83	− 8 40.7	2.192	3.100	9.0	21.4
4 1	10 7.18	− 7 40.2	2.268	3.111	11.6	21.6

423447 2005 SC_{69} 2 26.1 119°.55 3°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.56	− 5 22.7	2.156	2.914	14.4	21.6
2 1	10 51.91	− 4 59.0	2.078	2.929	11.5	21.4
2 11	10 45.42	− 4 15.2	2.023	2.944	8.3	21.3
2 21	10 37.69	− 3 13.5	1.994	2.959	5.1	21.1
3 2	10 29.53	− 1 58.4	1.994	2.973	3.6	21.0
3 12	10 21.82	− 0 36.4	2.023	2.987	5.7	21.2
3 22	10 15.35	+ 0 45.5	2.081	3.000	8.9	21.4
4 1	10 10.71	+ 2 1.0	2.165	3.013	11.9	21.6

39638 1995 EB_{5} 2 26.1 199°.10 0°.5/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.18	+ 7 21.2	2.066	2.877	13.1	19.6
2 1	10 52.59	+ 8 3.3	1.980	2.875	9.9	19.4
2 11	10 45.97	+ 8 57.7	1.918	2.872	6.1	19.2
2 21	10 37.92	+ 9 59.7	1.884	2.869	2.0	18.9
3 2	10 29.28	+11 3.1	1.879	2.866	2.4	18.9
3 12	10 21.03	+12 1.5	1.904	2.862	6.5	19.2
3 22	10 14.06	+12 49.7	1.956	2.858	10.3	19.4
4 1	10 9.03	+13 24.5	2.032	2.854	13.6	19.6

428469 2007 UQ_{91} 2 26.1 173°.83 1°.6/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.18	+12 22.9	2.582	3.398	10.7	21.6
2 1	10 51.42	+13 1.1	2.500	3.400	7.9	21.4
2 11	10 45.04	+13 45.3	2.445	3.401	4.8	21.2
2 21	10 37.56	+14 31.1	2.418	3.402	2.0	21.0
3 2	10 29.66	+15 13.9	2.422	3.403	2.8	21.1
3 12	10 22.12	+15 49.4	2.456	3.404	5.9	21.3
3 22	10 15.62	+16 14.5	2.517	3.404	8.9	21.5
4 1	10 10.70	+16 27.8	2.603	3.404	11.5	21.6

464928 2005 UL_{165} 2 26.1 142°.93 0°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.74	+ 4 37.2	2.054	2.855	13.5	22.4
2 1	10 52.93	+ 5 3.0	1.974	2.862	10.3	22.2
2 11	10 46.13	+ 5 42.1	1.919	2.868	6.6	22.0
2 21	10 37.96	+ 6 30.7	1.890	2.874	2.5	21.7
3 2	10 29.28	+ 7 23.7	1.891	2.879	1.9	21.7
3 12	10 21.06	+ 8 15.0	1.922	2.884	6.0	22.0
3 22	10 14.14	+ 8 59.6	1.979	2.889	9.7	22.2
4 1	10 9.18	+ 9 33.8	2.061	2.894	13.0	22.4

373329 2012 JW_{23} 2 26.1 260°.53 6°.0/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.75	+22 36.4	2.000	2.839	12.4	21.0
2 1	10 53.33	+24 7.7	1.919	2.825	9.6	20.8
2 11	10 46.61	+25 41.3	1.863	2.810	7.0	20.6
2 21	10 38.19	+27 8.0	1.835	2.795	6.0	20.5
3 2	10 29.01	+28 19.0	1.836	2.780	7.6	20.6
3 12	10 20.21	+29 7.8	1.863	2.765	10.5	20.7
3 22	10 12.83	+29 31.8	1.914	2.750	13.6	20.9
4 1	10 7.65	+29 31.3	1.985	2.734	16.3	21.1

223708 2004 RD_{61} 2 26.1 218°.10 1°.2/27.2 18

1 22	10 56.28	+ 3 0.8	2.071	2.869	13.6	20.6
2 1	10 51.91	+ 3 26.1	1.981	2.866	10.5	20.3
2 11	10 45.56	+ 4 6.3	1.915	2.862	6.8	20.1
2 21	10 37.79	+ 4 58.1	1.876	2.858	2.9	19.8
3 2	10 29.43	+ 5 56.6	1.865	2.853	2.0	19.8
3 12	10 21.42	+ 6 55.4	1.884	2.849	5.9	20.0
3 22	10 14.65	+ 7 49.0	1.931	2.844	9.8	20.2
4 1	10 9.78	+ 8 32.8	2.001	2.839	13.1	20.4

327275 2005 SS_{233} 2 26.1 219°.01 2°.9/28.9 17

1 22	10 56.39	− 2 13.4	2.121	2.895	14.1	21.6
2 1	10 51.99	− 1 59.1	2.024	2.889	11.2	21.4
2 11	10 45.62	− 1 26.7	1.951	2.883	7.9	21.2
2 21	10 37.82	− 0 37.9	1.904	2.876	4.4	21.0
3 2	10 29.39	+ 0 23.2	1.886	2.869	3.1	20.9
3 12	10 21.28	+ 1 30.7	1.897	2.862	5.8	21.0
3 22	10 14.35	+ 2 38.0	1.936	2.854	9.4	21.2
4 1	10 9.29	+ 3 39.3	1.999	2.846	12.8	21.4

170854 2004 FX_{115} 2 26.1 323°.91 5°.3/20.6 18

1 22	10 57.37	+23 22.0	2.189	3.024	11.6	20.1
2 1	10 52.69	+24 23.1	2.118	3.022	8.9	19.9
2 11	10 46.00	+25 23.3	2.073	3.020	6.4	19.8
2 21	10 37.93	+26 15.5	2.056	3.017	5.3	19.7
3 2	10 29.35	+26 53.4	2.066	3.015	6.6	19.8
3 12	10 21.26	+27 12.7	2.105	3.013	9.2	19.9
3 22	10 14.51	+27 12.1	2.167	3.011	11.9	20.1
4 1	10 9.75	+26 52.6	2.252	3.009	14.4	20.3

373363 2012 KW_{46} 2 26.1 317°.34 8°.1/18.7 18

1 22	10 58.87	+26 45.0	1.655	2.502	14.1	20.2
2 1	10 54.58	+28 13.8	1.588	2.493	11.2	20.0
2 11	10 47.54	+29 39.8	1.544	2.484	8.8	19.8
2 21	10 38.54	+30 52.1	1.526	2.476	8.1	19.8
3 2	10 28.75	+31 40.9	1.534	2.468	9.8	19.8
3 12	10 19.60	+32 0.5	1.566	2.460	12.7	20.0
3 22	10 12.30	+31 50.1	1.620	2.452	15.8	20.2
4 1	10 7.69	+31 12.8	1.693	2.445	18.6	20.3

252005 2000 FN_9 2 26.1 160°.27 2°.4/24.3 18

1 22	11 0.46	+13 29.2	1.744	2.574	14.4	20.4
2 1	10 55.36	+14 1.2	1.669	2.574	10.7	20.1
2 11	10 47.83	+14 40.4	1.617	2.575	6.6	19.9
2 21	10 38.59	+15 20.7	1.592	2.575	2.8	19.7
3 2	10 28.72	+15 55.5	1.595	2.576	4.0	19.7
3 12	10 19.44	+16 19.0	1.626	2.576	8.1	20.0
3 22	10 11.80	+16 27.9	1.682	2.576	12.1	20.2
4 1	10 6.56	+16 21.1	1.760	2.577	15.6	20.4

500437 2012 TU_{160} 2 26.1 112°.89 0°.4/26.5 17

1 22	10 54.46	+ 4 57.5	2.486	3.285	11.5	22.2
2 1	10 50.14	+ 5 34.7	2.408	3.295	8.7	22.0
2 11	10 44.25	+ 6 23.0	2.356	3.306	5.5	21.8
2 21	10 37.30	+ 7 18.9	2.332	3.316	2.0	21.6
3 2	10 29.98	+ 8 17.5	2.339	3.327	1.7	21.6
3 12	10 23.04	+ 9 13.8	2.375	3.337	5.1	21.8
3 22	10 17.13	+10 3.5	2.440	3.346	8.3	22.0
4 1	10 12.78	+10 43.3	2.530	3.356	11.1	22.2

451222 2010 BE_{67} 2 26.1 30°.30 21°.2/ 8.4 17

1 22	11 12.07	+52 47.6	1.100	1.908	22.3	20.3
2 1	11 6.82	+55 10.4	1.095	1.920	21.4	20.3
2 11	10 55.90	+56 50.3	1.106	1.933	21.2	20.3
2 21	10 41.35	+57 32.3	1.132	1.947	21.8	20.4
3 2	10 26.39	+57 10.0	1.174	1.962	22.8	20.5
3 12	10 14.23	+55 48.4	1.229	1.978	24.2	20.7
3 22	10 6.63	+53 39.9	1.296	1.995	25.5	20.8
4 1	10 3.98	+50 58.1	1.375	2.013	26.7	21.0

233657 2008 QE_{23} 2 26.1 75°.39 2°.5/27.9 18

1 22	11 1.42	+ 2 13.2	1.974	2.762	14.5	20.1
2 1	10 55.67	+ 1 49.5	1.900	2.776	11.3	19.9
2 11	10 47.81	+ 1 38.7	1.850	2.790	7.6	19.7
2 21	10 38.55	+ 1 39.4	1.827	2.804	3.9	19.5
3 2	10 28.81	+ 1 48.8	1.833	2.818	2.8	19.5
3 12	10 19.65	+ 2 2.7	1.868	2.832	6.0	19.7
3 22	10 11.96	+ 2 16.9	1.931	2.846	9.6	19.9
4 1	10 6.38	+ 2 27.9	2.018	2.860	12.8	20.2

148915 2001 XR_{36} 2 26.1 193°.06 3°.2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.70	− 1 50.1	2.274	3.039	13.5	20.3
2 1	10 54.31	− 2 2.7	2.179	3.037	10.8	20.1
2 11	10 47.00	− 2 0.5	2.108	3.035	7.6	19.9
2 21	10 38.30	− 1 44.5	2.064	3.033	4.5	19.7
3 2	10 29.01	− 1 16.9	2.049	3.029	3.3	19.6
3 12	10 20.06	− 0 42.2	2.064	3.026	5.7	19.7
3 22	10 12.28	− 0 5.1	2.107	3.022	9.0	19.9
4 1	10 6.33	+ 0 29.7	2.176	3.017	12.1	20.1

191818 2004 TU_{306} 2 26.1 221°.58 1°.8/27.7 18

1 22	10 58.65	+ 2 40.0	2.082	2.874	13.7	20.4
2 1	10 53.69	+ 2 37.5	1.991	2.870	10.7	20.2
2 11	10 46.68	+ 2 48.4	1.924	2.866	7.1	19.9
2 21	10 38.20	+ 3 10.4	1.883	2.862	3.4	19.7
3 2	10 29.11	+ 3 39.9	1.871	2.858	2.3	19.6
3 12	10 20.40	+ 4 12.3	1.889	2.854	5.9	19.8
3 22	10 12.96	+ 4 42.7	1.934	2.849	9.7	20.0
4 1	10 7.48	+ 5 7.1	2.004	2.844	13.0	20.2

188321 2003 HM_7 2 26.1 225°.53 5°.1/20.9 17

1 22	11 0.74	+23 6.4	2.278	3.105	11.5	20.8
2 1	10 55.23	+24 5.4	2.196	3.096	8.8	20.6
2 11	10 47.61	+25 4.1	2.141	3.086	6.3	20.4
2 21	10 38.52	+25 55.4	2.114	3.076	5.1	20.3
3 2	10 28.82	+26 32.8	2.116	3.065	6.4	20.3
3 12	10 19.55	+26 52.0	2.146	3.054	9.0	20.5
3 22	10 11.62	+26 51.6	2.202	3.043	11.9	20.6
4 1	10 5.71	+26 32.3	2.279	3.031	14.4	20.8

397508 2007 SM_7 2 26.1 154°.22 1°.2/24.9 18

1 22	11 1.31	+ 9 54.1	2.027	2.838	13.3	22.2
2 1	10 55.62	+10 35.5	1.952	2.848	10.0	22.0
2 11	10 47.82	+11 26.5	1.901	2.856	6.1	21.8
2 21	10 38.57	+12 21.7	1.879	2.864	2.1	21.5
3 2	10 28.80	+13 14.9	1.887	2.871	2.9	21.6
3 12	10 19.56	+14 0.1	1.925	2.877	6.9	21.8
3 22	10 11.76	+14 33.4	1.989	2.883	10.6	22.1
4 1	10 6.05	+14 52.5	2.078	2.888	13.7	22.3

28248 Barthelemy 2 26.1 136°.43 0°.3/26.3 18

1 22	10 59.49	+ 6 0.8	2.202	3.002	12.8	19.0
2 1	10 54.07	+ 6 26.4	2.127	3.014	9.7	18.8
2 11	10 46.76	+ 7 3.2	2.077	3.027	6.1	18.6
2 21	10 38.19	+ 7 47.3	2.054	3.038	2.2	18.3
3 2	10 29.18	+ 8 33.8	2.062	3.050	1.9	18.3
3 12	10 20.66	+ 9 17.4	2.100	3.060	5.8	18.6
3 22	10 13.42	+ 9 53.9	2.166	3.070	9.3	18.8
4 1	10 8.06	+10 20.3	2.256	3.079	12.3	19.0

323424 2004 FK_3 2 26.1 102°.97 6°.5/ 3.2 18

1 22	10 56.99	−14 9.5	1.194	1.954	23.6	20.7
2 1	10 53.61	−12 58.9	1.122	1.966	19.7	20.4
2 11	10 47.14	−10 58.8	1.067	1.979	14.9	20.2
2 21	10 38.44	− 8 10.7	1.034	1.992	9.8	19.9
3 2	10 28.91	− 4 45.9	1.026	2.004	6.5	19.8
3 12	10 20.18	− 1 5.4	1.046	2.015	8.7	19.9
3 22	10 13.63	+ 2 28.2	1.093	2.027	13.4	20.2
4 1	10 10.14	+ 5 36.4	1.163	2.038	18.1	20.5

255916 2006 SD_{358} 2 26.1 7°.62 1°.8/24.8 18

1 22	10 59.27	+11 34.5	1.596	2.428	15.3	21.2
2 1	10 54.67	+12 3.5	1.522	2.429	11.5	20.9
2 11	10 47.50	+12 42.3	1.470	2.429	7.1	20.7
2 21	10 38.52	+13 25.0	1.444	2.430	2.6	20.4
3 2	10 28.85	+14 4.2	1.446	2.430	3.6	20.5
3 12	10 19.80	+14 33.5	1.475	2.431	8.2	20.7
3 22	10 12.48	+14 48.8	1.529	2.432	12.5	21.0
4 1	10 7.69	+14 48.3	1.605	2.434	16.2	21.2

290912 2005 WB_{107} 2 26.1 77°.14 0°.3/26.3 18

1 22	10 56.81	+ 5 38.2	1.828	2.641	14.5	21.4
2 1	10 52.48	+ 6 7.8	1.751	2.646	11.0	21.2
2 11	10 45.98	+ 6 51.5	1.697	2.650	6.9	21.0
2 21	10 37.97	+ 7 45.1	1.670	2.655	2.5	20.7
3 2	10 29.38	+ 8 42.2	1.671	2.659	2.2	20.7
3 12	10 21.30	+ 9 36.1	1.701	2.664	6.6	21.0
3 22	10 14.66	+10 21.2	1.757	2.668	10.7	21.2
4 1	10 10.16	+10 53.7	1.835	2.673	14.2	21.5

378718 2008 QH_9 2 26.1 130°.30 0°.4/26.6 18

1 22	10 55.65	+ 4 5.0	2.315	3.112	12.3	21.4
2 1	10 51.15	+ 4 51.5	2.237	3.123	9.4	21.2
2 11	10 44.94	+ 5 51.1	2.185	3.134	5.9	21.0
2 21	10 37.57	+ 6 59.6	2.160	3.144	2.2	20.8
3 2	10 29.78	+ 8 11.5	2.166	3.154	1.8	20.8
3 12	10 22.40	+ 9 20.8	2.202	3.164	5.5	21.1
3 22	10 16.15	+10 22.2	2.267	3.173	8.9	21.3
4 1	10 11.59	+11 12.1	2.356	3.182	11.8	21.5

431565 2007 UE_{92} 2 26.1 30°.28 2°.6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.03	+14 29.3	1.819	2.654	13.6	20.7
2 1	10 52.59	+15 2.6	1.756	2.664	10.1	20.5
2 11	10 45.98	+15 41.6	1.716	2.675	6.2	20.3
2 21	10 37.95	+16 20.2	1.704	2.687	2.9	20.1
3 2	10 29.46	+16 52.2	1.719	2.698	4.1	20.2
3 12	10 21.61	+17 12.7	1.762	2.711	7.8	20.4
3 22	10 15.29	+17 19.0	1.830	2.724	11.4	20.7
4 1	10 11.13	+17 10.3	1.921	2.737	14.5	20.9

341767 2007 VC_{330} 2 26.1 77°.12 0°.4/26.5 17

1 22	10 55.55	+ 5 21.0	2.267	3.070	12.4	21.7
2 1	10 51.04	+ 5 50.4	2.198	3.087	9.4	21.5
2 11	10 44.84	+ 6 31.0	2.155	3.105	5.9	21.3
2 21	10 37.53	+ 7 19.0	2.139	3.123	2.1	21.1
3 2	10 29.86	+ 8 9.7	2.152	3.140	1.8	21.1
3 12	10 22.67	+ 8 57.7	2.196	3.157	5.4	21.3
3 22	10 16.65	+ 9 39.0	2.266	3.175	8.8	21.6
4 1	10 12.33	+10 10.3	2.362	3.192	11.6	21.8

492417 2014 KV_{93} 2 26.1 251°.65 3°.8/23.2 18

1 22	11 0.88	+14 39.9	1.526	2.365	15.6	22.0
2 1	10 56.25	+15 43.0	1.442	2.352	11.7	21.8
2 11	10 48.73	+16 56.4	1.381	2.340	7.4	21.5
2 21	10 39.04	+18 11.5	1.346	2.327	4.0	21.2
3 2	10 28.35	+19 18.1	1.338	2.314	5.7	21.3
3 12	10 18.15	+20 7.3	1.357	2.300	10.2	21.5
3 22	10 9.77	+20 34.3	1.400	2.287	14.6	21.7
4 1	10 4.18	+20 37.8	1.463	2.272	18.5	22.0

461099 2015 BR_{97} 2 26.1 177°.32 3°.8/21.8 16

1 22	10 58.50	+18 49.8	2.440	3.266	10.9	22.1
2 1	10 53.32	+19 57.4	2.366	3.268	8.2	21.9
2 11	10 46.33	+21 7.7	2.318	3.269	5.4	21.7
2 21	10 38.07	+22 14.3	2.299	3.271	3.8	21.6
3 2	10 29.34	+23 10.9	2.310	3.271	5.0	21.7
3 12	10 21.01	+23 52.9	2.350	3.271	7.7	21.9
3 22	10 13.85	+24 17.9	2.417	3.270	10.5	22.1
4 1	10 8.48	+24 25.6	2.507	3.269	13.0	22.2

22025 1999 XS_{118} 2 26.1 204°.07 4°.1/21.7 18

1 22	10 59.09	+20 19.2	2.393	3.219	11.0	18.9
2 1	10 53.83	+21 14.0	2.314	3.215	8.3	18.7
2 11	10 46.68	+22 10.0	2.261	3.211	5.6	18.6
2 21	10 38.20	+23 1.3	2.236	3.206	4.1	18.4
3 2	10 29.21	+23 41.8	2.242	3.201	5.3	18.5
3 12	10 20.64	+24 7.4	2.276	3.196	8.0	18.7
3 22	10 13.28	+24 16.1	2.336	3.189	10.8	18.8
4 1	10 7.76	+24 8.0	2.419	3.183	13.3	19.0

138334 2000 GW_{98} 2 26.1 1°.58 0°.3/26.2 18

1 22	10 56.56	+ 8 12.2	1.175	2.022	18.7	18.7
2 1	10 53.34	+ 8 2.7	1.107	2.020	14.2	18.5
2 11	10 47.01	+ 8 7.7	1.059	2.018	9.0	18.2
2 21	10 38.44	+ 8 22.6	1.033	2.018	3.2	17.8
3 2	10 28.99	+ 8 41.4	1.032	2.020	2.9	17.8
3 12	10 20.32	+ 8 56.6	1.055	2.023	8.7	18.1
3 22	10 13.82	+ 9 3.0	1.100	2.028	14.0	18.4
4 1	10 10.37	+ 8 56.9	1.165	2.034	18.5	18.7

140667 2001 UT_{47} 2 26.1 180°.84 2°.2/23.7 18

1 22	10 58.51	+13 21.9	2.382	3.199	11.4	20.9
2 1	10 53.35	+14 17.7	2.301	3.201	8.5	20.7
2 11	10 46.35	+15 20.1	2.246	3.202	5.2	20.5
2 21	10 38.09	+16 23.7	2.220	3.202	2.5	20.3
3 2	10 29.33	+17 22.3	2.224	3.201	3.6	20.4
3 12	10 20.95	+18 10.7	2.259	3.200	6.8	20.6
3 22	10 13.74	+18 45.6	2.320	3.198	9.9	20.8
4 1	10 8.29	+19 5.5	2.406	3.195	12.7	21.0

56960 2000 SN_{46} 2 26.1 133°.14 5°.5/ 3.5 18

1 22	10 56.05	−11 47.0	2.768	3.472	12.7	19.3
2 1	10 51.27	−12 12.3	2.679	3.481	10.7	19.1
2 11	10 44.95	−12 20.4	2.613	3.490	8.6	19.0
2 21	10 37.59	−12 10.8	2.571	3.499	6.6	18.9
3 2	10 29.82	−11 44.7	2.558	3.507	5.5	18.8
3 12	10 22.34	−11 5.1	2.574	3.515	6.1	18.9
3 22	10 15.82	−10 16.6	2.618	3.523	7.9	19.0
4 1	10 10.75	− 9 24.2	2.688	3.530	10.0	19.1

192713 1999 TB_{124} 2 26.1 196°.17 1°.0/24.9 18

1 22	10 57.35	+10 18.6	2.720	3.525	10.5	21.6
2 1	10 52.28	+10 58.6	2.628	3.522	7.8	21.4
2 11	10 45.61	+11 46.0	2.564	3.518	4.8	21.2
2 21	10 37.83	+12 36.7	2.529	3.513	1.7	21.0
3 2	10 29.60	+13 26.2	2.524	3.508	2.3	21.0
3 12	10 21.65	+14 10.1	2.551	3.502	5.5	21.2
3 22	10 14.68	+14 44.9	2.606	3.495	8.6	21.4
4 1	10 9.22	+15 8.5	2.687	3.488	11.2	21.6

365135 2009 DA_{39} 2 26.1 30°.08 0°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.22	+10 17.0	1.410	2.242	17.0	21.3
2 1	10 57.15	+10 22.0	1.339	2.245	12.8	21.0
2 11	10 49.17	+10 37.7	1.291	2.249	8.0	20.8
2 21	10 39.14	+10 58.9	1.267	2.252	2.7	20.5
3 2	10 28.36	+11 19.3	1.269	2.256	3.1	20.5
3 12	10 18.36	+11 32.5	1.299	2.260	8.4	20.8
3 22	10 10.39	+11 34.7	1.353	2.265	13.1	21.1
4 1	10 5.28	+11 24.0	1.427	2.270	17.2	21.4

152686 1998 QG_{42} 2 26.1 176°.45 0°.3/26.3 18

1 22	11 4.12	+ 6 34.3	1.958	2.757	14.2	20.7
2 1	10 57.88	+ 6 50.0	1.874	2.760	10.8	20.4
2 11	10 49.33	+ 7 17.5	1.813	2.763	6.8	20.2
2 21	10 39.16	+ 7 52.9	1.780	2.765	2.5	19.9
3 2	10 28.34	+ 8 31.0	1.778	2.765	2.2	19.9
3 12	10 18.02	+ 9 6.4	1.805	2.765	6.6	20.2
3 22	10 9.21	+ 9 34.3	1.860	2.764	10.6	20.4
4 1	10 2.64	+ 9 51.9	1.939	2.761	14.1	20.6

124817 2001 SV_{290} 2 26.1 97°.00 4°.2/22.7 18

1 22	11 2.33	+15 39.6	1.532	2.370	15.6	19.3
2 1	10 56.87	+16 58.4	1.481	2.391	11.6	19.1
2 11	10 48.77	+18 23.5	1.454	2.411	7.3	18.9
2 21	10 38.94	+19 45.1	1.453	2.431	4.3	18.7
3 2	10 28.62	+20 53.2	1.480	2.451	5.9	18.9
3 12	10 19.19	+21 40.9	1.534	2.470	9.8	19.1
3 22	10 11.74	+22 5.4	1.612	2.489	13.6	19.4
4 1	10 6.96	+22 7.6	1.711	2.507	16.8	19.7

21415 Nicobrenner 2 26.1 199°.87 1°.3/24.9 18 R

1 22	11 0.30	+10 19.0	2.096	2.909	12.9	19.1
2 1	10 54.95	+11 0.4	2.009	2.906	9.7	18.9
2 11	10 47.50	+11 51.5	1.946	2.901	6.0	18.6
2 21	10 38.53	+12 47.0	1.911	2.896	2.1	18.4
3 2	10 28.93	+13 40.8	1.907	2.890	2.9	18.4
3 12	10 19.73	+14 27.0	1.932	2.884	6.9	18.6
3 22	10 11.84	+15 1.3	1.984	2.876	10.6	18.9
4 1	10 5.99	+15 21.4	2.060	2.868	13.9	19.1

358032 2006 FB_{18} 2 26.1 261°.69 0°.8/25.5 14 C

1 22	10 59.21	+ 8 1.9	1.720	2.539	15.0	22.2
2 1	10 54.72	+ 8 39.4	1.622	2.522	11.4	22.0
2 11	10 47.68	+ 9 31.5	1.547	2.503	7.1	21.7
2 21	10 38.68	+10 33.2	1.499	2.485	2.4	21.3
3 2	10 28.72	+11 37.3	1.479	2.465	2.9	21.3
3 12	10 19.07	+12 35.6	1.487	2.446	7.9	21.6
3 22	10 10.91	+13 21.8	1.521	2.426	12.5	21.8
4 1	10 5.16	+13 51.8	1.576	2.405	16.5	22.0

521003 2015 BE_{547} 2 26.1 37°.18 0°.7/26.7 17

1 22	10 57.94	+ 6 7.2	2.136	2.940	13.0	21.0
2 1	10 53.05	+ 6 7.9	2.053	2.942	9.9	20.7
2 11	10 46.23	+ 6 18.9	1.994	2.944	6.3	20.5
2 21	10 38.07	+ 6 37.4	1.963	2.946	2.4	20.3
3 2	10 29.41	+ 6 59.6	1.961	2.949	1.9	20.2
3 12	10 21.18	+ 7 21.1	1.988	2.951	5.8	20.5
3 22	10 14.22	+ 7 38.2	2.043	2.954	9.4	20.7
4 1	10 9.14	+ 7 48.0	2.122	2.957	12.6	20.9

418229 2008 CD_{208} 2 26.1 221°.32 0°.4/25.8 16

1 22	10 57.98	+ 7 18.4	1.898	2.713	14.0	21.9
2 1	10 53.41	+ 7 55.0	1.811	2.708	10.6	21.6
2 11	10 46.63	+ 8 44.9	1.748	2.703	6.6	21.4
2 21	10 38.26	+ 9 43.1	1.712	2.697	2.2	21.1
3 2	10 29.21	+10 43.2	1.705	2.692	2.4	21.1
3 12	10 20.57	+11 38.5	1.726	2.685	6.9	21.3
3 22	10 13.32	+12 23.4	1.774	2.679	11.0	21.6
4 1	10 8.19	+12 54.4	1.845	2.673	14.5	21.8

375984 2009 WZ_{251} 2 26.1 104°.22 2°.4/23.8 18

1 22	10 57.80	+13 22.6	2.023	2.850	12.8	21.1
2 1	10 53.01	+14 13.2	1.955	2.860	9.5	20.9
2 11	10 46.22	+15 10.6	1.912	2.870	5.8	20.7
2 21	10 38.06	+16 8.7	1.897	2.879	2.7	20.5
3 2	10 29.45	+17 1.0	1.910	2.889	3.8	20.6
3 12	10 21.37	+17 41.9	1.953	2.898	7.4	20.8
3 22	10 14.68	+18 8.2	2.021	2.907	10.8	21.0
4 1	10 9.99	+18 18.6	2.113	2.916	13.7	21.2

126240 2002 AY_{61} 2 26.1 206°.73 2°.3/28.2 18

1 22	10 59.81	+ 0 45.3	2.418	3.191	12.6	20.3
2 1	10 54.32	+ 0 36.7	2.320	3.186	9.9	20.1
2 11	10 47.00	+ 0 40.5	2.246	3.181	6.8	19.9
2 21	10 38.35	+ 0 55.3	2.200	3.174	3.6	19.7
3 2	10 29.13	+ 1 18.6	2.184	3.168	2.6	19.6
3 12	10 20.22	+ 1 46.4	2.198	3.160	5.4	19.7
3 22	10 12.39	+ 2 14.6	2.241	3.153	8.7	19.9
4 1	10 6.30	+ 2 39.5	2.309	3.144	11.7	20.1

123720 2000 YP_{133} 2 26.1 94°.77 2°.1/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.72	+12 2.2	1.959	2.787	13.1	20.4
2 1	10 52.29	+12 57.1	1.889	2.794	9.7	20.1
2 11	10 45.82	+14 0.8	1.843	2.801	5.9	19.9
2 21	10 37.94	+15 6.8	1.824	2.808	2.5	19.7
3 2	10 29.56	+16 8.2	1.835	2.815	3.7	19.8
3 12	10 21.69	+16 58.7	1.874	2.822	7.4	20.1
3 22	10 15.21	+17 34.3	1.939	2.829	11.0	20.3
4 1	10 10.75	+17 53.2	2.026	2.835	14.0	20.5

421836 2014 QQ_{119} 2 26.1 234°.18 0°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.73	+ 6 17.1	1.622	2.439	15.8	21.3
2 1	10 55.06	+ 6 36.6	1.539	2.436	12.1	21.1
2 11	10 47.82	+ 7 10.9	1.478	2.432	7.7	20.8
2 21	10 38.70	+ 7 55.8	1.443	2.428	2.7	20.5
3 2	10 28.79	+ 8 44.8	1.436	2.424	2.4	20.5
3 12	10 19.39	+ 9 30.7	1.456	2.420	7.4	20.8
3 22	10 11.65	+10 7.5	1.502	2.415	12.0	21.0
4 1	10 6.41	+10 31.1	1.570	2.411	16.0	21.3

212303 2005 NZ_{71} 2 26.1 267°.39 0°.5/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.80	+ 4 23.2	2.429	3.228	11.8	21.3
2 1	10 49.88	+ 4 57.8	2.329	3.215	9.0	21.1
2 11	10 44.25	+ 5 45.1	2.253	3.202	5.8	20.9
2 21	10 37.41	+ 6 41.8	2.205	3.189	2.2	20.6
3 2	10 30.03	+ 7 43.3	2.187	3.175	1.7	20.5
3 12	10 22.89	+ 8 44.1	2.199	3.162	5.4	20.8
3 22	10 16.72	+ 9 39.1	2.239	3.148	8.8	20.9
4 1	10 12.14	+10 24.5	2.304	3.134	11.9	21.1

461996 2006 WB_{112} 2 26.1 147°.00 1°.8/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.02	+11 19.4	2.194	3.009	12.3	22.0
2 1	10 53.79	+12 13.9	2.121	3.020	9.1	21.8
2 11	10 46.65	+13 16.6	2.074	3.030	5.6	21.6
2 21	10 38.22	+14 21.9	2.055	3.039	2.2	21.4
3 2	10 29.32	+15 23.4	2.066	3.047	3.2	21.5
3 12	10 20.90	+16 15.4	2.108	3.055	6.7	21.8
3 22	10 13.76	+16 54.1	2.176	3.063	10.1	22.0
4 1	10 8.52	+17 17.8	2.269	3.069	13.0	22.2

498949 2009 BD_{70} 2 26.1 359°.32 2°.2/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.90	+ 4 45.1	1.625	2.439	16.0	20.0
2 1	10 54.36	+ 4 7.5	1.545	2.436	12.4	19.7
2 11	10 47.33	+ 3 41.9	1.486	2.435	8.2	19.5
2 21	10 38.52	+ 3 26.9	1.453	2.434	3.9	19.2
3 2	10 29.00	+ 3 19.9	1.447	2.434	2.8	19.1
3 12	10 20.03	+ 3 17.1	1.468	2.435	6.9	19.4
3 22	10 12.70	+ 3 14.5	1.515	2.437	11.2	19.6
4 1	10 7.81	+ 3 8.3	1.584	2.440	15.0	19.9

431209 2006 SP_{179} 2 26.1 239°.24 1°.9/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.35	− 0 12.1	2.428	3.210	12.3	21.8
2 1	10 49.48	+ 0 15.6	2.334	3.206	9.6	21.6
2 11	10 43.97	+ 0 58.5	2.265	3.203	6.5	21.4
2 21	10 37.31	+ 1 54.1	2.222	3.199	3.3	21.2
3 2	10 30.17	+ 2 58.2	2.209	3.195	2.1	21.1
3 12	10 23.31	+ 4 5.3	2.225	3.191	5.1	21.3
3 22	10 17.45	+ 5 10.0	2.270	3.187	8.3	21.5
4 1	10 13.15	+ 6 7.5	2.341	3.183	11.3	21.7

90214 2003 AP_{81} 2 26.1 333°.52 8°.9/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.63	+32 24.2	1.903	2.740	13.0	19.2
2 1	10 54.19	+33 46.0	1.839	2.729	10.8	19.1
2 11	10 47.23	+34 59.7	1.798	2.719	9.2	19.0
2 21	10 38.48	+35 55.8	1.783	2.709	9.1	18.9
3 2	10 29.07	+36 26.3	1.794	2.700	10.5	19.0
3 12	10 20.28	+36 27.4	1.828	2.691	12.8	19.1
3 22	10 13.21	+35 59.7	1.884	2.683	15.2	19.3
4 1	10 8.62	+35 6.6	1.958	2.675	17.5	19.4

240039 2001 UC_{117} 2 26.1 91°.51 5°.7/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.82	−13 5.7	2.481	3.188	14.0	20.4
2 1	10 49.76	−13 7.3	2.397	3.201	11.8	20.2
2 11	10 44.09	−12 47.8	2.335	3.215	9.4	20.1
2 21	10 37.33	−12 7.2	2.298	3.228	7.1	20.0
3 2	10 30.18	−11 7.8	2.288	3.241	5.8	19.9
3 12	10 23.39	− 9 54.4	2.307	3.253	6.3	20.0
3 22	10 17.65	− 8 33.2	2.353	3.266	8.2	20.1
4 1	10 13.47	− 7 10.7	2.425	3.279	10.6	20.3

275594 1999 VU_{102} 2 26.1 46°.12 4°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.55	− 4 24.8	1.706	2.486	16.7	20.3
2 1	10 51.60	− 4 24.7	1.639	2.503	13.4	20.1
2 11	10 45.46	− 4 2.1	1.592	2.520	9.6	19.9
2 21	10 37.85	− 3 18.9	1.571	2.538	5.9	19.8
3 2	10 29.74	− 2 19.7	1.576	2.556	4.3	19.7
3 12	10 22.24	− 1 11.8	1.608	2.574	6.6	19.9
3 22	10 16.25	− 0 2.9	1.667	2.592	10.2	20.1
4 1	10 12.44	+ 0 59.9	1.749	2.611	13.6	20.4

137436 1999 TE_{226} 2 26.1 234°.17 0°.1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.53	+ 6 29.0	1.928	2.736	14.0	20.9
2 1	10 54.63	+ 6 57.2	1.833	2.725	10.7	20.7
2 11	10 47.46	+ 7 38.8	1.761	2.713	6.8	20.4
2 21	10 38.60	+ 8 29.7	1.716	2.701	2.4	20.1
3 2	10 28.96	+ 9 24.2	1.700	2.688	2.3	20.1
3 12	10 19.66	+10 15.7	1.714	2.674	6.8	20.3
3 22	10 11.72	+10 58.5	1.754	2.661	11.0	20.5
4 1	10 5.93	+11 28.8	1.818	2.646	14.6	20.7

113485 2002 TX_{1} 2 26.1 153°.98 1°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.16	+ 9 27.1	1.611	2.432	15.8	20.1
2 1	10 57.56	+10 2.2	1.538	2.438	11.9	19.9
2 11	10 49.32	+10 49.6	1.488	2.445	7.3	19.6
2 21	10 39.21	+11 42.9	1.465	2.450	2.5	19.3
3 2	10 28.43	+12 34.8	1.470	2.455	3.2	19.4
3 12	10 18.31	+13 17.8	1.503	2.460	8.0	19.7
3 22	10 10.02	+13 47.2	1.562	2.464	12.4	20.0
4 1	10 4.33	+14 0.6	1.642	2.467	16.1	20.2

419810 2010 WE_{64} 2 26.1 173°.96 2°.4/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.31	+13 29.6	2.144	2.965	12.4	21.7
2 1	10 54.14	+14 23.3	2.066	2.968	9.2	21.5
2 11	10 46.95	+15 24.0	2.014	2.970	5.7	21.2
2 21	10 38.37	+16 25.8	1.989	2.972	2.7	21.0
3 2	10 29.24	+17 22.0	1.995	2.973	3.8	21.1
3 12	10 20.57	+18 6.9	2.030	2.973	7.3	21.3
3 22	10 13.22	+18 37.3	2.092	2.973	10.7	21.5
4 1	10 7.82	+18 51.6	2.177	2.973	13.7	21.7

354526 2004 RU_{99} 2 26.1 174°.33 1°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.59	+ 3 42.2	1.975	2.766	14.4	22.1
2 1	10 56.73	+ 3 52.8	1.889	2.770	11.1	21.9
2 11	10 48.64	+ 4 17.1	1.828	2.773	7.2	21.7
2 21	10 38.97	+ 4 52.3	1.793	2.775	3.1	21.4
3 2	10 28.66	+ 5 33.6	1.789	2.776	2.2	21.3
3 12	10 18.83	+ 6 15.3	1.814	2.777	6.3	21.6
3 22	10 10.44	+ 6 52.4	1.866	2.776	10.2	21.8
4 1	10 4.22	+ 7 20.8	1.943	2.775	13.7	22.0

81268 2000 FY_{47} 2 26.1 324°.39 3°.2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.98	+12 44.5	1.672	2.510	14.5	19.2
2 1	10 52.19	+14 5.0	1.598	2.509	10.8	19.0
2 11	10 46.01	+15 37.1	1.547	2.507	6.7	18.7
2 21	10 38.10	+17 12.2	1.524	2.506	3.4	18.5
3 2	10 29.50	+18 40.4	1.528	2.505	5.0	18.6
3 12	10 21.40	+19 52.9	1.560	2.503	9.1	18.9
3 22	10 14.87	+20 44.2	1.616	2.502	13.0	19.1
4 1	10 10.68	+21 12.6	1.694	2.501	16.5	19.3

457303 2008 SC_{8} 2 26.1 147°.10 1°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.11	+ 1 47.8	1.869	2.658	15.2	22.6
2 1	10 56.40	+ 2 8.1	1.792	2.670	11.7	22.4
2 11	10 48.43	+ 2 45.1	1.739	2.681	7.7	22.2
2 21	10 38.89	+ 3 35.3	1.712	2.692	3.5	22.0
3 2	10 28.78	+ 4 33.3	1.714	2.701	2.3	21.9
3 12	10 19.24	+ 5 32.2	1.746	2.710	6.4	22.2
3 22	10 11.22	+ 6 25.9	1.805	2.717	10.4	22.4
4 1	10 5.45	+ 7 9.6	1.888	2.724	13.9	22.7

219800 2002 AD_{146} 2 26.1 160°.46 0°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.35	+ 7 48.4	2.152	2.962	12.7	20.9
2 1	10 52.63	+ 8 30.0	2.072	2.966	9.5	20.7
2 11	10 46.00	+ 9 22.7	2.016	2.970	5.9	20.5
2 21	10 38.05	+10 21.7	1.988	2.974	2.0	20.2
3 2	10 29.58	+11 21.3	1.991	2.977	2.3	20.2
3 12	10 21.54	+12 15.5	2.022	2.980	6.2	20.5
3 22	10 14.74	+12 59.7	2.081	2.982	9.8	20.7
4 1	10 9.80	+13 31.0	2.164	2.984	12.9	20.9

131356 2001 JB_{4} 2 26.1 179°.32 5°.9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.69	+25 29.2	2.259	3.091	11.4	19.9
2 1	10 53.70	+26 40.5	2.193	3.092	8.9	19.8
2 11	10 46.68	+27 49.3	2.152	3.092	6.7	19.6
2 21	10 38.28	+28 48.3	2.140	3.092	5.9	19.6
3 2	10 29.38	+29 31.0	2.155	3.092	7.2	19.6
3 12	10 20.97	+29 53.2	2.198	3.092	9.5	19.8
3 22	10 13.93	+29 54.2	2.265	3.092	12.1	20.0
4 1	10 8.87	+29 35.1	2.354	3.091	14.4	20.1

6030 Zolensky 2 26.1 136°.10 0°.6/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.19	+ 4 20.8	2.492	3.289	11.6	17.9
2 1	10 50.02	+ 4 53.2	2.408	3.293	8.8	17.7
2 11	10 44.27	+ 5 37.2	2.349	3.297	5.6	17.5
2 21	10 37.43	+ 6 29.4	2.318	3.301	2.2	17.3
3 2	10 30.17	+ 7 25.5	2.317	3.305	1.6	17.2
3 12	10 23.26	+ 8 20.2	2.346	3.309	5.1	17.5
3 22	10 17.35	+ 9 9.3	2.404	3.312	8.3	17.7
4 1	10 12.98	+ 9 49.3	2.486	3.316	11.1	17.9

192083 2006 BS_{155} 2 26.1 54°.73 1°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.05	+11 15.4	1.910	2.738	13.4	20.2
2 1	10 51.90	+12 9.2	1.835	2.741	9.9	20.0
2 11	10 45.66	+13 12.8	1.785	2.743	6.1	19.7
2 21	10 37.95	+14 20.1	1.762	2.746	2.4	19.5
3 2	10 29.69	+15 23.9	1.767	2.749	3.5	19.6
3 12	10 21.91	+16 17.5	1.801	2.751	7.4	19.8
3 22	10 15.51	+16 56.3	1.860	2.754	11.2	20.0
4 1	10 11.17	+17 18.4	1.942	2.757	14.4	20.3

172475 2003 SA_{76} 2 26.1 170°.47 0°.4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.95	+ 7 7.7	2.026	2.832	13.5	21.7
2 1	10 54.70	+ 7 47.3	1.944	2.836	10.2	21.5
2 11	10 47.35	+ 8 39.1	1.887	2.840	6.3	21.2
2 21	10 38.53	+ 9 38.4	1.857	2.843	2.1	21.0
3 2	10 29.14	+10 39.1	1.858	2.845	2.3	21.0
3 12	10 20.20	+11 34.6	1.888	2.846	6.5	21.2
3 22	10 12.62	+12 20.0	1.946	2.847	10.4	21.5
4 1	10 7.09	+12 52.2	2.027	2.847	13.6	21.7

15181 9525 *P–L* 2 26.1 106°.04 2°.4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.30	+12 2.8	1.511	2.343	16.1	18.7
2 1	10 56.96	+12 52.5	1.450	2.356	12.0	18.5
2 11	10 48.94	+13 52.3	1.411	2.370	7.3	18.3
2 21	10 39.09	+14 54.6	1.399	2.383	3.0	18.0
3 2	10 28.65	+15 50.5	1.414	2.395	4.3	18.1
3 12	10 19.03	+16 32.6	1.456	2.408	8.8	18.4
3 22	10 11.35	+16 56.9	1.524	2.420	13.0	18.7
4 1	10 6.36	+17 2.5	1.612	2.431	16.6	19.0

98449 2000 UM_{61} 2 26.1 41°.30 1°.0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.69	+10 8.8	1.387	2.221	17.1	18.8
2 1	10 56.77	+10 20.4	1.320	2.227	12.9	18.6
2 11	10 48.97	+10 43.4	1.274	2.233	8.0	18.3
2 21	10 39.13	+11 12.2	1.253	2.239	2.7	18.0
3 2	10 28.59	+11 39.9	1.259	2.246	3.2	18.1
3 12	10 18.85	+11 59.7	1.291	2.253	8.4	18.4
3 22	10 11.16	+12 7.5	1.348	2.260	13.2	18.7
4 1	10 6.32	+12 1.3	1.425	2.267	17.2	19.0

496153 2010 UC_{25} 2 26.1 87°.11 5°.8/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.74	− 8 52.2	1.827	2.576	16.9	21.4
2 1	10 53.19	− 9 5.8	1.753	2.591	14.0	21.2
2 11	10 46.46	− 8 55.3	1.700	2.606	10.7	21.0
2 21	10 38.23	− 8 20.9	1.670	2.621	7.5	20.8
3 2	10 29.45	− 7 25.7	1.667	2.635	5.8	20.8
3 12	10 21.22	− 6 16.0	1.692	2.650	7.2	20.9
3 22	10 14.47	− 4 59.9	1.743	2.664	10.2	21.1
4 1	10 9.87	− 3 45.4	1.819	2.678	13.3	21.3

491215 2011 UA_{152} 2 26.1 213°.87 0°.9/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.15	+ 4 50.9	1.924	2.722	14.5	22.1
2 1	10 56.59	+ 5 2.6	1.829	2.714	11.1	21.9
2 11	10 48.68	+ 5 27.9	1.758	2.706	7.2	21.6
2 21	10 39.05	+ 6 3.5	1.715	2.697	2.9	21.3
3 2	10 28.63	+ 6 44.8	1.700	2.688	2.2	21.2
3 12	10 18.58	+ 7 25.6	1.715	2.677	6.6	21.5
3 22	10 9.96	+ 8 0.8	1.757	2.666	10.8	21.7
4 1	10 3.56	+ 8 26.4	1.823	2.654	14.5	21.9

280403 2003 UT_{377} 2 26.1 73°.15 2°.0/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.94	+ 0 12.7	2.018	2.809	14.1	21.1
2 1	10 50.94	+ 0 36.9	1.936	2.813	11.0	20.9
2 11	10 45.01	+ 1 18.3	1.877	2.818	7.4	20.7
2 21	10 37.73	+ 2 13.9	1.845	2.823	3.7	20.4
3 2	10 29.93	+ 3 18.7	1.841	2.828	2.4	20.3
3 12	10 22.55	+ 4 26.0	1.866	2.833	5.8	20.6
3 22	10 16.42	+ 5 29.7	1.919	2.838	9.5	20.8
4 1	10 12.17	+ 6 24.4	1.995	2.843	12.8	21.0

523815 2009 HW_{44} 2 26.1 119°.51 11°.6/ 6.8 18 CR

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 31.59	+62 33.8	3.179	3.837	12.0	23.7
2 1	11 19.05	+64 4.8	3.189	3.867	11.7	23.7
2 11	11 2.61	+65 11.1	3.220	3.895	11.7	23.7
2 21	10 43.71	+65 45.8	3.272	3.923	11.9	23.8
3 2	10 24.46	+65 45.5	3.343	3.949	12.4	23.8
3 12	10 7.07	+65 12.0	3.431	3.974	12.9	23.9
3 22	9 53.10	+64 10.9	3.535	3.998	13.5	24.0
4 1	9 43.25	+62 48.8	3.650	4.021	13.9	24.1

385012 2012 TD_{244} 2 26.1 195°.18 3°.3/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.43	+18 3.6	2.420	3.246	10.9	21.8
2 1	10 52.56	+18 49.7	2.342	3.245	8.2	21.6
2 11	10 45.90	+19 38.4	2.290	3.244	5.3	21.4
2 21	10 38.01	+20 24.2	2.267	3.243	3.4	21.3
3 2	10 29.67	+21 1.6	2.273	3.241	4.5	21.3
3 12	10 21.73	+21 26.7	2.309	3.239	7.3	21.5
3 22	10 14.95	+21 37.1	2.370	3.238	10.2	21.7
4 1	10 9.92	+21 32.5	2.455	3.235	12.7	21.9

319397 2006 GU_1 2 26.1 62°.57 2°.0/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.75	+ 0 53.2	1.338	2.154	18.7	20.7
2 1	10 53.79	+ 1 24.6	1.275	2.168	14.4	20.4
2 11	10 47.09	+ 2 20.0	1.233	2.182	9.5	20.2
2 21	10 38.49	+ 3 34.2	1.215	2.197	4.3	19.9
3 2	10 29.24	+ 4 58.8	1.223	2.211	2.7	19.8
3 12	10 20.78	+ 6 22.9	1.258	2.226	7.6	20.2
3 22	10 14.27	+ 7 37.2	1.317	2.241	12.4	20.5
4 1	10 10.49	+ 8 35.4	1.398	2.256	16.5	20.8

221198 2005 UH_{55} 2 26.1 165°.24 0°.8/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.41	+ 9 30.1	2.385	3.191	11.8	21.5
2 1	10 53.98	+10 2.1	2.304	3.197	8.8	21.3
2 11	10 46.76	+10 42.4	2.248	3.202	5.4	21.1
2 21	10 38.30	+11 26.7	2.221	3.206	1.8	20.9
3 2	10 29.39	+12 10.1	2.225	3.210	2.3	20.9
3 12	10 20.90	+12 48.0	2.259	3.213	5.9	21.2
3 22	10 13.57	+13 16.8	2.321	3.215	9.2	21.4
4 1	10 8.00	+13 34.5	2.407	3.217	12.1	21.6

438969 2010 MJ_{71} 2 26.1 179°.94 2°.9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.25	− 4 4.5	3.092	3.842	10.6	21.3
2 1	10 49.07	− 4 2.0	2.996	3.842	8.5	21.2
2 11	10 43.58	− 3 46.7	2.925	3.843	6.2	21.0
2 21	10 37.20	− 3 19.7	2.880	3.843	3.9	20.9
3 2	10 30.45	− 2 43.1	2.866	3.843	2.9	20.8
3 12	10 23.94	− 2 0.4	2.882	3.842	4.4	20.9
3 22	10 18.21	− 1 15.4	2.927	3.842	6.7	21.1
4 1	10 13.72	− 0 31.7	2.998	3.841	9.1	21.2

122531 2000 QJ_{212} 2 26.1 224°.04 0°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.76	+ 7 46.7	1.687	2.506	15.2	20.4
2 1	10 55.06	+ 8 22.8	1.601	2.500	11.6	20.1
2 11	10 47.85	+ 9 13.1	1.539	2.494	7.2	19.8
2 21	10 38.78	+10 12.3	1.502	2.488	2.4	19.5
3 2	10 28.91	+11 13.2	1.494	2.481	2.8	19.5
3 12	10 19.51	+12 8.0	1.514	2.474	7.6	19.8
3 22	10 11.69	+12 50.7	1.560	2.466	12.1	20.1
4 1	10 6.30	+13 17.8	1.628	2.459	16.0	20.3

284134 2005 VD_{38} 2 26.1 224°.59 1°.0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.82	+ 3 10.5	1.725	2.529	15.6	22.0
2 1	10 55.11	+ 3 43.8	1.632	2.519	12.1	21.7
2 11	10 47.91	+ 4 35.8	1.561	2.510	7.9	21.4
2 21	10 38.82	+ 5 42.6	1.516	2.499	3.2	21.1
3 2	10 28.85	+ 6 57.5	1.500	2.488	2.3	21.0
3 12	10 19.26	+ 8 12.2	1.512	2.476	7.1	21.3
3 22	10 11.16	+ 9 18.8	1.551	2.464	11.7	21.5
4 1	10 5.45	+10 11.8	1.612	2.450	15.7	21.7

28639 2000 FK_{49} 2 26.1 2°.68 0°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.02	+ 9 7.3	2.023	2.837	13.3	18.4
2 1	10 54.00	+ 9 11.0	1.941	2.837	10.0	18.2
2 11	10 46.92	+ 9 23.1	1.883	2.837	6.2	17.9
2 21	10 38.40	+ 9 40.3	1.852	2.837	2.1	17.6
3 2	10 29.32	+ 9 58.2	1.850	2.837	2.2	17.7
3 12	10 20.72	+10 12.4	1.877	2.838	6.3	17.9
3 22	10 13.47	+10 19.7	1.931	2.838	10.1	18.1
4 1	10 8.25	+10 17.8	2.009	2.839	13.4	18.4

231691 1997 RX_{10} 2 26.1 284°.23 0°.9/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.81	+ 3 34.1	2.089	2.892	13.3	20.5
2 1	10 50.86	+ 4 2.6	1.999	2.886	10.2	20.3
2 11	10 44.99	+ 4 45.8	1.933	2.881	6.6	20.0
2 21	10 37.75	+ 5 40.0	1.893	2.875	2.7	19.8
3 2	10 29.92	+ 6 40.3	1.882	2.870	1.9	19.7
3 12	10 22.43	+ 7 40.4	1.900	2.865	5.9	19.9
3 22	10 16.13	+ 8 34.6	1.946	2.859	9.7	20.2
4 1	10 11.67	+ 9 18.6	2.015	2.854	13.0	20.4

90861 1996 *JD* 2 26.1 300°.14 5°.2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.42	+17 19.4	1.388	2.238	16.2	19.4
2 1	10 55.37	+18 30.5	1.314	2.230	12.2	19.2
2 11	10 48.30	+19 49.5	1.263	2.221	8.0	18.9
2 21	10 38.99	+21 6.1	1.236	2.213	5.2	18.7
3 2	10 28.73	+22 8.9	1.236	2.206	7.1	18.8
3 12	10 19.11	+22 49.1	1.261	2.198	11.4	19.0
3 22	10 11.49	+23 3.0	1.308	2.191	15.7	19.2
4 1	10 6.84	+22 50.9	1.374	2.183	19.5	19.5

231197 2005 UL_{482} 2 26.1 80°.82 1°.0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.38	+ 6 44.5	1.342	2.175	17.7	20.2
2 1	10 54.35	+ 7 46.6	1.278	2.184	13.3	19.9
2 11	10 47.50	+ 9 7.8	1.235	2.194	8.2	19.6
2 21	10 38.66	+10 40.1	1.217	2.203	2.7	19.3
3 2	10 29.10	+12 12.6	1.226	2.213	3.4	19.4
3 12	10 20.30	+13 34.3	1.262	2.222	8.7	19.7
3 22	10 13.47	+14 37.4	1.321	2.231	13.6	20.0
4 1	10 9.44	+15 18.3	1.401	2.241	17.6	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
420606 2012 HB_{53}			2 26.1 249°.56		5°.4/21.0 17	
	h m	° ′			°	m
1 22	10 59.11	+21 5.3	1.886	2.724	13.1	21.4
2 1	10 54.41	+22 17.7	1.811	2.718	9.9	21.2
2 11	10 47.34	+23 32.3	1.761	2.711	6.9	21.0
2 21	10 38.58	+24 40.6	1.737	2.705	5.4	20.9
3 2	10 29.14	+25 34.1	1.742	2.698	6.9	21.0
3 12	10 20.20	+26 7.1	1.774	2.691	10.0	21.1
3 22	10 12.80	+26 17.3	1.830	2.684	13.3	21.3
4 1	10 7.70	+26 5.3	1.906	2.677	16.2	21.5
101 Helena			2 26.1 184°.47		0°.7/25.6 18	
1 22	11 1.58	+ 9 49.1	2.138	2.946	12.9	12.9
2 1	10 55.84	+10 4.2	2.053	2.946	9.7	12.7
2 11	10 48.03	+10 27.3	1.992	2.946	6.0	12.5
2 21	10 38.78	+10 54.6	1.960	2.945	2.0	12.3
3 2	10 28.97	+11 21.4	1.958	2.944	2.4	12.3
3 12	10 19.61	+11 43.1	1.986	2.943	6.4	12.5
3 22	10 11.58	+11 56.3	2.041	2.941	10.0	12.7
4 1	10 5.57	+11 59.2	2.121	2.938	13.2	12.9
113850 2002 TG_{242}			2 26.1 188°.45		4°.6/20.7 18	
1 22	10 56.97	+21 47.5	2.458	3.289	10.7	20.2
2 1	10 52.25	+22 57.6	2.386	3.288	8.1	20.0
2 11	10 45.74	+24 8.3	2.340	3.287	5.7	19.9
2 21	10 37.98	+25 13.1	2.322	3.286	4.6	19.8
3 2	10 29.74	+26 5.9	2.335	3.285	5.8	19.9
3 12	10 21.90	+26 42.2	2.375	3.283	8.3	20.0
3 22	10 15.21	+27 0.1	2.441	3.281	10.9	20.2
4 1	10 10.28	+26 59.9	2.529	3.279	13.2	20.4
156518 2002 CV_{216}			2 26.1 226°.87		1°.6/24.5 18	
1 22	10 55.47	+ 9 34.4	2.044	2.865	12.9	20.1
2 1	10 51.42	+10 38.4	1.959	2.861	9.6	19.9
2 11	10 45.37	+11 54.2	1.900	2.857	5.9	19.6
2 21	10 37.89	+13 15.9	1.868	2.853	2.2	19.4
3 2	10 29.81	+14 36.1	1.866	2.849	3.2	19.4
3 12	10 22.10	+15 47.5	1.893	2.844	7.1	19.7
3 22	10 15.63	+16 44.9	1.946	2.839	10.8	19.9
4 1	10 11.09	+17 25.2	2.023	2.834	14.0	20.1
356709 2011 UC_{151}			2 26.1 285°.23		4°.4/22.9 18	
1 22	11 0.87	+16 43.5	1.478	2.321	15.7	20.5
2 1	10 56.33	+17 36.1	1.398	2.310	11.9	20.3
2 11	10 48.86	+18 35.8	1.340	2.299	7.7	20.0
2 21	10 39.18	+19 33.9	1.308	2.287	4.5	19.8
3 2	10 28.56	+20 20.7	1.303	2.276	6.2	19.8
3 12	10 18.50	+20 48.4	1.323	2.265	10.5	20.1
3 22	10 10.36	+20 53.6	1.367	2.254	14.9	20.3
4 1	10 5.08	+20 36.5	1.431	2.243	18.7	20.5
153182 2000 UL_{46}			2 26.1 171°.46		3°.9/22.5 18	
1 22	10 59.67	+18 19.5	2.019	2.850	12.6	19.7
2 1	10 54.56	+19 10.2	1.946	2.851	9.5	19.5
2 11	10 47.29	+20 3.8	1.898	2.852	6.2	19.3
2 21	10 38.54	+20 53.6	1.877	2.853	4.0	19.2
3 2	10 29.24	+21 32.9	1.886	2.854	5.3	19.3
3 12	10 20.47	+21 56.8	1.922	2.854	8.5	19.5
3 22	10 13.15	+22 3.1	1.984	2.854	11.7	19.7
4 1	10 7.95	+21 51.9	2.069	2.854	14.6	19.9
211904 2004 LJ_{14}			2 26.1 338°.65		2°.9/22.7 18	
1 22	10 52.88	+13 29.8	2.221	3.052	11.6	19.9
2 1	10 49.35	+14 54.8	2.142	3.049	8.6	19.7
2 11	10 44.01	+16 28.4	2.089	3.047	5.3	19.5
2 21	10 37.41	+18 3.6	2.065	3.045	2.9	19.3
3 2	10 30.28	+19 32.8	2.070	3.043	4.3	19.4
3 12	10 23.50	+20 49.2	2.105	3.041	7.5	19.6
3 22	10 17.84	+21 48.3	2.166	3.040	10.7	19.8
4 1	10 13.92	+22 28.2	2.250	3.038	13.5	20.0
204574 2005 FC_{4}			2 26.1 332°.27		7°.2/19.0 17	
1 22	10 58.09	+26 58.0	1.889	2.731	12.9	19.6
2 1	10 53.69	+28 14.6	1.822	2.724	10.2	19.4
2 11	10 46.91	+29 27.7	1.779	2.718	8.0	19.3
2 21	10 38.43	+30 28.3	1.763	2.712	7.3	19.2
3 2	10 29.33	+31 8.5	1.773	2.706	8.7	19.3
3 12	10 20.79	+31 23.4	1.809	2.701	11.4	19.4
3 22	10 13.87	+31 12.6	1.867	2.696	14.2	19.6
4 1	10 9.29	+30 38.3	1.945	2.691	16.7	19.8
109989 2001 SX_{57}			2 26.1 117°.22		1°.1/27.4 18	
1 22	10 54.98	+ 2 33.0	2.591	3.377	11.5	20.3
2 1	10 50.52	+ 3 1.0	2.513	3.390	8.8	20.1
2 11	10 44.53	+ 3 40.9	2.460	3.403	5.7	20.0
2 21	10 37.54	+ 4 29.7	2.435	3.415	2.5	19.8
3 2	10 30.19	+ 5 23.3	2.440	3.428	1.7	19.7
3 12	10 23.21	+ 6 17.1	2.476	3.439	4.8	20.0
3 22	10 17.23	+ 7 6.6	2.540	3.451	7.8	20.2
4 1	10 12.74	+ 7 48.4	2.630	3.462	10.5	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
159846 2003 WB_{65}			2 26.1 137°.21		1°.3/24.7 18	
	h m	° ′			°	m
1 22	10 57.02	+10 55.6	2.394	3.208	11.4	21.0
2 1	10 52.18	+11 36.3	2.319	3.217	8.5	20.8
2 11	10 45.64	+12 24.4	2.269	3.225	5.2	20.7
2 21	10 37.94	+13 15.3	2.248	3.233	1.9	20.4
3 2	10 29.82	+14 3.8	2.258	3.241	2.7	20.5
3 12	10 22.13	+14 45.1	2.297	3.248	6.0	20.7
3 22	10 15.57	+15 15.9	2.364	3.255	9.2	20.9
4 1	10 10.71	+15 34.3	2.454	3.262	12.0	21.1
322365 2011 KL_{44}			2 26.1 285°.56		1°.2/24.9 17	
1 22	10 55.03	+ 9 17.2	2.083	2.903	12.7	21.0
2 1	10 51.01	+10 8.5	2.002	2.903	9.5	20.7
2 11	10 45.07	+11 10.7	1.945	2.902	5.8	20.5
2 21	10 37.78	+12 18.6	1.916	2.901	2.0	20.3
3 2	10 29.95	+13 25.5	1.916	2.900	2.8	20.3
3 12	10 22.51	+14 25.0	1.945	2.899	6.7	20.6
3 22	10 16.30	+15 12.3	2.001	2.899	10.3	20.8
4 1	10 11.96	+15 44.7	2.080	2.898	13.4	21.0
327447 2005 WZ_{126}			2 26.1 158°.21		3°.9/ 1.4 17	
1 22	10 56.78	− 6 24.6	2.374	3.119	13.6	21.1
2 1	10 52.06	− 6 13.5	2.285	3.126	11.0	21.0
2 11	10 45.61	− 5 43.7	2.219	3.132	8.1	20.8
2 21	10 37.94	− 4 56.4	2.179	3.138	5.3	20.6
3 2	10 29.80	− 3 55.0	2.168	3.143	3.9	20.5
3 12	10 22.01	− 2 44.7	2.187	3.148	5.5	20.6
3 22	10 15.32	− 1 31.8	2.235	3.152	8.4	20.8
4 1	10 10.31	− 0 22.0	2.308	3.155	11.3	21.0
473012 2015 HJ_{42}			2 26.1 276°.76		0°.9/25.1 17	
1 22	10 55.22	+ 9 47.6	2.442	3.255	11.3	21.8
2 1	10 51.00	+10 21.4	2.340	3.237	8.5	21.6
2 11	10 45.02	+11 4.0	2.264	3.219	5.2	21.3
2 21	10 37.77	+11 51.5	2.216	3.201	1.8	21.1
3 2	10 29.94	+12 38.9	2.198	3.183	2.4	21.1
3 12	10 22.34	+13 21.4	2.209	3.164	6.0	21.3
3 22	10 15.74	+13 54.9	2.248	3.145	9.4	21.5
4 1	10 10.77	+14 16.9	2.312	3.127	12.3	21.6
359733 2011 UY_{37}			2 26.1 271°.42		4°.2/29.1 18	
1 22	10 58.80	− 2 29.9	1.602	2.390	17.3	20.9
2 1	10 54.63	− 2 41.8	1.502	2.373	14.0	20.7
2 11	10 47.78	− 2 32.1	1.424	2.357	10.1	20.4
2 21	10 38.85	− 2 0.9	1.369	2.340	6.0	20.1
3 2	10 28.86	− 1 11.5	1.341	2.323	4.3	20.0
3 12	10 19.16	− 0 10.6	1.340	2.306	7.6	20.1
3 22	10 10.99	+ 0 53.5	1.365	2.289	12.1	20.3
4 1	10 5.36	+ 1 52.8	1.411	2.272	16.3	20.5
58059 2690 $P\text{–}L$			2 26.1 37°.58		2°.9/24.2 18	
1 22	11 0.00	+13 45.6	1.324	2.170	17.0	18.7
2 1	10 55.45	+14 19.3	1.273	2.187	12.7	18.5
2 11	10 48.07	+15 1.0	1.243	2.204	7.8	18.2
2 21	10 38.82	+15 42.9	1.237	2.221	3.4	18.0
3 2	10 29.06	+16 16.6	1.258	2.240	4.7	18.2
3 12	10 20.29	+16 35.8	1.305	2.259	9.3	18.5
3 22	10 13.63	+16 37.5	1.375	2.278	13.6	18.8
4 1	10 9.80	+16 21.8	1.465	2.299	17.3	19.0
68044 2000 YX_{42}			2 26.1 147°.40		0°.3/25.8 18	
1 22	10 59.45	+ 6 25.8	1.941	2.749	14.0	19.9
2 1	10 54.38	+ 7 14.4	1.866	2.759	10.5	19.7
2 11	10 47.18	+ 8 16.6	1.815	2.768	6.5	19.5
2 21	10 38.51	+ 9 27.0	1.791	2.776	2.2	19.2
3 2	10 29.30	+10 38.8	1.797	2.784	2.3	19.3
3 12	10 20.60	+11 44.8	1.832	2.791	6.6	19.5
3 22	10 13.32	+12 39.6	1.895	2.797	10.5	19.8
4 1	10 8.14	+13 19.6	1.981	2.803	13.9	20.0
162729 2000 VU_{16}			2 26.1 86°.30		0°.9/25.4 18	
1 22	11 0.97	+ 7 46.6	1.568	2.390	16.1	20.6
2 1	10 55.76	+ 8 36.3	1.512	2.413	12.0	20.4
2 11	10 48.09	+ 9 39.7	1.480	2.436	7.4	20.2
2 21	10 38.81	+10 50.0	1.473	2.458	2.4	20.0
3 2	10 29.07	+11 58.8	1.495	2.481	3.0	20.0
3 12	10 20.14	+12 58.0	1.544	2.503	7.6	20.4
3 22	10 13.05	+13 42.5	1.619	2.524	11.9	20.7
4 1	10 8.45	+14 9.8	1.717	2.545	15.4	20.9
205503 2001 RU_{37}			2 26.1 167°.61		1°.4/27.6 17	
1 22	10 56.43	+ 2 46.2	2.578	3.363	11.6	21.2
2 1	10 51.66	+ 2 56.4	2.489	3.365	8.9	21.0
2 11	10 45.30	+ 3 17.7	2.426	3.368	5.9	20.8
2 21	10 37.83	+ 3 48.1	2.390	3.370	2.7	20.6
3 2	10 29.94	+ 4 24.0	2.385	3.372	1.8	20.5
3 12	10 22.37	+ 5 1.4	2.409	3.373	4.9	20.8
3 22	10 15.80	+ 5 36.3	2.463	3.374	8.0	21.0
4 1	10 10.78	+ 6 5.3	2.542	3.375	10.8	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
491027 2011 PZ_7			2 26.1 185°.62		3°.4/28.9 18	
	h m	° ′			°	m
1 22	11 0.96	− 1 54.6	1.804	2.582	16.1	22.6
2 1	10 55.79	− 1 54.2	1.716	2.582	12.8	22.4
2 11	10 48.23	− 1 34.2	1.649	2.582	9.0	22.2
2 21	10 38.94	− 0 56.1	1.609	2.581	5.1	21.9
3 2	10 28.89	− 0 3.9	1.596	2.579	3.6	21.8
3 12	10 19.29	+ 0 55.7	1.613	2.577	6.7	22.0
3 22	10 11.18	+ 1 55.7	1.656	2.574	10.7	22.2
4 1	10 5.37	+ 2 49.5	1.722	2.571	14.4	22.4
415488 2014 OZ_{291}			2 26.1 257°.39		4°.2/22.9 18	
1 22	11 2.79	+16 52.8	1.640	2.474	14.9	21.7
2 1	10 57.64	+17 44.5	1.551	2.458	11.3	21.4
2 11	10 49.65	+18 42.9	1.485	2.442	7.3	21.1
2 21	10 39.50	+19 39.8	1.446	2.424	4.3	20.9
3 2	10 28.35	+20 26.2	1.434	2.407	5.9	21.0
3 12	10 17.64	+20 54.9	1.450	2.389	10.0	21.1
3 22	10 8.68	+21 2.3	1.490	2.370	14.3	21.3
4 1	10 2.44	+20 48.2	1.551	2.352	18.0	21.5
357540 2004 RC_{267}			2 26.1 71°.42		0°.4/26.4 18	
1 22	11 3.01	+ 6 16.5	1.382	2.204	17.8	21.4
2 1	10 57.55	+ 6 31.7	1.327	2.226	13.5	21.2
2 11	10 49.32	+ 7 2.5	1.294	2.248	8.5	21.0
2 21	10 39.27	+ 7 43.5	1.286	2.271	3.0	20.7
3 2	10 28.72	+ 8 27.4	1.305	2.293	2.6	20.8
3 12	10 19.13	+ 9 6.8	1.350	2.315	7.8	21.1
3 22	10 11.64	+ 9 36.1	1.421	2.337	12.4	21.4
4 1	10 6.96	+ 9 52.0	1.513	2.358	16.2	21.7
455824 2005 SD_{293}			2 26.1 115°.52		3°.3/28.7 18	
1 22	11 3.06	− 0 25.0	2.023	2.796	14.7	21.0
2 1	10 56.97	− 0 53.1	1.945	2.808	11.7	20.8
2 11	10 48.74	− 1 6.7	1.890	2.821	8.1	20.6
2 21	10 39.06	− 1 6.6	1.863	2.833	4.7	20.4
3 2	10 28.86	− 0 55.2	1.864	2.845	3.5	20.4
3 12	10 19.20	− 0 36.5	1.895	2.857	6.1	20.5
3 22	10 10.98	− 0 15.2	1.954	2.868	9.6	20.8
4 1	10 4.87	+ 0 4.3	2.037	2.879	12.8	21.0
196542 2003 PZ			2 26.1 216°.32		0°.9/25.3 18	
1 22	10 59.16	+10 26.7	2.655	3.459	10.8	21.2
2 1	10 53.75	+10 50.2	2.558	3.450	8.1	21.0
2 11	10 46.64	+11 20.5	2.487	3.440	5.0	20.8
2 21	10 38.34	+11 54.0	2.445	3.430	1.7	20.5
3 2	10 29.52	+12 26.6	2.434	3.419	2.2	20.6
3 12	10 20.98	+12 54.3	2.454	3.407	5.6	20.8
3 22	10 13.44	+13 14.1	2.502	3.395	8.7	20.9
4 1	10 7.49	+13 24.1	2.576	3.382	11.5	21.1
437464 2013 YU_{28}			2 26.1 356°.37		2°.5/28.1 17	
1 22	10 55.45	+ 1 46.6	1.812	2.615	15.0	20.2
2 1	10 51.60	+ 1 33.1	1.728	2.611	11.8	20.0
2 11	10 45.59	+ 1 34.8	1.666	2.609	8.0	19.8
2 21	10 38.03	+ 1 49.9	1.629	2.607	4.1	19.5
3 2	10 29.83	+ 2 14.9	1.620	2.606	2.8	19.4
3 12	10 22.07	+ 2 44.8	1.638	2.605	6.3	19.6
3 22	10 15.68	+ 3 14.1	1.682	2.606	10.3	19.9
4 1	10 11.40	+ 3 38.2	1.749	2.607	13.8	20.1
281535 2008 TD_{171}			2 26.1 28°.09		4°.8/21.7 18	
1 22	10 59.24	+21 1.9	1.996	2.832	12.6	21.2
2 1	10 54.30	+21 55.7	1.927	2.832	9.5	21.0
2 11	10 47.17	+22 50.1	1.882	2.833	6.5	20.8
2 21	10 38.54	+23 38.1	1.864	2.834	4.8	20.7
3 2	10 29.38	+24 12.8	1.875	2.835	6.2	20.8
3 12	10 20.78	+24 29.6	1.913	2.835	9.1	21.0
3 22	10 13.66	+24 27.1	1.976	2.836	12.2	21.2
4 1	10 8.70	+24 6.0	2.061	2.837	14.9	21.4
378486 2007 TT_{168}			2 26.1 108°.69		1°.4/27.7 17	
1 22	10 56.47	+ 2 16.9	2.476	3.260	12.0	21.2
2 1	10 51.69	+ 2 30.9	2.399	3.275	9.2	21.0
2 11	10 45.31	+ 2 57.0	2.347	3.289	6.1	20.8
2 21	10 37.86	+ 3 32.4	2.323	3.302	2.8	20.6
3 2	10 30.04	+ 4 13.5	2.329	3.316	1.9	20.6
3 12	10 22.62	+ 4 55.8	2.365	3.329	4.9	20.8
3 22	10 16.28	+ 5 35.1	2.429	3.342	8.0	21.0
4 1	10 11.53	+ 6 8.0	2.519	3.354	10.8	21.2
40693 1999 RX_{229}			2 26.1 158°.16		2°.9/23.5 18	
1 22	10 59.85	+13 21.9	1.881	2.708	13.6	19.5
2 1	10 54.83	+14 28.0	1.809	2.714	10.1	19.3
2 11	10 47.54	+15 42.6	1.762	2.719	6.3	19.1
2 21	10 38.69	+16 58.5	1.742	2.724	3.1	18.9
3 2	10 29.24	+18 7.4	1.751	2.728	4.4	19.0
3 12	10 20.34	+19 2.4	1.789	2.731	8.2	19.2
3 22	10 12.93	+19 39.7	1.853	2.735	11.8	19.4
4 1	10 7.74	+19 57.9	1.939	2.737	15.0	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
214917 2007 TY_{266}			2 26.1 60°.98		1°.6/24.6 18	
	h m	° ′			°	m
1 22	10 56.87	+11 49.6	2.094	2.917	12.5	20.6
2 1	10 52.30	+12 23.7	2.024	2.926	9.3	20.4
2 11	10 45.82	+13 5.1	1.978	2.935	5.7	20.2
2 21	10 38.06	+13 48.8	1.960	2.944	2.2	20.0
3 2	10 29.86	+14 29.2	1.971	2.954	3.0	20.0
3 12	10 22.16	+15 1.3	2.011	2.963	6.7	20.3
3 22	10 15.76	+15 21.9	2.077	2.972	10.1	20.5
4 1	10 11.26	+15 29.4	2.167	2.982	13.1	20.7
264567 2001 TM_{33}			2 26.1 138°.11		0°.9/27.2 18	
1 22	10 59.70	+ 3 39.7	2.553	3.335	11.7	22.0
2 1	10 54.03	+ 4 1.7	2.476	3.352	9.0	21.8
2 11	10 46.73	+ 4 34.6	2.424	3.368	5.8	21.6
2 21	10 38.34	+ 5 15.6	2.402	3.383	2.4	21.4
3 2	10 29.59	+ 6 0.6	2.410	3.398	1.7	21.4
3 12	10 21.27	+ 6 45.1	2.449	3.411	5.0	21.6
3 22	10 14.05	+ 7 25.1	2.518	3.424	8.1	21.8
4 1	10 8.46	+ 7 57.5	2.612	3.436	10.8	22.0
262821 2007 AH_{19}			2 26.1 37°.58		3°.3/23.8 18	
1 22	10 59.19	+14 31.2	1.414	2.259	16.2	20.0
2 1	10 54.77	+15 13.6	1.359	2.272	12.1	19.8
2 11	10 47.65	+16 3.3	1.326	2.287	7.5	19.5
2 21	10 38.72	+16 52.1	1.319	2.301	3.6	19.4
3 2	10 29.27	+17 31.8	1.338	2.317	5.0	19.5
3 12	10 20.69	+17 55.9	1.382	2.333	9.3	19.8
3 22	10 14.09	+18 1.5	1.451	2.349	13.4	20.0
4 1	10 10.18	+17 48.6	1.540	2.366	16.9	20.3
22307 1990 SU_4			2 26.2 140°.15		2°.1/24.5 18	
1 22	11 2.98	+11 59.2	1.816	2.636	14.3	18.9
2 1	10 57.15	+12 44.4	1.748	2.648	10.7	18.7
2 11	10 48.96	+13 38.2	1.703	2.660	6.5	18.5
2 21	10 39.17	+14 34.3	1.686	2.670	2.6	18.2
3 2	10 28.84	+15 25.2	1.699	2.680	3.7	18.3
3 12	10 19.16	+16 5.0	1.740	2.690	7.8	18.6
3 22	10 11.13	+16 29.8	1.808	2.698	11.6	18.9
4 1	10 5.45	+16 38.5	1.898	2.706	14.9	19.1
233737 2008 SB_{257}			2 26.2 198°.52		2°.2/23.5 18	
1 22	10 56.94	+13 39.6	2.648	3.464	10.4	21.5
2 1	10 52.11	+14 37.9	2.561	3.461	7.7	21.3
2 11	10 45.64	+15 42.4	2.501	3.456	4.8	21.1
2 21	10 38.01	+16 47.9	2.470	3.451	2.4	20.9
3 2	10 29.90	+17 49.0	2.470	3.445	3.4	21.0
3 12	10 22.08	+18 40.7	2.500	3.439	6.3	21.2
3 22	10 15.26	+19 19.8	2.558	3.432	9.3	21.3
4 1	10 10.00	+19 44.6	2.640	3.425	11.8	21.5
212674 2006 VL_1			2 26.2 210°.79		2°.0/23.7 18	
1 22	10 56.32	+14 34.8	2.756	3.573	10.0	21.3
2 1	10 51.57	+15 12.4	2.669	3.569	7.5	21.1
2 11	10 45.26	+15 54.4	2.608	3.564	4.6	20.9
2 21	10 37.88	+16 36.4	2.577	3.558	2.2	20.8
3 2	10 30.07	+17 14.1	2.576	3.553	3.2	20.8
3 12	10 22.56	+17 43.5	2.605	3.547	6.0	21.0
3 22	10 16.01	+18 2.2	2.661	3.540	8.8	21.2
4 1	10 10.95	+18 9.0	2.743	3.534	11.2	21.3
66499 1999 RR_{71}			2 26.2 159°.08		1°.3/25.1 18	
1 22	11 1.84	+10 26.7	2.002	2.815	13.4	20.2
2 1	10 56.15	+11 0.3	1.925	2.821	10.1	20.0
2 11	10 48.31	+11 42.8	1.873	2.828	6.2	19.8
2 21	10 38.97	+12 29.2	1.848	2.833	2.2	19.5
3 2	10 29.08	+13 13.4	1.854	2.838	2.9	19.6
3 12	10 19.73	+13 49.9	1.889	2.842	6.9	19.9
3 22	10 11.82	+14 14.8	1.951	2.846	10.7	20.1
4 1	10 6.04	+14 26.3	2.036	2.849	13.9	20.3
236832 2007 RA_{78}			2 26.2 179°.61		0°.5/26.7 17	
1 22	10 56.28	+ 5 14.7	2.412	3.210	11.9	21.2
2 1	10 51.70	+ 5 39.6	2.324	3.210	9.0	21.0
2 11	10 45.42	+ 6 15.6	2.262	3.211	5.8	20.8
2 21	10 37.96	+ 6 59.4	2.228	3.211	2.2	20.5
3 2	10 30.02	+ 7 46.8	2.223	3.211	1.7	20.5
3 12	10 22.43	+ 8 32.7	2.249	3.211	5.3	20.7
3 22	10 15.90	+ 9 12.9	2.302	3.210	8.7	20.9
4 1	10 11.01	+ 9 44.2	2.381	3.209	11.6	21.1
218622 2005 QU_{107}			2 26.2 193°.93		0°.7/26.9 13 C	
1 22	10 57.84	+ 3 40.6	2.435	3.224	12.1	22.9
2 1	10 52.90	+ 4 14.6	2.341	3.221	9.3	22.7
2 11	10 46.19	+ 5 1.5	2.273	3.218	6.0	22.5
2 21	10 38.24	+ 5 57.9	2.232	3.214	2.4	22.2
3 2	10 29.76	+ 6 59.0	2.222	3.210	1.7	22.2
3 12	10 21.58	+ 7 59.6	2.243	3.205	5.3	22.4
3 22	10 14.46	+ 8 54.5	2.292	3.199	8.8	22.6
4 1	10 9.00	+ 9 39.9	2.367	3.192	11.8	22.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
228888 2003 QA_{67}			2 26.2 276°.47		0°.1/26.3 18	
	h m	° ′			°	m
1 22	10 57.67	+ 7 2.1	1.988	2.800	13.6	20.5
2 1	10 53.13	+ 7 19.2	1.901	2.795	10.3	20.3
2 11	10 46.50	+ 7 47.8	1.837	2.790	6.5	20.0
2 21	10 38.38	+ 8 24.2	1.801	2.785	2.3	19.8
3 2	10 29.63	+ 9 3.4	1.793	2.781	2.1	19.7
3 12	10 21.29	+ 9 39.7	1.814	2.776	6.3	20.0
3 22	10 14.25	+10 8.7	1.861	2.771	10.3	20.2
4 1	10 9.23	+10 27.1	1.933	2.766	13.7	20.4
498141 2007 TL_{58}			2 26.2 172°.85		1°.7/28.3 17	
1 22	10 55.29	+ 0 11.1	2.923	3.693	10.7	22.7
2 1	10 50.68	+ 0 31.2	2.831	3.696	8.4	22.6
2 11	10 44.66	+ 1 3.3	2.764	3.699	5.7	22.4
2 21	10 37.68	+ 1 45.2	2.725	3.701	2.9	22.2
3 2	10 30.31	+ 2 33.8	2.717	3.702	1.9	22.1
3 12	10 23.22	+ 3 24.9	2.740	3.704	4.4	22.3
3 22	10 16.98	+ 4 14.5	2.792	3.704	7.2	22.5
4 1	10 12.09	+ 4 59.0	2.871	3.704	9.7	22.7
338156 2002 QG_{147}			2 26.2 234°.55		0°.5/25.7 17	
1 22	10 55.89	+ 7 42.6	2.378	3.186	11.7	22.0
2 1	10 51.52	+ 8 21.1	2.284	3.177	8.9	21.8
2 11	10 45.38	+ 9 10.2	2.214	3.167	5.5	21.6
2 21	10 37.97	+10 5.8	2.173	3.158	1.8	21.3
3 2	10 30.01	+11 2.9	2.161	3.148	2.1	21.3
3 12	10 22.33	+11 55.9	2.180	3.138	5.8	21.5
3 22	10 15.70	+12 40.5	2.226	3.127	9.3	21.7
4 1	10 10.74	+13 13.5	2.297	3.116	12.3	21.9
111054 2001 VG_{39}			2 26.2 140°.09		1°.5/27.6 18	
1 22	10 58.57	+ 2 11.3	2.199	2.986	13.2	20.7
2 1	10 53.50	+ 2 30.8	2.119	2.996	10.2	20.5
2 11	10 46.57	+ 3 4.4	2.064	3.006	6.7	20.3
2 21	10 38.36	+ 3 48.8	2.036	3.016	3.0	20.0
3 2	10 29.69	+ 4 39.7	2.037	3.025	2.0	20.0
3 12	10 21.45	+ 5 31.5	2.069	3.033	5.5	20.2
3 22	10 14.45	+ 6 19.1	2.129	3.041	9.0	20.5
4 1	10 9.28	+ 6 58.6	2.213	3.048	12.1	20.7
15504 1999 RG_{33}			2 26.2 270°.38		2°.3/11.7 00 C	
1 22	10 45.55	+44 33.3	12.916	13.685	2.6	23.6
2 1	10 42.64	+44 56.0	12.847	13.661	2.4	23.6
2 11	10 39.34	+45 15.5	12.805	13.637	2.3	23.6
2 21	10 35.78	+45 30.7	12.790	13.613	2.4	23.6
3 2	10 32.12	+45 40.9	12.801	13.588	2.6	23.6
3 12	10 28.53	+45 45.6	12.836	13.564	2.9	23.6
3 22	10 25.15	+45 44.8	12.895	13.539	3.3	23.6
4 1	10 22.14	+45 38.5	12.973	13.514	3.6	23.7
383417 DAO			2 26.2 354°.45		1°.7/24.3 18	
1 22	10 53.34	+ 9 45.2	2.129	2.952	12.3	20.7
2 1	10 49.76	+10 56.5	2.048	2.952	9.2	20.5
2 11	10 44.34	+12 19.1	1.993	2.951	5.6	20.3
2 21	10 37.62	+13 47.0	1.966	2.950	2.1	20.1
3 2	10 30.37	+15 12.9	1.968	2.950	3.2	20.1
3 12	10 23.49	+16 29.5	2.000	2.950	6.9	20.4
3 22	10 17.77	+17 31.8	2.058	2.950	10.4	20.6
4 1	10 13.83	+18 16.7	2.140	2.950	13.4	20.8
321306 2009 HU_{4}			2 26.2 47°.95		0°.2/25.9 18	
1 22	10 54.23	+ 6 37.4	2.125	2.938	12.7	20.2
2 1	10 50.32	+ 7 16.8	2.052	2.948	9.6	20.0
2 11	10 44.61	+ 8 7.9	2.004	2.958	5.9	19.8
2 21	10 37.69	+ 9 6.2	1.983	2.968	2.0	19.6
3 2	10 30.33	+10 6.1	1.991	2.979	2.0	19.6
3 12	10 23.42	+11 1.5	2.029	2.989	5.9	19.9
3 22	10 17.71	+11 47.9	2.093	3.000	9.4	20.1
4 1	10 13.77	+12 22.0	2.181	3.011	12.5	20.3
203436 2001 YY_{43}			2 26.2 116°.04		7°.1/20.4 18	
1 22	11 2.41	+22 55.7	1.527	2.372	15.2	20.3
2 1	10 57.30	+24 27.3	1.471	2.379	11.7	20.1
2 11	10 49.33	+25 58.8	1.439	2.387	8.5	20.0
2 21	10 39.39	+27 18.5	1.432	2.394	7.1	19.9
3 2	10 28.77	+28 16.1	1.452	2.401	8.8	20.0
3 12	10 19.00	+28 45.5	1.498	2.408	12.1	20.2
3 22	10 11.27	+28 46.0	1.566	2.415	15.4	20.4
4 1	10 6.38	+28 20.4	1.653	2.421	18.4	20.7
403261 2008 YE_{105}			2 26.2 196°.59		3°.0/28.5 18	
1 22	11 1.33	− 0 23.5	1.860	2.642	15.5	21.8
2 1	10 56.05	− 0 28.3	1.770	2.640	12.3	21.6
2 11	10 48.43	− 0 15.7	1.702	2.637	8.5	21.3
2 21	10 39.09	+ 0 12.7	1.660	2.634	4.6	21.1
3 2	10 29.00	+ 0 53.3	1.646	2.630	3.2	21.0
3 12	10 19.32	+ 1 40.1	1.661	2.626	6.5	21.2
3 22	10 11.09	+ 2 26.9	1.703	2.621	10.6	21.4
4 1	10 5.10	+ 3 8.2	1.770	2.615	14.2	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
100292 Harmandir			2 26.2 352°.61		2°.9/24.3 18	
	h m	° ′			°	m
1 22	10 57.32	+13 43.9	1.314	2.165	16.8	18.6
2 1	10 53.81	+14 10.6	1.242	2.159	12.7	18.3
2 11	10 47.36	+14 46.3	1.192	2.154	7.9	18.0
2 21	10 38.77	+15 23.8	1.166	2.150	3.4	17.7
3 2	10 29.32	+15 54.8	1.165	2.147	4.7	17.8
3 12	10 20.57	+16 11.9	1.188	2.145	9.6	18.1
3 22	10 13.83	+16 11.3	1.235	2.144	14.4	18.3
4 1	10 9.97	+15 52.2	1.301	2.145	18.5	18.6
468357 2016 EW_{154}			2 26.2 280°.74		3°.8/29.8 17	
1 22	10 54.87	− 4 34.4	1.843	2.618	15.8	21.7
2 1	10 51.22	− 4 16.8	1.751	2.613	12.8	21.5
2 11	10 45.42	− 3 36.3	1.681	2.608	9.2	21.2
2 21	10 38.05	− 2 34.3	1.635	2.604	5.5	21.0
3 2	10 29.97	− 1 15.4	1.617	2.599	3.8	20.9
3 12	10 22.26	+ 0 12.7	1.627	2.594	6.4	21.0
3 22	10 15.87	+ 1 41.5	1.664	2.589	10.3	21.2
4 1	10 11.56	+ 3 3.2	1.725	2.584	13.9	21.4
157927 1999 VA_{111}			2 26.2 205°.06		3°.4/29.9 18	
1 22	10 56.15	− 4 28.3	2.455	3.210	12.9	20.9
2 1	10 51.65	− 4 22.1	2.357	3.206	10.4	20.8
2 11	10 45.44	− 3 59.2	2.281	3.201	7.6	20.6
2 21	10 38.01	− 3 20.8	2.232	3.196	4.7	20.4
3 2	10 30.04	− 2 29.6	2.213	3.191	3.4	20.3
3 12	10 22.34	− 1 30.5	2.223	3.185	5.3	20.4
3 22	10 15.65	− 0 28.9	2.262	3.179	8.3	20.6
4 1	10 10.57	+ 0 29.9	2.326	3.172	11.2	20.7
432991 2012 PA_{33}			2 26.2 197°.32		2°.1/24.2 17	
1 22	11 0.90	+15 4.2	2.505	3.319	11.0	21.1
2 1	10 55.11	+15 25.0	2.419	3.316	8.2	20.9
2 11	10 47.53	+15 49.3	2.359	3.313	5.1	20.7
2 21	10 38.71	+16 12.7	2.328	3.310	2.4	20.5
3 2	10 29.41	+16 31.2	2.328	3.307	3.2	20.6
3 12	10 20.51	+16 41.0	2.358	3.303	6.3	20.7
3 22	10 12.77	+16 40.3	2.416	3.298	9.4	20.9
4 1	10 6.78	+16 28.3	2.499	3.294	12.1	21.1
426578 2013 SO_{23}			2 26.2 180°.37		0°.4/26.6 16	
1 22	10 57.60	+ 5 13.0	2.455	3.249	11.8	22.7
2 1	10 52.68	+ 5 43.4	2.366	3.250	9.0	22.5
2 11	10 46.04	+ 6 25.1	2.302	3.251	5.7	22.3
2 21	10 38.20	+ 7 14.5	2.267	3.251	2.1	22.1
3 2	10 29.88	+ 8 7.2	2.263	3.251	1.7	22.0
3 12	10 21.89	+ 8 58.1	2.289	3.250	5.3	22.3
3 22	10 14.97	+ 9 42.8	2.343	3.248	8.7	22.5
4 1	10 9.70	+10 18.2	2.423	3.246	11.6	22.7
393301 2013 YY_{72}			2 26.2 197°.27		3°.7/ 1.1 17	
1 22	10 55.67	− 4 36.6	2.481	3.235	12.8	21.3
2 1	10 51.25	− 4 43.6	2.386	3.234	10.4	21.1
2 11	10 45.17	− 4 34.8	2.315	3.232	7.6	20.9
2 21	10 37.90	− 4 11.1	2.270	3.231	4.9	20.7
3 2	10 30.14	− 3 34.7	2.254	3.229	3.7	20.7
3 12	10 22.68	− 2 49.9	2.267	3.228	5.4	20.8
3 22	10 16.21	− 2 1.4	2.308	3.226	8.2	20.9
4 1	10 11.33	− 1 14.1	2.375	3.224	10.9	21.1
402178 2004 TS_{40}			2 26.2 248°.86		1°.7/24.9 17	
1 22	11 2.16	+11 3.7	1.729	2.551	14.8	21.7
2 1	10 57.03	+11 38.9	1.633	2.535	11.2	21.5
2 11	10 49.24	+12 25.3	1.561	2.518	7.0	21.2
2 21	10 39.44	+13 17.0	1.516	2.501	2.6	20.9
3 2	10 28.66	+14 6.8	1.499	2.483	3.6	20.9
3 12	10 18.24	+14 47.4	1.510	2.464	8.3	21.1
3 22	10 9.38	+15 13.6	1.547	2.445	12.8	21.3
4 1	10 3.01	+15 23.2	1.606	2.425	16.7	21.5
254484 2005 ES_{19}			2 26.2 317°.97		1°.2/27.0 18	
1 22	10 55.81	+ 3 50.3	1.408	2.233	17.4	20.5
2 1	10 52.62	+ 4 7.4	1.320	2.219	13.5	20.2
2 11	10 46.66	+ 4 44.6	1.253	2.206	8.8	19.9
2 21	10 38.57	+ 5 38.3	1.209	2.193	3.6	19.6
3 2	10 29.47	+ 6 41.7	1.191	2.180	2.6	19.4
3 12	10 20.79	+ 7 45.6	1.200	2.168	8.0	19.7
3 22	10 13.83	+ 8 41.6	1.232	2.156	13.1	20.0
4 1	10 9.58	+ 9 23.3	1.285	2.145	17.6	20.2
364655 2007 TT_{171}			2 26.2 69°.70		1°.5/25.0 18	
1 22	11 0.51	+ 9 31.0	1.454	2.286	16.6	20.8
2 1	10 55.66	+10 16.8	1.399	2.305	12.4	20.6
2 11	10 48.19	+11 15.3	1.366	2.325	7.6	20.4
2 21	10 38.97	+12 19.1	1.359	2.344	2.6	20.1
3 2	10 29.25	+13 19.6	1.379	2.364	3.5	20.2
3 12	10 20.38	+14 8.9	1.426	2.384	8.2	20.5
3 22	10 13.45	+14 42.2	1.498	2.403	12.6	20.8
4 1	10 9.16	+14 57.5	1.591	2.423	16.2	21.1

333450 2003 WD_{75} 2 26.2 155.°34 0.°4/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.21	+ 8 33.6	2.481	3.284	11.4	21.6
2 1	10 53.07	+ 8 56.2	2.399	3.290	8.6	21.4
2 11	10 46.24	+ 9 26.8	2.343	3.296	5.3	21.2
2 21	10 38.27	+10 2.1	2.316	3.301	1.8	20.9
3 2	10 29.87	+10 37.7	2.319	3.306	1.9	21.0
3 12	10 21.86	+11 9.5	2.352	3.310	5.4	21.2
3 22	10 14.95	+11 34.0	2.414	3.314	8.7	21.4
4 1	10 9.69	+11 49.2	2.500	3.317	11.5	21.6

296790 2009 VQ_{18} 2 26.2 183.°19 0.°8/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.11	+ 4 35.2	2.205	3.002	12.9	21.8
2 1	10 53.25	+ 4 55.2	2.118	3.002	9.9	21.6
2 11	10 46.49	+ 5 27.6	2.055	3.002	6.3	21.3
2 21	10 38.39	+ 6 9.1	2.019	3.002	2.5	21.1
3 2	10 29.75	+ 6 55.2	2.013	3.001	1.8	21.0
3 12	10 21.48	+ 7 40.5	2.037	3.000	5.7	21.3
3 22	10 14.41	+ 8 20.5	2.089	2.999	9.3	21.5
4 1	10 9.16	+ 8 51.4	2.165	2.997	12.5	21.7

260481 2005 CW_{19} 2 26.2 335.°63 1.°7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.42	+ 9 22.0	1.311	2.157	17.2	20.4
2 1	10 52.45	+10 7.7	1.234	2.147	13.0	20.1
2 11	10 46.59	+11 10.1	1.177	2.138	8.1	19.8
2 21	10 38.56	+12 22.1	1.145	2.130	2.8	19.4
3 2	10 29.57	+13 33.7	1.138	2.123	3.9	19.5
3 12	10 21.14	+14 34.6	1.156	2.116	9.3	19.8
3 22	10 14.61	+15 17.5	1.197	2.110	14.4	20.0
4 1	10 10.92	+15 38.8	1.258	2.105	18.7	20.3

411880 2012 FS_{10} 2 26.2 53.°82 2.°6/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.48	− 1 15.9	1.623	2.421	16.7	21.5
2 1	10 51.82	− 0 45.4	1.548	2.428	13.1	21.2
2 11	10 45.83	+ 0 8.0	1.495	2.436	8.9	21.0
2 21	10 38.20	+ 1 20.6	1.466	2.443	4.5	20.8
3 2	10 29.95	+ 2 45.7	1.465	2.451	2.9	20.7
3 12	10 22.24	+ 4 14.1	1.491	2.459	6.7	20.9
3 22	10 16.08	+ 5 37.1	1.543	2.467	11.0	21.2
4 1	10 12.20	+ 6 47.6	1.619	2.476	14.7	21.4

156170 2001 TH_{150} 2 26.2 154.°21 5.°9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.23	+21 14.2	1.608	2.446	15.0	20.4
2 1	10 58.56	+22 23.4	1.544	2.451	11.4	20.2
2 11	10 50.10	+23 33.8	1.504	2.455	7.9	20.0
2 21	10 39.69	+24 35.4	1.490	2.459	6.0	19.9
3 2	10 28.60	+25 19.1	1.504	2.463	7.5	20.0
3 12	10 18.29	+25 39.1	1.544	2.466	10.9	20.2
3 22	10 9.95	+25 34.3	1.608	2.468	14.5	20.4
4 1	10 4.39	+25 6.8	1.692	2.471	17.6	20.6

505233 2012 UO_{37} 2 26.2 217.°10 4.°8/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.10	− 7 47.8	2.387	3.127	13.6	21.2
2 1	10 50.92	− 8 1.5	2.293	3.126	11.3	21.1
2 11	10 45.01	− 7 57.1	2.221	3.126	8.6	20.9
2 21	10 37.88	− 7 34.8	2.175	3.125	6.0	20.7
3 2	10 30.24	− 6 56.6	2.157	3.124	4.8	20.7
3 12	10 22.89	− 6 6.5	2.168	3.124	6.0	20.7
3 22	10 16.58	− 5 10.1	2.206	3.123	8.5	20.9
4 1	10 11.90	− 4 12.9	2.269	3.122	11.2	21.0

376998 2002 PZ_{182} 2 26.2 122.°00 0.°2/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.12	+ 7 23.3	2.325	3.130	12.0	21.8
2 1	10 52.35	+ 7 50.8	2.248	3.140	9.1	21.7
2 11	10 45.83	+ 8 28.0	2.197	3.149	5.6	21.5
2 21	10 38.14	+ 9 11.1	2.173	3.158	1.9	21.2
3 2	10 30.03	+ 9 55.4	2.179	3.166	1.9	21.2
3 12	10 22.35	+10 36.0	2.215	3.175	5.6	21.5
3 22	10 15.81	+11 9.1	2.279	3.183	8.9	21.7
4 1	10 10.99	+11 32.0	2.368	3.191	11.8	21.9

503752 2016 MZ_{2} 2 26.2 212.°49 3.°1/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.14	− 5 22.4	2.813	3.558	11.6	22.3
2 1	10 49.97	− 5 2.7	2.709	3.552	9.4	22.1
2 11	10 44.32	− 4 27.0	2.628	3.545	6.9	22.0
2 21	10 37.63	− 3 36.8	2.575	3.538	4.3	21.8
3 2	10 30.48	− 2 34.8	2.552	3.530	3.1	21.7
3 12	10 23.55	− 1 25.5	2.560	3.522	4.7	21.8
3 22	10 17.47	− 0 14.3	2.596	3.513	7.4	21.9
4 1	10 12.76	+ 0 54.1	2.660	3.504	10.0	22.1

348498 2005 TJ_{5} 2 26.2 135.°05 0.°3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.60	+ 6 45.6	1.634	2.444	16.1	21.5
2 1	10 58.62	+ 6 59.0	1.563	2.455	12.2	21.3
2 11	10 50.04	+ 7 25.7	1.514	2.466	7.7	21.0
2 21	10 39.65	+ 8 1.1	1.492	2.477	2.8	20.7
3 2	10 28.64	+ 8 39.4	1.498	2.486	2.4	20.7
3 12	10 18.33	+ 9 13.9	1.533	2.495	7.3	21.0
3 22	10 9.85	+ 9 39.7	1.594	2.504	11.7	21.3
4 1	10 3.95	+ 9 53.8	1.678	2.511	15.4	21.6

238783 2005 JA_{150} 2 26.2 184.°18 2.°1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.57	+14 12.3	2.803	3.620	9.9	21.3
2 1	10 51.00	+15 4.1	2.720	3.620	7.3	21.1
2 11	10 44.93	+16 0.9	2.664	3.620	4.5	20.9
2 21	10 37.83	+16 58.1	2.638	3.619	2.3	20.8
3 2	10 30.32	+17 50.7	2.642	3.618	3.2	20.8
3 12	10 23.11	+18 34.7	2.677	3.617	6.0	21.0
3 22	10 16.83	+19 7.0	2.740	3.615	8.7	21.2
4 1	10 12.00	+19 26.4	2.826	3.612	11.1	21.3

372017 2008 LB_{16} 2 26.2 197.°92 5.°3/20.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.69	+23 9.1	2.322	3.151	11.3	21.6
2 1	10 54.51	+24 28.6	2.248	3.148	8.7	21.4
2 11	10 47.31	+25 48.3	2.200	3.144	6.3	21.3
2 21	10 38.69	+27 0.5	2.181	3.140	5.3	21.2
3 2	10 29.50	+27 58.4	2.191	3.135	6.6	21.3
3 12	10 20.72	+28 37.0	2.230	3.130	9.2	21.4
3 22	10 13.22	+28 54.5	2.293	3.124	11.8	21.6
4 1	10 7.66	+28 51.6	2.378	3.117	14.2	21.8

170275 2003 QD_{89} 2 26.2 225.°87 1.°0/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.02	+ 8 38.7	1.909	2.723	13.9	21.5
2 1	10 55.11	+ 9 21.1	1.817	2.713	10.5	21.2
2 11	10 47.89	+10 16.1	1.748	2.703	6.5	21.0
2 21	10 38.95	+11 18.6	1.707	2.692	2.2	20.7
3 2	10 29.24	+12 21.7	1.695	2.680	2.8	20.7
3 12	10 19.88	+13 18.1	1.712	2.668	7.2	20.9
3 22	10 11.91	+14 2.6	1.755	2.655	11.4	21.1
4 1	10 6.12	+14 31.7	1.822	2.641	15.0	21.3

202427 2005 WQ_{167} 2 26.2 195.°26 3.°4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.71	+15 3.3	1.890	2.714	13.6	21.5
2 1	10 57.13	+16 9.1	1.809	2.711	10.2	21.3
2 11	10 49.12	+17 22.4	1.752	2.708	6.5	21.1
2 21	10 39.37	+18 35.6	1.724	2.704	3.6	20.9
3 2	10 28.89	+19 40.4	1.726	2.699	5.0	21.0
3 12	10 18.89	+20 29.9	1.756	2.693	8.7	21.2
3 22	10 10.42	+21 0.3	1.812	2.686	12.4	21.4
4 1	10 4.30	+21 10.7	1.890	2.678	15.7	21.6

311110 2004 JS_{19} 2 26.2 246.°29 9.°0/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.46	−27 20.8	3.083	3.658	13.7	21.5
2 1	10 51.10	−28 3.8	2.968	3.642	12.5	21.4
2 11	10 45.13	−28 25.7	2.870	3.626	11.3	21.3
2 21	10 37.95	−28 23.9	2.793	3.609	10.1	21.2
3 2	10 30.18	−27 56.8	2.739	3.592	9.2	21.1
3 12	10 22.54	−27 6.0	2.710	3.575	9.0	21.0
3 22	10 15.72	−25 55.0	2.707	3.557	9.6	21.0
4 1	10 10.34	−24 29.6	2.728	3.538	10.8	21.1

495543 2014 WD_{140} 2 26.2 168.°26 1.°9/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.09	+12 18.4	2.298	3.112	11.9	22.8
2 1	10 54.65	+13 6.6	2.219	3.117	8.9	22.6
2 11	10 47.32	+14 2.0	2.166	3.121	5.4	22.4
2 21	10 38.69	+14 59.1	2.142	3.125	2.3	22.2
3 2	10 29.57	+15 52.3	2.148	3.128	3.2	22.3
3 12	10 20.87	+16 36.1	2.185	3.131	6.6	22.5
3 22	10 13.41	+17 7.3	2.248	3.133	9.9	22.7
4 1	10 7.79	+17 24.3	2.336	3.133	12.8	22.9

466942 2016 AR_{126} 2 26.2 65.°60 3.°7/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.66	+13 5.3	1.672	2.511	14.4	20.6
2 1	10 51.99	+14 49.3	1.605	2.517	10.7	20.4
2 11	10 45.97	+16 44.8	1.563	2.522	6.6	20.2
2 21	10 38.28	+18 41.9	1.548	2.528	3.8	20.0
3 2	10 29.95	+20 29.4	1.562	2.534	5.6	20.1
3 12	10 22.17	+21 58.1	1.603	2.540	9.4	20.4
3 22	10 15.95	+23 2.4	1.669	2.546	13.2	20.6
4 1	10 12.03	+23 41.0	1.756	2.552	16.4	20.8

227562 2005 YM_{190} 2 26.2 157.°01 0.°1/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.13	+ 6 47.2	2.146	2.952	12.9	21.2
2 1	10 53.29	+ 7 13.4	2.065	2.956	9.8	21.0
2 11	10 46.53	+ 7 50.7	2.008	2.960	6.1	20.7
2 21	10 38.43	+ 8 35.3	1.978	2.963	2.1	20.5
3 2	10 29.82	+ 9 21.9	1.978	2.966	2.0	20.5
3 12	10 21.63	+10 5.3	2.008	2.969	6.0	20.7
3 22	10 14.69	+10 41.0	2.065	2.971	9.6	21.0
4 1	10 9.62	+11 6.0	2.146	2.973	12.7	21.2

327332 2005 UX_{126} 2 26.2 156.°67 3.°0/23.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.12	+15 47.3	2.176	2.999	12.1	21.7
2 1	10 54.78	+16 35.9	2.102	3.005	9.0	21.5
2 11	10 47.44	+17 29.0	2.055	3.010	5.7	21.3
2 21	10 38.74	+18 20.6	2.035	3.015	3.1	21.2
3 2	10 29.55	+19 4.7	2.046	3.019	4.3	21.2
3 12	10 20.86	+19 36.4	2.085	3.024	7.5	21.4
3 22	10 13.50	+19 53.0	2.151	3.027	10.7	21.6
4 1	10 8.10	+19 53.9	2.241	3.030	13.5	21.8

294394 2007 VN_{165} 2 26.2 176°.53 0°.1/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.50	+ 6 36.0	2.568	3.369	11.2	21.8
2 1	10 51.06	+ 7 6.6	2.482	3.370	8.4	21.6
2 11	10 45.02	+ 7 46.9	2.420	3.371	5.3	21.4
2 21	10 37.89	+ 8 33.6	2.387	3.372	1.8	21.2
3 2	10 30.33	+ 9 22.3	2.385	3.372	1.7	21.1
3 12	10 23.08	+10 8.2	2.412	3.372	5.2	21.4
3 22	10 16.83	+10 47.7	2.468	3.372	8.3	21.6
4 1	10 12.10	+11 17.8	2.549	3.372	11.1	21.8

456953 2008 AV_{57} 2 26.2 322°.30 0°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.43	+ 6 43.9	1.430	2.263	16.7	20.9
2 1	10 52.30	+ 7 17.1	1.344	2.250	12.8	20.7
2 11	10 46.46	+ 8 8.3	1.279	2.237	8.1	20.3
2 21	10 38.55	+ 9 12.2	1.239	2.224	2.8	20.0
3 2	10 29.67	+10 20.7	1.225	2.213	2.8	20.0
3 12	10 21.24	+11 24.2	1.237	2.201	8.3	20.3
3 22	10 14.51	+12 15.1	1.273	2.191	13.3	20.5
4 1	10 10.44	+12 48.2	1.329	2.181	17.7	20.7

133230 2003 QW_{100} 2 26.2 263°.80 0°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.64	+ 5 49.7	1.664	2.479	15.6	20.6
2 1	10 55.20	+ 6 11.8	1.569	2.464	12.0	20.4
2 11	10 48.16	+ 6 49.6	1.496	2.448	7.7	20.1
2 21	10 39.13	+ 7 39.3	1.448	2.432	2.8	19.7
3 2	10 29.13	+ 8 34.5	1.428	2.416	2.4	19.7
3 12	10 19.48	+ 9 27.6	1.436	2.400	7.5	19.9
3 22	10 11.35	+10 11.9	1.470	2.383	12.2	20.2
4 1	10 5.69	+10 42.9	1.526	2.366	16.4	20.4

354114 2002 AJ_{52} 2 26.2 52°.80 1°.9/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.55	+ 9 0.4	1.249	2.092	18.1	20.0
2 1	10 54.59	+10 1.8	1.197	2.109	13.5	19.8
2 11	10 47.72	+11 19.2	1.166	2.127	8.2	19.5
2 21	10 38.89	+12 43.4	1.159	2.145	2.9	19.3
3 2	10 29.48	+14 3.2	1.179	2.163	4.0	19.4
3 12	10 20.99	+15 8.5	1.224	2.182	9.2	19.7
3 22	10 14.63	+15 53.4	1.292	2.201	13.9	20.1
4 1	10 11.14	+16 15.9	1.380	2.220	17.8	20.4

217098 2001 WH_{39} 2 26.2 101°.13 5°.8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.77	−10 36.6	2.043	2.773	15.9	20.2
2 1	10 53.08	−10 44.9	1.967	2.791	13.3	20.1
2 11	10 46.42	−10 30.0	1.912	2.808	10.3	19.9
2 21	10 38.41	− 9 52.0	1.882	2.825	7.4	19.8
3 2	10 29.92	− 8 53.7	1.879	2.841	5.9	19.7
3 12	10 21.92	− 7 41.1	1.904	2.857	6.9	19.8
3 22	10 15.24	− 6 21.6	1.956	2.873	9.4	20.0
4 1	10 10.52	− 5 2.6	2.033	2.889	12.2	20.2

19881 2288 $T\text{-}_{1}$ 2 26.2 54°.89 2°.6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.25	+13 48.2	1.765	2.597	14.1	18.5
2 1	10 54.50	+14 26.3	1.696	2.603	10.5	18.3
2 11	10 47.44	+15 11.4	1.651	2.609	6.5	18.1
2 21	10 38.79	+15 57.2	1.632	2.616	2.9	17.9
3 2	10 29.59	+16 36.6	1.642	2.622	4.1	17.9
3 12	10 21.00	+17 4.1	1.680	2.629	8.0	18.2
3 22	10 14.00	+17 16.5	1.742	2.636	11.8	18.4
4 1	10 9.29	+17 12.8	1.827	2.643	15.1	18.7

288758 2004 RS_{80} 2 26.2 258°.70 0°.8/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.14	+ 9 7.8	2.133	2.944	12.8	21.3
2 1	10 54.30	+ 9 35.7	2.030	2.925	9.7	21.1
2 11	10 47.34	+10 13.8	1.951	2.906	6.0	20.8
2 21	10 38.80	+10 58.0	1.900	2.886	2.1	20.5
3 2	10 29.50	+11 43.0	1.879	2.865	2.5	20.5
3 12	10 20.45	+12 23.1	1.887	2.844	6.6	20.7
3 22	10 12.59	+12 53.8	1.923	2.823	10.5	20.9
4 1	10 6.68	+13 12.2	1.982	2.801	13.9	21.1

425247 2009 WP_{50} 2 26.2 102°.81 0°.2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.78	+ 5 26.6	2.283	3.079	12.5	22.5
2 1	10 53.51	+ 6 8.6	2.220	3.106	9.4	22.3
2 11	10 46.52	+ 7 1.9	2.181	3.131	5.9	22.1
2 21	10 38.41	+ 8 2.2	2.172	3.156	2.1	21.9
3 2	10 29.98	+ 9 3.9	2.193	3.180	1.8	21.9
3 12	10 22.08	+10 1.5	2.244	3.204	5.5	22.2
3 22	10 15.40	+10 50.6	2.323	3.227	8.8	22.5
4 1	10 10.50	+11 28.4	2.428	3.249	11.6	22.7

452794 2006 HF_{21} 2 26.2 4°.14 3°.2/24.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.18	+12 2.8	1.096	1.957	18.7	20.8
2 1	10 52.62	+12 54.4	1.034	1.956	14.0	20.5
2 11	10 46.84	+14 0.8	0.992	1.956	8.7	20.2
2 21	10 38.71	+15 12.2	0.973	1.957	3.7	19.9
3 2	10 29.68	+16 16.7	0.977	1.960	5.3	20.0
3 12	10 21.48	+17 3.8	1.005	1.964	10.7	20.4
3 22	10 15.54	+17 27.6	1.054	1.968	15.8	20.6
4 1	10 12.77	+17 26.6	1.122	1.975	20.2	20.9

160894 2001 SP_{87} 2 26.2 109°.34 1°.1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.99	+ 3 56.3	1.840	2.643	14.8	20.6
2 1	10 54.21	+ 4 12.1	1.763	2.651	11.4	20.3
2 11	10 47.24	+ 4 42.6	1.710	2.658	7.4	20.1
2 21	10 38.74	+ 5 24.3	1.683	2.666	3.0	19.9
3 2	10 29.66	+ 6 11.9	1.685	2.673	2.1	19.8
3 12	10 21.12	+ 6 59.1	1.715	2.680	6.3	20.1
3 22	10 14.04	+ 7 40.3	1.772	2.687	10.4	20.3
4 1	10 9.11	+ 8 11.4	1.852	2.693	13.9	20.6

66487 1999 RL_{42} 2 26.2 154°.84 1°.7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.57	+12 43.2	2.526	3.339	11.0	19.5
2 1	10 53.35	+13 24.0	2.449	3.346	8.1	19.3
2 11	10 46.45	+14 10.6	2.398	3.354	5.0	19.1
2 21	10 38.42	+14 58.3	2.377	3.360	2.1	19.0
3 2	10 29.97	+15 42.3	2.386	3.367	3.0	19.0
3 12	10 21.93	+16 18.1	2.426	3.372	6.1	19.2
3 22	10 15.00	+16 43.0	2.493	3.377	9.1	19.4
4 1	10 9.71	+16 55.4	2.585	3.382	11.7	19.6

418262 2008 EO_{24} 2 26.2 29°.50 7°.6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 6.67	+27 24.0	1.654	2.489	14.8	21.0
2 1	11 0.41	+28 13.5	1.592	2.490	11.7	20.8
2 11	10 51.26	+28 56.8	1.552	2.491	8.8	20.6
2 21	10 40.15	+29 24.4	1.538	2.492	7.6	20.6
3 2	10 28.43	+29 28.6	1.551	2.494	8.9	20.6
3 12	10 17.61	+29 6.2	1.590	2.495	11.8	20.8
3 22	10 8.91	+28 18.7	1.652	2.497	14.9	21.0
4 1	10 3.10	+27 10.3	1.734	2.499	17.8	21.2

456768 2007 TO_{121} 2 26.2 92°.44 0°.1/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.73	+ 6 7.4	1.634	2.448	15.9	22.7
2 1	10 55.65	+ 6 43.0	1.571	2.467	12.0	22.5
2 11	10 48.16	+ 7 33.3	1.532	2.485	7.5	22.2
2 21	10 39.05	+ 8 32.9	1.518	2.503	2.6	22.0
3 2	10 29.44	+ 9 34.3	1.533	2.521	2.4	22.0
3 12	10 20.56	+10 30.0	1.576	2.538	7.1	22.3
3 22	10 13.40	+11 14.3	1.645	2.556	11.4	22.6
4 1	10 8.64	+11 44.0	1.737	2.572	14.9	22.9

320537 2007 YC_{69} 2 26.2 238°.11 0°.4/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.97	+ 8 27.2	1.868	2.681	14.2	21.6
2 1	10 55.86	+ 8 44.5	1.777	2.673	10.8	21.4
2 11	10 48.40	+ 9 12.8	1.710	2.663	6.8	21.1
2 21	10 39.20	+ 9 48.0	1.669	2.654	2.3	20.8
3 2	10 29.24	+10 24.6	1.657	2.644	2.4	20.8
3 12	10 19.67	+10 56.7	1.674	2.634	7.0	21.0
3 22	10 11.55	+11 19.8	1.717	2.624	11.2	21.3
4 1	10 5.68	+11 30.9	1.784	2.613	14.9	21.5

292645 2006 UP_{38} 2 26.2 106°.72 1°.8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.50	+11 21.5	1.798	2.621	14.3	21.4
2 1	10 55.36	+12 0.9	1.731	2.633	10.6	21.2
2 11	10 47.95	+12 49.3	1.687	2.644	6.5	20.9
2 21	10 38.98	+13 40.8	1.670	2.655	2.5	20.7
3 2	10 29.50	+14 28.4	1.683	2.666	3.4	20.8
3 12	10 20.64	+15 6.0	1.723	2.676	7.5	21.1
3 22	10 13.37	+15 29.9	1.790	2.687	11.4	21.3
4 1	10 8.37	+15 38.6	1.879	2.697	14.7	21.5

508170 2015 FF_{212} 2 26.2 274°.08 4°.9/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.87	+22 47.5	2.419	3.251	10.8	21.7
2 1	10 52.42	+23 54.8	2.333	3.235	8.3	21.5
2 11	10 46.08	+25 2.8	2.272	3.218	6.0	21.3
2 21	10 38.36	+26 4.8	2.240	3.201	4.9	21.2
3 2	10 30.03	+26 54.6	2.236	3.184	6.2	21.2
3 12	10 22.01	+27 27.2	2.261	3.167	8.7	21.4
3 22	10 15.12	+27 40.6	2.310	3.149	11.4	21.5
4 1	10 10.02	+27 34.8	2.382	3.132	13.9	21.7

186034 2001 RB_{50} 2 26.2 147°.06 4°.3/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.40	− 7 27.1	2.095	2.844	15.0	20.6
2 1	10 52.09	− 7 5.6	2.008	2.851	12.3	20.4
2 11	10 45.86	− 6 21.7	1.943	2.857	9.1	20.2
2 21	10 38.27	− 5 16.7	1.904	2.863	5.9	20.0
3 2	10 30.14	− 3 54.9	1.893	2.869	4.3	20.0
3 12	10 22.42	− 2 23.2	1.912	2.874	6.0	20.1
3 22	10 15.91	− 0 49.5	1.958	2.879	9.2	20.3
4 1	10 11.28	+ 0 38.9	2.030	2.884	12.3	20.5

374401 2005 VW_{105} 2 26.2 261°.46 0°.2/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.40	+ 6 51.3	1.972	2.780	13.8	21.5
2 1	10 54.64	+ 7 7.9	1.872	2.764	10.6	21.2
2 11	10 47.64	+ 7 36.5	1.796	2.748	6.7	21.0
2 21	10 38.95	+ 8 13.7	1.747	2.731	2.4	20.7
3 2	10 29.47	+ 8 54.5	1.727	2.714	2.1	20.6
3 12	10 20.28	+ 9 32.9	1.735	2.697	6.6	20.9
3 22	10 12.39	+10 4.0	1.771	2.680	10.8	21.1
4 1	10 6.58	+10 24.4	1.830	2.662	14.4	21.3

337676 2001 TC_{189} 2 26.2 131°.70 3°.2/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.38	− 4 46.0	2.743	3.491	11.9	20.7
2 1	10 50.86	− 4 42.1	2.657	3.502	9.5	20.6
2 11	10 44.86	− 4 23.4	2.595	3.512	6.9	20.4
2 21	10 37.88	− 3 51.2	2.560	3.522	4.4	20.3
3 2	10 30.52	− 3 8.0	2.555	3.531	3.3	20.2
3 12	10 23.48	− 2 18.0	2.580	3.541	4.8	20.3
3 22	10 17.37	− 1 25.7	2.633	3.550	7.3	20.5
4 1	10 12.68	− 0 35.4	2.713	3.558	9.8	20.7

163621 2002 TP_{294} 2 26.2 99°.59 2°.6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.98	− 0 15.7	2.333	3.107	13.0	19.4
2 1	10 53.01	− 0 22.4	2.253	3.119	10.2	19.2
2 11	10 46.29	− 0 15.5	2.198	3.131	7.0	19.0
2 21	10 38.39	+ 0 3.4	2.169	3.142	3.9	18.8
3 2	10 30.06	+ 0 31.3	2.170	3.154	2.7	18.8
3 12	10 22.16	+ 1 4.1	2.201	3.165	5.2	18.9
3 22	10 15.39	+ 1 37.2	2.260	3.176	8.4	19.2
4 1	10 10.35	+ 2 6.9	2.344	3.187	11.3	19.4

170193 2003 OA_{6} 2 26.2 218°.87 2°.2/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.68	+ 0 51.2	2.026	2.809	14.4	20.9
2 1	10 55.51	+ 1 0.5	1.927	2.800	11.3	20.7
2 11	10 48.13	+ 1 26.0	1.851	2.790	7.7	20.4
2 21	10 39.12	+ 2 5.5	1.802	2.779	3.8	20.2
3 2	10 29.34	+ 2 55.0	1.781	2.768	2.5	20.0
3 12	10 19.86	+ 3 48.5	1.791	2.755	6.2	20.2
3 22	10 11.66	+ 4 40.0	1.828	2.743	10.1	20.5
4 1	10 5.51	+ 5 24.5	1.890	2.729	13.7	20.6

330934 Natevanwey 2 26.2 176°.75 0°.8/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.77	+ 3 57.8	2.215	3.010	12.9	22.0
2 1	10 53.03	+ 4 24.1	2.128	3.012	9.9	21.8
2 11	10 46.40	+ 5 3.6	2.066	3.013	6.4	21.6
2 21	10 38.46	+ 5 52.9	2.031	3.014	2.6	21.3
3 2	10 29.99	+ 6 47.1	2.026	3.014	1.8	21.3
3 12	10 21.89	+ 7 40.6	2.051	3.014	5.6	21.5
3 22	10 14.96	+ 8 28.4	2.104	3.014	9.2	21.7
4 1	10 9.84	+ 9 6.6	2.181	3.013	12.4	21.9

468004 2012 XD_{17} 2 26.2 186°.63 15°.3/13.9 16 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 18.30	+38 14.0	1.260	2.085	19.1	22.4
2 1	11 11.01	+41 0.1	1.217	2.086	16.7	22.2
2 11	10 58.86	+43 28.8	1.195	2.086	15.4	22.1
2 21	10 43.03	+45 19.3	1.196	2.085	15.8	22.1
3 2	10 25.81	+46 16.1	1.219	2.082	17.6	22.2
3 12	10 10.05	+46 15.4	1.262	2.077	20.2	22.4
3 22	9 57.93	+45 24.6	1.321	2.071	22.9	22.6
4 1	9 50.60	+43 55.6	1.394	2.063	25.3	22.8

71738 2000 PW_{18} 2 26.2 139°.28 0°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.49	+ 8 46.7	2.904	3.707	10.0	20.6
2 1	10 50.84	+ 9 23.5	2.827	3.718	7.4	20.4
2 11	10 44.81	+10 7.6	2.775	3.728	4.6	20.3
2 21	10 37.86	+10 55.3	2.753	3.738	1.5	20.1
3 2	10 30.57	+11 42.8	2.762	3.748	1.8	20.1
3 12	10 23.61	+12 25.9	2.802	3.757	4.8	20.3
3 22	10 17.56	+13 1.5	2.871	3.766	7.6	20.5
4 1	10 12.86	+13 27.7	2.965	3.775	10.0	20.7

138718 2000 SW_{139} 2 26.2 144°.75 1°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.37	+ 1 48.2	2.867	3.644	10.7	20.8
2 1	10 50.78	+ 2 3.1	2.781	3.652	8.3	20.6
2 11	10 44.80	+ 2 28.8	2.721	3.660	5.5	20.4
2 21	10 37.87	+ 3 3.1	2.689	3.667	2.6	20.3
3 2	10 30.58	+ 3 43.0	2.688	3.674	1.7	20.2
3 12	10 23.59	+ 4 24.5	2.717	3.681	4.4	20.4
3 22	10 17.50	+ 5 3.9	2.775	3.687	7.2	20.6
4 1	10 12.76	+ 5 38.1	2.860	3.693	9.7	20.8

58831 1998 HN_{30} 2 26.2 276°.26 1°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.19	+10 10.6	1.893	2.717	13.6	19.2
2 1	10 52.93	+10 53.7	1.812	2.715	10.2	19.0
2 11	10 46.50	+11 47.5	1.756	2.713	6.3	18.8
2 21	10 38.54	+12 46.4	1.726	2.711	2.3	18.5
3 2	10 29.95	+13 43.6	1.725	2.709	3.1	18.6
3 12	10 21.81	+14 32.6	1.752	2.707	7.2	18.8
3 22	10 15.05	+15 8.7	1.805	2.705	11.1	19.0
4 1	10 10.39	+15 29.3	1.881	2.703	14.5	19.2

81692 2000 JN_{14} 2 26.2 263°.56 8°.4/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.62	+29 42.2	1.861	2.695	13.4	18.9
2 1	10 57.42	+31 8.6	1.789	2.682	10.9	18.7
2 11	10 49.51	+32 29.8	1.741	2.669	8.9	18.5
2 21	10 39.63	+33 35.7	1.719	2.655	8.5	18.5
3 2	10 28.93	+34 17.2	1.723	2.642	10.0	18.5
3 12	10 18.79	+34 29.4	1.753	2.628	12.6	18.7
3 22	10 10.42	+34 12.0	1.805	2.614	15.4	18.8
4 1	10 4.67	+33 28.4	1.875	2.600	17.9	19.0

58865 1998 HX_{109} 2 26.2 146°.77 4°.0/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.46	+21 14.5	2.681	3.509	10.0	19.6
2 1	10 51.78	+22 17.3	2.613	3.514	7.5	19.5
2 11	10 45.50	+23 20.3	2.572	3.520	5.2	19.3
2 21	10 38.12	+24 18.1	2.559	3.525	4.0	19.2
3 2	10 30.36	+25 5.4	2.577	3.530	5.1	19.3
3 12	10 22.98	+25 38.3	2.623	3.535	7.4	19.5
3 22	10 16.65	+25 55.1	2.696	3.540	9.8	19.6
4 1	10 11.91	+25 55.9	2.791	3.544	12.0	19.8

337897 2001 XF_{51} 2 26.2 113°.46 3°.9/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.65	+20 56.9	2.644	3.469	10.1	20.9
2 1	10 52.61	+21 55.3	2.584	3.485	7.6	20.7
2 11	10 45.96	+22 53.6	2.552	3.500	5.2	20.6
2 21	10 38.27	+23 46.4	2.548	3.515	3.9	20.5
3 2	10 30.25	+24 28.5	2.574	3.530	5.0	20.6
3 12	10 22.68	+24 56.5	2.629	3.544	7.3	20.8
3 22	10 16.22	+25 8.9	2.711	3.558	9.7	21.0
4 1	10 11.38	+25 5.9	2.815	3.571	11.8	21.1

496092 2009 SX_{290} 2 26.2 195°.94 1°.5/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.99	+10 30.3	2.142	2.958	12.5	22.2
2 1	10 53.30	+11 17.8	2.058	2.957	9.4	21.9
2 11	10 46.64	+12 14.8	1.998	2.955	5.8	21.7
2 21	10 38.57	+13 16.1	1.967	2.952	2.1	21.5
3 2	10 29.93	+14 15.4	1.966	2.949	3.0	21.5
3 12	10 21.68	+15 6.7	1.994	2.946	6.7	21.8
3 22	10 14.66	+15 45.7	2.049	2.942	10.3	22.0
4 1	10 9.54	+16 10.0	2.127	2.938	13.4	22.2

10883 1996 VU_{5} 2 26.2 79°.48 0°.4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.25	+ 7 32.2	2.263	3.072	12.2	18.4
2 1	10 51.72	+ 8 7.8	2.196	3.090	9.1	18.3
2 11	10 45.48	+ 8 53.2	2.154	3.107	5.6	18.1
2 21	10 38.12	+ 9 44.2	2.139	3.125	1.9	17.9
3 2	10 30.39	+10 35.6	2.155	3.142	2.0	17.9
3 12	10 23.13	+11 22.2	2.200	3.159	5.6	18.2
3 22	10 17.05	+12 0.1	2.272	3.176	9.0	18.4
4 1	10 12.68	+12 26.8	2.369	3.193	11.8	18.6

182113 2000 QH_{104} 2 26.2 181°.34 4°.8/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.04	+23 55.6	2.584	3.404	10.5	20.6
2 1	10 56.04	+24 52.9	2.511	3.406	8.1	20.4
2 11	10 48.19	+25 48.6	2.465	3.406	5.8	20.3
2 21	10 39.07	+26 36.4	2.447	3.406	4.8	20.2
3 2	10 29.49	+27 11.1	2.460	3.405	5.9	20.3
3 12	10 20.36	+27 29.0	2.502	3.404	8.2	20.4
3 22	10 12.44	+27 29.1	2.570	3.402	10.6	20.6
4 1	10 6.35	+27 12.4	2.661	3.399	12.9	20.7

148826 2001 UJ_{153} 2 26.2 130°.02 0°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.69	+ 8 8.6	2.013	2.826	13.4	20.3
2 1	10 53.83	+ 8 46.1	1.939	2.834	10.1	20.0
2 11	10 46.94	+ 9 34.7	1.889	2.843	6.2	19.8
2 21	10 38.66	+10 29.4	1.866	2.851	2.1	19.6
3 2	10 29.87	+11 24.2	1.872	2.859	2.4	19.6
3 12	10 21.58	+12 13.1	1.908	2.866	6.5	19.9
3 22	10 14.64	+12 51.6	1.971	2.873	10.2	20.1
4 1	10 9.70	+13 16.9	2.057	2.880	13.4	20.3

448436 2009 WX_{85} 2 26.2 136°.15 2°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.41	+ 1 25.3	1.507	2.307	17.7	21.9
2 1	10 58.01	+ 1 26.2	1.434	2.316	13.8	21.7
2 11	10 49.86	+ 1 46.5	1.381	2.325	9.3	21.5
2 21	10 39.74	+ 2 23.4	1.354	2.333	4.5	21.2
3 2	10 28.88	+ 3 11.3	1.353	2.340	3.0	21.1
3 12	10 18.69	+ 4 2.7	1.381	2.347	7.3	21.4
3 22	10 10.38	+ 4 50.3	1.434	2.354	12.0	21.7
4 1	10 4.78	+ 5 28.3	1.509	2.360	16.0	21.9

420441 2012 DF_{37} 2 26.2 236°.24 1°.0/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.71	+ 1 57.3	1.849	2.650	14.8	21.8
2 1	10 51.90	+ 2 46.5	1.760	2.646	11.4	21.5
2 11	10 45.92	+ 3 55.1	1.694	2.642	7.4	21.3
2 21	10 38.36	+ 5 18.9	1.655	2.637	3.1	21.0
3 2	10 30.11	+ 6 50.8	1.644	2.632	2.1	20.9
3 12	10 22.24	+ 8 22.1	1.662	2.627	6.5	21.2
3 22	10 15.70	+ 9 44.9	1.707	2.622	10.7	21.4
4 1	10 11.23	+10 53.4	1.776	2.617	14.4	21.6

83357 2001 RK_{153} 2 26.2 9°.55 4°.7/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.84	+19 32.6	1.757	2.601	13.6	18.9
2 1	10 52.80	+20 25.2	1.692	2.603	10.2	18.7
2 11	10 46.45	+21 19.9	1.651	2.606	6.8	18.5
2 21	10 38.52	+22 9.0	1.636	2.610	4.8	18.4
3 2	10 30.03	+22 45.2	1.648	2.614	6.2	18.4
3 12	10 22.16	+23 3.4	1.687	2.619	9.4	18.6
3 22	10 15.88	+23 1.5	1.749	2.624	12.8	18.9
4 1	10 11.87	+22 40.4	1.833	2.630	15.8	19.1

167001 2003 PO_6 2 26.2 197°.16 1°.8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.75	+ 2 50.1	1.879	2.672	14.9	20.1
2 1	10 56.39	+ 2 51.7	1.790	2.670	11.6	19.9
2 11	10 48.71	+ 3 8.1	1.724	2.667	7.7	19.7
2 21	10 39.34	+ 3 36.8	1.684	2.664	3.6	19.4
3 2	10 29.24	+ 4 13.6	1.673	2.660	2.4	19.3
3 12	10 19.56	+ 4 52.7	1.691	2.656	6.4	19.6
3 22	10 11.33	+ 5 28.6	1.737	2.652	10.6	19.8
4 1	10 5.33	+ 5 57.0	1.806	2.646	14.2	20.0

163007 2001 SD_{308} 2 26.2 103°.93 1°.1/25.1 18

1 22	10 56.14	+10 18.6	2.277	3.094	11.9	20.0
2 1	10 51.75	+10 53.9	2.198	3.096	8.9	19.8
2 11	10 45.58	+11 37.4	2.143	3.099	5.4	19.6
2 21	10 38.19	+12 24.7	2.116	3.101	1.9	19.3
3 2	10 30.32	+13 10.6	2.119	3.103	2.6	19.4
3 12	10 22.85	+13 50.1	2.151	3.106	6.1	19.6
3 22	10 16.53	+14 19.6	2.210	3.108	9.5	19.8
4 1	10 11.94	+14 36.8	2.294	3.110	12.4	20.0

183715 2003 YG_{71} 2 26.2 356°.10 3°.3/28.5 18

1 22	10 58.72	+ 0 26.5	1.483	2.288	17.7	20.0
2 1	10 54.61	+ 0 10.2	1.403	2.286	14.0	19.7
2 11	10 47.83	+ 0 13.4	1.343	2.285	9.7	19.5
2 21	10 39.07	+ 0 34.6	1.308	2.284	5.2	19.2
3 2	10 29.48	+ 1 9.8	1.299	2.284	3.6	19.1
3 12	10 20.43	+ 1 52.2	1.316	2.284	7.4	19.3
3 22	10 13.11	+ 2 34.5	1.358	2.284	11.9	19.6
4 1	10 8.41	+ 3 10.3	1.421	2.285	16.0	19.8

340810 2006 UY_4 2 26.2 211°.46 3°.9/21.9 17

1 22	10 58.27	+20 38.7	2.493	3.320	10.6	21.3
2 1	10 53.27	+21 23.8	2.416	3.318	8.0	21.1
2 11	10 46.49	+22 9.5	2.365	3.315	5.4	20.9
2 21	10 38.50	+22 50.3	2.342	3.312	3.9	20.8
3 2	10 30.05	+23 21.0	2.349	3.310	5.0	20.9
3 12	10 22.00	+23 37.9	2.385	3.307	7.6	21.0
3 22	10 15.11	+23 39.3	2.447	3.304	10.3	21.2
4 1	10 9.95	+23 25.4	2.532	3.300	12.7	21.4

405288 2003 TL_5 2 26.2 60°.07 2°.4/27.9 18

1 22	11 1.06	+ 2 20.9	1.472	2.281	17.6	20.5
2 1	10 56.21	+ 2 12.0	1.406	2.293	13.7	20.2
2 11	10 48.69	+ 2 21.0	1.360	2.306	9.1	20.0
2 21	10 39.32	+ 2 45.3	1.339	2.318	4.4	19.7
3 2	10 29.32	+ 3 19.9	1.344	2.331	2.9	19.7
3 12	10 20.05	+ 3 57.8	1.376	2.344	7.2	20.0
3 22	10 12.64	+ 4 32.5	1.434	2.357	11.7	20.3
4 1	10 7.88	+ 4 58.9	1.514	2.370	15.6	20.5

87373 2000 QN_{54} 2 26.2 156°.20 1°.0/25.1 18

1 22	10 58.65	+ 9 45.8	2.597	3.400	11.0	20.6
2 1	10 53.38	+10 29.1	2.518	3.410	8.2	20.4
2 11	10 46.48	+11 20.1	2.465	3.419	5.0	20.2
2 21	10 38.48	+12 14.6	2.442	3.427	1.8	20.0
3 2	10 30.07	+13 7.7	2.450	3.434	2.3	20.1
3 12	10 22.04	+13 54.6	2.489	3.441	5.6	20.3
3 22	10 15.07	+14 31.9	2.556	3.447	8.6	20.5
4 1	10 9.69	+14 57.7	2.648	3.452	11.3	20.7

219430 2000 TX_{44} 2 26.2 82°.12 3°.4/22.9 18

1 22	11 0.54	+15 35.0	1.940	2.768	13.2	20.4
2 1	10 55.11	+16 45.1	1.893	2.797	9.7	20.3
2 11	10 47.64	+17 59.4	1.871	2.827	6.1	20.1
2 21	10 38.87	+19 10.5	1.877	2.855	3.5	20.0
3 2	10 29.77	+20 11.2	1.912	2.884	4.8	20.1
3 12	10 21.40	+20 56.0	1.976	2.912	8.0	20.4
3 22	10 14.57	+21 22.5	2.066	2.939	11.2	20.6
4 1	10 9.85	+21 30.9	2.179	2.966	13.9	20.8

56473 2000 GY_{108} 2 26.2 241°.68 5°.2/21.9 18 R

1 22	11 2.55	+18 53.6	1.687	2.523	14.5	19.2
2 1	10 57.48	+20 4.6	1.603	2.510	11.0	18.9
2 11	10 49.64	+21 21.0	1.543	2.497	7.4	18.7
2 21	10 39.73	+22 33.7	1.510	2.483	5.2	18.5
3 2	10 28.88	+23 32.8	1.505	2.469	6.8	18.6
3 12	10 18.50	+24 10.8	1.527	2.455	10.6	18.7
3 22	10 9.84	+24 24.6	1.573	2.439	14.4	18.9
4 1	10 3.82	+24 14.6	1.639	2.424	17.9	19.1

422307 2014 SD_{161} 2 26.2 187°.92 0°.3/26.5 17

1 22	10 59.92	+ 5 25.4	2.130	2.928	13.2	22.5
2 1	10 54.76	+ 5 59.7	2.041	2.927	10.1	22.3
2 11	10 47.56	+ 6 47.2	1.977	2.926	6.4	22.1
2 21	10 38.92	+ 7 43.7	1.940	2.924	2.3	21.8
3 2	10 29.67	+ 8 43.7	1.934	2.922	1.9	21.8
3 12	10 20.80	+ 9 41.0	1.958	2.918	6.1	22.1
3 22	10 13.18	+10 30.4	2.009	2.914	9.9	22.3
4 1	10 7.51	+11 8.3	2.085	2.910	13.2	22.5

84896 2003 SM_{252} 2 26.2 41°.26 1°.7/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.94	+ 2 8.6	1.770	2.575	15.2	19.1
2 1	10 51.95	+ 2 24.1	1.703	2.589	11.8	18.9
2 11	10 45.84	+ 2 56.1	1.658	2.604	7.7	18.7
2 21	10 38.30	+ 3 41.3	1.639	2.620	3.5	18.5
3 2	10 30.28	+ 4 34.1	1.648	2.636	2.3	18.4
3 12	10 22.84	+ 5 27.8	1.685	2.652	6.2	18.7
3 22	10 16.85	+ 6 16.4	1.748	2.668	10.1	19.0
4 1	10 12.96	+ 6 55.2	1.834	2.685	13.5	19.2

185381 2006 VC_{143} 2 26.2 93°.32 0°.4/26.6 18

1 22	10 58.06	+ 4 33.9	1.781	2.590	15.0	20.2
2 1	10 53.55	+ 5 14.3	1.712	2.604	11.4	19.9
2 11	10 46.85	+ 6 10.4	1.666	2.617	7.2	19.7
2 21	10 38.66	+ 7 17.2	1.647	2.631	2.6	19.5
3 2	10 29.95	+ 8 27.6	1.656	2.644	2.1	19.5
3 12	10 21.81	+ 9 34.2	1.694	2.657	6.6	19.8
3 22	10 15.18	+10 30.7	1.758	2.670	10.6	20.0
4 1	10 10.72	+11 13.2	1.846	2.683	14.1	20.3

119622 2001 WY_{48} 2 26.2 219°.68 1°.9/27.9 18

1 22	10 58.15	+ 1 26.0	2.100	2.887	13.8	20.2
2 1	10 53.50	+ 1 37.7	2.005	2.881	10.8	20.0
2 11	10 46.82	+ 2 4.5	1.934	2.875	7.2	19.8
2 21	10 38.68	+ 2 44.2	1.890	2.869	3.5	19.5
3 2	10 29.89	+ 3 32.5	1.875	2.862	2.3	19.4
3 12	10 21.43	+ 4 23.9	1.890	2.855	5.8	19.6
3 22	10 14.18	+ 5 12.7	1.931	2.847	9.6	19.8
4 1	10 8.84	+ 5 54.2	1.998	2.839	13.0	20.0

354062 2001 TU_{115} 2 26.2 106°.90 1°.1/25.4 17

1 22	11 5.45	+ 9 19.2	1.794	2.603	14.9	21.5
2 1	10 58.90	+ 9 58.2	1.737	2.632	11.1	21.3
2 11	10 50.05	+10 47.4	1.705	2.659	6.8	21.1
2 21	10 39.73	+11 40.7	1.700	2.685	2.3	20.9
3 2	10 29.03	+12 31.3	1.726	2.711	2.8	20.9
3 12	10 19.15	+13 13.1	1.780	2.736	7.1	21.3
3 22	10 11.01	+13 42.3	1.862	2.759	11.0	21.5
4 1	10 5.25	+13 57.2	1.967	2.782	14.2	21.8

246179 2007 RL_{38} 2 26.2 124°.45 1°.0/25.4 18

1 22	11 1.25	+ 8 31.5	1.836	2.650	14.4	21.4
2 1	10 55.88	+ 9 17.7	1.768	2.665	10.8	21.2
2 11	10 48.27	+10 15.7	1.725	2.680	6.6	21.0
2 21	10 39.15	+11 19.6	1.709	2.694	2.2	20.8
3 2	10 29.52	+12 22.2	1.722	2.708	2.8	20.8
3 12	10 20.51	+13 16.6	1.764	2.721	7.1	21.1
3 22	10 13.06	+13 58.2	1.833	2.733	11.0	21.4
4 1	10 7.84	+14 24.4	1.925	2.745	14.3	21.6

363307 2002 NP_{28} 2 26.2 228°.04 0°.6/26.7 16

1 22	11 0.71	+ 5 41.1	1.840	2.646	14.7	21.0
2 1	10 55.71	+ 5 53.8	1.750	2.640	11.3	20.7
2 11	10 48.35	+ 6 19.8	1.682	2.632	7.2	20.5
2 21	10 39.25	+ 6 55.7	1.641	2.625	2.8	20.2
3 2	10 29.38	+ 7 36.4	1.629	2.617	2.1	20.1
3 12	10 19.91	+ 8 15.8	1.645	2.609	6.7	20.4
3 22	10 11.89	+ 8 48.6	1.688	2.600	11.0	20.6
4 1	10 6.12	+ 9 10.9	1.754	2.591	14.7	20.8

406854 2009 BW_{63} 2 26.2 348°.86 0°.1/26.3 18

1 22	11 1.67	+ 8 8.5	1.410	2.238	17.2	21.3
2 1	10 56.98	+ 8 8.4	1.334	2.236	13.2	21.0
2 11	10 49.38	+ 8 21.4	1.278	2.234	8.3	20.8
2 21	10 39.65	+ 8 43.0	1.248	2.233	2.9	20.4
3 2	10 29.05	+ 9 7.4	1.243	2.231	2.7	20.4
3 12	10 19.11	+ 9 27.7	1.266	2.231	8.1	20.7
3 22	10 11.11	+ 9 39.2	1.312	2.230	13.0	21.0
4 1	10 5.95	+ 9 38.6	1.380	2.230	17.2	21.3

436648 2011 QQ_{80} 2 26.2 334°.02 3°.2/29.4 17

1 22	10 55.84	− 2 13.5	2.322	3.092	13.1	20.8
2 1	10 51.55	− 2 22.4	2.230	3.091	10.5	20.7
2 11	10 45.50	− 2 16.3	2.162	3.089	7.5	20.5
2 21	10 38.20	− 1 56.2	2.120	3.088	4.5	20.3
3 2	10 30.38	− 1 24.9	2.106	3.087	3.3	20.2
3 12	10 22.88	− 0 46.5	2.122	3.085	5.4	20.3
3 22	10 16.45	− 0 5.8	2.165	3.084	8.5	20.5
4 1	10 11.69	+ 0 32.5	2.233	3.083	11.5	20.7

238408 2004 EJ_{65} 2 26.2 37°.67 10°.1/15.7 18

1 22	11 5.32	+39 45.8	2.136	2.944	12.8	19.3
2 1	10 59.10	+40 59.2	2.090	2.948	11.2	19.2
2 11	10 50.31	+41 58.0	2.068	2.951	10.2	19.2
2 21	10 39.86	+42 33.5	2.070	2.955	10.2	19.2
3 2	10 28.95	+42 40.1	2.098	2.959	11.3	19.3
3 12	10 18.93	+42 16.2	2.149	2.963	13.0	19.4
3 22	10 10.82	+41 24.5	2.221	2.967	14.8	19.5
4 1	10 5.31	+40 9.8	2.311	2.972	16.4	19.7

498053 2007 RF_{46} 2 26.2 67°.72 3°.2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.43	− 3 40.4	2.143	2.913	14.1	21.2
2 1	10 50.58	− 3 23.2	2.059	2.919	11.2	21.0
2 11	10 44.92	− 2 47.1	1.998	2.925	8.0	20.8
2 21	10 38.00	− 1 54.3	1.963	2.931	4.7	20.6
3 2	10 30.59	− 0 48.7	1.956	2.937	3.2	20.5
3 12	10 23.55	+ 0 23.3	1.978	2.944	5.5	20.7
3 22	10 17.67	+ 1 35.3	2.028	2.950	8.8	20.9
4 1	10 13.55	+ 2 41.3	2.102	2.956	12.0	21.1

405176 2002 VB_{123} 2 26.2 126°.19 6°.6/20.3 18

1 22	11 6.92	+27 43.8	2.107	2.928	12.5	21.4
2 1	10 59.95	+28 45.3	2.056	2.945	9.9	21.3
2 11	10 50.70	+29 40.8	2.029	2.962	7.5	21.1
2 21	10 39.98	+30 22.4	2.031	2.978	6.6	21.1
3 2	10 28.89	+30 44.0	2.061	2.993	7.8	21.2
3 12	10 18.60	+30 42.9	2.118	3.007	10.1	21.4
3 22	10 10.05	+30 19.7	2.201	3.021	12.6	21.6
4 1	10 3.86	+29 37.6	2.304	3.034	14.8	21.8

407795 2011 YJ_{25} 2 26.2 54°.81 1°.5/25.1 18

1 22	10 59.30	+ 9 27.8	1.413	2.248	16.8	21.0
2 1	10 54.95	+10 11.8	1.356	2.263	12.6	20.8
2 11	10 47.92	+11 9.1	1.320	2.279	7.7	20.5
2 21	10 39.09	+12 12.4	1.310	2.295	2.7	20.3
3 2	10 29.70	+13 12.9	1.326	2.312	3.5	20.4
3 12	10 21.13	+14 2.3	1.369	2.328	8.4	20.7
3 22	10 14.48	+14 35.6	1.437	2.345	12.8	21.0
4 1	10 10.47	+14 50.6	1.525	2.362	16.5	21.3

340639 2006 QC_{158} 2 26.2 78°.22 0°.7/26.9 17

1 22	10 57.39	+ 5 17.1	2.302	3.100	12.4	21.0
2 1	10 52.57	+ 5 30.5	2.231	3.117	9.4	20.8
2 11	10 46.04	+ 5 54.4	2.185	3.133	6.0	20.6
2 21	10 38.38	+ 6 25.7	2.167	3.150	2.3	20.4
3 2	10 30.35	+ 7 0.3	2.178	3.166	1.7	20.4
3 12	10 22.78	+ 7 33.8	2.219	3.182	5.3	20.7
3 22	10 16.39	+ 8 2.4	2.288	3.198	8.6	20.9
4 1	10 11.71	+ 8 23.1	2.381	3.214	11.4	21.1

498563 2008 KL_{1} 2 26.2 237°.64 6°.3/18.8 17

1 22	11 0.34	+25 57.2	2.300	3.129	11.4	22.2
2 1	10 55.25	+27 26.3	2.218	3.114	9.0	22.0
2 11	10 48.00	+28 54.6	2.162	3.098	6.9	21.8
2 21	10 39.15	+30 13.7	2.135	3.082	6.3	21.8
3 2	10 29.58	+31 16.0	2.136	3.065	7.7	21.8
3 12	10 20.34	+31 56.1	2.165	3.048	10.2	22.0
3 22	10 12.37	+32 12.4	2.218	3.029	12.8	22.1
4 1	10 6.44	+32 5.7	2.291	3.011	15.2	22.2

307956 2004 GW_{27} 2 26.2 250°.75 2°.0/24.1 17

1 22	10 56.51	+ 9 56.8	2.019	2.840	13.0	21.1
2 1	10 52.48	+11 14.0	1.924	2.826	9.8	20.8
2 11	10 46.32	+12 44.7	1.854	2.811	6.0	20.6
2 21	10 38.59	+14 22.4	1.812	2.796	2.4	20.3
3 2	10 30.10	+15 58.8	1.800	2.781	3.6	20.3
3 12	10 21.87	+17 25.4	1.817	2.765	7.6	20.6
3 22	10 14.86	+18 36.0	1.861	2.749	11.5	20.8
4 1	10 9.84	+19 27.1	1.928	2.733	14.8	20.9

90245 2003 BD_{60} 2 26.2 353°.15 4°.1/21.3 18

1 22	10 53.25	+16 40.2	2.082	2.921	12.0	19.0
2 1	10 49.90	+18 19.3	2.009	2.919	8.9	18.8
2 11	10 44.61	+20 5.0	1.962	2.918	5.8	18.7
2 21	10 37.95	+21 49.2	1.943	2.916	4.1	18.5
3 2	10 30.72	+23 23.3	1.953	2.915	5.7	18.6
3 12	10 23.86	+24 40.0	1.991	2.915	8.8	18.8
3 22	10 18.21	+25 35.4	2.055	2.914	11.8	19.0
4 1	10 14.43	+26 8.2	2.140	2.914	14.5	19.2

414570 2009 SW_{331} 2 26.2 95°.29 4°.6/21.6 18

1 22	10 59.67	+19 27.1	2.044	2.876	12.4	21.0
2 1	10 54.53	+20 45.1	1.992	2.896	9.3	20.8
2 11	10 47.36	+22 4.6	1.965	2.917	6.2	20.7
2 21	10 38.86	+23 17.8	1.967	2.937	4.6	20.6
3 2	10 29.96	+24 17.4	1.998	2.957	5.9	20.7
3 12	10 21.69	+24 58.5	2.057	2.976	8.7	20.9
3 22	10 14.88	+25 19.3	2.141	2.995	11.6	21.1
4 1	10 10.14	+25 20.5	2.247	3.014	14.1	21.4

343127 2009 EG_{21} 2 26.2 48°.57 1°.2/24.9 18

1 22	10 54.09	+ 9 1.5	2.123	2.943	12.5	20.2
2 1	10 50.34	+ 9 59.5	2.050	2.951	9.3	20.0
2 11	10 44.78	+11 8.2	2.002	2.959	5.7	19.8
2 21	10 37.98	+12 22.1	1.983	2.968	2.0	19.6
3 2	10 30.72	+13 34.4	1.992	2.976	2.7	19.7
3 12	10 23.89	+14 38.9	2.031	2.985	6.4	19.9
3 22	10 18.24	+15 30.9	2.096	2.994	9.9	20.1
4 1	10 14.37	+16 7.6	2.185	3.003	12.9	20.3

267483 2002 GT_{74} 2 26.2 283°.69 1°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.06	+ 2 18.3	1.954	2.754	14.2	20.7
2 1	10 52.12	+ 2 37.7	1.860	2.743	11.1	20.4
2 11	10 46.08	+ 3 13.2	1.788	2.733	7.3	20.2
2 21	10 38.49	+ 4 2.1	1.742	2.723	3.3	19.9
3 2	10 30.21	+ 4 59.5	1.724	2.712	2.1	19.8
3 12	10 22.24	+ 5 58.9	1.736	2.702	6.1	20.0
3 22	10 15.52	+ 6 54.0	1.774	2.692	10.2	20.2
4 1	10 10.79	+ 7 39.7	1.835	2.682	13.8	20.5

250425 2003 WQ_{71} 2 26.2 209°.26 2°.9/28.7 16

1 22	11 0.93	− 0 41.7	2.061	2.836	14.4	21.1
2 1	10 55.67	− 0 44.6	1.965	2.830	11.5	20.9
2 11	10 48.25	− 0 31.3	1.891	2.824	8.0	20.7
2 21	10 39.25	− 0 3.3	1.843	2.817	4.4	20.5
3 2	10 29.53	+ 0 36.1	1.825	2.809	3.1	20.4
3 12	10 20.13	+ 1 21.8	1.836	2.800	6.1	20.5
3 22	10 12.00	+ 2 8.0	1.875	2.791	9.8	20.7
4 1	10 5.89	+ 2 49.5	1.939	2.782	13.3	20.9

191846 2004 VO_{37} 2 26.2 188°.55 0°.6/25.7 17

1 22	10 57.77	+ 8 17.8	2.155	2.965	12.7	21.3
2 1	10 53.13	+ 8 50.0	2.070	2.965	9.6	21.1
2 11	10 46.55	+ 9 32.4	2.011	2.964	5.9	20.8
2 21	10 38.62	+10 20.9	1.978	2.964	2.0	20.6
3 2	10 30.14	+11 10.1	1.976	2.963	2.2	20.6
3 12	10 22.05	+11 54.4	2.003	2.961	6.2	20.8
3 22	10 15.18	+12 29.5	2.057	2.960	9.8	21.1
4 1	10 10.17	+12 52.7	2.135	2.958	12.9	21.3

7368 Haldancohn 2 26.2 350°.31 3°.0/24.0 18

1 22	10 53.60	+ 9 56.4	1.104	1.964	18.7	16.3
2 1	10 51.55	+11 12.3	1.037	1.958	14.1	16.0
2 11	10 46.32	+12 48.9	0.989	1.953	8.7	15.7
2 21	10 38.70	+14 35.7	0.964	1.949	3.5	15.4
3 2	10 30.06	+16 18.4	0.963	1.946	5.4	15.5
3 12	10 22.11	+17 43.2	0.986	1.944	11.0	15.8
3 22	10 16.31	+18 41.4	1.031	1.943	16.3	16.1
4 1	10 13.65	+19 9.6	1.093	1.944	20.7	16.4

350546 2000 SJ_{183} 2 26.2 163°.87 0°.5/25.6 17

1 22	10 55.73	+ 8 55.4	3.032	3.833	9.6	22.0
2 1	10 51.04	+ 9 25.9	2.948	3.838	7.2	21.8
2 11	10 44.99	+10 3.3	2.890	3.842	4.4	21.6
2 21	10 38.03	+10 44.2	2.861	3.846	1.5	21.4
3 2	10 30.72	+11 25.1	2.864	3.850	1.7	21.4
3 12	10 23.70	+12 2.2	2.898	3.853	4.7	21.6
3 22	10 17.53	+12 32.8	2.960	3.856	7.4	21.8
4 1	10 12.67	+12 54.6	3.049	3.859	9.8	22.0

332701 2009 RG_{35} 2 26.2 198°.05 0°.8/26.9 17

1 22	10 57.60	+ 4 7.6	2.056	2.856	13.6	22.1
2 1	10 53.11	+ 4 33.5	1.969	2.855	10.4	21.9
2 11	10 46.60	+ 5 13.5	1.905	2.853	6.7	21.7
2 21	10 38.66	+ 6 4.0	1.868	2.851	2.7	21.4
3 2	10 30.12	+ 6 59.9	1.861	2.849	1.9	21.4
3 12	10 21.96	+ 7 55.0	1.882	2.846	6.0	21.6
3 22	10 15.05	+ 8 43.8	1.931	2.844	9.8	21.8
4 1	10 10.06	+ 9 22.2	2.004	2.841	13.2	22.0

329421 2002 NJ_{45} 2 26.2 207°.46 4°.7/ 2.3 17

1 22	10 57.67	− 8 28.3	2.680	3.404	12.7	21.2
2 1	10 52.78	− 8 47.1	2.577	3.398	10.5	21.0
2 11	10 46.24	− 8 49.6	2.496	3.392	8.1	20.8
2 21	10 38.52	− 8 35.7	2.442	3.386	5.9	20.7
3 2	10 30.25	− 8 6.7	2.416	3.379	4.7	20.6
3 12	10 22.21	− 7 25.9	2.420	3.371	5.7	20.6
3 22	10 15.09	− 6 37.8	2.453	3.364	8.1	20.7
4 1	10 9.49	− 5 47.5	2.511	3.355	10.6	20.9

243759 2000 QK_{205} 2 26.2 154°.62 0°.4/26.6 18

1 22	11 1.67	+ 5 14.2	2.003	2.800	14.0	21.7
2 1	10 56.12	+ 5 43.8	1.924	2.810	10.6	21.5
2 11	10 48.44	+ 6 26.7	1.869	2.818	6.8	21.3
2 21	10 39.29	+ 7 18.7	1.842	2.826	2.5	21.1
3 2	10 29.58	+ 8 14.1	1.845	2.833	2.0	21.0
3 12	10 20.37	+ 9 6.7	1.878	2.839	6.2	21.3
3 22	10 12.56	+ 9 51.4	1.938	2.844	10.1	21.6
4 1	10 6.84	+10 24.5	2.022	2.849	13.4	21.8

270326 2001 XU_{109} 2 26.2 83°.49 4°.3/21.4 18

1 22	10 56.56	+20 10.6	2.297	3.130	11.2	20.1
2 1	10 52.12	+21 17.7	2.233	3.138	8.4	19.9
2 11	10 45.85	+22 26.2	2.195	3.146	5.7	19.8
2 21	10 38.36	+23 29.4	2.186	3.155	4.3	19.7
3 2	10 30.44	+24 21.0	2.205	3.163	5.5	19.8
3 12	10 22.98	+24 56.6	2.253	3.171	8.1	19.9
3 22	10 16.75	+25 14.3	2.326	3.179	10.8	20.1
4 1	10 12.32	+25 14.1	2.421	3.188	13.3	20.3

317909 2003 UN_{265} 2 26.2 122°.27 0°.7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.95	+ 5 18.9	2.403	3.196	12.1	20.8
2 1	10 53.70	+ 5 31.4	2.326	3.209	9.2	20.6
2 11	10 46.75	+ 5 53.9	2.275	3.222	5.9	20.4
2 21	10 38.66	+ 6 23.7	2.251	3.234	2.3	20.2
3 2	10 30.17	+ 6 56.7	2.258	3.246	1.7	20.1
3 12	10 22.12	+ 7 28.8	2.295	3.257	5.2	20.4
3 22	10 15.20	+ 7 56.2	2.360	3.269	8.5	20.6
4 1	10 9.98	+ 8 16.2	2.451	3.280	11.3	20.8

212006 2005 BM_{22} 2 26.2 111°.16 1°.4/24.9 18

1 22	11 2.31	+ 9 42.3	1.840	2.655	14.3	21.3
2 1	10 56.63	+10 34.2	1.780	2.678	10.7	21.1
2 11	10 48.72	+11 36.5	1.744	2.699	6.5	20.9
2 21	10 39.36	+12 42.8	1.735	2.720	2.3	20.6
3 2	10 29.57	+13 45.7	1.757	2.741	3.1	20.7
3 12	10 20.46	+14 38.5	1.807	2.760	7.2	21.0
3 22	10 12.96	+15 17.1	1.884	2.779	11.0	21.3
4 1	10 7.70	+15 39.8	1.984	2.797	14.2	21.5

212019 2005 CJ_{13} 2 26.2 326°.25 2°.9/24.2 18

1 22	10 56.39	+12 16.3	1.294	2.145	17.1	20.2
2 1	10 53.41	+13 3.7	1.213	2.130	12.9	19.9
2 11	10 47.41	+14 4.9	1.154	2.116	8.1	19.6
2 21	10 39.09	+15 11.9	1.118	2.102	3.5	19.3
3 2	10 29.70	+16 14.4	1.107	2.089	5.0	19.3
3 12	10 20.82	+17 2.3	1.121	2.077	10.2	19.6
3 22	10 13.88	+17 29.4	1.157	2.066	15.2	19.8
4 1	10 9.90	+17 33.2	1.213	2.055	19.6	20.1

82409 2001 NS_{10} 2 26.2 265°.74 0°.1/26.2 18

1 22	10 58.71	+ 5 14.2	1.515	2.335	16.6	19.6
2 1	10 54.82	+ 5 57.8	1.420	2.319	12.8	19.3
2 11	10 48.17	+ 7 1.7	1.348	2.302	8.2	19.0
2 21	10 39.35	+ 8 20.8	1.300	2.285	2.9	18.7
3 2	10 29.44	+ 9 46.7	1.280	2.268	2.7	18.6
3 12	10 19.86	+11 9.2	1.287	2.251	8.2	18.9
3 22	10 11.91	+12 19.2	1.319	2.233	13.3	19.1
4 1	10 6.60	+13 10.9	1.372	2.215	17.7	19.3

50541 2000 EV_{16} 2 26.2 177°.74 1°.7/28.3 18

1 22	10 54.93	− 0 9.2	2.514	3.291	12.1	19.8
2 1	10 50.75	+ 0 22.9	2.423	3.292	9.4	19.6
2 11	10 44.96	+ 1 9.8	2.356	3.293	6.4	19.4
2 21	10 38.06	+ 2 8.8	2.317	3.293	3.2	19.2
3 2	10 30.70	+ 3 15.6	2.307	3.294	2.0	19.1
3 12	10 23.63	+ 4 24.9	2.328	3.294	4.9	19.3
3 22	10 17.54	+ 5 31.3	2.378	3.293	8.1	19.5
4 1	10 12.97	+ 6 30.2	2.454	3.292	11.0	19.7

12989 1981 EV_{9} 2 26.2 21°.08 3°.2/28.2 18 R

1 22	11 0.29	+ 1 23.0	1.230	2.049	19.8	19.1
2 1	10 56.26	+ 1 6.9	1.159	2.051	15.6	18.8
2 11	10 49.10	+ 1 12.6	1.107	2.054	10.6	18.6
2 21	10 39.65	+ 1 38.2	1.078	2.057	5.4	18.3
3 2	10 29.26	+ 2 18.5	1.074	2.060	3.6	18.2
3 12	10 19.59	+ 3 4.9	1.095	2.064	8.3	18.4
3 22	10 12.04	+ 3 49.0	1.139	2.069	13.4	18.7
4 1	10 7.56	+ 4 23.9	1.203	2.074	17.9	19.0

498807 2008 UM_{288} 2 26.3 129°.94 1°.4/24.8 17

1 22	10 57.36	+10 42.9	2.215	3.031	12.2	22.2
2 1	10 52.73	+11 24.7	2.139	3.038	9.1	22.0
2 11	10 46.26	+12 14.9	2.088	3.044	5.6	21.8
2 21	10 38.52	+13 8.4	2.065	3.050	2.1	21.5
3 2	10 30.32	+13 59.7	2.072	3.056	2.8	21.6
3 12	10 22.55	+14 43.3	2.109	3.061	6.4	21.8
3 22	10 15.99	+15 15.6	2.172	3.067	9.8	22.1
4 1	10 11.23	+15 34.6	2.259	3.072	12.7	22.3

386227 2007 YB_{37} 2 26.3 153°.32 2°.4/28.8 17

1 22	10 56.92	− 0 19.3	2.564	3.335	12.0	21.2
2 1	10 52.18	− 0 25.1	2.474	3.338	9.5	21.0
2 11	10 45.84	− 0 18.4	2.409	3.340	6.6	20.8
2 21	10 38.37	− 0 0.7	2.370	3.343	3.7	20.6
3 2	10 30.45	+ 0 25.7	2.362	3.345	2.6	20.6
3 12	10 22.85	+ 0 56.7	2.383	3.347	4.9	20.7
3 22	10 16.24	+ 1 28.6	2.433	3.349	7.9	20.9
4 1	10 11.18	+ 1 57.6	2.509	3.351	10.6	21.1

297678 2001 UW_{139} 2 26.3 167°.00 4°.0/29.9 18

1 22	11 1.18	− 4 57.1	2.013	2.769	15.3	21.6
2 1	10 55.83	− 4 54.2	1.926	2.775	12.4	21.4
2 11	10 48.33	− 4 31.0	1.860	2.780	9.0	21.2
2 21	10 39.29	− 3 48.7	1.821	2.784	5.6	21.0
3 2	10 29.62	− 2 50.8	1.810	2.788	4.1	20.9
3 12	10 20.36	− 1 43.5	1.828	2.790	6.3	21.0
3 22	10 12.46	− 0 33.9	1.875	2.792	9.7	21.2
4 1	10 6.63	+ 0 31.5	1.946	2.793	13.1	21.4

270500 2002 EY_{149} 2 26.3 3°.31 1°.7/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.61	+11 13.2	1.535	2.372	15.6	20.6
2 1	10 53.69	+11 38.5	1.463	2.372	11.7	20.3
2 11	10 47.23	+12 14.1	1.412	2.372	7.2	20.1
2 21	10 38.94	+12 54.2	1.387	2.372	2.6	19.8
3 2	10 29.96	+13 31.7	1.389	2.374	3.5	19.8
3 12	10 21.59	+13 59.8	1.417	2.376	8.1	20.1
3 22	10 14.93	+14 14.3	1.470	2.379	12.5	20.4
4 1	10 10.77	+14 13.1	1.544	2.382	16.3	20.6

123116 2000 SC_{367} 2 26.3 213°.04 1°.0/27.2 18

1 22	10 58.66	+ 2 32.7	1.827	2.626	15.1	20.4
2 1	10 54.22	+ 3 13.0	1.736	2.621	11.6	20.2
2 11	10 47.48	+ 4 11.9	1.667	2.615	7.6	19.9
2 21	10 39.04	+ 5 25.5	1.626	2.608	3.1	19.7
3 2	10 29.84	+ 6 46.9	1.613	2.601	2.1	19.6
3 12	10 21.00	+ 8 8.0	1.629	2.594	6.7	19.8
3 22	10 13.56	+ 9 21.2	1.672	2.586	11.0	20.1
4 1	10 8.31	+10 20.8	1.739	2.577	14.8	20.3

208035 1999 RV_{34} 2 26.3 211°.83 1°.1/25.3 17

1 22	11 1.64	+ 9 56.9	2.125	2.933	12.9	21.4
2 1	10 56.17	+10 30.7	2.032	2.926	9.7	21.2
2 11	10 48.56	+11 14.0	1.964	2.917	6.0	21.0
2 21	10 39.39	+12 2.2	1.924	2.908	2.1	20.7
3 2	10 29.54	+12 49.6	1.914	2.899	2.7	20.7
3 12	10 20.04	+13 30.4	1.934	2.888	6.7	20.9
3 22	10 11.82	+14 0.4	1.981	2.877	10.5	21.1
4 1	10 5.62	+14 17.2	2.053	2.865	13.8	21.3

208440 2001 TR_{119} 2 26.3 133°.67 0°.5/26.8 17

1 22	10 58.75	+ 5 58.8	2.953	3.738	10.2	21.4
2 1	10 53.26	+ 6 7.1	2.873	3.752	7.8	21.2
2 11	10 46.36	+ 6 23.0	2.820	3.766	4.9	21.0
2 21	10 38.53	+ 6 44.2	2.797	3.780	1.9	20.9
3 2	10 30.39	+ 7 7.7	2.805	3.792	1.4	20.8
3 12	10 22.60	+ 7 30.4	2.844	3.805	4.4	21.1
3 22	10 15.75	+ 7 49.5	2.912	3.817	7.2	21.3
4 1	10 10.30	+ 8 2.9	3.007	3.828	9.6	21.4

458764 2011 SY_{34} 2 26.3 56°.49 1°.9/25.0 18

1 22	11 2.19	+10 59.4	1.311	2.149	17.7	20.9
2 1	10 57.26	+11 32.1	1.258	2.168	13.2	20.6
2 11	10 49.44	+12 16.3	1.227	2.187	8.1	20.4
2 21	10 39.69	+13 4.5	1.221	2.206	2.9	20.2
3 2	10 29.40	+13 48.0	1.241	2.226	3.8	20.3
3 12	10 20.11	+14 19.4	1.287	2.246	8.8	20.6
3 22	10 12.97	+14 34.8	1.357	2.266	13.4	20.9
4 1	10 8.72	+14 33.0	1.447	2.286	17.2	21.2

275503 1995 SR_{31} 2 26.3 191°.96 3°.6/29.7 17

1 22	10 59.76	− 3 29.5	2.431	3.184	13.1	21.6
2 1	10 54.46	− 3 44.1	2.334	3.183	10.5	21.4
2 11	10 47.36	− 3 44.0	2.261	3.181	7.7	21.2
2 21	10 38.95	− 3 29.5	2.215	3.178	4.8	21.0
3 2	10 29.98	− 3 2.9	2.198	3.175	3.6	21.0
3 12	10 21.30	− 2 28.0	2.211	3.171	5.5	21.1
3 22	10 13.69	− 1 49.3	2.253	3.167	8.5	21.3
4 1	10 7.78	− 1 11.5	2.320	3.162	11.4	21.4

498595 2008 RD 2 26.3 233°.93 5°.0/20.8 17

1 22	11 4.25	+25 14.1	2.686	3.501	10.3	22.9
2 1	10 57.84	+26 4.0	2.594	3.484	8.1	22.7
2 11	10 49.47	+26 51.7	2.528	3.465	6.0	22.6
2 21	10 39.70	+27 31.4	2.491	3.446	5.0	22.5
3 2	10 29.31	+27 57.4	2.484	3.426	6.1	22.5
3 12	10 19.24	+28 6.3	2.507	3.405	8.4	22.6
3 22	10 10.34	+27 57.0	2.557	3.384	10.9	22.8
4 1	10 3.28	+27 30.4	2.630	3.361	13.2	22.9

272792 2005 YY_{268} 2 26.3 328°.97 1°.7/27.5 17

1 22	10 58.21	+ 4 0.0	1.749	2.557	15.3	20.2
2 1	10 53.96	+ 3 52.7	1.660	2.549	11.9	20.0
2 11	10 47.35	+ 3 59.4	1.594	2.541	7.8	19.7
2 21	10 39.01	+ 4 17.8	1.553	2.534	3.5	19.4
3 2	10 29.92	+ 4 44.0	1.540	2.528	2.4	19.3
3 12	10 21.23	+ 5 12.4	1.554	2.521	6.6	19.6
3 22	10 14.00	+ 5 37.7	1.595	2.515	10.9	19.8
4 1	10 9.03	+ 5 55.6	1.658	2.510	14.7	20.0

140360 2001 TD_{23} 2 26.3 17°.26 1°.3/25.2 18

1 22	10 57.52	+ 9 24.4	1.597	2.428	15.4	19.7
2 1	10 53.54	+10 2.7	1.524	2.430	11.6	19.5
2 11	10 47.10	+10 53.7	1.474	2.432	7.1	19.2
2 21	10 38.91	+11 51.4	1.449	2.434	2.5	18.9
3 2	10 30.04	+12 48.0	1.451	2.437	3.2	19.0
3 12	10 21.75	+13 36.1	1.481	2.440	7.8	19.2
3 22	10 15.10	+14 10.2	1.536	2.443	12.2	19.5
4 1	10 10.85	+14 27.7	1.612	2.447	15.9	19.7

43468 2001 AU_{28} 2 26.3 133°.58 4°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.87	+17 38.6	1.708	2.541	14.4	19.1
2 1	10 57.42	+18 37.7	1.643	2.549	10.8	18.9
2 11	10 49.44	+19 40.9	1.602	2.557	7.0	18.7
2 21	10 39.71	+20 40.1	1.588	2.564	4.4	18.5
3 2	10 29.38	+21 26.8	1.602	2.571	5.8	18.6
3 12	10 19.75	+21 55.3	1.643	2.578	9.4	18.9
3 22	10 11.88	+22 3.3	1.709	2.584	13.0	19.1
4 1	10 6.53	+21 51.3	1.797	2.590	16.2	19.3

344213 2001 RL_{31} 2 26.3 176°.65 0°.6/25.5 18

1 22	10 56.97	+ 9 29.4	2.875	3.677	10.1	22.1
2 1	10 52.07	+ 9 58.2	2.788	3.679	7.5	21.9
2 11	10 45.71	+10 33.8	2.727	3.680	4.7	21.7
2 21	10 38.35	+11 12.9	2.696	3.681	1.6	21.5
3 2	10 30.59	+11 51.6	2.696	3.682	1.9	21.5
3 12	10 23.14	+12 26.1	2.727	3.682	5.0	21.7
3 22	10 16.59	+12 53.4	2.786	3.682	7.8	21.9
4 1	10 11.44	+13 11.6	2.871	3.681	10.3	22.1

182484 2001 SA_{142} 2 26.3 196°.92 1°.7/27.8 16

1 22	10 58.34	+ 1 50.3	2.002	2.794	14.2	21.2
2 1	10 53.75	+ 2 7.1	1.914	2.793	11.0	21.0
2 11	10 47.07	+ 2 39.8	1.848	2.791	7.4	20.8
2 21	10 38.89	+ 3 25.4	1.809	2.789	3.4	20.5
3 2	10 30.08	+ 4 19.3	1.799	2.786	2.2	20.5
3 12	10 21.65	+ 5 15.2	1.818	2.783	6.0	20.7
3 22	10 14.50	+ 6 7.3	1.864	2.780	9.9	20.9
4 1	10 9.34	+ 6 50.8	1.934	2.777	13.3	21.1

395557 2011 UH_{205} 2 26.3 161°.34 2°.4/23.9 18

1 22	11 1.46	+12 0.4	2.003	2.820	13.2	21.9
2 1	10 56.05	+13 7.8	1.928	2.828	9.9	21.7
2 11	10 48.47	+14 24.4	1.879	2.835	6.1	21.5
2 21	10 39.37	+15 43.4	1.858	2.841	2.7	21.3
3 2	10 29.70	+16 57.1	1.867	2.846	3.9	21.4
3 12	10 20.52	+17 58.6	1.906	2.851	7.6	21.6
3 22	10 12.77	+18 43.5	1.972	2.854	11.2	21.8
4 1	10 7.13	+19 10.3	2.061	2.857	14.3	22.1

457077 2008 EU_{82} 2 26.3 333°.06 1°.2/26.8 18

1 22	11 6.33	+ 8 19.6	1.485	2.302	17.1	20.1
2 1	11 0.53	+ 7 34.0	1.398	2.293	13.2	19.8
2 11	10 51.71	+ 6 56.4	1.334	2.285	8.6	19.5
2 21	10 40.62	+ 6 24.9	1.294	2.278	3.4	19.2
3 2	10 28.54	+ 5 57.2	1.283	2.271	2.6	19.1
3 12	10 17.04	+ 5 30.2	1.299	2.265	7.8	19.4
3 22	10 7.49	+ 5 1.4	1.341	2.259	12.8	19.7
4 1	10 0.87	+ 4 28.7	1.404	2.254	17.0	19.9

264655 2001 XV_{93} 2 26.3 189°.87 6°.7/19.7 18

1 22	11 1.68	+25 58.8	1.978	2.811	12.7	20.7
2 1	10 56.42	+27 16.0	1.912	2.811	10.0	20.5
2 11	10 48.79	+28 30.5	1.871	2.810	7.6	20.4
2 21	10 39.50	+29 33.3	1.858	2.809	6.8	20.3
3 2	10 29.60	+30 16.8	1.872	2.808	8.1	20.4
3 12	10 20.28	+30 36.2	1.912	2.806	10.7	20.5
3 22	10 12.56	+30 31.1	1.977	2.805	13.5	20.7
4 1	10 7.17	+30 3.4	2.061	2.803	16.0	20.9

132099 2002 CS_{206} 2 26.3 286°.12 2°.2/24.7 17

1 22	10 59.91	+11 20.8	1.544	2.377	15.7	20.2
2 1	10 55.81	+12 2.1	1.447	2.354	12.0	19.9
2 11	10 48.86	+12 56.5	1.372	2.331	7.5	19.6
2 21	10 39.68	+13 57.7	1.323	2.308	3.0	19.2
3 2	10 29.34	+14 57.0	1.301	2.284	4.1	19.2
3 12	10 19.28	+15 45.7	1.306	2.261	9.1	19.5
3 22	10 10.87	+16 17.4	1.335	2.237	14.0	19.7
4 1	10 5.16	+16 29.2	1.384	2.214	18.3	19.9

286456 2002 AJ_{97} 2 26.3 29°.33 0°.4/26.5 18

1 22	10 59.55	+ 6 45.5	1.174	2.014	19.2	19.9
2 1	10 55.69	+ 6 52.6	1.114	2.022	14.6	19.7
2 11	10 48.70	+ 7 16.9	1.075	2.032	9.3	19.4
2 21	10 39.53	+ 7 53.3	1.057	2.042	3.4	19.1
3 2	10 29.60	+ 8 34.0	1.065	2.054	2.8	19.1
3 12	10 20.58	+ 9 10.3	1.098	2.066	8.5	19.5
3 22	10 13.77	+ 9 35.7	1.153	2.078	13.7	19.8
4 1	10 10.04	+ 9 46.5	1.229	2.092	18.1	20.1

302515 2002 JK_{66} 2 26.3 1°.11 4°.6/23.3 18

1 22	10 55.91	+15 14.7	1.092	1.958	18.4	19.1
2 1	10 53.32	+16 8.1	1.031	1.955	13.8	18.8
2 11	10 47.44	+17 11.7	0.990	1.953	8.8	18.5
2 21	10 39.15	+18 15.0	0.971	1.953	4.8	18.3
3 2	10 29.93	+19 6.1	0.976	1.954	6.6	18.4
3 12	10 21.58	+19 35.6	1.004	1.957	11.5	18.7
3 22	10 15.53	+19 39.5	1.053	1.961	16.4	19.0
4 1	10 12.71	+19 18.0	1.120	1.966	20.6	19.2

176277 2001 RK_{143} 2 26.3 106°.65 1°.2/27.5 18

1 22	11 2.59	+ 4 28.3	2.779	3.554	11.1	19.9
2 1	10 56.14	+ 4 15.2	2.704	3.575	8.5	19.7
2 11	10 48.16	+ 4 10.4	2.656	3.596	5.6	19.5
2 21	10 39.20	+ 4 12.1	2.637	3.617	2.5	19.4
3 2	10 29.93	+ 4 17.9	2.650	3.637	1.7	19.3
3 12	10 21.11	+ 4 25.2	2.695	3.657	4.6	19.6
3 22	10 13.36	+ 4 31.2	2.770	3.676	7.4	19.8
4 1	10 7.20	+ 4 33.8	2.871	3.695	10.0	20.0

361129 2006 GQ_{21} 2 26.3 266°.33 0°.7/26.8 14 C

1 22	11 0.23	+ 4 57.1	1.717	2.526	15.5	21.9
2 1	10 55.75	+ 5 18.2	1.614	2.505	12.0	21.7
2 11	10 48.68	+ 5 55.7	1.533	2.484	7.8	21.4
2 21	10 39.59	+ 6 46.2	1.478	2.462	3.0	21.0
3 2	10 29.44	+ 7 43.8	1.451	2.440	2.3	20.9
3 12	10 19.53	+ 8 41.0	1.453	2.417	7.3	21.2
3 22	10 11.04	+ 9 30.6	1.480	2.394	12.1	21.4
4 1	10 4.97	+10 7.6	1.529	2.370	16.3	21.6

312048 2007 RW_{241} 2 26.3 142°.79 0°.2/26.2 18

1 22	11 1.20	+ 6 19.8	1.946	2.750	14.1	22.5
2 1	10 55.84	+ 6 58.7	1.872	2.762	10.7	22.3
2 11	10 48.32	+ 7 50.5	1.821	2.773	6.7	22.1
2 21	10 39.33	+ 8 50.6	1.798	2.783	2.3	21.9
3 2	10 29.80	+ 9 52.4	1.805	2.793	2.2	21.9
3 12	10 20.80	+10 49.2	1.842	2.802	6.5	22.2
3 22	10 13.24	+11 36.1	1.905	2.810	10.4	22.4
4 1	10 7.80	+12 9.7	1.993	2.818	13.7	22.6

190091 2004 TU_{135} 2 26.3 187°.45 3°.6/29.8 18 R

1 22	10 57.30	− 3 46.6	2.196	2.959	14.0	20.2
2 1	10 52.81	− 3 46.8	2.104	2.958	11.3	20.0
2 11	10 46.42	− 3 29.5	2.034	2.958	8.1	19.8
2 21	10 38.68	− 2 55.7	1.991	2.957	5.0	19.6
3 2	10 30.36	− 2 8.5	1.977	2.956	3.6	19.5
3 12	10 22.37	− 1 13.1	1.991	2.955	5.7	19.6
3 22	10 15.53	− 0 15.3	2.033	2.953	9.0	19.8
4 1	10 10.49	+ 0 39.1	2.101	2.951	12.1	20.0

413321 2003 WK_{2} 2 26.3 208°.75 1°.9/27.9 17

1 22	10 59.96	+ 1 25.0	1.969	2.757	14.5	22.2
2 1	10 55.06	+ 1 39.0	1.876	2.752	11.4	22.0
2 11	10 47.96	+ 2 9.3	1.805	2.747	7.6	21.7
2 21	10 39.25	+ 2 53.4	1.762	2.740	3.6	21.5
3 2	10 29.83	+ 3 46.7	1.747	2.734	2.4	21.4
3 12	10 20.75	+ 4 42.9	1.761	2.727	6.2	21.6
3 22	10 12.99	+ 5 35.9	1.803	2.719	10.2	21.8
4 1	10 7.31	+ 6 20.6	1.869	2.711	13.7	22.0

345627 2006 SE_{287} 2 26.3 159°.55 5°.0/ 3.9 17

1 22	10 55.41	−12 34.3	3.061	3.755	11.8	21.8
2 1	10 50.89	−12 44.9	2.966	3.761	10.0	21.7
2 11	10 44.98	−12 38.8	2.894	3.767	8.0	21.5
2 21	10 38.12	−12 16.0	2.847	3.772	6.1	21.4
3 2	10 30.88	−11 37.7	2.828	3.777	5.0	21.4
3 12	10 23.89	−10 47.2	2.839	3.781	5.5	21.4
3 22	10 17.71	− 9 48.8	2.879	3.785	7.2	21.5
4 1	10 12.84	− 8 47.3	2.945	3.789	9.2	21.7

201298 2002 SV_{64} 2 26.3 286°.69 6°.8/19.1 18

1 22	10 59.41	+27 8.6	2.083	2.918	12.1	19.8
2 1	10 54.67	+28 23.7	2.014	2.912	9.6	19.7
2 11	10 47.69	+29 35.4	1.970	2.906	7.5	19.5
2 21	10 39.14	+30 35.4	1.953	2.900	6.9	19.5
3 2	10 29.97	+31 16.4	1.963	2.894	8.2	19.5
3 12	10 21.31	+31 34.1	1.999	2.888	10.6	19.7
3 22	10 14.12	+31 27.6	2.059	2.882	13.3	19.8
4 1	10 9.10	+30 58.9	2.139	2.876	15.6	20.0

505459 2013 TB_{71} 2 26.3 222°.84 3°.0/29.6 17

1 22	10 56.78	− 4 2.0	2.395	3.152	13.1	22.9
2 1	10 52.36	− 3 38.5	2.289	3.142	10.6	22.7
2 11	10 46.13	− 2 56.7	2.207	3.131	7.6	22.4
2 21	10 38.60	− 1 58.3	2.151	3.119	4.5	22.2
3 2	10 30.44	− 0 47.0	2.125	3.107	3.1	22.1
3 12	10 22.51	+ 0 31.7	2.129	3.094	5.4	22.2
3 22	10 15.58	+ 1 51.2	2.163	3.080	8.6	22.4
4 1	10 10.30	+ 3 5.7	2.222	3.066	11.8	22.6

281340 2007 TP_{441} 2 26.3 145°.59 0°.2/26.1 18

1 22	10 55.34	+ 6 6.5	2.515	3.316	11.4	21.1
2 1	10 51.06	+ 6 55.6	2.434	3.323	8.6	20.9
2 11	10 45.18	+ 7 55.7	2.378	3.329	5.3	20.7
2 21	10 38.21	+ 9 2.6	2.351	3.336	1.8	20.5
3 2	10 30.83	+10 11.2	2.354	3.342	1.8	20.5
3 12	10 23.78	+11 15.8	2.388	3.347	5.3	20.7
3 22	10 17.74	+12 12.2	2.450	3.352	8.5	21.0
4 1	10 13.23	+12 57.1	2.538	3.357	11.2	21.1

245641 2005 YC_{49} 2 26.3 166°.34 1°.1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.55	+ 9 26.6	2.239	3.052	12.2	21.3
2 1	10 52.92	+10 14.4	2.159	3.055	9.1	21.1
2 11	10 46.45	+11 12.0	2.103	3.058	5.6	20.9
2 21	10 38.68	+12 14.3	2.076	3.061	2.0	20.7
3 2	10 30.41	+13 15.5	2.078	3.063	2.6	20.7
3 12	10 22.52	+14 9.7	2.111	3.065	6.3	20.9
3 22	10 15.81	+14 52.7	2.170	3.066	9.7	21.2
4 1	10 10.89	+15 22.1	2.254	3.067	12.7	21.3

248794 2006 SV_{92} 2 26.3 238°.00 5°.1/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.99	+26 15.8	2.710	3.530	10.1	21.6
2 1	10 55.35	+27 3.8	2.627	3.518	7.9	21.4
2 11	10 47.90	+27 48.7	2.570	3.506	5.9	21.2
2 21	10 39.19	+28 25.0	2.541	3.493	5.1	21.2
3 2	10 29.96	+28 47.6	2.542	3.480	6.2	21.2
3 12	10 21.11	+28 53.3	2.572	3.467	8.3	21.3
3 22	10 13.38	+28 41.4	2.628	3.453	10.6	21.5
4 1	10 7.40	+28 12.7	2.706	3.439	12.8	21.6

100379 1995 VZ_6 2 26.3 71°.74 1°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.19	+ 3 40.3	1.545	2.356	16.8	19.9
2 1	10 55.42	+ 4 5.3	1.485	2.377	12.8	19.7
2 11	10 48.19	+ 4 47.8	1.447	2.397	8.2	19.5
2 21	10 39.30	+ 5 42.9	1.434	2.417	3.3	19.2
3 2	10 29.91	+ 6 43.5	1.449	2.437	2.2	19.2
3 12	10 21.27	+ 7 41.8	1.491	2.457	7.0	19.5
3 22	10 14.41	+ 8 31.1	1.559	2.477	11.3	19.8
4 1	10 10.01	+ 9 7.2	1.650	2.497	15.0	20.1

125959 2001 XL_{264} 2 26.3 197°.06 1°.3/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.86	+ 3 25.1	1.971	2.761	14.5	20.7
2 1	10 57.23	+ 3 36.3	1.879	2.758	11.2	20.5
2 11	10 49.32	+ 4 1.8	1.810	2.754	7.4	20.2
2 21	10 39.75	+ 4 38.8	1.769	2.750	3.2	20.0
3 2	10 29.45	+ 5 22.7	1.757	2.744	2.1	19.9
3 12	10 19.53	+ 6 7.6	1.774	2.738	6.3	20.1
3 22	10 11.00	+ 6 48.0	1.820	2.731	10.4	20.3
4 1	10 4.62	+ 7 19.7	1.889	2.723	13.9	20.6

348818 2006 RM_{17} 2 26.3 196°.93 2°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.54	− 2 23.6	2.625	3.385	12.0	20.9
2 1	10 51.94	− 2 28.4	2.529	3.384	9.6	20.7
2 11	10 45.75	− 2 19.6	2.457	3.382	6.9	20.5
2 21	10 38.44	− 1 58.2	2.412	3.380	4.1	20.3
3 2	10 30.64	− 1 26.7	2.397	3.377	3.0	20.2
3 12	10 23.12	− 0 48.9	2.412	3.375	4.9	20.4
3 22	10 16.54	− 0 8.9	2.455	3.372	7.8	20.5
4 1	10 11.46	+ 0 28.9	2.524	3.369	10.5	20.7

388899 2008 SD_{28} 2 26.3 187°.61 2°.7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.72	− 1 9.5	2.142	2.920	13.8	21.4
2 1	10 52.41	− 1 1.5	2.053	2.920	11.0	21.2
2 11	10 46.20	− 0 37.1	1.986	2.920	7.6	21.0
2 21	10 38.63	+ 0 1.9	1.946	2.919	4.2	20.7
3 2	10 30.49	+ 0 51.8	1.935	2.919	2.8	20.7
3 12	10 22.70	+ 1 47.1	1.952	2.918	5.6	20.8
3 22	10 16.09	+ 2 41.9	1.997	2.917	9.1	21.0
4 1	10 11.29	+ 3 31.2	2.067	2.916	12.3	21.2

224594 2005 YB_8 2 26.3 128°.48 2°.5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.89	− 1 1.5	2.442	3.207	12.7	21.4
2 1	10 54.42	− 0 58.5	2.364	3.223	10.0	21.3
2 11	10 47.26	− 0 41.5	2.310	3.239	6.9	21.1
2 21	10 38.95	− 0 12.4	2.283	3.255	3.8	20.9
3 2	10 30.24	+ 0 25.6	2.287	3.270	2.6	20.9
3 12	10 21.96	+ 1 8.0	2.321	3.284	5.1	21.0
3 22	10 14.81	+ 1 50.2	2.384	3.298	8.1	21.2
4 1	10 9.33	+ 2 28.2	2.473	3.311	10.9	21.4

190255 2007 HG 2 26.3 192°.65 2°.5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.36	+14 4.7	2.243	3.065	11.9	20.5
2 1	10 53.59	+14 56.6	2.161	3.063	8.8	20.3
2 11	10 46.90	+15 54.9	2.106	3.062	5.5	20.1
2 21	10 38.87	+16 54.0	2.078	3.060	2.7	19.9
3 2	10 30.30	+17 47.5	2.081	3.058	3.8	20.0
3 12	10 22.11	+18 30.2	2.112	3.055	7.1	20.2
3 22	10 15.13	+18 58.7	2.171	3.052	10.4	20.4
4 1	10 9.99	+19 11.7	2.252	3.048	13.2	20.6

498377 2007 WF_{23} 2 26.3 229°.57 5°.0/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.22	+23 21.8	2.410	3.240	10.9	21.4
2 1	10 53.46	+24 26.8	2.334	3.234	8.4	21.3
2 11	10 46.81	+25 31.3	2.284	3.228	6.0	21.1
2 21	10 38.84	+26 28.8	2.262	3.222	5.0	21.0
3 2	10 30.34	+27 13.0	2.270	3.216	6.2	21.1
3 12	10 22.23	+27 39.8	2.305	3.210	8.7	21.2
3 22	10 15.31	+27 47.5	2.366	3.203	11.2	21.4
4 1	10 10.21	+27 36.7	2.448	3.197	13.6	21.6

289834 2005 LW_{20} 2 26.3 174°.30 0°.3/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.79	+ 6 22.8	2.391	3.188	12.0	21.8
2 1	10 53.76	+ 7 10.2	2.304	3.192	9.1	21.6
2 11	10 46.94	+ 8 9.1	2.244	3.194	5.7	21.4
2 21	10 38.88	+ 9 15.2	2.212	3.197	1.9	21.2
3 2	10 30.31	+10 23.0	2.211	3.198	1.9	21.2
3 12	10 22.09	+11 26.6	2.241	3.199	5.7	21.4
3 22	10 14.98	+12 21.3	2.299	3.199	9.1	21.6
4 1	10 9.56	+13 3.9	2.382	3.198	12.0	21.8

90617 9589 P–L 2 26.3 139°.27 0°.4/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.27	+ 4 39.5	2.401	3.193	12.1	20.5
2 1	10 53.27	+ 5 15.4	2.324	3.206	9.2	20.3
2 11	10 46.58	+ 6 3.0	2.271	3.218	5.8	20.1
2 21	10 38.73	+ 6 58.6	2.247	3.230	2.2	19.9
3 2	10 30.47	+ 7 57.3	2.253	3.241	1.7	19.8
3 12	10 22.61	+ 8 53.7	2.290	3.251	5.3	20.1
3 22	10 15.87	+ 9 43.3	2.355	3.261	8.6	20.3
4 1	10 10.79	+10 22.9	2.446	3.271	11.4	20.5

82048 2000 ST_{274} 2 26.3 218°.98 2°.9/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.26	− 5 15.0	3.143	3.883	10.7	20.3
2 1	10 50.05	− 4 59.6	3.034	3.874	8.6	20.1
2 11	10 44.50	− 4 30.2	2.950	3.864	6.3	20.0
2 21	10 38.01	− 3 47.8	2.892	3.853	4.0	19.8
3 2	10 31.09	− 2 54.9	2.865	3.842	2.9	19.7
3 12	10 24.34	− 1 55.2	2.869	3.830	4.4	19.8
3 22	10 18.33	− 0 53.1	2.903	3.818	6.8	19.9
4 1	10 13.53	+ 0 7.2	2.963	3.806	9.2	20.1

399311 1994 XR_3 2 26.3 172°.45 0°.7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.19	+ 3 56.9	1.936	2.732	14.5	22.5
2 1	10 55.95	+ 4 30.8	1.852	2.736	11.1	22.3
2 11	10 48.50	+ 5 20.1	1.792	2.739	7.1	22.1
2 21	10 39.47	+ 6 20.7	1.759	2.742	2.8	21.8
3 2	10 29.80	+ 7 26.5	1.755	2.743	2.0	21.8
3 12	10 20.58	+ 8 30.5	1.781	2.744	6.4	22.0
3 22	10 12.76	+ 9 26.6	1.835	2.744	10.4	22.3
4 1	10 7.07	+10 10.6	1.913	2.744	13.9	22.5

417472 2006 RZ_7 2 26.3 196°.67 0°.2/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.90	+ 5 40.8	2.147	2.945	13.1	22.7
2 1	10 54.84	+ 6 13.3	2.056	2.943	10.0	22.5
2 11	10 47.75	+ 6 58.6	1.990	2.939	6.4	22.2
2 21	10 39.21	+ 7 52.7	1.951	2.935	2.3	21.9
3 2	10 30.04	+ 8 50.2	1.942	2.930	1.9	21.9
3 12	10 21.22	+ 9 45.1	1.964	2.925	6.0	22.2
3 22	10 13.63	+10 32.3	2.013	2.919	9.8	22.4
4 1	10 7.95	+11 8.1	2.086	2.912	13.1	22.6

405221 2003 RM_3 2 26.3 180°.72 0°.6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.71	+ 8 12.3	2.027	2.833	13.5	22.3
2 1	10 56.26	+ 8 44.6	1.943	2.835	10.2	22.1
2 11	10 48.66	+ 9 28.0	1.883	2.836	6.4	21.8
2 21	10 39.53	+10 17.8	1.851	2.836	2.2	21.6
3 2	10 29.77	+11 8.2	1.849	2.835	2.4	21.6
3 12	10 20.45	+11 53.1	1.876	2.834	6.6	21.8
3 22	10 12.50	+12 28.1	1.931	2.832	10.4	22.1
4 1	10 6.62	+12 50.4	2.009	2.829	13.8	22.3

23647 1997 BR_3 2 26.3 269°.04 1°.4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 9.31	+13 12.6	1.868	2.677	14.4	19.1
2 1	11 2.51	+13 4.0	1.760	2.654	11.0	18.8
2 11	10 52.90	+12 59.7	1.677	2.630	7.0	18.5
2 21	10 41.13	+12 55.6	1.621	2.605	2.6	18.2
3 2	10 28.27	+12 47.0	1.595	2.580	3.1	18.2
3 12	10 15.70	+12 30.1	1.600	2.555	7.8	18.4
3 22	10 4.71	+12 2.9	1.632	2.529	12.3	18.6
4 1	9 56.29	+11 25.1	1.687	2.502	16.2	18.8

352651 2008 QA_9 2 26.3 181°.56 0°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.52	+ 7 6.3	1.863	2.667	14.6	22.1
2 1	10 57.81	+ 7 34.8	1.779	2.669	11.1	21.9
2 11	10 49.72	+ 8 16.1	1.718	2.670	7.0	21.6
2 21	10 39.92	+ 9 5.5	1.685	2.670	2.4	21.3
3 2	10 29.41	+ 9 57.0	1.682	2.669	2.3	21.3
3 12	10 19.38	+10 43.9	1.708	2.667	6.9	21.6
3 22	10 10.87	+11 21.0	1.760	2.665	11.1	21.8
4 1	10 4.66	+11 45.3	1.837	2.661	14.7	22.1

354861 2005 YC_{266} 2 26.3 282°.52 2°.9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.98	+ 0 27.8	1.474	2.279	17.8	20.6
2 1	10 55.09	+ 0 27.8	1.383	2.267	14.1	20.3
2 11	10 48.40	+ 0 49.0	1.312	2.256	9.7	20.0
2 21	10 39.56	+ 1 29.8	1.266	2.244	5.0	19.7
3 2	10 29.67	+ 2 25.3	1.245	2.232	3.3	19.5
3 12	10 20.16	+ 3 27.3	1.251	2.220	7.6	19.8
3 22	10 12.33	+ 4 27.4	1.282	2.208	12.5	20.0
4 1	10 7.18	+ 5 18.0	1.335	2.197	17.0	20.2

315282 2007 TG_{114} 2 26.3 84°.98 0°.6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.03	+ 8 54.4	1.563	2.384	16.2	20.5
2 1	10 57.61	+ 9 12.9	1.499	2.399	12.2	20.3
2 11	10 49.61	+ 9 43.0	1.458	2.413	7.6	20.1
2 21	10 39.85	+10 19.4	1.443	2.428	2.6	19.8
3 2	10 29.53	+10 55.6	1.455	2.442	2.7	19.8
3 12	10 19.99	+11 25.2	1.496	2.457	7.5	20.2
3 22	10 12.29	+11 43.8	1.561	2.471	11.9	20.5
4 1	10 7.18	+11 49.1	1.649	2.485	15.6	20.7

298975 2004 VU_{81} 2 26.3 80°.46 3°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.24	+13 45.7	1.455	2.293	16.3	21.0
2 1	10 57.22	+14 38.9	1.398	2.307	12.1	20.8
2 11	10 49.44	+15 40.7	1.363	2.322	7.5	20.5
2 21	10 39.81	+16 42.6	1.353	2.336	3.6	20.3
3 2	10 29.58	+17 35.5	1.371	2.350	4.9	20.5
3 12	10 20.20	+18 12.1	1.416	2.364	9.3	20.7
3 22	10 12.82	+18 29.1	1.484	2.378	13.4	21.0
4 1	10 8.16	+18 26.3	1.573	2.392	17.0	21.3

314304 2005 SK_{134} 2 26.3 256°.20 8°.9/23.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 20.01	+26 57.7	1.129	1.966	20.0	19.8
2 1	11 12.05	+27 20.5	1.059	1.960	15.9	19.6
2 11	10 59.48	+27 34.0	1.010	1.954	11.7	19.3
2 21	10 43.49	+27 24.6	0.983	1.948	9.0	19.1
3 2	10 26.31	+26 41.8	0.982	1.942	10.3	19.2
3 12	10 10.56	+25 23.3	1.006	1.936	14.4	19.4
3 22	9 58.27	+23 35.7	1.052	1.929	19.1	19.6
4 1	9 50.51	+21 28.8	1.117	1.923	23.2	19.9

344518 2002 RU_{277} 2 26.3 112°.47 3°.6/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.90	− 1 48.5	1.557	2.341	17.9	21.9
2 1	10 58.30	− 1 52.6	1.489	2.359	14.2	21.7
2 11	10 50.07	− 1 35.2	1.442	2.376	9.9	21.5
2 21	10 40.03	− 0 58.1	1.420	2.393	5.5	21.3
3 2	10 29.37	− 0 6.5	1.425	2.409	3.8	21.2
3 12	10 19.43	+ 0 52.1	1.458	2.424	7.1	21.5
3 22	10 11.34	+ 1 49.9	1.518	2.439	11.3	21.7
4 1	10 5.86	+ 2 40.2	1.600	2.453	15.1	22.0

136052 2002 XL_{30} 2 26.3 37°.14 4°.9/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.73	− 5 15.5	2.108	2.864	14.7	19.4
2 1	10 53.95	− 5 52.9	2.023	2.868	12.1	19.2
2 11	10 47.18	− 6 13.5	1.960	2.873	9.0	19.1
2 21	10 39.02	− 6 16.7	1.923	2.878	6.2	18.9
3 2	10 30.27	− 6 4.0	1.913	2.883	4.9	18.8
3 12	10 21.90	− 5 39.2	1.931	2.889	6.4	18.9
3 22	10 14.78	− 5 7.2	1.977	2.894	9.3	19.1
4 1	10 9.56	− 4 33.5	2.047	2.900	12.3	19.3

8640 Ritaschulz 2 26.3 123°.63 1°.9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.27	+11 35.8	2.142	2.961	12.4	18.3
2 1	10 53.50	+12 29.2	2.072	2.972	9.2	18.1
2 11	10 46.83	+13 30.8	2.027	2.983	5.7	17.9
2 21	10 38.86	+14 34.7	2.009	2.993	2.3	17.7
3 2	10 30.43	+15 34.6	2.022	3.003	3.3	17.7
3 12	10 22.48	+16 24.9	2.064	3.013	6.8	18.0
3 22	10 15.80	+17 1.7	2.133	3.022	10.2	18.2
4 1	10 11.00	+17 23.2	2.225	3.031	13.1	18.4

306334 2011 SF_{119} 2 26.3 86°.24 1°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.94	+ 3 4.3	1.562	2.369	16.8	21.1
2 1	10 55.98	+ 3 39.2	1.502	2.391	12.9	20.9
2 11	10 48.56	+ 4 32.6	1.464	2.413	8.3	20.7
2 21	10 39.49	+ 5 39.1	1.451	2.434	3.3	20.5
3 2	10 29.92	+ 6 51.1	1.467	2.455	2.2	20.4
3 12	10 21.10	+ 8 0.0	1.511	2.476	7.0	20.8
3 22	10 14.06	+ 8 58.8	1.580	2.497	11.3	21.1
4 1	10 9.48	+ 9 43.2	1.672	2.517	15.0	21.4

403804 2011 UT_{54} 2 26.3 121°.18 3°.5/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.21	− 2 34.3	1.725	2.504	16.6	21.9
2 1	10 55.39	− 2 29.2	1.649	2.515	13.2	21.7
2 11	10 48.22	− 2 3.1	1.594	2.526	9.3	21.4
2 21	10 39.40	− 1 17.8	1.564	2.536	5.3	21.2
3 2	10 29.96	− 0 18.3	1.563	2.546	3.6	21.1
3 12	10 21.06	+ 0 48.4	1.589	2.555	6.6	21.3
3 22	10 13.72	+ 1 54.4	1.642	2.564	10.5	21.6
4 1	10 8.68	+ 2 53.1	1.718	2.573	14.2	21.8

340814 2006 UR_{29} 2 26.3 234°.83 3°.3/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.30	+18 25.1	2.413	3.238	11.0	21.0
2 1	10 53.43	+19 4.3	2.334	3.236	8.3	20.8
2 11	10 46.76	+19 45.5	2.281	3.234	5.4	20.6
2 21	10 38.85	+20 23.6	2.256	3.232	3.4	20.4
3 2	10 30.47	+20 53.2	2.262	3.230	4.4	20.5
3 12	10 22.49	+21 10.7	2.295	3.228	7.2	20.7
3 22	10 15.67	+21 14.0	2.356	3.226	10.1	20.9
4 1	10 10.60	+21 2.8	2.440	3.224	12.7	21.0

77668 2001 LL_{19} 2 26.3 209°.85 1°.2/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.74	+ 2 17.2	1.913	2.704	14.8	20.2
2 1	10 55.78	+ 2 51.3	1.817	2.698	11.5	20.0
2 11	10 48.52	+ 3 43.1	1.745	2.690	7.5	19.7
2 21	10 39.55	+ 4 49.2	1.700	2.682	3.2	19.4
3 2	10 29.79	+ 6 3.5	1.684	2.672	2.1	19.3
3 12	10 20.36	+ 7 18.4	1.698	2.662	6.5	19.6
3 22	10 12.28	+ 8 26.8	1.739	2.651	10.7	19.8
4 1	10 6.36	+ 9 23.2	1.804	2.639	14.4	20.0

460024 2014 OX_{150} 2 26.3 124°.45 0°.1/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.12	+ 6 7.3	1.896	2.701	14.4	22.8
2 1	10 55.81	+ 6 45.4	1.826	2.716	10.9	22.6
2 11	10 48.35	+ 7 36.7	1.780	2.731	6.8	22.3
2 21	10 39.42	+ 8 36.3	1.761	2.746	2.4	22.1
3 2	10 29.99	+ 9 37.7	1.772	2.760	2.1	22.1
3 12	10 21.14	+10 34.2	1.812	2.773	6.5	22.4
3 22	10 13.76	+11 20.5	1.879	2.786	10.4	22.7
4 1	10 8.54	+11 53.6	1.970	2.798	13.7	22.9

238867 2005 XP_{20} 2 26.3 343°.68 1°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.16	+ 9 49.9	1.248	2.090	18.1	20.8
2 1	10 56.29	+10 11.2	1.175	2.086	13.8	20.5
2 11	10 49.26	+10 46.9	1.122	2.082	8.6	20.2
2 21	10 39.89	+11 30.5	1.093	2.079	3.0	19.9
3 2	10 29.53	+12 13.5	1.089	2.076	3.6	19.9
3 12	10 19.86	+12 47.2	1.110	2.074	9.2	20.2
3 22	10 12.30	+13 5.8	1.155	2.072	14.5	20.5
4 1	10 7.82	+13 6.6	1.218	2.071	18.9	20.8

463539 2013 RZ_{33} 2 26.3 208°.29 1°.3/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.82	+ 2 6.9	2.270	3.057	12.9	22.4
2 1	10 53.20	+ 2 32.4	2.175	3.052	10.0	22.2
2 11	10 46.71	+ 3 12.3	2.103	3.046	6.6	21.9
2 21	10 38.88	+ 4 3.8	2.060	3.040	3.0	21.7
3 2	10 30.45	+ 5 2.4	2.045	3.033	1.9	21.6
3 12	10 22.31	+ 6 2.3	2.061	3.026	5.5	21.8
3 22	10 15.28	+ 6 58.2	2.105	3.018	9.1	22.0
4 1	10 10.00	+ 7 45.5	2.174	3.010	12.3	22.2

336753 2010 HK_{85} 2 26.3 250°.85 0°.6/26.8 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.15	+ 6 39.5	2.214	3.014	12.7	21.0
2 1	10 54.99	+ 6 39.0	2.119	3.006	9.8	20.8
2 11	10 47.85	+ 6 48.1	2.049	2.998	6.3	20.5
2 21	10 39.28	+ 7 4.0	2.006	2.989	2.4	20.3
3 2	10 30.09	+ 7 23.2	1.993	2.981	1.8	20.2
3 12	10 21.23	+ 7 41.5	2.009	2.972	5.8	20.4
3 22	10 13.55	+ 7 55.4	2.053	2.963	9.5	20.6
4 1	10 7.75	+ 8 2.0	2.122	2.954	12.7	20.8

340616 2006 QL_{88} 2 26.3 126°.83 0°.6/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.51	+ 2 45.9	2.835	3.619	10.7	21.3
2 1	10 50.27	+ 3 39.4	2.756	3.633	8.1	21.2
2 11	10 44.64	+ 4 44.6	2.702	3.647	5.2	21.0
2 21	10 38.08	+ 5 58.1	2.677	3.660	2.1	20.8
3 2	10 31.19	+ 7 15.1	2.684	3.672	1.4	20.8
3 12	10 24.61	+ 8 30.4	2.723	3.685	4.5	21.0
3 22	10 18.91	+ 9 39.4	2.790	3.697	7.4	21.2
4 1	10 14.55	+10 38.8	2.885	3.708	9.9	21.4

360434 2002 JH_{45} 2 26.3 287°.73 2°.1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.43	+11 38.6	1.533	2.366	15.8	20.7
2 1	10 56.13	+12 11.9	1.445	2.352	12.0	20.4
2 11	10 49.04	+12 56.7	1.379	2.338	7.5	20.1
2 21	10 39.81	+13 46.6	1.339	2.323	2.9	19.8
3 2	10 29.59	+14 33.6	1.326	2.309	3.9	19.8
3 12	10 19.80	+15 9.9	1.339	2.295	8.8	20.0
3 22	10 11.73	+15 30.4	1.377	2.281	13.5	20.3
4 1	10 6.34	+15 32.8	1.436	2.268	17.6	20.5

28804 2000 HC_{81} 2 26.3 170°.78 1°.0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.38	+ 9 59.5	2.308	3.115	12.1	19.5
2 1	10 55.01	+10 33.3	2.225	3.119	9.0	19.3
2 11	10 47.77	+11 15.3	2.168	3.122	5.6	19.1
2 21	10 39.22	+12 1.3	2.140	3.125	2.0	18.9
3 2	10 30.18	+12 46.0	2.142	3.127	2.4	18.9
3 12	10 21.53	+13 24.4	2.174	3.128	6.1	19.1
3 22	10 14.08	+13 53.0	2.234	3.129	9.5	19.3
4 1	10 8.45	+14 9.7	2.319	3.129	12.4	19.5

88292 Bora–Bora 2 26.3 194°.91 1°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.32	+ 9 26.6	1.981	2.788	13.7	21.2
2 1	10 57.61	+10 5.5	1.893	2.786	10.4	21.0
2 11	10 49.60	+10 55.1	1.829	2.783	6.4	20.7
2 21	10 39.93	+11 50.4	1.793	2.778	2.3	20.4
3 2	10 29.54	+12 44.9	1.788	2.773	2.8	20.5
3 12	10 19.57	+13 32.1	1.812	2.767	7.0	20.7
3 22	10 11.02	+14 7.4	1.864	2.760	11.0	20.9
4 1	10 4.65	+14 28.3	1.938	2.751	14.5	21.1

61761 2000 QS_{165} 2 26.3 337°.34 3°.8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.84	− 4 1.0	1.720	2.503	16.5	19.0
2 1	10 51.50	− 3 47.3	1.632	2.499	13.3	18.7
2 11	10 45.90	− 3 10.0	1.565	2.496	9.5	18.5
2 21	10 38.65	− 2 10.8	1.523	2.493	5.7	18.3
3 2	10 30.66	− 0 54.4	1.507	2.490	3.9	18.1
3 12	10 23.08	+ 0 31.2	1.519	2.487	6.6	18.3
3 22	10 16.88	+ 1 57.1	1.557	2.485	10.6	18.5
4 1	10 12.87	+ 3 15.3	1.619	2.483	14.4	18.7

258428 2001 XU_{198} 2 26.3 37°.74 1°.7/24.8 18

1 22	10 56.12	+ 9 22.0	1.605	2.438	15.2	20.0
2 1	10 52.47	+10 21.4	1.539	2.446	11.4	19.8
2 11	10 46.47	+11 34.3	1.495	2.454	7.0	19.5
2 21	10 38.81	+12 53.4	1.478	2.463	2.5	19.3
3 2	10 30.56	+14 9.9	1.488	2.472	3.5	19.4
3 12	10 22.91	+15 15.4	1.525	2.482	7.9	19.7
3 22	10 16.85	+16 4.2	1.588	2.492	12.1	19.9
4 1	10 13.11	+16 33.6	1.672	2.502	15.6	20.2

325622 2009 SH_{254} 2 26.3 222°.20 3°.5/22.9 17

1 22	11 3.01	+18 31.1	2.391	3.208	11.4	21.6
2 1	10 57.09	+19 12.4	2.300	3.197	8.6	21.4
2 11	10 49.15	+19 56.2	2.234	3.185	5.6	21.2
2 21	10 39.75	+20 36.7	2.197	3.172	3.6	21.1
3 2	10 29.73	+21 8.3	2.191	3.159	4.6	21.1
3 12	10 20.05	+21 26.7	2.215	3.145	7.6	21.3
3 22	10 11.59	+21 29.8	2.265	3.130	10.7	21.4
4 1	10 5.04	+21 17.4	2.340	3.115	13.4	21.6

142743 2002 TD_{292} 2 26.3 53°.55 0°.9/26.9 18

1 22	11 1.03	+ 5 42.3	1.520	2.338	16.7	19.8
2 1	10 56.21	+ 5 45.2	1.455	2.350	12.8	19.6
2 11	10 48.81	+ 6 2.8	1.412	2.363	8.2	19.4
2 21	10 39.64	+ 6 31.0	1.393	2.377	3.2	19.1
3 2	10 29.88	+ 7 4.2	1.402	2.390	2.3	19.1
3 12	10 20.84	+ 7 35.8	1.438	2.404	7.1	19.4
3 22	10 13.62	+ 8 0.4	1.499	2.418	11.6	19.7
4 1	10 8.95	+ 8 14.5	1.583	2.433	15.4	20.0

170164 2003 FS_{41} 2 26.3 333°.03 3°.3/22.9 18

1 22	10 56.20	+16 47.3	2.198	3.030	11.7	19.6
2 1	10 52.06	+17 37.3	2.119	3.026	8.8	19.4
2 11	10 46.01	+18 31.5	2.066	3.022	5.6	19.2
2 21	10 38.63	+19 24.0	2.040	3.018	3.4	19.1
3 2	10 30.73	+20 8.8	2.043	3.015	4.5	19.1
3 12	10 23.22	+20 41.0	2.075	3.011	7.6	19.3
3 22	10 16.92	+20 57.6	2.132	3.008	10.7	19.5
4 1	10 12.45	+20 57.9	2.212	3.005	13.5	19.7

61255 2000 OJ_{25} 2 26.3 180°.40 3°.2/23.5 18

1 22	11 1.71	+14 11.2	1.854	2.679	13.8	19.9
2 1	10 56.52	+15 16.3	1.777	2.681	10.3	19.7
2 11	10 48.96	+16 29.6	1.725	2.682	6.5	19.4
2 21	10 39.71	+17 43.6	1.701	2.682	3.4	19.2
3 2	10 29.78	+18 50.0	1.706	2.681	4.7	19.3
3 12	10 20.36	+19 41.7	1.739	2.680	8.5	19.5
3 22	10 12.46	+20 14.8	1.799	2.679	12.2	19.7
4 1	10 6.86	+20 28.3	1.880	2.676	15.5	20.0

66989 1999 XZ_{102} 2 26.3 77°.14 2°.3/24.1 18

1 22	11 0.20	+12 57.2	2.023	2.844	13.0	19.2
2 1	10 54.89	+13 50.7	1.973	2.874	9.6	19.0
2 11	10 47.63	+14 50.4	1.947	2.904	5.9	18.8
2 21	10 39.15	+15 49.9	1.950	2.933	2.6	18.7
3 2	10 30.36	+16 43.0	1.982	2.961	3.6	18.8
3 12	10 22.23	+17 24.3	2.044	2.990	7.0	19.0
3 22	10 15.55	+17 51.1	2.131	3.018	10.3	19.3
4 1	10 10.87	+18 2.5	2.242	3.045	13.1	19.5

204342 2004 RB_{316} 2 26.3 100°.79 0°.7/25.7 18

1 22	11 3.49	+ 8 8.8	1.644	2.459	15.8	21.3
2 1	10 57.81	+ 8 45.8	1.584	2.481	11.8	21.1
2 11	10 49.68	+ 9 35.4	1.548	2.502	7.3	20.9
2 21	10 39.92	+10 31.3	1.538	2.523	2.5	20.6
3 2	10 29.68	+11 26.4	1.557	2.543	2.7	20.7
3 12	10 20.22	+12 13.5	1.604	2.563	7.3	21.0
3 22	10 12.55	+12 48.0	1.677	2.582	11.5	21.3
4 1	10 7.35	+13 7.4	1.773	2.601	15.0	21.6

505165 2012 SU_{26} 2 26.3 198°.39 3°.2/22.9 17

1 22	11 0.64	+18 46.6	2.629	3.447	10.4	22.2
2 1	10 55.05	+19 20.6	2.546	3.444	7.8	22.0
2 11	10 47.73	+19 55.9	2.490	3.441	5.1	21.8
2 21	10 39.22	+20 27.8	2.462	3.437	3.2	21.7
3 2	10 30.26	+20 51.6	2.465	3.433	4.2	21.7
3 12	10 21.66	+21 3.9	2.498	3.429	6.8	21.9
3 22	10 14.18	+21 3.1	2.558	3.424	9.6	22.0
4 1	10 8.37	+20 49.0	2.643	3.419	12.0	22.2

107181 2001 BU_{25} 2 26.3 76°.15 4°.3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.32	+19 30.1	2.473	3.304	10.6	19.4
2 1	10 51.13	+21 11.5	2.421	3.325	7.9	19.3
2 11	10 45.29	+22 54.5	2.396	3.346	5.4	19.2
2 21	10 38.35	+24 32.0	2.401	3.367	4.3	19.1
3 2	10 31.04	+25 56.9	2.436	3.387	5.6	19.2
3 12	10 24.14	+27 4.2	2.500	3.407	8.0	19.4
3 22	10 18.36	+27 51.7	2.590	3.428	10.4	19.6
4 1	10 14.20	+28 19.3	2.702	3.448	12.5	19.8

115790 2003 US_{222} 2 26.3 340°.22 5°.1/ 1.1 18

1 22	10 57.94	− 4 15.0	1.520	2.305	18.2	19.8
2 1	10 54.15	− 4 37.4	1.436	2.302	14.8	19.5
2 11	10 47.73	− 4 36.5	1.372	2.299	10.9	19.3
2 21	10 39.35	− 4 12.1	1.331	2.296	7.0	19.0
3 2	10 30.10	− 3 27.2	1.315	2.294	5.2	18.9
3 12	10 21.29	− 2 28.7	1.326	2.292	7.7	19.1
3 22	10 14.13	− 1 25.1	1.361	2.290	11.7	19.3
4 1	10 9.51	− 0 24.8	1.419	2.288	15.7	19.5

56262 1999 JE_{89} 2 26.3 185°.56 5°.2/20.1 18

1 22	10 59.49	+22 49.2	2.401	3.228	11.0	19.0
2 1	10 54.46	+24 15.1	2.329	3.228	8.4	18.9
2 11	10 47.49	+25 41.3	2.284	3.228	6.1	18.7
2 21	10 39.17	+27 0.5	2.269	3.227	5.2	18.7
3 2	10 30.30	+28 5.8	2.282	3.225	6.5	18.7
3 12	10 21.80	+28 52.1	2.324	3.223	8.9	18.9
3 22	10 14.52	+29 17.5	2.392	3.220	11.5	19.0
4 1	10 9.09	+29 22.5	2.481	3.216	13.8	19.2

75940 2000 CL_{82} 2 26.3 316°.73 1°.1/25.3 18

1 22	10 57.26	+10 1.2	1.993	2.814	13.2	19.2
2 1	10 53.02	+10 31.1	1.909	2.809	9.9	19.0
2 11	10 46.71	+11 10.7	1.848	2.805	6.1	18.8
2 21	10 38.92	+11 55.3	1.815	2.800	2.2	18.5
3 2	10 30.52	+12 39.0	1.811	2.796	2.7	18.5
3 12	10 22.53	+13 16.3	1.834	2.792	6.7	18.8
3 22	10 15.82	+13 42.9	1.885	2.788	10.5	19.0
4 1	10 11.10	+13 56.3	1.958	2.784	13.8	19.2

373971 2003 YB_{48} 2 26.3 61°.40 1°.6/27.7 18

1 22	10 58.43	+ 2 36.1	1.923	2.720	14.5	20.5
2 1	10 53.70	+ 2 47.9	1.860	2.742	11.1	20.3
2 11	10 46.98	+ 3 14.4	1.821	2.765	7.3	20.1
2 21	10 38.96	+ 3 52.2	1.807	2.788	3.3	19.9
3 2	10 30.55	+ 4 36.4	1.823	2.810	2.1	19.9
3 12	10 22.72	+ 5 21.3	1.867	2.833	5.8	20.2
3 22	10 16.30	+ 6 1.6	1.938	2.856	9.5	20.4
4 1	10 11.88	+ 6 33.5	2.033	2.878	12.6	20.7

89306 2001 VU_{33} 2 26.3 186°.05 1°.5/24.8 18

1 22	10 59.40	+11 0.8	2.220	3.033	12.3	20.3
2 1	10 54.41	+11 43.2	2.136	3.033	9.2	20.1
2 11	10 47.47	+12 33.9	2.077	3.032	5.7	19.9
2 21	10 39.17	+13 28.1	2.047	3.031	2.2	19.6
3 2	10 30.32	+14 19.9	2.047	3.030	2.9	19.7
3 12	10 21.85	+15 3.9	2.076	3.028	6.5	19.9
3 22	10 14.60	+15 36.2	2.133	3.025	10.0	20.1
4 1	10 9.21	+15 54.8	2.214	3.022	13.0	20.3

463320 2012 JF_{60} 2 26.3 194°.06 1°.8/24.6 17

1 22	10 57.47	+10 44.9	2.055	2.876	12.8	21.4
2 1	10 53.12	+11 39.8	1.974	2.875	9.6	21.2
2 11	10 46.74	+12 44.7	1.917	2.874	5.9	21.0
2 21	10 38.93	+13 53.9	1.888	2.872	2.3	20.7
3 2	10 30.53	+15 0.6	1.888	2.871	3.2	20.8
3 12	10 22.53	+15 58.1	1.918	2.869	7.0	21.0
3 22	10 15.79	+16 41.9	1.974	2.867	10.7	21.2
4 1	10 11.00	+17 9.5	2.053	2.865	13.8	21.4

104392 2000 FW_{39} 2 26.3 111°.71 2°.3/29.0 18

1 22	10 54.76	− 2 27.7	2.332	3.103	13.1	19.8
2 1	10 50.78	− 1 49.3	2.250	3.113	10.3	19.6
2 11	10 45.12	− 0 53.2	2.191	3.123	7.1	19.4
2 21	10 38.32	+ 0 17.4	2.159	3.132	3.8	19.2
3 2	10 31.08	+ 1 37.8	2.156	3.141	2.4	19.1
3 12	10 24.21	+ 3 1.7	2.184	3.151	5.1	19.3
3 22	10 18.40	+ 4 22.5	2.241	3.159	8.3	19.5
4 1	10 14.20	+ 5 35.1	2.323	3.168	11.3	19.7

413521 2005 SY_{39} 2 26.3 50°.65 0°.8/25.7 18

1 22	10 59.69	+ 8 47.1	1.552	2.379	16.0	21.1
2 1	10 55.11	+ 9 14.1	1.493	2.396	12.0	20.9
2 11	10 48.07	+ 9 53.3	1.456	2.413	7.4	20.7
2 21	10 39.38	+10 38.9	1.445	2.431	2.5	20.4
3 2	10 30.19	+11 23.9	1.462	2.449	2.8	20.5
3 12	10 21.75	+12 1.4	1.506	2.467	7.5	20.8
3 22	10 15.08	+12 26.8	1.574	2.486	11.7	21.1
4 1	10 10.86	+12 37.9	1.665	2.504	15.3	21.3

100416 Syang 2 26.3 98°.70 6°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 16.00	+ 0 0.9	1.143	1.938	22.5	18.8
2 1	11 8.41	− 1 34.2	1.079	1.952	18.1	18.6
2 11	10 56.93	− 2 51.0	1.034	1.967	13.0	18.3
2 21	10 42.63	− 3 46.1	1.012	1.981	8.1	18.1
3 2	10 27.32	− 4 18.3	1.017	1.995	6.5	18.0
3 12	10 13.15	− 4 31.4	1.047	2.008	10.0	18.3
3 22	10 1.83	− 4 31.7	1.101	2.021	14.8	18.6
4 1	9 54.39	− 4 27.1	1.176	2.033	19.1	18.9

121228 1999 RQ_{29} 2 26.3 177°.60 6°.8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 13.03	− 2 1.8	1.303	2.084	20.9	19.1
2 1	11 6.12	− 3 32.1	1.222	2.085	17.1	18.8
2 11	10 55.58	− 4 45.1	1.161	2.086	12.7	18.6
2 21	10 42.23	− 5 37.0	1.124	2.087	8.4	18.3
3 2	10 27.58	− 6 6.1	1.113	2.087	6.9	18.2
3 12	10 13.58	− 6 15.0	1.129	2.086	9.9	18.4
3 22	10 1.94	− 6 9.8	1.169	2.086	14.4	18.6
4 1	9 53.83	− 5 58.1	1.231	2.084	18.7	18.9

320202 2007 HU_{7} 2 26.3 335°.45 3°.6/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.30	− 2 22.6	1.177	1.998	20.4	20.4
2 1	10 51.29	− 2 3.0	1.097	1.988	16.4	20.1
2 11	10 46.28	− 1 11.4	1.035	1.979	11.5	19.8
2 21	10 38.93	+ 0 10.0	0.994	1.971	6.2	19.4
3 2	10 30.48	+ 1 53.6	0.977	1.964	3.8	19.3
3 12	10 22.52	+ 3 46.5	0.985	1.957	8.4	19.5
3 22	10 16.50	+ 5 34.6	1.015	1.952	13.8	19.8
4 1	10 13.46	+ 7 6.2	1.066	1.947	18.8	20.0

416887 2005 QS_{87} 2 26.3 125°.11 1°.8/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.97	+13 3.2	2.461	3.269	11.4	22.0
2 1	10 55.96	+13 44.0	2.396	3.290	8.4	21.9
2 11	10 48.23	+14 29.9	2.357	3.311	5.2	21.7
2 21	10 39.38	+15 16.1	2.348	3.331	2.2	21.5
3 2	10 30.19	+15 57.5	2.370	3.350	3.0	21.6
3 12	10 21.52	+16 30.0	2.422	3.368	6.1	21.8
3 22	10 14.06	+16 51.1	2.503	3.385	9.1	22.1
4 1	10 8.37	+16 59.7	2.608	3.402	11.7	22.3

364888 2008 EN_{57} 2 26.3 115°.41 0°.4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.83	+ 2 57.4	2.024	2.821	13.9	20.3
2 1	10 53.26	+ 4 2.4	1.953	2.838	10.6	20.1
2 11	10 46.74	+ 5 23.8	1.906	2.854	6.7	19.9
2 21	10 38.91	+ 6 56.2	1.887	2.870	2.5	19.6
3 2	10 30.60	+ 8 32.3	1.897	2.886	1.9	19.6
3 12	10 22.78	+10 3.9	1.939	2.901	6.0	19.9
3 22	10 16.27	+11 24.6	2.008	2.915	9.8	20.2
4 1	10 11.68	+12 30.0	2.101	2.929	13.0	20.4

244301 2002 FJ_{35} 2 26.3 278°.48 3°.8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.44	− 1 22.8	1.709	2.494	16.5	20.3
2 1	10 56.08	− 1 36.8	1.598	2.468	13.4	20.1
2 11	10 49.06	− 1 31.8	1.508	2.442	9.5	19.8
2 21	10 39.91	− 1 7.7	1.443	2.415	5.5	19.5
3 2	10 29.57	− 0 27.4	1.405	2.388	3.9	19.3
3 12	10 19.34	+ 0 23.6	1.395	2.361	7.3	19.4
3 22	10 10.48	+ 1 17.8	1.410	2.333	11.9	19.6
4 1	10 4.03	+ 2 8.0	1.449	2.305	16.2	19.8

122156 2000 JU_{69} 2 26.3 244°.07 1°.8/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.61	+ 9 54.0	2.243	3.056	12.1	20.8
2 1	10 53.23	+11 7.3	2.141	3.039	9.1	20.6
2 11	10 46.87	+12 32.9	2.065	3.021	5.6	20.3
2 21	10 39.02	+14 5.2	2.018	3.002	2.2	20.1
3 2	10 30.43	+15 36.8	2.001	2.982	3.3	20.1
3 12	10 22.04	+17 0.0	2.015	2.962	7.0	20.3
3 22	10 14.73	+18 9.2	2.056	2.941	10.7	20.5
4 1	10 9.22	+19 0.8	2.121	2.920	13.8	20.7

154283 2002 TD_{52} 2 26.3 100°.67 1°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.14	+10 11.3	1.488	2.313	16.6	20.4
2 1	10 58.54	+11 4.4	1.432	2.335	12.4	20.2
2 11	10 50.25	+12 9.6	1.399	2.356	7.6	19.9
2 21	10 40.16	+13 18.9	1.391	2.376	2.8	19.7
3 2	10 29.54	+14 23.3	1.412	2.396	3.7	19.8
3 12	10 19.80	+15 14.9	1.460	2.415	8.4	20.1
3 22	10 12.04	+15 49.1	1.534	2.434	12.7	20.4
4 1	10 6.98	+16 4.5	1.629	2.452	16.3	20.7

246151 2007 PW_{24} 2 26.3 218°.34 2°.9/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.09	− 0 56.5	1.907	2.685	15.3	21.9
2 1	10 56.09	− 0 53.6	1.810	2.677	12.2	21.7
2 11	10 48.77	− 0 32.6	1.735	2.669	8.5	21.4
2 21	10 39.71	+ 0 5.0	1.686	2.659	4.6	21.2
3 2	10 29.83	+ 0 55.4	1.665	2.650	3.1	21.0
3 12	10 20.27	+ 1 52.4	1.673	2.639	6.4	21.2
3 22	10 12.05	+ 2 49.4	1.709	2.628	10.5	21.4
4 1	10 6.00	+ 3 40.2	1.769	2.616	14.2	21.6

125269 2001 VP_{3} 2 26.3 69°.21 3°.6/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.38	− 1 49.3	1.402	2.202	18.8	20.0
2 1	10 55.24	− 1 45.2	1.333	2.212	14.9	19.8
2 11	10 48.37	− 1 16.6	1.284	2.223	10.4	19.5
2 21	10 39.56	− 0 26.1	1.259	2.233	5.7	19.3
3 2	10 30.02	+ 0 40.5	1.259	2.244	3.8	19.2
3 12	10 21.16	+ 1 53.9	1.286	2.255	7.4	19.4
3 22	10 14.17	+ 3 4.7	1.337	2.265	12.0	19.7
4 1	10 9.85	+ 4 5.3	1.411	2.276	16.0	20.0

501373 2013 YX_{47} 2 26.3 9°.05 1°.3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.00	+ 3 57.5	1.966	2.771	13.9	20.6
2 1	10 52.03	+ 4 1.9	1.885	2.772	10.7	20.4
2 11	10 46.07	+ 4 19.5	1.827	2.774	7.0	20.1
2 21	10 38.70	+ 4 47.7	1.795	2.777	3.1	19.9
3 2	10 30.79	+ 5 22.1	1.792	2.780	2.0	19.8
3 12	10 23.29	+ 5 57.4	1.816	2.783	5.9	20.1
3 22	10 17.08	+ 6 28.8	1.868	2.787	9.7	20.3
4 1	10 12.79	+ 6 52.5	1.943	2.791	13.0	20.5

338870 2004 AA_{23} 2 26.3 167°.61 2°.5/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.88	+13 37.2	2.361	3.184	11.3	21.1
2 1	10 51.68	+14 42.8	2.283	3.186	8.4	20.9
2 11	10 45.73	+15 55.2	2.231	3.188	5.2	20.7
2 21	10 38.57	+17 8.8	2.208	3.189	2.6	20.5
3 2	10 30.91	+18 17.0	2.215	3.190	3.8	20.6
3 12	10 23.62	+19 14.3	2.251	3.191	6.9	20.8
3 22	10 17.41	+19 57.1	2.314	3.192	9.9	21.0
4 1	10 12.89	+20 23.7	2.400	3.192	12.6	21.2

302077 2000 WC_{106} 2 26.3 276°.09 4°.0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.76	− 5 53.7	2.531	3.279	12.7	21.1
2 1	10 50.82	− 5 59.1	2.425	3.267	10.4	21.0
2 11	10 45.21	− 5 48.2	2.341	3.254	7.8	20.8
2 21	10 38.41	− 5 21.3	2.284	3.241	5.2	20.6
3 2	10 31.03	− 4 40.5	2.255	3.228	4.0	20.5
3 12	10 23.86	− 3 49.8	2.255	3.215	5.4	20.5
3 22	10 17.60	− 2 54.1	2.283	3.203	8.2	20.7
4 1	10 12.86	− 1 58.8	2.337	3.190	11.0	20.8

269002 2007 EP_{116} 2 26.3 342°.54 6°.3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.10	+23 23.9	1.737	2.577	13.9	20.1
2 1	10 56.29	+24 24.6	1.669	2.574	10.7	19.9
2 11	10 48.92	+25 24.2	1.624	2.572	7.7	19.8
2 21	10 39.74	+26 13.9	1.606	2.570	6.3	19.7
3 2	10 29.90	+26 45.8	1.615	2.568	7.7	19.7
3 12	10 20.70	+26 54.8	1.650	2.566	10.7	19.9
3 22	10 13.24	+26 40.1	1.708	2.565	14.0	20.1
4 1	10 8.29	+26 3.6	1.787	2.563	16.9	20.3

422541 2014 TR_{26} 2 26.3 227°.64 1°.1/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.50	+ 9 28.1	1.984	2.795	13.6	22.9
2 1	10 56.35	+10 4.5	1.888	2.784	10.3	22.7
2 11	10 48.91	+10 51.9	1.817	2.772	6.4	22.4
2 21	10 39.77	+11 45.5	1.774	2.759	2.3	22.1
3 2	10 29.85	+12 38.9	1.760	2.746	2.8	22.1
3 12	10 20.25	+13 25.7	1.776	2.731	7.1	22.4
3 22	10 11.98	+14 1.1	1.818	2.717	11.1	22.6
4 1	10 5.85	+14 22.0	1.884	2.701	14.6	22.8

490987 2011 FO_{52} 2 26.3 53°.43 0°.2/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.62	+ 7 6.1	1.901	2.715	14.0	21.3
2 1	10 53.33	+ 7 34.7	1.822	2.718	10.6	21.0
2 11	10 46.92	+ 8 15.8	1.767	2.721	6.6	20.8
2 21	10 39.02	+ 9 4.7	1.739	2.723	2.3	20.5
3 2	10 30.55	+ 9 55.7	1.739	2.726	2.2	20.5
3 12	10 22.53	+10 42.5	1.767	2.729	6.5	20.8
3 22	10 15.87	+11 20.1	1.822	2.732	10.4	21.0
4 1	10 11.27	+11 45.2	1.900	2.735	13.8	21.3

266396 2007 EL_{170} 2 26.3 213°.92 1°.0/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.12	+ 8 6.6	2.196	3.007	12.5	21.2
2 1	10 52.79	+ 9 4.9	2.106	3.001	9.4	21.0
2 11	10 46.54	+10 15.5	2.040	2.995	5.8	20.8
2 21	10 38.90	+11 33.1	2.003	2.988	2.0	20.5
3 2	10 30.65	+12 51.1	1.996	2.981	2.6	20.5
3 12	10 22.70	+14 2.8	2.019	2.974	6.4	20.8
3 22	10 15.90	+15 2.8	2.069	2.966	10.1	21.0
4 1	10 10.90	+15 47.6	2.143	2.957	13.2	21.2

28201 Lifubin 2 26.3 57°.83 3°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.16	+15 2.8	1.258	2.102	17.9	17.3
2 1	10 59.78	+15 33.0	1.205	2.117	13.4	17.1
2 11	10 51.24	+16 10.0	1.172	2.132	8.4	16.9
2 21	10 40.57	+16 45.3	1.164	2.147	4.0	16.7
3 2	10 29.30	+17 10.3	1.182	2.163	5.2	16.8
3 12	10 19.10	+17 18.9	1.226	2.178	9.9	17.1
3 22	10 11.27	+17 8.9	1.292	2.194	14.4	17.4
4 1	10 6.58	+16 41.3	1.379	2.211	18.3	17.7

74520 1999 FF_{35} 2 26.3 341°.36 4°.6/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.11	+21 16.3	2.153	2.985	11.9	18.7
2 1	10 54.30	+22 6.0	2.080	2.984	9.0	18.5
2 11	10 47.46	+22 56.0	2.033	2.983	6.2	18.3
2 21	10 39.20	+23 39.8	2.013	2.982	4.6	18.2
3 2	10 30.43	+24 11.4	2.021	2.981	5.8	18.3
3 12	10 22.14	+24 26.4	2.058	2.980	8.6	18.4
3 22	10 15.20	+24 23.4	2.119	2.979	11.5	18.6
4 1	10 10.24	+24 2.9	2.203	2.978	14.1	18.8

429372 2010 JY_{87} 2 26.3 265°.66 4°.6/20.5 17

1 22	10 56.49	+21 7.2	2.469	3.300	10.6	21.1
2 1	10 52.29	+22 27.6	2.379	3.282	8.1	20.9
2 11	10 46.23	+23 50.7	2.315	3.263	5.7	20.7
2 21	10 38.80	+25 9.9	2.281	3.245	4.6	20.6
3 2	10 30.74	+26 18.2	2.276	3.226	6.0	20.7
3 12	10 22.92	+27 10.0	2.299	3.207	8.5	20.8
3 22	10 16.14	+27 42.6	2.347	3.187	11.3	21.0
4 1	10 11.07	+27 55.2	2.418	3.167	13.7	21.1

381130 2007 EN_{23} 2 26.3 255°.46 3°.4/23.0 17

1 22	11 1.06	+17 29.4	2.256	3.078	11.8	21.6
2 1	10 55.84	+18 14.4	2.158	3.059	8.9	21.4
2 11	10 48.51	+19 3.4	2.086	3.039	5.8	21.2
2 21	10 39.63	+19 50.7	2.042	3.018	3.5	21.0
3 2	10 30.02	+20 29.9	2.027	2.998	4.7	21.0
3 12	10 20.68	+20 56.1	2.042	2.976	7.9	21.2
3 22	10 12.55	+21 6.3	2.083	2.954	11.2	21.3
4 1	10 6.36	+21 0.0	2.148	2.932	14.2	21.5

432061 2008 YP_{43} 2 26.3 98°.61 2°.5/23.7 17

1 22	10 57.53	+13 59.7	2.164	2.989	12.1	21.4
2 1	10 53.00	+14 51.6	2.094	2.997	9.0	21.2
2 11	10 46.58	+15 49.5	2.049	3.006	5.6	21.0
2 21	10 38.89	+16 47.8	2.032	3.014	2.7	20.8
3 2	10 30.73	+17 40.1	2.045	3.022	3.8	20.9
3 12	10 23.03	+18 21.2	2.086	3.030	7.1	21.1
3 22	10 16.59	+18 48.0	2.154	3.038	10.3	21.3
4 1	10 12.00	+18 59.3	2.245	3.046	13.1	21.5

82864 2001 QS_{62} 2 26.3 146°.92 0°.5/26.8 18

1 22	10 58.50	+ 4 7.9	2.149	2.945	13.2	20.2
2 1	10 53.73	+ 4 47.9	2.070	2.954	10.1	20.0
2 11	10 47.06	+ 5 41.8	2.014	2.962	6.4	19.8
2 21	10 39.06	+ 6 45.4	1.987	2.970	2.5	19.5
3 2	10 30.57	+ 7 53.0	1.989	2.977	1.8	19.5
3 12	10 22.49	+ 8 58.2	2.021	2.984	5.7	19.8
3 22	10 15.64	+ 9 55.7	2.082	2.990	9.4	20.0
4 1	10 10.64	+10 41.5	2.166	2.996	12.6	20.2

519388 2011 SK_{5} 2 26.3 181°.91 13°.4/ 9.2 18

1 22	11 1.46	−24 26.3	1.372	2.046	24.7	22.1
2 1	10 57.44	−25 3.4	1.287	2.048	22.2	21.9
2 11	10 50.16	−24 57.1	1.216	2.049	19.3	21.7
2 21	10 40.36	−23 59.7	1.162	2.049	16.3	21.5
3 2	10 29.35	−22 8.3	1.128	2.048	13.9	21.3
3 12	10 18.84	−19 29.9	1.118	2.046	13.5	21.3
3 22	10 10.40	−16 20.1	1.132	2.044	15.2	21.4
4 1	10 5.13	−12 59.2	1.168	2.040	18.2	21.5

31961 2000 GJ_{142} 2 26.3 173°.47 3°.0/23.3 18 R

1 22	11 1.44	+13 23.0	1.970	2.791	13.3	19.4
2 1	10 56.22	+14 42.4	1.894	2.795	9.9	19.2
2 11	10 48.76	+16 11.0	1.843	2.798	6.2	18.9
2 21	10 39.70	+17 40.9	1.820	2.801	3.2	18.8
3 2	10 30.00	+19 3.6	1.828	2.802	4.6	18.8
3 12	10 20.76	+20 11.7	1.865	2.803	8.2	19.1
3 22	10 12.94	+21 0.9	1.928	2.803	11.8	19.3
4 1	10 7.29	+21 29.5	2.014	2.802	14.9	19.5

225508 2000 QY_{84} 2 26.3 200°.62 1°.8/28.2 17

1 22	10 57.81	+ 0 35.8	2.311	3.090	12.9	21.3
2 1	10 53.19	+ 0 58.3	2.215	3.086	10.1	21.1
2 11	10 46.74	+ 1 36.0	2.144	3.082	6.8	20.9
2 21	10 38.97	+ 2 26.2	2.100	3.078	3.4	20.7
3 2	10 30.63	+ 3 24.8	2.086	3.073	2.1	20.6
3 12	10 22.59	+ 4 26.3	2.102	3.067	5.3	20.8
3 22	10 15.62	+ 5 25.0	2.146	3.061	8.8	21.0
4 1	10 10.38	+ 6 16.3	2.216	3.055	12.0	21.2

84880 2003 CF_{6} 2 26.3 207°.32 3°.5/22.4 18

1 22	10 58.12	+15 32.2	2.167	2.993	12.0	19.8
2 1	10 53.62	+16 55.9	2.084	2.988	9.0	19.6
2 11	10 47.10	+18 27.0	2.028	2.983	5.8	19.4
2 21	10 39.12	+19 58.0	2.001	2.978	3.6	19.2
3 2	10 30.50	+21 20.9	2.003	2.972	5.0	19.3
3 12	10 22.23	+22 29.0	2.035	2.965	8.2	19.5
3 22	10 15.17	+23 18.1	2.093	2.958	11.4	19.7
4 1	10 10.02	+23 46.9	2.173	2.950	14.3	19.8

379358 2009 WG_{175} 2 26.3 265°.66 1°.1/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.73	+ 4 37.5	2.032	2.830	13.8	21.4
2 1	10 54.99	+ 4 42.6	1.929	2.814	10.7	21.1
2 11	10 48.07	+ 5 0.5	1.850	2.797	7.0	20.9
2 21	10 39.51	+ 5 28.5	1.798	2.780	2.9	20.6
3 2	10 30.16	+ 6 2.6	1.775	2.763	2.0	20.5
3 12	10 21.06	+ 6 37.5	1.781	2.746	6.2	20.7
3 22	10 13.18	+ 7 8.4	1.814	2.728	10.2	20.9
4 1	10 7.32	+ 7 31.1	1.871	2.710	13.8	21.1

246047 2006 UC_{221} 2 26.3 238°.66 4°.6/21.7 17

1 22	11 1.03	+23 24.3	2.452	3.276	10.9	20.5
2 1	10 55.53	+24 2.5	2.375	3.272	8.4	20.3
2 11	10 48.13	+24 39.0	2.323	3.268	5.9	20.2
2 21	10 39.45	+25 8.0	2.300	3.264	4.6	20.1
3 2	10 30.29	+25 24.7	2.307	3.260	5.7	20.1
3 12	10 21.57	+25 25.7	2.341	3.256	8.1	20.3
3 22	10 14.10	+25 10.2	2.402	3.251	10.7	20.4
4 1	10 8.48	+24 39.1	2.486	3.247	13.1	20.6

390677 2002 TE_{241} 2 26.3 198°.81 2°.4/24.4 18

1 22	11 4.67	+12 39.5	1.783	2.602	14.5	21.8
2 1	10 58.93	+13 24.8	1.699	2.599	11.0	21.6
2 11	10 50.61	+14 19.3	1.639	2.595	6.8	21.4
2 21	10 40.41	+15 16.4	1.607	2.590	2.9	21.1
3 2	10 29.41	+16 8.4	1.603	2.584	4.0	21.2
3 12	10 18.90	+16 48.5	1.629	2.578	8.3	21.4
3 22	10 10.01	+17 12.4	1.680	2.570	12.4	21.6
4 1	10 3.58	+17 18.8	1.754	2.562	16.0	21.8

461987 2006 VZ_{169} 2 26.3 58°.03 2°.7/28.5 18

1 22	10 59.77	− 0 5.2	1.528	2.328	17.5	21.6
2 1	10 55.17	+ 0 2.0	1.471	2.351	13.7	21.4
2 11	10 48.13	+ 0 29.8	1.434	2.375	9.2	21.2
2 21	10 39.47	+ 1 14.8	1.421	2.398	4.7	21.0
3 2	10 30.32	+ 2 11.0	1.436	2.422	3.0	20.9
3 12	10 21.93	+ 3 10.5	1.478	2.446	6.7	21.2
3 22	10 15.30	+ 4 6.0	1.546	2.470	10.9	21.5
4 1	10 11.12	+ 4 51.6	1.636	2.494	14.6	21.8

473106 2015 HQ_{172} 2 26.3 253°.65 2°.1/28.8 17

1 22	10 55.89	− 0 28.3	2.852	3.618	11.0	21.9
2 1	10 51.51	− 0 20.0	2.738	3.600	8.7	21.7
2 11	10 45.60	+ 0 0.8	2.649	3.581	6.1	21.5
2 21	10 38.58	+ 0 32.5	2.588	3.561	3.3	21.2
3 2	10 31.02	+ 1 12.5	2.557	3.541	2.2	21.1
3 12	10 23.61	+ 1 57.1	2.557	3.521	4.6	21.3
3 22	10 17.00	+ 2 42.0	2.585	3.500	7.5	21.4
4 1	10 11.74	+ 3 23.5	2.640	3.479	10.3	21.6

262734 2006 XN_{39} 2 26.3 234°.25 3°.0/23.7 17

1 22	11 0.91	+14 50.2	1.901	2.728	13.5	20.8
2 1	10 55.98	+15 37.4	1.816	2.720	10.1	20.5
2 11	10 48.71	+16 31.4	1.756	2.712	6.4	20.3
2 21	10 39.74	+17 25.9	1.722	2.703	3.3	20.1
3 2	10 30.04	+18 13.6	1.718	2.695	4.5	20.1
3 12	10 20.76	+18 48.2	1.742	2.686	8.2	20.3
3 22	10 12.93	+19 6.3	1.791	2.676	12.0	20.5
4 1	10 7.34	+19 6.7	1.863	2.667	15.3	20.7

146628 2001 UJ_{12} 2 26.3 94°.15 0°.8/27.0 18

1 22	10 59.35	+ 4 40.0	1.823	2.629	14.8	20.0
2 1	10 54.68	+ 4 57.0	1.748	2.637	11.4	19.8
2 11	10 47.80	+ 5 28.2	1.695	2.645	7.3	19.6
2 21	10 39.38	+ 6 9.9	1.669	2.652	2.9	19.3
3 2	10 30.38	+ 6 56.7	1.671	2.660	2.0	19.3
3 12	10 21.90	+ 7 42.3	1.702	2.667	6.4	19.6
3 22	10 14.88	+ 8 21.1	1.759	2.674	10.4	19.8
4 1	10 10.03	+ 8 49.5	1.840	2.682	13.9	20.1

325161 2008 FL_{24} 2 26.3 220°.79 6°.2/ 5.3 17

1 22	10 57.10	−16 46.0	2.550	3.224	14.4	22.3
2 1	10 52.64	−16 24.0	2.435	3.213	12.4	22.1
2 11	10 46.41	−15 36.9	2.341	3.201	10.1	21.9
2 21	10 38.89	−14 23.9	2.271	3.189	7.8	21.8
3 2	10 30.76	−12 47.0	2.230	3.176	6.3	21.6
3 12	10 22.85	−10 51.5	2.218	3.163	6.7	21.6
3 22	10 15.90	− 8 45.1	2.236	3.148	8.7	21.7
4 1	10 10.58	− 6 36.4	2.283	3.133	11.3	21.9

426503 2013 RU_{35} 2 26.3 149°.75 0°.9/25.4 18

1 22	10 58.41	+ 9 11.7	2.535	3.339	11.2	21.8
2 1	10 53.39	+ 9 53.2	2.457	3.348	8.4	21.7
2 11	10 46.73	+10 43.1	2.405	3.358	5.2	21.5
2 21	10 38.96	+11 36.9	2.381	3.366	1.8	21.2
3 2	10 30.77	+12 29.8	2.389	3.374	2.2	21.3
3 12	10 22.95	+13 17.1	2.427	3.382	5.5	21.5
3 22	10 16.20	+13 55.0	2.494	3.389	8.6	21.7
4 1	10 11.05	+14 21.5	2.585	3.395	11.3	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
376174 2011 CK_{15}			2 26.3 153°.93		1°.0/27.3 17	
	h m	° ′			°	m
1 22	10 59.73	+ 4 20.4	2.044	2.841	13.8	21.4
2 1	10 54.79	+ 4 31.0	1.961	2.844	10.6	21.2
2 11	10 47.80	+ 4 54.5	1.901	2.848	6.9	21.0
2 21	10 39.38	+ 5 27.8	1.869	2.851	2.9	20.7
3 2	10 30.39	+ 6 6.4	1.866	2.854	1.9	20.7
3 12	10 21.83	+ 6 44.9	1.892	2.856	5.9	20.9
3 22	10 14.57	+ 7 18.7	1.945	2.859	9.7	21.2
4 1	10 9.28	+ 7 44.1	2.023	2.861	13.0	21.4
130192 2000 AB_{93}			2 26.3 318°.56		14°.8/ 3.6 18	
1 22	11 5.50	−14 29.9	1.165	1.912	24.8	19.5
2 1	11 1.11	−17 2.7	1.086	1.905	22.0	19.2
2 11	10 52.91	−19 9.5	1.024	1.898	18.9	19.0
2 21	10 41.52	−20 39.4	0.980	1.891	16.2	18.8
3 2	10 28.36	−21 23.6	0.956	1.885	14.9	18.7
3 12	10 15.49	−21 21.0	0.954	1.879	15.6	18.7
3 22	10 4.89	−20 39.6	0.972	1.874	18.1	18.8
4 1	9 58.03	−19 33.1	1.007	1.869	21.3	19.0
431140 2006 QC_{32}			2 26.3 218°.37		0°.6/27.1 17	
1 22	10 54.78	+ 3 24.3	2.546	3.337	11.5	21.6
2 1	10 50.78	+ 4 6.7	2.451	3.332	8.8	21.4
2 11	10 45.18	+ 5 2.0	2.380	3.327	5.7	21.1
2 21	10 38.44	+ 6 6.9	2.338	3.321	2.3	20.9
3 2	10 31.21	+ 7 16.8	2.326	3.315	1.5	20.8
3 12	10 24.23	+ 8 25.9	2.345	3.308	5.0	21.1
3 22	10 18.19	+ 9 29.3	2.392	3.302	8.3	21.3
4 1	10 13.64	+10 23.0	2.465	3.295	11.2	21.4
292333 2006 SZ_{184}			2 26.4 196°.90		2°.4/29.3 17	
1 22	10 54.48	− 2 17.5	2.664	3.428	11.8	21.5
2 1	10 50.47	− 1 55.8	2.568	3.426	9.3	21.3
2 11	10 44.95	− 1 19.2	2.496	3.425	6.5	21.2
2 21	10 38.35	− 0 29.6	2.451	3.422	3.7	21.0
3 2	10 31.31	+ 0 29.5	2.437	3.420	2.5	20.9
3 12	10 24.52	+ 1 33.3	2.452	3.417	4.7	21.0
3 22	10 18.62	+ 2 36.8	2.496	3.415	7.6	21.2
4 1	10 14.15	+ 3 35.4	2.567	3.411	10.4	21.4
419511 2010 GR_{116}			2 26.4 244°.07		3°.4/29.2 17	
1 22	10 59.32	− 2 56.1	1.834	2.610	15.9	22.3
2 1	10 54.97	− 2 41.6	1.730	2.594	12.8	22.0
2 11	10 48.23	− 2 5.2	1.648	2.578	9.1	21.8
2 21	10 39.65	− 1 8.0	1.590	2.562	5.2	21.5
3 2	10 30.13	+ 0 5.6	1.561	2.545	3.5	21.3
3 12	10 20.83	+ 1 28.3	1.560	2.527	6.7	21.5
3 22	10 12.86	+ 2 51.5	1.586	2.508	10.9	21.7
4 1	10 7.09	+ 4 7.6	1.637	2.489	14.9	21.9
57755 2001 VC_{13}			2 26.4 146°.36		4°.9/ 1.9 18	
1 22	11 1.08	− 7 5.2	2.287	3.022	14.3	19.4
2 1	10 55.62	− 7 30.2	2.201	3.032	11.8	19.2
2 11	10 48.25	− 7 37.6	2.137	3.041	8.9	19.1
2 21	10 39.54	− 7 27.1	2.099	3.049	6.2	18.9
3 2	10 30.29	− 7 0.5	2.089	3.057	4.9	18.8
3 12	10 21.42	− 6 21.9	2.109	3.064	6.2	18.9
3 22	10 13.74	− 5 36.5	2.157	3.071	8.9	19.1
4 1	10 7.88	− 4 49.9	2.231	3.077	11.6	19.3
317829 2003 SK_{320}			2 26.4 207°.62		1°.5/27.9 17	
1 22	10 57.15	+ 1 40.7	2.402	3.184	12.4	21.6
2 1	10 52.65	+ 1 59.7	2.306	3.180	9.6	21.4
2 11	10 46.40	+ 2 32.4	2.235	3.176	6.4	21.1
2 21	10 38.90	+ 3 16.0	2.192	3.171	3.0	20.9
3 2	10 30.86	+ 4 6.9	2.178	3.165	1.9	20.8
3 12	10 23.10	+ 4 59.8	2.194	3.159	5.1	21.0
3 22	10 16.37	+ 5 49.9	2.239	3.153	8.5	21.2
4 1	10 11.28	+ 6 32.9	2.309	3.147	11.6	21.4
65531 6296 *P–L*			2 26.4 64°.97		0°.1/26.5 18	
1 22	10 57.97	+ 7 28.1	2.307	3.111	12.2	19.5
2 1	10 53.23	+ 7 37.6	2.226	3.116	9.2	19.3
2 11	10 46.72	+ 7 56.1	2.170	3.121	5.8	19.1
2 21	10 38.99	+ 8 20.4	2.142	3.126	2.1	18.9
3 2	10 30.81	+ 8 46.6	2.144	3.132	1.7	18.9
3 12	10 23.03	+ 9 10.5	2.175	3.137	5.4	19.1
3 22	10 16.39	+ 9 28.7	2.234	3.142	8.8	19.3
4 1	10 11.48	+ 9 38.7	2.317	3.148	11.8	19.5
460930 2014 WJ_{231}			2 26.4 188°.65		0°.2/26.5 16	
1 22	11 0.38	+ 6 26.2	2.088	2.890	13.3	21.8
2 1	10 55.29	+ 6 48.9	2.001	2.890	10.2	21.6
2 11	10 48.15	+ 7 23.4	1.938	2.889	6.4	21.3
2 21	10 39.54	+ 8 5.7	1.903	2.887	2.3	21.1
3 2	10 30.33	+ 8 51.0	1.897	2.885	1.9	21.0
3 12	10 21.50	+ 9 33.5	1.921	2.883	6.1	21.3
3 22	10 13.94	+10 8.7	1.972	2.880	9.9	21.5
4 1	10 8.36	+10 33.3	2.048	2.876	13.2	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
186035 2001 RX_{80}			2 26.4 127°.69		1°.2/27.7 18 R	
	h m	° ′			°	m
1 22	10 58.38	+ 1 36.9	2.171	2.957	13.4	20.9
2 1	10 53.61	+ 2 15.2	2.095	2.971	10.3	20.7
2 11	10 46.98	+ 3 9.0	2.043	2.985	6.8	20.5
2 21	10 39.09	+ 4 14.4	2.018	2.999	3.0	20.3
3 2	10 30.75	+ 5 25.9	2.024	3.012	1.8	20.3
3 12	10 22.85	+ 6 37.1	2.059	3.024	5.5	20.5
3 22	10 16.17	+ 7 42.1	2.123	3.036	9.0	20.8
4 1	10 11.30	+ 8 36.7	2.212	3.047	12.1	21.0
202344 2005 EU_{136}			2 26.4 3°.55		0°.5/26.9 17	
1 22	10 56.22	+ 5 8.8	1.982	2.790	13.7	21.0
2 1	10 52.25	+ 5 31.9	1.899	2.790	10.5	20.8
2 11	10 46.28	+ 6 8.5	1.839	2.790	6.7	20.6
2 21	10 38.88	+ 6 54.7	1.806	2.790	2.6	20.3
3 2	10 30.91	+ 7 45.3	1.802	2.791	1.9	20.2
3 12	10 23.34	+ 8 34.3	1.826	2.791	6.0	20.5
3 22	10 17.03	+ 9 16.5	1.877	2.792	9.9	20.7
4 1	10 12.65	+ 9 48.0	1.952	2.793	13.3	21.0
253136 2002 VC_{43}			2 26.4 87°.76		5°.2/ 2.3 18	
1 22	10 56.57	− 8 15.5	1.760	2.517	17.2	20.7
2 1	10 52.75	− 8 6.4	1.679	2.524	14.1	20.5
2 11	10 46.69	− 7 31.1	1.619	2.532	10.6	20.3
2 21	10 39.05	− 6 30.6	1.582	2.539	7.1	20.1
3 2	10 30.77	− 5 9.2	1.572	2.546	5.2	20.0
3 12	10 22.96	− 3 34.8	1.590	2.554	6.9	20.2
3 22	10 16.58	− 1 56.8	1.634	2.561	10.3	20.4
4 1	10 12.36	− 0 24.1	1.703	2.568	13.7	20.6
304885 2007 RV_{176}			2 26.4 70°.00		0°.4/26.6 18	
1 22	11 1.26	+ 5 30.4	1.455	2.274	17.2	20.7
2 1	10 56.48	+ 5 56.3	1.395	2.292	13.1	20.5
2 11	10 49.06	+ 6 38.8	1.358	2.311	8.3	20.3
2 21	10 39.87	+ 7 32.3	1.345	2.330	3.0	20.0
3 2	10 30.12	+ 8 29.3	1.360	2.348	2.4	20.0
3 12	10 21.17	+ 9 21.6	1.402	2.367	7.4	20.3
3 22	10 14.11	+10 3.0	1.469	2.386	12.0	20.6
4 1	10 9.67	+10 30.0	1.557	2.404	15.8	20.9
408921 2001 XE_{80}			2 26.4 44°.94		5°.2/21.9 18	
1 22	10 57.96	+16 29.8	1.382	2.233	16.1	20.1
2 1	10 54.10	+18 12.4	1.342	2.258	11.9	19.9
2 11	10 47.58	+20 0.4	1.326	2.284	7.7	19.8
2 21	10 39.33	+21 42.0	1.335	2.310	5.2	19.7
3 2	10 30.62	+23 5.7	1.371	2.337	7.0	19.8
3 12	10 22.82	+24 4.1	1.432	2.365	10.7	20.1
3 22	10 16.99	+24 34.7	1.516	2.392	14.3	20.4
4 1	10 13.77	+24 39.0	1.620	2.420	17.4	20.7
343079 2009 CQ_{63}			2 26.4 55°.36		1°.9/24.8 18	
1 22	11 1.26	+13 54.8	2.040	2.861	12.9	20.3
2 1	10 55.77	+14 10.1	1.979	2.880	9.6	20.1
2 11	10 48.30	+14 29.9	1.943	2.898	5.9	19.9
2 21	10 39.54	+14 49.6	1.934	2.917	2.5	19.7
3 2	10 30.42	+15 4.5	1.954	2.936	3.2	19.8
3 12	10 21.93	+15 10.9	2.004	2.955	6.7	20.1
3 22	10 14.90	+15 6.8	2.080	2.975	10.1	20.3
4 1	10 9.89	+14 51.6	2.179	2.994	13.0	20.5
338196 2002 RQ_{269}			2 26.4 191°.73		0°.5/25.9 17	
1 22	11 0.58	+ 9 37.5	2.255	3.062	12.3	21.5
2 1	10 55.28	+ 9 45.9	2.169	3.061	9.3	21.3
2 11	10 48.06	+10 1.8	2.108	3.061	5.8	21.1
2 21	10 39.50	+10 21.7	2.075	3.060	2.0	20.9
3 2	10 30.41	+10 41.7	2.072	3.059	2.1	20.9
3 12	10 21.71	+10 57.6	2.099	3.058	5.9	21.1
3 22	10 14.23	+11 6.4	2.153	3.056	9.4	21.3
4 1	10 8.60	+11 6.1	2.232	3.055	12.5	21.5
163770 2003 PX_{4}			2 26.4 169°.26		1°.6/24.7 18	
1 22	11 0.45	+ 9 48.2	2.095	2.906	13.0	20.9
2 1	10 55.34	+10 52.3	2.015	2.911	9.7	20.7
2 11	10 48.18	+12 7.3	1.961	2.915	6.0	20.5
2 21	10 39.56	+13 27.1	1.935	2.919	2.3	20.2
3 2	10 30.36	+14 44.4	1.939	2.922	3.1	20.3
3 12	10 21.59	+15 52.4	1.974	2.924	6.9	20.5
3 22	10 14.11	+16 46.1	2.036	2.925	10.6	20.7
4 1	10 8.61	+17 23.1	2.121	2.925	13.7	20.9
269763 1999 TD_{32}			2 26.4 136°.10		2°.5/29.2 18 R	
1 22	10 57.35	− 2 15.8	2.454	3.217	12.7	21.1
2 1	10 52.67	− 1 56.1	2.371	3.229	10.0	21.0
2 11	10 46.33	− 1 20.7	2.313	3.241	7.0	20.8
2 21	10 38.87	− 0 31.9	2.281	3.252	3.9	20.6
3 2	10 30.98	+ 0 26.5	2.279	3.263	2.6	20.5
3 12	10 23.46	+ 1 29.3	2.308	3.273	4.9	20.7
3 22	10 16.99	+ 2 31.2	2.365	3.282	8.0	20.9
4 1	10 12.13	+ 3 27.4	2.449	3.292	10.8	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
21966 Hamadori			2 26.4 156.°23		1.°9/24.4 18	
	h m	° ′			°	m
1 22	11 1.32	+11 29.1	2.281	3.090	12.1	19.4
2 1	10 55.78	+12 28.2	2.206	3.101	9.0	19.2
2 11	10 48.34	+13 35.4	2.156	3.111	5.5	19.0
2 21	10 39.60	+14 44.9	2.136	3.119	2.3	18.8
3 2	10 30.36	+15 50.5	2.147	3.127	3.2	18.9
3 12	10 21.56	+16 46.2	2.188	3.134	6.6	19.1
3 22	10 14.00	+17 28.5	2.257	3.140	9.9	19.3
4 1	10 8.30	+17 55.3	2.349	3.145	12.8	19.5
402080 2003 UP_{209}			2 26.4 75.°63		1.°2/25.4 18	
1 22	11 0.99	+ 8 37.7	1.526	2.351	16.3	21.2
2 1	10 56.18	+ 9 24.0	1.469	2.371	12.2	20.9
2 11	10 48.83	+10 23.7	1.434	2.391	7.5	20.7
2 21	10 39.80	+11 29.6	1.425	2.410	2.6	20.5
3 2	10 30.24	+12 33.6	1.444	2.430	3.1	20.5
3 12	10 21.47	+13 27.5	1.490	2.449	7.8	20.9
3 22	10 14.52	+14 6.4	1.561	2.468	12.1	21.2
4 1	10 10.08	+14 27.9	1.655	2.487	15.7	21.4
262277 2006 SJ_{360}			2 26.4 357.°95		1.°9/27.8 18	
1 22	10 52.66	+ 1 56.3	1.232	2.065	18.9	19.6
2 1	10 50.62	+ 2 14.2	1.159	2.061	14.7	19.3
2 11	10 45.77	+ 2 56.6	1.105	2.058	9.8	19.0
2 21	10 38.83	+ 3 59.4	1.074	2.056	4.4	18.7
3 2	10 31.00	+ 5 14.8	1.067	2.055	2.7	18.6
3 12	10 23.75	+ 6 32.0	1.084	2.056	7.9	18.9
3 22	10 18.35	+ 7 40.8	1.125	2.058	13.1	19.2
4 1	10 15.72	+ 8 33.7	1.186	2.062	17.7	19.5
328905 2010 TP_{42}			2 26.4 45.°36		1.°3/25.5 18	
1 22	11 1.09	+10 18.6	1.412	2.246	16.9	21.2
2 1	10 56.44	+10 41.6	1.356	2.262	12.6	21.0
2 11	10 49.08	+11 15.9	1.321	2.279	7.8	20.7
2 21	10 39.90	+11 55.1	1.311	2.296	2.7	20.5
3 2	10 30.18	+12 31.9	1.328	2.314	3.2	20.6
3 12	10 21.31	+12 59.4	1.371	2.332	8.1	20.9
3 22	10 14.40	+13 13.6	1.439	2.350	12.6	21.2
4 1	10 10.17	+13 12.8	1.528	2.369	16.3	21.5
456663 2007 RJ_{55}			2 26.4 166.°49		2.°3/28.8 18	
1 22	10 59.59	− 1 55.2	2.150	2.919	14.1	22.0
2 1	10 54.63	− 1 20.2	2.063	2.925	11.1	21.8
2 11	10 47.72	− 0 26.4	1.998	2.931	7.6	21.6
2 21	10 39.41	+ 0 43.3	1.961	2.935	4.0	21.4
3 2	10 30.54	+ 2 3.5	1.954	2.939	2.5	21.3
3 12	10 22.05	+ 3 27.5	1.977	2.942	5.6	21.5
3 22	10 14.77	+ 4 48.1	2.028	2.944	9.2	21.7
4 1	10 9.38	+ 5 59.7	2.105	2.945	12.5	21.9
403252 2008 YR_{10}			2 26.4 12.°68		5.°0/22.7 18	
1 22	10 59.56	+16 20.8	1.288	2.141	17.0	20.6
2 1	10 55.81	+17 32.3	1.225	2.142	12.8	20.3
2 11	10 49.00	+18 52.4	1.184	2.143	8.3	20.1
2 21	10 39.97	+20 10.1	1.166	2.145	5.1	19.9
3 2	10 30.09	+21 14.0	1.175	2.147	6.9	20.0
3 12	10 20.98	+21 55.1	1.208	2.150	11.2	20.3
3 22	10 13.98	+22 9.7	1.263	2.153	15.6	20.5
4 1	10 9.98	+21 58.7	1.337	2.157	19.4	20.8
212023 2005 CE_{19}			2 26.4 334.°35		1.°3/27.2 18	
1 22	10 57.38	+ 4 20.4	1.339	2.166	18.0	20.5
2 1	10 54.12	+ 4 27.7	1.257	2.157	14.0	20.3
2 11	10 47.98	+ 4 54.1	1.196	2.149	9.1	20.0
2 21	10 39.65	+ 5 36.2	1.158	2.141	3.8	19.6
3 2	10 30.31	+ 6 27.3	1.145	2.134	2.5	19.5
3 12	10 21.48	+ 7 18.8	1.158	2.127	8.0	19.8
3 22	10 14.47	+ 8 2.8	1.194	2.121	13.2	20.1
4 1	10 10.27	+ 8 33.4	1.252	2.117	17.7	20.3
95533 2002 EB_{76}			2 26.4 332.°78		1.°5/27.6 18	
1 22	10 55.66	+ 2 55.9	1.654	2.467	15.8	20.0
2 1	10 52.30	+ 3 11.6	1.567	2.458	12.3	19.8
2 11	10 46.57	+ 3 45.3	1.501	2.449	8.1	19.5
2 21	10 39.09	+ 4 33.6	1.460	2.442	3.6	19.2
3 2	10 30.81	+ 5 31.1	1.446	2.434	2.3	19.1
3 12	10 22.93	+ 6 30.0	1.459	2.427	6.8	19.4
3 22	10 16.50	+ 7 23.4	1.498	2.421	11.3	19.6
4 1	10 12.34	+ 8 5.5	1.559	2.415	15.2	19.8
87430 2000 QG_{104}			2 26.4 151.°37		1.°9/24.5 18	
1 22	10 58.73	+11 32.0	2.161	2.978	12.4	20.2
2 1	10 53.98	+12 25.1	2.085	2.984	9.2	20.0
2 11	10 47.29	+13 26.5	2.034	2.990	5.7	19.8
2 21	10 39.26	+14 30.7	2.012	2.995	2.3	19.6
3 2	10 30.72	+15 31.3	2.019	3.000	3.2	19.6
3 12	10 22.61	+16 22.4	2.056	3.005	6.8	19.9
3 22	10 15.75	+17 0.2	2.119	3.009	10.2	20.1
4 1	10 10.77	+17 22.8	2.207	3.013	13.1	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
225003 2007 EC_{165}			2 26.4 318.°01		2.°5/28.3 17	
	h m	° ′			°	m
1 22	10 55.19	+ 0 43.0	1.602	2.409	16.5	19.6
2 1	10 52.14	+ 0 49.8	1.504	2.390	13.1	19.3
2 11	10 46.61	+ 1 16.8	1.427	2.371	9.0	19.0
2 21	10 39.16	+ 2 2.3	1.374	2.352	4.5	18.7
3 2	10 30.74	+ 3 1.4	1.347	2.334	2.9	18.6
3 12	10 22.59	+ 4 6.6	1.347	2.317	7.0	18.8
3 22	10 15.88	+ 5 9.6	1.372	2.300	11.7	19.0
4 1	10 11.53	+ 6 3.3	1.420	2.284	16.0	19.2
215116 1998 MG_{44}			2 26.4 277.°64		4.°4/29.4 17	
1 22	11 0.58	− 2 24.5	1.736	2.515	16.5	20.5
2 1	10 56.14	− 2 49.2	1.630	2.495	13.4	20.2
2 11	10 49.13	− 2 55.4	1.545	2.474	9.8	20.0
2 21	10 40.07	− 2 42.6	1.485	2.454	6.0	19.7
3 2	10 29.94	− 2 13.0	1.452	2.433	4.4	19.5
3 12	10 19.99	− 1 31.4	1.447	2.411	7.3	19.6
3 22	10 11.42	− 0 44.7	1.467	2.390	11.5	19.8
4 1	10 5.21	+ 0 0.3	1.510	2.369	15.5	20.0
143082 2002 XJ_{6}			2 26.4 55.°94		0.°2/26.2 18	
1 22	10 58.06	+ 5 39.0	1.502	2.325	16.6	19.6
2 1	10 54.03	+ 6 27.7	1.444	2.343	12.5	19.4
2 11	10 47.53	+ 7 33.5	1.407	2.362	7.8	19.2
2 21	10 39.38	+ 8 49.6	1.397	2.382	2.7	18.9
3 2	10 30.69	+10 7.3	1.413	2.401	2.5	18.9
3 12	10 22.74	+11 17.7	1.457	2.421	7.4	19.3
3 22	10 16.52	+12 14.1	1.526	2.441	11.8	19.6
4 1	10 12.73	+12 52.8	1.618	2.461	15.4	19.8
232334 2002 TL_{202}			2 26.4 193.°44		1.°0/25.2 18	
1 22	10 55.80	+ 8 41.0	2.385	3.196	11.6	20.5
2 1	10 51.67	+ 9 35.6	2.299	3.195	8.7	20.3
2 11	10 45.82	+10 40.6	2.239	3.193	5.4	20.1
2 21	10 38.76	+11 51.2	2.207	3.192	1.9	19.9
3 2	10 31.19	+13 1.5	2.205	3.190	2.4	19.9
3 12	10 23.94	+14 5.6	2.233	3.188	5.9	20.1
3 22	10 17.72	+14 59.0	2.289	3.185	9.2	20.3
4 1	10 13.14	+15 38.8	2.369	3.183	12.1	20.5
217267 2003 YX_{68}			2 26.4 54.°11		2.°9/28.8 18	
1 22	10 57.48	− 1 16.7	1.504	2.303	17.7	19.8
2 1	10 53.73	− 0 58.9	1.432	2.313	14.0	19.6
2 11	10 47.46	− 0 17.6	1.382	2.322	9.6	19.4
2 21	10 39.40	+ 0 43.9	1.355	2.331	5.0	19.1
3 2	10 30.66	+ 1 59.2	1.355	2.341	3.2	19.0
3 12	10 22.53	+ 3 19.1	1.382	2.351	6.9	19.3
3 22	10 16.07	+ 4 34.5	1.434	2.362	11.4	19.6
4 1	10 12.07	+ 5 38.5	1.509	2.372	15.3	19.8
498733 2008 TU_{136}			2 26.4 145.°30		0.°3/26.1 17	
1 22	10 58.29	+ 7 51.3	2.248	3.054	12.4	21.9
2 1	10 53.57	+ 8 18.8	2.167	3.059	9.3	21.7
2 11	10 47.01	+ 8 56.2	2.111	3.064	5.8	21.5
2 21	10 39.18	+ 9 39.5	2.083	3.068	2.0	21.3
3 2	10 30.86	+10 23.8	2.085	3.072	2.0	21.3
3 12	10 22.94	+11 4.1	2.116	3.076	5.8	21.5
3 22	10 16.19	+11 36.2	2.175	3.080	9.3	21.7
4 1	10 11.22	+11 57.6	2.258	3.083	12.3	21.9
233910 2009 FJ_{20}			2 26.4 139.°52		1.°6/28.7 18	
1 22	10 54.02	− 1 39.5	2.775	3.541	11.3	20.4
2 1	10 50.06	− 0 46.5	2.687	3.549	8.8	20.2
2 11	10 44.68	+ 0 21.6	2.623	3.557	6.0	20.0
2 21	10 38.33	+ 1 41.9	2.588	3.564	3.0	19.8
3 2	10 31.60	+ 3 9.7	2.584	3.571	1.8	19.7
3 12	10 25.15	+ 4 39.2	2.612	3.577	4.4	19.9
3 22	10 19.56	+ 6 4.9	2.669	3.584	7.3	20.1
4 1	10 15.33	+ 7 22.3	2.754	3.590	10.0	20.3
197348 2003 XV_{7}			2 26.4 3.°17		4.°8/23.4 18	
1 22	10 56.98	+18 39.6	1.274	2.134	16.7	18.6
2 1	10 53.83	+19 5.2	1.213	2.132	12.6	18.3
2 11	10 47.71	+19 33.2	1.172	2.133	8.3	18.1
2 21	10 39.52	+19 55.6	1.156	2.135	5.0	17.9
3 2	10 30.60	+20 4.2	1.163	2.139	6.4	18.0
3 12	10 22.52	+19 53.8	1.195	2.145	10.5	18.2
3 22	10 16.50	+19 23.1	1.250	2.152	14.8	18.5
4 1	10 13.36	+18 33.7	1.323	2.162	18.5	18.7
55929 1998 FW_{64}			2 26.4 211.°05		4.°2/21.7 18	
1 22	11 1.06	+23 12.9	2.721	3.541	10.1	19.1
2 1	10 55.43	+23 50.0	2.641	3.536	7.7	18.9
2 11	10 48.07	+24 25.5	2.588	3.532	5.5	18.7
2 21	10 39.54	+24 54.4	2.563	3.527	4.2	18.7
3 2	10 30.57	+25 12.1	2.568	3.521	5.2	18.7
3 12	10 21.99	+25 15.7	2.603	3.516	7.4	18.8
3 22	10 14.52	+25 4.3	2.664	3.510	9.9	19.0
4 1	10 8.72	+24 38.3	2.749	3.504	12.1	19.1

121157 1999 JT_{97} 2 26.4 356.°56 0.°4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 50.84	+ 1 50.2	1.133	1.974	19.7	18.7
2 1	10 49.48	+ 3 1.2	1.061	1.969	15.2	18.4
2 11	10 45.20	+ 4 43.9	1.009	1.966	9.8	18.1
2 21	10 38.71	+ 6 50.9	0.979	1.964	3.7	17.8
3 2	10 31.25	+ 9 8.7	0.974	1.963	2.8	17.7
3 12	10 24.39	+11 20.9	0.994	1.963	9.0	18.1
3 22	10 19.47	+13 13.5	1.037	1.965	14.6	18.4
4 1	10 17.46	+14 37.7	1.099	1.968	19.3	18.7

427559 2002 UG_{73} 2 26.4 150.°99 3.°7/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.92	+20 14.5	2.569	3.391	10.5	22.2
2 1	10 54.60	+21 1.5	2.499	3.398	7.9	22.0
2 11	10 47.55	+21 49.1	2.455	3.404	5.3	21.8
2 21	10 39.36	+22 31.9	2.439	3.410	3.8	21.8
3 2	10 30.76	+23 4.9	2.454	3.415	4.8	21.8
3 12	10 22.58	+23 24.4	2.498	3.420	7.2	22.0
3 22	10 15.56	+23 29.1	2.569	3.425	9.8	22.2
4 1	10 10.22	+23 18.9	2.663	3.430	12.2	22.3

445813 2012 BH_{112} 2 26.4 330.°31 0.°2/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 52.61	+ 6 4.5	2.743	3.545	10.5	21.3
2 1	10 49.09	+ 6 30.7	2.649	3.537	8.0	21.1
2 11	10 44.13	+ 7 6.3	2.580	3.530	5.1	20.9
2 21	10 38.16	+ 7 48.5	2.539	3.523	1.9	20.7
3 2	10 31.76	+ 8 33.6	2.527	3.516	1.5	20.6
3 12	10 25.60	+ 9 17.1	2.546	3.509	4.7	20.9
3 22	10 20.29	+ 9 55.5	2.593	3.502	7.7	21.0
4 1	10 16.32	+10 25.7	2.665	3.496	10.4	21.2

102200 1999 SU_{13} 2 26.4 187.°08 1.°4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.70	+ 1 41.0	2.100	2.885	13.8	20.9
2 1	10 54.83	+ 2 12.3	2.009	2.885	10.7	20.7
2 11	10 47.93	+ 2 59.8	1.942	2.884	7.1	20.5
2 21	10 39.56	+ 4 0.2	1.903	2.883	3.2	20.2
3 2	10 30.56	+ 5 8.3	1.893	2.881	2.0	20.1
3 12	10 21.91	+ 6 17.5	1.913	2.878	5.8	20.4
3 22	10 14.49	+ 7 21.4	1.961	2.874	9.6	20.6
4 1	10 8.99	+ 8 15.3	2.033	2.870	13.0	20.8

407680 2011 UT_{42} 2 26.4 41.°36 7.°3/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.89	−11 13.9	1.413	2.174	20.5	20.9
2 1	10 52.77	−11 21.6	1.339	2.181	17.2	20.6
2 11	10 47.00	−10 56.0	1.283	2.189	13.4	20.4
2 21	10 39.29	− 9 56.4	1.247	2.197	9.6	20.2
3 2	10 30.79	− 8 26.5	1.237	2.205	7.3	20.1
3 12	10 22.87	− 6 36.2	1.251	2.213	8.5	20.2
3 22	10 16.70	− 4 37.9	1.290	2.222	12.0	20.4
4 1	10 13.13	− 2 44.0	1.352	2.231	15.7	20.7

119830 2002 BO_{23} 2 26.4 63.°34 3.°4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.56	+17 19.7	1.693	2.522	14.8	19.4
2 1	10 59.45	+17 38.0	1.633	2.537	11.1	19.2
2 11	10 50.82	+17 58.6	1.596	2.552	7.0	19.0
2 21	10 40.54	+18 15.2	1.586	2.567	3.7	18.8
3 2	10 29.81	+18 21.9	1.605	2.582	4.7	18.9
3 12	10 19.90	+18 14.9	1.651	2.597	8.4	19.1
3 22	10 11.87	+17 53.2	1.723	2.612	12.2	19.4
4 1	10 6.37	+17 17.8	1.817	2.627	15.4	19.6

73970 1998 AX_{6} 2 26.4 221.°54 1.°8/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.65	+ 9 50.9	1.479	2.307	16.6	19.5
2 1	10 57.94	+10 36.3	1.398	2.301	12.6	19.2
2 11	10 50.32	+11 36.2	1.338	2.295	7.8	18.9
2 21	10 40.52	+12 43.7	1.304	2.289	2.9	18.6
3 2	10 29.74	+13 49.7	1.297	2.282	3.7	18.6
3 12	10 19.47	+14 45.1	1.317	2.274	8.8	18.9
3 22	10 11.04	+15 23.5	1.362	2.267	13.7	19.1
4 1	10 5.41	+15 42.3	1.428	2.258	17.8	19.4

73471 2002 OH_{16} 2 26.4 312.°04 7.°7/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.77	−12 12.8	1.981	2.704	16.6	19.3
2 1	10 53.67	−13 5.0	1.883	2.695	14.2	19.1
2 11	10 47.37	−13 35.3	1.806	2.687	11.6	18.9
2 21	10 39.42	−13 41.5	1.752	2.679	9.1	18.8
3 2	10 30.66	−13 22.9	1.723	2.671	7.7	18.7
3 12	10 22.15	−12 43.0	1.721	2.664	8.4	18.7
3 22	10 14.88	−11 47.8	1.744	2.656	10.7	18.8
4 1	10 9.65	−10 45.0	1.791	2.649	13.5	19.0

116168 2003 XR_{1} 2 26.4 315.°83 5.°7/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.53	− 3 58.1	1.506	2.291	18.4	20.0
2 1	10 55.58	− 4 40.4	1.416	2.281	15.1	19.8
2 11	10 48.87	− 5 1.4	1.345	2.271	11.2	19.5
2 21	10 40.03	− 4 59.9	1.297	2.261	7.4	19.3
3 2	10 30.15	− 4 37.3	1.275	2.252	5.7	19.1
3 12	10 20.62	− 3 58.8	1.279	2.243	8.1	19.3
3 22	10 12.73	− 3 12.0	1.307	2.234	12.2	19.5
4 1	10 7.48	− 2 24.9	1.357	2.226	16.3	19.7

113885 2002 TU_{265} 2 26.4 145.°75 0.°3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.74	+ 5 36.4	2.180	2.975	13.1	20.2
2 1	10 55.43	+ 6 4.5	2.101	2.986	9.9	20.0
2 11	10 48.19	+ 6 44.5	2.048	2.996	6.3	19.8
2 21	10 39.63	+ 7 32.5	2.022	3.006	2.3	19.6
3 2	10 30.58	+ 8 23.3	2.026	3.015	1.8	19.6
3 12	10 21.97	+ 9 11.4	2.061	3.023	5.7	19.8
3 22	10 14.62	+ 9 52.2	2.123	3.030	9.3	20.1
4 1	10 9.16	+10 22.6	2.211	3.037	12.4	20.3

269931 2000 QV_{168} 2 26.4 191.°58 1.°0/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.29	+ 3 28.8	2.468	3.252	12.0	22.1
2 1	10 54.23	+ 3 48.1	2.375	3.251	9.3	22.0
2 11	10 47.42	+ 4 19.4	2.305	3.249	6.1	21.7
2 21	10 39.37	+ 4 59.8	2.265	3.246	2.6	21.5
3 2	10 30.78	+ 5 45.4	2.254	3.242	1.7	21.4
3 12	10 22.49	+ 6 31.5	2.274	3.238	5.1	21.7
3 22	10 15.25	+ 7 13.6	2.323	3.233	8.5	21.9
4 1	10 9.64	+ 7 48.2	2.398	3.228	11.5	22.0

111518 2001 YX_{95} 2 26.4 42.°39 0.°8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.08	+ 9 5.2	1.510	2.339	16.2	18.9
2 1	10 55.57	+ 9 24.9	1.451	2.354	12.2	18.7
2 11	10 48.53	+ 9 56.6	1.413	2.370	7.6	18.5
2 21	10 39.78	+10 34.6	1.400	2.386	2.6	18.2
3 2	10 30.50	+11 12.1	1.415	2.402	2.7	18.2
3 12	10 21.97	+11 42.6	1.457	2.419	7.5	18.6
3 22	10 15.24	+12 1.6	1.523	2.436	11.9	18.9
4 1	10 11.02	+12 6.9	1.611	2.454	15.5	19.1

461767 2005 UK_{301} 2 26.4 91.°36 2.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.01	+12 54.1	1.868	2.695	13.6	21.7
2 1	10 54.43	+13 53.9	1.803	2.708	10.1	21.5
2 11	10 47.68	+15 1.8	1.763	2.720	6.3	21.3
2 21	10 39.47	+16 10.8	1.750	2.733	2.9	21.1
3 2	10 30.75	+17 13.5	1.766	2.745	4.1	21.2
3 12	10 22.60	+18 3.4	1.810	2.757	7.7	21.4
3 22	10 15.92	+18 36.7	1.880	2.769	11.3	21.7
4 1	10 11.36	+18 52.1	1.973	2.781	14.4	21.9

404133 2013 BP_{61} 2 26.4 330.°99 1.°8/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.52	+ 4 36.7	1.273	2.100	18.8	20.9
2 1	10 56.69	+ 4 21.7	1.193	2.092	14.7	20.6
2 11	10 49.73	+ 4 24.1	1.132	2.084	9.7	20.3
2 21	10 40.37	+ 4 41.4	1.094	2.076	4.3	20.0
3 2	10 29.91	+ 5 8.4	1.081	2.070	2.8	19.8
3 12	10 19.99	+ 5 37.8	1.094	2.063	8.3	20.1
3 22	10 12.07	+ 6 2.6	1.129	2.058	13.6	20.4
4 1	10 7.20	+ 6 17.3	1.186	2.053	18.3	20.7

65710 1992 RT_{1} 2 26.4 145.°40 0.°7/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.24	+ 4 7.5	1.961	2.757	14.3	20.3
2 1	10 56.02	+ 4 38.9	1.884	2.768	10.9	20.1
2 11	10 48.67	+ 5 24.9	1.830	2.778	7.0	19.9
2 21	10 39.83	+ 6 21.3	1.804	2.787	2.8	19.6
3 2	10 30.44	+ 7 22.3	1.807	2.795	1.9	19.5
3 12	10 21.54	+ 8 21.3	1.840	2.803	6.1	19.8
3 22	10 14.03	+ 9 12.6	1.900	2.811	10.1	20.1
4 1	10 8.61	+ 9 52.2	1.984	2.817	13.4	20.3

284998 2010 NU_{29} 2 26.4 233.°39 1.°6/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.41	+ 3 21.6	2.372	3.157	12.4	21.2
2 1	10 54.39	+ 3 13.8	2.278	3.153	9.7	21.0
2 11	10 47.56	+ 3 16.9	2.208	3.149	6.4	20.8
2 21	10 39.44	+ 3 28.9	2.166	3.145	3.0	20.6
3 2	10 30.76	+ 3 47.1	2.154	3.141	2.0	20.5
3 12	10 22.39	+ 4 7.6	2.171	3.136	5.2	20.7
3 22	10 15.10	+ 4 26.8	2.217	3.132	8.6	20.9
4 1	10 9.53	+ 4 41.4	2.288	3.127	11.7	21.1

280744 2005 MA_{41} 2 26.4 210.°17 0.°5/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.15	+ 5 7.3	1.705	2.510	15.8	22.1
2 1	10 57.97	+ 5 32.0	1.615	2.504	12.1	21.9
2 11	10 50.19	+ 6 12.6	1.548	2.497	7.8	21.6
2 21	10 40.47	+ 7 5.2	1.507	2.490	3.0	21.3
3 2	10 29.85	+ 8 3.3	1.494	2.482	2.2	21.2
3 12	10 19.64	+ 8 59.3	1.510	2.474	7.2	21.5
3 22	10 11.00	+ 9 46.8	1.552	2.464	11.8	21.7
4 1	10 4.82	+10 21.0	1.618	2.454	15.8	22.0

451666 2013 AS_{58} 2 26.4 21.°77 4.°0/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.92	+ 1 5.4	1.269	2.080	19.7	20.4
2 1	10 58.37	+ 0 23.4	1.197	2.083	15.6	20.1
2 11	10 50.67	+ 0 0.6	1.145	2.087	10.9	19.9
2 21	10 40.67	− 0 3.2	1.115	2.091	6.0	19.6
3 2	10 29.71	+ 0 8.9	1.111	2.095	4.2	19.5
3 12	10 19.47	+ 0 30.8	1.132	2.101	8.2	19.8
3 22	10 11.33	+ 0 55.3	1.177	2.106	13.1	20.0
4 1	10 6.27	+ 1 15.9	1.242	2.112	17.5	20.3

200681 2001 TB_{189} 2 26.4 174.°73 0.°1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.33	+ 6 41.3	1.846	2.650	14.7	21.0
2 1	10 57.80	+ 7 6.2	1.764	2.653	11.2	20.7
2 11	10 49.90	+ 7 44.1	1.705	2.656	7.1	20.5
2 21	10 40.31	+ 8 30.5	1.673	2.657	2.6	20.2
3 2	10 30.03	+ 9 19.6	1.670	2.658	2.2	20.2
3 12	10 20.23	+10 4.8	1.697	2.658	6.8	20.5
3 22	10 11.95	+10 40.9	1.751	2.658	11.0	20.7
4 1	10 5.95	+11 4.7	1.828	2.657	14.5	20.9

453782 2011 KY_{35} 2 26.4 227.°41 3.°8/29.4 17

1 22	11 1.88	− 3 8.1	1.788	2.559	16.4	22.5
2 1	10 57.01	− 3 6.1	1.687	2.548	13.3	22.2
2 11	10 49.62	− 2 42.8	1.607	2.535	9.5	22.0
2 21	10 40.29	− 1 58.8	1.552	2.522	5.6	21.7
3 2	10 29.99	− 0 58.0	1.526	2.508	3.9	21.6
3 12	10 19.95	+ 0 12.9	1.527	2.493	6.9	21.7
3 22	10 11.32	+ 1 25.8	1.556	2.477	11.1	21.9
4 1	10 5.01	+ 2 33.1	1.609	2.460	15.1	22.1

368162 1999 RU_{67} 2 26.4 97.°24 2.°4/29.1 18

1 22	10 57.33	− 2 38.6	2.207	2.975	13.8	21.3
2 1	10 52.78	− 1 58.8	2.136	2.998	10.8	21.1
2 11	10 46.49	− 1 0.8	2.089	3.020	7.5	20.9
2 21	10 39.03	+ 0 11.9	2.069	3.042	4.0	20.8
3 2	10 31.18	+ 1 34.1	2.079	3.064	2.5	20.7
3 12	10 23.80	+ 2 58.7	2.119	3.085	5.2	20.9
3 22	10 17.61	+ 4 19.5	2.187	3.106	8.5	21.1
4 1	10 13.17	+ 5 31.0	2.281	3.126	11.5	21.4

65615 4163 T-3 2 26.4 181.°21 3.°9/22.9 18

1 22	11 2.65	+17 5.6	1.925	2.752	13.3	20.4
2 1	10 57.27	+18 6.2	1.850	2.753	10.0	20.2
2 11	10 49.55	+19 11.7	1.800	2.754	6.5	20.0
2 21	10 40.19	+20 14.6	1.777	2.754	4.0	19.8
3 2	10 30.17	+21 7.2	1.784	2.753	5.3	19.9
3 12	10 20.66	+21 43.6	1.818	2.752	8.7	20.1
3 22	10 12.66	+22 1.0	1.879	2.750	12.2	20.3
4 1	10 6.93	+21 59.1	1.961	2.748	15.2	20.5

497721 2006 SZ_{156} 2 26.4 193.°79 1.°0/27.6 17

1 22	10 55.64	+ 2 49.6	2.745	3.528	11.0	22.3
2 1	10 51.34	+ 3 15.5	2.651	3.527	8.5	22.1
2 11	10 45.55	+ 3 52.8	2.582	3.525	5.6	21.9
2 21	10 38.71	+ 4 38.9	2.542	3.522	2.4	21.7
3 2	10 31.43	+ 5 30.1	2.532	3.520	1.5	21.6
3 12	10 24.40	+ 6 22.0	2.552	3.517	4.6	21.9
3 22	10 18.25	+ 7 10.3	2.601	3.513	7.6	22.1
4 1	10 13.51	+ 7 51.6	2.677	3.509	10.3	22.2

474610 2004 SX_{49} 2 26.4 288.°83 0.°5/25.9 16

1 22	11 4.30	+11 11.4	2.447	3.246	11.7	21.3
2 1	10 58.20	+11 0.1	2.332	3.220	8.9	21.1
2 11	10 50.06	+10 53.3	2.242	3.193	5.6	20.8
2 21	10 40.39	+10 48.3	2.182	3.167	2.0	20.5
3 2	10 29.96	+10 42.0	2.153	3.140	2.0	20.5
3 12	10 19.71	+10 31.6	2.155	3.112	5.9	20.7
3 22	10 10.55	+10 14.9	2.186	3.085	9.5	20.9
4 1	10 3.20	+ 9 50.8	2.242	3.058	12.7	21.0

311987 2007 FJ_{38} 2 26.4 9.°49 21.°2/21.0 16

1 22	11 30.71	+46 59.1	0.830	1.657	26.3	19.3
2 1	11 22.04	+48 0.7	0.793	1.657	23.8	19.1
2 11	11 6.35	+48 21.9	0.770	1.659	21.9	19.0
2 21	10 46.13	+47 39.2	0.763	1.662	21.2	19.0
3 2	10 25.59	+45 40.4	0.774	1.666	21.9	19.0
3 12	10 8.81	+42 33.1	0.802	1.671	24.0	19.2
3 22	9 57.86	+38 39.4	0.847	1.678	26.6	19.4
4 1	9 53.04	+34 22.7	0.907	1.686	29.3	19.6

154996 2005 MY_{42} 2 26.4 222.°38 1.°5/27.5 18

1 22	11 2.04	+ 2 41.6	1.597	2.400	16.7	21.3
2 1	10 57.31	+ 2 58.5	1.507	2.393	13.1	21.0
2 11	10 49.88	+ 3 34.5	1.439	2.385	8.7	20.8
2 21	10 40.40	+ 4 26.1	1.396	2.377	3.8	20.5
3 2	10 29.95	+ 5 27.5	1.380	2.368	2.4	20.3
3 12	10 19.91	+ 6 30.4	1.393	2.359	7.3	20.6
3 22	10 11.49	+ 7 27.1	1.431	2.349	12.1	20.9
4 1	10 5.64	+ 8 11.8	1.492	2.339	16.3	21.1

464198 2015 BN_{38} 2 26.4 152.°28 0.°5/26.8 16

1 22	11 1.94	+ 6 16.7	2.374	3.165	12.3	21.5
2 1	10 56.20	+ 6 24.4	2.291	3.173	9.3	21.3
2 11	10 48.63	+ 6 41.5	2.234	3.181	6.0	21.1
2 21	10 39.81	+ 7 5.2	2.205	3.188	2.3	20.9
3 2	10 30.52	+ 7 31.6	2.207	3.195	1.7	20.9
3 12	10 21.65	+ 7 56.6	2.239	3.201	5.3	21.1
3 22	10 13.96	+ 8 16.9	2.300	3.207	8.7	21.3
4 1	10 8.05	+ 8 29.7	2.386	3.212	11.7	21.5

161629 2005 YL_{47} 2 26.4 331.°47 1.°3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.17	+ 7 18.5	1.244	2.088	18.1	19.4
2 1	10 52.70	+ 8 14.4	1.166	2.078	13.7	19.1
2 11	10 47.24	+ 9 31.9	1.108	2.068	8.6	18.8
2 21	10 39.51	+11 3.4	1.074	2.059	3.0	18.4
3 2	10 30.71	+12 37.9	1.064	2.051	3.6	18.4
3 12	10 22.43	+14 2.7	1.080	2.044	9.4	18.7
3 22	10 16.06	+15 8.3	1.119	2.037	14.7	19.0
4 1	10 12.60	+15 49.6	1.177	2.031	19.3	19.3

494256 2016 QH_{34} 2 26.4 241.°08 1.°4/28.1 16

1 22	10 56.31	+ 1 59.1	2.970	3.745	10.4	22.6
2 1	10 51.81	+ 2 10.0	2.861	3.730	8.2	22.4
2 11	10 45.85	+ 2 31.4	2.777	3.715	5.5	22.2
2 21	10 38.84	+ 3 1.5	2.721	3.699	2.7	22.0
3 2	10 31.34	+ 3 37.6	2.696	3.683	1.7	21.9
3 12	10 24.01	+ 4 16.0	2.702	3.666	4.4	22.1
3 22	10 17.46	+ 4 53.2	2.737	3.649	7.3	22.2
4 1	10 12.22	+ 5 25.8	2.798	3.632	9.9	22.4

234399 2001 QY_{286} 2 26.4 272.°68 2.°2/27.8 17

1 22	11 2.36	+ 2 40.5	1.533	2.337	17.2	20.7
2 1	10 57.86	+ 2 33.8	1.431	2.317	13.6	20.4
2 11	10 50.45	+ 2 44.7	1.351	2.296	9.2	20.1
2 21	10 40.70	+ 3 11.5	1.295	2.275	4.4	19.7
3 2	10 29.70	+ 3 50.0	1.266	2.254	2.9	19.6
3 12	10 18.92	+ 4 33.3	1.264	2.232	7.7	19.8
3 22	10 9.75	+ 5 14.1	1.288	2.210	12.8	20.0
4 1	10 3.30	+ 5 46.2	1.333	2.188	17.4	20.2

294067 2007 TK_{170} 2 26.4 142.°07 8.°7/16.8 18

1 22	11 6.37	+37 55.2	2.413	3.217	11.7	20.4
2 1	10 59.80	+38 59.3	2.362	3.221	10.0	20.3
2 11	10 50.97	+39 51.4	2.335	3.225	8.9	20.2
2 21	10 40.65	+40 23.9	2.334	3.228	8.8	20.2
3 2	10 29.91	+40 31.7	2.360	3.232	9.8	20.3
3 12	10 19.90	+40 13.1	2.411	3.235	11.4	20.4
3 22	10 11.55	+39 29.8	2.484	3.238	13.2	20.5
4 1	10 5.50	+38 25.8	2.577	3.241	14.8	20.6

274689 2008 UH_{48} 2 26.4 138.°18 1.°9/28.3 17

1 22	10 56.93	+ 0 39.3	2.160	2.945	13.5	21.4
2 1	10 52.68	+ 0 56.8	2.074	2.948	10.6	21.2
2 11	10 46.56	+ 1 29.8	2.012	2.951	7.1	21.0
2 21	10 39.13	+ 2 15.7	1.977	2.954	3.5	20.8
3 2	10 31.16	+ 3 10.2	1.970	2.957	2.2	20.7
3 12	10 23.56	+ 4 7.4	1.993	2.960	5.4	20.9
3 22	10 17.11	+ 5 1.8	2.044	2.962	9.0	21.1
4 1	10 12.45	+ 5 48.8	2.119	2.965	12.2	21.3

252091 2000 UP_{30} 2 26.4 279.°18 2.°6/28.8 17 R

1 22	11 6.85	− 2 40.9	2.500	3.240	13.1	22.4
2 1	11 0.50	− 2 15.3	2.344	3.189	10.6	22.1
2 11	10 51.82	− 1 31.1	2.213	3.137	7.6	21.9
2 21	10 41.18	− 0 28.8	2.111	3.082	4.2	21.5
3 2	10 29.26	+ 0 48.5	2.042	3.025	2.8	21.3
3 12	10 17.03	+ 2 15.3	2.005	2.966	6.0	21.4
3 22	10 5.55	+ 3 44.5	2.001	2.905	10.0	21.6
4 1	9 55.76	+ 5 9.2	2.024	2.841	13.8	21.7

205916 2002 GU_{127} 2 26.4 237.°55 0.°5/26.0 18

1 22	11 2.72	+ 8 26.0	1.898	2.707	14.2	20.9
2 1	10 57.48	+ 8 46.5	1.801	2.694	10.9	20.6
2 11	10 49.83	+ 9 18.3	1.728	2.681	6.9	20.3
2 21	10 40.38	+ 9 57.2	1.682	2.667	2.4	20.0
3 2	10 30.06	+10 37.6	1.665	2.652	2.4	20.0
3 12	10 20.07	+11 13.4	1.677	2.637	7.0	20.2
3 22	10 11.47	+11 39.8	1.717	2.622	11.3	20.5
4 1	10 5.12	+11 53.8	1.779	2.606	15.0	20.7

347310 2011 QF_{17} 2 26.4 182.°79 0.°6/27.1 17

1 22	10 55.21	+ 4 10.9	2.852	3.640	10.5	21.8
2 1	10 50.97	+ 4 41.5	2.761	3.640	8.0	21.7
2 11	10 45.30	+ 5 22.5	2.695	3.640	5.2	21.5
2 21	10 38.65	+ 6 11.0	2.658	3.640	2.1	21.3
3 2	10 31.59	+ 7 3.1	2.651	3.639	1.4	21.2
3 12	10 24.78	+ 7 54.7	2.675	3.638	4.5	21.4
3 22	10 18.83	+ 8 41.7	2.728	3.637	7.4	21.6
4 1	10 14.21	+ 9 21.0	2.807	3.635	10.0	21.8

125402 2001 VU_{102} 2 26.4 13.°11 5.°5/22.8 18

1 22	11 3.02	+18 49.5	1.305	2.155	17.0	19.5
2 1	10 58.47	+19 43.5	1.242	2.155	12.9	19.3
2 11	10 50.74	+20 41.7	1.200	2.157	8.6	19.1
2 21	10 40.72	+21 33.9	1.182	2.158	5.6	18.9
3 2	10 29.86	+22 9.6	1.190	2.160	7.2	19.0
3 12	10 19.84	+22 22.1	1.223	2.163	11.4	19.2
3 22	10 12.06	+22 9.7	1.278	2.165	15.6	19.5
4 1	10 7.38	+21 34.2	1.352	2.168	19.4	19.7

70869 1999 VR_{154} 2 26.4 262°.81 1°.4/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.72	+10 33.2	2.189	3.004	12.4	20.9
2 1	10 54.20	+11 10.5	2.088	2.985	9.4	20.7
2 11	10 47.64	+11 57.3	2.012	2.967	5.8	20.4
2 21	10 39.57	+12 49.0	1.963	2.948	2.2	20.2
3 2	10 30.77	+13 39.9	1.944	2.928	2.8	20.2
3 12	10 22.21	+14 24.2	1.954	2.909	6.7	20.4
3 22	10 14.77	+14 57.5	1.992	2.889	10.4	20.6
4 1	10 9.20	+15 17.1	2.053	2.868	13.7	20.7

98845 2001 AU_{27} 2 26.4 338°.48 0°.4/26.2 18

1 22	11 4.97	+10 36.1	1.376	2.205	17.5	18.4
2 1	10 59.86	+10 16.5	1.296	2.199	13.4	18.1
2 11	10 51.63	+10 5.6	1.237	2.193	8.5	17.9
2 21	10 41.07	+ 9 59.4	1.203	2.188	3.0	17.5
3 2	10 29.53	+ 9 53.0	1.195	2.183	2.8	17.5
3 12	10 18.63	+ 9 41.7	1.214	2.179	8.4	17.8
3 22	10 9.79	+ 9 22.3	1.257	2.175	13.5	18.1
4 1	10 3.96	+ 8 53.3	1.322	2.172	17.8	18.3

41868 2000 WH_{99} 2 26.4 99°.17 0°.1/26.3 18

1 22	10 59.14	+ 7 1.6	1.976	2.785	13.7	20.0
2 1	10 54.44	+ 7 27.3	1.901	2.794	10.4	19.8
2 11	10 47.70	+ 8 4.7	1.850	2.802	6.5	19.6
2 21	10 39.54	+ 8 49.4	1.827	2.811	2.3	19.3
3 2	10 30.87	+ 9 36.0	1.832	2.820	2.0	19.3
3 12	10 22.68	+10 18.5	1.866	2.828	6.2	19.6
3 22	10 15.85	+10 52.6	1.927	2.837	10.0	19.8
4 1	10 11.01	+11 15.2	2.012	2.845	13.3	20.1

78220 2002 OO_{7} 2 26.4 161°.97 2°.6/29.5 18

1 22	10 55.87	− 2 54.7	2.491	3.254	12.6	20.1
2 1	10 51.66	− 2 32.0	2.401	3.257	10.0	19.9
2 11	10 45.83	− 1 53.1	2.334	3.261	7.0	19.7
2 21	10 38.86	− 1 0.1	2.294	3.264	4.0	19.5
3 2	10 31.43	+ 0 3.3	2.284	3.267	2.7	19.4
3 12	10 24.30	+ 1 11.9	2.304	3.269	4.9	19.6
3 22	10 18.15	+ 2 20.0	2.353	3.272	8.0	19.8
4 1	10 13.54	+ 3 22.7	2.427	3.274	10.8	20.0

49326 1998 VL_{31} 2 26.4 355°.48 10°.7/17.0 18

1 22	10 59.35	+30 16.3	1.370	2.225	16.1	17.4
2 1	10 55.88	+32 9.9	1.318	2.221	13.2	17.2
2 11	10 49.20	+33 56.0	1.288	2.218	11.1	17.1
2 21	10 40.20	+35 20.6	1.281	2.216	10.9	17.0
3 2	10 30.33	+36 11.9	1.298	2.215	12.7	17.1
3 12	10 21.31	+36 24.4	1.336	2.215	15.5	17.3
3 22	10 14.53	+35 59.4	1.394	2.215	18.5	17.5
4 1	10 10.87	+35 2.2	1.468	2.217	21.1	17.7

454279 2014 HO_{47} 2 26.4 184°.63 0°.5/26.0 18

1 22	11 1.48	+ 6 31.2	1.575	2.391	16.3	22.0
2 1	10 56.84	+ 7 17.8	1.495	2.392	12.4	21.7
2 11	10 49.54	+ 8 21.5	1.438	2.392	7.8	21.4
2 21	10 40.30	+ 9 36.1	1.406	2.391	2.7	21.1
3 2	10 30.23	+10 53.4	1.403	2.390	2.7	21.1
3 12	10 20.67	+12 4.0	1.427	2.389	7.8	21.4
3 22	10 12.80	+13 0.9	1.478	2.387	12.5	21.7
4 1	10 7.50	+13 40.0	1.550	2.384	16.4	21.9

401133 2011 UE_{317} 2 26.4 198°.60 4°.8/22.0 17

1 22	11 4.79	+20 3.1	2.026	2.850	12.9	22.4
2 1	10 58.89	+21 8.0	1.946	2.846	9.8	22.2
2 11	10 50.62	+22 15.4	1.892	2.842	6.7	22.0
2 21	10 40.64	+23 17.5	1.866	2.836	4.8	21.8
3 2	10 29.95	+24 6.5	1.870	2.830	6.1	21.9
3 12	10 19.73	+24 36.9	1.902	2.823	9.2	22.1
3 22	10 11.02	+24 46.6	1.960	2.815	12.5	22.3
4 1	10 4.57	+24 36.1	2.039	2.807	15.4	22.4

174016 2001 YW_{84} 2 26.4 104°.41 2°.5/28.9 17

1 22	10 56.83	− 0 30.9	2.484	3.256	12.3	20.0
2 1	10 52.38	− 0 34.1	2.396	3.259	9.7	19.8
2 11	10 46.27	− 0 24.1	2.331	3.263	6.8	19.6
2 21	10 39.03	− 0 2.5	2.294	3.266	3.8	19.4
3 2	10 31.33	+ 0 28.0	2.287	3.270	2.6	19.3
3 12	10 23.94	+ 1 3.4	2.308	3.274	4.9	19.5
3 22	10 17.56	+ 1 39.4	2.359	3.277	8.0	19.7
4 1	10 12.74	+ 2 12.0	2.434	3.280	10.8	19.9

373501 2001 BD_{10} 2 26.4 103°.59 2°.1/28.4 18

1 22	10 58.91	+ 0 53.6	2.060	2.845	14.1	21.0
2 1	10 54.20	+ 0 59.4	1.981	2.854	11.0	20.8
2 11	10 47.53	+ 1 20.3	1.926	2.864	7.4	20.6
2 21	10 39.50	+ 1 54.0	1.897	2.874	3.8	20.4
3 2	10 30.95	+ 2 36.3	1.897	2.883	2.4	20.4
3 12	10 22.85	+ 3 21.9	1.926	2.892	5.6	20.6
3 22	10 16.02	+ 4 5.5	1.982	2.901	9.2	20.8
4 1	10 11.10	+ 4 42.5	2.063	2.910	12.4	21.0

460444 2014 ST_{188} 2 26.4 238°.23 0°.4/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.96	+ 6 0.7	1.748	2.561	15.0	22.1
2 1	10 54.79	+ 6 49.6	1.657	2.552	11.5	21.8
2 11	10 48.22	+ 7 55.5	1.590	2.543	7.3	21.6
2 21	10 39.84	+ 9 12.9	1.549	2.534	2.5	21.2
3 2	10 30.62	+10 34.3	1.536	2.523	2.5	21.2
3 12	10 21.75	+11 50.9	1.552	2.513	7.3	21.5
3 22	10 14.31	+12 55.4	1.594	2.502	11.7	21.7
4 1	10 9.15	+13 43.2	1.658	2.491	15.6	21.9

184074 2004 GS_{20} 2 26.4 4°.54 1°.5/25.1 18

1 22	10 48.21	+ 4 55.0	1.107	1.962	19.0	18.7
2 1	10 47.52	+ 6 33.3	1.042	1.961	14.3	18.4
2 11	10 43.99	+ 8 40.4	0.998	1.961	8.8	18.1
2 21	10 38.37	+11 5.6	0.978	1.964	3.0	17.7
3 2	10 31.89	+13 32.6	0.982	1.968	4.0	17.8
3 12	10 26.06	+15 44.5	1.011	1.974	9.8	18.1
3 22	10 22.15	+17 28.9	1.061	1.982	15.1	18.5
4 1	10 21.02	+18 39.9	1.131	1.991	19.5	18.7

419314 2009 WN_{82} 2 26.4 178°.09 0°.2/26.3 17

1 22	11 0.04	+ 7 51.4	1.967	2.778	13.7	21.0
2 1	10 55.22	+ 8 6.6	1.885	2.778	10.4	20.8
2 11	10 48.26	+ 8 32.5	1.826	2.778	6.6	20.5
2 21	10 39.79	+ 9 5.1	1.793	2.778	2.3	20.2
3 2	10 30.71	+ 9 39.5	1.790	2.778	2.1	20.2
3 12	10 22.06	+10 10.2	1.816	2.778	6.3	20.5
3 22	10 14.77	+10 33.2	1.868	2.778	10.3	20.7
4 1	10 9.53	+10 45.5	1.945	2.778	13.6	20.9

178197 2006 UP_{231} 2 26.4 17°.92 0°.1/26.5 18

1 22	10 54.35	+ 5 37.8	2.036	2.848	13.3	20.0
2 1	10 50.85	+ 6 16.2	1.957	2.851	10.1	19.8
2 11	10 45.47	+ 7 8.0	1.903	2.855	6.4	19.6
2 21	10 38.78	+ 8 8.7	1.875	2.859	2.3	19.3
3 2	10 31.58	+ 9 12.6	1.876	2.864	1.9	19.3
3 12	10 24.77	+10 13.1	1.905	2.869	5.9	19.6
3 22	10 19.16	+11 4.8	1.962	2.874	9.7	19.8
4 1	10 15.36	+11 44.1	2.042	2.880	12.9	20.0

341562 2007 UE_{39} 2 26.4 122°.49 3°.6/22.6 18

1 22	11 0.75	+19 51.9	2.467	3.289	10.9	21.3
2 1	10 55.29	+20 32.3	2.400	3.300	8.2	21.2
2 11	10 48.06	+21 13.2	2.360	3.310	5.5	21.0
2 21	10 39.66	+21 49.3	2.347	3.320	3.7	20.9
3 2	10 30.88	+22 15.7	2.365	3.329	4.7	21.0
3 12	10 22.57	+22 29.0	2.412	3.339	7.2	21.2
3 22	10 15.48	+22 27.7	2.485	3.348	9.9	21.3
4 1	10 10.16	+22 12.2	2.582	3.357	12.3	21.5

190140 2005 ST_{26} 2 26.4 214°.85 1°.9/25.0 18

1 22	11 3.09	+10 38.7	1.582	2.406	15.8	21.0
2 1	10 58.14	+11 21.5	1.499	2.401	12.0	20.7
2 11	10 50.42	+12 16.8	1.439	2.396	7.5	20.4
2 21	10 40.65	+13 17.9	1.406	2.390	2.8	20.1
3 2	10 29.98	+14 16.5	1.400	2.384	3.7	20.2
3 12	10 19.80	+15 4.5	1.421	2.377	8.5	20.4
3 22	10 11.35	+15 36.5	1.468	2.370	13.1	20.7
4 1	10 5.56	+15 50.1	1.537	2.362	17.0	20.9

20341 Alanstack 2 26.4 111°.08 0°.7/26.9 18

1 22	10 59.14	+ 3 41.5	1.665	2.473	15.9	18.4
2 1	10 54.84	+ 4 21.0	1.591	2.481	12.2	18.2
2 11	10 48.16	+ 5 18.5	1.539	2.489	7.8	18.0
2 21	10 39.79	+ 6 29.0	1.513	2.497	3.1	17.7
3 2	10 30.78	+ 7 45.1	1.516	2.504	2.1	17.6
3 12	10 22.30	+ 8 58.4	1.546	2.512	6.8	18.0
3 22	10 15.39	+10 1.6	1.603	2.519	11.2	18.2
4 1	10 10.80	+10 49.9	1.682	2.525	14.9	18.5

113962 2002 UJ_{8} 2 26.4 50°.46 2°.3/29.1 18

1 22	10 54.01	− 2 40.1	2.172	2.947	13.8	19.7
2 1	10 50.52	− 1 55.7	2.084	2.949	10.9	19.5
2 11	10 45.25	− 0 51.6	2.019	2.952	7.5	19.3
2 21	10 38.72	+ 0 29.0	1.980	2.955	4.0	19.1
3 2	10 31.67	+ 2 0.8	1.971	2.957	2.4	19.0
3 12	10 24.96	+ 3 36.5	1.992	2.960	5.3	19.2
3 22	10 19.33	+ 5 8.7	2.041	2.963	8.8	19.4
4 1	10 15.41	+ 6 31.1	2.116	2.966	12.0	19.6

264010 2009 PB_{2} 2 26.4 270°.83 7°.3/ 2.6 17

1 22	11 1.51	− 9 15.3	1.840	2.579	17.1	20.2
2 1	10 56.72	−10 14.3	1.743	2.571	14.5	20.0
2 11	10 49.47	−10 52.9	1.667	2.562	11.5	19.8
2 21	10 40.34	−11 8.4	1.614	2.553	8.7	19.6
3 2	10 30.26	−11 0.4	1.587	2.544	7.3	19.5
3 12	10 20.44	−10 32.0	1.587	2.535	8.4	19.5
3 22	10 12.00	− 9 49.2	1.612	2.526	11.3	19.6
4 1	10 5.82	− 8 59.6	1.661	2.517	14.5	19.8

410633 2008 RR_{33} 2 26.4 199°.73 0°.5/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.01	+ 5 43.6	2.156	2.956	13.0	21.5
2 1	10 54.30	+ 6 0.0	2.068	2.955	10.0	21.3
2 11	10 47.64	+ 6 27.9	2.005	2.953	6.4	21.1
2 21	10 39.59	+ 7 4.1	1.968	2.951	2.5	20.8
3 2	10 30.96	+ 7 44.1	1.961	2.949	1.8	20.7
3 12	10 22.69	+ 8 22.6	1.983	2.947	5.7	21.0
3 22	10 15.61	+ 8 55.3	2.033	2.945	9.5	21.2
4 1	10 10.39	+ 9 18.8	2.108	2.942	12.7	21.4

203490 2002 AB_{87} 2 26.4 41°.08 1°.9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.13	+ 1 45.9	1.258	2.080	19.2	20.1
2 1	10 54.65	+ 2 7.4	1.195	2.091	14.9	19.8
2 11	10 48.29	+ 2 52.5	1.152	2.102	9.8	19.6
2 21	10 39.88	+ 3 56.4	1.133	2.114	4.4	19.3
3 2	10 30.74	+ 5 10.9	1.138	2.127	2.6	19.2
3 12	10 22.36	+ 6 25.3	1.170	2.140	7.8	19.5
3 22	10 15.97	+ 7 30.5	1.225	2.153	12.8	19.9
4 1	10 12.41	+ 8 19.9	1.301	2.167	17.0	20.2

360586 2003 UD_{362} 2 26.4 236°.61 2°.5/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.04	+11 54.9	1.766	2.592	14.3	21.4
2 1	10 55.62	+12 55.4	1.680	2.584	10.8	21.2
2 11	10 48.75	+14 7.5	1.617	2.575	6.7	20.9
2 21	10 40.06	+15 24.1	1.582	2.565	3.0	20.6
3 2	10 30.54	+16 36.6	1.575	2.555	4.2	20.7
3 12	10 21.41	+17 37.0	1.596	2.545	8.4	20.9
3 22	10 13.77	+18 19.9	1.643	2.535	12.5	21.1
4 1	10 8.44	+18 42.9	1.711	2.524	16.1	21.3

258279 2001 UZ_{23} 2 26.4 145°.91 4°.8/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.81	− 7 53.7	2.272	3.006	14.4	21.1
2 1	10 54.78	− 8 4.4	2.186	3.015	11.9	20.9
2 11	10 47.88	− 7 55.9	2.121	3.025	9.0	20.7
2 21	10 39.66	− 7 28.5	2.083	3.033	6.2	20.6
3 2	10 30.92	− 6 44.6	2.073	3.041	4.8	20.5
3 12	10 22.54	− 5 48.9	2.092	3.049	6.1	20.6
3 22	10 15.33	− 4 47.4	2.139	3.056	8.8	20.8
4 1	10 9.91	− 3 46.1	2.212	3.062	11.6	21.0

320810 2008 FM_{5} 2 26.4 337°.75 1°.1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.30	+ 8 27.1	1.550	2.380	15.8	20.7
2 1	10 53.75	+ 9 8.5	1.471	2.376	12.0	20.4
2 11	10 47.64	+10 4.8	1.414	2.371	7.5	20.2
2 21	10 39.67	+11 10.0	1.382	2.367	2.6	19.9
3 2	10 30.89	+12 15.9	1.377	2.363	3.0	19.9
3 12	10 22.60	+13 13.9	1.399	2.360	8.0	20.2
3 22	10 15.92	+13 57.8	1.446	2.357	12.5	20.4
4 1	10 11.71	+14 23.8	1.514	2.355	16.4	20.6

227896 2007 EV_{118} 2 26.4 293°.76 0°.5/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.94	+ 7 9.6	1.834	2.652	14.3	20.7
2 1	10 53.19	+ 7 46.8	1.741	2.639	10.9	20.5
2 11	10 47.18	+ 8 38.2	1.671	2.625	6.9	20.2
2 21	10 39.50	+ 9 39.2	1.627	2.612	2.4	19.9
3 2	10 31.02	+10 43.3	1.612	2.599	2.4	19.9
3 12	10 22.86	+11 42.9	1.625	2.586	7.0	20.1
3 22	10 16.02	+12 31.9	1.663	2.574	11.2	20.4
4 1	10 11.31	+13 6.4	1.725	2.561	14.9	20.6

197242 2003 WA_{63} 2 26.4 37°.97 0°.8/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.93	+ 9 8.5	1.886	2.706	13.8	20.1
2 1	10 53.66	+ 9 35.6	1.813	2.712	10.4	19.9
2 11	10 47.29	+10 13.1	1.764	2.719	6.5	19.7
2 21	10 39.47	+10 56.1	1.741	2.726	2.2	19.4
3 2	10 31.10	+11 38.8	1.747	2.734	2.5	19.5
3 12	10 23.24	+12 15.4	1.781	2.741	6.6	19.7
3 22	10 16.78	+12 41.8	1.842	2.749	10.5	20.0
4 1	10 12.36	+12 55.3	1.925	2.758	13.8	20.2

133360 2003 SH_{129} 2 26.4 226°.66 2°.8/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.53	+15 51.3	2.286	3.107	11.7	20.3
2 1	10 55.41	+16 28.8	2.199	3.099	8.8	20.1
2 11	10 48.32	+17 10.6	2.138	3.092	5.6	19.9
2 21	10 39.84	+17 51.6	2.104	3.084	3.0	19.7
3 2	10 30.77	+18 26.1	2.100	3.076	4.0	19.7
3 12	10 22.06	+18 49.6	2.126	3.067	7.1	19.9
3 22	10 14.55	+18 59.5	2.178	3.059	10.4	20.1
4 1	10 8.90	+18 54.9	2.254	3.049	13.3	20.3

196801 2003 SY_{202} 2 26.4 226°.35 0°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.07	+ 3 39.6	2.251	3.045	12.7	21.1
2 1	10 52.82	+ 4 8.7	2.157	3.039	9.8	20.9
2 11	10 46.71	+ 4 51.5	2.087	3.033	6.4	20.7
2 21	10 39.28	+ 5 44.7	2.044	3.026	2.6	20.4
3 2	10 31.25	+ 6 43.5	2.031	3.019	1.7	20.4
3 12	10 23.51	+ 7 42.1	2.048	3.012	5.5	20.6
3 22	10 16.85	+ 8 35.3	2.092	3.005	9.1	20.8
4 1	10 11.92	+ 9 18.8	2.161	2.997	12.3	21.0

181697 5185 $T\text{-}_{3}$ 2 26.4 134°.84 1°.2/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.83	+10 36.7	2.831	3.639	10.0	21.0
2 1	10 51.43	+11 25.8	2.755	3.649	7.5	20.9
2 11	10 45.60	+12 21.7	2.705	3.660	4.6	20.7
2 21	10 38.82	+13 20.1	2.685	3.670	1.7	20.5
3 2	10 31.68	+14 16.6	2.696	3.679	2.3	20.5
3 12	10 24.85	+15 6.6	2.738	3.688	5.2	20.8
3 22	10 18.93	+15 47.1	2.808	3.697	8.0	20.9
4 1	10 14.39	+16 16.1	2.903	3.706	10.4	21.1

451655 2012 VY_{75} 2 26.4 128°.37 4°.0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.24	+14 57.1	1.562	2.394	15.6	21.8
2 1	10 58.84	+16 11.7	1.501	2.407	11.7	21.6
2 11	10 50.72	+17 34.2	1.464	2.420	7.4	21.4
2 21	10 40.74	+18 55.2	1.453	2.432	4.1	21.2
3 2	10 30.10	+20 4.8	1.470	2.444	5.6	21.3
3 12	10 20.22	+20 55.2	1.515	2.455	9.6	21.6
3 22	10 12.23	+21 23.0	1.584	2.465	13.5	21.8
4 1	10 6.93	+21 28.3	1.674	2.475	16.9	22.1

34105 2000 PD_{20} 2 26.4 160°.28 1°.7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.01	+13 20.9	2.223	3.033	12.4	18.9
2 1	10 57.94	+13 38.5	2.143	3.038	9.3	18.7
2 11	10 49.85	+14 1.1	2.089	3.043	5.8	18.5
2 21	10 40.38	+14 24.3	2.063	3.047	2.4	18.3
3 2	10 30.39	+14 43.4	2.068	3.051	3.0	18.3
3 12	10 20.89	+14 54.4	2.103	3.054	6.5	18.5
3 22	10 12.73	+14 55.0	2.166	3.057	9.9	18.7
4 1	10 6.55	+14 44.4	2.253	3.060	12.9	18.9

6007 Billevans 2 26.4 30°.61 1°.9/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.48	+11 38.9	1.145	1.994	19.0	17.0
2 1	10 57.36	+11 55.3	1.092	2.007	14.2	16.7
2 11	10 50.03	+12 23.2	1.060	2.021	8.8	16.5
2 21	10 40.51	+12 55.1	1.050	2.036	3.3	16.2
3 2	10 30.33	+13 22.7	1.066	2.052	3.9	16.3
3 12	10 21.18	+13 38.6	1.106	2.068	9.3	16.6
3 22	10 14.38	+13 39.2	1.168	2.086	14.3	16.9
4 1	10 10.70	+13 23.2	1.250	2.105	18.4	17.2

274340 2008 RE_{32} 2 26.4 194°.64 0°.3/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.95	+ 5 17.5	2.473	3.267	11.8	22.0
2 1	10 53.30	+ 5 49.9	2.381	3.265	9.0	21.8
2 11	10 46.93	+ 6 33.6	2.314	3.262	5.7	21.5
2 21	10 39.35	+ 7 25.3	2.275	3.259	2.2	21.3
3 2	10 31.26	+ 8 20.3	2.267	3.255	1.6	21.2
3 12	10 23.45	+ 9 13.5	2.289	3.251	5.2	21.5
3 22	10 16.65	+10 0.5	2.339	3.246	8.6	21.7
4 1	10 11.46	+10 37.8	2.415	3.241	11.5	21.9

73106 2002 GV_{25} 2 26.4 290°.80 2°.0/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.72	+ 2 3.9	1.559	2.366	16.8	20.0
2 1	10 55.10	+ 2 14.4	1.454	2.342	13.3	19.7
2 11	10 48.75	+ 2 44.9	1.371	2.318	9.0	19.4
2 21	10 40.20	+ 3 33.5	1.313	2.293	4.2	19.1
3 2	10 30.47	+ 4 34.8	1.281	2.269	2.6	18.9
3 12	10 20.90	+ 5 40.7	1.276	2.244	7.5	19.1
3 22	10 12.82	+ 6 42.9	1.295	2.220	12.6	19.3
4 1	10 7.28	+ 7 33.9	1.337	2.195	17.2	19.5

462656 2009 SZ_{276} 2 26.4 180°.50 2°.4/29.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.28	− 2 36.0	2.336	3.101	13.2	22.6
2 1	10 52.89	− 2 0.2	2.243	3.102	10.5	22.4
2 11	10 46.72	− 1 6.4	2.173	3.103	7.3	22.2
2 21	10 39.30	+ 0 2.7	2.131	3.103	4.0	22.0
3 2	10 31.33	+ 1 22.7	2.118	3.103	2.5	21.9
3 12	10 23.66	+ 2 47.2	2.136	3.102	5.2	22.0
3 22	10 17.05	+ 4 9.5	2.183	3.100	8.6	22.2
4 1	10 12.11	+ 5 24.0	2.255	3.098	11.6	22.4

343066 2009 CY_{30} 2 26.5 152°.37 1°.0/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.50	+ 9 16.2	2.697	3.504	10.5	21.1
2 1	10 51.29	+10 10.9	2.616	3.510	7.8	21.0
2 11	10 45.59	+11 14.0	2.561	3.515	4.8	20.8
2 21	10 38.86	+12 21.2	2.536	3.520	1.7	20.6
3 2	10 31.72	+13 27.3	2.541	3.525	2.2	20.6
3 12	10 24.88	+14 27.4	2.577	3.529	5.4	20.8
3 22	10 18.96	+15 17.6	2.641	3.534	8.3	21.0
4 1	10 14.47	+15 55.6	2.730	3.537	10.9	21.2

125182 2001 UX_{116} 2 26.5 47°.73 0°.6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.19	+ 4 26.7	1.257	2.086	18.8	20.2
2 1	10 55.46	+ 4 58.5	1.196	2.098	14.4	19.9
2 11	10 48.82	+ 5 51.2	1.156	2.110	9.2	19.7
2 21	10 40.12	+ 6 58.7	1.139	2.123	3.5	19.4
3 2	10 30.70	+ 8 11.7	1.148	2.136	2.5	19.3
3 12	10 22.08	+ 9 20.0	1.182	2.150	8.1	19.7
3 22	10 15.50	+10 15.3	1.240	2.164	13.1	20.0
4 1	10 11.76	+10 52.9	1.319	2.178	17.3	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
208212 2000 SG_{83}			2 26.5 135°.53		0°.2/26.3 18	
	h m	° ′			°	m
1 22	11 2.92	+ 6 47.0	1.872	2.677	14.6	21.9
2 1	10 57.41	+ 7 19.3	1.800	2.690	11.0	21.7
2 11	10 49.66	+ 8 4.3	1.751	2.702	6.9	21.5
2 21	10 40.36	+ 8 57.1	1.730	2.714	2.4	21.2
3 2	10 30.50	+ 9 51.5	1.738	2.725	2.2	21.2
3 12	10 21.20	+10 40.9	1.775	2.736	6.6	21.5
3 22	10 13.43	+11 20.4	1.839	2.746	10.6	21.8
4 1	10 7.85	+11 46.9	1.927	2.755	14.0	22.0
138757 2000 SR_{280}			2 26.5 7°.55		7°.2/ 5.8 18	
1 22	10 54.37	−15 58.4	2.332	3.024	15.1	19.5
2 1	10 50.81	−16 20.4	2.238	3.024	13.1	19.3
2 11	10 45.47	−16 19.4	2.165	3.025	10.9	19.2
2 21	10 38.87	−15 54.1	2.114	3.025	8.7	19.0
3 2	10 31.71	−15 5.4	2.089	3.026	7.3	18.9
3 12	10 24.83	−13 57.3	2.090	3.027	7.5	18.9
3 22	10 19.00	−12 36.1	2.119	3.029	9.2	19.1
4 1	10 14.83	−11 9.2	2.172	3.030	11.5	19.2
57235 2001 QD_{80}			2 26.5 225°.70		7°.4/19.9 18	
1 22	11 5.46	+28 25.7	1.944	2.772	13.2	18.7
2 1	10 59.59	+29 29.5	1.876	2.768	10.5	18.5
2 11	10 51.15	+30 27.9	1.831	2.763	8.3	18.4
2 21	10 40.92	+31 12.1	1.813	2.758	7.4	18.3
3 2	10 30.03	+31 34.6	1.823	2.753	8.7	18.4
3 12	10 19.77	+31 31.5	1.858	2.748	11.2	18.5
3 22	10 11.24	+31 3.3	1.918	2.743	14.0	18.7
4 1	10 5.22	+30 12.9	1.997	2.737	16.5	18.9
200797 2001 XW_{110}			2 26.5 69°.37		0°.5/26.1 18	
1 22	11 0.54	+ 6 21.8	1.358	2.186	17.8	20.5
2 1	10 56.26	+ 7 8.3	1.299	2.202	13.4	20.3
2 11	10 49.21	+ 8 12.7	1.262	2.218	8.4	20.0
2 21	10 40.23	+ 9 27.8	1.248	2.234	2.9	19.7
3 2	10 30.62	+10 44.0	1.262	2.250	2.8	19.8
3 12	10 21.81	+11 51.6	1.302	2.266	8.1	20.1
3 22	10 14.96	+12 43.7	1.367	2.282	12.8	20.4
4 1	10 10.84	+13 16.7	1.453	2.298	16.8	20.7
215546 2002 XF_{51}			2 26.5 167°.65		6°.5/18.8 17	
1 22	11 3.41	+27 59.1	2.422	3.243	11.1	21.2
2 1	10 57.57	+29 27.7	2.361	3.249	8.8	21.0
2 11	10 49.67	+30 52.3	2.327	3.254	7.0	20.9
2 21	10 40.35	+32 4.9	2.321	3.259	6.5	20.9
3 2	10 30.50	+32 59.0	2.344	3.262	7.7	21.0
3 12	10 21.12	+33 30.4	2.395	3.265	9.8	21.1
3 22	10 13.08	+33 38.7	2.470	3.267	12.1	21.3
4 1	10 7.05	+33 25.7	2.565	3.268	14.1	21.4
15523 Grenville			2 26.5 181°.88		3°.5/22.5 18	
1 22	10 58.68	+17 8.6	2.400	3.223	11.1	18.5
2 1	10 53.94	+18 16.4	2.322	3.224	8.3	18.3
2 11	10 47.38	+19 28.4	2.271	3.224	5.4	18.2
2 21	10 39.54	+20 38.4	2.249	3.224	3.5	18.0
3 2	10 31.18	+21 40.0	2.257	3.223	4.7	18.1
3 12	10 23.17	+22 28.0	2.294	3.222	7.5	18.3
3 22	10 16.29	+22 59.6	2.358	3.221	10.4	18.5
4 1	10 11.16	+23 13.9	2.444	3.219	12.9	18.6
466794 2015 BT_{45}			2 26.5 73°.37		1°.4/25.3 18	
1 22	11 1.05	+10 55.6	1.846	2.666	14.1	21.6
2 1	10 55.97	+11 24.2	1.783	2.683	10.5	21.4
2 11	10 48.71	+12 1.4	1.744	2.700	6.5	21.2
2 21	10 40.01	+12 41.7	1.732	2.717	2.4	20.9
3 2	10 30.85	+13 19.1	1.749	2.734	2.9	21.0
3 12	10 22.32	+13 48.3	1.794	2.750	6.9	21.3
3 22	10 15.32	+14 5.8	1.865	2.767	10.7	21.5
4 1	10 10.49	+14 10.1	1.959	2.784	13.9	21.8
498925 2009 BT_{23}			2 26.5 30°.06		4°.3/ 1.3 17	
1 22	10 57.85	− 4 10.9	2.070	2.834	14.7	21.6
2 1	10 53.52	− 4 32.9	1.985	2.837	11.9	21.4
2 11	10 47.22	− 4 37.6	1.921	2.841	8.8	21.2
2 21	10 39.51	− 4 25.2	1.883	2.845	5.7	21.0
3 2	10 31.22	− 3 58.1	1.873	2.849	4.3	20.9
3 12	10 23.30	− 3 20.7	1.890	2.853	6.1	21.0
3 22	10 16.60	− 2 38.5	1.935	2.857	9.2	21.2
4 1	10 11.78	− 1 57.0	2.005	2.862	12.3	21.4
210552 1999 TA_{28}			2 26.5 149°.43		0°.6/25.9 18	
1 22	11 2.33	+ 8 8.2	2.010	2.816	13.7	21.3
2 1	10 56.87	+ 8 39.8	1.934	2.825	10.3	21.0
2 11	10 49.30	+ 9 22.3	1.881	2.834	6.4	20.8
2 21	10 40.25	+10 10.9	1.857	2.841	2.2	20.6
3 2	10 30.64	+10 59.8	1.862	2.849	2.3	20.6
3 12	10 21.53	+11 43.2	1.897	2.856	6.4	20.9
3 22	10 13.82	+12 16.7	1.959	2.862	10.2	21.1
4 1	10 8.18	+12 37.6	2.045	2.867	13.5	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
243543 2010 JB_{29}			2 26.5 246°.40		1°.2/27.9 17	
	h m	° ′			°	m
1 22	10 54.35	+ 1 6.2	2.389	3.175	12.3	20.8
2 1	10 50.69	+ 1 48.4	2.295	3.171	9.6	20.6
2 11	10 45.35	+ 2 46.1	2.225	3.167	6.4	20.4
2 21	10 38.83	+ 3 56.0	2.183	3.163	2.9	20.2
3 2	10 31.80	+ 5 13.2	2.171	3.159	1.7	20.1
3 12	10 25.03	+ 6 31.4	2.189	3.155	5.1	20.3
3 22	10 19.24	+ 7 44.9	2.235	3.151	8.5	20.5
4 1	10 15.01	+ 8 48.7	2.307	3.147	11.5	20.7
163179 2002 CF_{252}			2 26.5 316°.84		0°.1/26.4 18	
1 22	11 2.18	+ 8 13.1	1.374	2.202	17.5	19.7
2 1	10 57.85	+ 8 12.6	1.291	2.194	13.5	19.4
2 11	10 50.49	+ 8 25.3	1.229	2.185	8.6	19.1
2 21	10 40.83	+ 8 47.3	1.192	2.177	3.1	18.8
3 2	10 30.11	+ 9 12.2	1.180	2.169	2.6	18.7
3 12	10 19.93	+ 9 33.2	1.195	2.161	8.3	19.0
3 22	10 11.67	+ 9 44.8	1.234	2.154	13.5	19.3
4 1	10 6.32	+ 9 43.8	1.293	2.147	17.9	19.5
11901 1991 PV_{11}			2 26.5 291°.58		1°.5/25.1 18	R
1 22	10 55.72	+ 6 44.8	1.558	2.386	15.9	17.4
2 1	10 52.75	+ 8 6.3	1.464	2.368	12.1	17.1
2 11	10 47.20	+ 9 49.7	1.392	2.350	7.5	16.8
2 21	10 39.65	+11 47.8	1.347	2.332	2.7	16.5
3 2	10 31.06	+13 49.8	1.329	2.314	3.6	16.5
3 12	10 22.75	+15 43.1	1.339	2.297	8.7	16.7
3 22	10 15.93	+17 17.8	1.374	2.279	13.6	17.0
4 1	10 11.56	+18 27.9	1.431	2.262	17.8	17.2
212987 2009 DO_{16}			2 26.5 33°.49		1°.2/25.4 18	
1 22	10 56.79	+ 9 29.7	1.691	2.519	14.8	20.3
2 1	10 52.94	+10 7.4	1.632	2.537	11.0	20.1
2 11	10 46.89	+10 56.0	1.597	2.554	6.8	19.9
2 21	10 39.38	+11 49.7	1.588	2.573	2.4	19.6
3 2	10 31.41	+12 41.4	1.606	2.592	2.9	19.7
3 12	10 24.07	+13 24.7	1.652	2.612	7.1	20.0
3 22	10 18.27	+13 55.2	1.724	2.632	11.0	20.3
4 1	10 14.64	+14 10.6	1.817	2.653	14.3	20.5
241516 2009 DD_{140}			2 26.5 48°.21		3°.1/ 1.0 18	
1 22	10 54.13	− 4 21.6	2.274	3.038	13.6	20.5
2 1	10 50.57	− 3 55.1	2.185	3.041	10.9	20.3
2 11	10 45.30	− 3 9.7	2.119	3.043	7.8	20.1
2 21	10 38.82	− 2 7.4	2.079	3.046	4.6	19.9
3 2	10 31.84	− 0 52.4	2.067	3.049	3.1	19.8
3 12	10 25.18	+ 0 29.0	2.086	3.052	5.2	20.0
3 22	10 19.56	+ 1 50.3	2.132	3.055	8.4	20.2
4 1	10 15.58	+ 3 5.5	2.204	3.059	11.4	20.3
371971 2008 FQ_{134}			2 26.5 297°.42		4°.4/ 1.2 17	
1 22	10 56.41	− 4 40.6	1.721	2.498	16.7	21.7
2 1	10 52.98	− 4 40.3	1.624	2.486	13.6	21.4
2 11	10 47.18	− 4 16.7	1.548	2.474	10.0	21.2
2 21	10 39.60	− 3 30.3	1.497	2.463	6.3	20.9
3 2	10 31.14	− 2 24.7	1.471	2.451	4.4	20.8
3 12	10 22.97	− 1 7.0	1.473	2.440	6.9	20.9
3 22	10 16.17	+ 0 14.2	1.501	2.429	10.9	21.1
4 1	10 11.59	+ 1 30.4	1.552	2.418	14.8	21.3
402919 2007 TK_{140}			2 26.5 129°.44		1°.2/25.4 18	
1 22	11 2.63	+ 9 20.3	1.937	2.747	13.9	21.9
2 1	10 57.12	+10 6.1	1.868	2.763	10.4	21.7
2 11	10 49.44	+11 2.4	1.824	2.778	6.4	21.5
2 21	10 40.30	+12 3.5	1.808	2.793	2.3	21.3
3 2	10 30.65	+13 2.5	1.822	2.807	2.8	21.3
3 12	10 21.57	+13 53.0	1.865	2.820	6.8	21.6
3 22	10 13.97	+14 30.9	1.934	2.832	10.6	21.9
4 1	10 8.51	+14 53.9	2.028	2.844	13.8	22.1
1236 Thaïs			2 26.5 142°.22		6°.4/20.4 18	
1 22	11 6.18	+25 48.8	2.075	2.898	12.6	16.6
2 1	10 59.80	+27 2.8	2.018	2.911	9.8	16.4
2 11	10 51.12	+28 13.0	1.987	2.924	7.4	16.3
2 21	10 40.89	+29 11.3	1.984	2.936	6.4	16.2
3 2	10 30.17	+29 50.4	2.010	2.946	7.6	16.3
3 12	10 20.13	+30 6.6	2.063	2.957	10.1	16.5
3 22	10 11.73	+29 59.7	2.140	2.966	12.7	16.7
4 1	10 5.64	+29 32.2	2.239	2.975	15.1	16.9
409941 2006 UC_{106}			2 26.5 128°.86		2°.3/24.2 18	
1 22	11 2.09	+13 15.5	2.141	2.956	12.6	22.2
2 1	10 56.53	+14 8.5	2.075	2.973	9.4	22.0
2 11	10 48.99	+15 8.0	2.034	2.989	5.8	21.8
2 21	10 40.12	+16 7.9	2.022	3.004	2.7	21.6
3 2	10 30.81	+17 1.8	2.041	3.019	3.6	21.7
3 12	10 22.03	+17 44.4	2.088	3.033	7.0	21.9
3 22	10 14.61	+18 12.6	2.163	3.046	10.3	22.2
4 1	10 9.17	+18 25.4	2.262	3.059	13.1	22.4

140100 2001 ST_{131} 2 26.5 129°.01 1°.3/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.50	+11 45.8	2.378	3.190	11.6	20.0
2 1	10 54.48	+12 6.6	2.299	3.194	8.7	19.8
2 11	10 47.67	+12 33.4	2.244	3.199	5.4	19.6
2 21	10 39.66	+13 2.4	2.219	3.203	2.0	19.4
3 2	10 31.19	+13 29.0	2.223	3.207	2.5	19.4
3 12	10 23.12	+13 49.4	2.257	3.211	5.9	19.7
3 22	10 16.20	+14 0.7	2.318	3.215	9.1	19.9
4 1	10 11.00	+14 1.4	2.404	3.219	11.9	20.1

18210 4529 *P–L* 2 26.5 184°.42 0°.6/25.7 18

1 22	10 57.28	+ 9 29.1	2.837	3.639	10.2	19.9
2 1	10 52.58	+ 9 54.8	2.749	3.639	7.7	19.7
2 11	10 46.40	+10 27.2	2.687	3.639	4.8	19.6
2 21	10 39.20	+11 3.3	2.653	3.638	1.7	19.3
3 2	10 31.58	+11 39.2	2.651	3.637	1.8	19.3
3 12	10 24.24	+12 11.0	2.679	3.636	4.9	19.6
3 22	10 17.80	+12 35.9	2.736	3.634	7.8	19.7
4 1	10 12.76	+12 51.9	2.818	3.632	10.4	19.9

340774 2006 SR_{353} 2 26.5 101°.34 5°.2/20.8 18

1 22	11 0.24	+25 0.7	2.465	3.290	10.8	20.5
2 1	10 55.02	+25 54.5	2.404	3.300	8.3	20.4
2 11	10 47.99	+26 45.4	2.369	3.309	6.1	20.2
2 21	10 39.76	+27 27.4	2.363	3.319	5.2	20.2
3 2	10 31.14	+27 55.4	2.385	3.328	6.2	20.3
3 12	10 23.02	+28 6.0	2.435	3.337	8.4	20.4
3 22	10 16.15	+27 58.8	2.511	3.346	10.8	20.6
4 1	10 11.09	+27 34.8	2.608	3.355	12.9	20.8

34063 Mariamakarova 2 26.5 204°.87 1°.9/24.9 18

1 22	11 3.63	+11 53.7	1.956	2.771	13.6	18.9
2 1	10 58.10	+12 32.2	1.869	2.766	10.3	18.6
2 11	10 50.23	+13 19.5	1.806	2.760	6.4	18.4
2 21	10 40.66	+14 9.9	1.770	2.754	2.6	18.1
3 2	10 30.34	+14 57.0	1.764	2.747	3.4	18.2
3 12	10 20.44	+15 34.5	1.788	2.739	7.4	18.4
3 22	10 11.95	+15 58.5	1.838	2.730	11.3	18.6
4 1	10 5.68	+16 7.2	1.911	2.721	14.7	18.8

409891 2006 SG_{394} 2 26.5 168°.16 7°.5/19.9 18

1 22	11 5.71	+27 52.9	1.893	2.722	13.4	21.5
2 1	10 59.79	+29 3.6	1.831	2.724	10.7	21.4
2 11	10 51.29	+30 9.1	1.793	2.726	8.3	21.2
2 21	10 41.01	+31 0.3	1.782	2.728	7.5	21.2
3 2	10 30.12	+31 29.4	1.798	2.729	8.8	21.3
3 12	10 19.92	+31 32.5	1.840	2.731	11.3	21.4
3 22	10 11.51	+31 10.0	1.906	2.731	14.1	21.6
4 1	10 5.63	+30 25.0	1.992	2.732	16.6	21.8

283490 2001 SZ_{116} 2 26.5 71°.64 3°.9/29.2 18

1 22	11 2.66	− 1 17.4	1.370	2.168	19.2	20.3
2 1	10 57.89	− 1 31.7	1.306	2.183	15.3	20.1
2 11	10 50.29	− 1 23.1	1.262	2.199	10.7	19.9
2 21	10 40.69	− 0 53.3	1.241	2.214	6.0	19.7
3 2	10 30.39	− 0 7.3	1.246	2.230	4.0	19.6
3 12	10 20.86	+ 0 46.6	1.277	2.245	7.5	19.8
3 22	10 13.31	+ 1 40.2	1.333	2.261	12.0	20.1
4 1	10 8.55	+ 2 26.3	1.411	2.276	16.0	20.4

503744 2016 LU_{34} 2 26.5 81°.23 4°.9/ 2.8 17

1 22	10 55.75	− 8 38.3	2.200	2.940	14.7	21.3
2 1	10 51.87	− 8 40.7	2.111	2.944	12.1	21.1
2 11	10 46.16	− 8 22.3	2.044	2.947	9.3	20.9
2 21	10 39.16	− 7 43.5	2.001	2.951	6.5	20.8
3 2	10 31.62	− 6 47.0	1.986	2.955	4.9	20.7
3 12	10 24.41	− 5 38.0	2.000	2.959	6.1	20.7
3 22	10 18.31	− 4 23.3	2.041	2.963	8.8	20.9
4 1	10 13.94	− 3 9.5	2.107	2.967	11.7	21.1

233907 2009 CA_{62} 2 26.5 66°.53 1°.8/28.6 18

1 22	10 54.36	− 0 58.7	2.209	2.991	13.4	20.2
2 1	10 50.74	− 0 12.9	2.130	3.002	10.4	20.0
2 11	10 45.39	+ 0 50.5	2.075	3.013	7.0	19.8
2 21	10 38.87	+ 2 8.0	2.047	3.024	3.5	19.6
3 2	10 31.89	+ 3 33.9	2.048	3.035	2.0	19.5
3 12	10 25.29	+ 5 1.3	2.078	3.046	5.2	19.7
3 22	10 19.78	+ 6 23.7	2.138	3.057	8.6	20.0
4 1	10 15.94	+ 7 35.7	2.222	3.068	11.7	20.2

156994 2003 MT_{11} 2 26.5 262°.29 1°.4/24.9 17

1 22	10 57.48	+ 9 11.9	2.255	3.066	12.2	20.5
2 1	10 53.33	+10 11.3	2.149	3.045	9.2	20.3
2 11	10 47.20	+11 22.8	2.068	3.022	5.7	20.0
2 21	10 39.59	+12 41.6	2.015	2.999	2.1	19.8
3 2	10 31.23	+14 1.0	1.992	2.976	2.8	19.8
3 12	10 23.04	+15 14.0	2.000	2.952	6.7	20.0
3 22	10 15.87	+16 15.1	2.035	2.928	10.4	20.1
4 1	10 10.48	+17 0.6	2.093	2.904	13.6	20.3

325716 2009 UZ_{102} 2 26.5 187°.71 5°.8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 4.77	+28 49.9	2.749	3.561	10.2	20.8
2 1	10 58.39	+29 52.1	2.678	3.561	8.1	20.7
2 11	10 50.12	+30 49.6	2.634	3.559	6.4	20.6
2 21	10 40.56	+31 36.2	2.619	3.557	5.9	20.5
3 2	10 30.51	+32 6.5	2.633	3.554	6.9	20.6
3 12	10 20.89	+32 17.5	2.676	3.550	8.8	20.7
3 22	10 12.50	+32 8.8	2.744	3.545	10.9	20.8
4 1	10 5.93	+31 42.2	2.835	3.540	12.8	21.0

98167 2000 SF_{86} 2 26.5 172°.23 4°.2/22.8 18

1 22	11 3.35	+17 25.0	1.862	2.690	13.7	19.6
2 1	10 57.95	+18 30.6	1.790	2.693	10.3	19.4
2 11	10 50.14	+19 41.0	1.742	2.696	6.7	19.2
2 21	10 40.62	+20 48.3	1.722	2.698	4.3	19.0
3 2	10 30.44	+21 44.3	1.731	2.699	5.6	19.1
3 12	10 20.80	+22 22.8	1.768	2.700	9.0	19.3
3 22	10 12.75	+22 40.9	1.830	2.700	12.5	19.5
4 1	10 7.02	+22 38.9	1.914	2.700	15.6	19.7

59504 1999 JY_9 2 26.5 238°.73 3°.7/22.2 18

1 22	10 56.64	+17 53.6	2.376	3.205	11.0	19.1
2 1	10 52.48	+19 0.5	2.297	3.201	8.3	18.9
2 11	10 46.52	+20 11.3	2.243	3.197	5.5	18.7
2 21	10 39.29	+21 19.7	2.219	3.192	3.7	18.6
3 2	10 31.53	+22 19.5	2.224	3.188	4.9	18.7
3 12	10 24.11	+23 5.4	2.257	3.184	7.7	18.8
3 22	10 17.78	+23 34.5	2.317	3.180	10.5	19.0
4 1	10 13.16	+23 46.1	2.399	3.175	13.1	19.2

388303 2006 SQ_{164} 2 26.5 92°.52 2°.2/28.9 18

1 22	10 56.73	− 0 37.8	2.503	3.274	12.3	21.3
2 1	10 52.27	− 0 25.6	2.427	3.291	9.6	21.1
2 11	10 46.24	+ 0 0.3	2.375	3.307	6.6	21.0
2 21	10 39.16	+ 0 37.7	2.350	3.323	3.6	20.8
3 2	10 31.70	+ 1 23.2	2.355	3.339	2.3	20.7
3 12	10 24.62	+ 2 12.0	2.389	3.355	4.7	20.9
3 22	10 18.57	+ 2 59.7	2.453	3.371	7.7	21.1
4 1	10 14.05	+ 3 42.2	2.542	3.386	10.4	21.3

406515 2007 VO_{197} 2 26.5 243°.44 2°.9/28.8 17

1 22	11 0.56	− 0 38.2	1.787	2.571	15.9	21.9
2 1	10 56.06	− 0 35.8	1.689	2.560	12.7	21.6
2 11	10 49.13	− 0 14.4	1.612	2.548	8.8	21.4
2 21	10 40.34	+ 0 24.6	1.561	2.536	4.8	21.1
3 2	10 30.65	+ 1 17.1	1.538	2.524	3.1	21.0
3 12	10 21.23	+ 2 16.5	1.543	2.510	6.6	21.1
3 22	10 13.21	+ 3 15.6	1.575	2.497	10.9	21.4
4 1	10 7.45	+ 4 7.9	1.630	2.483	14.9	21.6

39511 1985 SH_1 2 26.5 124°.59 0°.3/26.7 18

1 22	11 1.60	+ 5 4.0	1.811	2.615	15.0	19.8
2 1	10 56.51	+ 5 41.9	1.741	2.629	11.4	19.6
2 11	10 49.16	+ 6 34.8	1.693	2.643	7.2	19.4
2 21	10 40.26	+ 7 37.6	1.672	2.656	2.7	19.1
3 2	10 30.80	+ 8 43.7	1.680	2.669	2.0	19.1
3 12	10 21.90	+ 9 45.7	1.718	2.681	6.5	19.4
3 22	10 14.52	+10 37.7	1.782	2.692	10.6	19.7
4 1	10 9.36	+11 16.1	1.869	2.703	14.1	19.9

109479 2001 QR_{221} 2 26.5 81°.28 3°.1/29.6 18

1 22	10 57.27	− 4 6.0	1.761	2.538	16.4	19.5
2 1	10 53.29	− 3 24.9	1.690	2.555	13.0	19.3
2 11	10 47.16	− 2 19.8	1.641	2.572	9.1	19.1
2 21	10 39.54	− 0 54.4	1.617	2.589	5.1	18.9
3 2	10 31.39	+ 0 44.6	1.621	2.606	3.1	18.8
3 12	10 23.79	+ 2 27.9	1.655	2.623	6.1	19.1
3 22	10 17.63	+ 4 6.4	1.715	2.640	10.0	19.3
4 1	10 13.59	+ 5 32.9	1.800	2.656	13.5	19.6

505287 2012 VF_{86} 2 26.5 338°.54 9°.4/ 8.2 17

1 22	10 55.98	−22 3.0	2.354	2.997	16.1	21.1
2 1	10 52.16	−22 53.6	2.259	2.995	14.5	21.0
2 11	10 46.43	−23 19.9	2.182	2.993	12.6	20.8
2 21	10 39.31	−23 18.9	2.125	2.991	10.9	20.7
3 2	10 31.53	−22 49.6	2.092	2.989	9.7	20.6
3 12	10 24.00	−21 54.6	2.085	2.988	9.5	20.6
3 22	10 17.55	−20 39.3	2.102	2.986	10.5	20.7
4 1	10 12.86	−19 11.4	2.143	2.985	12.2	20.8

457371 2008 TR_{11} 2 26.5 166°.12 1°.4/25.3 18

1 22	11 2.76	+ 9 0.1	1.825	2.637	14.5	22.3
2 1	10 57.50	+ 9 53.8	1.747	2.643	11.0	22.1
2 11	10 49.86	+11 0.1	1.694	2.648	6.8	21.9
2 21	10 40.54	+12 12.7	1.668	2.652	2.4	21.6
3 2	10 30.55	+13 23.8	1.671	2.656	3.0	21.6
3 12	10 21.05	+14 25.9	1.703	2.658	7.4	21.9
3 22	10 13.08	+15 13.5	1.762	2.660	11.5	22.2
4 1	10 7.39	+15 44.1	1.844	2.661	14.9	22.4

377436 2004 TH_{244} 2 26.5 105°.95 3°.6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.88	− 5 0.0	2.150	2.908	14.4	21.2
2 1	10 53.41	− 4 48.8	2.072	2.922	11.6	21.0
2 11	10 47.09	− 4 18.4	2.017	2.937	8.4	20.8
2 21	10 39.50	− 3 30.5	1.987	2.951	5.2	20.7
3 2	10 31.44	− 2 29.0	1.986	2.965	3.7	20.6
3 12	10 23.80	− 1 19.9	2.014	2.979	5.6	20.7
3 22	10 17.36	− 0 9.7	2.071	2.992	8.7	21.0
4 1	10 12.73	+ 0 55.7	2.152	3.005	11.7	21.2

204912 2008 RH_{94} 2 26.5 212°.83 0°.1/26.5 18

1 22	11 2.92	+ 6 10.5	1.806	2.610	15.0	21.5
2 1	10 57.79	+ 6 42.8	1.714	2.603	11.5	21.3
2 11	10 50.17	+ 7 29.9	1.645	2.595	7.3	21.0
2 21	10 40.71	+ 8 27.3	1.603	2.587	2.7	20.7
3 2	10 30.39	+ 9 28.6	1.590	2.578	2.2	20.6
3 12	10 20.42	+10 26.3	1.606	2.567	7.0	20.9
3 22	10 11.92	+11 14.1	1.648	2.557	11.5	21.1
4 1	10 5.75	+11 48.1	1.714	2.545	15.3	21.3

498187 2007 TP_{295} 2 26.5 213°.90 1°.8/24.5 17

1 22	10 59.36	+13 21.7	2.720	3.530	10.4	22.7
2 1	10 54.28	+13 55.4	2.627	3.522	7.8	22.5
2 11	10 47.55	+14 34.2	2.560	3.514	4.8	22.3
2 21	10 39.67	+15 14.1	2.523	3.505	2.1	22.1
3 2	10 31.29	+15 50.6	2.516	3.496	2.8	22.1
3 12	10 23.17	+16 19.8	2.540	3.487	5.8	22.3
3 22	10 16.02	+16 38.9	2.592	3.476	8.8	22.5
4 1	10 10.39	+16 46.4	2.668	3.466	11.4	22.6

465149 2007 CG_{31} 2 26.5 300°.43 1°.4/25.2 17

1 22	10 56.06	+ 8 19.3	1.699	2.526	14.8	21.1
2 1	10 52.81	+ 9 17.4	1.603	2.507	11.2	20.8
2 11	10 47.16	+10 31.8	1.531	2.489	7.0	20.5
2 21	10 39.67	+11 56.7	1.485	2.470	2.5	20.2
3 2	10 31.25	+13 23.4	1.467	2.452	3.2	20.2
3 12	10 23.11	+14 42.6	1.476	2.434	8.0	20.4
3 22	10 16.34	+15 46.8	1.510	2.416	12.5	20.7
4 1	10 11.85	+16 31.4	1.567	2.399	16.4	20.9

156718 2002 TZ_{6} 2 26.5 74°.14 0°.6/26.0 18

1 22	11 2.57	+ 5 49.0	1.285	2.111	18.7	20.2
2 1	10 57.83	+ 6 47.7	1.235	2.137	14.1	20.0
2 11	10 50.21	+ 8 5.6	1.206	2.162	8.7	19.8
2 21	10 40.67	+ 9 34.0	1.202	2.187	3.0	19.5
3 2	10 30.59	+11 2.0	1.225	2.212	2.9	19.6
3 12	10 21.47	+12 19.0	1.274	2.237	8.3	20.0
3 22	10 14.48	+13 18.0	1.348	2.261	13.1	20.3
4 1	10 10.34	+13 55.9	1.442	2.285	17.0	20.6

53672 2000 DS_{71} 2 26.5 214°.21 0°.1/26.5 18

1 22	11 3.36	+ 6 34.6	1.799	2.604	15.0	20.0
2 1	10 58.13	+ 6 58.4	1.707	2.597	11.5	19.7
2 11	10 50.40	+ 7 36.0	1.639	2.590	7.4	19.5
2 21	10 40.81	+ 8 23.2	1.597	2.582	2.7	19.2
3 2	10 30.36	+ 9 13.9	1.585	2.573	2.2	19.1
3 12	10 20.29	+10 1.2	1.601	2.563	7.0	19.4
3 22	10 11.71	+10 39.5	1.644	2.553	11.4	19.6
4 1	10 5.47	+11 5.1	1.710	2.542	15.2	19.8

427113 2014 UD_{92} 2 26.5 125°.35 1°.2/27.8 18

1 22	11 0.20	+ 1 54.3	2.195	2.978	13.4	22.0
2 1	10 55.08	+ 2 27.4	2.121	2.996	10.3	21.8
2 11	10 48.10	+ 3 15.1	2.071	3.013	6.8	21.6
2 21	10 39.87	+ 4 13.8	2.049	3.029	3.0	21.4
3 2	10 31.20	+ 5 18.4	2.057	3.045	1.8	21.3
3 12	10 22.98	+ 6 22.6	2.096	3.060	5.4	21.6
3 22	10 16.01	+ 7 21.2	2.162	3.075	8.9	21.8
4 1	10 10.85	+ 8 9.9	2.254	3.089	12.0	22.0

258051 2001 NK_{18} 2 26.5 148°.77 10°.1/10.8 18

1 22	11 3.88	−29 30.4	2.853	3.398	15.1	21.0
2 1	10 57.83	−30 36.5	2.765	3.411	13.9	20.9
2 11	10 49.89	−31 19.5	2.695	3.424	12.6	20.8
2 21	10 40.55	−31 35.9	2.646	3.436	11.3	20.7
3 2	10 30.60	−31 23.8	2.619	3.446	10.4	20.6
3 12	10 20.91	−30 44.9	2.617	3.456	10.1	20.6
3 22	10 12.31	−29 43.4	2.640	3.466	10.6	20.7
4 1	10 5.46	−28 25.9	2.687	3.474	11.6	20.8

198934 2005 UR_{251} 2 26.5 59°.90 2°.9/28.6 18

1 22	11 0.19	− 0 10.3	1.302	2.112	19.4	20.6
2 1	10 56.23	− 0 2.4	1.236	2.123	15.3	20.3
2 11	10 49.37	+ 0 29.8	1.190	2.134	10.4	20.1
2 21	10 40.44	+ 1 23.2	1.167	2.144	5.3	19.8
3 2	10 30.73	+ 2 30.8	1.169	2.156	3.3	19.7
3 12	10 21.74	+ 3 42.8	1.197	2.167	7.6	20.0
3 22	10 14.73	+ 4 49.7	1.249	2.179	12.5	20.3
4 1	10 10.56	+ 5 44.1	1.323	2.190	16.8	20.6

521048 2015 DH_{236} 2 26.5 213°.16 2°.1/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.15	+ 0 48.6	2.323	3.102	12.9	21.1
2 1	10 53.61	+ 0 50.2	2.230	3.100	10.1	20.9
2 11	10 47.25	+ 1 5.3	2.161	3.097	6.9	20.7
2 21	10 39.60	+ 1 32.1	2.118	3.094	3.6	20.5
3 2	10 31.40	+ 2 7.4	2.105	3.091	2.3	20.4
3 12	10 23.49	+ 2 46.5	2.122	3.088	5.2	20.6
3 22	10 16.65	+ 3 25.0	2.166	3.084	8.6	20.8
4 1	10 11.50	+ 3 58.5	2.236	3.081	11.7	21.0

288524 2004 FU_{147} 2 26.5 329°.17 0°.4/26.3 17

1 22	11 7.41	+11 24.5	2.135	2.936	13.1	19.8
2 1	11 0.69	+10 56.7	2.043	2.931	10.0	19.5
2 11	10 51.75	+10 32.9	1.976	2.927	6.3	19.3
2 21	10 41.23	+10 10.7	1.939	2.923	2.3	19.0
3 2	10 30.08	+ 9 47.3	1.932	2.919	2.0	19.0
3 12	10 19.39	+ 9 20.6	1.956	2.916	6.2	19.3
3 22	10 10.12	+ 8 49.1	2.008	2.912	9.9	19.5
4 1	10 2.99	+ 8 12.2	2.086	2.909	13.2	19.7

393316 2014 AZ_{26} 2 26.5 2°.57 3°.9/29.7 17

1 22	10 57.18	− 1 57.1	1.871	2.654	15.4	20.2
2 1	10 53.26	− 2 24.7	1.787	2.653	12.4	20.0
2 11	10 47.21	− 2 35.3	1.724	2.653	8.9	19.8
2 21	10 39.62	− 2 29.5	1.686	2.654	5.5	19.6
3 2	10 31.38	− 2 9.7	1.675	2.655	4.0	19.5
3 12	10 23.53	− 1 40.4	1.691	2.657	6.3	19.6
3 22	10 17.00	− 1 7.2	1.734	2.660	9.9	19.9
4 1	10 12.50	− 0 35.5	1.800	2.663	13.2	20.1

65992 1998 KG_{49} 2 26.5 248°.43 4°.0/ 1.7 18

1 22	10 56.38	− 6 11.0	2.193	2.945	14.3	20.2
2 1	10 52.48	− 5 59.9	2.089	2.935	11.7	20.0
2 11	10 46.66	− 5 28.4	2.008	2.924	8.7	19.7
2 21	10 39.43	− 4 37.3	1.952	2.913	5.6	19.5
3 2	10 31.52	− 3 29.6	1.924	2.901	4.0	19.4
3 12	10 23.84	− 2 11.3	1.926	2.890	5.8	19.5
3 22	10 17.23	− 0 49.3	1.955	2.878	9.1	19.7
4 1	10 12.38	+ 0 29.4	2.010	2.866	12.3	19.8

423421 2005 PA_{9} 2 26.5 245°.69 0°.3/26.8 17

1 22	10 59.47	+ 6 51.0	2.769	3.559	10.7	22.1
2 1	10 54.37	+ 6 56.1	2.663	3.545	8.2	21.9
2 11	10 47.64	+ 7 9.0	2.583	3.530	5.3	21.7
2 21	10 39.74	+ 7 27.5	2.531	3.514	2.0	21.5
3 2	10 31.29	+ 7 48.4	2.510	3.498	1.5	21.4
3 12	10 23.04	+ 8 8.4	2.520	3.482	4.8	21.6
3 22	10 15.69	+ 8 24.4	2.559	3.465	8.0	21.8
4 1	10 9.80	+ 8 34.1	2.624	3.448	10.8	22.0

496361 2013 RN_{17} 2 26.5 208°.09 1°.8/28.1 17

1 22	11 0.97	+ 2 12.1	2.215	2.997	13.3	22.3
2 1	10 55.84	+ 2 14.4	2.119	2.992	10.4	22.1
2 11	10 48.72	+ 2 29.9	2.047	2.987	7.0	21.9
2 21	10 40.16	+ 2 56.5	2.003	2.981	3.4	21.6
3 2	10 30.95	+ 3 30.7	1.988	2.975	2.1	21.5
3 12	10 22.04	+ 4 7.8	2.003	2.968	5.5	21.7
3 22	10 14.29	+ 4 43.0	2.046	2.961	9.2	21.9
4 1	10 8.39	+ 5 12.2	2.113	2.953	12.5	22.1

134182 2005 CS_{29} 2 26.5 319°.37 1°.8/24.8 17

1 22	10 57.82	+11 32.8	2.032	2.855	12.9	20.8
2 1	10 53.60	+12 14.9	1.952	2.853	9.7	20.6
2 11	10 47.35	+13 5.8	1.895	2.852	6.0	20.3
2 21	10 39.66	+14 0.0	1.866	2.850	2.4	20.1
3 2	10 31.38	+14 51.4	1.866	2.849	3.2	20.1
3 12	10 23.50	+15 33.9	1.895	2.848	6.9	20.4
3 22	10 16.89	+16 3.7	1.950	2.847	10.6	20.6
4 1	10 12.23	+16 18.7	2.028	2.846	13.7	20.8

204150 2003 YV_{114} 2 26.5 59°.49 1°.7/24.9 18

1 22	10 58.36	+11 7.9	1.926	2.749	13.5	20.0
2 1	10 53.92	+11 53.0	1.866	2.767	10.0	19.8
2 11	10 47.45	+12 46.6	1.830	2.786	6.2	19.6
2 21	10 39.65	+13 42.9	1.821	2.805	2.4	19.4
3 2	10 31.43	+14 35.4	1.841	2.825	3.1	19.5
3 12	10 23.78	+15 18.2	1.890	2.844	6.9	19.8
3 22	10 17.54	+15 47.8	1.965	2.863	10.4	20.0
4 1	10 13.30	+16 2.5	2.063	2.883	13.5	20.2

135616 2002 JJ_{39} 2 26.5 278°.74 1°.4/25.4 17

1 22	10 59.48	+ 8 57.7	1.633	2.458	15.4	20.9
2 1	10 55.56	+ 9 42.9	1.536	2.438	11.7	20.6
2 11	10 49.00	+10 43.3	1.462	2.418	7.4	20.3
2 21	10 40.38	+11 53.2	1.413	2.398	2.7	19.9
3 2	10 30.71	+13 4.5	1.392	2.378	3.3	19.9
3 12	10 21.31	+14 8.2	1.399	2.358	8.3	20.2
3 22	10 13.40	+14 57.4	1.431	2.337	13.0	20.4
4 1	10 7.96	+15 27.9	1.484	2.316	17.1	20.6

228383 2000 WO_{187} 2 26.5 163°.73 5°.4/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.86	−12 9.8	2.809	3.502	12.8	21.4
2 1	10 54.59	−12 27.9	2.714	3.509	10.8	21.3
2 11	10 47.74	−12 28.5	2.642	3.516	8.6	21.1
2 21	10 39.76	−12 11.0	2.595	3.521	6.5	21.0
3 2	10 31.32	−11 36.7	2.577	3.527	5.4	20.9
3 12	10 23.14	−10 48.9	2.588	3.531	6.0	21.0
3 22	10 15.89	− 9 52.3	2.629	3.534	7.8	21.1
4 1	10 10.13	− 8 52.2	2.696	3.537	10.0	21.2

492785 2014 QU_{228} 2 26.5 193°.65 0°.4/26.8 17

1 22	11 1.69	+ 5 9.9	2.037	2.834	13.8	22.9
2 1	10 56.54	+ 5 39.5	1.947	2.832	10.6	22.7
2 11	10 49.23	+ 6 22.7	1.881	2.829	6.8	22.4
2 21	10 40.36	+ 7 15.7	1.842	2.826	2.6	22.2
3 2	10 30.81	+ 8 13.0	1.833	2.822	1.9	22.1
3 12	10 21.62	+ 9 8.1	1.854	2.817	6.2	22.4
3 22	10 13.72	+ 9 55.7	1.903	2.811	10.1	22.6
4 1	10 7.85	+10 31.8	1.975	2.805	13.6	22.8

210144 2006 SZ_{56} 2 26.5 214°.11 0°.3/26.1 18

1 22	10 56.96	+ 7 53.7	2.885	3.682	10.2	21.7
2 1	10 52.40	+ 8 22.5	2.788	3.675	7.7	21.5
2 11	10 46.36	+ 8 59.3	2.717	3.667	4.8	21.3
2 21	10 39.27	+ 9 41.1	2.675	3.659	1.7	21.1
3 2	10 31.73	+10 24.1	2.664	3.651	1.6	21.0
3 12	10 24.41	+11 4.2	2.683	3.642	4.8	21.3
3 22	10 17.94	+11 38.0	2.732	3.633	7.7	21.4
4 1	10 12.83	+12 3.2	2.806	3.623	10.3	21.6

500780 2013 EN_{16} 2 26.5 268°.31 1°.4/25.4 17

1 22	10 59.12	+ 8 14.6	1.605	2.430	15.6	22.0
2 1	10 55.29	+ 9 9.7	1.513	2.415	11.9	21.7
2 11	10 48.82	+10 21.7	1.443	2.399	7.5	21.4
2 21	10 40.33	+11 44.4	1.399	2.384	2.7	21.1
3 2	10 30.83	+13 8.8	1.382	2.368	3.3	21.1
3 12	10 21.64	+14 25.1	1.394	2.352	8.3	21.4
3 22	10 13.98	+15 25.7	1.430	2.336	13.0	21.6
4 1	10 8.81	+16 6.3	1.487	2.319	17.1	21.8

72058 2000 YC_{15} 2 26.5 355°.71 0°.5/26.8 18

1 22	10 56.65	+ 4 48.4	1.306	2.138	18.1	19.2
2 1	10 53.70	+ 5 16.8	1.232	2.135	13.9	18.9
2 11	10 47.90	+ 6 5.8	1.178	2.133	9.0	18.6
2 21	10 39.98	+ 7 10.3	1.147	2.131	3.4	18.3
3 2	10 31.15	+ 8 21.7	1.142	2.131	2.5	18.2
3 12	10 22.89	+ 9 29.9	1.162	2.130	8.1	18.5
3 22	10 16.49	+10 26.3	1.206	2.131	13.2	18.8
4 1	10 12.85	+11 5.2	1.270	2.133	17.6	19.1

271470 2004 EA_{90} 2 26.5 258°.95 1°.4/25.0 17

1 22	10 56.61	+10 49.3	2.396	3.211	11.4	21.1
2 1	10 52.45	+11 29.7	2.305	3.203	8.6	20.9
2 11	10 46.54	+12 18.4	2.239	3.194	5.3	20.7
2 21	10 39.38	+13 10.8	2.202	3.186	2.0	20.5
3 2	10 31.66	+14 1.8	2.194	3.177	2.6	20.5
3 12	10 24.23	+14 46.3	2.215	3.169	6.1	20.7
3 22	10 17.83	+15 20.3	2.264	3.160	9.4	20.9
4 1	10 13.06	+15 41.7	2.337	3.151	12.3	21.1

170422 2003 UO_{75} 2 26.5 55°.71 2°.5/28.3 18

1 22	11 1.02	+ 1 40.0	1.490	2.295	17.6	19.9
2 1	10 56.58	+ 1 35.5	1.418	2.303	13.8	19.7
2 11	10 49.48	+ 1 49.8	1.368	2.312	9.3	19.4
2 21	10 40.49	+ 2 20.5	1.342	2.320	4.6	19.2
3 2	10 30.78	+ 3 2.3	1.342	2.329	2.9	19.1
3 12	10 21.69	+ 3 47.9	1.369	2.338	7.1	19.3
3 22	10 14.38	+ 4 30.4	1.422	2.347	11.6	19.6
4 1	10 9.65	+ 5 4.1	1.496	2.356	15.6	19.9

453301 2008 UH_{197} 2 26.5 249°.65 5°.8/21.9 17

1 22	11 3.80	+19 36.5	1.596	2.434	15.1	21.3
2 1	10 58.95	+20 51.2	1.514	2.421	11.5	21.0
2 11	10 51.18	+22 11.4	1.455	2.407	7.9	20.8
2 21	10 41.18	+23 27.0	1.422	2.393	5.8	20.6
3 2	10 30.15	+24 27.5	1.416	2.378	7.4	20.7
3 12	10 19.58	+25 4.8	1.437	2.363	11.2	20.8
3 22	10 10.80	+25 15.6	1.481	2.348	15.1	21.0
4 1	10 4.80	+25 0.8	1.545	2.332	18.7	21.2

313902 2004 NE_{12} 2 26.5 201°.56 4°.6/21.1 17

1 22	10 59.50	+20 6.3	2.295	3.123	11.4	21.2
2 1	10 54.78	+21 30.8	2.218	3.119	8.7	21.0
2 11	10 48.07	+22 58.3	2.166	3.115	6.0	20.8
2 21	10 39.95	+24 21.3	2.144	3.110	4.6	20.7
3 2	10 31.21	+25 32.5	2.151	3.105	6.0	20.8
3 12	10 22.81	+26 26.1	2.187	3.099	8.7	20.9
3 22	10 15.60	+26 59.3	2.248	3.093	11.5	21.1
4 1	10 10.27	+27 12.0	2.332	3.086	14.0	21.3

303242 2004 PM_{100} 2 26.5 171°.49 2°.4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.96	+12 45.8	1.881	2.698	14.0	21.7
2 1	10 58.38	+13 32.8	1.803	2.702	10.5	21.5
2 11	10 50.43	+14 28.0	1.750	2.705	6.5	21.3
2 21	10 40.81	+15 25.2	1.725	2.708	2.9	21.0
3 2	10 30.52	+16 17.0	1.729	2.710	3.8	21.1
3 12	10 20.75	+16 57.3	1.762	2.711	7.8	21.3
3 22	10 12.51	+17 22.1	1.822	2.711	11.6	21.6
4 1	10 6.55	+17 30.3	1.904	2.711	14.9	21.8

147549 2004 EO_{61} 2 26.5 146°.45 2°.0/28.6 18

1 22	10 58.36	− 1 3.3	2.076	2.853	14.2	20.7
2 1	10 53.92	− 0 24.3	1.993	2.862	11.2	20.5
2 11	10 47.51	+ 0 33.4	1.933	2.869	7.6	20.3
2 21	10 39.74	+ 1 46.4	1.900	2.877	3.8	20.0
3 2	10 31.41	+ 3 9.1	1.897	2.884	2.2	19.9
3 12	10 23.48	+ 4 34.2	1.923	2.890	5.6	20.2
3 22	10 16.78	+ 5 54.7	1.978	2.896	9.3	20.4
4 1	10 11.95	+ 7 4.8	2.057	2.901	12.6	20.6

136573 1981 EJ_{14} 2 26.5 337°.85 1°.5/27.5 18

1 22	11 1.14	+ 4 50.0	1.489	2.305	17.1	19.5
2 1	10 56.84	+ 4 37.8	1.407	2.300	13.3	19.2
2 11	10 49.77	+ 4 40.7	1.346	2.295	8.8	18.9
2 21	10 40.66	+ 4 56.0	1.309	2.291	3.8	18.6
3 2	10 30.63	+ 5 19.2	1.298	2.287	2.4	18.5
3 12	10 21.10	+ 5 44.0	1.315	2.283	7.4	18.8
3 22	10 13.32	+ 6 4.7	1.356	2.280	12.2	19.1
4 1	10 8.18	+ 6 16.8	1.419	2.278	16.3	19.3

465925 2010 WD_{29} 2 26.5 40°.26 10°.2/17.7 16

1 22	11 0.11	+28 26.1	1.329	2.185	16.4	20.4
2 1	10 56.28	+30 36.3	1.299	2.205	13.1	20.3
2 11	10 49.37	+32 37.3	1.292	2.226	10.7	20.2
2 21	10 40.43	+34 14.8	1.308	2.248	10.3	20.2
3 2	10 30.93	+35 18.0	1.349	2.270	12.0	20.4
3 12	10 22.50	+35 42.7	1.413	2.293	14.7	20.6
3 22	10 16.33	+35 31.2	1.496	2.316	17.5	20.8
4 1	10 13.14	+34 49.3	1.595	2.340	19.8	21.1

73010 2002 EU_{43} 2 26.5 271°.24 1°.7/27.9 18

1 22	10 58.02	+ 1 10.1	1.609	2.413	16.6	19.6
2 1	10 54.38	+ 1 39.4	1.517	2.402	13.0	19.4
2 11	10 48.21	+ 2 30.4	1.446	2.391	8.7	19.1
2 21	10 40.10	+ 3 39.8	1.400	2.380	4.0	18.8
3 2	10 31.06	+ 5 1.2	1.381	2.369	2.4	18.6
3 12	10 22.35	+ 6 25.3	1.390	2.358	7.0	18.9
3 22	10 15.14	+ 7 43.1	1.424	2.347	11.8	19.1
4 1	10 10.32	+ 8 47.6	1.481	2.336	16.0	19.4

243671 1999 VU_{148} 2 26.5 93°.77 0°.7/27.1 18

1 22	11 2.29	+ 4 41.2	1.693	2.498	15.8	20.9
2 1	10 57.12	+ 5 4.2	1.628	2.517	12.1	20.7
2 11	10 49.60	+ 5 42.4	1.586	2.535	7.7	20.5
2 21	10 40.49	+ 6 31.3	1.570	2.553	3.0	20.2
3 2	10 30.85	+ 7 24.5	1.583	2.571	2.0	20.2
3 12	10 21.87	+ 8 15.0	1.624	2.589	6.6	20.5
3 22	10 14.54	+ 8 57.2	1.691	2.606	10.8	20.8
4 1	10 9.54	+ 9 27.2	1.782	2.623	14.3	21.1

88768 2001 SG_{70} 2 26.5 159°.15 6°.4/20.1 18

1 22	11 2.35	+25 2.9	2.029	2.860	12.6	19.6
2 1	10 57.13	+26 21.7	1.965	2.864	9.8	19.4
2 11	10 49.61	+27 38.4	1.927	2.867	7.3	19.2
2 21	10 40.51	+28 44.4	1.917	2.870	6.4	19.2
3 2	10 30.82	+29 32.2	1.934	2.873	7.7	19.3
3 12	10 21.69	+29 57.1	1.979	2.876	10.3	19.4
3 22	10 14.09	+29 58.2	2.047	2.878	13.0	19.6
4 1	10 8.72	+29 37.4	2.136	2.880	15.5	19.8

170382 2003 SB_{285} 2 26.5 253°.50 3°.7/29.3 18

1 22	11 0.38	− 1 53.0	1.704	2.488	16.6	20.6
2 1	10 56.05	− 2 1.3	1.610	2.478	13.4	20.4
2 11	10 49.21	− 1 49.6	1.537	2.469	9.5	20.1
2 21	10 40.46	− 1 18.6	1.488	2.459	5.5	19.9
3 2	10 30.80	− 0 32.0	1.466	2.449	3.8	19.7
3 12	10 21.45	+ 0 24.0	1.472	2.439	6.9	19.9
3 22	10 13.56	+ 1 21.8	1.504	2.429	11.1	20.1
4 1	10 8.01	+ 2 14.4	1.559	2.419	15.1	20.3

402847 2007 QQ_{7} 2 26.5 170°.83 0°.2/26.7 18

1 22	11 4.11	+ 6 47.1	1.834	2.637	14.9	21.4
2 1	10 58.53	+ 6 59.8	1.752	2.640	11.4	21.1
2 11	10 50.56	+ 7 24.7	1.693	2.643	7.2	20.9
2 21	10 40.89	+ 7 57.9	1.661	2.645	2.7	20.6
3 2	10 30.51	+ 8 34.0	1.658	2.646	2.1	20.6
3 12	10 20.63	+ 9 7.2	1.684	2.647	6.7	20.8
3 22	10 12.28	+ 9 32.9	1.738	2.648	10.8	21.1
4 1	10 6.23	+ 9 47.8	1.814	2.648	14.4	21.3

266235 2006 XB_{23} 2 26.5 125°.33 0°.8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.42	+ 8 13.5	1.953	2.764	13.8	21.5
2 1	10 55.54	+ 8 55.3	1.881	2.775	10.4	21.2
2 11	10 48.56	+ 9 48.5	1.832	2.786	6.4	21.0
2 21	10 40.13	+10 47.8	1.811	2.796	2.2	20.8
3 2	10 31.17	+11 47.0	1.820	2.806	2.4	20.8
3 12	10 22.71	+12 39.4	1.857	2.816	6.6	21.1
3 22	10 15.64	+13 20.5	1.921	2.825	10.4	21.3
4 1	10 10.61	+13 47.4	2.009	2.834	13.6	21.6

130156 1999 XS_{225} 2 26.5 181°.17 1°.5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.14	+10 51.6	2.242	3.057	12.1	20.3
2 1	10 53.67	+11 34.1	2.159	3.057	9.1	20.1
2 11	10 47.33	+12 25.0	2.102	3.057	5.6	19.9
2 21	10 39.69	+13 19.5	2.073	3.057	2.2	19.7
3 2	10 31.51	+14 11.9	2.073	3.057	2.8	19.7
3 12	10 23.69	+14 56.8	2.103	3.057	6.3	19.9
3 22	10 17.03	+15 30.4	2.160	3.056	9.8	20.1
4 1	10 12.15	+15 50.4	2.241	3.055	12.7	20.3

170887 2004 RD_{249} 2 26.5 231°.70 15°.8/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.13	−27 4.1	1.446	2.098	24.5	20.1
2 1	10 56.70	−28 33.3	1.361	2.093	22.6	20.0
2 11	10 50.09	−29 24.9	1.289	2.088	20.3	19.8
2 21	10 40.92	−29 29.8	1.232	2.082	18.1	19.6
3 2	10 30.39	−28 41.9	1.193	2.076	16.4	19.5
3 12	10 20.16	−27 2.9	1.174	2.070	15.8	19.4
3 22	10 11.82	−24 42.6	1.176	2.064	16.7	19.4
4 1	10 6.57	−21 56.7	1.199	2.057	18.8	19.5

245430 2005 JM_{108} 2 26.5 200°.00 1°.1/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.37	+ 1 46.1	2.597	3.379	11.6	21.5
2 1	10 51.37	+ 2 21.7	2.502	3.377	9.0	21.3
2 11	10 45.80	+ 3 10.6	2.433	3.374	5.9	21.1
2 21	10 39.13	+ 4 10.0	2.392	3.372	2.7	20.9
3 2	10 31.98	+ 5 15.6	2.380	3.368	1.6	20.8
3 12	10 25.09	+ 6 22.0	2.400	3.365	4.7	21.0
3 22	10 19.11	+ 7 24.4	2.448	3.362	7.9	21.2
4 1	10 14.58	+ 8 18.5	2.522	3.358	10.8	21.4

502015 2015 AL_{70} 2 26.5 31°.84 5°.6/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.48	+20 2.1	1.797	2.639	13.4	21.2
2 1	10 53.69	+21 39.4	1.733	2.642	10.2	21.0
2 11	10 47.58	+23 20.3	1.694	2.645	7.1	20.8
2 21	10 39.83	+24 55.0	1.681	2.648	5.6	20.7
3 2	10 31.43	+26 14.1	1.697	2.652	7.2	20.8
3 12	10 23.54	+27 10.5	1.739	2.655	10.3	21.0
3 22	10 17.16	+27 41.5	1.806	2.659	13.5	21.2
4 1	10 13.02	+27 47.6	1.892	2.663	16.3	21.4

402939 2007 TP_{262} 2 26.5 159°.65 0°.8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.61	+ 8 39.0	2.024	2.830	13.6	22.7
2 1	10 57.17	+ 9 16.7	1.945	2.837	10.2	22.5
2 11	10 49.59	+10 5.2	1.891	2.843	6.4	22.2
2 21	10 40.52	+10 59.3	1.865	2.849	2.2	22.0
3 2	10 30.87	+11 53.2	1.868	2.855	2.4	22.0
3 12	10 21.69	+12 40.5	1.902	2.859	6.5	22.3
3 22	10 13.88	+13 17.0	1.962	2.863	10.3	22.5
4 1	10 8.14	+13 40.0	2.047	2.866	13.6	22.7

412138 2013 GG_{52} 2 26.5 208°.20 6°.0/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.12	+24 24.9	2.186	3.012	12.0	21.8
2 1	10 57.70	+25 49.4	2.109	3.005	9.3	21.6
2 11	10 50.02	+27 13.6	2.059	2.998	7.0	21.5
2 21	10 40.72	+28 29.1	2.036	2.990	6.1	21.4
3 2	10 30.71	+29 28.0	2.043	2.982	7.4	21.5
3 12	10 21.09	+30 5.0	2.078	2.972	10.0	21.6
3 22	10 12.86	+30 18.3	2.137	2.962	12.7	21.8
4 1	10 6.75	+30 9.2	2.217	2.951	15.2	21.9

325405 2009 HE_{83} 2 26.5 330°.37 8°.9/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 53.36	−18 1.6	1.144	1.893	25.1	20.1
2 1	10 51.74	−17 23.2	1.060	1.889	21.7	19.9
2 11	10 46.99	−15 50.2	0.990	1.885	17.5	19.6
2 21	10 39.79	−13 18.2	0.939	1.882	12.9	19.3
3 2	10 31.41	− 9 51.8	0.910	1.879	9.3	19.1
3 12	10 23.53	− 5 49.2	0.908	1.876	9.8	19.1
3 22	10 17.68	− 1 36.9	0.930	1.874	14.0	19.3
4 1	10 14.95	+ 2 19.0	0.977	1.872	18.9	19.6

353466 2011 SE_{4} 2 26.5 225°.23 6°.3/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.98	−15 34.0	2.914	3.587	12.8	21.2
2 1	10 52.54	−16 1.8	2.805	3.577	11.1	21.1
2 11	10 46.55	−16 11.7	2.716	3.568	9.2	20.9
2 21	10 39.43	−16 2.3	2.652	3.558	7.4	20.8
3 2	10 31.75	−15 34.0	2.616	3.548	6.4	20.7
3 12	10 24.24	−14 49.3	2.607	3.537	6.6	20.7
3 22	10 17.53	−13 52.4	2.627	3.526	8.1	20.8
4 1	10 12.21	−12 48.7	2.672	3.514	10.1	20.9

272891 2006 BW_{122} 2 26.5 179°.60 0°.1/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.64	+ 6 13.9	2.207	3.010	12.7	21.0
2 1	10 53.33	+ 6 53.4	2.121	3.011	9.6	20.8
2 11	10 47.15	+ 7 45.0	2.060	3.011	6.1	20.5
2 21	10 39.65	+ 8 44.7	2.027	3.011	2.2	20.3
3 2	10 31.60	+ 9 46.8	2.024	3.011	1.9	20.3
3 12	10 23.90	+10 45.4	2.050	3.011	5.8	20.5
3 22	10 17.33	+11 35.4	2.103	3.010	9.4	20.7
4 1	10 12.53	+12 13.5	2.181	3.010	12.5	20.9

120647 1996 SZ_{3} 2 26.5 206°.42 0°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.76	+ 9 46.9	2.494	3.296	11.4	21.1
2 1	10 55.51	+10 19.6	2.399	3.289	8.6	20.9
2 11	10 48.46	+11 0.4	2.330	3.282	5.4	20.7
2 21	10 40.12	+11 45.5	2.290	3.275	1.9	20.4
3 2	10 31.21	+12 30.0	2.281	3.266	2.2	20.4
3 12	10 22.58	+13 9.2	2.302	3.257	5.7	20.6
3 22	10 14.99	+13 39.5	2.352	3.247	9.1	20.8
4 1	10 9.07	+13 58.6	2.426	3.237	12.0	21.0

121270 1999 RT_{113} 2 26.5 176°.22 2°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.47	+ 0 39.3	2.143	2.925	13.7	20.3
2 1	10 54.00	+ 0 50.6	2.054	2.926	10.7	20.1
2 11	10 47.60	+ 1 17.3	1.989	2.927	7.3	19.9
2 21	10 39.83	+ 1 57.0	1.951	2.928	3.7	19.6
3 2	10 31.47	+ 2 45.6	1.941	2.928	2.3	19.5
3 12	10 23.46	+ 3 37.7	1.961	2.928	5.5	19.7
3 22	10 16.62	+ 4 27.6	2.009	2.928	9.1	20.0
4 1	10 11.60	+ 5 10.8	2.081	2.927	12.4	20.2

371146 2005 XR_{21} 2 26.5 207°.53 1°.2/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.51	+ 2 52.0	2.354	3.138	12.6	22.3
2 1	10 54.67	+ 3 12.6	2.257	3.132	9.8	22.1
2 11	10 47.99	+ 3 46.3	2.184	3.126	6.4	21.9
2 21	10 39.97	+ 4 30.4	2.139	3.119	2.9	21.6
3 2	10 31.35	+ 5 20.8	2.124	3.112	1.7	21.5
3 12	10 23.00	+ 6 12.3	2.139	3.104	5.3	21.7
3 22	10 15.70	+ 6 59.9	2.182	3.095	8.8	21.9
4 1	10 10.12	+ 7 39.6	2.251	3.086	12.0	22.1

468049 2013 RK_{23} 2 26.5 124°.00 2°.9/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.52	− 3 31.7	2.305	3.066	13.5	22.0
2 1	10 53.09	− 3 12.3	2.223	3.078	10.8	21.9
2 11	10 46.92	− 2 35.5	2.165	3.089	7.6	21.7
2 21	10 39.55	− 1 43.3	2.133	3.101	4.5	21.5
3 2	10 31.72	− 0 39.7	2.130	3.112	3.0	21.4
3 12	10 24.27	+ 0 29.4	2.157	3.122	5.2	21.6
3 22	10 17.92	+ 1 38.2	2.212	3.133	8.3	21.8
4 1	10 13.24	+ 2 41.4	2.293	3.143	11.3	22.0

378763 2008 RX_{121} 2 26.5 179°.55 2°.2/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.36	− 0 55.4	2.309	3.082	13.1	22.1
2 1	10 53.05	− 0 34.2	2.218	3.083	10.3	21.9
2 11	10 46.95	+ 0 3.0	2.150	3.084	7.1	21.7
2 21	10 39.59	+ 0 53.9	2.109	3.084	3.8	21.5
3 2	10 31.69	+ 1 54.4	2.098	3.084	2.4	21.4
3 12	10 24.09	+ 2 58.9	2.117	3.083	5.2	21.6
3 22	10 17.56	+ 4 1.7	2.164	3.083	8.6	21.8
4 1	10 12.70	+ 4 57.8	2.236	3.081	11.6	22.0

88744 2001 SJ_{49} 2 26.5 167°.75 1°.3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.66	+ 9 41.3	2.042	2.856	13.2	20.2
2 1	10 54.99	+10 28.6	1.962	2.859	9.9	20.0
2 11	10 48.26	+11 26.4	1.907	2.861	6.1	19.8
2 21	10 40.07	+12 29.3	1.879	2.864	2.2	19.5
3 2	10 31.30	+13 30.7	1.881	2.865	2.8	19.6
3 12	10 22.94	+14 24.3	1.912	2.867	6.7	19.8
3 22	10 15.87	+15 5.5	1.970	2.868	10.4	20.0
4 1	10 10.77	+15 31.8	2.051	2.868	13.6	20.2

273084 2006 EF_{20} 2 26.5 61°.09 1°.2/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.71	+ 3 4.6	1.877	2.679	14.6	21.1
2 1	10 53.63	+ 3 27.6	1.799	2.685	11.3	20.9
2 11	10 47.45	+ 4 6.4	1.744	2.690	7.4	20.7
2 21	10 39.79	+ 4 57.4	1.715	2.697	3.2	20.4
3 2	10 31.54	+ 5 54.9	1.714	2.703	1.9	20.4
3 12	10 23.74	+ 6 52.4	1.742	2.709	6.0	20.6
3 22	10 17.29	+ 7 43.7	1.796	2.715	10.0	20.9
4 1	10 12.86	+ 8 24.5	1.875	2.722	13.5	21.1

419815 2010 XB_{5} 2 26.5 86°.11 1°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.96	+ 9 34.4	1.735	2.557	14.8	21.8
2 1	10 55.46	+10 17.0	1.665	2.566	11.1	21.5
2 11	10 48.65	+11 11.2	1.619	2.575	6.9	21.3
2 21	10 40.23	+12 10.9	1.599	2.584	2.5	21.1
3 2	10 31.20	+13 8.7	1.607	2.592	3.0	21.1
3 12	10 22.75	+13 57.8	1.643	2.601	7.3	21.4
3 22	10 15.83	+14 33.3	1.705	2.610	11.4	21.6
4 1	10 11.18	+14 52.8	1.790	2.618	14.8	21.9

435957 2009 DT_{38} 2 26.5 251°.05 1°.2/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.02	+11 57.0	2.617	3.423	10.8	21.7
2 1	10 54.91	+12 12.1	2.518	3.411	8.2	21.5
2 11	10 48.07	+12 32.7	2.445	3.398	5.1	21.3
2 21	10 39.99	+12 55.2	2.401	3.385	1.9	21.1
3 2	10 31.37	+13 15.9	2.387	3.371	2.3	21.1
3 12	10 23.01	+13 31.1	2.404	3.358	5.6	21.3
3 22	10 15.63	+13 38.2	2.449	3.344	8.8	21.5
4 1	10 9.84	+13 35.7	2.519	3.330	11.6	21.6

113703 2002 TS_{126} 2 26.5 207°.62 2°.8/24.2 18

1 22	11 2.22	+11 35.9	1.595	2.422	15.6	20.4
2 1	10 57.59	+12 45.7	1.514	2.418	11.7	20.1
2 11	10 50.26	+14 8.9	1.457	2.414	7.3	19.9
2 21	10 40.89	+15 37.3	1.426	2.409	3.3	19.6
3 2	10 30.62	+17 0.7	1.423	2.403	4.6	19.7
3 12	10 20.81	+18 9.7	1.448	2.397	9.1	19.9
3 22	10 12.70	+18 58.5	1.497	2.390	13.5	20.1
4 1	10 7.17	+19 24.6	1.568	2.382	17.3	20.4

480103 2015 FK_{42} 2 26.5 296°.24 5°.9/20.7 17

1 22	11 1.96	+25 26.5	2.217	3.044	11.8	21.2
2 1	10 56.90	+26 17.1	2.123	3.019	9.3	21.0
2 11	10 49.59	+27 5.9	2.055	2.995	6.9	20.8
2 21	10 40.61	+27 45.7	2.013	2.970	5.9	20.6
3 2	10 30.86	+28 9.9	2.000	2.945	7.1	20.7
3 12	10 21.44	+28 14.0	2.015	2.920	9.7	20.8
3 22	10 13.32	+27 56.8	2.054	2.895	12.6	20.9
4 1	10 7.29	+27 19.3	2.115	2.870	15.3	21.1

360713 2004 TO_{102} 2 26.5 181°.91 4°.2/ 1.4 18

1 22	11 0.96	− 5 41.8	1.959	2.714	15.8	21.4
2 1	10 56.12	− 5 36.1	1.868	2.715	12.8	21.2
2 11	10 49.07	− 5 8.7	1.798	2.715	9.4	21.0
2 21	10 40.41	− 4 20.6	1.753	2.715	6.0	20.8
3 2	10 31.04	− 3 15.4	1.737	2.714	4.3	20.6
3 12	10 22.02	− 1 59.6	1.749	2.713	6.4	20.8
3 22	10 14.32	− 0 40.8	1.789	2.711	9.9	21.0
4 1	10 8.69	+ 0 33.6	1.854	2.708	13.3	21.2

423708 2006 BK_{3} 2 26.5 278°.55 1°.9/24.7 17

1 22	10 57.46	+10 42.9	1.946	2.769	13.3	21.5
2 1	10 53.57	+11 36.0	1.856	2.758	10.0	21.3
2 11	10 47.51	+12 40.4	1.790	2.746	6.3	21.0
2 21	10 39.86	+13 50.3	1.750	2.735	2.5	20.8
3 2	10 31.47	+14 58.4	1.740	2.723	3.4	20.8
3 12	10 23.40	+15 57.5	1.758	2.711	7.4	21.0
3 22	10 16.59	+16 42.5	1.802	2.700	11.3	21.2
4 1	10 11.81	+17 10.4	1.869	2.688	14.7	21.4

52549 1996 XB_{31} 2 26.5 29°.56 2°.6/23.5 18

1 22	10 55.56	+13 35.8	2.200	3.027	11.9	19.0
2 1	10 51.80	+14 41.6	2.125	3.029	8.8	18.8
2 11	10 46.20	+15 54.7	2.075	3.032	5.5	18.6
2 21	10 39.33	+17 9.1	2.053	3.034	2.8	18.5
3 2	10 31.94	+18 17.8	2.061	3.037	3.9	18.5
3 12	10 24.92	+19 15.0	2.097	3.039	7.1	18.7
3 22	10 19.05	+19 56.8	2.159	3.042	10.3	18.9
4 1	10 14.93	+20 21.4	2.245	3.045	13.1	19.1

208441 2001 TR_{125} 2 26.5 143°.39 0°.7/27.2 17

1 22	10 59.04	+ 5 24.4	2.651	3.439	11.2	21.3
2 1	10 54.01	+ 5 32.8	2.567	3.446	8.6	21.1
2 11	10 47.41	+ 5 50.2	2.508	3.453	5.5	20.9
2 21	10 39.73	+ 6 14.3	2.478	3.460	2.2	20.7
3 2	10 31.64	+ 6 41.5	2.478	3.466	1.5	20.7
3 12	10 23.88	+ 7 8.4	2.509	3.472	4.7	20.9
3 22	10 17.11	+ 7 31.4	2.568	3.478	7.8	21.1
4 1	10 11.85	+ 7 48.2	2.653	3.483	10.5	21.3

412073 2013 EB_{120} 2 26.5 300°.20 0°.5/26.9 16

1 22	10 59.81	+ 5 54.3	1.422	2.247	17.3	20.8
2 1	10 56.19	+ 6 5.9	1.328	2.227	13.4	20.5
2 11	10 49.64	+ 6 34.8	1.255	2.208	8.7	20.2
2 21	10 40.77	+ 7 17.2	1.205	2.190	3.4	19.8
3 2	10 30.70	+ 8 6.7	1.182	2.171	2.5	19.7
3 12	10 20.92	+ 8 54.8	1.185	2.152	8.1	20.0
3 22	10 12.85	+ 9 34.2	1.212	2.134	13.4	20.2
4 1	10 7.56	+ 9 59.3	1.260	2.117	18.1	20.5

496094 2009 SL_{327} 2 26.5 165°.83 4°.5/ 2.9 17

1 22	10 59.12	− 9 31.8	2.696	3.410	12.8	21.6
2 1	10 54.12	− 9 33.2	2.602	3.417	10.7	21.4
2 11	10 47.52	− 9 16.9	2.530	3.423	8.2	21.3
2 21	10 39.79	− 8 43.2	2.485	3.428	5.8	21.1
3 2	10 31.59	− 7 54.2	2.468	3.432	4.6	21.0
3 12	10 23.66	− 6 54.1	2.482	3.435	5.5	21.1
3 22	10 16.68	− 5 48.0	2.525	3.438	7.7	21.2
4 1	10 11.22	− 4 41.4	2.594	3.440	10.2	21.4

89791 2002 AG_{118} 2 26.5 85°.46 2°.7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.69	+11 17.3	1.527	2.354	16.2	19.8
2 1	10 58.35	+12 30.3	1.478	2.382	12.0	19.6
2 11	10 50.44	+13 54.0	1.453	2.410	7.4	19.4
2 21	10 40.85	+15 19.4	1.453	2.437	3.2	19.2
3 2	10 30.81	+16 36.6	1.482	2.463	4.3	19.3
3 12	10 21.63	+17 37.6	1.539	2.489	8.6	19.6
3 22	10 14.35	+18 18.4	1.621	2.514	12.6	19.9
4 1	10 9.65	+18 38.1	1.725	2.539	15.9	20.2

496090 2009 SW_{220} 2 26.5 157°.73 4°.2/ 2.1 16

1 22	11 0.70	− 7 6.5	2.604	3.332	12.9	22.8
2 1	10 55.34	− 7 17.4	2.514	3.340	10.6	22.6
2 11	10 48.29	− 7 12.0	2.446	3.349	8.0	22.4
2 21	10 40.07	− 6 50.7	2.405	3.356	5.5	22.3
3 2	10 31.37	− 6 15.5	2.394	3.363	4.2	22.2
3 12	10 22.98	− 5 30.1	2.413	3.369	5.4	22.3
3 22	10 15.60	− 4 39.6	2.460	3.374	7.9	22.5
4 1	10 9.81	− 3 48.7	2.535	3.379	10.5	22.6

502871 2015 DX_{205} 2 26.5 67°.68 2°.5/29.6 18

1 22	10 54.34	− 3 24.1	2.275	3.043	13.4	21.1
2 1	10 50.75	− 2 43.2	2.193	3.054	10.6	20.9
2 11	10 45.49	− 1 43.5	2.135	3.065	7.4	20.7
2 21	10 39.07	− 0 28.1	2.104	3.076	4.1	20.5
3 2	10 32.21	+ 0 58.0	2.102	3.087	2.6	20.4
3 12	10 25.70	+ 2 28.1	2.130	3.098	5.0	20.6
3 22	10 20.25	+ 3 55.4	2.186	3.109	8.3	20.8
4 1	10 16.41	+ 5 14.1	2.269	3.120	11.3	21.0

254608 2005 GL_{146} 2 26.5 348°.02 4°.7/ 2.4 18

1 22	10 55.12	− 7 22.8	2.077	2.829	15.0	20.3
2 1	10 51.61	− 7 21.6	1.985	2.828	12.4	20.1
2 11	10 46.18	− 6 59.1	1.915	2.826	9.3	19.9
2 21	10 39.37	− 6 15.7	1.869	2.825	6.3	19.7
3 2	10 31.94	− 5 14.6	1.850	2.823	4.7	19.6
3 12	10 24.83	− 4 1.5	1.860	2.822	6.1	19.7
3 22	10 18.86	− 2 43.4	1.896	2.822	9.2	19.9
4 1	10 14.69	− 1 27.5	1.958	2.821	12.3	20.0

11639 1997 AO_{4} 2 26.5 207°.39 1°.5/24.9 18

1 22	10 58.23	+10 15.1	2.200	3.014	12.3	18.2
2 1	10 53.84	+11 6.1	2.114	3.011	9.3	18.0
2 11	10 47.53	+12 6.8	2.052	3.007	5.7	17.8
2 21	10 39.85	+13 12.1	2.019	3.003	2.2	17.6
3 2	10 31.57	+14 15.9	2.016	2.999	2.9	17.6
3 12	10 23.62	+15 12.0	2.041	2.994	6.5	17.8
3 22	10 16.82	+15 55.8	2.095	2.989	10.0	18.0
4 1	10 11.84	+16 25.0	2.171	2.984	13.1	18.2

496337 2013 PR_{23} 2 26.5 222°.13 1°.4/27.8 17

1 22	10 58.79	+ 2 32.1	2.013	2.806	14.1	22.4
2 1	10 54.44	+ 2 51.0	1.922	2.802	11.0	22.1
2 11	10 48.00	+ 3 25.3	1.854	2.797	7.3	21.9
2 21	10 40.04	+ 4 12.1	1.812	2.792	3.3	21.6
3 2	10 31.42	+ 5 6.5	1.799	2.788	2.0	21.5
3 12	10 23.12	+ 6 2.3	1.816	2.782	5.9	21.8
3 22	10 16.06	+ 6 53.6	1.859	2.777	9.8	22.0
4 1	10 10.96	+ 7 35.9	1.927	2.771	13.3	22.2

37224 2000 WH_{142} 2 26.5 227°.20 0°.7/25.8 18

1 22	10 57.04	+ 6 12.3	2.210	3.015	12.6	18.7
2 1	10 52.99	+ 7 19.9	2.115	3.006	9.6	18.4
2 11	10 47.05	+ 8 42.0	2.045	2.997	6.0	18.2
2 21	10 39.70	+10 13.7	2.003	2.988	2.1	17.9
3 2	10 31.70	+11 47.8	1.991	2.978	2.3	17.9
3 12	10 23.95	+13 16.7	2.010	2.968	6.2	18.2
3 22	10 17.28	+14 34.3	2.057	2.957	9.9	18.4
4 1	10 12.37	+15 36.2	2.128	2.946	13.2	18.6

394032 2005 WQ_{39} 2 26.5 128°.68 3°.6/23.7 18

1 22	11 4.10	+14 33.3	1.577	2.408	15.6	21.3
2 1	10 58.85	+15 37.2	1.513	2.419	11.6	21.0
2 11	10 50.92	+16 49.2	1.473	2.429	7.4	20.8
2 21	10 41.12	+18 0.6	1.458	2.439	3.9	20.6
3 2	10 30.64	+19 2.2	1.472	2.448	5.2	20.7
3 12	10 20.87	+19 46.5	1.513	2.457	9.2	21.0
3 22	10 12.95	+20 9.9	1.579	2.465	13.3	21.2
4 1	10 7.65	+20 12.3	1.666	2.473	16.7	21.5

329053 2011 AN_{59} 2 26.5 249°.88 0°.3/26.3 17

1 22	10 59.06	+ 6 57.4	2.081	2.887	13.2	21.3
2 1	10 54.67	+ 7 31.9	1.982	2.873	10.1	21.0
2 11	10 48.18	+ 8 19.1	1.908	2.859	6.4	20.8
2 21	10 40.15	+ 9 15.0	1.860	2.845	2.3	20.5
3 2	10 31.36	+10 13.7	1.843	2.830	2.1	20.4
3 12	10 22.84	+11 9.0	1.854	2.815	6.3	20.7
3 22	10 15.48	+11 55.4	1.893	2.800	10.3	20.9
4 1	10 10.05	+12 29.2	1.955	2.784	13.7	21.1

5936 Khadzhinov 2 26.5 270°.21 5°.2/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.61	+22 40.0	2.191	3.022	11.7	16.8
2 1	10 54.97	+23 41.8	2.116	3.017	9.0	16.6
2 11	10 48.28	+24 43.6	2.067	3.013	6.4	16.5
2 21	10 40.14	+25 38.3	2.045	3.008	5.2	16.4
3 2	10 31.42	+26 19.3	2.052	3.004	6.4	16.4
3 12	10 23.12	+26 42.1	2.087	2.999	9.0	16.6
3 22	10 16.12	+26 44.9	2.146	2.995	11.8	16.8
4 1	10 11.10	+26 28.6	2.227	2.990	14.4	16.9

374583 2006 DH_{23} 2 26.5 308°.55 0°.8/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.66	+ 9 25.4	1.971	2.786	13.5	21.4
2 1	10 55.09	+ 9 48.3	1.888	2.785	10.2	21.2
2 11	10 48.39	+10 20.9	1.830	2.784	6.4	20.9
2 21	10 40.19	+10 58.9	1.798	2.783	2.3	20.7
3 2	10 31.37	+11 36.7	1.795	2.782	2.4	20.7
3 12	10 22.97	+12 9.0	1.821	2.781	6.5	20.9
3 22	10 15.89	+12 31.6	1.874	2.780	10.4	21.1
4 1	10 10.85	+12 42.1	1.949	2.779	13.7	21.4

81518 2000 HW_{2} 2 26.5 267°.74 1°.0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.15	+ 3 1.9	2.058	2.851	13.8	20.0
2 1	10 54.88	+ 3 29.9	1.946	2.827	10.8	19.8
2 11	10 48.43	+ 4 14.1	1.856	2.801	7.1	19.5
2 21	10 40.28	+ 5 11.7	1.794	2.775	3.1	19.2
3 2	10 31.23	+ 6 17.7	1.761	2.749	1.9	19.1
3 12	10 22.30	+ 7 25.4	1.757	2.722	6.2	19.3
3 22	10 14.48	+ 8 28.2	1.780	2.695	10.4	19.5
4 1	10 8.60	+ 9 20.6	1.828	2.667	14.1	19.6

407739 2011 UV_{401} 2 26.5 67°.79 4°.0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.06	− 3 7.6	1.467	2.257	18.6	21.3
2 1	10 55.86	− 3 4.3	1.401	2.272	14.8	21.0
2 11	10 49.07	− 2 36.4	1.355	2.288	10.5	20.8
2 21	10 40.46	− 1 46.1	1.333	2.304	6.1	20.6
3 2	10 31.19	− 0 39.1	1.337	2.320	4.0	20.5
3 12	10 22.59	+ 0 35.8	1.367	2.336	7.1	20.7
3 22	10 15.77	+ 1 49.2	1.423	2.352	11.3	21.0
4 1	10 11.49	+ 2 53.7	1.502	2.368	15.2	21.3

497622 2006 QZ_{55} 2 26.5 125°.44 0°.4/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.98	+ 4 1.7	2.892	3.677	10.4	22.1
2 1	10 51.60	+ 4 44.8	2.814	3.692	7.9	21.9
2 11	10 45.86	+ 5 38.2	2.762	3.708	5.1	21.8
2 21	10 39.20	+ 6 38.6	2.740	3.722	2.0	21.6
3 2	10 32.20	+ 7 41.9	2.748	3.736	1.3	21.5
3 12	10 25.51	+ 8 43.3	2.788	3.750	4.4	21.8
3 22	10 19.69	+ 9 38.9	2.856	3.763	7.2	22.0
4 1	10 15.19	+10 25.7	2.952	3.776	9.7	22.2

292863 2006 VQ_{2} 2 26.5 9°.15 0°.1/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.56	+ 7 20.4	2.318	3.122	12.1	20.5
2 1	10 53.19	+ 7 35.8	2.233	3.123	9.2	20.3
2 11	10 47.05	+ 8 0.6	2.172	3.123	5.8	20.1
2 21	10 39.68	+ 8 31.6	2.139	3.123	2.1	19.9
3 2	10 31.80	+ 9 4.6	2.136	3.124	1.7	19.8
3 12	10 24.27	+ 9 35.2	2.162	3.125	5.4	20.1
3 22	10 17.83	+ 9 59.6	2.216	3.125	8.9	20.3
4 1	10 13.07	+10 15.1	2.294	3.126	11.8	20.5

33452 Olivebryan 2 26.5 248°.50 2°.6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.18	+13 30.2	1.958	2.782	13.2	18.8
2 1	10 55.61	+14 16.6	1.871	2.773	10.0	18.5
2 11	10 48.81	+15 11.0	1.808	2.764	6.3	18.3
2 21	10 40.38	+16 7.4	1.773	2.755	2.9	18.0
3 2	10 31.22	+16 58.7	1.766	2.746	4.0	18.1
3 12	10 22.43	+17 38.9	1.788	2.736	7.7	18.3
3 22	10 14.98	+18 3.8	1.836	2.726	11.5	18.5
4 1	10 9.63	+18 11.9	1.907	2.716	14.8	18.7

309248 2007 RL_{33} 2 26.5 135°.59 3°.5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.48	+16 2.0	1.978	2.798	13.3	21.4
2 1	10 58.61	+17 1.2	1.913	2.813	9.9	21.2
2 11	10 50.52	+18 5.1	1.874	2.828	6.3	21.0
2 21	10 40.93	+19 6.6	1.863	2.841	3.6	20.9
3 2	10 30.84	+19 58.5	1.882	2.854	4.7	21.0
3 12	10 21.34	+20 35.4	1.929	2.866	8.1	21.2
3 22	10 13.38	+20 54.7	2.003	2.877	11.4	21.4
4 1	10 7.61	+20 56.2	2.099	2.888	14.3	21.6

403321 2009 DW_{17} 2 26.5 76°.65 0°.5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.32	+ 5 58.8	1.491	2.306	17.1	21.4
2 1	10 58.27	+ 6 10.5	1.427	2.321	13.0	21.2
2 11	10 50.55	+ 6 37.4	1.384	2.336	8.3	20.9
2 21	10 40.99	+ 7 14.7	1.367	2.351	3.2	20.7
3 2	10 30.80	+ 7 56.0	1.377	2.365	2.2	20.6
3 12	10 21.35	+ 8 34.2	1.414	2.380	7.3	21.0
3 22	10 13.78	+ 9 3.8	1.477	2.395	11.8	21.3
4 1	10 8.83	+ 9 21.1	1.562	2.409	15.7	21.5

27871 1995 VL_{15} 2 26.5 278°.12 3°.8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.45	+14 28.6	1.444	2.283	16.3	19.3
2 1	10 58.26	+15 22.7	1.355	2.264	12.4	19.0
2 11	10 51.00	+16 27.9	1.287	2.246	8.0	18.7
2 21	10 41.32	+17 35.9	1.245	2.227	4.1	18.4
3 2	10 30.42	+18 36.2	1.230	2.208	5.6	18.4
3 12	10 19.89	+19 19.7	1.240	2.189	10.3	18.6
3 22	10 11.19	+19 40.7	1.274	2.169	15.1	18.8
4 1	10 5.40	+19 38.1	1.328	2.150	19.3	19.1

170759 2004 CW_{24} 2 26.5 272°.87 2°.9/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.00	− 0 36.6	2.273	3.046	13.3	20.3
2 1	10 54.35	− 0 51.1	2.181	3.044	10.6	20.1
2 11	10 47.83	− 0 51.8	2.113	3.043	7.4	19.9
2 21	10 39.99	− 0 39.7	2.071	3.042	4.3	19.7
3 2	10 31.57	− 0 17.4	2.058	3.041	2.9	19.6
3 12	10 23.46	+ 0 11.0	2.074	3.039	5.4	19.7
3 22	10 16.46	+ 0 41.3	2.118	3.038	8.7	19.9
4 1	10 11.19	+ 1 9.0	2.187	3.037	11.7	20.1

480198 2015 FE_{342} 2 26.5 288°.83 8°.0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.99	+32 51.6	2.255	3.074	11.9	20.9
2 1	10 58.51	+33 57.5	2.175	3.054	9.9	20.8
2 11	10 50.65	+34 56.2	2.119	3.033	8.4	20.6
2 21	10 41.05	+35 39.5	2.090	3.013	8.1	20.6
3 2	10 30.72	+36 0.4	2.087	2.992	9.3	20.6
3 12	10 20.83	+35 55.3	2.111	2.971	11.4	20.7
3 22	10 12.42	+35 24.3	2.157	2.950	13.7	20.8
4 1	10 6.27	+34 30.3	2.223	2.929	15.9	20.9

136512 2005 NA_{50} 2 26.5 169°.96 0°.2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.33	+ 5 35.5	2.849	3.640	10.4	20.9
2 1	10 51.95	+ 6 8.7	2.761	3.643	7.9	20.8
2 11	10 46.14	+ 6 51.5	2.698	3.646	5.0	20.6
2 21	10 39.33	+ 7 40.7	2.665	3.648	1.9	20.4
3 2	10 32.12	+ 8 32.3	2.662	3.650	1.4	20.3
3 12	10 25.18	+ 9 22.1	2.690	3.651	4.6	20.6
3 22	10 19.09	+10 6.4	2.747	3.653	7.5	20.7
4 1	10 14.36	+10 42.2	2.829	3.653	10.1	20.9

456850 2007 UN_{84} 2 26.5 54°.05 3°.7/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.96	− 2 27.4	1.518	2.310	18.0	21.4
2 1	10 55.08	− 2 25.7	1.443	2.316	14.3	21.1
2 11	10 48.64	− 2 0.7	1.388	2.323	10.1	20.9
2 21	10 40.35	− 1 14.1	1.357	2.329	5.8	20.7
3 2	10 31.30	− 0 11.2	1.352	2.336	3.8	20.6
3 12	10 22.80	+ 0 59.8	1.374	2.344	7.0	20.8
3 22	10 15.97	+ 2 10.1	1.422	2.351	11.3	21.0
4 1	10 11.61	+ 3 12.0	1.492	2.358	15.3	21.3

469332 2000 KE_{37} 2 26.5 250°.57 1°.5/24.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.64	+12 7.4	2.782	3.589	10.2	23.3
2 1	10 53.88	+12 44.6	2.674	3.568	7.7	23.0
2 11	10 47.48	+13 28.3	2.593	3.547	4.8	22.8
2 21	10 39.87	+14 14.6	2.542	3.525	2.0	22.6
3 2	10 31.67	+14 59.1	2.521	3.503	2.6	22.6
3 12	10 23.64	+15 37.2	2.531	3.480	5.7	22.8
3 22	10 16.47	+16 5.8	2.569	3.457	8.7	22.9
4 1	10 10.76	+16 22.9	2.632	3.433	11.4	23.1

169010 2001 DT_{42} 2 26.5 81°.00 0°.7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.12	+ 7 17.8	1.568	2.386	16.3	20.3
2 1	10 57.17	+ 8 3.4	1.511	2.409	12.2	20.1
2 11	10 49.75	+ 9 3.2	1.477	2.431	7.6	19.9
2 21	10 40.68	+10 10.8	1.468	2.453	2.6	19.7
3 2	10 31.10	+11 17.8	1.488	2.475	2.6	19.7
3 12	10 22.27	+12 16.3	1.535	2.497	7.4	20.1
3 22	10 15.22	+13 1.0	1.609	2.518	11.6	20.3
4 1	10 10.63	+13 28.9	1.704	2.539	15.2	20.6

346170 2007 VA_{322} 2 26.5 105°.67 6°.6/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.07	−16 33.3	2.656	3.328	13.9	21.2
2 1	10 52.63	−16 53.1	2.573	3.345	12.0	21.1
2 11	10 46.62	−16 52.1	2.511	3.361	9.9	21.0
2 21	10 39.52	−16 29.6	2.472	3.377	7.9	20.9
3 2	10 32.00	−15 46.7	2.460	3.392	6.7	20.8
3 12	10 24.80	−14 47.2	2.476	3.407	6.8	20.8
3 22	10 18.60	−13 36.4	2.520	3.422	8.2	21.0
4 1	10 13.90	−12 20.5	2.589	3.437	10.2	21.1

142711 2002 TE_{263} 2 26.6 64°.67 2°.6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.39	+ 0 5.8	1.615	2.412	16.8	20.2
2 1	10 55.21	+ 0 14.9	1.543	2.422	13.2	20.0
2 11	10 48.61	+ 0 44.0	1.492	2.432	9.0	19.8
2 21	10 40.31	+ 1 30.2	1.466	2.443	4.6	19.6
3 2	10 31.36	+ 2 28.0	1.467	2.453	2.8	19.5
3 12	10 22.97	+ 3 29.8	1.495	2.464	6.6	19.7
3 22	10 16.18	+ 4 28.0	1.549	2.474	10.8	20.0
4 1	10 11.73	+ 5 16.8	1.626	2.485	14.6	20.3

231948 2001 KB_{66} 2 26.6 291°.11 5°.7/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.86	+21 31.0	2.004	2.842	12.4	20.3
2 1	10 54.02	+22 58.0	1.917	2.823	9.6	20.1
2 11	10 47.91	+24 28.7	1.855	2.804	6.9	19.9
2 21	10 40.10	+25 54.5	1.821	2.784	5.7	19.8
3 2	10 31.48	+27 6.4	1.815	2.765	7.2	19.8
3 12	10 23.14	+27 57.7	1.835	2.746	10.2	20.0
3 22	10 16.10	+28 25.0	1.880	2.726	13.3	20.1
4 1	10 11.17	+28 28.2	1.945	2.707	16.2	20.3

437554 2013 YN_{147} 2 26.6 150°.31 2°.0/24.0 17

1 22	10 56.18	+12 39.7	2.570	3.387	10.7	21.5
2 1	10 52.02	+13 39.9	2.492	3.391	7.9	21.3
2 11	10 46.26	+14 46.8	2.440	3.396	4.9	21.1
2 21	10 39.40	+15 55.3	2.417	3.400	2.3	20.9
3 2	10 32.10	+16 59.8	2.425	3.403	3.2	21.0
3 12	10 25.11	+17 55.3	2.462	3.407	6.1	21.2
3 22	10 19.10	+18 38.2	2.527	3.410	9.0	21.4
4 1	10 14.61	+19 6.8	2.617	3.413	11.6	21.6

133408 2003 SU_{173} 2 26.6 165°.58 2°.3/24.5 17

1 22	11 2.55	+15 4.4	2.268	3.083	12.0	20.5
2 1	10 56.98	+15 28.2	2.189	3.086	9.0	20.4
2 11	10 49.45	+15 55.8	2.134	3.088	5.7	20.1
2 21	10 40.57	+16 22.7	2.109	3.090	2.7	20.0
3 2	10 31.18	+16 44.0	2.113	3.092	3.4	20.0
3 12	10 22.24	+16 55.7	2.147	3.093	6.7	20.2
3 22	10 14.56	+16 55.7	2.208	3.095	10.0	20.4
4 1	10 8.79	+16 43.4	2.293	3.095	12.8	20.6

128661 2004 RT_{55} 2 26.6 141°.28 1°.0/25.7 18

1 22	11 1.60	+ 7 43.9	1.710	2.525	15.3	20.3
2 1	10 56.80	+ 8 38.6	1.637	2.534	11.5	20.1
2 11	10 49.59	+ 9 47.7	1.588	2.542	7.2	19.9
2 21	10 40.68	+11 4.7	1.565	2.550	2.5	19.6
3 2	10 31.10	+12 21.6	1.571	2.557	2.8	19.6
3 12	10 22.06	+13 29.8	1.605	2.564	7.4	19.9
3 22	10 14.61	+14 23.6	1.666	2.570	11.6	20.2
4 1	10 9.50	+14 59.6	1.749	2.576	15.2	20.4

360517 2003 QH_{18} 2 26.6 253°.85 0°.6/27.0 17

1 22	11 1.88	+ 5 5.2	1.819	2.621	15.0	21.8
2 1	10 57.19	+ 5 25.6	1.716	2.603	11.6	21.6
2 11	10 50.02	+ 6 1.2	1.636	2.585	7.6	21.3
2 21	10 40.92	+ 6 48.7	1.583	2.566	3.0	20.9
3 2	10 30.83	+ 7 42.5	1.558	2.546	2.1	20.8
3 12	10 20.96	+ 8 35.6	1.561	2.526	6.9	21.1
3 22	10 12.44	+ 9 21.6	1.591	2.505	11.4	21.3
4 1	10 6.20	+ 9 55.8	1.645	2.484	15.4	21.5

233494 2007 CW_{26} 2 26.6 319°.00 0°.4/26.4 18

1 22	11 4.39	+ 8 55.9	1.310	2.140	18.2	20.4
2 1	10 59.74	+ 8 55.2	1.232	2.135	13.9	20.1
2 11	10 51.89	+ 9 7.4	1.174	2.130	8.9	19.8
2 21	10 41.62	+ 9 27.9	1.141	2.126	3.2	19.4
3 2	10 30.30	+ 9 50.2	1.134	2.122	2.8	19.4
3 12	10 19.60	+10 7.2	1.152	2.118	8.6	19.7
3 22	10 10.98	+10 13.9	1.195	2.115	13.8	20.0
4 1	10 5.45	+10 7.4	1.258	2.111	18.3	20.3

454125 2013 CC_{157} 2 26.6 20°.42 3°.7/24.3 16

1 22	10 58.55	+13 23.7	1.029	1.892	19.5	21.3
2 1	10 55.67	+14 10.0	0.977	1.899	14.6	21.1
2 11	10 49.37	+15 8.3	0.945	1.908	9.2	20.8
2 21	10 40.67	+16 8.3	0.934	1.918	4.3	20.5
3 2	10 31.15	+16 58.3	0.947	1.929	5.6	20.7
3 12	10 22.63	+17 29.0	0.983	1.942	10.9	21.0
3 22	10 16.54	+17 36.3	1.040	1.956	15.9	21.3
4 1	10 13.73	+17 20.1	1.116	1.971	20.1	21.6

4351 Nobuhisa 2 26.6 104°.56 0°.1/26.6 18

1 22	10 58.00	+ 6 1.8	2.091	2.896	13.2	17.3
2 1	10 53.68	+ 6 34.8	2.013	2.902	10.0	17.1
2 11	10 47.44	+ 7 20.1	1.959	2.909	6.4	16.9
2 21	10 39.86	+ 8 13.5	1.932	2.916	2.3	16.6
3 2	10 31.77	+ 9 9.5	1.934	2.923	1.8	16.6
3 12	10 24.08	+10 2.2	1.966	2.929	5.8	16.9
3 22	10 17.62	+10 46.6	2.025	2.935	9.5	17.1
4 1	10 13.00	+11 19.5	2.108	2.942	12.7	17.3

382876 2004 KQ_{15} 2 26.6 301°.65 2°.5/28.9 16

1 22	10 56.16	− 0 13.9	2.156	2.939	13.6	21.2
2 1	10 52.48	− 0 9.8	2.047	2.917	10.8	21.0
2 11	10 46.84	+ 0 10.0	1.960	2.896	7.6	20.7
2 21	10 39.71	+ 0 44.3	1.900	2.875	4.1	20.5
3 2	10 31.83	+ 1 29.7	1.868	2.853	2.6	20.3
3 12	10 24.12	+ 2 21.1	1.865	2.832	5.6	20.5
3 22	10 17.45	+ 3 12.8	1.889	2.811	9.4	20.6
4 1	10 12.55	+ 3 59.5	1.937	2.791	12.8	20.8

385308 2001 VO_{130} 2 26.6 315°.25 1°.1/25.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 54.54	+ 8 11.2	2.188	3.003	12.3	21.4
2 1	10 51.11	+ 9 14.9	2.100	2.998	9.3	21.2
2 11	10 45.87	+10 31.0	2.037	2.993	5.7	21.0
2 21	10 39.32	+11 54.2	2.003	2.988	2.1	20.7
3 2	10 32.19	+13 17.6	1.998	2.983	2.6	20.8
3 12	10 25.35	+14 34.3	2.022	2.978	6.3	21.0
3 22	10 19.59	+15 38.8	2.073	2.973	9.9	21.2
4 1	10 15.54	+16 27.5	2.149	2.969	13.0	21.4

241413 2008 UK_{139} 2 26.6 221°.60 1°.9/24.7 17

1 22	10 58.85	+12 20.0	2.087	2.908	12.7	20.6
2 1	10 54.40	+12 58.9	2.007	2.907	9.5	20.4
2 11	10 47.94	+13 45.4	1.951	2.907	5.9	20.1
2 21	10 40.06	+14 34.4	1.923	2.906	2.5	19.9
3 2	10 31.62	+15 19.7	1.924	2.906	3.2	20.0
3 12	10 23.57	+15 56.1	1.953	2.905	6.9	20.2
3 22	10 16.79	+16 19.8	2.010	2.905	10.4	20.4
4 1	10 11.91	+16 29.2	2.089	2.904	13.5	20.6

238889 2005 YS_{72} 2 26.6 294°.10 5°.2/22.6 18

1 22	11 0.66	+16 44.5	1.378	2.225	16.4	20.3
2 1	10 56.93	+18 0.1	1.301	2.215	12.5	20.0
2 11	10 50.14	+19 25.4	1.246	2.204	8.2	19.8
2 21	10 41.01	+20 49.8	1.216	2.194	5.3	19.6
3 2	10 30.82	+22 1.3	1.212	2.183	7.0	19.6
3 12	10 21.15	+22 50.2	1.234	2.173	11.4	19.8
3 22	10 13.41	+23 11.9	1.277	2.163	15.8	20.1
4 1	10 8.63	+23 6.3	1.340	2.153	19.7	20.3

70313 1999 RK_{138} 2 26.6 220°.01 1°.1/25.6 18

1 22	11 2.36	+ 9 30.8	1.948	2.759	13.8	20.1
2 1	10 57.29	+10 6.0	1.856	2.751	10.5	19.9
2 11	10 49.92	+10 52.2	1.788	2.742	6.6	19.7
2 21	10 40.84	+11 44.4	1.748	2.733	2.4	19.4
3 2	10 30.99	+12 36.3	1.737	2.723	2.7	19.4
3 12	10 21.47	+13 21.4	1.755	2.712	7.0	19.6
3 22	10 13.32	+13 54.9	1.800	2.701	11.1	19.8
4 1	10 7.31	+14 14.0	1.868	2.689	14.6	20.0

419202 2009 UV_{84} 2 26.6 58°.60 0°.5/26.1 18

1 22	10 59.97	+ 7 15.1	1.695	2.512	15.3	21.2
2 1	10 55.36	+ 7 56.3	1.642	2.539	11.5	21.0
2 11	10 48.52	+ 8 50.4	1.611	2.565	7.1	20.8
2 21	10 40.24	+ 9 51.4	1.607	2.592	2.5	20.6
3 2	10 31.55	+10 52.1	1.631	2.619	2.4	20.6
3 12	10 23.57	+11 45.5	1.684	2.646	6.8	21.0
3 22	10 17.19	+12 26.7	1.762	2.673	10.7	21.2
4 1	10 13.02	+12 53.0	1.864	2.699	14.0	21.5

500318 2012 RS_{28} 2 26.6 162°.53 1°.0/25.4 17

1 22	11 0.10	+11 12.6	2.731	3.533	10.5	22.4
2 1	10 54.82	+11 35.7	2.648	3.539	7.9	22.2
2 11	10 47.96	+12 4.6	2.591	3.544	4.9	22.0
2 21	10 40.03	+12 35.6	2.564	3.548	1.8	21.8
3 2	10 31.69	+13 5.0	2.567	3.552	2.1	21.8
3 12	10 23.68	+13 29.0	2.601	3.555	5.2	22.1
3 22	10 16.66	+13 45.0	2.664	3.558	8.2	22.3
4 1	10 11.16	+13 51.5	2.752	3.561	10.8	22.4

452631 2005 TT_{29} 2 26.6 135°.10 1°.1/25.7 18

1 22	11 4.32	+ 8 21.1	1.733	2.544	15.3	22.5
2 1	10 58.77	+ 9 9.7	1.664	2.558	11.5	22.3
2 11	10 50.78	+10 11.3	1.619	2.572	7.1	22.0
2 21	10 41.11	+11 19.4	1.601	2.585	2.5	21.8
3 2	10 30.84	+12 26.2	1.612	2.598	2.8	21.8
3 12	10 21.18	+13 24.3	1.652	2.609	7.3	22.1
3 22	10 13.19	+14 8.4	1.718	2.620	11.5	22.4
4 1	10 7.58	+14 36.0	1.807	2.630	15.0	22.6

266285 2007 BW_{14} 2 26.6 141°.28 3°.8/22.1 18

1 22	11 0.29	+17 6.1	2.322	3.143	11.5	21.8
2 1	10 55.28	+18 34.6	2.256	3.156	8.6	21.7
2 11	10 48.39	+20 7.4	2.217	3.169	5.6	21.5
2 21	10 40.21	+21 37.1	2.208	3.181	3.8	21.4
3 2	10 31.55	+22 56.6	2.229	3.192	5.1	21.5
3 12	10 23.30	+24 0.0	2.280	3.202	7.8	21.7
3 22	10 16.27	+24 44.4	2.357	3.212	10.7	21.9
4 1	10 11.05	+25 9.3	2.458	3.221	13.2	22.1

249643 1999 TM_{190} 2 26.6 206°.02 1°.0/27.3 16

1 22	11 6.03	+ 5 43.9	2.021	2.812	14.1	20.6
2 1	10 59.94	+ 5 36.1	1.927	2.807	10.9	20.3
2 11	10 51.53	+ 5 38.9	1.857	2.802	7.1	20.1
2 21	10 41.42	+ 5 49.9	1.814	2.796	3.0	19.8
3 2	10 30.55	+ 6 5.5	1.801	2.789	1.9	19.7
3 12	10 20.05	+ 6 21.3	1.818	2.782	6.2	20.0
3 22	10 10.92	+ 6 33.4	1.863	2.774	10.2	20.2
4 1	10 3.96	+ 6 38.8	1.933	2.766	13.7	20.4

98160 2000 SP_{77} 2 26.6 33°.41 1°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.01	+ 9 50.2	1.116	1.962	19.5	19.0
2 1	10 57.95	+10 1.7	1.065	1.977	14.7	18.7
2 11	10 50.63	+10 27.0	1.033	1.993	9.2	18.5
2 21	10 41.10	+10 59.4	1.024	2.010	3.2	18.2
3 2	10 30.90	+11 30.5	1.040	2.027	3.3	18.2
3 12	10 21.74	+11 52.5	1.080	2.046	9.0	18.6
3 22	10 14.95	+12 0.6	1.143	2.066	14.1	19.0
4 1	10 11.31	+11 53.0	1.226	2.086	18.3	19.3

136747 1995 WD_{18} 2 26.6 91°.78 1°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.24	+ 1 2.6	2.463	3.241	12.2	20.5
2 1	10 52.78	+ 1 17.4	2.387	3.257	9.5	20.4
2 11	10 46.72	+ 1 45.2	2.335	3.272	6.4	20.2
2 21	10 39.58	+ 2 23.3	2.311	3.288	3.2	20.0
3 2	10 32.06	+ 3 8.2	2.316	3.303	1.9	20.0
3 12	10 24.91	+ 3 55.1	2.351	3.318	4.7	20.2
3 22	10 18.81	+ 4 39.6	2.415	3.333	7.9	20.4
4 1	10 14.26	+ 5 17.9	2.504	3.347	10.6	20.6

211505 2003 QU_{17} 2 26.6 124°.00 1°.2/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.05	+10 11.9	2.048	2.853	13.5	21.3
2 1	10 58.90	+10 46.6	1.982	2.873	10.1	21.1
2 11	10 50.65	+11 29.7	1.941	2.893	6.2	20.9
2 21	10 41.02	+12 16.2	1.928	2.912	2.3	20.7
3 2	10 30.95	+13 0.1	1.945	2.930	2.6	20.8
3 12	10 21.48	+13 36.2	1.993	2.948	6.5	21.0
3 22	10 13.47	+14 1.1	2.068	2.964	10.1	21.3
4 1	10 7.56	+14 13.1	2.167	2.980	13.1	21.5

498351 2007 VR_{305} 2 26.6 96°.72 1°.5/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.06	+ 2 48.7	2.416	3.201	12.2	21.3
2 1	10 53.50	+ 2 51.6	2.331	3.206	9.5	21.1
2 11	10 47.23	+ 3 5.9	2.270	3.211	6.3	20.9
2 21	10 39.80	+ 3 29.7	2.237	3.216	3.0	20.7
3 2	10 31.90	+ 3 59.5	2.233	3.220	1.8	20.6
3 12	10 24.33	+ 4 31.2	2.259	3.225	4.9	20.8
3 22	10 17.81	+ 5 0.8	2.313	3.230	8.2	21.0
4 1	10 12.91	+ 5 24.9	2.393	3.235	11.1	21.2

116774 2004 EV_{18} 2 26.6 246°.30 0°.2/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.28	+ 4 31.7	2.459	3.256	11.7	19.9
2 1	10 51.50	+ 5 19.1	2.362	3.247	9.0	19.7
2 11	10 46.04	+ 6 19.6	2.290	3.239	5.7	19.5
2 21	10 39.39	+ 7 29.5	2.247	3.230	2.2	19.3
3 2	10 32.20	+ 8 43.5	2.233	3.221	1.6	19.2
3 12	10 25.23	+ 9 55.8	2.250	3.212	5.2	19.4
3 22	10 19.21	+11 0.9	2.295	3.203	8.6	19.6
4 1	10 14.73	+11 55.0	2.365	3.194	11.6	19.8

238588 2004 YE_{4} 2 26.6 271°.95 0°.2/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.30	+ 6 14.4	2.060	2.865	13.4	20.5
2 1	10 54.02	+ 6 37.0	1.973	2.863	10.2	20.3
2 11	10 47.74	+ 7 11.6	1.911	2.861	6.5	20.1
2 21	10 40.03	+ 7 54.5	1.875	2.859	2.4	19.8
3 2	10 31.71	+ 8 40.8	1.869	2.857	1.8	19.8
3 12	10 23.75	+ 9 24.6	1.891	2.855	6.0	20.0
3 22	10 17.01	+10 1.3	1.941	2.853	9.8	20.3
4 1	10 12.17	+10 27.4	2.014	2.851	13.1	20.5

231785 2000 CF_{40} 2 26.6 98°.01 2°.3/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.94	+ 1 31.8	1.478	2.277	18.0	20.5
2 1	10 59.52	+ 1 36.4	1.414	2.295	14.0	20.3
2 11	10 51.38	+ 2 0.6	1.371	2.314	9.4	20.0
2 21	10 41.36	+ 2 41.0	1.353	2.332	4.5	19.8
3 2	10 30.70	+ 3 31.5	1.362	2.350	2.7	19.7
3 12	10 20.82	+ 4 24.3	1.399	2.367	7.1	20.0
3 22	10 12.85	+ 5 12.1	1.462	2.384	11.6	20.3
4 1	10 7.57	+ 5 49.6	1.547	2.400	15.5	20.6

433195 2012 UR_{34} 2 26.6 206°.54 3°.0/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.17	− 3 43.0	2.517	3.274	12.6	21.8
2 1	10 52.10	− 3 32.4	2.420	3.271	10.1	21.6
2 11	10 46.39	− 3 5.9	2.346	3.268	7.3	21.5
2 21	10 39.51	− 2 24.7	2.299	3.265	4.4	21.3
3 2	10 32.13	− 1 31.9	2.282	3.262	3.0	21.2
3 12	10 24.98	− 0 32.3	2.294	3.259	5.0	21.3
3 22	10 18.78	+ 0 28.8	2.334	3.255	7.9	21.5
4 1	10 14.10	+ 1 26.5	2.400	3.251	10.8	21.6

403538 2010 GP_{119} 2 26.6 330°.25 3°.7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.26	+14 51.7	1.270	2.117	17.6	20.9
2 1	10 58.27	+15 27.0	1.196	2.109	13.3	20.6
2 11	10 51.04	+16 11.4	1.143	2.102	8.5	20.3
2 21	10 41.37	+16 56.2	1.113	2.096	4.2	20.0
3 2	10 30.63	+17 32.0	1.109	2.089	5.5	20.1
3 12	10 20.56	+17 50.6	1.130	2.084	10.4	20.3
3 22	10 12.61	+17 48.3	1.173	2.079	15.3	20.6
4 1	10 7.80	+17 24.8	1.236	2.074	19.5	20.8

304970 2007 TG_{151} 2 26.6 217°.62 3°.0/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.65	− 1 0.0	1.840	2.619	15.7	21.1
2 1	10 56.89	− 0 58.3	1.745	2.613	12.5	20.8
2 11	10 49.74	− 0 37.9	1.672	2.606	8.8	20.6
2 21	10 40.82	− 0 0.4	1.625	2.598	4.8	20.3
3 2	10 31.05	+ 0 50.4	1.606	2.590	3.1	20.2
3 12	10 21.60	+ 1 48.0	1.615	2.582	6.4	20.4
3 22	10 13.53	+ 2 45.5	1.651	2.573	10.6	20.6
4 1	10 7.66	+ 3 36.7	1.712	2.563	14.3	20.8

117485 2005 CZ_{9} 2 26.6 175°.50 2°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.29	+11 41.1	1.645	2.473	15.2	20.2
2 1	10 56.77	+12 28.7	1.569	2.473	11.4	19.9
2 11	10 49.69	+13 27.1	1.517	2.474	7.1	19.7
2 21	10 40.79	+14 29.4	1.490	2.474	2.9	19.4
3 2	10 31.12	+15 27.6	1.492	2.474	3.9	19.5
3 12	10 21.99	+16 14.0	1.521	2.474	8.3	19.8
3 22	10 14.49	+16 43.9	1.575	2.474	12.5	20.0
4 1	10 9.44	+16 55.4	1.651	2.474	16.1	20.2

226801 2004 RK_{205} 2 26.6 74°.79 5°.6/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.89	+22 27.4	1.856	2.689	13.4	20.3
2 1	10 57.59	+23 28.3	1.802	2.704	10.3	20.1
2 11	10 49.96	+24 28.1	1.773	2.720	7.2	19.9
2 21	10 40.80	+25 18.5	1.770	2.735	5.6	19.9
3 2	10 31.18	+25 52.5	1.796	2.751	6.8	20.0
3 12	10 22.27	+26 6.0	1.848	2.766	9.7	20.2
3 22	10 15.02	+25 58.2	1.925	2.781	12.6	20.4
4 1	10 10.09	+25 31.0	2.023	2.796	15.3	20.6

14537 Týn nad Vltavou 2 26.6 222°.54 2°.7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.02	+15 38.8	2.141	2.955	12.6	19.4
2 1	10 59.11	+16 6.3	2.050	2.946	9.5	19.1
2 11	10 50.97	+16 38.1	1.984	2.937	6.1	18.9
2 21	10 41.22	+17 8.8	1.946	2.927	3.0	18.7
3 2	10 30.77	+17 32.9	1.938	2.916	3.9	18.7
3 12	10 20.70	+17 45.8	1.960	2.905	7.4	18.9
3 22	10 11.97	+17 45.1	2.009	2.893	10.9	19.1
4 1	10 5.33	+17 30.2	2.082	2.881	14.1	19.3

172387 2003 AZ_{37} 2 26.6 340°.55 6°.5/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.33	+21 45.4	1.909	2.755	12.6	19.0
2 1	10 51.42	+24 0.1	1.839	2.748	9.7	18.8
2 11	10 46.31	+26 19.2	1.796	2.742	7.2	18.6
2 21	10 39.56	+28 31.6	1.780	2.736	6.6	18.5
3 2	10 32.07	+30 26.2	1.793	2.730	8.4	18.6
3 12	10 24.92	+31 54.9	1.833	2.725	11.2	18.8
3 22	10 19.09	+32 54.0	1.896	2.721	14.2	19.0
4 1	10 15.36	+33 23.7	1.978	2.717	16.7	19.1

205019 1997 WN_{19} 2 26.6 37°.81 3°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.61	+ 1 35.8	1.156	1.979	20.6	20.1
2 1	10 57.57	+ 1 15.8	1.100	1.994	16.1	19.9
2 11	10 50.40	+ 1 18.2	1.064	2.010	10.9	19.6
2 21	10 41.06	+ 1 40.4	1.049	2.028	5.5	19.4
3 2	10 30.98	+ 2 16.7	1.059	2.046	3.5	19.3
3 12	10 21.84	+ 2 58.3	1.094	2.065	8.0	19.6
3 22	10 14.93	+ 3 37.1	1.151	2.084	13.0	20.0
4 1	10 11.09	+ 4 6.6	1.230	2.104	17.3	20.3

202282 2005 BJ_{26} 2 26.6 105°.19 4°.2/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.16	+17 8.6	2.121	2.953	12.1	20.3
2 1	10 53.14	+18 45.6	2.054	2.960	9.0	20.1
2 11	10 47.16	+20 28.0	2.014	2.968	6.0	20.0
2 21	10 39.82	+22 7.5	2.003	2.975	4.2	19.9
3 2	10 31.93	+23 35.9	2.021	2.982	5.6	20.0
3 12	10 24.45	+24 46.6	2.067	2.990	8.5	20.1
3 22	10 18.21	+25 36.1	2.140	2.997	11.5	20.3
4 1	10 13.85	+26 3.8	2.234	3.004	14.1	20.5

364706 2007 US_{111} 2 26.6 92°.34 0°.3/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.30	+ 5 27.4	1.633	2.443	16.1	22.1
2 1	10 57.32	+ 5 57.0	1.569	2.461	12.2	21.9
2 11	10 49.89	+ 6 41.9	1.527	2.478	7.8	21.6
2 21	10 40.81	+ 7 37.0	1.511	2.495	2.9	21.4
3 2	10 31.17	+ 8 35.3	1.524	2.512	2.1	21.4
3 12	10 22.20	+ 9 29.2	1.564	2.529	6.9	21.7
3 22	10 14.92	+10 13.1	1.631	2.545	11.2	22.0
4 1	10 10.03	+10 43.2	1.720	2.561	14.8	22.2

503109 2015 FA_{319} 2 26.6 45°.46 1°.8/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.76	+10 39.1	2.086	2.908	12.6	21.0
2 1	10 52.05	+11 39.8	2.013	2.915	9.4	20.8
2 11	10 46.45	+12 50.3	1.966	2.922	5.8	20.6
2 21	10 39.56	+14 4.5	1.946	2.930	2.3	20.3
3 2	10 32.16	+15 15.7	1.955	2.937	3.2	20.4
3 12	10 25.17	+16 17.4	1.993	2.945	6.7	20.6
3 22	10 19.38	+17 5.0	2.057	2.952	10.2	20.9
4 1	10 15.40	+17 36.4	2.145	2.960	13.2	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
136938 1998 QA_{37}			2 26.6 224.°16		1.°8/28.4 17	
	h m	° ′			°	m
1 22	11 0.04	+ 0 17.0	2.296	3.070	13.2	21.8
2 1	10 55.27	+ 0 43.4	2.190	3.057	10.4	21.6
2 11	10 48.54	+ 1 25.9	2.108	3.044	7.0	21.4
2 21	10 40.36	+ 2 22.1	2.053	3.030	3.5	21.1
3 2	10 31.48	+ 3 27.8	2.028	3.015	2.1	21.0
3 12	10 22.78	+ 4 37.0	2.034	3.000	5.4	21.2
3 22	10 15.14	+ 5 43.5	2.068	2.983	9.1	21.4
4 1	10 9.25	+ 6 42.3	2.128	2.966	12.4	21.5
126860 2002 EO_{79}			2 26.6 301.°85		4.°9/ 1.9 17	
1 22	10 55.72	− 6 23.0	1.847	2.612	16.2	19.7
2 1	10 52.54	− 6 25.9	1.738	2.590	13.4	19.4
2 11	10 47.10	− 6 5.6	1.650	2.567	10.1	19.2
2 21	10 39.92	− 5 21.8	1.585	2.545	6.7	18.9
3 2	10 31.80	− 4 16.9	1.547	2.523	4.9	18.8
3 12	10 23.83	− 2 57.2	1.536	2.502	6.9	18.8
3 22	10 17.06	− 1 30.8	1.551	2.480	10.6	19.0
4 1	10 12.36	− 0 6.5	1.591	2.459	14.4	19.2
300001 2006 UA_{35}			2 26.6 310.°75		0.°7/27.3 17	
1 22	10 56.35	+ 4 30.0	2.371	3.167	12.1	21.7
2 1	10 52.30	+ 4 52.0	2.282	3.166	9.3	21.5
2 11	10 46.55	+ 5 25.8	2.218	3.165	6.0	21.3
2 21	10 39.59	+ 6 8.2	2.182	3.164	2.5	21.1
3 2	10 32.13	+ 6 55.1	2.175	3.163	1.6	21.0
3 12	10 24.98	+ 7 41.4	2.197	3.163	5.1	21.2
3 22	10 18.84	+ 8 22.7	2.248	3.162	8.5	21.4
4 1	10 14.32	+ 8 55.6	2.323	3.161	11.5	21.6
81739 2000 JC_{44}			2 26.6 240.°81		2.°9/23.9 18	
1 22	11 0.93	+14 24.7	2.000	2.823	13.0	19.9
2 1	10 56.20	+15 14.5	1.911	2.813	9.8	19.7
2 11	10 49.24	+16 11.6	1.847	2.802	6.2	19.5
2 21	10 40.64	+17 9.9	1.810	2.791	3.2	19.2
3 2	10 31.29	+18 2.2	1.803	2.780	4.2	19.3
3 12	10 22.28	+18 42.4	1.824	2.768	7.9	19.5
3 22	10 14.60	+19 6.6	1.871	2.756	11.6	19.7
4 1	10 9.01	+19 13.4	1.940	2.744	14.8	19.9
138306 2000 GK_{59}			2 26.6 280.°11		0.°6/26.0 17	
1 22	10 57.40	+ 8 4.6	2.229	3.038	12.4	21.2
2 1	10 53.35	+ 8 37.4	2.127	3.020	9.4	21.0
2 11	10 47.37	+ 9 21.2	2.049	3.001	5.9	20.7
2 21	10 39.94	+10 12.2	1.998	2.983	2.1	20.4
3 2	10 31.82	+11 5.0	1.977	2.964	2.1	20.4
3 12	10 23.91	+11 54.0	1.985	2.945	6.1	20.6
3 22	10 17.05	+12 34.4	2.020	2.926	9.8	20.8
4 1	10 11.95	+13 2.8	2.080	2.907	13.1	21.0
7686 Wolfernst			2 26.6 332.°76		1.°3/25.8 18	
1 22	11 2.37	+10 23.5	1.280	2.118	18.0	17.0
2 1	10 58.30	+10 36.7	1.204	2.112	13.7	16.7
2 11	10 51.04	+11 2.6	1.148	2.106	8.7	16.4
2 21	10 41.39	+11 35.3	1.116	2.101	3.1	16.1
3 2	10 30.68	+12 7.0	1.109	2.096	3.4	16.1
3 12	10 20.59	+12 29.9	1.128	2.092	9.0	16.4
3 22	10 12.57	+12 38.9	1.170	2.088	14.2	16.6
4 1	10 7.61	+12 31.5	1.232	2.085	18.7	16.9
362621 2011 SY_{51}			2 26.6 127.°64		1.°3/25.6 18	
1 22	11 4.68	+10 4.0	1.771	2.585	14.9	21.6
2 1	10 59.00	+10 36.4	1.702	2.598	11.2	21.4
2 11	10 50.93	+11 18.9	1.657	2.611	7.0	21.2
2 21	10 41.20	+12 5.9	1.639	2.623	2.5	20.9
3 2	10 30.90	+12 50.6	1.650	2.635	2.9	21.0
3 12	10 21.22	+13 27.0	1.689	2.646	7.2	21.3
3 22	10 13.19	+13 50.9	1.755	2.657	11.3	21.5
4 1	10 7.52	+14 0.5	1.844	2.667	14.7	21.8
3384 Daliya			2 26.6 89.°09		0.°6/26.1 18	
1 22	11 2.78	+ 6 47.5	1.597	2.411	16.2	17.6
2 1	10 57.67	+ 7 33.4	1.539	2.434	12.2	17.4
2 11	10 50.11	+ 8 34.0	1.504	2.457	7.6	17.2
2 21	10 40.89	+ 9 42.7	1.495	2.480	2.7	16.9
3 2	10 31.17	+10 51.6	1.514	2.501	2.5	17.0
3 12	10 22.20	+11 52.4	1.561	2.523	7.2	17.3
3 22	10 14.98	+12 39.8	1.635	2.544	11.5	17.6
4 1	10 10.20	+13 10.7	1.731	2.565	15.0	17.9
461990 2006 WM_{41}			2 26.6 48.°72		4.°0/23.4 16	
1 22	11 0.58	+14 24.0	1.369	2.214	16.7	21.2
2 1	10 56.33	+15 39.2	1.326	2.239	12.4	21.0
2 11	10 49.36	+17 2.2	1.305	2.264	7.8	20.8
2 21	10 40.62	+18 22.7	1.310	2.290	4.2	20.7
3 2	10 31.42	+19 30.5	1.341	2.317	5.6	20.8
3 12	10 23.14	+20 18.1	1.398	2.343	9.7	21.1
3 22	10 16.86	+20 42.3	1.478	2.370	13.6	21.4
4 1	10 13.23	+20 43.8	1.579	2.397	17.0	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
198327 2004 TR_{359}			2 26.6 158.°08		1.°0/27.5 18	
	h m	° ′			°	m
1 22	10 58.37	+ 3 14.9	2.166	2.958	13.2	20.8
2 1	10 53.96	+ 3 42.2	2.081	2.962	10.2	20.6
2 11	10 47.65	+ 4 23.6	2.020	2.965	6.7	20.4
2 21	10 40.01	+ 5 15.6	1.987	2.968	2.8	20.1
3 2	10 31.82	+ 6 13.4	1.982	2.971	1.7	20.1
3 12	10 23.99	+ 7 10.8	2.008	2.973	5.5	20.3
3 22	10 17.32	+ 8 2.8	2.061	2.975	9.2	20.6
4 1	10 12.45	+ 8 45.0	2.138	2.977	12.4	20.8
234027 1998 SF_{47}			2 26.6 97.°43		1.°9/25.2 18	
1 22	11 5.51	+10 54.7	1.493	2.317	16.6	21.3
2 1	10 59.93	+11 35.9	1.435	2.336	12.4	21.1
2 11	10 51.63	+12 28.1	1.399	2.355	7.7	20.8
2 21	10 41.48	+13 23.9	1.389	2.374	3.0	20.6
3 2	10 30.75	+14 14.9	1.407	2.392	3.6	20.7
3 12	10 20.86	+14 54.1	1.453	2.409	8.3	21.0
3 22	10 12.94	+15 17.1	1.523	2.426	12.6	21.3
4 1	10 7.73	+15 22.9	1.616	2.443	16.2	21.6
86855 2000 HQ_{5}			2 26.6 199.°40		3.°8/23.5 18	
1 22	11 4.45	+15 55.2	1.711	2.539	14.7	19.9
2 1	10 59.17	+16 51.5	1.633	2.537	11.1	19.7
2 11	10 51.25	+17 54.6	1.579	2.534	7.1	19.4
2 21	10 41.40	+18 56.6	1.551	2.530	4.0	19.2
3 2	10 30.74	+19 49.0	1.552	2.526	5.3	19.3
3 12	10 20.60	+20 24.8	1.581	2.522	9.2	19.5
3 22	10 12.15	+20 40.7	1.635	2.517	13.1	19.7
4 1	10 6.22	+20 36.2	1.710	2.511	16.6	20.0
102453 1999 TW_{217}			2 26.6 72.°05		2.°9/24.6 18	
1 22	11 4.11	+14 1.1	1.533	2.365	15.9	20.0
2 1	10 58.90	+14 34.5	1.471	2.376	11.9	19.7
2 11	10 51.00	+15 15.1	1.431	2.388	7.5	19.5
2 21	10 41.26	+15 55.8	1.417	2.400	3.4	19.3
3 2	10 30.91	+16 29.0	1.431	2.412	4.3	19.4
3 12	10 21.32	+16 48.8	1.472	2.424	8.6	19.7
3 22	10 13.63	+16 52.2	1.537	2.436	12.8	19.9
4 1	10 8.59	+16 39.0	1.624	2.448	16.3	20.2
210979 2001 VG_{86}			2 26.6 74.°62		3.°8/22.7 18	
1 22	10 59.93	+19 23.6	2.270	3.097	11.6	20.3
2 1	10 55.03	+20 7.8	2.204	3.106	8.7	20.2
2 11	10 48.25	+20 53.1	2.163	3.114	5.8	20.0
2 21	10 40.21	+21 33.9	2.150	3.123	3.9	19.9
3 2	10 31.74	+22 4.7	2.167	3.133	4.9	20.0
3 12	10 23.75	+22 21.5	2.212	3.142	7.6	20.2
3 22	10 17.03	+22 22.8	2.283	3.151	10.5	20.3
4 1	10 12.16	+22 8.7	2.376	3.160	13.0	20.5
466137 2012 GZ_{30}			2 26.6 314.°02		8.°1/21.3 16	
1 22	11 6.64	+26 28.1	1.488	2.328	15.8	21.1
2 1	11 1.60	+27 14.7	1.402	2.304	12.6	20.8
2 11	10 53.21	+27 57.5	1.338	2.280	9.6	20.6
2 21	10 42.23	+28 25.8	1.298	2.257	8.1	20.4
3 2	10 30.05	+28 29.5	1.284	2.234	9.5	20.4
3 12	10 18.42	+28 2.9	1.294	2.212	12.9	20.5
3 22	10 8.90	+27 6.5	1.327	2.190	16.8	20.7
4 1	10 2.57	+25 44.4	1.379	2.169	20.4	20.9
82932 2001 QS_{112}			2 26.6 206.°30		3.°5/ 1.1 18	
1 22	10 58.21	− 3 32.3	2.419	3.175	13.0	19.6
2 1	10 53.71	− 3 44.7	2.324	3.174	10.5	19.4
2 11	10 47.46	− 3 42.1	2.252	3.172	7.7	19.2
2 21	10 39.96	− 3 25.1	2.207	3.170	4.8	19.0
3 2	10 31.91	− 2 56.0	2.191	3.168	3.5	18.9
3 12	10 24.12	− 2 18.7	2.204	3.166	5.3	19.1
3 22	10 17.35	− 1 37.8	2.244	3.164	8.2	19.2
4 1	10 12.20	− 0 58.0	2.311	3.162	11.1	19.4
461597 2004 SC_{28}			2 26.6 175.°17		4.°3/23.4 17	
1 22	11 9.22	+21 37.0	2.101	2.916	12.8	21.2
2 1	11 2.20	+21 55.2	2.023	2.917	9.8	21.0
2 11	10 52.85	+22 11.6	1.971	2.918	6.6	20.8
2 21	10 41.91	+22 20.3	1.947	2.919	4.4	20.7
3 2	10 30.42	+22 16.3	1.953	2.919	5.3	20.7
3 12	10 19.55	+21 56.6	1.989	2.919	8.3	20.9
3 22	10 10.28	+21 21.1	2.052	2.919	11.5	21.1
4 1	10 3.33	+20 31.6	2.138	2.919	14.3	21.3
276457 2003 FM_{109}			2 26.6 284.°79		7.°3/18.7 17	
1 22	11 0.09	+25 14.1	1.889	2.728	13.0	20.4
2 1	10 56.03	+26 56.1	1.802	2.704	10.3	20.2
2 11	10 49.40	+28 39.9	1.740	2.680	8.1	20.0
2 21	10 40.80	+30 15.0	1.705	2.655	7.4	19.9
3 2	10 31.19	+31 31.1	1.698	2.630	9.1	20.0
3 12	10 21.84	+32 20.8	1.716	2.606	12.0	20.1
3 22	10 13.95	+32 41.2	1.757	2.581	15.1	20.2
4 1	10 8.43	+32 33.3	1.816	2.556	17.9	20.4

242487 2004 VV_8 2 26.6 82°.03 5°.0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.09	+17 16.2	1.467	2.307	16.0	20.0
2 1	10 58.27	+18 32.7	1.413	2.323	12.0	19.8
2 11	10 50.66	+19 54.6	1.382	2.338	7.8	19.6
2 21	10 41.15	+21 11.5	1.377	2.353	5.1	19.5
3 2	10 31.03	+22 13.4	1.398	2.367	6.6	19.6
3 12	10 21.73	+22 53.1	1.446	2.382	10.3	19.8
3 22	10 14.41	+23 8.2	1.518	2.397	14.1	20.1
4 1	10 9.82	+22 59.9	1.610	2.411	17.4	20.4

364443 2006 XN_{17} 2 26.6 128°.53 4°.2/22.2 18

1 22	11 2.79	+19 7.2	2.226	3.048	11.9	21.5
2 1	10 57.19	+20 16.3	2.166	3.065	9.0	21.3
2 11	10 49.61	+21 27.1	2.132	3.082	6.0	21.2
2 21	10 40.71	+22 32.9	2.127	3.098	4.2	21.1
3 2	10 31.37	+23 26.8	2.151	3.113	5.3	21.2
3 12	10 22.57	+24 4.2	2.205	3.127	8.1	21.4
3 22	10 15.12	+24 23.3	2.285	3.141	10.9	21.6
4 1	10 9.63	+24 24.3	2.387	3.154	13.4	21.8

1111 Reinmuthia 2 26.6 140°.60 0°.7/25.8 18 R

1 22	10 57.52	+ 8 25.7	2.415	3.221	11.6	15.8
2 1	10 53.13	+ 9 5.9	2.335	3.227	8.7	15.7
2 11	10 47.04	+ 9 55.4	2.280	3.233	5.4	15.5
2 21	10 39.79	+10 50.1	2.254	3.238	1.9	15.2
3 2	10 32.07	+11 44.8	2.257	3.244	2.0	15.2
3 12	10 24.71	+12 34.4	2.291	3.249	5.5	15.5
3 22	10 18.40	+13 14.9	2.352	3.254	8.8	15.7
4 1	10 13.70	+13 43.8	2.438	3.258	11.6	15.9

172036 2001 WO_{28} 2 26.6 122°.16 3°.8/21.7 17 R

1 22	10 58.96	+21 5.2	2.804	3.625	9.8	20.4
2 1	10 53.97	+22 5.6	2.743	3.641	7.4	20.2
2 11	10 47.44	+23 6.0	2.710	3.656	5.1	20.1
2 21	10 39.90	+24 1.1	2.706	3.671	3.9	20.0
3 2	10 32.01	+24 45.9	2.732	3.686	4.8	20.1
3 12	10 24.51	+25 17.1	2.787	3.700	7.0	20.3
3 22	10 18.05	+25 33.1	2.869	3.714	9.3	20.5
4 1	10 13.10	+25 33.9	2.974	3.728	11.3	20.6

274895 2009 SQ_{77} 2 26.6 161°.03 6°.8/19.9 18

1 22	11 5.43	+28 21.0	2.166	2.988	12.2	20.9
2 1	10 59.40	+29 24.8	2.103	2.992	9.7	20.7
2 11	10 51.12	+30 23.2	2.066	2.996	7.6	20.6
2 21	10 41.28	+31 8.5	2.056	2.999	6.8	20.6
3 2	10 30.92	+31 34.1	2.074	3.002	8.0	20.6
3 12	10 21.17	+31 36.7	2.119	3.005	10.2	20.8
3 22	10 12.97	+31 16.6	2.189	3.007	12.7	20.9
4 1	10 7.02	+30 36.2	2.279	3.009	15.0	21.1

302446 2002 EF_{67} 2 26.6 334°.47 1°.3/27.4 18

1 22	10 57.51	+ 4 27.4	1.248	2.081	18.7	20.1
2 1	10 54.71	+ 4 31.6	1.166	2.069	14.6	19.8
2 11	10 48.86	+ 4 55.9	1.104	2.058	9.6	19.5
2 21	10 40.66	+ 5 36.7	1.064	2.048	4.1	19.2
3 2	10 31.33	+ 6 27.5	1.049	2.038	2.5	19.0
3 12	10 22.46	+ 7 19.0	1.059	2.030	8.3	19.3
3 22	10 15.49	+ 8 2.8	1.092	2.023	13.7	19.6
4 1	10 11.46	+ 8 32.4	1.144	2.016	18.5	19.9

98861 2001 AA_{44} 2 26.6 28°.03 3°.3/25.9 18

1 22	11 24.27	+20 42.1	1.098	1.927	21.0	17.4
2 1	11 14.84	+19 27.8	1.041	1.942	16.1	17.1
2 11	11 1.24	+18 5.4	1.005	1.958	10.4	16.8
2 21	10 44.95	+16 30.6	0.993	1.976	4.6	16.6
3 2	10 28.21	+14 43.1	1.010	1.994	4.7	16.6
3 12	10 13.34	+12 46.7	1.055	2.014	10.2	17.0
3 22	10 1.94	+10 47.7	1.125	2.035	15.4	17.3
4 1	9 54.76	+ 8 50.8	1.216	2.057	19.6	17.7

273906 2007 HD_{54} 2 26.6 166°.27 0°.5/27.1 18

1 22	10 57.65	+ 3 54.1	2.048	2.848	13.6	20.9
2 1	10 53.56	+ 4 33.4	1.964	2.849	10.5	20.7
2 11	10 47.48	+ 5 27.7	1.903	2.851	6.8	20.5
2 21	10 40.00	+ 6 33.0	1.869	2.852	2.7	20.2
3 2	10 31.92	+ 7 43.3	1.864	2.853	1.7	20.1
3 12	10 24.21	+ 8 51.9	1.889	2.854	5.9	20.4
3 22	10 17.70	+ 9 52.7	1.941	2.854	9.7	20.7
4 1	10 13.07	+10 41.4	2.017	2.855	13.0	20.9

94050 2000 YP_4 2 26.6 297°.37 4°.7/ 1.6 18

1 22	10 57.75	− 5 11.3	1.891	2.656	15.9	19.5
2 1	10 53.91	− 5 25.1	1.795	2.648	13.0	19.2
2 11	10 47.87	− 5 18.6	1.720	2.640	9.7	19.0
2 21	10 40.20	− 4 51.7	1.670	2.631	6.3	18.8
3 2	10 31.73	− 4 6.9	1.647	2.623	4.7	18.7
3 12	10 23.55	− 3 9.7	1.651	2.615	6.6	18.8
3 22	10 16.63	− 2 7.0	1.681	2.607	10.1	19.0
4 1	10 11.75	− 1 6.1	1.736	2.599	13.6	19.2

315314 2007 TC_{273} 2 26.6 35°.41 3°.5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.69	+13 12.6	1.349	2.194	16.9	20.4
2 1	10 55.95	+14 13.8	1.288	2.201	12.6	20.1
2 11	10 49.35	+15 26.0	1.249	2.209	7.9	19.9
2 21	10 40.73	+16 39.9	1.235	2.217	3.8	19.6
3 2	10 31.37	+17 45.2	1.247	2.226	5.2	19.7
3 12	10 22.76	+18 33.0	1.284	2.235	9.7	20.0
3 22	10 16.10	+18 58.9	1.344	2.245	14.1	20.3
4 1	10 12.21	+19 2.2	1.425	2.255	17.9	20.6

338381 2002 YD_{30} 2 26.6 35°.41 1°.5/25.2 18

1 22	10 56.71	+10 8.6	1.912	2.736	13.5	20.2
2 1	10 52.89	+10 52.7	1.844	2.746	10.1	20.0
2 11	10 47.05	+11 46.7	1.799	2.756	6.2	19.8
2 21	10 39.82	+12 45.0	1.782	2.766	2.3	19.5
3 2	10 32.09	+13 41.2	1.793	2.777	2.9	19.6
3 12	10 24.85	+14 28.9	1.832	2.789	6.8	19.8
3 22	10 18.94	+15 3.9	1.897	2.800	10.5	20.1
4 1	10 14.99	+15 23.8	1.985	2.812	13.6	20.3

354927 2006 DL_{138} 2 26.6 9°.70 2°.6/24.8 18

1 22	10 56.31	+10 27.4	1.078	1.936	19.2	20.3
2 1	10 53.99	+11 19.7	1.017	1.937	14.5	20.0
2 11	10 48.41	+12 29.3	0.977	1.940	9.0	19.7
2 21	10 40.47	+13 46.5	0.958	1.943	3.6	19.4
3 2	10 31.58	+14 59.3	0.964	1.948	4.7	19.5
3 12	10 23.50	+15 56.2	0.993	1.955	10.2	19.8
3 22	10 17.64	+16 30.3	1.043	1.962	15.5	20.1
4 1	10 14.90	+16 39.4	1.112	1.970	19.9	20.4

58252 1993 QG_4 2 26.6 155°.03 0°.2/26.4 18

1 22	11 2.72	+ 6 20.3	2.025	2.824	13.8	20.4
2 1	10 57.34	+ 7 1.6	1.947	2.834	10.5	20.2
2 11	10 49.83	+ 7 55.9	1.893	2.843	6.6	20.0
2 21	10 40.85	+ 8 58.2	1.866	2.851	2.4	19.7
3 2	10 31.29	+10 2.3	1.870	2.858	2.0	19.7
3 12	10 22.18	+11 1.6	1.904	2.864	6.3	20.0
3 22	10 14.43	+11 50.9	1.965	2.870	10.1	20.2
4 1	10 8.72	+12 27.0	2.050	2.874	13.4	20.4

463786 2014 SP_{235} 2 26.6 21°.57 2°.7/28.5 16

1 22	10 52.91	+ 0 14.7	0.986	1.829	21.8	19.7
2 1	10 51.26	+ 0 31.9	0.943	1.848	17.0	19.5
2 11	10 46.52	+ 1 18.5	0.918	1.870	11.4	19.3
2 21	10 39.70	+ 2 28.5	0.914	1.894	5.5	19.0
3 2	10 32.26	+ 3 51.5	0.932	1.921	3.1	19.0
3 12	10 25.80	+ 5 14.4	0.974	1.949	8.0	19.4
3 22	10 21.53	+ 6 26.2	1.038	1.978	13.2	19.7
4 1	10 20.15	+ 7 19.7	1.121	2.009	17.6	20.1

289065 2004 TM_{204} 2 26.6 221°.96 3°.1/24.1 18

1 22	11 4.00	+14 23.2	1.769	2.593	14.4	21.0
2 1	10 58.81	+15 10.6	1.684	2.586	10.9	20.8
2 11	10 51.04	+16 5.9	1.622	2.578	6.9	20.5
2 21	10 41.37	+17 2.3	1.588	2.569	3.4	20.3
3 2	10 30.85	+17 51.8	1.582	2.560	4.6	20.3
3 12	10 20.76	+18 27.6	1.605	2.551	8.6	20.5
3 22	10 12.24	+18 45.8	1.653	2.541	12.6	20.8
4 1	10 6.16	+18 45.3	1.722	2.530	16.2	21.0

450549 2006 DK_{104} 2 26.6 42°.99 0°.8/27.1 18

1 22	11 1.60	+ 5 12.3	1.181	2.013	19.6	21.4
2 1	10 57.55	+ 5 21.7	1.126	2.028	15.0	21.1
2 11	10 50.41	+ 5 50.4	1.090	2.044	9.7	20.9
2 21	10 41.12	+ 6 33.0	1.077	2.061	3.8	20.6
3 2	10 31.14	+ 7 21.6	1.089	2.078	2.5	20.5
3 12	10 22.07	+ 8 7.1	1.127	2.096	8.1	20.9
3 22	10 15.22	+ 8 42.3	1.187	2.115	13.2	21.3
4 1	10 11.37	+ 9 2.9	1.269	2.133	17.5	21.6

271805 2004 TU_{90} 2 26.6 1°.45 6°.4/22.5 18

1 22	11 4.27	+23 25.1	1.488	2.331	15.6	19.6
2 1	10 59.32	+23 57.2	1.422	2.330	12.1	19.3
2 11	10 51.44	+24 26.7	1.379	2.329	8.6	19.1
2 21	10 41.49	+24 44.6	1.361	2.329	6.4	19.0
3 2	10 30.83	+24 43.6	1.368	2.330	7.6	19.1
3 12	10 20.99	+24 19.6	1.401	2.332	11.0	19.3
3 22	10 13.21	+23 33.1	1.457	2.335	14.7	19.5
4 1	10 8.28	+22 27.4	1.534	2.339	18.0	19.7

453338 2008 YW_{58} 2 26.6 1°.89 1°.6/25.6 16

1 22	10 57.60	+ 9 55.9	1.109	1.962	19.1	21.6
2 1	10 54.94	+10 21.6	1.043	1.960	14.5	21.3
2 11	10 49.03	+11 3.1	0.997	1.959	9.1	21.0
2 21	10 40.71	+11 53.2	0.974	1.959	3.3	20.6
3 2	10 31.41	+12 42.1	0.974	1.961	3.8	20.7
3 12	10 22.85	+13 20.1	0.998	1.964	9.6	21.0
3 22	10 16.48	+13 40.8	1.043	1.968	14.9	21.3
4 1	10 13.26	+13 41.4	1.108	1.973	19.5	21.6

16476 1990 QU_4 2 26.6 205°.79 3°.8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 4.12	+16 11.7	1.890	2.714	13.7	18.3
2 1	10 58.75	+17 13.6	1.807	2.709	10.3	18.1
2 11	10 50.94	+18 22.1	1.749	2.703	6.7	17.9
2 21	10 41.33	+19 29.6	1.719	2.696	3.9	17.7
3 2	10 30.92	+20 27.8	1.717	2.689	5.2	17.8
3 12	10 20.94	+21 10.1	1.744	2.681	8.8	17.9
3 22	10 12.47	+21 32.9	1.797	2.672	12.5	18.2
4 1	10 6.30	+21 35.8	1.872	2.663	15.7	18.3

409947 2006 UT_{171} 2 26.6 126°.24 3°.7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.83	+17 48.1	2.181	3.000	12.2	22.3
2 1	10 57.98	+18 49.4	2.121	3.019	9.2	22.1
2 11	10 50.12	+19 53.2	2.086	3.037	6.0	22.0
2 21	10 40.93	+20 53.0	2.080	3.054	3.8	21.9
3 2	10 31.30	+21 42.3	2.104	3.071	4.9	22.0
3 12	10 22.25	+22 16.3	2.157	3.087	7.8	22.2
3 22	10 14.59	+22 33.0	2.237	3.102	10.8	22.4
4 1	10 8.94	+22 32.7	2.340	3.117	13.4	22.6

182583 2001 TH_{198} 2 26.6 204°.59 2°.8/23.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.81	+15 20.3	2.436	3.249	11.3	21.8
2 1	10 56.48	+16 12.4	2.347	3.243	8.5	21.6
2 11	10 49.25	+17 9.8	2.284	3.237	5.4	21.4
2 21	10 40.66	+18 7.0	2.250	3.229	2.9	21.2
3 2	10 31.48	+18 58.1	2.247	3.221	3.9	21.3
3 12	10 22.60	+19 38.0	2.274	3.212	6.9	21.4
3 22	10 14.83	+20 3.8	2.328	3.202	10.1	21.6
4 1	10 8.82	+20 14.2	2.406	3.192	12.8	21.8

192517 1998 RF_{20} 2 26.6 127°.82 0°.1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.93	+ 4 20.6	2.337	3.132	12.3	20.0
2 1	10 52.73	+ 5 21.9	2.259	3.143	9.3	19.8
2 11	10 46.83	+ 6 36.7	2.205	3.154	5.9	19.6
2 21	10 39.76	+ 8 0.4	2.180	3.164	2.2	19.3
3 2	10 32.22	+ 9 26.7	2.186	3.174	1.7	19.3
3 12	10 25.04	+10 49.1	2.222	3.183	5.4	19.6
3 22	10 18.92	+12 2.1	2.287	3.193	8.8	19.8
4 1	10 14.44	+13 1.7	2.377	3.201	11.7	20.0

205494 2001 QH_{294} 2 26.6 227°.25 0°.9/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.40	+ 3 16.9	2.719	3.501	11.1	21.8
2 1	10 52.97	+ 3 40.2	2.616	3.491	8.6	21.6
2 11	10 46.97	+ 4 14.8	2.537	3.479	5.7	21.4
2 21	10 39.82	+ 4 58.4	2.487	3.468	2.5	21.2
3 2	10 32.15	+ 5 47.2	2.468	3.456	1.5	21.1
3 12	10 24.67	+ 6 36.7	2.479	3.444	4.7	21.3
3 22	10 18.06	+ 7 22.8	2.519	3.431	7.8	21.4
4 1	10 12.87	+ 8 2.0	2.585	3.417	10.7	21.6

402899 2007 TE_{17} 2 26.6 96°.42 0°.8/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.59	+ 8 18.9	1.678	2.492	15.5	21.8
2 1	10 58.24	+ 8 53.1	1.616	2.511	11.7	21.6
2 11	10 50.49	+ 9 39.5	1.577	2.530	7.3	21.3
2 21	10 41.11	+10 32.4	1.564	2.549	2.6	21.1
3 2	10 31.20	+11 24.5	1.580	2.567	2.6	21.1
3 12	10 21.99	+12 9.2	1.625	2.585	7.1	21.4
3 22	10 14.49	+12 41.7	1.696	2.603	11.2	21.7
4 1	10 9.37	+12 59.7	1.789	2.620	14.7	22.0

360446 2002 NM_{12} 2 26.6 271°.57 2°.5/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.71	+11 3.1	1.761	2.586	14.4	21.1
2 1	10 55.75	+12 10.4	1.660	2.563	10.9	20.8
2 11	10 49.28	+13 32.1	1.583	2.540	6.9	20.5
2 21	10 40.82	+15 1.3	1.533	2.517	3.0	20.2
3 2	10 31.32	+16 29.0	1.512	2.493	4.2	20.3
3 12	10 22.00	+17 45.7	1.518	2.468	8.6	20.5
3 22	10 14.05	+18 44.5	1.550	2.444	13.0	20.7
4 1	10 8.41	+19 21.8	1.604	2.419	16.9	20.8

192865 1999 WL_{15} 2 26.6 279°.12 6°.7/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.77	−12 8.9	2.100	2.820	15.8	20.6
2 1	10 53.11	−12 28.1	1.991	2.804	13.5	20.4
2 11	10 47.37	−12 24.2	1.902	2.787	10.9	20.2
2 21	10 40.06	−11 55.5	1.837	2.771	8.3	20.0
3 2	10 31.95	−11 2.9	1.798	2.754	6.7	19.9
3 12	10 23.99	− 9 50.9	1.786	2.737	7.4	19.9
3 22	10 17.12	− 8 26.3	1.801	2.720	10.0	20.0
4 1	10 12.13	− 6 57.5	1.840	2.703	13.0	20.1

210698 2000 SM_{94} 2 26.6 163°.62 2°.9/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.73	− 4 29.4	2.836	3.582	11.5	20.3
2 1	10 51.59	− 4 15.0	2.742	3.586	9.3	20.2
2 11	10 46.02	− 3 46.0	2.672	3.590	6.7	20.0
2 21	10 39.46	− 3 3.5	2.630	3.593	4.2	19.9
3 2	10 32.48	− 2 10.6	2.617	3.596	2.9	19.8
3 12	10 25.75	− 1 11.5	2.634	3.598	4.5	19.9
3 22	10 19.86	− 0 10.8	2.681	3.600	7.1	20.0
4 1	10 15.30	+ 0 47.1	2.754	3.602	9.6	20.2

174968 2004 DA_{29} 2 26.6 232°.32 1°.4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.84	+ 8 48.0	1.848	2.666	14.1	20.1
2 1	10 54.77	+ 9 45.6	1.762	2.661	10.7	19.8
2 11	10 48.44	+10 56.9	1.700	2.655	6.7	19.6
2 21	10 40.45	+12 15.7	1.665	2.649	2.4	19.3
3 2	10 31.70	+13 34.4	1.658	2.643	3.0	19.3
3 12	10 23.32	+14 44.7	1.680	2.637	7.3	19.6
3 22	10 16.29	+15 40.7	1.729	2.630	11.4	19.8
4 1	10 11.39	+16 19.0	1.800	2.623	15.0	20.0

324415 2006 ST_{265} 2 26.6 86°.49 2°.0/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.62	+ 0 47.8	1.823	2.608	15.6	21.5
2 1	10 57.28	+ 1 4.8	1.762	2.636	12.1	21.4
2 11	10 49.77	+ 1 39.0	1.724	2.663	8.1	21.2
2 21	10 40.84	+ 2 26.8	1.711	2.689	3.9	21.0
3 2	10 31.49	+ 3 22.8	1.728	2.715	2.3	20.9
3 12	10 22.78	+ 4 20.1	1.774	2.741	5.9	21.2
3 22	10 15.62	+ 5 12.8	1.847	2.766	9.8	21.5
4 1	10 10.62	+ 5 56.0	1.944	2.791	13.1	21.7

52744 1998 HO_{136} 2 26.6 9°.50 5°.4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.79	+23 44.1	2.191	3.023	11.7	18.5
2 1	10 55.14	+24 42.6	2.123	3.023	9.1	18.3
2 11	10 48.47	+25 39.7	2.080	3.024	6.6	18.2
2 21	10 40.40	+26 28.5	2.064	3.024	5.4	18.1
3 2	10 31.80	+27 2.8	2.077	3.025	6.6	18.2
3 12	10 23.68	+27 18.5	2.116	3.026	9.0	18.3
3 22	10 16.88	+27 14.4	2.181	3.027	11.7	18.5
4 1	10 12.04	+26 51.5	2.267	3.029	14.2	18.7

31271 Nallino 2 26.6 11°.49 0°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.40	+ 7 13.1	2.016	2.830	13.3	18.5
2 1	10 52.65	+ 7 43.3	1.936	2.831	10.1	18.2
2 11	10 46.94	+ 8 25.2	1.880	2.833	6.4	18.0
2 21	10 39.85	+ 9 14.7	1.850	2.835	2.3	17.8
3 2	10 32.21	+10 6.1	1.850	2.837	2.0	17.7
3 12	10 24.96	+10 53.4	1.877	2.840	6.1	18.0
3 22	10 18.93	+11 31.9	1.932	2.844	9.8	18.2
4 1	10 14.77	+11 58.4	2.010	2.847	13.1	18.5

454300 2014 JC_{39} 2 26.6 243°.73 1°.3/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.00	+ 8 22.5	1.588	2.409	16.0	22.3
2 1	10 57.63	+ 9 11.0	1.497	2.397	12.2	22.0
2 11	10 50.52	+10 15.6	1.429	2.384	7.7	21.7
2 21	10 41.30	+11 30.2	1.386	2.371	2.8	21.4
3 2	10 31.03	+12 46.2	1.371	2.357	3.2	21.4
3 12	10 21.10	+13 54.2	1.384	2.343	8.3	21.6
3 22	10 12.76	+14 47.0	1.422	2.328	13.1	21.9
4 1	10 7.01	+15 20.6	1.481	2.313	17.2	22.1

150949 2001 TS_{118} 2 26.6 97°.90 4°.0/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.07	− 2 36.8	1.949	2.712	15.5	20.5
2 1	10 58.37	− 3 4.2	1.875	2.730	12.4	20.3
2 11	10 50.50	− 3 14.7	1.824	2.747	8.9	20.1
2 21	10 41.14	− 3 8.9	1.798	2.764	5.5	19.9
3 2	10 31.24	− 2 49.2	1.801	2.780	4.0	19.9
3 12	10 21.87	− 2 20.3	1.834	2.796	6.2	20.0
3 22	10 13.94	− 1 47.5	1.893	2.812	9.6	20.3
4 1	10 8.15	− 1 16.2	1.977	2.828	12.7	20.5

34612 2000 UN_{13} 2 26.6 181°.54 1°.7/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.77	+ 0 37.2	2.882	3.651	10.9	19.7
2 1	10 52.36	+ 0 48.7	2.788	3.652	8.5	19.5
2 11	10 46.51	+ 1 11.7	2.718	3.652	5.8	19.3
2 21	10 39.66	+ 1 44.3	2.676	3.652	3.0	19.2
3 2	10 32.38	+ 2 23.6	2.665	3.651	1.9	19.1
3 12	10 25.34	+ 3 5.8	2.685	3.650	4.3	19.2
3 22	10 19.14	+ 3 47.1	2.733	3.649	7.1	19.4
4 1	10 14.27	+ 4 23.9	2.808	3.648	9.7	19.6

165680 2001 OY_{58} 2 26.6 214°.13 1°.2/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.10	+ 1 28.8	2.479	3.261	12.1	20.4
2 1	10 52.13	+ 2 5.1	2.383	3.256	9.4	20.2
2 11	10 46.50	+ 2 55.7	2.311	3.252	6.2	20.0
2 21	10 39.69	+ 3 57.7	2.267	3.247	2.9	19.7
3 2	10 32.36	+ 5 6.5	2.254	3.242	1.6	19.6
3 12	10 25.27	+ 6 16.5	2.270	3.236	4.9	19.8
3 22	10 19.12	+ 7 22.4	2.315	3.231	8.3	20.0
4 1	10 14.51	+ 8 19.6	2.386	3.225	11.2	20.2

246795 2009 EX_4 2 26.6 48°.82 0°.2/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.03	+ 6 12.3	2.191	2.995	12.7	20.4
2 1	10 52.94	+ 6 37.6	2.112	3.001	9.7	20.2
2 11	10 47.04	+ 7 14.2	2.057	3.007	6.1	20.0
2 21	10 39.88	+ 7 58.3	2.029	3.013	2.3	19.8
3 2	10 32.23	+ 8 45.1	2.030	3.019	1.7	19.8
3 12	10 24.96	+ 9 29.3	2.061	3.025	5.5	20.0
3 22	10 18.83	+10 6.5	2.119	3.031	9.1	20.2
4 1	10 14.44	+10 33.6	2.201	3.038	12.1	20.5

323444 2004 HG_{11} 2 26.6 262°.08 8°.3/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 6.20	+29 12.3	1.790	2.620	14.0	20.4
2 1	11 0.62	+30 22.4	1.722	2.614	11.3	20.2
2 11	10 52.24	+31 26.7	1.677	2.607	9.0	20.0
2 21	10 41.86	+32 15.0	1.658	2.600	8.3	19.9
3 2	10 30.70	+32 39.1	1.665	2.593	9.6	20.0
3 12	10 20.21	+32 34.6	1.698	2.586	12.2	20.1
3 22	10 11.59	+32 2.0	1.754	2.579	15.1	20.3
4 1	10 5.67	+31 5.2	1.829	2.572	17.7	20.5

458973 2011 WT_{36} 2 26.6 110°.52 1°.0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.89	+ 8 32.5	1.754	2.565	15.1	22.1
2 1	10 58.42	+ 9 13.4	1.690	2.585	11.3	21.9
2 11	10 50.59	+10 6.2	1.650	2.603	7.0	21.7
2 21	10 41.19	+11 4.9	1.637	2.621	2.5	21.4
3 2	10 31.26	+12 2.3	1.653	2.639	2.6	21.5
3 12	10 21.99	+12 51.5	1.697	2.656	7.0	21.8
3 22	10 14.36	+13 28.0	1.769	2.673	11.1	22.1
4 1	10 9.04	+13 49.5	1.863	2.688	14.5	22.3

14184 1998 WA_{32} 2 26.6 199°.87 0°.6/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.99	+ 4 48.5	2.227	3.024	12.8	18.3
2 1	10 53.70	+ 5 11.6	2.138	3.023	9.8	18.1
2 11	10 47.56	+ 5 47.1	2.074	3.022	6.3	17.9
2 21	10 40.10	+ 6 31.5	2.038	3.021	2.5	17.6
3 2	10 32.08	+ 7 20.4	2.031	3.019	1.6	17.5
3 12	10 24.38	+ 8 8.2	2.053	3.018	5.5	17.8
3 22	10 17.80	+ 8 50.3	2.103	3.016	9.1	18.0
4 1	10 12.96	+ 9 23.0	2.177	3.015	12.2	18.2

351562 2005 UY_{53} 2 26.6 49°.12 5°.0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.49	+16 29.6	1.207	2.057	18.1	20.4
2 1	10 59.13	+17 29.5	1.153	2.068	13.6	20.2
2 11	10 51.51	+18 36.4	1.120	2.079	8.8	19.9
2 21	10 41.62	+19 39.6	1.111	2.090	5.2	19.8
3 2	10 30.98	+20 27.9	1.127	2.102	6.6	19.9
3 12	10 21.31	+20 53.6	1.168	2.114	11.1	20.2
3 22	10 13.97	+20 54.3	1.231	2.127	15.5	20.4
4 1	10 9.78	+20 31.4	1.313	2.139	19.3	20.7

324468 2006 UU_{53} 2 26.6 83°.15 1°.7/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.29	+ 1 27.6	1.732	2.528	15.9	21.4
2 1	10 55.76	+ 1 49.9	1.664	2.544	12.3	21.2
2 11	10 48.97	+ 2 30.3	1.618	2.561	8.2	21.0
2 21	10 40.63	+ 3 24.9	1.598	2.577	3.8	20.7
3 2	10 31.74	+ 4 27.6	1.606	2.594	2.2	20.6
3 12	10 23.42	+ 5 31.2	1.642	2.610	6.2	20.9
3 22	10 16.63	+ 6 28.7	1.705	2.626	10.3	21.2
4 1	10 12.05	+ 7 15.3	1.791	2.642	13.8	21.5

164438 2006 DS 2 26.6 149°.87 0°.5/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 16.72	+ 9 38.7	1.301	2.112	19.4	20.4
2 1	11 9.15	+ 8 59.9	1.226	2.118	14.9	20.1
2 11	10 57.92	+ 8 29.5	1.172	2.123	9.6	19.8
2 21	10 44.03	+ 8 4.4	1.144	2.127	3.7	19.5
3 2	10 29.10	+ 7 41.1	1.143	2.132	2.7	19.4
3 12	10 15.09	+ 7 15.8	1.171	2.135	8.6	19.8
3 22	10 3.62	+ 6 46.3	1.224	2.138	14.0	20.1
4 1	9 55.71	+ 6 11.0	1.298	2.141	18.5	20.4

469131 2015 EU_{23} 2 26.6 110°.22 1°.3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.68	+ 8 30.0	2.167	2.980	12.5	20.9
2 1	10 52.74	+ 9 36.7	2.091	2.988	9.4	20.7
2 11	10 46.96	+10 55.0	2.040	2.995	5.8	20.5
2 21	10 39.90	+12 19.1	2.017	3.002	2.1	20.3
3 2	10 32.32	+13 42.0	2.024	3.008	2.7	20.3
3 12	10 25.11	+14 56.9	2.060	3.015	6.3	20.6
3 22	10 19.06	+15 58.6	2.124	3.022	9.8	20.8
4 1	10 14.76	+16 44.3	2.212	3.028	12.8	21.0

210562 1999 TY_{168} 2 26.6 187°.88 1°.4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.08	+10 59.7	1.942	2.753	13.8	20.8
2 1	10 58.58	+11 27.2	1.858	2.753	10.5	20.6
2 11	10 50.78	+12 3.5	1.799	2.752	6.5	20.4
2 21	10 41.33	+12 43.5	1.767	2.751	2.5	20.1
3 2	10 31.20	+13 21.3	1.764	2.749	2.9	20.1
3 12	10 21.50	+13 51.3	1.791	2.746	7.0	20.4
3 22	10 13.24	+14 9.7	1.844	2.744	10.9	20.6
4 1	10 7.17	+14 14.6	1.921	2.740	14.3	20.8

326356 2000 SP_{361} 2 26.6 145°.06 2°.8/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.28	+15 21.6	2.342	3.158	11.6	21.6
2 1	10 56.05	+16 15.4	2.271	3.169	8.7	21.4
2 11	10 48.96	+17 13.8	2.225	3.179	5.5	21.2
2 21	10 40.62	+18 11.1	2.209	3.188	3.0	21.0
3 2	10 31.81	+19 1.5	2.223	3.197	3.9	21.1
3 12	10 23.43	+19 40.0	2.266	3.205	6.9	21.3
3 22	10 16.26	+20 4.1	2.337	3.213	9.9	21.5
4 1	10 10.88	+20 12.9	2.431	3.220	12.6	21.7

152416 2005 UW_{365} 2 26.6 282°.13 0°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.86	+ 3 7.7	1.405	2.224	17.8	19.9
2 1	10 55.55	+ 3 44.1	1.317	2.212	13.9	19.6
2 11	10 49.37	+ 4 43.5	1.249	2.200	9.1	19.3
2 21	10 40.97	+ 6 1.7	1.205	2.188	3.7	19.0
3 2	10 31.47	+ 7 30.3	1.187	2.176	2.3	18.8
3 12	10 22.31	+ 8 58.3	1.196	2.164	8.0	19.1
3 22	10 14.86	+10 15.8	1.229	2.152	13.2	19.4
4 1	10 10.13	+11 15.5	1.283	2.141	17.8	19.6

467490 2006 TY_{97} 2 26.6 179°.98 6°.4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.31	−21 38.3	3.484	4.098	11.7	22.7
2 1	10 51.91	−21 50.5	3.380	4.099	10.4	22.6
2 11	10 46.21	−21 44.3	3.295	4.100	8.9	22.5
2 21	10 39.60	−21 18.9	3.234	4.100	7.5	22.4
3 2	10 32.60	−20 34.7	3.200	4.100	6.6	22.3
3 12	10 25.78	−19 34.0	3.193	4.099	6.5	22.3
3 22	10 19.69	−18 20.9	3.215	4.098	7.3	22.3
4 1	10 14.78	−17 0.4	3.264	4.096	8.7	22.4

309411 2007 TB_{303} 2 26.6 35°.42 0°.6/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.80	+ 5 12.5	1.334	2.160	18.1	20.8
2 1	10 56.06	+ 5 31.4	1.269	2.169	13.9	20.6
2 11	10 49.49	+ 6 8.7	1.224	2.178	8.9	20.3
2 21	10 40.92	+ 6 59.1	1.204	2.188	3.5	20.0
3 2	10 31.60	+ 7 55.0	1.209	2.198	2.3	20.0
3 12	10 22.98	+ 8 47.6	1.241	2.209	7.7	20.3
3 22	10 16.28	+ 9 29.8	1.296	2.220	12.6	20.6
4 1	10 12.31	+ 9 57.0	1.373	2.232	16.7	20.9

502578 2015 BP_{507} 2 26.6 218°.85 0°.6/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.09	+ 4 45.8	2.139	2.939	13.2	21.7
2 1	10 53.88	+ 5 10.7	2.051	2.937	10.1	21.5
2 11	10 47.74	+ 5 48.5	1.987	2.935	6.5	21.2
2 21	10 40.22	+ 6 35.9	1.950	2.933	2.6	21.0
3 2	10 32.11	+ 7 27.9	1.942	2.931	1.7	20.9
3 12	10 24.33	+ 8 18.8	1.963	2.929	5.6	21.2
3 22	10 17.71	+ 9 3.4	2.012	2.926	9.4	21.4
4 1	10 12.89	+ 9 38.1	2.085	2.924	12.6	21.6

244794 2003 SM_{233} 2 26.6 239°.43 0°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.96	+ 6 24.2	1.962	2.766	14.0	21.5
2 1	10 56.39	+ 7 10.6	1.861	2.751	10.7	21.2
2 11	10 49.55	+ 8 12.2	1.783	2.734	6.8	21.0
2 21	10 40.96	+ 9 24.2	1.733	2.718	2.5	20.6
3 2	10 31.50	+10 40.0	1.713	2.700	2.3	20.6
3 12	10 22.25	+11 51.9	1.721	2.682	6.8	20.8
3 22	10 14.25	+12 53.2	1.757	2.663	11.0	21.0
4 1	10 8.32	+13 39.6	1.817	2.643	14.7	21.2

400550 2008 UV_{320} 2 26.6 228°.75 4°.3/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.09	− 4 41.5	1.828	2.590	16.4	22.4
2 1	10 57.42	− 4 41.3	1.726	2.579	13.4	22.1
2 11	10 50.29	− 4 19.1	1.644	2.566	9.8	21.9
2 21	10 41.26	− 3 35.0	1.588	2.553	6.1	21.6
3 2	10 31.26	− 2 32.3	1.559	2.538	4.3	21.5
3 12	10 21.47	− 1 17.8	1.558	2.524	6.8	21.6
3 22	10 13.03	+ 0 0.6	1.585	2.508	10.8	21.8
4 1	10 6.83	+ 1 14.7	1.636	2.491	14.7	22.0

97084 1999 VJ_{45} 2 26.6 146°.81 2°.8/23.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.11	+16 24.4	2.399	3.215	11.4	20.1
2 1	10 56.62	+17 4.5	2.326	3.224	8.5	20.0
2 11	10 49.31	+17 47.7	2.279	3.232	5.4	19.8
2 21	10 40.75	+18 29.1	2.261	3.240	3.0	19.6
3 2	10 31.75	+19 3.3	2.273	3.247	3.9	19.7
3 12	10 23.18	+19 26.3	2.315	3.254	6.8	19.9
3 22	10 15.82	+19 35.9	2.384	3.260	9.8	20.1
4 1	10 10.24	+19 31.7	2.477	3.266	12.4	20.3

492605 2014 OH_{210} 2 26.6 265°.52 0°.4/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.58	+ 5 54.4	1.553	2.367	16.6	22.0
2 1	10 58.20	+ 6 9.9	1.458	2.352	12.9	21.7
2 11	10 50.98	+ 6 41.7	1.385	2.336	8.4	21.4
2 21	10 41.57	+ 7 25.8	1.336	2.320	3.2	21.1
3 2	10 31.02	+ 8 16.0	1.315	2.303	2.3	21.0
3 12	10 20.77	+ 9 4.5	1.321	2.287	7.7	21.2
3 22	10 12.14	+ 9 44.2	1.352	2.270	12.7	21.5
4 1	10 6.14	+10 10.4	1.405	2.252	17.1	21.7

365122 2009 CJ_{65} 2 26.6 254°.22 1°.4/25.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.21	+ 9 18.7	1.801	2.618	14.5	21.9
2 1	10 56.80	+10 5.1	1.704	2.602	11.1	21.6
2 11	10 49.92	+11 5.1	1.630	2.585	7.0	21.3
2 21	10 41.13	+12 13.1	1.583	2.567	2.6	21.0
3 2	10 31.39	+13 21.5	1.564	2.549	3.1	21.0
3 12	10 21.91	+14 22.2	1.574	2.531	7.7	21.3
3 22	10 13.80	+15 9.3	1.610	2.512	12.1	21.5
4 1	10 7.97	+15 39.0	1.668	2.493	15.9	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
84824 2002 YK_{24}			2 26.6 105°.30		0°.6/27.1 18	
	h m	° ′			°	m
1 22	11 1.53	+ 4 46.6	1.901	2.701	14.5	20.4
2 1	10 56.53	+ 5 12.6	1.832	2.717	11.1	20.2
2 11	10 49.40	+ 5 52.5	1.785	2.733	7.1	20.0
2 21	10 40.82	+ 6 42.1	1.766	2.749	2.8	19.7
3 2	10 31.72	+ 7 35.5	1.775	2.764	1.8	19.7
3 12	10 23.17	+ 8 26.5	1.814	2.779	6.1	20.0
3 22	10 16.04	+ 9 9.8	1.880	2.793	10.0	20.2
4 1	10 11.00	+ 9 41.7	1.969	2.807	13.3	20.5
221316 2005 VW_{50}			2 26.6 110°.98		0°.5/27.1 18	
1 22	10 58.88	+ 3 46.7	1.992	2.791	14.0	21.2
2 1	10 54.50	+ 4 30.6	1.918	2.803	10.7	21.0
2 11	10 48.12	+ 5 29.7	1.868	2.816	6.9	20.8
2 21	10 40.36	+ 6 39.4	1.845	2.828	2.7	20.6
3 2	10 32.07	+ 7 53.4	1.851	2.839	1.7	20.5
3 12	10 24.24	+ 9 4.5	1.886	2.851	5.9	20.8
3 22	10 17.70	+10 6.8	1.949	2.862	9.7	21.1
4 1	10 13.09	+10 56.2	2.036	2.873	13.0	21.3
462897 2010 XD_{23}			2 26.6 67°.32		3°.4/23.9 18	
1 22	11 1.06	+14 43.5	1.676	2.509	14.7	21.7
2 1	10 56.57	+15 37.0	1.609	2.515	11.0	21.5
2 11	10 49.62	+16 37.7	1.565	2.522	7.0	21.3
2 21	10 40.94	+17 38.2	1.547	2.528	3.6	21.1
3 2	10 31.63	+18 30.3	1.558	2.535	4.8	21.2
3 12	10 22.90	+19 7.3	1.595	2.541	8.6	21.4
3 22	10 15.82	+19 25.9	1.657	2.548	12.5	21.7
4 1	10 11.11	+19 25.3	1.741	2.554	15.8	21.9
8026 Johnmckay			2 26.6 153°.27		13°.5/ 9.9 18	R
1 22	11 0.91	−24 15.5	1.366	2.043	24.7	18.3
2 1	10 57.34	−25 5.6	1.287	2.048	22.2	18.1
2 11	10 50.62	−25 13.8	1.222	2.052	19.4	17.9
2 21	10 41.47	−24 32.8	1.173	2.056	16.5	17.7
3 2	10 31.16	−22 59.8	1.144	2.060	14.2	17.6
3 12	10 21.37	−20 41.0	1.137	2.063	13.6	17.5
3 22	10 13.57	−17 50.8	1.154	2.065	15.0	17.6
4 1	10 8.84	−14 47.8	1.193	2.067	17.7	17.8
327491 2005 YG_{181}			2 26.6 151°.20		0°.5/27.2 18	
1 22	10 57.77	+ 2 53.4	2.158	2.951	13.3	21.1
2 1	10 53.59	+ 3 49.8	2.075	2.957	10.2	20.9
2 11	10 47.54	+ 5 2.1	2.016	2.962	6.6	20.7
2 21	10 40.16	+ 6 25.9	1.985	2.968	2.6	20.4
3 2	10 32.24	+ 7 54.6	1.984	2.972	1.7	20.4
3 12	10 24.66	+ 9 21.0	2.013	2.977	5.6	20.6
3 22	10 18.24	+10 38.5	2.070	2.981	9.3	20.9
4 1	10 13.59	+11 42.7	2.152	2.985	12.5	21.1
455227 2001 RR_{67}			2 26.6 91°.58		1°.8/25.3 18	
1 22	11 6.22	+13 5.6	1.842	2.657	14.3	20.8
2 1	11 0.09	+13 20.0	1.777	2.674	10.7	20.6
2 11	10 51.63	+13 40.2	1.737	2.691	6.7	20.4
2 21	10 41.64	+14 1.1	1.724	2.708	2.7	20.1
3 2	10 31.17	+14 17.5	1.740	2.724	3.2	20.2
3 12	10 21.39	+14 24.9	1.786	2.740	7.1	20.5
3 22	10 13.28	+14 21.2	1.858	2.756	10.9	20.7
4 1	10 7.49	+14 5.6	1.953	2.772	14.1	21.0
108712 2001 OF_{22}			2 26.6 175°.49		0°.6/25.9 17	
1 22	10 59.35	+ 9 41.4	2.991	3.787	9.9	20.8
2 1	10 54.25	+10 3.8	2.903	3.789	7.4	20.6
2 11	10 47.71	+10 32.3	2.841	3.791	4.6	20.5
2 21	10 40.18	+11 4.0	2.808	3.793	1.7	20.2
3 2	10 32.25	+11 35.3	2.807	3.794	1.7	20.3
3 12	10 24.60	+12 2.8	2.837	3.794	4.7	20.5
3 22	10 17.81	+12 23.8	2.897	3.794	7.5	20.6
4 1	10 12.38	+12 36.4	2.982	3.794	9.9	20.8
240064 2001 XY_{139}			2 26.6 98°.34		2°.5/23.8 18	
1 22	10 58.25	+14 49.6	2.481	3.299	11.0	20.7
2 1	10 53.66	+15 39.5	2.414	3.314	8.1	20.6
2 11	10 47.42	+16 33.8	2.374	3.328	5.1	20.4
2 21	10 40.08	+17 27.5	2.363	3.343	2.7	20.3
3 2	10 32.36	+18 15.1	2.381	3.357	3.5	20.4
3 12	10 25.04	+18 52.5	2.429	3.370	6.4	20.6
3 22	10 18.82	+19 17.0	2.504	3.384	9.2	20.8
4 1	10 14.20	+19 27.5	2.603	3.398	11.7	20.9
146969 2002 LZ_{25}			2 26.6 179°.32		2°.4/28.4 18	
1 22	11 5.53	+ 0 53.4	1.753	2.536	16.3	20.4
2 1	10 59.94	+ 0 57.3	1.666	2.538	12.8	20.2
2 11	10 51.81	+ 1 18.9	1.602	2.539	8.7	19.9
2 21	10 41.81	+ 1 56.0	1.563	2.540	4.4	19.7
3 2	10 30.98	+ 2 44.0	1.553	2.540	2.7	19.6
3 12	10 20.59	+ 3 36.1	1.572	2.539	6.6	19.8
3 22	10 11.76	+ 4 25.6	1.618	2.537	10.9	20.1
4 1	10 5.33	+ 5 7.0	1.688	2.534	14.8	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
419214 2009 UO_{132}			2 26.6 134°.88		5°.7/ 3.3 18	
	h m	° ′			°	m
1 22	11 0.40	− 9 52.0	2.210	2.934	15.1	21.1
2 1	10 55.56	−10 17.1	2.124	2.942	12.6	20.9
2 11	10 48.79	−10 22.1	2.059	2.951	9.8	20.8
2 21	10 40.63	−10 6.4	2.019	2.959	7.2	20.6
3 2	10 31.90	− 9 31.6	2.006	2.966	5.8	20.5
3 12	10 23.51	− 8 42.0	2.022	2.974	6.7	20.6
3 22	10 16.30	− 7 43.5	2.065	2.981	9.1	20.8
4 1	10 10.92	− 6 42.7	2.133	2.987	11.8	20.9
118678 2000 LH_{22}			2 26.6 220°.05		1°.2/27.9 17	
1 22	10 58.95	+ 1 47.7	2.255	3.038	13.1	20.3
2 1	10 54.53	+ 2 20.8	2.155	3.030	10.2	20.1
2 11	10 48.19	+ 3 9.4	2.079	3.020	6.8	19.9
2 21	10 40.44	+ 4 10.5	2.031	3.011	3.1	19.6
3 2	10 32.04	+ 5 19.3	2.012	3.000	1.8	19.5
3 12	10 23.86	+ 6 29.5	2.023	2.989	5.4	19.8
3 22	10 16.75	+ 7 35.1	2.063	2.978	9.1	20.0
4 1	10 11.39	+ 8 31.3	2.128	2.966	12.4	20.1
118425 1999 TG_{114}			2 26.6 147°.24		1°.3/27.6 18	
1 22	11 2.28	+ 2 41.0	1.471	2.279	17.7	20.6
2 1	10 57.84	+ 3 8.4	1.395	2.283	13.7	20.3
2 11	10 50.63	+ 3 56.4	1.340	2.288	9.0	20.0
2 21	10 41.40	+ 5 0.6	1.310	2.292	3.9	19.7
3 2	10 31.32	+ 6 13.7	1.307	2.295	2.3	19.6
3 12	10 21.80	+ 7 26.1	1.331	2.299	7.4	20.0
3 22	10 14.06	+ 8 29.5	1.380	2.302	12.2	20.2
4 1	10 8.98	+ 9 18.2	1.452	2.304	16.4	20.5
454938 2015 TN_{177}			2 26.6 98°.91		0°.9/25.9 18	
1 22	11 4.12	+ 7 17.5	1.566	2.380	16.4	21.7
2 1	10 58.82	+ 8 12.6	1.508	2.404	12.4	21.5
2 11	10 50.99	+ 9 22.5	1.473	2.427	7.7	21.3
2 21	10 41.44	+10 40.0	1.464	2.449	2.7	21.1
3 2	10 31.36	+11 56.2	1.484	2.471	2.8	21.1
3 12	10 22.04	+13 2.6	1.532	2.492	7.5	21.5
3 22	10 14.54	+13 53.5	1.606	2.513	11.8	21.7
4 1	10 9.55	+14 26.2	1.703	2.533	15.4	22.0
110291 2001 SB_{263}			2 26.7 253°.58		0°.3/27.0 18	
1 22	10 56.92	+ 5 19.0	2.363	3.161	12.1	19.8
2 1	10 52.87	+ 5 47.1	2.269	3.155	9.3	19.6
2 11	10 47.07	+ 6 27.0	2.200	3.148	6.0	19.4
2 21	10 40.01	+ 7 15.3	2.158	3.141	2.3	19.1
3 2	10 32.39	+ 8 7.5	2.146	3.134	1.6	19.0
3 12	10 25.03	+ 8 58.3	2.163	3.127	5.3	19.3
3 22	10 18.68	+ 9 43.0	2.208	3.120	8.8	19.5
4 1	10 13.95	+10 18.2	2.278	3.113	11.8	19.7
145709 Rocknowar			2 26.7 101°.28		1°.4/27.7 18	
1 22	11 6.40	+ 4 29.8	1.912	2.700	14.9	19.5
2 1	11 0.13	+ 4 20.5	1.843	2.721	11.5	19.3
2 11	10 51.64	+ 4 23.4	1.798	2.741	7.5	19.1
2 21	10 41.66	+ 4 35.8	1.780	2.760	3.3	18.9
3 2	10 31.19	+ 4 53.9	1.791	2.779	2.0	18.8
3 12	10 21.35	+ 5 13.0	1.832	2.798	6.0	19.1
3 22	10 13.07	+ 5 29.1	1.901	2.816	9.8	19.4
4 1	10 7.01	+ 5 39.0	1.995	2.834	13.1	19.6
680 Genoveva			2 26.7 253°.05		5°.9/18.9 18	
1 22	11 2.25	+29 43.5	2.873	3.688	9.7	15.1
2 1	10 56.80	+30 43.7	2.786	3.668	7.9	14.9
2 11	10 49.51	+31 39.8	2.725	3.647	6.4	14.8
2 21	10 40.91	+32 25.7	2.692	3.626	6.0	14.7
3 2	10 31.72	+32 56.1	2.689	3.605	7.0	14.8
3 12	10 22.79	+33 7.7	2.713	3.583	8.8	14.8
3 22	10 14.92	+32 59.7	2.762	3.561	10.9	15.0
4 1	10 8.73	+32 33.3	2.833	3.538	12.8	15.1
67494 2000 RL_{28}			2 26.7 254°.26		0°.5/27.0 18	
1 22	11 3.51	+ 5 38.4	1.795	2.598	15.2	19.6
2 1	10 58.61	+ 5 52.6	1.692	2.579	11.8	19.3
2 11	10 51.13	+ 6 21.1	1.611	2.559	7.7	19.0
2 21	10 41.64	+ 7 0.7	1.556	2.539	3.0	18.7
3 2	10 31.10	+ 7 46.1	1.530	2.518	2.1	18.6
3 12	10 20.76	+ 8 30.6	1.532	2.497	7.0	18.8
3 22	10 11.81	+ 9 8.1	1.562	2.475	11.6	19.0
4 1	10 5.20	+ 9 34.3	1.614	2.453	15.7	19.2
208589 2002 CW_{117}			2 26.7 338°.83		0°.6/26.3 18	
1 22	11 3.36	+ 9 22.6	1.396	2.224	17.3	20.1
2 1	10 58.88	+ 9 26.8	1.318	2.221	13.2	19.8
2 11	10 51.41	+ 9 43.1	1.261	2.217	8.4	19.5
2 21	10 41.73	+10 6.6	1.229	2.214	3.0	19.2
3 2	10 31.09	+10 31.0	1.223	2.211	2.8	19.2
3 12	10 21.04	+10 49.5	1.244	2.209	8.2	19.5
3 22	10 12.90	+10 57.3	1.288	2.207	13.2	19.7
4 1	10 7.63	+10 51.7	1.354	2.205	17.4	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
340694 2006 SW_8			2 26.7 151°.75		2°.7/ 1.1 17	
	h m	° ′			°	m
1 22	10 55.96	− 3 45.9	2.676	3.430	12.0	21.2
2 1	10 51.90	− 3 27.2	2.585	3.434	9.6	21.1
2 11	10 46.33	− 2 53.2	2.517	3.439	6.9	20.9
2 21	10 39.72	− 2 5.4	2.477	3.443	4.1	20.7
3 2	10 32.67	− 1 7.3	2.467	3.448	2.8	20.6
3 12	10 25.89	− 0 3.5	2.486	3.451	4.6	20.8
3 22	10 20.00	+ 1 1.0	2.534	3.455	7.4	20.9
4 1	10 15.52	+ 2 1.4	2.609	3.458	10.1	21.1
401164 2011 WV_{53}			2 26.7 149°.47		3°.9/23.3 18	
1 22	11 4.64	+16 30.3	1.794	2.620	14.2	21.4
2 1	10 59.17	+17 30.7	1.726	2.628	10.7	21.2
2 11	10 51.23	+18 36.4	1.682	2.635	6.9	20.9
2 21	10 41.57	+19 39.7	1.665	2.642	4.1	20.8
3 2	10 31.27	+20 32.3	1.677	2.649	5.3	20.9
3 12	10 21.56	+21 8.1	1.717	2.654	8.8	21.1
3 22	10 13.50	+21 24.3	1.782	2.659	12.5	21.3
4 1	10 7.83	+21 21.0	1.869	2.664	15.6	21.5
180559 2004 ES_{53}			2 26.7 51°.81		4°.0/23.4 18	
1 22	11 0.06	+14 9.1	1.412	2.256	16.3	19.3
2 1	10 56.05	+15 28.7	1.363	2.275	12.1	19.1
2 11	10 49.37	+16 57.1	1.336	2.295	7.6	18.9
2 21	10 40.88	+18 24.1	1.335	2.315	4.2	18.7
3 2	10 31.84	+19 39.1	1.361	2.336	5.6	18.9
3 12	10 23.61	+20 34.0	1.412	2.357	9.7	19.1
3 22	10 17.28	+21 5.2	1.487	2.378	13.6	19.4
4 1	10 13.56	+21 12.6	1.583	2.399	17.0	19.7
63951 2001 SP_{62}			2 26.7 77°.63		0°.1/26.5 18	
1 22	10 58.47	+ 6 57.6	2.276	3.078	12.4	20.0
2 1	10 53.92	+ 7 25.5	2.207	3.096	9.3	19.8
2 11	10 47.63	+ 8 3.3	2.164	3.114	5.9	19.6
2 21	10 40.19	+ 8 47.3	2.148	3.132	2.1	19.4
3 2	10 32.36	+ 9 32.6	2.162	3.150	1.7	19.4
3 12	10 24.97	+10 14.2	2.205	3.167	5.4	19.7
3 22	10 18.74	+10 48.3	2.276	3.185	8.7	19.9
4 1	10 14.20	+11 12.2	2.372	3.202	11.6	20.1
351646 2005 YD_{91}			2 26.7 18°.31		0°.4/26.4 18	
1 22	10 58.22	+ 6 23.4	1.163	2.005	19.2	20.7
2 1	10 55.30	+ 6 56.8	1.099	2.008	14.7	20.4
2 11	10 49.26	+ 7 50.5	1.055	2.013	9.3	20.2
2 21	10 40.96	+ 8 57.9	1.033	2.018	3.4	19.8
3 2	10 31.75	+10 8.9	1.036	2.024	2.8	19.8
3 12	10 23.27	+11 12.7	1.063	2.031	8.8	20.2
3 22	10 16.89	+12 0.8	1.113	2.039	14.1	20.5
4 1	10 13.51	+12 28.9	1.183	2.048	18.5	20.8
151032 2001 UM_{169}			2 26.7 133°.67		4°.6/21.9 18	
1 22	11 5.50	+22 34.7	2.424	3.240	11.3	20.1
2 1	10 59.15	+23 28.4	2.364	3.257	8.6	19.9
2 11	10 50.89	+24 20.6	2.330	3.273	6.0	19.8
2 21	10 41.38	+25 5.1	2.325	3.289	4.6	19.7
3 2	10 31.48	+25 36.5	2.351	3.303	5.6	19.8
3 12	10 22.13	+25 51.4	2.405	3.317	8.0	20.0
3 22	10 14.12	+25 49.0	2.486	3.331	10.5	20.2
4 1	10 8.04	+25 30.3	2.591	3.343	12.8	20.3
491269 2011 UP_{315}			2 26.7 208°.56		2°.4/24.4 17	
1 22	11 3.52	+12 30.5	2.024	2.838	13.3	22.5
2 1	10 58.23	+13 28.0	1.934	2.831	10.0	22.2
2 11	10 50.67	+14 34.8	1.869	2.824	6.3	22.0
2 21	10 41.41	+15 44.8	1.833	2.815	2.9	21.8
3 2	10 31.38	+16 50.4	1.826	2.805	3.8	21.8
3 12	10 21.68	+17 44.7	1.848	2.795	7.6	22.0
3 22	10 13.31	+18 23.3	1.898	2.784	11.4	22.2
4 1	10 7.05	+18 44.2	1.971	2.771	14.7	22.4
83662 2001 TB_{18}			2 26.7 132°.41		9°.2/15.3 18	
1 22	11 4.94	+39 20.6	2.412	3.215	11.7	19.0
2 1	10 59.17	+40 39.3	2.363	3.217	10.2	18.9
2 11	10 51.12	+41 45.5	2.339	3.219	9.3	18.8
2 21	10 41.51	+42 31.4	2.341	3.221	9.4	18.8
3 2	10 31.39	+42 51.5	2.368	3.223	10.4	18.9
3 12	10 21.91	+42 43.8	2.419	3.225	11.9	19.0
3 22	10 14.03	+42 9.9	2.491	3.227	13.6	19.1
4 1	10 8.41	+41 13.4	2.581	3.229	15.2	19.2
127943 2003 HW_3			2 26.7 319°.42		1°.7/25.6 18	
1 22	10 59.37	+ 9 54.5	1.245	2.088	18.1	20.2
2 1	10 56.33	+10 22.7	1.161	2.073	13.8	19.9
2 11	10 50.11	+11 6.7	1.098	2.057	8.8	19.6
2 21	10 41.37	+12 0.1	1.057	2.042	3.3	19.2
3 2	10 31.38	+12 53.8	1.042	2.028	3.7	19.2
3 12	10 21.83	+13 37.7	1.051	2.015	9.5	19.5
3 22	10 14.23	+14 4.9	1.083	2.002	15.0	19.7
4 1	10 9.71	+14 11.8	1.134	1.991	19.7	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
413100 2001 UE_{106}			2 26.7 34°.95		10°.0/20.4 18	
	h m	° ′			°	m
1 22	11 6.90	+30 9.7	1.313	2.159	17.2	20.4
2 1	11 1.53	+31 18.4	1.278	2.177	13.8	20.2
2 11	10 52.88	+32 15.7	1.264	2.197	11.0	20.1
2 21	10 42.15	+32 49.8	1.273	2.218	10.0	20.1
3 2	10 31.00	+32 52.5	1.307	2.239	11.2	20.2
3 12	10 21.16	+32 22.0	1.363	2.262	13.9	20.4
3 22	10 13.85	+31 22.1	1.441	2.284	16.8	20.7
4 1	10 9.73	+29 59.5	1.537	2.308	19.4	20.9
295843 2008 VX_{29}			2 26.7 233°.49		1°.4/27.9 17	
1 22	10 59.46	+ 3 9.2	2.145	2.936	13.4	21.1
2 1	10 54.94	+ 3 13.6	2.055	2.933	10.4	20.9
2 11	10 48.46	+ 3 30.9	1.989	2.931	6.9	20.6
2 21	10 40.57	+ 3 58.8	1.949	2.929	3.2	20.4
3 2	10 32.07	+ 4 33.4	1.939	2.927	1.9	20.3
3 12	10 23.90	+ 5 9.8	1.957	2.924	5.5	20.5
3 22	10 16.89	+ 5 43.3	2.004	2.922	9.2	20.8
4 1	10 11.72	+ 6 10.1	2.074	2.919	12.4	21.0
85283 1994 PO_{21}			2 26.7 173°.87		0°.5/25.9 18	
1 22	10 57.03	+ 8 32.7	2.930	3.728	10.0	20.7
2 1	10 52.58	+ 9 6.6	2.843	3.730	7.5	20.6
2 11	10 46.71	+ 9 48.1	2.781	3.732	4.7	20.4
2 21	10 39.87	+10 33.8	2.749	3.734	1.7	20.2
3 2	10 32.63	+11 19.7	2.748	3.735	1.7	20.2
3 12	10 25.64	+12 1.9	2.778	3.736	4.7	20.4
3 22	10 19.49	+12 37.2	2.836	3.736	7.5	20.6
4 1	10 14.67	+13 3.3	2.920	3.736	10.0	20.7
165844 2001 SB_6			2 26.7 92°.73		0°.1/26.6 18	
1 22	10 58.38	+ 6 41.7	2.393	3.192	11.9	20.7
2 1	10 53.78	+ 7 14.3	2.324	3.211	9.0	20.6
2 11	10 47.52	+ 7 56.8	2.279	3.229	5.7	20.4
2 21	10 40.16	+ 8 45.3	2.263	3.247	2.1	20.2
3 2	10 32.42	+ 9 35.0	2.277	3.265	1.6	20.2
3 12	10 25.10	+10 21.1	2.321	3.283	5.2	20.4
3 22	10 18.88	+10 59.7	2.393	3.300	8.4	20.7
4 1	10 14.27	+11 28.1	2.490	3.317	11.2	20.9
236200 2005 WA_{80}			2 26.7 339°.98		5°.9/22.3 18	
1 22	11 2.04	+18 25.0	1.338	2.188	16.7	19.9
2 1	10 58.07	+19 43.0	1.272	2.186	12.7	19.7
2 11	10 50.99	+21 7.6	1.228	2.184	8.6	19.4
2 21	10 41.61	+22 27.6	1.208	2.182	6.0	19.3
3 2	10 31.28	+23 30.9	1.214	2.181	7.7	19.4
3 12	10 21.64	+24 8.9	1.244	2.179	11.7	19.6
3 22	10 14.07	+24 18.7	1.297	2.178	15.9	19.8
4 1	10 9.50	+24 1.3	1.368	2.177	19.6	20.1
401491 2013 DK_{15}			2 26.7 22°.73		5°.2/29.8 18	
1 22	10 59.58	− 1 52.5	1.118	1.934	21.5	20.2
2 1	10 56.40	− 2 30.3	1.055	1.941	17.3	20.0
2 11	10 50.00	− 2 41.9	1.011	1.950	12.4	19.7
2 21	10 41.26	− 2 27.5	0.987	1.959	7.5	19.5
3 2	10 31.58	− 1 51.2	0.987	1.970	5.2	19.4
3 12	10 22.68	− 1 1.6	1.010	1.981	8.5	19.6
3 22	10 15.96	− 0 8.7	1.056	1.994	13.3	19.9
4 1	10 12.37	+ 0 38.3	1.122	2.007	17.7	20.2
328235 2008 FH_{58}			2 26.7 136°.71		11°.8/16.0 18	
1 22	11 12.36	+40 49.9	1.830	2.635	14.8	20.5
2 1	11 5.48	+42 12.5	1.783	2.636	13.1	20.4
2 11	10 55.39	+43 18.0	1.758	2.637	12.0	20.4
2 21	10 43.13	+43 55.5	1.757	2.638	12.0	20.4
3 2	10 30.23	+43 57.6	1.780	2.639	13.1	20.4
3 12	10 18.41	+43 22.7	1.825	2.640	14.9	20.5
3 22	10 8.99	+42 14.9	1.891	2.641	16.9	20.7
4 1	10 2.73	+40 41.0	1.973	2.642	18.7	20.8
431294 2006 UV_{287}			2 26.7 212°.82		6°.8/ 7.6 17	
1 22	10 56.05	−20 38.5	3.072	3.703	12.8	21.9
2 1	10 51.96	−20 47.8	2.961	3.696	11.4	21.8
2 11	10 46.40	−20 36.5	2.870	3.689	9.7	21.7
2 21	10 39.79	−20 3.6	2.803	3.681	8.1	21.5
3 2	10 32.69	−19 9.4	2.761	3.673	7.0	21.4
3 12	10 25.77	−17 56.8	2.748	3.664	6.9	21.4
3 22	10 19.63	−16 30.6	2.762	3.655	8.0	21.5
4 1	10 14.81	−14 56.9	2.804	3.646	9.6	21.6
79198 1993 TL_{33}			2 26.7 298°.82		2°.6/29.1 18	
1 22	10 56.31	− 2 1.4	1.724	2.513	16.2	18.9
2 1	10 53.08	− 1 28.8	1.632	2.506	12.9	18.6
2 11	10 47.56	− 0 32.7	1.561	2.498	9.0	18.4
2 21	10 40.32	+ 0 44.2	1.515	2.491	4.8	18.1
3 2	10 32.27	+ 2 16.0	1.497	2.484	2.8	17.9
3 12	10 24.54	+ 3 53.7	1.507	2.477	6.4	18.1
3 22	10 18.15	+ 5 27.8	1.543	2.470	10.7	18.4
4 1	10 13.93	+ 6 50.5	1.602	2.463	14.7	18.6

115487 2003 UK_{21} 2 26.7 169°.60 0°.3/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.08	+ 6 28.2	2.339	3.135	12.3	20.2
2 1	10 55.22	+ 6 43.7	2.253	3.137	9.4	20.0
2 11	10 48.54	+ 7 9.2	2.191	3.139	6.0	19.8
2 21	10 40.60	+ 7 41.6	2.157	3.140	2.3	19.5
3 2	10 32.13	+ 8 16.6	2.153	3.142	1.6	19.5
3 12	10 24.00	+ 8 49.8	2.179	3.143	5.3	19.7
3 22	10 16.97	+ 9 17.2	2.234	3.143	8.8	19.9
4 1	10 11.66	+ 9 36.1	2.313	3.144	11.8	20.1

425818 2011 DV_{28} 2 26.7 118°.15 0°.2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.72	+ 5 37.9	2.140	2.937	13.2	22.4
2 1	10 55.76	+ 6 6.8	2.066	2.951	10.1	22.2
2 11	10 48.89	+ 6 47.6	2.017	2.965	6.4	22.0
2 21	10 40.71	+ 7 36.3	1.996	2.979	2.4	21.7
3 2	10 32.06	+ 8 27.7	2.004	2.993	1.7	21.7
3 12	10 23.87	+ 9 16.2	2.042	3.005	5.6	22.0
3 22	10 16.93	+ 9 57.2	2.108	3.018	9.2	22.2
4 1	10 11.85	+10 27.5	2.198	3.030	12.3	22.5

492937 2014 RD_{60} 2 26.7 231°.24 0°.4/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.01	+ 5 2.5	1.894	2.694	14.6	22.7
2 1	10 57.27	+ 5 30.8	1.797	2.682	11.3	22.4
2 11	10 50.17	+ 6 14.3	1.722	2.671	7.3	22.1
2 21	10 41.30	+ 7 9.1	1.675	2.658	2.8	21.8
3 2	10 31.56	+ 8 9.4	1.656	2.645	1.9	21.7
3 12	10 22.09	+ 9 8.2	1.667	2.631	6.6	22.0
3 22	10 13.94	+ 9 59.1	1.704	2.616	10.9	22.2
4 1	10 7.95	+10 37.7	1.765	2.601	14.7	22.4

30063 Jessicashi 2 26.7 217°.26 0°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.42	+ 6 47.5	1.802	2.609	14.9	20.1
2 1	10 57.67	+ 7 30.5	1.710	2.602	11.4	19.8
2 11	10 50.46	+ 8 28.7	1.642	2.593	7.2	19.6
2 21	10 41.41	+ 9 37.0	1.600	2.584	2.6	19.3
3 2	10 31.50	+10 48.2	1.587	2.575	2.4	19.2
3 12	10 21.91	+11 54.2	1.603	2.564	7.1	19.5
3 22	10 13.74	+12 48.7	1.646	2.553	11.5	19.7
4 1	10 7.85	+13 27.5	1.712	2.542	15.3	19.9

428399 2007 SO_{23} 2 26.7 190°.06 5°.1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.15	+23 11.0	2.381	3.208	11.1	20.8
2 1	10 55.38	+24 16.8	2.309	3.207	8.5	20.6
2 11	10 48.69	+25 22.0	2.263	3.207	6.2	20.5
2 21	10 40.67	+26 20.1	2.246	3.206	5.1	20.4
3 2	10 32.12	+27 4.8	2.257	3.204	6.2	20.5
3 12	10 23.97	+27 31.9	2.296	3.203	8.6	20.6
3 22	10 17.01	+27 39.9	2.361	3.201	11.2	20.8
4 1	10 11.88	+27 29.2	2.447	3.199	13.5	20.9

303993 2006 BN_{165} 2 26.7 188°.10 0°.9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.98	+ 7 28.9	1.879	2.687	14.4	21.5
2 1	10 57.16	+ 8 19.8	1.794	2.686	10.9	21.3
2 11	10 50.03	+ 9 24.8	1.733	2.685	6.9	21.1
2 21	10 41.23	+10 38.1	1.699	2.684	2.4	20.8
3 2	10 31.68	+11 52.6	1.695	2.681	2.5	20.8
3 12	10 22.53	+13 0.3	1.720	2.678	7.0	21.0
3 22	10 14.77	+13 55.4	1.771	2.675	11.1	21.3
4 1	10 9.18	+14 34.4	1.847	2.670	14.6	21.5

87968 2000 TS_{33} 2 26.7 206°.89 5°.5/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.28	+23 21.5	2.320	3.146	11.4	20.1
2 1	10 56.36	+24 45.1	2.244	3.141	8.8	19.9
2 11	10 49.40	+26 9.0	2.194	3.136	6.5	19.8
2 21	10 40.97	+27 25.8	2.173	3.129	5.5	19.7
3 2	10 31.89	+28 28.1	2.180	3.122	6.8	19.8
3 12	10 23.16	+29 10.6	2.216	3.115	9.2	19.9
3 22	10 15.65	+29 31.4	2.277	3.107	11.9	20.1
4 1	10 10.06	+29 31.1	2.359	3.099	14.3	20.2

51386 2001 CN_{35} 2 26.7 16°.40 20°.3/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 28.81	+47 26.4	0.991	1.805	23.9	17.5
2 1	11 20.54	+48 57.0	0.957	1.806	21.9	17.3
2 11	11 5.92	+49 52.3	0.938	1.808	20.5	17.3
2 21	10 47.06	+49 50.9	0.935	1.811	20.3	17.3
3 2	10 27.60	+48 40.9	0.951	1.814	21.3	17.3
3 12	10 11.23	+46 26.2	0.984	1.818	23.3	17.5
3 22	10 0.07	+43 23.0	1.034	1.823	25.6	17.6
4 1	9 54.61	+39 50.1	1.098	1.828	27.8	17.9

256195 2006 VY_{88} 2 26.7 119°.09 0°.9/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.55	+ 2 52.2	2.167	2.951	13.5	22.0
2 1	10 56.32	+ 3 28.0	2.096	2.972	10.4	21.8
2 11	10 49.22	+ 4 17.8	2.049	2.992	6.7	21.6
2 21	10 40.84	+ 5 17.7	2.031	3.012	2.8	21.4
3 2	10 32.03	+ 6 22.3	2.042	3.030	1.6	21.4
3 12	10 23.69	+ 7 25.4	2.084	3.048	5.4	21.7
3 22	10 16.62	+ 8 21.7	2.154	3.066	9.0	21.9
4 1	10 11.39	+ 9 7.4	2.249	3.082	12.0	22.1

406522 2007 VR_{226} 2 26.7 161°.77 1°.0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 4.58	+ 9 36.9	2.033	2.837	13.6	22.0
2 1	10 58.86	+10 6.4	1.953	2.844	10.2	21.8
2 11	10 50.96	+10 45.3	1.898	2.850	6.4	21.6
2 21	10 41.53	+11 28.8	1.871	2.855	2.3	21.3
3 2	10 31.49	+12 11.3	1.874	2.860	2.5	21.3
3 12	10 21.93	+12 47.2	1.907	2.864	6.5	21.6
3 22	10 13.76	+13 12.7	1.967	2.867	10.3	21.8
4 1	10 7.68	+13 25.4	2.051	2.870	13.6	22.0

53415 1999 NC_{21} 2 26.7 275°.25 8°.5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.76	−17 3.1	2.516	3.177	14.8	19.0
2 1	10 57.47	−18 22.3	2.408	3.165	13.1	18.9
2 11	10 50.17	−19 23.6	2.320	3.153	11.2	18.7
2 21	10 41.30	−20 3.5	2.257	3.142	9.5	18.6
3 2	10 31.60	−20 20.2	2.220	3.130	8.6	18.5
3 12	10 21.97	−20 14.3	2.210	3.118	8.8	18.5
3 22	10 13.31	−19 49.4	2.226	3.106	10.2	18.6
4 1	10 6.36	−19 11.3	2.267	3.094	12.2	18.7

228065 2008 LF_{11} 2 26.7 198°.69 0°.5/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.27	+ 4 47.1	2.065	2.864	13.6	21.2
2 1	10 54.89	+ 5 13.1	1.978	2.863	10.4	21.0
2 11	10 48.49	+ 5 52.6	1.914	2.861	6.7	20.8
2 21	10 40.64	+ 6 42.0	1.877	2.860	2.7	20.5
3 2	10 32.16	+ 7 36.0	1.869	2.858	1.7	20.5
3 12	10 24.03	+ 8 28.8	1.891	2.856	5.8	20.7
3 22	10 17.10	+ 9 14.8	1.939	2.853	9.7	20.9
4 1	10 12.07	+ 9 50.3	2.012	2.851	13.0	21.2

322725 2000 SM_{47} 2 26.7 229°.91 4°.5/ 2.3 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.68	− 7 26.4	2.292	3.030	14.2	20.9
2 1	10 54.38	− 7 24.2	2.186	3.020	11.7	20.7
2 11	10 48.18	− 7 2.3	2.102	3.009	8.9	20.5
2 21	10 40.56	− 6 20.9	2.043	2.997	6.0	20.3
3 2	10 32.23	− 5 22.3	2.012	2.985	4.5	20.2
3 12	10 24.10	− 4 11.6	2.011	2.972	5.9	20.2
3 22	10 16.99	− 2 55.4	2.037	2.959	8.9	20.4
4 1	10 11.60	− 1 40.2	2.090	2.945	12.0	20.6

283425 2000 SX_{322} 2 26.7 149°.57 4°.1/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.49	− 9 23.7	3.213	3.920	11.1	21.8
2 1	10 52.83	− 9 33.2	3.121	3.930	9.2	21.7
2 11	10 46.85	− 9 28.3	3.051	3.939	7.1	21.5
2 21	10 39.97	− 9 9.2	3.009	3.947	5.2	21.4
3 2	10 32.72	− 8 37.6	2.996	3.956	4.1	21.3
3 12	10 25.70	− 7 56.3	3.012	3.963	4.8	21.4
3 22	10 19.45	− 7 9.2	3.059	3.970	6.6	21.5
4 1	10 14.42	− 6 20.4	3.132	3.977	8.7	21.7

341746 2007 VD_{270} 2 26.7 97°.37 3°.8/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.85	− 4 45.9	2.372	3.124	13.4	20.7
2 1	10 53.54	− 4 55.1	2.284	3.129	10.9	20.6
2 11	10 47.51	− 4 48.0	2.219	3.135	8.0	20.4
2 21	10 40.26	− 4 25.3	2.181	3.141	5.2	20.2
3 2	10 32.50	− 3 49.5	2.171	3.147	3.8	20.1
3 12	10 25.06	− 3 4.9	2.189	3.152	5.4	20.2
3 22	10 18.65	− 2 16.6	2.236	3.158	8.2	20.4
4 1	10 13.87	− 1 29.6	2.308	3.163	11.0	20.6

466902 2015 EJ_{13} 2 26.7 245°.52 1°.5/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.10	+12 11.7	2.150	2.963	12.6	20.7
2 1	10 56.97	+12 28.0	2.063	2.958	9.5	20.5
2 11	10 49.79	+12 50.7	2.000	2.953	6.0	20.2
2 21	10 41.13	+13 15.6	1.964	2.948	2.3	20.0
3 2	10 31.85	+13 37.8	1.958	2.943	2.7	20.0
3 12	10 22.95	+13 53.0	1.982	2.937	6.5	20.2
3 22	10 15.30	+13 58.3	2.033	2.932	10.1	20.4
4 1	10 9.58	+13 52.1	2.107	2.927	13.2	20.6

336747 2010 FD_{81} 2 26.7 49°.62 2°.9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.98	− 3 3.4	2.078	2.851	14.4	20.3
2 1	10 52.36	− 2 42.9	1.994	2.856	11.5	20.1
2 11	10 46.87	− 2 3.4	1.933	2.862	8.1	19.9
2 21	10 40.05	− 1 6.9	1.897	2.868	4.7	19.7
3 2	10 32.69	+ 0 2.0	1.890	2.874	3.0	19.6
3 12	10 25.68	+ 1 16.8	1.912	2.880	5.5	19.7
3 22	10 19.83	+ 2 30.6	1.961	2.886	8.9	20.0
4 1	10 15.75	+ 3 37.6	2.035	2.892	12.1	20.2

41707 2000 UU_{55} 2 26.7 163°.95 2°.4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.24	+12 34.8	2.096	2.908	12.9	19.8
2 1	10 57.84	+13 35.2	2.019	2.915	9.7	19.6
2 11	10 50.33	+14 43.9	1.968	2.922	6.0	19.4
2 21	10 41.33	+15 54.4	1.945	2.927	2.8	19.2
3 2	10 31.74	+16 59.6	1.953	2.932	3.7	19.2
3 12	10 22.58	+17 53.3	1.990	2.935	7.2	19.5
3 22	10 14.76	+18 31.6	2.054	2.938	10.7	19.7
4 1	10 8.96	+18 52.9	2.142	2.940	13.8	19.9

264673 2001 XX_{222} 2 26.7 82°.91 1°.6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.16	+10 34.5	1.810	2.628	14.4	21.3
2 1	10 57.13	+11 13.8	1.749	2.647	10.8	21.1
2 11	10 49.88	+12 2.5	1.712	2.667	6.7	20.9
2 21	10 41.14	+12 54.7	1.701	2.686	2.5	20.7
3 2	10 31.92	+13 43.7	1.720	2.704	3.0	20.7
3 12	10 23.34	+14 23.3	1.767	2.723	7.0	21.0
3 22	10 16.30	+14 49.9	1.840	2.741	10.8	21.3
4 1	10 11.45	+15 1.6	1.936	2.759	14.1	21.5

356336 2010 KK_{38} 2 26.7 351°.61 6°.5/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.81	− 8 7.8	1.250	2.039	21.2	20.7
2 1	10 52.72	− 8 16.0	1.170	2.034	17.7	20.4
2 11	10 47.74	− 7 50.4	1.108	2.031	13.4	20.1
2 21	10 40.54	− 6 50.0	1.067	2.028	9.1	19.9
3 2	10 32.29	− 5 18.8	1.049	2.026	6.5	19.7
3 12	10 24.51	− 3 27.6	1.055	2.024	8.5	19.8
3 22	10 18.54	− 1 30.1	1.084	2.024	12.8	20.1
4 1	10 15.39	+ 0 20.1	1.135	2.024	17.3	20.3

397431 2007 CB_{28} 2 26.7 350°.00 2°.2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.43	+ 3 23.0	1.801	2.593	15.5	20.6
2 1	10 59.08	+ 2 55.7	1.715	2.593	12.2	20.4
2 11	10 51.30	+ 2 41.0	1.651	2.592	8.2	20.1
2 21	10 41.75	+ 2 37.7	1.614	2.592	4.1	19.9
3 2	10 31.43	+ 2 42.9	1.605	2.592	2.6	19.8
3 12	10 21.54	+ 2 52.4	1.625	2.591	6.4	20.0
3 22	10 13.16	+ 3 1.9	1.671	2.591	10.5	20.3
4 1	10 7.08	+ 3 7.4	1.741	2.591	14.2	20.5

327231 2005 QO_{167} 2 26.7 256°.26 3°.9/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.15	− 4 12.0	1.952	2.718	15.4	21.3
2 1	10 55.09	− 4 10.8	1.849	2.704	12.6	21.0
2 11	10 48.82	− 3 49.2	1.767	2.690	9.2	20.8
2 21	10 40.87	− 3 7.7	1.710	2.676	5.7	20.6
3 2	10 32.06	− 2 9.6	1.681	2.661	3.9	20.4
3 12	10 23.46	− 1 0.8	1.680	2.646	6.3	20.5
3 22	10 16.05	+ 0 11.3	1.706	2.631	10.0	20.7
4 1	10 10.66	+ 1 19.6	1.757	2.615	13.7	20.9

156508 2002 CH_{167} 2 26.7 31°.19 2°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.23	+14 21.5	1.738	2.561	14.7	19.5
2 1	10 59.69	+14 28.4	1.664	2.564	11.1	19.2
2 11	10 51.64	+14 40.2	1.613	2.568	7.0	19.0
2 21	10 41.85	+14 51.8	1.589	2.572	3.0	18.8
3 2	10 31.40	+14 57.9	1.593	2.576	3.5	18.8
3 12	10 21.57	+14 54.0	1.625	2.580	7.7	19.1
3 22	10 13.43	+14 38.2	1.683	2.585	11.7	19.3
4 1	10 7.72	+14 10.2	1.764	2.590	15.1	19.5

327410 2005 VH_{58} 2 26.7 266°.18 2°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.69	− 0 12.4	1.979	2.760	14.7	21.1
2 1	10 55.49	− 0 6.8	1.873	2.743	11.7	20.9
2 11	10 49.08	+ 0 16.1	1.789	2.725	8.2	20.6
2 21	10 40.97	+ 0 54.8	1.731	2.706	4.4	20.3
3 2	10 31.99	+ 1 45.5	1.702	2.688	2.7	20.2
3 12	10 23.18	+ 2 42.4	1.701	2.669	6.1	20.4
3 22	10 15.55	+ 3 39.1	1.728	2.650	10.1	20.6
4 1	10 9.92	+ 4 29.4	1.778	2.631	13.9	20.7

349011 2006 UP_{277} 2 26.7 140°.18 1°.4/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.17	+ 1 13.9	2.902	3.673	10.8	22.2
2 1	10 52.69	+ 1 30.9	2.817	3.683	8.4	22.1
2 11	10 46.82	+ 1 59.0	2.756	3.692	5.6	21.9
2 21	10 40.00	+ 2 36.1	2.724	3.701	2.8	21.7
3 2	10 32.80	+ 3 18.9	2.723	3.709	1.6	21.6
3 12	10 25.88	+ 4 3.6	2.752	3.718	4.2	21.8
3 22	10 19.81	+ 4 46.4	2.810	3.726	7.0	22.0
4 1	10 15.06	+ 5 24.0	2.895	3.733	9.5	22.2

341382 2007 TA_{123} 2 26.7 51°.12 0°.6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.67	+ 8 0.3	2.014	2.828	13.3	20.5
2 1	10 53.63	+ 8 36.3	1.945	2.840	10.0	20.3
2 11	10 47.64	+ 9 23.1	1.899	2.852	6.3	20.1
2 21	10 40.34	+10 16.1	1.880	2.865	2.2	19.8
3 2	10 32.55	+11 9.4	1.890	2.878	2.1	19.8
3 12	10 25.23	+11 57.1	1.929	2.891	6.1	20.1
3 22	10 19.17	+12 34.8	1.995	2.904	9.7	20.4
4 1	10 14.98	+12 59.6	2.084	2.917	12.9	20.6

337502 2001 SD_{125} 2 26.7 122°.00 1°.6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.44	− 0 1.0	2.496	3.271	12.2	21.1
2 1	10 52.38	+ 0 31.2	2.413	3.280	9.5	20.9
2 11	10 46.73	+ 1 18.0	2.353	3.289	6.4	20.7
2 21	10 39.99	+ 2 16.4	2.321	3.298	3.2	20.5
3 2	10 32.81	+ 3 22.2	2.319	3.306	1.8	20.4
3 12	10 25.94	+ 4 29.9	2.348	3.315	4.7	20.7
3 22	10 20.04	+ 5 34.2	2.405	3.323	7.8	20.9
4 1	10 15.66	+ 6 30.9	2.488	3.331	10.7	21.1

51646 2001 HA_{62} 2 26.7 255°.58 1°.0/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 4.81	+ 9 19.3	1.444	2.268	17.1	19.1
2 1	11 0.07	+ 9 36.8	1.359	2.260	13.1	18.8
2 11	10 52.30	+10 7.6	1.296	2.251	8.3	18.5
2 21	10 42.22	+10 46.2	1.257	2.242	3.0	18.2
3 2	10 31.06	+11 25.4	1.245	2.233	3.0	18.1
3 12	10 20.35	+11 57.5	1.260	2.223	8.4	18.4
3 22	10 11.51	+12 16.9	1.300	2.214	13.5	18.7
4 1	10 5.53	+12 20.7	1.361	2.204	17.8	18.9

123643 2000 YW_{60} 2 26.7 52°.07 2°.8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.45	+11 53.9	1.639	2.473	14.9	19.6
2 1	10 54.57	+13 9.1	1.585	2.492	11.1	19.4
2 11	10 48.37	+14 34.4	1.554	2.512	6.9	19.2
2 21	10 40.62	+16 1.4	1.550	2.533	3.2	19.0
3 2	10 32.36	+17 20.9	1.574	2.553	4.3	19.1
3 12	10 24.75	+18 25.0	1.625	2.574	8.2	19.4
3 22	10 18.74	+19 9.4	1.701	2.595	12.0	19.7
4 1	10 14.98	+19 32.8	1.799	2.616	15.2	19.9

127083 2002 GO_{70} 2 26.7 82°.86 0°.3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.14	+ 6 22.4	1.947	2.757	13.9	19.9
2 1	10 54.11	+ 7 4.2	1.870	2.762	10.5	19.7
2 11	10 48.04	+ 7 59.6	1.816	2.768	6.6	19.5
2 21	10 40.52	+ 9 3.5	1.789	2.773	2.4	19.2
3 2	10 32.42	+10 9.7	1.790	2.778	2.0	19.2
3 12	10 24.73	+11 11.2	1.821	2.784	6.3	19.5
3 22	10 18.34	+12 2.4	1.878	2.789	10.1	19.7
4 1	10 13.89	+12 39.9	1.959	2.794	13.5	20.0

166891 2002 YS_{22} 2 26.7 115°.27 4°.3/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.61	+20 18.7	2.453	3.280	10.8	20.1
2 1	10 54.10	+21 32.5	2.390	3.291	8.2	19.9
2 11	10 47.84	+22 47.6	2.354	3.302	5.6	19.8
2 21	10 40.40	+23 57.5	2.346	3.313	4.3	19.7
3 2	10 32.52	+24 56.1	2.368	3.323	5.4	19.8
3 12	10 25.05	+25 38.8	2.418	3.333	7.8	20.0
3 22	10 18.69	+26 3.7	2.494	3.344	10.4	20.2
4 1	10 14.03	+26 10.6	2.593	3.353	12.6	20.3

282819 2006 SR_{44} 2 26.7 164°.45 3°.6/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.03	+19 29.2	2.769	3.590	9.9	20.7
2 1	10 53.52	+20 35.5	2.695	3.594	7.4	20.6
2 11	10 47.43	+21 43.8	2.649	3.598	5.0	20.4
2 21	10 40.25	+22 48.4	2.632	3.601	3.7	20.3
3 2	10 32.64	+23 44.0	2.645	3.604	4.7	20.4
3 12	10 25.33	+24 26.4	2.688	3.607	7.0	20.5
3 22	10 18.99	+24 53.5	2.757	3.609	9.4	20.7
4 1	10 14.13	+25 4.7	2.850	3.611	11.6	20.9

161630 2005 YP_{93} 2 26.7 169°.57 10°.8/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 12.09	−10 27.0	1.330	2.073	22.4	20.2
2 1	11 6.01	−12 22.9	1.250	2.075	19.2	19.9
2 11	10 56.34	−13 55.2	1.188	2.077	15.7	19.7
2 21	10 43.82	−14 56.7	1.148	2.079	12.4	19.5
3 2	10 29.86	−15 22.6	1.132	2.080	10.8	19.4
3 12	10 16.34	−15 14.7	1.141	2.080	12.0	19.5
3 22	10 4.99	−14 40.7	1.173	2.081	15.1	19.7
4 1	9 57.06	−13 51.9	1.225	2.080	18.6	19.9

364018 2005 VA_{17} 2 26.7 147°.86 9°.8/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.55	−28 38.5	2.745	3.307	15.4	21.8
2 1	10 56.35	−29 23.8	2.657	3.319	14.1	21.7
2 11	10 49.33	−29 44.7	2.585	3.331	12.6	21.6
2 21	10 40.99	−29 38.0	2.533	3.342	11.2	21.5
3 2	10 32.08	−29 2.8	2.504	3.352	10.1	21.5
3 12	10 23.46	−28 1.3	2.499	3.361	9.8	21.5
3 22	10 15.92	−26 38.5	2.521	3.370	10.3	21.5
4 1	10 10.08	−25 1.6	2.567	3.378	11.4	21.6

175138 2005 ET_{7} 2 26.7 211°.25 1°.3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.45	+10 25.9	1.997	2.807	13.6	20.6
2 1	10 58.20	+10 55.6	1.908	2.801	10.3	20.4
2 11	10 50.70	+11 34.8	1.842	2.795	6.5	20.2
2 21	10 41.54	+12 18.5	1.804	2.789	2.4	19.9
3 2	10 31.65	+13 0.9	1.796	2.781	2.7	19.9
3 12	10 22.12	+13 36.2	1.817	2.773	6.9	20.1
3 22	10 13.93	+14 0.2	1.865	2.765	10.8	20.3
4 1	10 7.85	+14 10.6	1.936	2.756	14.2	20.5

242031 2002 QB_{94} 2 26.7 69°.09 2°.5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.30	+12 3.4	2.010	2.835	12.9	20.3
2 1	10 53.39	+13 18.3	1.945	2.849	9.6	20.1
2 11	10 47.53	+14 42.2	1.905	2.862	5.9	20.0
2 21	10 40.32	+16 8.0	1.893	2.875	2.8	19.8
3 2	10 32.62	+17 28.1	1.911	2.889	3.9	19.9
3 12	10 25.37	+18 35.5	1.956	2.902	7.3	20.1
3 22	10 19.40	+19 26.0	2.029	2.916	10.7	20.3
4 1	10 15.32	+19 57.7	2.124	2.929	13.6	20.6

32743 1979 MR_1 2 26.7 193°.51 0°.3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.51	+ 7 19.8	2.799	3.594	10.5	20.1
2 1	10 53.08	+ 7 53.9	2.707	3.592	7.9	19.9
2 11	10 47.15	+ 8 36.7	2.641	3.590	5.0	19.7
2 21	10 40.16	+ 9 25.1	2.603	3.587	1.8	19.5
3 2	10 32.72	+10 14.8	2.596	3.584	1.6	19.4
3 12	10 25.52	+11 1.5	2.620	3.580	4.8	19.7
3 22	10 19.19	+11 41.6	2.673	3.576	7.8	19.9
4 1	10 14.24	+12 12.4	2.752	3.572	10.4	20.0

61093 2000 LW_{27} 2 26.7 145°.92 1°.5/25.4 18

1 22	11 4.57	+10 16.8	2.013	2.820	13.6	20.2
2 1	10 58.85	+11 0.6	1.940	2.833	10.2	20.0
2 11	10 50.97	+11 53.9	1.892	2.844	6.4	19.7
2 21	10 41.60	+12 51.0	1.871	2.855	2.4	19.5
3 2	10 31.67	+13 45.5	1.881	2.866	2.8	19.6
3 12	10 22.26	+14 31.2	1.921	2.875	6.8	19.8
3 22	10 14.27	+15 4.3	1.988	2.883	10.5	20.1
4 1	10 8.37	+15 22.8	2.078	2.891	13.6	20.3

157081 2003 YL_{146} 2 26.7 156°.30 3°.9/28.2 18

1 22	11 17.12	+ 3 35.2	1.243	2.040	20.9	19.8
2 1	11 9.80	+ 2 24.8	1.166	2.045	16.6	19.6
2 11	10 58.66	+ 1 27.8	1.109	2.049	11.4	19.3
2 21	10 44.63	+ 0 45.2	1.077	2.053	6.1	19.0
3 2	10 29.35	+ 0 16.1	1.071	2.056	4.3	18.9
3 12	10 14.87	− 0 2.5	1.093	2.059	9.0	19.2
3 22	10 2.95	− 0 15.2	1.140	2.061	14.3	19.5
4 1	9 54.73	− 0 27.1	1.208	2.062	18.9	19.7

242139 2003 AW_{56} 2 26.7 36°.03 5°.2/20.6 18

1 22	10 56.66	+20 34.5	2.123	2.960	11.9	20.0
2 1	10 52.98	+22 9.9	2.058	2.964	9.0	19.8
2 11	10 47.32	+23 47.9	2.019	2.968	6.4	19.7
2 21	10 40.27	+25 20.1	2.008	2.972	5.2	19.6
3 2	10 32.66	+26 38.5	2.026	2.977	6.5	19.7
3 12	10 25.45	+27 37.1	2.071	2.982	9.2	19.9
3 22	10 19.47	+28 13.3	2.141	2.986	12.0	20.1
4 1	10 15.38	+28 27.1	2.232	2.991	14.4	20.2

341758 2007 VJ_{311} 2 26.7 86°.70 4°.7/21.3 18

1 22	10 58.31	+20 40.7	2.255	3.086	11.5	20.5
2 1	10 54.05	+21 57.7	2.192	3.095	8.7	20.4
2 11	10 47.90	+23 16.0	2.155	3.104	6.0	20.2
2 21	10 40.46	+24 28.6	2.146	3.112	4.7	20.1
3 2	10 32.54	+25 28.5	2.167	3.121	5.9	20.2
3 12	10 25.04	+26 11.1	2.215	3.130	8.4	20.4
3 22	10 18.76	+26 34.0	2.288	3.138	11.1	20.6
4 1	10 14.30	+26 37.6	2.383	3.147	13.5	20.8

193801 2001 PV_{13} 2 26.7 156°.72 2°.0/28.4 18

1 22	11 4.32	+ 1 5.2	1.864	2.646	15.5	22.0
2 1	10 58.88	+ 1 17.9	1.782	2.654	12.1	21.8
2 11	10 51.12	+ 1 47.8	1.723	2.662	8.2	21.6
2 21	10 41.70	+ 2 31.9	1.691	2.668	4.0	21.3
3 2	10 31.60	+ 3 25.3	1.687	2.674	2.4	21.2
3 12	10 21.96	+ 4 21.4	1.713	2.680	6.1	21.5
3 22	10 13.79	+ 5 13.7	1.766	2.684	10.2	21.7
4 1	10 7.83	+ 5 57.4	1.844	2.688	13.8	22.0

508417 2016 JB_{15} 2 26.7 193°.47 4°.0/ 3.6 17

1 22	10 56.19	−10 48.1	3.120	3.822	11.5	22.5
2 1	10 51.98	−10 28.0	3.013	3.820	9.6	22.3
2 11	10 46.42	− 9 50.7	2.930	3.817	7.4	22.2
2 21	10 39.90	− 8 56.9	2.873	3.813	5.3	22.0
3 2	10 32.95	− 7 48.8	2.846	3.809	4.1	21.9
3 12	10 26.19	− 6 30.5	2.849	3.804	4.8	22.0
3 22	10 20.18	− 5 7.2	2.882	3.799	6.8	22.1
4 1	10 15.40	− 3 43.9	2.944	3.793	9.0	22.2

381616 2008 WH_{86} 2 26.7 53°.39 1°.5/25.4 17

1 22	10 59.21	+10 42.3	2.009	2.827	13.2	21.4
2 1	10 54.89	+11 17.9	1.931	2.830	9.9	21.2
2 11	10 48.53	+12 2.7	1.878	2.833	6.2	21.0
2 21	10 40.72	+12 51.4	1.851	2.835	2.4	20.8
3 2	10 32.34	+13 38.1	1.853	2.838	2.8	20.8
3 12	10 24.38	+14 17.2	1.884	2.841	6.7	21.0
3 22	10 17.70	+14 44.6	1.942	2.844	10.3	21.3
4 1	10 12.98	+14 58.1	2.023	2.847	13.5	21.5

497936 2006 WO_{45} 2 26.7 237°.05 7°.0/ 6.9 17

1 22	10 55.48	−18 46.3	2.683	3.341	14.0	21.4
2 1	10 51.78	−18 56.0	2.577	3.335	12.3	21.2
2 11	10 46.45	−18 43.5	2.490	3.328	10.4	21.1
2 21	10 39.95	−18 7.3	2.427	3.322	8.5	20.9
3 2	10 32.90	−17 8.2	2.389	3.315	7.2	20.8
3 12	10 26.05	−15 49.6	2.379	3.308	7.2	20.8
3 22	10 20.09	−14 17.3	2.396	3.300	8.5	20.9
4 1	10 15.59	−12 38.2	2.440	3.293	10.5	21.0

59824 1999 RQ_{27} 2 26.7 218°.21 1°.4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.20	+12 24.9	2.751	3.558	10.3	19.1
2 1	10 54.39	+12 48.1	2.660	3.553	7.8	18.9
2 11	10 47.99	+13 16.4	2.595	3.547	4.8	18.7
2 21	10 40.49	+13 46.2	2.559	3.542	2.0	18.5
3 2	10 32.52	+14 13.8	2.553	3.536	2.4	18.5
3 12	10 24.82	+14 35.5	2.578	3.531	5.4	18.7
3 22	10 18.05	+14 48.6	2.631	3.524	8.3	18.9
4 1	10 12.75	+14 51.7	2.709	3.518	10.9	19.1

501425 2013 YW_{139} 2 26.7 93°.22 2°.4/23.9 18

1 22	10 57.51	+13 44.6	2.379	3.199	11.3	21.1
2 1	10 53.27	+14 44.8	2.311	3.212	8.4	20.9
2 11	10 47.33	+15 50.9	2.269	3.224	5.3	20.8
2 21	10 40.24	+16 57.3	2.255	3.236	2.7	20.6
3 2	10 32.73	+17 58.1	2.272	3.248	3.6	20.7
3 12	10 25.60	+18 48.2	2.318	3.261	6.5	20.9
3 22	10 19.57	+19 24.3	2.390	3.273	9.5	21.1
4 1	10 15.18	+19 45.2	2.487	3.284	12.1	21.3

492541 2014 OQ_{102} 2 26.7 160°.25 1°.1/25.6 18

1 22	11 2.21	+ 8 54.0	2.125	2.929	13.0	22.2
2 1	10 57.04	+ 9 44.6	2.046	2.937	9.8	22.0
2 11	10 49.83	+10 45.9	1.992	2.944	6.1	21.8
2 21	10 41.20	+11 52.7	1.966	2.950	2.2	21.6
3 2	10 32.00	+12 58.4	1.970	2.955	2.5	21.6
3 12	10 23.20	+13 56.7	2.005	2.960	6.4	21.9
3 22	10 15.68	+14 42.9	2.067	2.964	10.0	22.1
4 1	10 10.10	+15 14.6	2.153	2.967	13.2	22.3

41465 2000 OV_{22} 2 26.7 230°.94 0°.9/27.6 18

1 22	11 1.24	+ 3 55.7	2.333	3.118	12.6	19.5
2 1	10 56.30	+ 4 12.0	2.228	3.105	9.8	19.2
2 11	10 49.41	+ 4 40.7	2.148	3.091	6.5	19.0
2 21	10 41.09	+ 5 19.2	2.095	3.076	2.8	18.7
3 2	10 32.06	+ 6 3.4	2.073	3.061	1.7	18.6
3 12	10 23.23	+ 6 48.3	2.081	3.046	5.4	18.9
3 22	10 15.45	+ 7 29.2	2.117	3.029	9.1	19.0
4 1	10 9.40	+ 8 2.1	2.179	3.012	12.3	19.2

160806 2000 VE_{42} 2 26.7 184°.58 0°.1/26.7 18

1 22	11 3.59	+ 6 33.2	2.082	2.878	13.6	21.5
2 1	10 58.18	+ 7 2.5	1.994	2.878	10.4	21.3
2 11	10 50.63	+ 7 44.0	1.930	2.878	6.6	21.0
2 21	10 41.53	+ 8 33.5	1.893	2.877	2.4	20.8
3 2	10 31.76	+ 9 25.5	1.887	2.875	1.9	20.7
3 12	10 22.35	+10 14.1	1.911	2.873	6.1	21.0
3 22	10 14.23	+10 54.3	1.963	2.869	10.0	21.2
4 1	10 8.12	+11 22.8	2.039	2.865	13.4	21.4

522701 2016 LQ_{59} 2 26.7 212°.30 1°.1/27.9 17

1 22	10 56.61	+ 1 49.4	2.527	3.308	11.9	22.3
2 1	10 52.60	+ 2 26.8	2.430	3.304	9.2	22.1
2 11	10 46.96	+ 3 18.2	2.358	3.299	6.1	21.9
2 21	10 40.14	+ 4 20.5	2.313	3.293	2.8	21.7
3 2	10 32.80	+ 5 29.3	2.299	3.288	1.5	21.6
3 12	10 25.69	+ 6 39.0	2.316	3.282	4.8	21.8
3 22	10 19.50	+ 7 44.2	2.361	3.275	8.1	22.0
4 1	10 14.80	+ 8 40.8	2.431	3.269	11.1	22.2

105339 2000 QL_{91} 2 26.7 358°.12 1°.5/25.7 18

1 22	11 7.12	+14 11.4	2.097	2.905	13.0	17.8
2 1	11 0.75	+13 55.7	2.012	2.904	9.9	17.6
2 11	10 52.18	+13 42.6	1.951	2.904	6.2	17.3
2 21	10 42.08	+13 28.9	1.920	2.903	2.5	17.1
3 2	10 31.38	+13 11.2	1.918	2.903	2.7	17.1
3 12	10 21.19	+12 46.8	1.947	2.903	6.5	17.4
3 22	10 12.44	+12 14.6	2.003	2.903	10.2	17.6
4 1	10 5.82	+11 34.5	2.084	2.904	13.3	17.8

243812 2000 SY_{241} 2 26.7 134°.34 4°.8/21.8 17

1 22	11 7.21	+26 33.3	2.763	3.571	10.3	20.5
2 1	11 0.29	+27 1.5	2.696	3.580	8.0	20.4
2 11	10 51.61	+27 25.1	2.656	3.590	5.9	20.3
2 21	10 41.79	+27 39.1	2.646	3.599	4.9	20.2
3 2	10 31.64	+27 39.5	2.666	3.608	5.7	20.3
3 12	10 22.02	+27 24.3	2.715	3.617	7.6	20.4
3 22	10 13.68	+26 53.8	2.792	3.625	9.9	20.6
4 1	10 7.13	+26 9.5	2.893	3.633	11.9	20.7

495407 2014 QH_{421} 2 26.7 83°.72 2°.9/24.1 18

1 22	11 2.30	+13 31.8	1.790	2.615	14.2	21.4
2 1	10 57.28	+14 32.2	1.735	2.637	10.6	21.2
2 11	10 50.02	+15 39.9	1.704	2.659	6.6	21.0
2 21	10 41.26	+16 47.3	1.700	2.681	3.2	20.8
3 2	10 32.04	+17 46.8	1.725	2.703	4.2	20.9
3 12	10 23.48	+18 32.1	1.778	2.724	7.9	21.2
3 22	10 16.52	+18 59.9	1.856	2.745	11.5	21.4
4 1	10 11.78	+19 9.6	1.957	2.766	14.5	21.7

42925 1999 TC_6 2 26.7 229°.68 1°.7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.25	+ 9 20.0	1.815	2.634	14.4	19.8
2 1	10 56.05	+10 20.8	1.727	2.626	10.9	19.6
2 11	10 49.49	+11 35.5	1.663	2.618	6.8	19.3
2 21	10 41.17	+12 57.6	1.626	2.610	2.6	19.0
3 2	10 32.04	+14 18.9	1.617	2.601	3.3	19.0
3 12	10 23.23	+15 31.0	1.637	2.592	7.6	19.3
3 22	10 15.80	+16 27.7	1.683	2.583	11.8	19.5
4 1	10 10.58	+17 5.6	1.752	2.573	15.4	19.7

38373 1999 RG_{172} 2 26.7 125°.81 1°.5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.74	+10 34.5	2.097	2.911	12.8	18.8
2 1	10 55.20	+11 20.0	2.022	2.919	9.6	18.6
2 11	10 48.68	+12 14.7	1.971	2.926	6.0	18.4
2 21	10 40.80	+13 13.1	1.949	2.933	2.3	18.1
3 2	10 32.38	+14 9.2	1.955	2.939	2.8	18.2
3 12	10 24.39	+14 56.9	1.991	2.946	6.5	18.4
3 22	10 17.64	+15 32.3	2.054	2.952	10.1	18.7
4 1	10 12.79	+15 53.3	2.141	2.958	13.1	18.9

253761 2003 WU_{105} 2 26.7 140°.46 2°.7/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.17	− 0 35.8	1.898	2.676	15.4	21.0
2 1	10 57.23	− 0 30.0	1.817	2.684	12.2	20.8
2 11	10 50.07	− 0 6.5	1.759	2.693	8.4	20.6
2 21	10 41.34	+ 0 32.6	1.726	2.700	4.5	20.3
3 2	10 31.98	+ 1 22.8	1.722	2.708	2.8	20.2
3 12	10 23.05	+ 2 18.0	1.747	2.714	6.0	20.4
3 22	10 15.52	+ 3 11.7	1.799	2.721	9.8	20.7
4 1	10 10.10	+ 3 58.6	1.876	2.727	13.3	20.9

297579 2001 SX_2 2 26.7 138°.27 1°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.58	+ 1 56.5	1.821	2.611	15.5	22.0
2 1	10 57.58	+ 2 38.5	1.746	2.624	12.0	21.8
2 11	10 50.31	+ 3 38.7	1.693	2.637	7.8	21.6
2 21	10 41.43	+ 4 52.7	1.667	2.648	3.4	21.4
3 2	10 31.94	+ 6 13.4	1.671	2.659	1.9	21.3
3 12	10 22.95	+ 7 32.9	1.704	2.670	6.2	21.6
3 22	10 15.43	+ 8 43.8	1.764	2.679	10.4	21.8
4 1	10 10.10	+ 9 41.2	1.848	2.688	14.0	22.1

433179 2012 TQ_{308} 2 26.7 133°.32 3°.7/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.94	− 5 57.8	2.495	3.240	13.0	21.4
2 1	10 52.83	− 5 53.7	2.406	3.245	10.6	21.2
2 11	10 47.09	− 5 32.6	2.339	3.251	7.8	21.1
2 21	10 40.21	− 4 55.4	2.298	3.256	5.1	20.9
3 2	10 32.85	− 4 5.0	2.286	3.261	3.7	20.8
3 12	10 25.78	− 3 6.0	2.303	3.266	5.1	20.9
3 22	10 19.67	− 2 3.7	2.349	3.270	7.8	21.1
4 1	10 15.09	− 1 3.5	2.420	3.275	10.5	21.3

217004 2000 SX_{153} 2 26.7 178°.88 3°.3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.59	+17 28.8	2.386	3.203	11.4	20.7
2 1	10 57.19	+18 16.4	2.307	3.204	8.6	20.5
2 11	10 49.88	+19 7.0	2.254	3.205	5.6	20.3
2 21	10 41.25	+19 55.1	2.230	3.206	3.4	20.2
3 2	10 32.09	+20 35.0	2.236	3.206	4.4	20.3
3 12	10 23.31	+21 2.2	2.272	3.205	7.2	20.4
3 22	10 15.72	+21 14.6	2.334	3.204	10.2	20.6
4 1	10 9.94	+21 11.6	2.420	3.203	12.8	20.8

461705 2005 SV_{40} 2 26.7 356°.94 5°.2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.60	+20 50.3	1.624	2.459	15.0	20.2
2 1	11 0.29	+21 24.1	1.553	2.458	11.5	20.0
2 11	10 52.21	+21 58.2	1.505	2.457	7.8	19.8
2 21	10 42.18	+22 24.6	1.483	2.456	5.3	19.6
3 2	10 31.41	+22 36.1	1.489	2.456	6.5	19.7
3 12	10 21.33	+22 28.0	1.520	2.456	9.9	19.9
3 22	10 13.11	+21 59.6	1.576	2.456	13.6	20.1
4 1	10 7.56	+21 12.7	1.654	2.457	16.9	20.3

240479 2004 BD_{77} 2 26.7 42°.49 1°.4/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.55	+10 21.6	1.968	2.787	13.4	21.2
2 1	10 54.41	+10 57.3	1.895	2.794	10.0	21.0
2 11	10 48.24	+11 42.4	1.846	2.802	6.2	20.8
2 21	10 40.66	+12 31.6	1.825	2.809	2.3	20.5
3 2	10 32.55	+13 19.0	1.832	2.817	2.7	20.6
3 12	10 24.89	+13 58.7	1.867	2.825	6.6	20.8
3 22	10 18.54	+14 26.9	1.929	2.833	10.3	21.0
4 1	10 14.14	+14 41.2	2.014	2.841	13.4	21.3

420564 2012 HX_5 2 26.7 344°.90 8°.1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.91	+24 22.1	1.516	2.367	15.0	20.4
2 1	10 55.58	+26 10.1	1.453	2.362	11.8	20.2
2 11	10 49.43	+27 58.6	1.414	2.358	9.0	20.0
2 21	10 41.21	+29 35.2	1.400	2.354	8.1	20.0
3 2	10 32.11	+30 48.3	1.411	2.351	9.9	20.0
3 12	10 23.60	+31 30.5	1.446	2.348	13.0	20.2
3 22	10 16.92	+31 40.1	1.503	2.346	16.3	20.4
4 1	10 12.94	+31 19.5	1.578	2.344	19.2	20.6

258431 2001 XB_{206} 2 26.7 99°.51 2°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.50	− 0 36.8	1.933	2.714	15.0	20.7
2 1	10 55.13	− 0 15.1	1.857	2.728	11.8	20.5
2 11	10 48.69	+ 0 24.7	1.805	2.741	8.1	20.3
2 21	10 40.83	+ 1 19.8	1.778	2.754	4.2	20.1
3 2	10 32.42	+ 2 24.9	1.780	2.766	2.5	20.0
3 12	10 24.47	+ 3 33.1	1.811	2.779	5.7	20.3
3 22	10 17.85	+ 4 37.9	1.869	2.791	9.5	20.5
4 1	10 13.20	+ 5 33.7	1.951	2.803	12.8	20.7

132507 2002 JB_{38} 2 26.7 256°.74 5°.0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.13	+20 46.2	2.112	2.943	12.1	20.0
2 1	10 55.73	+21 58.0	2.031	2.933	9.3	19.8
2 11	10 49.18	+23 12.4	1.974	2.923	6.5	19.6
2 21	10 41.05	+24 21.9	1.945	2.912	5.0	19.5
3 2	10 32.23	+25 18.9	1.945	2.901	6.3	19.5
3 12	10 23.74	+25 57.6	1.973	2.890	9.1	19.7
3 22	10 16.53	+26 15.5	2.025	2.879	12.2	19.9
4 1	10 11.34	+26 12.4	2.099	2.868	14.9	20.0

29011 4184 $P–L$ 2 26.7 141°.26 0°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.53	+ 5 21.1	1.717	2.519	15.8	18.7
2 1	10 59.24	+ 5 28.9	1.639	2.525	12.1	18.5
2 11	10 51.46	+ 5 50.8	1.584	2.532	7.9	18.3
2 21	10 41.90	+ 6 22.9	1.555	2.537	3.2	18.0
3 2	10 31.63	+ 7 0.1	1.554	2.543	2.0	17.9
3 12	10 21.89	+ 7 36.0	1.582	2.548	6.6	18.2
3 22	10 13.76	+ 8 5.5	1.636	2.553	11.0	18.5
4 1	10 8.00	+ 8 24.7	1.714	2.557	14.7	18.7

489709 2007 VH_{202} 2 26.7 121°.91 2°.7/23.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.86	+17 24.8	2.885	3.696	9.8	22.0
2 1	10 55.46	+18 7.2	2.820	3.715	7.3	21.8
2 11	10 48.57	+18 51.4	2.783	3.734	4.7	21.7
2 21	10 40.72	+19 32.9	2.776	3.752	2.8	21.6
3 2	10 32.55	+20 7.6	2.799	3.769	3.6	21.7
3 12	10 24.77	+20 32.0	2.853	3.786	6.0	21.8
3 22	10 18.00	+20 44.5	2.935	3.803	8.4	22.0
4 1	10 12.70	+20 44.7	3.041	3.818	10.6	22.2

245930 2006 RZ_{21} 2 26.7 218°.00 6°.5/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.00	−15 56.9	2.889	3.555	13.0	20.6
2 1	10 54.34	−16 33.1	2.781	3.548	11.3	20.5
2 11	10 48.07	−16 51.6	2.693	3.539	9.4	20.3
2 21	10 40.61	−16 50.7	2.631	3.531	7.7	20.2
3 2	10 32.57	−16 30.5	2.595	3.522	6.6	20.1
3 12	10 24.67	−15 53.2	2.587	3.513	6.9	20.1
3 22	10 17.59	−15 2.8	2.607	3.503	8.3	20.2
4 1	10 11.92	−14 4.6	2.653	3.493	10.2	20.3

27895 Yeduzheng 2 26.7 143°.70 3°.8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.18	− 6 22.9	2.045	2.798	15.2	18.9
2 1	10 54.12	− 5 55.8	1.958	2.804	12.4	18.7
2 11	10 48.08	− 5 6.1	1.893	2.810	9.0	18.5
2 21	10 40.63	− 3 55.7	1.853	2.816	5.6	18.3
3 2	10 32.58	− 2 29.2	1.842	2.821	3.8	18.2
3 12	10 24.89	− 0 53.9	1.860	2.826	5.8	18.4
3 22	10 18.41	+ 0 42.0	1.906	2.831	9.1	18.6
4 1	10 13.79	+ 2 11.1	1.978	2.835	12.4	18.8

149018 2002 AL_{75} 2 26.7 92°.35 0°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.72	+ 8 16.0	2.552	3.353	11.2	21.1
2 1	10 54.00	+ 8 47.5	2.485	3.373	8.4	20.9
2 11	10 47.73	+ 9 27.1	2.443	3.393	5.3	20.7
2 21	10 40.42	+10 11.0	2.429	3.414	1.9	20.5
3 2	10 32.78	+10 54.9	2.446	3.433	1.7	20.5
3 12	10 25.53	+11 34.3	2.493	3.453	5.0	20.8
3 22	10 19.32	+12 6.0	2.569	3.472	8.1	21.0
4 1	10 14.65	+12 27.9	2.670	3.491	10.7	21.2

220280 2003 BB_{42} 2 26.7 327°.73 0°.4/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.95	+ 6 57.7	1.483	2.307	16.7	19.6
2 1	10 56.34	+ 6 56.5	1.394	2.293	12.9	19.3
2 11	10 49.96	+ 7 9.3	1.326	2.280	8.4	19.0
2 21	10 41.46	+ 7 32.4	1.283	2.267	3.3	18.6
3 2	10 31.93	+ 8 0.6	1.266	2.255	2.2	18.5
3 12	10 22.78	+ 8 27.1	1.275	2.243	7.6	18.8
3 22	10 15.26	+ 8 46.1	1.308	2.232	12.5	19.1
4 1	10 10.37	+ 8 53.6	1.363	2.222	16.8	19.3

360590 2003 WV_{108} 2 26.7 91°.82 2°.2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.37	+12 14.1	1.619	2.443	15.5	20.8
2 1	10 59.19	+12 47.1	1.553	2.455	11.7	20.6
2 11	10 51.42	+13 28.9	1.510	2.466	7.3	20.4
2 21	10 41.88	+14 13.1	1.494	2.477	3.0	20.1
3 2	10 31.72	+14 52.3	1.505	2.489	3.6	20.2
3 12	10 22.23	+15 20.4	1.544	2.500	8.0	20.5
3 22	10 14.50	+15 33.7	1.609	2.511	12.1	20.8
4 1	10 9.28	+15 31.2	1.696	2.522	15.6	21.0

283952 2004 QH_1 2 26.7 130°.20 5°.2/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 5.04	− 7 44.2	2.047	2.779	15.8	20.7
2 1	10 59.21	− 8 3.1	1.969	2.798	13.0	20.6
2 11	10 51.25	− 8 1.5	1.913	2.815	9.9	20.4
2 21	10 41.80	− 7 39.4	1.882	2.832	6.8	20.2
3 2	10 31.77	− 6 59.1	1.879	2.847	5.2	20.2
3 12	10 22.22	− 6 5.9	1.905	2.862	6.5	20.3
3 22	10 14.05	− 5 6.4	1.960	2.876	9.4	20.5
4 1	10 7.94	− 4 7.2	2.039	2.890	12.4	20.7

109885 2001 SP_8 2 26.7 186°.34 0°.3/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.85	+ 5 40.2	2.589	3.382	11.3	20.5
2 1	10 53.48	+ 6 6.3	2.499	3.382	8.6	20.3
2 11	10 47.51	+ 6 42.6	2.434	3.381	5.5	20.1
2 21	10 40.41	+ 7 25.9	2.397	3.380	2.1	19.9
3 2	10 32.83	+ 8 12.3	2.391	3.379	1.4	19.8
3 12	10 25.51	+ 8 57.0	2.414	3.378	4.9	20.1
3 22	10 19.14	+ 9 36.3	2.467	3.376	8.1	20.3
4 1	10 14.26	+10 6.9	2.544	3.374	10.9	20.5

389651 2011 OW_{13} 2 26.7 156°.45 0°.2/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.76	+ 5 14.6	2.962	3.748	10.2	22.4
2 1	10 52.44	+ 5 49.4	2.875	3.755	7.8	22.2
2 11	10 46.74	+ 6 33.7	2.815	3.761	5.0	22.0
2 21	10 40.10	+ 7 24.2	2.784	3.767	1.9	21.8
3 2	10 33.07	+ 8 17.3	2.783	3.772	1.3	21.8
3 12	10 26.30	+ 9 8.7	2.814	3.777	4.3	22.0
3 22	10 20.35	+ 9 54.7	2.874	3.781	7.2	22.2
4 1	10 15.69	+10 32.6	2.960	3.785	9.7	22.4

426335 2012 VP_{57} 2 26.7 255°.01 4°.6/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.40	− 8 33.9	2.463	3.195	13.5	21.2
2 1	10 52.58	− 8 36.3	2.359	3.186	11.2	21.0
2 11	10 47.06	− 8 20.0	2.277	3.177	8.6	20.8
2 21	10 40.28	− 7 45.1	2.220	3.168	6.1	20.6
3 2	10 32.91	− 6 53.6	2.191	3.159	4.6	20.5
3 12	10 25.73	− 5 49.9	2.191	3.150	5.7	20.5
3 22	10 19.49	− 4 39.8	2.219	3.141	8.2	20.7
4 1	10 14.78	− 3 29.3	2.273	3.131	11.0	20.8

147817 2005 SW_{127} 2 26.7 235°.23 0°.2/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.98	+ 5 55.9	2.828	3.619	10.5	21.2
2 1	10 52.76	+ 6 22.1	2.727	3.608	8.0	21.0
2 11	10 47.04	+ 6 57.8	2.651	3.598	5.2	20.8
2 21	10 40.24	+ 7 40.2	2.604	3.587	2.0	20.6
3 2	10 32.95	+ 8 25.4	2.588	3.576	1.4	20.5
3 12	10 25.86	+ 9 9.3	2.602	3.565	4.6	20.7
3 22	10 19.58	+ 9 48.3	2.645	3.553	7.7	20.9
4 1	10 14.65	+10 19.3	2.713	3.541	10.4	21.1

12600 1999 RM_{177} 2 26.7 313°.00 0°.4/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.38	+ 7 32.6	2.210	3.019	12.4	17.3
2 1	10 52.72	+ 8 3.6	2.115	3.008	9.5	17.0
2 11	10 47.21	+ 8 45.7	2.045	2.997	6.0	16.8
2 21	10 40.35	+ 9 35.0	2.002	2.987	2.2	16.5
3 2	10 32.86	+10 26.4	1.988	2.976	1.9	16.5
3 12	10 25.64	+11 14.4	2.004	2.966	5.8	16.7
3 22	10 19.47	+11 54.2	2.046	2.956	9.5	16.9
4 1	10 15.01	+12 22.5	2.112	2.946	12.7	17.1

341799 2007 XF_{23} 2 26.7 73°.47 0°.3/26.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.30	+ 7 17.3	2.217	3.022	12.6	21.1
2 1	10 53.95	+ 7 51.5	2.148	3.039	9.5	20.9
2 11	10 47.83	+ 8 35.9	2.104	3.055	5.9	20.7
2 21	10 40.53	+ 9 26.4	2.088	3.072	2.1	20.5
3 2	10 32.80	+10 17.7	2.101	3.089	1.8	20.5
3 12	10 25.51	+11 4.5	2.143	3.105	5.5	20.8
3 22	10 19.38	+11 42.7	2.213	3.122	8.9	21.0
4 1	10 14.98	+12 9.6	2.308	3.138	11.9	21.2

378653 2008 GY_{46} 2 26.7 248°.44 2°.7/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.94	− 2 53.3	2.349	3.109	13.3	22.3
2 1	10 54.66	− 2 28.3	2.234	3.089	10.7	22.1
2 11	10 48.49	− 1 45.1	2.142	3.069	7.6	21.8
2 21	10 40.86	− 0 45.1	2.077	3.047	4.3	21.6
3 2	10 32.49	+ 0 27.9	2.041	3.025	2.7	21.4
3 12	10 24.22	+ 1 48.0	2.036	3.003	5.3	21.6
3 22	10 16.91	+ 3 8.7	2.060	2.979	8.9	21.7
4 1	10 11.26	+ 4 23.6	2.109	2.955	12.2	21.9

226736 2004 QX_{10} 2 26.7 162°.56 4°.1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.33	+18 5.0	2.160	2.987	12.1	20.5
2 1	10 55.72	+19 20.1	2.089	2.991	9.1	20.3
2 11	10 49.09	+20 39.3	2.043	2.994	6.1	20.1
2 21	10 41.04	+21 55.2	2.025	2.997	4.2	20.0
3 2	10 32.41	+23 0.6	2.036	3.000	5.4	20.1
3 12	10 24.19	+23 49.6	2.076	3.002	8.3	20.2
3 22	10 17.22	+24 19.5	2.142	3.004	11.3	20.4
4 1	10 12.18	+24 29.8	2.230	3.005	14.0	20.6

437024 2012 TV_{293} 2 26.7 130°.21 2°.4/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.24	+15 34.1	2.537	3.352	10.8	21.2
2 1	10 55.27	+16 7.0	2.461	3.358	8.1	21.1
2 11	10 48.62	+16 43.4	2.412	3.365	5.1	20.9
2 21	10 40.82	+17 18.7	2.391	3.371	2.7	20.7
3 2	10 32.60	+17 48.5	2.400	3.377	3.4	20.8
3 12	10 24.75	+18 8.9	2.439	3.383	6.2	21.0
3 22	10 17.98	+18 17.7	2.505	3.388	9.1	21.2
4 1	10 12.84	+18 14.1	2.596	3.394	11.6	21.3

500045 2011 SQ_{248} 2 26.7 142°.20 5°.1/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.65	+27 32.7	2.932	3.748	9.5	21.5
2 1	10 56.18	+28 20.2	2.868	3.755	7.5	21.4
2 11	10 49.11	+29 3.6	2.831	3.762	5.8	21.3
2 21	10 40.98	+29 37.7	2.823	3.768	5.1	21.3
3 2	10 32.49	+29 58.5	2.843	3.774	5.9	21.3
3 12	10 24.41	+30 3.2	2.893	3.780	7.7	21.4
3 22	10 17.40	+29 51.6	2.968	3.786	9.7	21.6
4 1	10 11.96	+29 24.8	3.066	3.792	11.6	21.7

140714 2001 UO_{89} 2 26.8 24°.32 3°.1/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.40	+14 34.7	2.193	3.020	11.9	19.6
2 1	10 52.73	+15 48.9	2.117	3.022	8.9	19.4
2 11	10 47.19	+17 10.2	2.068	3.023	5.6	19.2
2 21	10 40.35	+18 31.8	2.046	3.025	3.2	19.1
3 2	10 32.95	+19 46.7	2.054	3.026	4.4	19.2
3 12	10 25.90	+20 48.6	2.090	3.028	7.5	19.3
3 22	10 19.99	+21 33.6	2.153	3.030	10.6	19.5
4 1	10 15.83	+22 0.1	2.238	3.032	13.4	19.7

432933 2011 UK_{116} 2 26.8 216°.94 4°.7/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.59	+25 37.2	2.952	3.768	9.5	21.8
2 1	10 56.23	+26 26.0	2.871	3.760	7.4	21.6
2 11	10 49.22	+27 12.4	2.816	3.752	5.5	21.5
2 21	10 41.06	+27 51.4	2.790	3.743	4.7	21.4
3 2	10 32.44	+28 18.2	2.795	3.734	5.6	21.4
3 12	10 24.11	+28 29.8	2.828	3.725	7.6	21.6
3 22	10 16.78	+28 25.3	2.887	3.715	9.7	21.7
4 1	10 11.00	+28 5.2	2.970	3.705	11.7	21.8

457023 2008 CP_{141} 2 26.8 338°.96 1°.0/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 8.74	+ 8 33.3	1.504	2.317	17.1	21.0
2 1	11 2.93	+ 7 50.2	1.419	2.311	13.3	20.8
2 11	10 54.11	+ 7 15.0	1.356	2.306	8.7	20.5
2 21	10 43.03	+ 6 45.8	1.318	2.301	3.5	20.1
3 2	10 30.96	+ 6 19.9	1.308	2.297	2.3	20.0
3 12	10 19.42	+ 5 54.3	1.326	2.293	7.5	20.4
3 22	10 9.79	+ 5 26.3	1.369	2.289	12.4	20.6
4 1	10 3.03	+ 4 54.0	1.435	2.287	16.6	20.9

456656 2007 RF_{33} 2 26.8 192°.30 4°.3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.36	+17 23.2	1.834	2.660	13.9	21.3
2 1	10 59.16	+18 27.9	1.757	2.659	10.5	21.1
2 11	10 51.48	+19 38.1	1.705	2.657	6.9	20.9
2 21	10 41.99	+20 45.6	1.680	2.655	4.4	20.7
3 2	10 31.75	+21 42.0	1.683	2.652	5.7	20.8
3 12	10 21.98	+22 20.7	1.715	2.649	9.1	21.0
3 22	10 13.77	+22 38.8	1.772	2.645	12.7	21.2
4 1	10 7.91	+22 36.1	1.850	2.640	15.9	21.4

412344 2013 LZ_7 2 26.8 132°.01 4°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.14	− 9 7.0	2.372	3.093	14.2	21.1
2 1	10 56.04	− 9 7.2	2.289	3.110	11.7	21.0
2 11	10 49.16	− 8 47.7	2.229	3.126	8.9	20.8
2 21	10 41.05	− 8 9.0	2.195	3.142	6.2	20.7
3 2	10 32.46	− 7 14.0	2.189	3.156	4.7	20.6
3 12	10 24.25	− 6 7.7	2.213	3.170	5.8	20.7
3 22	10 17.16	− 4 56.2	2.266	3.184	8.3	20.9
4 1	10 11.79	− 3 45.6	2.345	3.196	11.0	21.1

220338 2003 GD_{14} 2 26.8 273°.79 6°.2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.64	+24 3.0	1.867	2.696	13.6	19.7
2 1	11 0.22	+24 53.5	1.786	2.684	10.6	19.5
2 11	10 52.20	+25 42.6	1.729	2.672	7.7	19.3
2 21	10 42.28	+26 22.1	1.698	2.660	6.2	19.2
3 2	10 31.53	+26 44.2	1.695	2.648	7.4	19.2
3 12	10 21.28	+26 44.2	1.719	2.636	10.4	19.3
3 22	10 12.67	+26 21.3	1.768	2.623	13.6	19.5
4 1	10 6.52	+25 37.3	1.838	2.611	16.6	19.7

136457 2005 EK_{202} 2 26.8 256°.60 8°.4/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.45	+35 5.6	2.499	3.314	11.0	19.7
2 1	10 56.82	+36 59.1	2.428	3.297	9.4	19.5
2 11	10 49.97	+38 46.0	2.383	3.279	8.5	19.4
2 21	10 41.45	+40 17.6	2.366	3.260	8.7	19.4
3 2	10 32.11	+41 26.1	2.376	3.242	10.0	19.5
3 12	10 23.02	+42 7.3	2.410	3.222	11.8	19.6
3 22	10 15.16	+42 20.6	2.466	3.203	13.7	19.7
4 1	10 9.33	+42 8.0	2.540	3.183	15.5	19.8

194161 2001 TQ_{19} 2 26.8 122°.03 1°.7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 5.75	+ 3 24.5	1.600	2.398	16.9	20.1
2 1	11 0.32	+ 3 20.5	1.526	2.408	13.1	19.9
2 11	10 52.24	+ 3 32.4	1.473	2.417	8.7	19.7
2 21	10 42.27	+ 3 57.5	1.446	2.426	4.0	19.4
3 2	10 31.57	+ 4 30.8	1.447	2.435	2.3	19.3
3 12	10 21.46	+ 5 6.0	1.476	2.443	6.8	19.6
3 22	10 13.10	+ 5 37.0	1.531	2.451	11.3	19.9
4 1	10 7.29	+ 5 59.5	1.608	2.459	15.2	20.1

429972 2013 AR_{131} 2 26.8 181°.66 4°.6/19.9 18

1 22	10 58.54	+24 42.1	3.079	3.899	9.0	21.8
2 1	10 53.88	+25 55.8	3.007	3.899	7.0	21.7
2 11	10 47.72	+27 8.2	2.963	3.899	5.2	21.5
2 21	10 40.51	+28 14.0	2.948	3.899	4.6	21.5
3 2	10 32.86	+29 8.1	2.964	3.899	5.6	21.6
3 12	10 25.48	+29 47.0	3.008	3.898	7.4	21.7
3 22	10 18.99	+30 9.1	3.079	3.896	9.4	21.8
4 1	10 13.90	+30 14.7	3.172	3.894	11.3	22.0

175417 2006 PU_{14} 2 26.8 264°.59 0°.2/26.8 17

1 22	11 3.02	+ 6 53.3	1.733	2.542	15.3	20.4
2 1	10 58.38	+ 7 5.5	1.636	2.527	11.9	20.1
2 11	10 51.16	+ 7 31.1	1.561	2.511	7.7	19.8
2 21	10 41.95	+ 8 6.4	1.512	2.495	2.9	19.5
3 2	10 31.74	+ 8 45.7	1.491	2.479	2.1	19.4
3 12	10 21.81	+ 9 22.6	1.498	2.463	7.1	19.7
3 22	10 13.32	+ 9 51.6	1.531	2.446	11.7	19.9
4 1	10 7.21	+10 8.6	1.587	2.430	15.7	20.1

96578 1998 VT_{2} 2 26.8 111°.63 1°.2/25.6 18

1 22	10 59.77	+10 7.9	2.191	3.002	12.5	19.8
2 1	10 55.17	+10 42.3	2.115	3.010	9.4	19.6
2 11	10 48.68	+11 25.4	2.064	3.018	5.8	19.4
2 21	10 40.89	+12 12.3	2.041	3.025	2.2	19.2
3 2	10 32.60	+12 57.8	2.047	3.033	2.4	19.2
3 12	10 24.73	+13 36.6	2.083	3.040	6.1	19.5
3 22	10 18.05	+14 5.0	2.146	3.047	9.5	19.7
4 1	10 13.17	+14 21.0	2.233	3.054	12.5	19.9

345458 2006 FG_{6} 2 26.8 334°.15 3°.3/24.1 18

1 22	10 54.77	+10 25.7	1.176	2.032	18.1	19.7
2 1	10 53.01	+11 44.8	1.100	2.018	13.7	19.4
2 11	10 48.18	+13 24.7	1.043	2.006	8.6	19.1
2 21	10 40.93	+15 15.4	1.010	1.994	3.9	18.8
3 2	10 32.51	+17 3.0	1.002	1.984	5.4	18.8
3 12	10 24.55	+18 33.4	1.018	1.974	10.8	19.1
3 22	10 18.54	+19 37.2	1.055	1.966	16.1	19.4
4 1	10 15.53	+20 10.4	1.110	1.959	20.6	19.6

359070 2008 YH_{122} 2 26.8 356°.52 1°.1/27.5 16

1 22	10 56.57	+ 3 54.5	1.164	2.001	19.5	21.0
2 1	10 54.25	+ 4 10.6	1.092	1.997	15.2	20.7
2 11	10 48.86	+ 4 49.6	1.039	1.994	10.0	20.4
2 21	10 41.15	+ 5 46.9	1.008	1.992	4.2	20.1
3 2	10 32.39	+ 6 54.3	1.001	1.991	2.4	20.0
3 12	10 24.22	+ 8 0.8	1.019	1.991	8.3	20.3
3 22	10 18.03	+ 8 56.9	1.059	1.992	13.8	20.6
4 1	10 14.82	+ 9 35.8	1.119	1.995	18.5	20.9

469151 2015 GN_{3} 2 26.8 312°.83 1°.9/28.6 17

1 22	10 56.43	+ 0 48.0	2.132	2.919	13.6	21.4
2 1	10 52.83	+ 1 5.1	2.037	2.912	10.7	21.1
2 11	10 47.33	+ 1 38.1	1.965	2.904	7.3	20.9
2 21	10 40.44	+ 2 24.5	1.920	2.897	3.6	20.7
3 2	10 32.92	+ 3 20.2	1.903	2.891	2.1	20.5
3 12	10 25.67	+ 4 19.2	1.915	2.884	5.4	20.8
3 22	10 19.50	+ 5 15.8	1.955	2.877	9.1	21.0
4 1	10 15.08	+ 6 4.8	2.019	2.871	12.4	21.2

140633 2001 UR_{17} 2 26.8 258°.60 11°.1/11.2 18

1 22	11 7.02	+46 17.5	2.393	3.174	12.5	19.5
2 1	11 1.24	+47 53.2	2.353	3.173	11.5	19.5
2 11	10 52.78	+49 11.9	2.337	3.171	11.1	19.4
2 21	10 42.46	+50 5.4	2.344	3.170	11.5	19.5
3 2	10 31.49	+50 27.7	2.375	3.168	12.4	19.5
3 12	10 21.24	+50 17.6	2.426	3.167	13.7	19.6
3 22	10 12.84	+49 37.4	2.495	3.165	15.1	19.7
4 1	10 7.05	+48 31.9	2.581	3.164	16.3	19.8

144446 2004 EA_{39} 2 26.8 268°.11 7°.2/18.4 18

1 22	11 3.37	+31 33.9	2.459	3.277	11.1	19.8
2 1	10 58.05	+32 39.0	2.382	3.262	9.1	19.7
2 11	10 50.61	+33 38.1	2.330	3.247	7.6	19.5
2 21	10 41.65	+34 23.9	2.305	3.232	7.2	19.5
3 2	10 32.05	+34 50.2	2.308	3.217	8.3	19.5
3 12	10 22.84	+34 53.6	2.337	3.201	10.3	19.6
3 22	10 14.93	+34 33.9	2.390	3.186	12.5	19.8
4 1	10 9.01	+33 53.2	2.463	3.170	14.5	19.9

394856 2008 TL_{58} 2 26.8 237°.84 0°.4/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.86	+ 6 49.1	1.785	2.590	15.1	22.7
2 1	10 59.00	+ 7 26.3	1.684	2.575	11.6	22.4
2 11	10 51.56	+ 8 18.8	1.607	2.558	7.5	22.1
2 21	10 42.12	+ 9 22.1	1.557	2.541	2.7	21.8
3 2	10 31.65	+10 29.1	1.535	2.523	2.4	21.7
3 12	10 21.40	+11 31.9	1.543	2.504	7.3	22.0
3 22	10 12.55	+12 23.7	1.577	2.485	11.9	22.2
4 1	10 6.05	+13 0.2	1.634	2.464	15.9	22.4

253302 2003 BL_{85} 2 26.8 58°.33 3°.8/ 1.1 18

1 22	10 59.24	− 3 48.9	1.595	2.377	17.7	20.0
2 1	10 55.31	− 3 39.4	1.529	2.395	14.1	19.8
2 11	10 49.00	− 3 6.2	1.484	2.413	10.1	19.6
2 21	10 41.06	− 2 11.5	1.462	2.432	5.9	19.4
3 2	10 32.52	− 1 1.0	1.468	2.451	3.9	19.3
3 12	10 24.59	+ 0 16.9	1.500	2.469	6.5	19.5
3 22	10 18.24	+ 1 33.5	1.559	2.488	10.5	19.8
4 1	10 14.19	+ 2 41.6	1.641	2.508	14.1	20.1

229633 2006 ED_{39} 2 26.8 349°.93 4°.6/ 1.2 18

1 22	10 57.30	− 3 4.7	1.597	2.386	17.4	19.7
2 1	10 54.09	− 3 29.1	1.511	2.379	14.1	19.5
2 11	10 48.43	− 3 32.7	1.445	2.374	10.3	19.2
2 21	10 40.93	− 3 15.4	1.403	2.370	6.5	19.0
3 2	10 32.57	− 2 40.1	1.386	2.366	4.6	18.9
3 12	10 24.57	− 1 52.7	1.395	2.363	7.0	19.0
3 22	10 18.05	− 1 0.6	1.429	2.361	11.0	19.2
4 1	10 13.85	− 0 11.3	1.486	2.360	14.9	19.5

333248 2012 HE_{78} 2 26.8 226°.56 6°.0/ 3.5 17

1 22	10 58.65	−10 4.8	1.991	2.725	16.2	21.3
2 1	10 54.68	−10 22.1	1.897	2.722	13.6	21.1
2 11	10 48.60	−10 16.5	1.824	2.720	10.6	21.0
2 21	10 40.94	− 9 47.2	1.774	2.717	7.8	20.8
3 2	10 32.56	− 8 56.0	1.751	2.715	6.1	20.7
3 12	10 24.46	− 7 48.1	1.755	2.712	7.1	20.7
3 22	10 17.58	− 6 30.8	1.787	2.709	9.8	20.9
4 1	10 12.66	− 5 12.0	1.842	2.706	12.9	21.0

122448 2000 QP_{136} 2 26.8 257°.14 0°.7/27.3 18

1 22	11 0.54	+ 3 32.3	1.661	2.466	16.1	20.0
2 1	10 56.60	+ 4 8.1	1.564	2.452	12.5	19.8
2 11	10 50.09	+ 5 3.5	1.488	2.437	8.2	19.5
2 21	10 41.58	+ 6 14.6	1.439	2.422	3.4	19.1
3 2	10 32.05	+ 7 34.4	1.417	2.406	2.0	19.0
3 12	10 22.77	+ 8 53.9	1.423	2.390	7.1	19.3
3 22	10 14.91	+10 4.6	1.455	2.373	12.0	19.5
4 1	10 9.45	+11 0.5	1.510	2.357	16.2	19.7

256165 2006 VW_{54} 2 26.8 60°.16 1°.1/27.7 18 R

1 22	10 59.83	+ 3 16.3	1.663	2.469	16.0	20.5
2 1	10 55.79	+ 3 38.0	1.587	2.475	12.4	20.3
2 11	10 49.36	+ 4 17.1	1.533	2.480	8.1	20.1
2 21	10 41.22	+ 5 9.7	1.505	2.486	3.5	19.8
3 2	10 32.39	+ 6 9.5	1.503	2.492	2.0	19.7
3 12	10 24.05	+ 7 8.9	1.530	2.498	6.5	20.0
3 22	10 17.22	+ 8 1.2	1.582	2.504	10.9	20.3
4 1	10 12.68	+ 8 41.4	1.658	2.510	14.7	20.5

500549 2012 UC_{36} 2 26.8 127°.72 0°.2/26.9 17

1 22	10 58.02	+ 6 2.8	2.742	3.533	10.8	22.4
2 1	10 53.47	+ 6 30.5	2.663	3.544	8.2	22.2
2 11	10 47.44	+ 7 7.3	2.609	3.556	5.2	22.1
2 21	10 40.41	+ 7 50.1	2.584	3.567	2.0	21.9
3 2	10 33.00	+ 8 34.9	2.589	3.578	1.4	21.8
3 12	10 25.91	+ 9 17.5	2.625	3.588	4.6	22.1
3 22	10 19.73	+ 9 54.5	2.690	3.598	7.6	22.3
4 1	10 14.97	+10 23.2	2.781	3.608	10.2	22.5

219027 1994 GD_{11} 2 26.8 85°.62 1°.6/25.4 18

1 22	11 1.86	+11 0.1	1.846	2.664	14.1	20.8
2 1	10 57.05	+11 32.0	1.775	2.674	10.6	20.6
2 11	10 50.01	+12 12.8	1.729	2.683	6.6	20.3
2 21	10 41.43	+12 57.2	1.709	2.693	2.5	20.1
3 2	10 32.27	+13 38.9	1.718	2.702	3.0	20.1
3 12	10 23.64	+14 12.0	1.755	2.712	7.0	20.4
3 22	10 16.50	+14 32.8	1.818	2.721	10.9	20.7
4 1	10 11.51	+14 39.4	1.904	2.731	14.2	20.9

172772 2004 EZ_{12} 2 26.8 283°.38 1°.1/25.7 18

1 22	10 57.49	+ 9 28.4	2.253	3.065	12.1	20.2
2 1	10 53.55	+10 6.4	2.160	3.056	9.2	20.0
2 11	10 47.75	+10 54.1	2.092	3.046	5.7	19.8
2 21	10 40.60	+11 47.3	2.052	3.036	2.1	19.5
3 2	10 32.84	+12 40.4	2.041	3.026	2.4	19.5
3 12	10 25.34	+13 27.9	2.059	3.017	6.1	19.7
3 22	10 18.90	+14 5.5	2.104	3.007	9.6	19.9
4 1	10 14.17	+14 30.3	2.173	2.997	12.7	20.1

73446 2002 NX_{12} 2 26.8 231.°72 3.°0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.57	+13 49.8	2.184	3.008	12.0	19.1
2 1	10 53.69	+15 7.4	2.101	3.004	9.0	18.9
2 11	10 47.87	+16 33.4	2.044	2.999	5.7	18.7
2 21	10 40.65	+18 1.1	2.015	2.995	3.1	18.5
3 2	10 32.81	+19 22.9	2.016	2.990	4.3	18.6
3 12	10 25.27	+20 32.1	2.046	2.985	7.5	18.8
3 22	10 18.85	+21 24.2	2.102	2.980	10.8	19.0
4 1	10 14.24	+21 57.1	2.181	2.974	13.7	19.1

15987 1998 XV_{10} 2 26.8 320.°55 2.°5/24.9 18

1 22	10 58.47	+10 15.0	1.299	2.142	17.5	18.0
2 1	10 55.59	+11 12.8	1.220	2.131	13.3	17.7
2 11	10 49.70	+12 27.9	1.161	2.121	8.4	17.4
2 21	10 41.49	+13 52.1	1.127	2.111	3.4	17.1
3 2	10 32.17	+15 14.2	1.118	2.102	4.4	17.1
3 12	10 23.31	+16 23.1	1.134	2.093	9.7	17.4
3 22	10 16.31	+17 11.0	1.173	2.085	14.8	17.7
4 1	10 12.20	+17 34.3	1.232	2.077	19.2	17.9

199940 2007 GD_{59} 2 26.8 127.°21 2.°2/28.6 18

1 22	11 3.80	+ 0 31.2	1.667	2.455	16.7	21.1
2 1	10 58.74	+ 0 46.5	1.593	2.468	13.1	20.8
2 11	10 51.21	+ 1 21.3	1.541	2.480	8.9	20.6
2 21	10 41.91	+ 2 12.3	1.514	2.492	4.4	20.4
3 2	10 31.93	+ 3 13.7	1.516	2.503	2.5	20.3
3 12	10 22.51	+ 4 17.9	1.545	2.514	6.5	20.5
3 22	10 14.72	+ 5 17.4	1.602	2.524	10.8	20.8
4 1	10 9.31	+ 6 6.7	1.682	2.533	14.6	21.1

301536 2009 FO_{47} 2 26.8 337.°36 8.°7/ 8.9 18

1 22	10 53.32	−22 4.6	2.148	2.804	17.2	19.8
2 1	10 50.63	−22 1.4	2.044	2.796	15.3	19.6
2 11	10 46.02	−21 27.3	1.957	2.788	13.1	19.5
2 21	10 39.99	−20 20.0	1.891	2.780	10.8	19.3
3 2	10 33.30	−18 40.1	1.850	2.774	9.1	19.2
3 12	10 26.87	−16 33.0	1.835	2.767	8.8	19.1
3 22	10 21.55	−14 7.5	1.848	2.761	10.1	19.2
4 1	10 18.02	−11 34.9	1.886	2.756	12.4	19.3

64933 2001 YZ_{112} 2 26.8 276.°54 2.°3/28.4 18

1 22	11 1.26	+ 1 27.0	1.536	2.338	17.3	19.7
2 1	10 57.35	+ 1 29.9	1.441	2.324	13.7	19.4
2 11	10 50.68	+ 1 52.6	1.367	2.310	9.4	19.1
2 21	10 41.85	+ 2 33.2	1.317	2.295	4.6	18.8
3 2	10 31.90	+ 3 26.8	1.293	2.281	2.7	18.6
3 12	10 22.23	+ 4 25.5	1.297	2.266	7.2	18.9
3 22	10 14.11	+ 5 21.3	1.325	2.252	12.2	19.1
4 1	10 8.58	+ 6 7.3	1.376	2.237	16.6	19.3

261537 2005 WG_{116} 2 26.8 2.°81 9.°4/ 5.4 18

1 22	10 55.02	−13 16.3	1.438	2.188	20.7	19.4
2 1	10 52.65	−14 12.3	1.359	2.187	17.9	19.2
2 11	10 47.66	−14 37.9	1.298	2.186	14.6	19.0
2 21	10 40.69	−14 29.6	1.256	2.187	11.5	18.8
3 2	10 32.80	−13 47.3	1.237	2.189	9.6	18.7
3 12	10 25.32	−12 36.6	1.241	2.193	10.0	18.7
3 22	10 19.47	−11 7.6	1.269	2.197	12.5	18.9
4 1	10 16.13	− 9 31.9	1.318	2.203	15.7	19.1

403833 2011 UD_{241} 2 26.8 246.°97 1.°4/25.7 17

1 22	11 4.20	+ 9 46.8	1.703	2.519	15.3	22.1
2 1	10 59.36	+10 20.0	1.607	2.504	11.7	21.8
2 11	10 51.84	+11 5.8	1.535	2.489	7.4	21.5
2 21	10 42.26	+11 58.6	1.489	2.473	2.8	21.2
3 2	10 31.64	+12 51.4	1.471	2.457	3.0	21.2
3 12	10 21.30	+13 36.4	1.481	2.440	7.9	21.4
3 22	10 12.48	+14 8.1	1.517	2.423	12.5	21.7
4 1	10 6.13	+14 23.5	1.576	2.405	16.5	21.9

325433 2009 OR_{19} 2 26.8 234.°49 1.°2/28.1 17

1 22	10 58.74	+ 0 57.9	2.147	2.930	13.6	22.1
2 1	10 54.64	+ 1 42.0	2.044	2.918	10.7	21.9
2 11	10 48.55	+ 2 44.2	1.965	2.906	7.1	21.6
2 21	10 40.95	+ 4 1.1	1.913	2.893	3.3	21.3
3 2	10 32.62	+ 5 27.2	1.891	2.880	1.8	21.2
3 12	10 24.49	+ 6 55.1	1.899	2.866	5.6	21.4
3 22	10 17.45	+ 8 17.6	1.935	2.851	9.6	21.6
4 1	10 12.20	+ 9 29.0	1.996	2.836	13.1	21.8

378322 2007 GX_{26} 2 26.8 327.°07 0.°9/27.6 17

1 22	10 57.64	+ 3 0.8	1.932	2.731	14.3	20.8
2 1	10 53.90	+ 3 36.7	1.846	2.730	11.1	20.6
2 11	10 48.08	+ 4 29.2	1.784	2.730	7.3	20.4
2 21	10 40.76	+ 5 34.4	1.747	2.729	3.1	20.1
3 2	10 32.79	+ 6 46.3	1.740	2.729	1.7	20.0
3 12	10 25.16	+ 7 57.5	1.761	2.728	6.0	20.3
3 22	10 18.79	+ 9 1.5	1.809	2.728	10.0	20.5
4 1	10 14.36	+ 9 53.4	1.881	2.727	13.5	20.7

273007 2006 DV_{78} 2 26.8 33.°19 0.°5/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.73	+ 5 27.7	1.972	2.775	14.0	21.0
2 1	10 55.41	+ 5 44.3	1.888	2.775	10.7	20.8
2 11	10 49.00	+ 6 13.6	1.828	2.776	6.9	20.5
2 21	10 41.09	+ 6 52.2	1.794	2.777	2.8	20.3
3 2	10 32.55	+ 7 35.2	1.789	2.777	1.7	20.2
3 12	10 24.40	+ 8 16.7	1.812	2.778	5.9	20.5
3 22	10 17.52	+ 8 51.9	1.863	2.779	9.9	20.7
4 1	10 12.61	+ 9 17.0	1.937	2.780	13.3	20.9

305343 2008 AX_{116} 2 26.8 274.°77 4.°7/ 1.6 16

1 22	11 3.99	− 5 22.9	2.570	3.300	13.0	20.6
2 1	10 58.35	− 6 14.3	2.454	3.283	10.8	20.4
2 11	10 50.80	− 6 53.3	2.363	3.265	8.2	20.2
2 21	10 41.79	− 7 18.7	2.298	3.247	5.8	20.0
3 2	10 32.01	− 7 30.5	2.264	3.229	4.7	19.9
3 12	10 22.33	− 7 30.4	2.259	3.211	6.0	20.0
3 22	10 13.56	− 7 21.7	2.283	3.193	8.6	20.1
4 1	10 6.42	− 7 8.3	2.334	3.175	11.4	20.2

217639 1996 XH_{20} 2 26.8 101.°31 0.°3/27.1 18

1 22	11 2.45	+ 5 19.1	2.190	2.981	13.2	21.9
2 1	10 57.04	+ 5 49.6	2.126	3.007	10.0	21.8
2 11	10 49.78	+ 6 31.6	2.086	3.033	6.4	21.6
2 21	10 41.31	+ 7 21.1	2.075	3.058	2.4	21.4
3 2	10 32.46	+ 8 12.8	2.093	3.082	1.6	21.4
3 12	10 24.12	+ 9 1.5	2.142	3.106	5.4	21.7
3 22	10 17.06	+ 9 42.6	2.219	3.129	8.9	21.9
4 1	10 11.84	+10 13.4	2.321	3.151	11.8	22.1

115373 2003 SA_{259} 2 26.8 99.°48 0.°1/26.7 18

1 22	10 59.49	+ 6 52.0	2.099	2.904	13.2	20.5
2 1	10 55.07	+ 7 16.2	2.019	2.908	10.0	20.3
2 11	10 48.71	+ 7 51.6	1.963	2.913	6.4	20.1
2 21	10 40.97	+ 8 34.4	1.934	2.917	2.4	19.8
3 2	10 32.68	+ 9 19.3	1.934	2.922	1.8	19.8
3 12	10 24.77	+10 1.1	1.963	2.927	5.8	20.1
3 22	10 18.09	+10 35.2	2.019	2.931	9.5	20.3
4 1	10 13.25	+10 58.5	2.100	2.935	12.7	20.5

229107 2004 RZ_{49} 2 26.8 130.°78 0.°3/27.1 18

1 22	11 0.07	+ 5 1.3	2.338	3.130	12.4	21.5
2 1	10 55.27	+ 5 37.3	2.262	3.143	9.5	21.3
2 11	10 48.71	+ 6 25.0	2.210	3.156	6.1	21.1
2 21	10 40.95	+ 7 20.7	2.186	3.169	2.3	20.9
3 2	10 32.73	+ 8 19.2	2.193	3.181	1.5	20.8
3 12	10 24.90	+ 9 15.1	2.229	3.193	5.2	21.1
3 22	10 18.18	+10 3.8	2.294	3.204	8.6	21.3
4 1	10 13.15	+10 42.1	2.385	3.214	11.5	21.5

414758 2010 GS_{131} 2 26.8 249.°72 1.°8/25.4 17

1 22	11 4.28	+10 48.0	1.804	2.619	14.6	22.7
2 1	10 59.33	+11 25.6	1.704	2.601	11.1	22.4
2 11	10 51.80	+12 14.7	1.628	2.582	7.1	22.1
2 21	10 42.26	+13 9.6	1.579	2.563	2.8	21.8
3 2	10 31.69	+14 3.2	1.559	2.543	3.3	21.8
3 12	10 21.35	+14 48.1	1.567	2.523	7.8	22.0
3 22	10 12.43	+15 19.1	1.601	2.502	12.3	22.2
4 1	10 5.87	+15 33.4	1.658	2.480	16.1	22.4

279556 2011 CU_{68} 2 26.8 156.°27 6.°0/20.4 17

1 22	11 2.60	+25 13.1	2.194	3.021	11.9	20.5
2 1	10 57.49	+26 24.4	2.129	3.024	9.3	20.4
2 11	10 50.26	+27 33.5	2.090	3.028	7.0	20.2
2 21	10 41.55	+28 32.6	2.078	3.031	6.0	20.2
3 2	10 32.30	+29 15.1	2.095	3.034	7.2	20.2
3 12	10 23.52	+29 36.7	2.139	3.037	9.6	20.4
3 22	10 16.13	+29 36.5	2.207	3.039	12.2	20.6
4 1	10 10.78	+29 15.9	2.297	3.041	14.5	20.7

1279 Uganda 2 26.8 265.°94 0.°2/26.9 18

1 22	11 4.04	+ 6 58.1	1.761	2.567	15.2	16.6
2 1	10 59.22	+ 7 8.7	1.657	2.547	11.8	16.4
2 11	10 51.78	+ 7 32.3	1.576	2.526	7.7	16.1
2 21	10 42.27	+ 8 5.4	1.521	2.505	2.9	15.7
3 2	10 31.68	+ 8 42.8	1.495	2.483	2.1	15.6
3 12	10 21.28	+ 9 18.0	1.496	2.461	7.1	15.9
3 22	10 12.28	+ 9 45.4	1.524	2.438	11.8	16.1
4 1	10 5.65	+10 1.2	1.575	2.416	15.9	16.3

34852 2001 TS_{12} 2 26.8 145.°74 1.°2/25.8 18

1 22	11 5.20	+ 9 29.9	1.745	2.557	15.1	19.3
2 1	10 59.76	+10 3.9	1.671	2.565	11.4	19.1
2 11	10 51.84	+10 49.1	1.621	2.574	7.2	18.8
2 21	10 42.19	+11 39.8	1.597	2.581	2.6	18.6
3 2	10 31.85	+12 29.2	1.602	2.588	2.8	18.6
3 12	10 22.07	+13 10.5	1.636	2.595	7.3	18.9
3 22	10 13.91	+13 39.3	1.696	2.601	11.4	19.1
4 1	10 8.13	+13 53.1	1.780	2.606	15.0	19.4

500063 2011 UA_{286} 2 26.8 170°.89 3°.6/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.53	− 5 4.4	2.877	3.612	11.7	21.4
2 1	10 54.64	− 5 24.1	2.781	3.614	9.5	21.2
2 11	10 48.24	− 5 30.6	2.709	3.616	7.1	21.1
2 21	10 40.78	− 5 24.3	2.663	3.618	4.7	20.9
3 2	10 32.86	− 5 6.6	2.648	3.619	3.6	20.8
3 12	10 25.16	− 4 40.5	2.662	3.621	4.8	20.9
3 22	10 18.31	− 4 9.6	2.705	3.621	7.2	21.1
4 1	10 12.84	− 3 37.8	2.775	3.622	9.6	21.2

29137 Alanboss 2 26.8 118°.04 10°.7/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.17	−25 29.9	1.923	2.548	19.8	19.6
2 1	10 57.45	−25 53.1	1.846	2.567	17.7	19.5
2 11	10 50.37	−25 42.4	1.784	2.586	15.4	19.4
2 21	10 41.64	−24 54.4	1.741	2.603	13.0	19.2
3 2	10 32.25	−23 29.2	1.721	2.620	11.3	19.2
3 12	10 23.37	−21 32.5	1.727	2.637	10.7	19.2
3 22	10 16.03	−19 14.5	1.758	2.652	11.7	19.3
4 1	10 10.96	−16 47.2	1.815	2.667	13.6	19.4

426217 2012 KM_{49} 2 26.8 208°.02 2°.2/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.81	+12 25.6	2.161	2.978	12.4	21.6
2 1	10 55.38	+13 20.2	2.076	2.975	9.3	21.4
2 11	10 48.96	+14 23.2	2.016	2.971	5.8	21.2
2 21	10 41.11	+15 28.9	1.985	2.967	2.6	20.9
3 2	10 32.62	+16 30.7	1.982	2.963	3.5	21.0
3 12	10 24.47	+17 22.6	2.010	2.958	7.0	21.2
3 22	10 17.49	+18 0.3	2.063	2.953	10.4	21.4
4 1	10 12.37	+18 21.9	2.141	2.948	13.5	21.6

206279 2003 AA_{21} 2 26.8 333°.44 3°.2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.74	+15 37.1	2.065	2.895	12.4	19.8
2 1	10 53.92	+16 31.6	1.985	2.890	9.3	19.6
2 11	10 48.07	+17 32.2	1.930	2.885	6.0	19.4
2 21	10 40.78	+18 32.4	1.902	2.881	3.4	19.2
3 2	10 32.87	+19 25.5	1.902	2.876	4.5	19.3
3 12	10 25.32	+20 5.8	1.931	2.872	7.7	19.5
3 22	10 18.99	+20 29.9	1.985	2.869	11.1	19.7
4 1	10 14.57	+20 36.4	2.062	2.865	14.0	19.9

277946 2006 QH_{62} 2 26.8 160°.87 1°.9/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.21	+13 35.1	2.902	3.711	9.8	21.5
2 1	10 53.62	+14 21.0	2.822	3.717	7.3	21.3
2 11	10 47.57	+15 11.6	2.769	3.722	4.6	21.2
2 21	10 40.52	+16 2.9	2.745	3.727	2.2	21.0
3 2	10 33.08	+16 50.4	2.753	3.731	2.8	21.1
3 12	10 25.92	+17 30.1	2.790	3.735	5.5	21.2
3 22	10 19.64	+17 59.3	2.856	3.738	8.1	21.4
4 1	10 14.73	+18 16.6	2.947	3.741	10.5	21.6

193078 2000 GB_{31} 2 26.8 302°.47 2°.0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.66	+ 0 54.7	1.370	2.183	18.5	20.3
2 1	10 55.60	+ 1 17.3	1.283	2.173	14.6	20.0
2 11	10 49.68	+ 2 4.6	1.217	2.163	9.9	19.7
2 21	10 41.53	+ 3 13.3	1.174	2.154	4.7	19.4
3 2	10 32.28	+ 4 36.3	1.156	2.144	2.6	19.2
3 12	10 23.40	+ 6 3.1	1.164	2.136	7.6	19.5
3 22	10 16.23	+ 7 23.3	1.197	2.127	12.9	19.8
4 1	10 11.79	+ 8 28.5	1.251	2.118	17.5	20.0

280198 2002 TS_{26} 2 26.8 108°.27 1°.8/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 7.45	+10 42.8	1.519	2.338	16.6	21.0
2 1	11 1.64	+11 21.6	1.459	2.357	12.5	20.8
2 11	10 53.08	+12 11.3	1.421	2.376	7.8	20.6
2 21	10 42.65	+13 5.0	1.409	2.394	3.0	20.3
3 2	10 31.60	+13 54.4	1.426	2.411	3.4	20.4
3 12	10 21.36	+14 32.5	1.470	2.428	8.1	20.7
3 22	10 13.07	+14 55.0	1.540	2.444	12.4	21.0
4 1	10 7.48	+15 0.8	1.632	2.459	16.1	21.3

168627 2000 CO_{65} 2 26.8 43°.07 1°.2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.11	+ 6 54.2	1.756	2.577	14.7	19.2
2 1	10 52.83	+ 8 9.8	1.690	2.590	11.0	19.0
2 11	10 47.43	+ 9 40.8	1.648	2.603	6.8	18.8
2 21	10 40.54	+11 20.0	1.632	2.617	2.4	18.5
3 2	10 33.10	+12 58.4	1.645	2.631	2.8	18.6
3 12	10 26.15	+14 27.1	1.687	2.646	7.1	18.9
3 22	10 20.58	+15 39.5	1.754	2.661	11.0	19.1
4 1	10 17.05	+16 32.1	1.845	2.676	14.3	19.4

411386 2010 VU_{78} 2 26.8 30°.59 3°.1/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.72	+12 17.1	1.509	2.347	15.7	20.9
2 1	10 55.22	+13 24.5	1.443	2.353	11.8	20.7
2 11	10 49.14	+14 43.4	1.400	2.359	7.4	20.4
2 21	10 41.23	+16 5.5	1.383	2.365	3.5	20.2
3 2	10 32.60	+17 20.9	1.392	2.372	4.7	20.3
3 12	10 24.55	+18 20.7	1.428	2.379	8.9	20.6
3 22	10 18.19	+19 0.0	1.488	2.387	13.1	20.8
4 1	10 14.30	+19 17.1	1.569	2.395	16.7	21.1

298941 2004 TW_{240} 2 26.8 202°.17 2°.8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.98	− 0 7.0	1.827	2.606	15.8	21.4
2 1	10 58.91	− 0 10.9	1.734	2.602	12.6	21.1
2 11	10 51.41	+ 0 2.8	1.664	2.599	8.8	20.9
2 21	10 42.09	+ 0 32.4	1.620	2.594	4.7	20.6
3 2	10 31.93	+ 1 14.1	1.604	2.589	3.0	20.5
3 12	10 22.10	+ 2 2.1	1.616	2.584	6.4	20.7
3 22	10 13.68	+ 2 49.7	1.656	2.578	10.5	20.9
4 1	10 7.52	+ 3 31.4	1.720	2.571	14.3	21.1

486950 2014 MH_{53} 2 26.8 243°.28 4°.0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.18	− 3 22.7	1.650	2.428	17.3	21.3
2 1	10 57.10	− 3 24.0	1.555	2.419	14.1	21.1
2 11	10 50.43	− 3 2.6	1.481	2.410	10.2	20.8
2 21	10 41.78	− 2 19.0	1.431	2.400	6.1	20.6
3 2	10 32.14	− 1 17.2	1.408	2.390	4.1	20.4
3 12	10 22.78	− 0 4.4	1.412	2.380	7.0	20.5
3 22	10 14.89	+ 1 10.7	1.442	2.369	11.3	20.8
4 1	10 9.39	+ 2 19.7	1.495	2.359	15.4	21.0

402933 2007 TB_{214} 2 26.8 114°.10 0°.3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.86	+ 7 11.0	1.824	2.627	14.9	22.2
2 1	10 59.29	+ 7 37.8	1.757	2.645	11.3	22.0
2 11	10 51.44	+ 8 16.7	1.713	2.663	7.2	21.8
2 21	10 42.02	+ 9 2.9	1.696	2.680	2.6	21.6
3 2	10 32.07	+ 9 50.3	1.708	2.696	2.1	21.6
3 12	10 22.72	+10 32.7	1.749	2.712	6.5	21.9
3 22	10 14.93	+11 5.3	1.818	2.727	10.5	22.1
4 1	10 9.38	+11 25.5	1.910	2.742	13.9	22.4

429608 2011 FH_{7} 2 26.8 313°.86 1°.9/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.80	+ 0 22.6	1.754	2.553	15.6	20.7
2 1	10 52.86	+ 0 51.6	1.656	2.538	12.3	20.5
2 11	10 47.65	+ 1 41.7	1.580	2.523	8.4	20.2
2 21	10 40.73	+ 2 49.9	1.529	2.508	4.1	19.9
3 2	10 32.94	+ 4 10.5	1.506	2.494	2.2	19.7
3 12	10 25.39	+ 5 35.2	1.510	2.481	6.4	20.0
3 22	10 19.12	+ 6 55.5	1.541	2.467	10.8	20.2
4 1	10 14.96	+ 8 4.3	1.594	2.454	14.8	20.4

467654 2008 TB_{100} 2 26.8 139°.50 1°.3/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.11	+10 30.1	2.213	3.024	12.4	22.1
2 1	10 55.47	+11 7.7	2.135	3.029	9.3	21.9
2 11	10 48.94	+11 53.7	2.081	3.035	5.8	21.7
2 21	10 41.10	+12 43.4	2.056	3.040	2.2	21.4
3 2	10 32.73	+13 31.3	2.060	3.045	2.6	21.5
3 12	10 24.75	+14 12.1	2.094	3.050	6.2	21.7
3 22	10 17.94	+14 42.1	2.155	3.054	9.6	21.9
4 1	10 12.94	+14 59.1	2.240	3.058	12.6	22.1

185120 2006 SD_{63} 2 26.8 142°.78 0°.2/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.06	+ 5 12.5	2.677	3.468	11.0	20.7
2 1	10 52.86	+ 5 46.5	2.593	3.475	8.4	20.6
2 11	10 47.16	+ 6 30.8	2.534	3.481	5.4	20.4
2 21	10 40.41	+ 7 22.2	2.504	3.487	2.1	20.1
3 2	10 33.24	+ 8 16.4	2.504	3.492	1.4	20.1
3 12	10 26.35	+ 9 8.7	2.534	3.498	4.7	20.3
3 22	10 20.36	+ 9 55.2	2.593	3.503	7.7	20.5
4 1	10 15.80	+10 32.6	2.678	3.508	10.4	20.7

387006 2012 RH_{12} 2 26.8 111°.39 3°.4/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 6.73	+21 24.6	2.821	3.626	10.1	20.9
2 1	10 59.89	+21 47.2	2.758	3.647	7.7	20.8
2 11	10 51.42	+22 8.3	2.723	3.667	5.2	20.6
2 21	10 41.94	+22 23.6	2.718	3.687	3.5	20.5
3 2	10 32.18	+22 29.3	2.744	3.707	4.2	20.6
3 12	10 22.94	+22 23.3	2.801	3.726	6.5	20.8
3 22	10 14.90	+22 5.1	2.886	3.744	8.8	21.0
4 1	10 8.53	+21 35.4	2.996	3.762	11.0	21.1

92801 2000 QC_{159} 2 26.8 89°.06 4°.1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.84	− 2 15.9	1.565	2.345	18.0	19.8
2 1	10 59.66	− 2 35.5	1.497	2.361	14.4	19.6
2 11	10 51.86	− 2 34.2	1.449	2.378	10.3	19.3
2 21	10 42.24	− 2 13.0	1.425	2.394	6.1	19.1
3 2	10 31.93	− 1 35.8	1.429	2.411	4.2	19.1
3 12	10 22.27	− 0 49.3	1.460	2.426	7.0	19.3
3 22	10 14.37	− 0 0.8	1.516	2.442	11.0	19.5
4 1	10 9.01	+ 0 42.9	1.596	2.458	14.7	19.8

433632 2013 YZ_{133} 2 26.8 72°.18 5°.0/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.45	+22 15.1	2.220	3.049	11.7	20.9
2 1	10 55.80	+23 14.4	2.154	3.054	9.0	20.7
2 11	10 49.17	+24 13.4	2.113	3.059	6.3	20.5
2 21	10 41.19	+25 5.4	2.099	3.063	5.0	20.5
3 2	10 32.70	+25 44.2	2.114	3.068	6.1	20.5
3 12	10 24.66	+26 5.6	2.157	3.073	8.6	20.7
3 22	10 17.91	+26 8.1	2.225	3.078	11.3	20.9
4 1	10 13.06	+25 52.4	2.315	3.082	13.8	21.1

247866 2003 UH_{82} 2 26.8 233°.83 2°.9/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 4.31	+14 13.8	1.923	2.742	13.7	21.3
2 1	10 59.17	+15 1.5	1.831	2.730	10.4	21.1
2 11	10 51.60	+15 57.1	1.763	2.717	6.6	20.8
2 21	10 42.20	+16 54.2	1.722	2.703	3.3	20.6
3 2	10 31.92	+17 45.5	1.710	2.688	4.3	20.6
3 12	10 21.95	+18 24.2	1.727	2.673	8.1	20.8
3 22	10 13.38	+18 46.5	1.771	2.658	12.0	21.0
4 1	10 7.04	+18 50.8	1.836	2.641	15.5	21.2

327015 2004 RU_{147} 2 26.8 150°.56 0°.7/27.6 16

1 22	10 58.76	+ 2 49.0	2.287	3.074	12.8	21.4
2 1	10 54.41	+ 3 31.6	2.203	3.081	9.9	21.2
2 11	10 48.26	+ 4 28.5	2.144	3.087	6.4	21.0
2 21	10 40.86	+ 5 36.1	2.112	3.094	2.7	20.8
3 2	10 32.94	+ 6 48.8	2.111	3.099	1.5	20.7
3 12	10 25.35	+ 8 0.4	2.139	3.105	5.2	20.9
3 22	10 18.85	+ 9 5.4	2.196	3.109	8.7	21.2
4 1	10 14.03	+ 9 59.5	2.278	3.114	11.8	21.4

66889 1999 VW_{78} 2 26.8 129°.63 2°.5/29.2 18

1 22	10 58.62	− 0 53.0	2.055	2.833	14.3	20.0
2 1	10 54.53	− 0 42.6	1.968	2.835	11.4	19.8
2 11	10 48.46	− 0 15.1	1.903	2.837	7.9	19.6
2 21	10 40.97	+ 0 27.4	1.865	2.838	4.3	19.4
3 2	10 32.86	+ 1 20.8	1.855	2.840	2.6	19.3
3 12	10 25.08	+ 2 19.2	1.873	2.842	5.5	19.5
3 22	10 18.49	+ 3 16.5	1.920	2.843	9.2	19.7
4 1	10 13.76	+ 4 7.4	1.990	2.845	12.5	19.9

371216 2006 AX_{92} 2 26.8 114°.01 1°.2/27.9 18

1 22	11 2.25	+ 3 51.4	2.122	2.910	13.6	21.8
2 1	10 57.09	+ 3 58.4	2.046	2.923	10.5	21.7
2 11	10 49.97	+ 4 17.8	1.993	2.936	6.9	21.5
2 21	10 41.49	+ 4 46.8	1.967	2.948	3.1	21.2
3 2	10 32.51	+ 5 21.2	1.971	2.960	1.7	21.1
3 12	10 23.97	+ 5 56.0	2.005	2.971	5.4	21.4
3 22	10 16.70	+ 6 26.9	2.067	2.983	9.1	21.7
4 1	10 11.32	+ 6 50.4	2.153	2.994	12.2	21.9

309365 2007 TO_{97} 2 26.8 96°.21 2°.2/25.0 18

1 22	11 4.63	+11 43.3	1.648	2.470	15.4	21.1
2 1	10 59.35	+12 29.8	1.588	2.489	11.6	20.9
2 11	10 51.57	+13 25.8	1.552	2.507	7.2	20.7
2 21	10 42.11	+14 24.2	1.541	2.525	3.0	20.5
3 2	10 32.09	+15 17.2	1.560	2.543	3.7	20.5
3 12	10 22.78	+15 58.1	1.606	2.560	7.9	20.8
3 22	10 15.21	+16 22.9	1.678	2.577	11.9	21.1
4 1	10 10.08	+16 30.6	1.772	2.593	15.3	21.4

508714 2017 UT_{24} 2 26.8 183°.11 0°.9/25.7 17

1 22	10 58.18	+ 9 45.7	2.846	3.646	10.2	22.0
2 1	10 53.66	+10 21.1	2.757	3.646	7.7	21.9
2 11	10 47.65	+11 3.5	2.695	3.646	4.8	21.7
2 21	10 40.61	+11 49.5	2.662	3.646	1.8	21.5
3 2	10 33.14	+12 34.9	2.659	3.645	1.9	21.5
3 12	10 25.92	+13 15.6	2.688	3.644	5.0	21.7
3 22	10 19.56	+13 48.3	2.745	3.642	7.9	21.9
4 1	10 14.58	+14 11.1	2.827	3.640	10.4	22.0

303997 2006 BK_{178} 2 26.8 229°.05 2°.1/24.9 18

1 22	11 3.30	+11 1.3	1.864	2.679	14.2	21.2
2 1	10 58.48	+11 56.7	1.770	2.667	10.7	20.9
2 11	10 51.21	+13 3.9	1.701	2.655	6.8	20.7
2 21	10 42.08	+14 16.8	1.658	2.642	2.8	20.4
3 2	10 32.03	+15 27.3	1.645	2.627	3.6	20.4
3 12	10 22.26	+16 27.6	1.661	2.613	7.8	20.6
3 22	10 13.88	+17 12.2	1.703	2.597	12.0	20.9
4 1	10 7.74	+17 38.3	1.768	2.581	15.6	21.1

417597 2006 VJ_{108} 2 26.8 134°.34 1°.7/25.4 18

1 22	11 2.77	+11 9.6	1.852	2.670	14.2	21.8
2 1	10 57.84	+11 45.1	1.778	2.675	10.7	21.6
2 11	10 50.62	+12 29.9	1.727	2.681	6.7	21.3
2 21	10 41.78	+13 18.3	1.702	2.686	2.6	21.1
3 2	10 32.30	+14 3.7	1.707	2.692	3.1	21.1
3 12	10 23.33	+14 40.1	1.740	2.696	7.2	21.4
3 22	10 15.82	+15 3.6	1.800	2.701	11.1	21.6
4 1	10 10.51	+15 12.2	1.882	2.705	14.4	21.8

407730 2011 UV_{337} 2 26.8 118°.05 3°.7/24.1 18

1 22	11 5.77	+15 41.5	1.612	2.440	15.4	21.8
2 1	11 0.41	+16 27.4	1.546	2.449	11.6	21.6
2 11	10 52.37	+17 19.3	1.503	2.458	7.4	21.4
2 21	10 42.45	+18 9.5	1.486	2.466	4.0	21.2
3 2	10 31.84	+18 49.9	1.497	2.474	5.0	21.3
3 12	10 21.92	+19 14.2	1.536	2.481	8.9	21.5
3 22	10 13.81	+19 19.7	1.599	2.489	12.9	21.8
4 1	10 8.31	+19 6.7	1.684	2.496	16.3	22.0

56253 1999 JH_{79} 2 26.8 268°.92 2°.3/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.83	+ 9 44.1	1.993	2.811	13.2	18.9
2 1	10 54.23	+11 11.5	1.893	2.793	10.0	18.7
2 11	10 48.48	+12 54.1	1.818	2.774	6.3	18.4
2 21	10 41.05	+14 45.1	1.772	2.755	2.7	18.1
3 2	10 32.77	+16 35.6	1.755	2.735	3.8	18.2
3 12	10 24.66	+18 16.0	1.768	2.716	7.8	18.4
3 22	10 17.69	+19 39.1	1.807	2.696	11.7	18.6
4 1	10 12.69	+20 41.0	1.869	2.676	15.2	18.7

155812 2000 WS_{20} 2 26.8 153°.82 2°.1/28.9 18

1 22	10 58.67	− 0 9.3	2.050	2.831	14.3	20.0
2 1	10 54.58	+ 0 11.4	1.963	2.833	11.2	19.8
2 11	10 48.50	+ 0 49.4	1.899	2.835	7.7	19.6
2 21	10 40.99	+ 1 42.0	1.861	2.837	3.9	19.4
3 2	10 32.87	+ 2 44.4	1.852	2.839	2.3	19.3
3 12	10 25.09	+ 3 50.4	1.873	2.841	5.5	19.5
3 22	10 18.50	+ 4 53.5	1.920	2.842	9.3	19.7
4 1	10 13.77	+ 5 48.3	1.993	2.844	12.6	19.9

355800 2008 SA_{165} 2 26.8 153°.35 2°.1/25.1 18

1 22	11 6.21	+11 48.5	1.807	2.620	14.6	21.8
2 1	11 0.49	+12 32.5	1.733	2.629	11.0	21.6
2 11	10 52.32	+13 25.6	1.684	2.638	6.9	21.4
2 21	10 42.42	+14 21.5	1.662	2.645	2.9	21.1
3 2	10 31.86	+15 12.9	1.669	2.652	3.5	21.2
3 12	10 21.85	+15 53.3	1.706	2.658	7.6	21.4
3 22	10 13.45	+16 18.7	1.768	2.663	11.6	21.7
4 1	10 7.40	+16 27.7	1.854	2.668	15.0	21.9

283919 2004 HU_{12} 2 26.8 252°.45 2°.5/24.8 18

1 22	11 2.38	+10 29.7	1.595	2.420	15.7	21.2
2 1	10 58.23	+11 35.0	1.501	2.404	12.0	20.9
2 11	10 51.30	+12 56.0	1.431	2.387	7.5	20.6
2 21	10 42.19	+14 25.3	1.386	2.370	3.2	20.3
3 2	10 31.95	+15 53.1	1.370	2.352	4.2	20.3
3 12	10 21.97	+17 8.9	1.381	2.334	9.0	20.5
3 22	10 13.55	+18 5.7	1.417	2.315	13.7	20.8
4 1	10 7.70	+18 39.7	1.474	2.296	17.8	21.0

496603 2015 DP_{135} 2 26.8 38°.20 9°.7/16.6 15

1 22	11 1.36	+33 32.9	1.818	2.651	13.7	20.5
2 1	10 57.06	+35 19.3	1.782	2.666	11.4	20.4
2 11	10 50.20	+36 54.5	1.769	2.680	10.0	20.3
2 21	10 41.62	+38 8.3	1.782	2.696	9.9	20.3
3 2	10 32.49	+38 53.0	1.819	2.711	11.2	20.5
3 12	10 24.12	+39 5.6	1.880	2.727	13.2	20.6
3 22	10 17.55	+38 47.8	1.962	2.744	15.3	20.8
4 1	10 13.46	+38 3.8	2.061	2.761	17.2	21.0

272897 2006 BG_{133} 2 26.8 266°.85 0°.5/27.4 17

1 22	10 57.62	+ 3 33.1	2.189	2.983	13.1	21.3
2 1	10 53.83	+ 4 14.8	2.083	2.966	10.1	21.1
2 11	10 48.09	+ 5 12.2	2.002	2.948	6.6	20.9
2 21	10 40.89	+ 6 21.8	1.947	2.930	2.7	20.6
3 2	10 32.94	+ 7 38.0	1.922	2.911	1.6	20.4
3 12	10 25.16	+ 8 54.1	1.927	2.893	5.7	20.7
3 22	10 18.41	+10 3.6	1.960	2.874	9.6	20.9
4 1	10 13.40	+11 1.6	2.017	2.855	13.0	21.1

407483 2010 UM_{106} 2 26.8 104°.00 2°.9/29.4 18

1 22	11 3.71	− 1 9.3	1.987	2.757	15.1	21.0
2 1	10 58.27	− 1 13.2	1.916	2.777	11.9	20.9
2 11	10 50.74	− 1 0.4	1.868	2.797	8.3	20.7
2 21	10 41.80	− 0 32.8	1.845	2.817	4.7	20.5
3 2	10 32.35	+ 0 5.8	1.852	2.836	3.0	20.4
3 12	10 23.43	+ 0 50.0	1.888	2.854	5.7	20.6
3 22	10 15.90	+ 1 34.1	1.951	2.872	9.2	20.9
4 1	10 10.40	+ 2 13.2	2.040	2.890	12.4	21.1

203450 2001 YH_{88} 2 26.8 118°.17 3°.3/29.2 18

1 22	11 4.87	− 0 39.4	1.646	2.428	17.2	20.5
2 1	10 59.66	− 0 51.7	1.570	2.439	13.6	20.3
2 11	10 51.89	− 0 45.0	1.516	2.450	9.5	20.1
2 21	10 42.30	− 0 20.9	1.487	2.460	5.3	19.9
3 2	10 31.97	+ 0 16.6	1.485	2.470	3.4	19.8
3 12	10 22.20	+ 1 1.1	1.512	2.479	6.7	20.0
3 22	10 14.09	+ 1 45.9	1.564	2.488	10.8	20.2
4 1	10 8.42	+ 2 24.8	1.640	2.497	14.6	20.5

19066 Ellarie 2 26.8 75°.66 2°.1/25.0 18

1 22	11 1.04	+11 57.4	1.837	2.660	14.0	19.4
2 1	10 56.54	+12 37.9	1.766	2.667	10.5	19.2
2 11	10 49.80	+13 27.1	1.718	2.674	6.6	19.0
2 21	10 41.49	+14 19.0	1.697	2.680	2.7	18.8
3 2	10 32.57	+15 6.9	1.704	2.687	3.4	18.8
3 12	10 24.16	+15 44.7	1.740	2.694	7.3	19.1
3 22	10 17.20	+16 8.4	1.801	2.701	11.1	19.3
4 1	10 12.39	+16 16.4	1.885	2.708	14.4	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
475190 2005 UL_{514}			2 26.8 262°.47	5°.9/ 6.0 16		
	h m	° ′			°	m
1 22	10 55.53	−16 47.3	2.750	3.421	13.5	22.2
2 1	10 51.91	−16 27.5	2.631	3.405	11.7	22.1
2 11	10 46.70	−15 44.7	2.532	3.389	9.6	21.9
2 21	10 40.32	−14 38.1	2.458	3.373	7.5	21.7
3 2	10 33.38	−13 9.4	2.412	3.356	6.0	21.6
3 12	10 26.58	−11 23.0	2.395	3.340	6.2	21.6
3 22	10 20.61	− 9 25.7	2.408	3.323	8.0	21.7
4 1	10 16.05	− 7 25.0	2.448	3.306	10.3	21.8
380687 2005 JG_{5}			2 26.8 102°.98	4°.3/21.6 18		
1 22	10 57.78	+18 43.5	2.304	3.133	11.3	20.4
2 1	10 53.75	+20 10.4	2.238	3.141	8.5	20.2
2 11	10 47.89	+21 40.6	2.198	3.148	5.8	20.1
2 21	10 40.75	+23 7.0	2.186	3.155	4.3	20.0
3 2	10 33.10	+24 22.3	2.204	3.163	5.5	20.1
3 12	10 25.82	+25 21.0	2.251	3.170	8.1	20.2
3 22	10 19.68	+26 0.2	2.323	3.177	10.9	20.4
4 1	10 15.28	+26 19.5	2.418	3.184	13.3	20.6
293333 2007 DB_{75}			2 26.8 68°.16	0°.3/26.5 18		
1 22	11 1.54	+ 7 51.9	1.797	2.610	14.7	21.3
2 1	10 56.96	+ 8 11.1	1.721	2.615	11.2	21.1
2 11	10 50.10	+ 8 42.0	1.668	2.620	7.1	20.8
2 21	10 41.61	+ 9 20.2	1.642	2.626	2.6	20.6
3 2	10 32.48	+10 0.0	1.643	2.631	2.1	20.5
3 12	10 23.84	+10 35.2	1.673	2.637	6.6	20.8
3 22	10 16.66	+11 1.4	1.729	2.643	10.7	21.1
4 1	10 11.66	+11 15.5	1.809	2.648	14.2	21.3
200870 2001 YU_{86}			2 26.8 17°.92	3°.1/24.7 18		
1 22	11 0.70	+12 19.3	1.238	2.085	18.0	19.3
2 1	10 57.26	+13 7.6	1.175	2.088	13.5	19.0
2 11	10 50.72	+14 8.6	1.132	2.091	8.5	18.8
2 21	10 41.93	+15 13.5	1.112	2.096	3.8	18.5
3 2	10 32.25	+16 11.7	1.118	2.101	4.8	18.6
3 12	10 23.30	+16 54.0	1.149	2.106	9.8	18.9
3 22	10 16.43	+17 15.3	1.202	2.113	14.6	19.1
4 1	10 12.52	+17 14.3	1.275	2.119	18.7	19.4
126542 2002 CR_{92}			2 26.8 220°.93	1°.7/25.2 18		
1 22	11 0.23	+10 51.6	2.027	2.844	13.1	20.2
2 1	10 55.84	+11 34.1	1.943	2.840	9.9	20.0
2 11	10 49.35	+12 26.3	1.882	2.837	6.2	19.7
2 21	10 41.34	+13 22.7	1.849	2.833	2.5	19.5
3 2	10 32.68	+14 17.0	1.845	2.829	3.0	19.5
3 12	10 24.36	+15 3.1	1.870	2.825	6.8	19.7
3 22	10 17.30	+15 36.6	1.922	2.821	10.6	19.9
4 1	10 12.21	+15 55.1	1.997	2.817	13.8	20.1
136371 2004 ER_{30}			2 26.8 170°.86	1°.9/24.8 17		
1 22	11 2.81	+14 57.8	2.737	3.542	10.4	20.0
2 1	10 57.17	+15 15.6	2.653	3.545	7.8	19.8
2 11	10 49.88	+15 36.4	2.596	3.547	4.9	19.6
2 21	10 41.47	+15 56.5	2.568	3.549	2.3	19.5
3 2	10 32.62	+16 12.2	2.571	3.551	2.8	19.5
3 12	10 24.12	+16 20.3	2.604	3.552	5.6	19.7
3 22	10 16.65	+16 19.0	2.667	3.553	8.5	19.9
4 1	10 10.74	+16 7.5	2.754	3.553	11.0	20.0
20580 Marilpeters			2 26.8 256°.38	2°.0/25.2 18		
1 22	11 2.71	+10 58.4	1.796	2.614	14.5	18.7
2 1	10 58.18	+11 42.9	1.698	2.597	11.0	18.4
2 11	10 51.12	+12 39.2	1.625	2.579	7.0	18.1
2 21	10 42.10	+13 41.5	1.577	2.561	2.8	17.8
3 2	10 32.10	+14 42.2	1.559	2.542	3.5	17.8
3 12	10 22.33	+15 33.6	1.568	2.523	7.9	18.0
3 22	10 13.96	+16 10.1	1.604	2.504	12.3	18.3
4 1	10 7.91	+16 29.0	1.662	2.483	16.1	18.4
183338 2002 VM_{83}			2 26.8 71°.04	9°.1/18.7 18		
1 22	11 4.99	+29 8.5	1.605	2.443	15.0	19.9
2 1	10 59.96	+30 53.7	1.566	2.461	12.0	19.8
2 11	10 52.10	+32 31.0	1.550	2.479	9.8	19.7
2 21	10 42.35	+33 48.7	1.560	2.497	9.2	19.7
3 2	10 32.04	+34 37.7	1.596	2.515	10.6	19.8
3 12	10 22.62	+34 54.1	1.655	2.533	13.0	20.0
3 22	10 15.24	+34 39.4	1.737	2.551	15.7	20.2
4 1	10 10.61	+33 58.1	1.836	2.569	18.0	20.4
222712 2002 AX_{99}			2 26.8 43°.74	2°.4/24.8 18		
1 22	11 0.21	+12 12.4	1.646	2.477	15.0	19.7
2 1	10 56.14	+13 0.0	1.580	2.485	11.3	19.5
2 11	10 49.64	+13 57.2	1.537	2.494	7.0	19.2
2 21	10 41.46	+14 57.0	1.520	2.503	3.1	19.0
3 2	10 32.65	+15 51.7	1.530	2.513	3.9	19.1
3 12	10 24.41	+16 34.1	1.568	2.522	8.0	19.3
3 22	10 17.77	+17 0.2	1.631	2.532	12.0	19.6
4 1	10 13.46	+17 8.3	1.715	2.542	15.4	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
140091 2001 SN_{128}			2 26.8 41°.60	2°.2/28.7 18		
	h m	° ′			°	m
1 22	11 0.65	+ 1 44.4	2.095	2.879	13.9	19.7
2 1	10 55.99	+ 1 30.6	2.013	2.885	10.9	19.5
2 11	10 49.35	+ 1 30.0	1.954	2.891	7.5	19.3
2 21	10 41.33	+ 1 40.9	1.921	2.897	3.9	19.1
3 2	10 32.74	+ 2 0.3	1.917	2.903	2.4	19.0
3 12	10 24.54	+ 2 23.9	1.942	2.910	5.5	19.2
3 22	10 17.56	+ 2 47.4	1.995	2.917	9.0	19.4
4 1	10 12.45	+ 3 6.7	2.072	2.923	12.2	19.6
432768 2011 FH_{23}			2 26.8 337°.58	2°.8/29.3 17		
1 22	10 55.71	− 1 18.2	1.657	2.454	16.5	20.8
2 1	10 52.88	− 1 3.5	1.568	2.445	13.2	20.6
2 11	10 47.72	− 0 26.8	1.499	2.437	9.2	20.3
2 21	10 40.81	+ 0 29.8	1.454	2.429	5.0	20.1
3 2	10 33.08	+ 1 41.1	1.436	2.422	3.0	19.9
3 12	10 25.66	+ 2 59.2	1.445	2.416	6.4	20.1
3 22	10 19.62	+ 4 15.3	1.480	2.411	10.8	20.3
4 1	10 15.76	+ 5 22.0	1.537	2.406	14.8	20.6
322306 2011 FR_{136}			2 26.8 192°.10	1°.2/27.9 17		
1 22	10 58.99	+ 2 35.9	2.163	2.952	13.4	21.3
2 1	10 54.76	+ 3 1.0	2.073	2.951	10.4	21.1
2 11	10 48.60	+ 3 40.7	2.007	2.950	6.9	20.9
2 21	10 41.06	+ 4 31.9	1.968	2.949	3.1	20.6
3 2	10 32.92	+ 5 29.9	1.959	2.947	1.7	20.5
3 12	10 25.08	+ 6 28.6	1.978	2.945	5.4	20.8
3 22	10 18.37	+ 7 22.5	2.026	2.944	9.1	21.0
4 1	10 13.44	+ 8 7.3	2.098	2.941	12.4	21.2
305789 2009 DK_{71}			2 26.8 358°.28	1°.6/25.7 18		
1 22	10 59.74	+ 9 53.4	1.240	2.083	18.2	20.5
2 1	10 56.59	+10 22.3	1.170	2.080	13.8	20.2
2 11	10 50.36	+11 6.0	1.119	2.079	8.7	19.9
2 21	10 41.85	+11 57.8	1.093	2.078	3.3	19.6
3 2	10 32.35	+12 48.5	1.091	2.078	3.5	19.6
3 12	10 23.49	+13 29.0	1.114	2.078	9.0	19.9
3 22	10 16.63	+13 53.2	1.160	2.080	14.1	20.2
4 1	10 12.71	+13 58.0	1.225	2.082	18.5	20.5
177897 2005 RK_{6}			2 26.8 223°.54	2°.0/24.2 18		
1 22	10 57.89	+13 57.4	2.906	3.717	9.7	21.1
2 1	10 53.50	+14 44.0	2.812	3.708	7.3	20.9
2 11	10 47.62	+15 35.7	2.745	3.698	4.6	20.7
2 21	10 40.66	+16 28.5	2.708	3.688	2.3	20.6
3 2	10 33.22	+17 17.6	2.701	3.678	3.0	20.6
3 12	10 25.98	+17 58.9	2.724	3.667	5.6	20.8
3 22	10 19.58	+18 29.5	2.775	3.656	8.4	20.9
4 1	10 14.54	+18 47.8	2.852	3.645	10.8	21.1
330830 2009 FC_{15}			2 26.8 314°.03	0°.2/26.9 16		
1 22	10 0.07	+ 6 20.1	1.398	2.225	17.4	21.1
2 1	10 56.70	+ 6 35.3	1.310	2.211	13.5	20.8
2 11	10 50.43	+ 7 7.7	1.243	2.197	8.8	20.5
2 21	10 41.91	+ 7 53.0	1.200	2.184	3.4	20.1
3 2	10 32.26	+ 8 44.3	1.183	2.172	2.3	20.0
3 12	10 22.98	+ 9 32.9	1.192	2.160	8.0	20.3
3 22	10 15.41	+10 11.6	1.224	2.148	13.2	20.6
4 1	10 10.59	+10 35.1	1.277	2.137	17.7	20.8
505994 2015 GN_{41}			2 26.8 301°.50	2°.9/23.5 17		
1 22	10 56.81	+14 18.5	2.224	3.049	11.8	21.1
2 1	10 53.13	+15 26.4	2.141	3.044	8.8	20.9
2 11	10 47.58	+16 41.7	2.084	3.039	5.6	20.7
2 21	10 40.69	+17 58.1	2.055	3.034	3.1	20.5
3 2	10 33.20	+19 8.7	2.055	3.030	4.2	20.5
3 12	10 26.02	+20 7.4	2.084	3.025	7.3	20.7
3 22	10 19.93	+20 50.1	2.139	3.020	10.5	20.9
4 1	10 15.58	+21 15.1	2.218	3.016	13.4	21.1
80348 1999 XO_{115}			2 26.8 65°.33	5°.5/23.3 18		
1 22	11 6.04	+17 53.5	1.257	2.103	17.8	19.4
2 1	11 1.27	+18 53.6	1.201	2.112	13.5	19.2
2 11	10 53.22	+19 58.9	1.166	2.122	8.9	19.0
2 21	10 42.86	+20 58.7	1.155	2.131	5.6	18.8
3 2	10 31.70	+21 42.1	1.169	2.141	7.0	18.9
3 12	10 21.47	+22 1.8	1.209	2.151	11.2	19.2
3 22	10 13.55	+21 56.0	1.271	2.161	15.5	19.4
4 1	10 8.79	+21 26.7	1.352	2.172	19.2	19.7
354921 2006 DK_{77}			2 26.8 272°.59	1°.9/25.5 16		
1 22	11 4.48	+11 13.8	1.655	2.476	15.4	21.6
2 1	10 59.83	+11 44.0	1.554	2.453	11.8	21.3
2 11	10 52.36	+12 25.7	1.475	2.430	7.5	21.0
2 21	10 42.64	+13 13.4	1.421	2.406	3.0	20.7
3 2	10 31.73	+13 59.5	1.396	2.381	3.5	20.6
3 12	10 21.00	+14 36.5	1.399	2.356	8.4	20.9
3 22	10 11.78	+14 58.9	1.426	2.331	13.2	21.1
4 1	10 5.13	+15 4.0	1.476	2.305	17.4	21.3

298856 2004 RT_{246} 2 26.8 95°.35 6°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.21	−10 7.3	1.604	2.351	19.0	20.8
2 1	10 56.95	−10 6.5	1.533	2.368	15.8	20.6
2 11	10 50.21	− 9 36.5	1.481	2.385	12.1	20.4
2 21	10 41.71	− 8 37.7	1.451	2.402	8.4	20.2
3 2	10 32.53	− 7 14.5	1.448	2.418	6.2	20.1
3 12	10 23.93	− 5 35.5	1.471	2.434	7.5	20.2
3 22	10 16.95	− 3 51.4	1.521	2.449	10.8	20.4
4 1	10 12.37	− 2 12.3	1.595	2.465	14.3	20.7

182543 2001 TQ_{62} 2 26.8 185°.19 4°.7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.99	− 8 42.8	2.199	2.933	14.8	20.8
2 1	10 54.78	− 8 34.4	2.104	2.933	12.3	20.6
2 11	10 48.64	− 8 4.2	2.029	2.933	9.4	20.4
2 21	10 41.11	− 7 12.8	1.980	2.932	6.4	20.2
3 2	10 32.94	− 6 3.1	1.959	2.931	4.7	20.1
3 12	10 25.04	− 4 41.1	1.967	2.929	6.0	20.2
3 22	10 18.25	− 3 13.8	2.004	2.927	8.9	20.3
4 1	10 13.23	− 1 48.6	2.066	2.924	11.9	20.5

60458 2000 CM_{114} 2 26.8 343°.03 0°.3/ 1.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 39.15	− 2 16.6	37.428	38.164	1.0	22.6
2 1	10 38.46	− 2 15.1	37.320	38.158	0.8	22.6
2 11	10 37.69	− 2 12.7	37.239	38.151	0.6	22.6
2 21	10 36.87	− 2 9.4	37.185	38.145	0.4	22.5
3 2	10 36.03	− 2 5.5	37.162	38.138	0.3	22.5
3 12	10 35.20	− 2 1.2	37.169	38.131	0.4	22.5
3 22	10 34.41	− 1 56.6	37.205	38.125	0.6	22.6
4 1	10 33.70	− 1 51.9	37.269	38.118	0.8	22.6

223710 2004 RX_{68} 2 26.8 108°.72 2°.0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.38	− 1 41.0	2.147	2.919	14.0	20.4
2 1	10 54.21	− 1 0.0	2.069	2.934	11.0	20.2
2 11	10 48.19	− 0 0.7	2.015	2.948	7.5	20.0
2 21	10 40.90	+ 1 13.5	1.987	2.962	3.9	19.8
3 2	10 33.12	+ 2 37.2	1.989	2.976	2.2	19.7
3 12	10 25.74	+ 4 3.3	2.021	2.989	5.2	19.9
3 22	10 19.51	+ 5 24.8	2.081	3.002	8.7	20.2
4 1	10 15.04	+ 6 36.4	2.167	3.015	11.9	20.4

393960 2005 UY_{239} 2 26.8 181°.51 0°.6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.67	+ 6 43.1	1.789	2.595	15.1	22.3
2 1	10 58.71	+ 7 30.6	1.706	2.596	11.5	22.0
2 11	10 51.33	+ 8 33.2	1.646	2.597	7.3	21.8
2 21	10 42.16	+ 9 45.3	1.613	2.597	2.6	21.5
3 2	10 32.20	+10 59.6	1.609	2.596	2.4	21.5
3 12	10 22.66	+12 7.7	1.634	2.595	7.0	21.8
3 22	10 14.60	+13 3.5	1.686	2.592	11.3	22.0
4 1	10 8.82	+13 43.0	1.761	2.589	15.0	22.2

271496 2004 FP_{98} 2 26.8 269°.84 1°.2/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.24	+10 10.7	2.361	3.171	11.7	21.1
2 1	10 54.12	+10 45.7	2.266	3.160	8.9	20.9
2 11	10 48.18	+11 29.5	2.195	3.149	5.6	20.6
2 21	10 40.93	+12 17.7	2.153	3.137	2.1	20.4
3 2	10 33.08	+13 5.4	2.141	3.126	2.4	20.4
3 12	10 25.46	+13 47.4	2.158	3.115	5.9	20.6
3 22	10 18.86	+14 19.6	2.202	3.103	9.3	20.8
4 1	10 13.92	+14 39.7	2.271	3.091	12.4	21.0

192047 2006 AX_{78} 2 26.8 201°.39 2°.0/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.45	+ 0 37.6	2.348	3.121	12.9	21.5
2 1	10 55.74	+ 0 45.7	2.252	3.118	10.2	21.3
2 11	10 49.19	+ 1 7.6	2.180	3.114	7.0	21.1
2 21	10 41.31	+ 1 41.6	2.135	3.110	3.6	20.9
3 2	10 32.82	+ 2 24.0	2.119	3.106	2.2	20.7
3 12	10 24.59	+ 3 10.2	2.134	3.101	5.1	20.9
3 22	10 17.40	+ 3 55.2	2.177	3.095	8.5	21.1
4 1	10 11.90	+ 4 34.6	2.245	3.089	11.6	21.3

216015 2005 UB_{162} 2 26.8 185°.74 0°.8/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.29	+ 7 55.5	2.232	3.035	12.6	21.3
2 1	10 55.70	+ 8 43.3	2.146	3.035	9.5	21.1
2 11	10 49.19	+ 9 42.4	2.083	3.035	6.0	20.9
2 21	10 41.31	+10 48.1	2.050	3.034	2.2	20.6
3 2	10 32.83	+11 54.4	2.046	3.032	2.2	20.6
3 12	10 24.66	+12 55.2	2.072	3.030	6.0	20.9
3 22	10 17.62	+13 45.5	2.126	3.028	9.6	21.1
4 1	10 12.35	+14 22.3	2.204	3.025	12.7	21.3

491203 2011 UQ_{118} 2 26.8 232°.02 4°.1/ 3.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.49	− 9 40.8	3.027	3.738	11.6	22.9
2 1	10 52.45	− 9 35.7	2.913	3.726	9.7	22.7
2 11	10 46.98	− 9 14.2	2.822	3.713	7.5	22.5
2 21	10 40.46	− 8 36.6	2.758	3.699	5.4	22.4
3 2	10 33.45	− 7 44.6	2.722	3.686	4.2	22.3
3 12	10 26.57	− 6 41.9	2.716	3.671	4.9	22.3
3 22	10 20.42	− 5 32.9	2.739	3.657	7.0	22.4
4 1	10 15.52	− 4 22.9	2.790	3.642	9.4	22.6

184135 2004 JA_{17} 2 26.8 206°.82 1°.0/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.42	+10 3.3	2.585	3.382	11.2	21.1
2 1	10 57.09	+10 35.0	2.488	3.375	8.5	20.9
2 11	10 49.99	+11 14.5	2.417	3.367	5.3	20.7
2 21	10 41.60	+11 57.8	2.375	3.359	2.0	20.4
3 2	10 32.64	+12 40.4	2.364	3.349	2.1	20.4
3 12	10 23.91	+13 17.7	2.384	3.339	5.5	20.7
3 22	10 16.18	+13 46.3	2.433	3.329	8.8	20.8
4 1	10 10.06	+14 4.0	2.507	3.317	11.6	21.0

92515 2000 NZ_{21} 2 26.8 141°.51 1°.9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.51	+10 12.1	1.851	2.664	14.3	20.4
2 1	10 58.41	+11 13.3	1.780	2.676	10.8	20.2
2 11	10 51.02	+12 25.7	1.733	2.687	6.7	19.9
2 21	10 42.01	+13 42.6	1.713	2.697	2.7	19.7
3 2	10 32.38	+14 56.0	1.724	2.707	3.3	19.8
3 12	10 23.26	+15 58.4	1.763	2.716	7.4	20.0
3 22	10 15.63	+16 45.0	1.828	2.724	11.2	20.3
4 1	10 10.20	+17 13.6	1.917	2.731	14.5	20.5

23769 Russellbabb 2 26.8 24°.72 5°.0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.14	+15 48.3	1.354	2.204	16.5	17.5
2 1	10 55.90	+17 13.9	1.294	2.209	12.4	17.2
2 11	10 49.79	+18 48.9	1.256	2.214	8.1	17.0
2 21	10 41.63	+20 22.1	1.242	2.220	5.1	16.8
3 2	10 32.65	+21 41.6	1.255	2.227	6.7	16.9
3 12	10 24.36	+22 38.2	1.293	2.234	10.8	17.2
3 22	10 17.97	+23 7.8	1.353	2.241	14.9	17.4
4 1	10 14.31	+23 10.4	1.433	2.249	18.5	17.7

72944 2002 CX_{15} 2 26.8 246°.19 0°.3/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.86	+ 5 25.4	1.898	2.701	14.4	20.2
2 1	10 56.66	+ 6 19.2	1.795	2.684	11.1	19.9
2 11	10 50.11	+ 7 30.5	1.716	2.667	7.1	19.6
2 21	10 41.77	+ 8 54.2	1.665	2.649	2.6	19.3
3 2	10 32.48	+10 23.3	1.642	2.630	2.2	19.2
3 12	10 23.38	+11 48.9	1.649	2.611	6.9	19.5
3 22	10 15.51	+13 3.5	1.683	2.591	11.3	19.7
4 1	10 9.75	+14 1.8	1.740	2.570	15.1	19.9

455067 2015 UW_{38} 2 26.8 180°.05 1°.0/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.74	+ 8 13.2	1.685	2.494	15.7	22.5
2 1	11 0.43	+ 8 55.1	1.604	2.496	11.9	22.2
2 11	10 52.50	+ 9 50.9	1.545	2.498	7.5	22.0
2 21	10 42.63	+10 54.8	1.514	2.498	2.8	21.7
3 2	10 31.92	+11 59.1	1.511	2.498	2.7	21.7
3 12	10 21.69	+12 55.7	1.537	2.496	7.5	22.0
3 22	10 13.08	+13 38.8	1.589	2.494	12.0	22.2
4 1	10 6.96	+14 5.3	1.663	2.491	15.8	22.4

271706 2004 RP_{172} 2 26.8 231°.15 2°.9/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.81	− 2 26.3	2.318	3.079	13.4	21.5
2 1	10 55.37	− 2 18.1	2.213	3.068	10.8	21.3
2 11	10 49.04	− 1 53.3	2.131	3.057	7.7	21.1
2 21	10 41.30	− 1 13.4	2.075	3.044	4.5	20.9
3 2	10 32.86	− 0 21.3	2.049	3.032	2.9	20.8
3 12	10 24.61	+ 0 37.7	2.052	3.018	5.3	20.9
3 22	10 17.37	+ 1 38.0	2.083	3.005	8.7	21.1
4 1	10 11.81	+ 2 34.0	2.141	2.990	11.9	21.3

470095 2006 TU_{16} 2 26.8 155°.61 0°.6/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.31	+ 9 3.6	2.872	3.670	10.2	22.3
2 1	10 53.75	+ 9 35.2	2.788	3.676	7.7	22.1
2 11	10 47.73	+10 13.9	2.731	3.682	4.8	21.9
2 21	10 40.73	+10 56.4	2.703	3.687	1.7	21.7
3 2	10 33.33	+11 38.8	2.705	3.692	1.7	21.7
3 12	10 26.20	+12 17.1	2.739	3.696	4.8	21.9
3 22	10 19.95	+12 48.2	2.801	3.701	7.6	22.1
4 1	10 15.05	+13 10.0	2.888	3.705	10.1	22.3

403812 2011 UJ_{117} 2 26.8 65°.44 2°.9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.87	− 1 30.2	1.452	2.249	18.4	20.9
2 1	10 56.18	− 1 8.9	1.381	2.259	14.5	20.7
2 11	10 49.86	− 0 23.0	1.331	2.270	10.0	20.4
2 21	10 41.64	+ 0 44.3	1.304	2.280	5.3	20.2
3 2	10 32.67	+ 2 5.9	1.304	2.290	3.0	20.1
3 12	10 24.27	+ 3 32.1	1.330	2.301	6.9	20.3
3 22	10 17.59	+ 4 53.1	1.382	2.312	11.5	20.6
4 1	10 13.43	+ 6 1.4	1.456	2.323	15.6	20.9

428076 2006 HH_{106} 2 26.8 277°.29 0°.2/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.60	+ 6 2.0	2.077	2.883	13.2	21.5
2 1	10 53.85	+ 6 43.2	1.986	2.876	10.1	21.2
2 11	10 48.13	+ 7 38.0	1.919	2.869	6.5	21.0
2 21	10 40.96	+ 8 42.2	1.878	2.862	2.4	20.7
3 2	10 33.14	+ 9 49.8	1.867	2.855	1.9	20.7
3 12	10 25.58	+10 54.0	1.885	2.848	6.0	20.9
3 22	10 19.17	+11 49.3	1.930	2.841	9.9	21.1
4 1	10 14.58	+12 31.6	1.999	2.835	13.2	21.3

376163 2011 BO_{123} 2 26.8 277°.99 0°.1/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 6.39	+ 9 22.4	1.913	2.717	14.3	20.6
2 1	11 0.75	+ 9 9.2	1.816	2.705	11.0	20.3
2 11	10 52.64	+ 9 3.5	1.742	2.692	7.1	20.1
2 21	10 42.70	+ 9 2.6	1.696	2.680	2.7	19.8
3 2	10 31.89	+ 9 2.5	1.679	2.667	2.0	19.7
3 12	10 21.40	+ 8 59.4	1.691	2.655	6.6	20.0
3 22	10 12.33	+ 8 50.3	1.730	2.642	10.8	20.2
4 1	10 5.51	+ 8 33.2	1.794	2.630	14.5	20.4

7884 1993 HH_{7} 2 26.8 176°.33 0°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.62	+ 7 34.7	1.703	2.512	15.6	18.3
2 1	10 59.53	+ 8 1.9	1.622	2.514	11.9	18.1
2 11	10 51.90	+ 8 42.4	1.564	2.515	7.6	17.8
2 21	10 42.41	+ 9 31.4	1.532	2.516	2.8	17.5
3 2	10 32.13	+10 22.2	1.529	2.517	2.3	17.5
3 12	10 22.32	+11 7.6	1.554	2.516	7.1	17.8
3 22	10 14.09	+11 42.3	1.605	2.516	11.5	18.0
4 1	10 8.27	+12 2.9	1.679	2.515	15.3	18.3

360359 2001 YE_{91} 2 26.8 50°.33 2°.3/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.24	+ 2 34.6	1.219	2.036	20.0	20.5
2 1	10 59.72	+ 2 27.0	1.165	2.057	15.6	20.2
2 11	10 52.14	+ 2 40.4	1.130	2.077	10.4	20.0
2 21	10 42.48	+ 3 11.0	1.119	2.099	4.9	19.8
3 2	10 32.15	+ 3 52.5	1.133	2.121	2.8	19.7
3 12	10 22.75	+ 4 36.1	1.172	2.143	7.6	20.0
3 22	10 15.53	+ 5 14.4	1.235	2.166	12.5	20.4
4 1	10 11.27	+ 5 41.9	1.320	2.188	16.7	20.7

241071 2006 SF_{392} 2 26.8 230°.22 3°.0/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.79	+17 32.0	2.623	3.439	10.5	21.4
2 1	10 55.87	+18 10.5	2.534	3.431	7.9	21.3
2 11	10 49.22	+18 51.7	2.471	3.422	5.2	21.1
2 21	10 41.34	+19 30.9	2.437	3.413	3.1	20.9
3 2	10 32.92	+20 3.2	2.432	3.403	3.9	21.0
3 12	10 24.78	+20 24.8	2.458	3.394	6.6	21.1
3 22	10 17.64	+20 33.3	2.511	3.384	9.4	21.3
4 1	10 12.11	+20 28.0	2.587	3.374	12.0	21.4

326425 2001 TJ_{155} 2 26.8 137°.91 1°.2/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.27	+ 2 26.6	2.241	3.022	13.2	22.3
2 1	10 56.33	+ 2 52.0	2.161	3.035	10.2	22.1
2 11	10 49.54	+ 3 31.3	2.106	3.046	6.8	21.9
2 21	10 41.46	+ 4 21.2	2.078	3.057	3.0	21.7
3 2	10 32.87	+ 5 16.9	2.079	3.068	1.7	21.6
3 12	10 24.67	+ 6 12.9	2.111	3.078	5.2	21.9
3 22	10 17.63	+ 7 4.0	2.172	3.087	8.7	22.1
4 1	10 12.37	+ 7 46.3	2.257	3.096	11.8	22.3

467560 2007 TO_{196} 2 26.8 172°.29 3°.0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.53	− 4 40.7	2.765	3.509	11.9	22.1
2 1	10 53.27	− 4 27.4	2.670	3.511	9.6	21.9
2 11	10 47.51	− 3 58.9	2.598	3.514	7.0	21.7
2 21	10 40.69	− 3 16.5	2.553	3.515	4.4	21.6
3 2	10 33.41	− 2 23.1	2.538	3.517	3.0	21.5
3 12	10 26.37	− 1 23.0	2.554	3.518	4.6	21.6
3 22	10 20.18	− 0 21.1	2.598	3.519	7.2	21.7
4 1	10 15.37	+ 0 38.0	2.669	3.519	9.8	21.9

430296 2013 WB_{82} 2 26.8 95°.01 1°.5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.07	+10 38.0	2.216	3.029	12.3	21.5
2 1	10 54.71	+11 25.6	2.145	3.041	9.2	21.3
2 11	10 48.51	+12 21.7	2.099	3.053	5.7	21.1
2 21	10 41.07	+13 21.0	2.081	3.065	2.3	20.9
3 2	10 33.17	+14 17.7	2.093	3.077	2.7	20.9
3 12	10 25.67	+15 6.3	2.135	3.089	6.2	21.2
3 22	10 19.34	+15 43.0	2.203	3.100	9.5	21.4
4 1	10 14.77	+16 5.7	2.295	3.112	12.4	21.6

210201 2007 PU_{28} 2 26.8 213°.09 0°.1/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.52	+ 6 55.9	2.319	3.118	12.3	21.4
2 1	10 55.07	+ 7 20.4	2.228	3.115	9.4	21.2
2 11	10 48.80	+ 7 55.4	2.162	3.111	6.0	21.0
2 21	10 41.21	+ 8 37.3	2.124	3.108	2.2	20.8
3 2	10 33.05	+ 9 21.5	2.115	3.104	1.7	20.7
3 12	10 25.17	+10 3.0	2.136	3.099	5.5	20.9
3 22	10 18.36	+10 37.6	2.185	3.095	9.0	21.2
4 1	10 13.23	+11 2.2	2.259	3.091	12.0	21.3

203820 2002 TU_{261} 2 26.8 80°.92 1°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.18	+10 39.5	2.192	3.003	12.5	20.5
2 1	10 55.48	+11 21.0	2.129	3.024	9.3	20.4
2 11	10 48.96	+12 10.4	2.091	3.044	5.8	20.2
2 21	10 41.22	+13 2.6	2.081	3.065	2.2	20.0
3 2	10 33.08	+13 52.0	2.100	3.085	2.6	20.0
3 12	10 25.43	+14 33.5	2.149	3.105	6.1	20.3
3 22	10 19.00	+15 3.7	2.226	3.124	9.4	20.5
4 1	10 14.36	+15 20.8	2.326	3.144	12.2	20.8

28679 2000 GY_{68} 2 26.8 13°.31 2°.9/29.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 56.25	− 2 36.5	1.962	2.740	14.9	18.7
2 1	10 52.89	− 2 18.5	1.876	2.741	11.9	18.5
2 11	10 47.54	− 1 40.6	1.812	2.743	8.4	18.3
2 21	10 40.77	− 0 45.2	1.774	2.745	4.8	18.0
3 2	10 33.37	+ 0 23.2	1.763	2.747	3.0	17.9
3 12	10 26.31	+ 1 37.9	1.781	2.750	5.6	18.1
3 22	10 20.44	+ 2 51.7	1.825	2.753	9.3	18.3
4 1	10 16.44	+ 3 58.1	1.894	2.756	12.7	18.5

61964 2000 RQ_{21} 2 26.8 111°.97 2°.1/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.84	− 0 46.9	2.115	2.889	14.1	19.2
2 1	10 55.35	− 0 20.7	2.039	2.904	11.1	19.1
2 11	10 48.96	+ 0 22.5	1.985	2.919	7.6	18.9
2 21	10 41.26	+ 1 19.8	1.958	2.933	3.9	18.7
3 2	10 33.06	+ 2 26.3	1.961	2.947	2.3	18.6
3 12	10 25.27	+ 3 35.6	1.993	2.961	5.3	18.8
3 22	10 18.69	+ 4 41.4	2.053	2.974	8.8	19.0
4 1	10 13.92	+ 5 38.8	2.139	2.987	12.0	19.3

473927 2016 EM_{159} 2 26.8 56°.65 2°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.77	+12 20.0	1.517	2.350	16.0	21.3
2 1	10 57.46	+13 12.3	1.459	2.366	11.9	21.1
2 11	10 50.56	+14 14.4	1.424	2.382	7.5	20.9
2 21	10 41.90	+15 18.6	1.415	2.398	3.3	20.7
3 2	10 32.63	+16 16.2	1.432	2.414	4.2	20.8
3 12	10 24.08	+16 59.7	1.477	2.431	8.4	21.1
3 22	10 17.31	+17 25.1	1.546	2.447	12.5	21.3
4 1	10 13.03	+17 31.3	1.636	2.464	16.0	21.6

435389 2007 YY_{10} 2 26.8 68°.56 6°.3/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.24	+26 41.7	2.325	3.155	11.2	20.9
2 1	10 54.99	+28 7.0	2.263	3.157	8.9	20.8
2 11	10 48.79	+29 29.6	2.226	3.160	6.9	20.7
2 21	10 41.21	+30 41.7	2.218	3.162	6.4	20.6
3 2	10 33.09	+31 36.7	2.237	3.164	7.5	20.7
3 12	10 25.37	+32 10.2	2.283	3.166	9.7	20.8
3 22	10 18.88	+32 21.1	2.353	3.168	12.0	21.0
4 1	10 14.24	+32 10.7	2.443	3.171	14.1	21.1

385305 2001 VK_{73} 2 26.8 75°.10 0°.4/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.32	+ 7 52.6	2.269	3.072	12.3	21.7
2 1	10 54.78	+ 8 23.5	2.202	3.092	9.3	21.5
2 11	10 48.50	+ 9 3.8	2.160	3.111	5.8	21.3
2 21	10 41.07	+ 9 49.4	2.146	3.130	2.1	21.1
3 2	10 33.23	+10 35.3	2.162	3.149	1.8	21.1
3 12	10 25.84	+11 16.6	2.207	3.168	5.4	21.4
3 22	10 19.60	+11 49.5	2.280	3.187	8.8	21.6
4 1	10 15.05	+12 11.5	2.377	3.206	11.6	21.8

225236 2009 PP_{14} 2 26.9 168°.42 0°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.25	+ 3 2.4	2.405	3.189	12.3	21.1
2 1	10 54.79	+ 4 3.2	2.317	3.194	9.5	20.9
2 11	10 48.58	+ 5 18.9	2.254	3.198	6.1	20.7
2 21	10 41.14	+ 6 44.9	2.219	3.201	2.4	20.4
3 2	10 33.16	+ 8 15.3	2.216	3.204	1.5	20.4
3 12	10 25.47	+ 9 43.4	2.243	3.207	5.2	20.6
3 22	10 18.80	+11 3.1	2.300	3.208	8.7	20.8
4 1	10 13.74	+12 10.2	2.383	3.209	11.7	21.0

455624 2004 VE_{32} 2 26.9 122°.88 0°.6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.49	+ 4 6.3	1.754	2.552	15.6	21.9
2 1	10 58.48	+ 4 40.4	1.683	2.567	12.0	21.7
2 11	10 51.12	+ 5 30.8	1.634	2.581	7.7	21.5
2 21	10 42.12	+ 6 32.6	1.612	2.594	3.1	21.2
3 2	10 32.50	+ 7 39.1	1.618	2.607	1.9	21.2
3 12	10 23.43	+ 8 42.7	1.654	2.620	6.4	21.5
3 22	10 15.90	+ 9 37.1	1.716	2.631	10.6	21.7
4 1	10 10.63	+10 18.1	1.802	2.643	14.2	22.0

7618 Gotoyukichi 2 26.9 124°.86 0°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.48	+ 3 47.7	2.123	2.914	13.5	18.2
2 1	10 55.87	+ 4 10.6	2.044	2.924	10.4	18.0
2 11	10 49.32	+ 4 46.9	1.988	2.932	6.8	17.8
2 21	10 41.43	+ 5 33.1	1.960	2.941	2.9	17.6
3 2	10 32.99	+ 6 24.5	1.961	2.949	1.6	17.5
3 12	10 24.95	+ 7 15.2	1.991	2.958	5.5	17.8
3 22	10 18.12	+ 8 0.3	2.049	2.965	9.1	18.0
4 1	10 13.13	+ 8 35.8	2.132	2.973	12.3	18.2

98687 2000 XH_{3} 2 26.9 187°.20 3°.2/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.01	− 1 50.1	2.137	2.896	14.5	20.2
2 1	10 59.41	− 1 58.9	2.042	2.896	11.6	20.0
2 11	10 51.67	− 1 51.7	1.970	2.895	8.3	19.8
2 21	10 42.35	− 1 29.6	1.925	2.893	4.8	19.5
3 2	10 32.31	− 0 55.2	1.908	2.891	3.2	19.4
3 12	10 22.57	− 0 13.5	1.922	2.887	5.8	19.6
3 22	10 14.05	+ 0 30.2	1.964	2.883	9.3	19.8
4 1	10 7.50	+ 1 10.6	2.032	2.878	12.6	20.0

474085 2016 JE_{36} 2 26.9 282°.94 0°.8/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 57.84	+ 7 17.1	1.980	2.792	13.6	21.4
2 1	10 54.27	+ 8 9.0	1.879	2.774	10.4	21.1
2 11	10 48.56	+ 9 15.6	1.803	2.756	6.6	20.9
2 21	10 41.23	+10 32.1	1.753	2.737	2.4	20.6
3 2	10 33.08	+11 51.4	1.732	2.719	2.4	20.5
3 12	10 25.12	+13 5.9	1.740	2.701	6.7	20.8
3 22	10 18.31	+14 9.0	1.775	2.682	10.8	21.0
4 1	10 13.44	+14 56.3	1.833	2.664	14.4	21.2

290049 2005 QL_{47} 2 26.9 104°.30 1°.2/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.90	+10 36.6	2.663	3.470	10.6	21.1
2 1	10 53.54	+11 15.7	2.590	3.483	8.0	20.9
2 11	10 47.67	+12 1.6	2.542	3.495	4.9	20.8
2 21	10 40.77	+12 50.2	2.524	3.507	1.9	20.6
3 2	10 33.49	+13 36.9	2.535	3.520	2.2	20.6
3 12	10 26.54	+14 17.6	2.577	3.532	5.2	20.8
3 22	10 20.55	+14 49.0	2.647	3.544	8.1	21.0
4 1	10 16.01	+15 9.4	2.742	3.555	10.7	21.2

217082 2001 TP_{126} 2 26.9 170°.31 1°.9/28.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.60	+ 0 27.9	2.140	2.918	13.9	21.8
2 1	10 56.02	+ 0 45.7	2.052	2.920	10.9	21.6
2 11	10 49.47	+ 1 19.4	1.987	2.923	7.4	21.4
2 21	10 41.51	+ 2 6.4	1.948	2.925	3.7	21.1
3 2	10 32.94	+ 3 2.3	1.939	2.926	2.1	21.0
3 12	10 24.69	+ 4 1.4	1.960	2.928	5.4	21.2
3 22	10 17.61	+ 4 57.7	2.008	2.928	9.1	21.5
4 1	10 12.36	+ 5 46.4	2.082	2.929	12.3	21.7

362052 2009 BW_{42} 2 26.9 25°.57 1°.8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.82	+ 9 23.4	1.212	2.055	18.5	21.0
2 1	10 56.62	+10 5.2	1.151	2.062	14.0	20.8
2 11	10 50.38	+11 3.1	1.110	2.069	8.8	20.5
2 21	10 41.94	+12 9.2	1.093	2.078	3.3	20.2
3 2	10 32.67	+13 13.2	1.100	2.087	3.6	20.3
3 12	10 24.14	+14 5.2	1.133	2.097	9.0	20.6
3 22	10 17.67	+14 38.9	1.189	2.108	14.0	20.9
4 1	10 14.12	+14 51.7	1.264	2.119	18.2	21.2

310895 2003 RB_{6} 2 26.9 158°.58 5°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.01	− 8 49.3	2.245	2.966	14.9	22.0
2 1	10 58.52	− 9 7.7	2.155	2.975	12.4	21.9
2 11	10 51.03	− 9 6.6	2.088	2.983	9.5	21.7
2 21	10 42.10	− 8 45.5	2.045	2.990	6.8	21.5
3 2	10 32.54	− 8 6.4	2.032	2.996	5.3	21.5
3 12	10 23.31	− 7 13.8	2.047	3.002	6.4	21.5
3 22	10 15.27	− 6 13.6	2.091	3.007	9.0	21.7
4 1	10 9.10	− 5 12.3	2.161	3.011	11.8	21.9

90459 2004 CQ_{16} 2 26.9 357°.09 0°.2/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 55.27	+ 5 33.0	1.820	2.636	14.4	19.2
2 1	10 52.33	+ 6 20.1	1.738	2.634	11.0	19.0
2 11	10 47.29	+ 7 23.1	1.679	2.632	7.0	18.7
2 21	10 40.73	+ 8 37.0	1.646	2.630	2.6	18.5
3 2	10 33.50	+ 9 54.7	1.641	2.630	2.0	18.4
3 12	10 26.63	+11 8.1	1.665	2.630	6.5	18.7
3 22	10 21.03	+12 10.7	1.714	2.630	10.6	18.9
4 1	10 17.41	+12 58.0	1.786	2.631	14.1	19.2

397814 2008 RF_{96} 2 26.9 191°.78 0°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 6.23	+ 7 31.9	1.906	2.706	14.5	22.6
2 1	11 0.58	+ 7 59.6	1.818	2.704	11.1	22.3
2 11	10 52.53	+ 8 39.5	1.753	2.702	7.1	22.1
2 21	10 42.71	+ 9 27.3	1.715	2.699	2.6	21.8
3 2	10 32.09	+10 16.9	1.707	2.695	2.1	21.8
3 12	10 21.85	+11 1.7	1.729	2.690	6.7	22.0
3 22	10 13.04	+11 36.8	1.778	2.684	10.9	22.3
4 1	10 6.47	+11 59.1	1.850	2.677	14.5	22.5

92829 2000 QS_{182} 2 26.9 75°.25 1°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.52	+ 3 51.0	1.886	2.683	14.8	19.4
2 1	10 56.85	+ 3 58.1	1.812	2.694	11.4	19.2
2 11	10 50.03	+ 4 19.1	1.761	2.705	7.5	19.0
2 21	10 41.72	+ 4 50.8	1.736	2.717	3.3	18.8
3 2	10 32.83	+ 5 28.7	1.740	2.728	1.8	18.7
3 12	10 24.43	+ 6 7.0	1.772	2.740	5.9	19.0
3 22	10 17.42	+ 6 40.6	1.831	2.751	9.8	19.2
4 1	10 12.47	+ 7 5.7	1.914	2.762	13.2	19.5

29175 1990 QP_{6} 2 26.9 298°.99 1°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.12	+10 5.9	1.390	2.219	17.3	18.1
2 1	10 59.90	+10 17.3	1.303	2.206	13.3	17.8
2 11	10 52.58	+10 41.0	1.237	2.193	8.5	17.5
2 21	10 42.86	+11 11.8	1.196	2.181	3.2	17.1
3 2	10 31.96	+11 42.5	1.181	2.168	3.1	17.1
3 12	10 21.46	+12 5.7	1.192	2.156	8.6	17.3
3 22	10 12.82	+12 16.0	1.226	2.144	13.8	17.6
4 1	10 7.10	+12 10.8	1.282	2.132	18.3	17.8

55887 1997 WE_{37} 2 26.9 91°.91 2°.7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.62	+12 51.6	1.818	2.642	14.1	18.7
2 1	10 57.01	+13 50.6	1.754	2.656	10.5	18.5
2 11	10 50.17	+14 58.0	1.714	2.670	6.6	18.3
2 21	10 41.77	+16 6.7	1.701	2.683	3.1	18.1
3 2	10 32.82	+17 8.9	1.717	2.697	4.0	18.2
3 12	10 24.43	+17 58.0	1.762	2.710	7.7	18.4
3 22	10 17.53	+18 30.2	1.832	2.724	11.4	18.7
4 1	10 12.81	+18 44.2	1.924	2.737	14.6	18.9

465669 2009 SV_{76} 2 26.9 227°.44 6°.5/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.18	+25 0.6	1.951	2.781	13.0	21.6
2 1	10 59.10	+26 8.6	1.880	2.777	10.2	21.4
2 11	10 51.59	+27 14.9	1.834	2.774	7.6	21.3
2 21	10 42.35	+28 10.8	1.814	2.770	6.5	21.2
3 2	10 32.41	+28 48.6	1.823	2.766	7.7	21.3
3 12	10 22.98	+29 3.4	1.858	2.762	10.4	21.4
3 22	10 15.09	+28 54.4	1.916	2.758	13.3	21.6
4 1	10 9.52	+28 23.4	1.996	2.754	16.0	21.8

290626 2005 UD_{239} 2 26.9 148°.49 0°.7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.18	+ 7 33.9	2.053	2.859	13.4	21.6
2 1	10 55.77	+ 8 19.0	1.973	2.865	10.1	21.4
2 11	10 49.34	+ 9 16.1	1.918	2.869	6.4	21.2
2 21	10 41.48	+10 20.3	1.890	2.874	2.3	20.9
3 2	10 33.03	+11 25.4	1.891	2.878	2.2	20.9
3 12	10 24.96	+12 24.6	1.922	2.882	6.2	21.2
3 22	10 18.13	+13 13.1	1.980	2.886	10.0	21.4
4 1	10 13.21	+13 47.6	2.062	2.889	13.2	21.6

155055 2005 SO_{23} 2 26.9 58°.87 2°.0/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 7.77	+13 38.1	1.622	2.443	15.7	20.0
2 1	11 1.83	+13 41.1	1.558	2.457	11.8	19.8
2 11	10 53.27	+13 49.8	1.518	2.472	7.4	19.6
2 21	10 42.94	+13 58.9	1.504	2.487	3.0	19.4
3 2	10 32.05	+14 3.0	1.518	2.503	3.3	19.4
3 12	10 21.94	+13 57.9	1.560	2.518	7.6	19.7
3 22	10 13.69	+13 41.7	1.628	2.533	11.8	20.0
4 1	10 8.02	+13 13.9	1.719	2.549	15.3	20.3

215539 2002 WN_{12} 2 26.9 95°.48 5°.3/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.66	+18 49.2	1.860	2.691	13.5	19.6
2 1	10 57.78	+20 40.4	1.812	2.715	10.2	19.4
2 11	10 50.63	+22 34.6	1.789	2.739	7.0	19.3
2 21	10 41.95	+24 21.6	1.795	2.762	5.3	19.2
3 2	10 32.74	+25 52.0	1.829	2.784	6.7	19.3
3 12	10 24.16	+26 59.0	1.892	2.807	9.7	19.6
3 22	10 17.14	+27 40.5	1.979	2.828	12.7	19.8
4 1	10 12.32	+27 57.3	2.088	2.849	15.2	20.0

390402 2013 YJ_{9} 2 26.9 211°.35 3°.2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.98	+16 6.7	2.364	3.187	11.3	21.0
2 1	10 53.95	+17 12.7	2.284	3.186	8.4	20.8
2 11	10 48.12	+18 23.9	2.231	3.184	5.5	20.6
2 21	10 41.02	+19 34.3	2.206	3.183	3.3	20.5
3 2	10 33.37	+20 37.5	2.211	3.181	4.4	20.5
3 12	10 26.03	+21 28.1	2.244	3.179	7.2	20.7
3 22	10 19.75	+22 2.8	2.304	3.177	10.2	20.9
4 1	10 15.15	+22 20.4	2.387	3.175	12.8	21.1

393291 2013 YR_{46} 2 26.9 230°.09 1°.7/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.30	+ 2 21.0	2.361	3.141	12.6	21.3
2 1	10 55.65	+ 2 17.7	2.267	3.138	9.9	21.1
2 11	10 49.19	+ 2 26.3	2.197	3.135	6.7	20.9
2 21	10 41.42	+ 2 44.9	2.154	3.131	3.3	20.7
3 2	10 33.08	+ 3 10.6	2.141	3.128	2.0	20.6
3 12	10 25.00	+ 3 39.2	2.157	3.124	5.0	20.8
3 22	10 17.96	+ 4 6.7	2.202	3.121	8.4	21.0
4 1	10 12.59	+ 4 29.4	2.272	3.117	11.5	21.2

468819 2012 SP_{18} 2 26.9 182°.16 4°.9/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.95	−10 55.9	2.592	3.305	13.3	21.9
2 1	10 53.02	−10 54.1	2.494	3.305	11.2	21.8
2 11	10 47.47	−10 33.0	2.418	3.305	8.8	21.6
2 21	10 40.77	− 9 52.6	2.367	3.305	6.4	21.5
3 2	10 33.55	− 8 55.1	2.343	3.305	5.0	21.4
3 12	10 26.56	− 7 44.8	2.349	3.304	5.7	21.4
3 22	10 20.47	− 6 27.5	2.383	3.303	7.8	21.5
4 1	10 15.86	− 5 9.3	2.444	3.302	10.4	21.7

117445 2005 AB_{45} 2 26.9 326°.97 2°.0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.78	+10 22.2	1.356	2.194	17.2	19.4
2 1	10 56.58	+11 0.1	1.275	2.184	13.1	19.1
2 11	10 50.45	+11 52.7	1.216	2.174	8.3	18.8
2 21	10 42.06	+12 53.0	1.180	2.165	3.2	18.5
3 2	10 32.60	+13 52.1	1.170	2.156	3.8	18.5
3 12	10 23.60	+14 40.4	1.186	2.148	9.0	18.7
3 22	10 16.40	+15 11.5	1.225	2.140	14.0	19.0
4 1	10 12.01	+15 22.2	1.284	2.133	18.3	19.2

433240 2012 VO_{65} 2 26.9 352°.28 4°.6/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 55.43	− 7 1.1	2.003	2.760	15.4	20.9
2 1	10 52.32	− 7 0.6	1.912	2.757	12.7	20.7
2 11	10 47.24	− 6 38.3	1.841	2.754	9.5	20.5
2 21	10 40.73	− 5 54.7	1.795	2.752	6.4	20.3
3 2	10 33.57	− 4 53.1	1.775	2.750	4.6	20.1
3 12	10 26.69	− 3 39.3	1.784	2.749	6.1	20.2
3 22	10 20.95	− 2 20.7	1.819	2.748	9.2	20.4
4 1	10 17.04	− 1 4.5	1.879	2.748	12.5	20.6

393826 2005 SU_{67} 2 26.9 144°.75 1°.8/25.5 18

1 22	11 7.92	+11 21.2	1.698	2.511	15.4	22.0
2 1	11 1.98	+11 54.6	1.627	2.522	11.7	21.8
2 11	10 53.43	+12 37.4	1.579	2.532	7.3	21.5
2 21	10 43.05	+13 23.5	1.557	2.541	2.9	21.3
3 2	10 31.98	+14 5.8	1.565	2.549	3.3	21.3
3 12	10 21.53	+14 37.9	1.601	2.557	7.7	21.6
3 22	10 12.82	+14 56.0	1.664	2.564	11.9	21.9
4 1	10 6.63	+14 58.5	1.749	2.570	15.4	22.1

494884 2008 SZ_{66} 2 26.9 187°.78 6°.5/ 6.4 17

1 22	10 59.37	−17 44.3	2.921	3.572	13.1	22.0
2 1	10 54.72	−18 1.8	2.816	3.571	11.5	21.8
2 11	10 48.51	−17 59.6	2.732	3.570	9.6	21.7
2 21	10 41.16	−17 36.6	2.672	3.568	7.8	21.6
3 2	10 33.28	−16 53.3	2.640	3.565	6.6	21.5
3 12	10 25.59	−15 52.7	2.635	3.562	6.7	21.5
3 22	10 18.74	−14 39.6	2.659	3.557	8.0	21.5
4 1	10 13.30	−13 19.9	2.710	3.553	9.9	21.7

234159 2000 HB_{16} 2 26.9 223°.95 4°.5/23.3 18

1 22	11 6.01	+17 27.3	1.688	2.516	14.8	20.9
2 1	11 0.84	+18 24.6	1.606	2.509	11.3	20.6
2 11	10 52.91	+19 27.8	1.548	2.501	7.5	20.4
2 21	10 42.94	+20 28.4	1.517	2.493	4.6	20.2
3 2	10 32.03	+21 17.7	1.513	2.484	5.9	20.2
3 12	10 21.57	+21 48.5	1.537	2.475	9.7	20.4
3 22	10 12.80	+21 57.7	1.586	2.465	13.6	20.6
4 1	10 6.62	+21 45.4	1.656	2.455	17.1	20.9

337564 2001 SE_{285} 2 26.9 117°.41 0°.3/26.6 17

1 22	10 59.35	+ 7 40.3	2.590	3.386	11.2	21.9
2 1	10 54.68	+ 8 7.4	2.513	3.399	8.5	21.7
2 11	10 48.42	+ 8 43.0	2.463	3.412	5.3	21.6
2 21	10 41.10	+ 9 23.6	2.440	3.424	2.0	21.3
3 2	10 33.37	+10 5.1	2.448	3.436	1.6	21.3
3 12	10 25.99	+10 43.1	2.486	3.448	4.9	21.6
3 22	10 19.61	+11 14.2	2.553	3.459	8.0	21.8
4 1	10 14.73	+11 36.1	2.645	3.470	10.7	22.0

445892 2012 VH_{34} 2 26.9 100°.03 1°.3/25.9 18

1 22	11 5.07	+ 8 4.7	1.439	2.260	17.3	21.7
2 1	11 0.09	+ 8 58.8	1.380	2.279	13.1	21.5
2 11	10 52.33	+10 8.4	1.342	2.297	8.2	21.2
2 21	10 42.65	+11 25.7	1.330	2.315	3.0	20.9
3 2	10 32.31	+12 41.1	1.346	2.332	3.1	21.0
3 12	10 22.73	+13 45.4	1.389	2.349	8.1	21.3
3 22	10 15.08	+14 32.5	1.457	2.366	12.6	21.6
4 1	10 10.13	+15 0.1	1.547	2.382	16.4	21.9

341441 2007 TA_{245} 2 26.9 148°.07 3°.0/29.9 18

1 22	11 0.18	− 2 21.1	2.502	3.258	12.7	21.3
2 1	10 55.43	− 2 29.9	2.412	3.263	10.2	21.1
2 11	10 48.98	− 2 24.7	2.346	3.268	7.3	21.0
2 21	10 41.34	− 2 6.6	2.307	3.273	4.4	20.8
3 2	10 33.19	− 1 38.0	2.297	3.277	3.0	20.7
3 12	10 25.33	− 1 2.8	2.317	3.282	4.9	20.8
3 22	10 18.46	− 0 25.3	2.365	3.286	7.9	21.0
4 1	10 13.17	+ 0 10.2	2.440	3.289	10.7	21.2

325612 2009 SN_{231} 2 26.9 200°.75 0°.9/25.9 16

1 22	11 3.45	+10 0.8	2.304	3.105	12.3	22.0
2 1	10 58.10	+10 25.1	2.212	3.101	9.3	21.8
2 11	10 50.78	+10 57.5	2.146	3.097	5.9	21.6
2 21	10 42.05	+11 34.1	2.108	3.092	2.2	21.3
3 2	10 32.69	+12 9.9	2.100	3.086	2.2	21.3
3 12	10 23.64	+12 40.3	2.122	3.080	5.9	21.5
3 22	10 15.73	+13 1.7	2.173	3.073	9.5	21.7
4 1	10 9.63	+13 12.0	2.248	3.066	12.5	21.9

240052 2001 WE_{31} 2 26.9 135°.39 6°.5/18.8 18

1 22	11 1.56	+29 34.9	2.558	3.379	10.6	20.3
2 1	10 56.58	+30 49.8	2.501	3.385	8.5	20.1
2 11	10 49.74	+31 59.5	2.469	3.392	6.9	20.0
2 21	10 41.62	+32 57.3	2.465	3.398	6.5	20.0
3 2	10 33.03	+33 37.3	2.490	3.404	7.5	20.1
3 12	10 24.87	+33 56.5	2.541	3.410	9.4	20.2
3 22	10 17.93	+33 54.5	2.617	3.415	11.4	20.4
4 1	10 12.78	+33 32.8	2.713	3.421	13.3	20.5

469029 2015 AN_{247} 2 26.9 124°.13 3°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.84	+17 34.4	2.406	3.222	11.3	22.2
2 1	10 57.42	+18 42.0	2.346	3.242	8.5	22.1
2 11	10 50.21	+19 52.4	2.311	3.261	5.6	21.9
2 21	10 41.78	+20 59.2	2.306	3.280	3.6	21.8
3 2	10 32.93	+21 56.4	2.332	3.298	4.6	21.9
3 12	10 24.55	+22 39.3	2.387	3.315	7.2	22.1
3 22	10 17.37	+23 5.7	2.469	3.331	10.0	22.3
4 1	10 11.97	+23 15.4	2.574	3.347	12.4	22.5

66679 1999 TD_{29} 2 26.9 38°.32 2°.4/28.8 18

1 22	10 59.26	+ 0 8.3	1.434	2.239	18.1	18.0
2 1	10 55.82	+ 0 25.2	1.362	2.246	14.3	17.7
2 11	10 49.74	+ 1 5.0	1.310	2.253	9.7	17.5
2 21	10 41.73	+ 2 4.4	1.282	2.261	4.9	17.2
3 2	10 32.93	+ 3 16.5	1.281	2.269	2.7	17.1
3 12	10 24.69	+ 4 32.0	1.306	2.277	7.0	17.4
3 22	10 18.15	+ 5 41.8	1.355	2.285	11.6	17.7
4 1	10 14.13	+ 6 39.1	1.427	2.294	15.8	17.9

505622 2014 FA_{51} 2 26.9 301°.59 0°.6/27.6 17

1 22	10 55.27	+ 3 28.1	2.359	3.154	12.2	21.3
2 1	10 51.98	+ 4 6.7	2.253	3.135	9.5	21.1
2 11	10 46.95	+ 4 59.7	2.172	3.117	6.2	20.8
2 21	10 40.63	+ 6 3.8	2.117	3.099	2.6	20.6
3 2	10 33.68	+ 7 14.1	2.093	3.082	1.5	20.4
3 12	10 26.88	+ 8 24.7	2.097	3.064	5.2	20.7
3 22	10 21.00	+ 9 29.9	2.130	3.046	8.8	20.9
4 1	10 16.68	+10 24.9	2.188	3.029	12.0	21.0

430513 2001 WA_{44} 2 26.9 64°.22 12°.4/13.8 18

1 22	11 16.62	+49 39.7	2.193	2.955	14.1	20.5
2 1	11 8.55	+50 55.8	2.175	2.974	13.0	20.4
2 11	10 57.42	+51 49.4	2.177	2.994	12.5	20.4
2 21	10 44.44	+52 12.2	2.203	3.013	12.6	20.5
3 2	10 31.19	+51 59.9	2.250	3.033	13.4	20.5
3 12	10 19.30	+51 13.0	2.318	3.053	14.5	20.7
3 22	10 9.93	+49 56.6	2.405	3.072	15.7	20.8
4 1	10 3.69	+48 17.4	2.509	3.092	16.8	20.9

35637 1998 KV_{34} 2 26.9 320°.41 6°.2/20.8 18

1 22	10 59.55	+21 35.0	1.749	2.590	13.8	18.5
2 1	10 55.88	+23 3.6	1.676	2.583	10.6	18.3
2 11	10 49.72	+24 35.1	1.628	2.577	7.6	18.1
2 21	10 41.73	+25 59.9	1.606	2.570	6.2	18.0
3 2	10 32.93	+27 8.1	1.611	2.564	7.8	18.0
3 12	10 24.57	+27 52.7	1.643	2.558	10.8	18.2
3 22	10 17.74	+28 11.0	1.697	2.552	14.1	18.4
4 1	10 13.26	+28 3.7	1.771	2.546	17.1	18.6

465196 2007 HB_{43} 2 26.9 281°.51 8°.9/18.2 17

1 22	11 5.82	+31 51.9	1.923	2.748	13.4	20.7
2 1	11 0.64	+33 11.2	1.851	2.735	11.1	20.5
2 11	10 52.75	+34 23.6	1.803	2.722	9.3	20.4
2 21	10 42.87	+35 19.0	1.781	2.708	9.0	20.3
3 2	10 32.15	+35 49.2	1.785	2.695	10.3	20.4
3 12	10 21.95	+35 49.5	1.813	2.682	12.6	20.5
3 22	10 13.46	+35 20.5	1.864	2.668	15.2	20.6
4 1	10 7.54	+34 25.6	1.934	2.655	17.6	20.8

460489 2014 SS_{305} 2 26.9 206°.37 2°.8/29.3 18

1 22	11 0.96	− 1 16.9	1.832	2.612	15.8	21.5
2 1	10 56.70	− 1 6.0	1.742	2.610	12.6	21.2
2 11	10 50.14	− 0 35.4	1.673	2.607	8.8	21.0
2 21	10 41.88	+ 0 12.9	1.630	2.604	4.8	20.7
3 2	10 32.83	+ 1 14.3	1.614	2.600	2.9	20.6
3 12	10 24.10	+ 2 21.8	1.627	2.596	6.2	20.8
3 22	10 16.71	+ 3 28.1	1.667	2.592	10.2	21.0
4 1	10 11.46	+ 4 26.8	1.731	2.588	14.0	21.3

254069 2004 HG_{35} 2 26.9 50°.42 3°.4/24.2 18

1 22	11 2.89	+14 56.6	1.591	2.424	15.3	20.9
2 1	10 58.37	+15 41.7	1.524	2.430	11.5	20.7
2 11	10 51.24	+16 33.9	1.480	2.436	7.4	20.4
2 21	10 42.27	+17 25.6	1.462	2.443	3.8	20.2
3 2	10 32.60	+18 8.7	1.471	2.449	4.8	20.3
3 12	10 23.56	+18 36.7	1.507	2.456	8.8	20.5
3 22	10 16.24	+18 46.4	1.568	2.463	12.8	20.8
4 1	10 11.43	+18 37.4	1.650	2.470	16.2	21.0

169592 2002 GV_{69} 2 26.9 275°.29 0°.5/27.3 18

1 22	10 59.99	+ 4 7.2	1.605	2.415	16.3	20.4
2 1	10 56.36	+ 4 40.8	1.513	2.404	12.6	20.2
2 11	10 50.14	+ 5 33.4	1.443	2.392	8.3	19.9
2 21	10 41.95	+ 6 41.0	1.398	2.381	3.3	19.5
3 2	10 32.76	+ 7 56.4	1.380	2.369	2.0	19.4
3 12	10 23.88	+ 9 10.6	1.390	2.357	7.2	19.7
3 22	10 16.47	+10 15.4	1.425	2.345	12.0	19.9
4 1	10 11.47	+11 5.0	1.483	2.334	16.2	20.2

357143 2002 AV_{203} 2 26.9 238.°07 2.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.23	+ 9 59.1	1.700	2.522	15.0	21.2
2 1	10 57.17	+11 4.0	1.613	2.513	11.4	20.9
2 11	10 50.59	+12 23.3	1.549	2.504	7.2	20.7
2 21	10 42.09	+13 50.2	1.511	2.495	2.9	20.4
3 2	10 32.68	+15 15.4	1.502	2.485	3.7	20.4
3 12	10 23.59	+16 29.7	1.521	2.475	8.2	20.7
3 22	10 15.97	+17 26.6	1.565	2.465	12.5	20.9
4 1	10 10.70	+18 2.6	1.632	2.454	16.3	21.1

279757 1998 XF_{20} 2 26.9 104.°69 1.°5/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.96	+10 53.2	2.177	2.990	12.5	21.0
2 1	10 55.47	+11 34.0	2.104	2.999	9.4	20.8
2 11	10 49.09	+12 23.0	2.054	3.008	5.8	20.6
2 21	10 41.40	+13 15.3	2.033	3.017	2.3	20.4
3 2	10 33.21	+14 5.2	2.041	3.025	2.7	20.4
3 12	10 25.43	+14 47.2	2.079	3.034	6.3	20.7
3 22	10 18.84	+15 17.7	2.143	3.042	9.7	20.9
4 1	10 14.06	+15 34.7	2.232	3.050	12.6	21.1

15069 1999 AU_{21} 2 26.9 112.°78 0.°1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.82	+ 6 13.6	2.301	3.099	12.4	18.7
2 1	10 54.52	+ 6 45.1	2.221	3.107	9.4	18.5
2 11	10 48.45	+ 7 27.6	2.166	3.115	6.0	18.3
2 21	10 41.16	+ 8 17.3	2.139	3.123	2.3	18.1
3 2	10 33.38	+ 9 9.3	2.142	3.130	1.6	18.0
3 12	10 25.95	+ 9 58.3	2.174	3.138	5.3	18.3
3 22	10 19.61	+10 39.9	2.234	3.145	8.7	18.5
4 1	10 14.93	+11 11.1	2.319	3.152	11.7	18.7

213085 1999 TL_{218} 2 26.9 129.°62 0.°9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.49	+ 3 39.2	1.990	2.778	14.4	21.3
2 1	10 58.25	+ 4 4.8	1.915	2.793	11.1	21.1
2 11	10 50.90	+ 4 44.8	1.864	2.808	7.2	20.9
2 21	10 42.10	+ 5 35.3	1.840	2.821	3.0	20.7
3 2	10 32.74	+ 6 30.9	1.846	2.835	1.7	20.6
3 12	10 23.85	+ 7 25.3	1.881	2.847	5.8	20.9
3 22	10 16.34	+ 8 13.1	1.944	2.859	9.6	21.2
4 1	10 10.84	+ 8 50.3	2.032	2.870	12.9	21.4

167926 2005 EB_{142} 2 26.9 127.°23 2.°3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.85	+ 0 45.5	2.223	2.999	13.5	20.3
2 1	10 56.15	+ 0 38.9	2.135	3.002	10.6	20.1
2 11	10 49.55	+ 0 45.9	2.071	3.005	7.3	19.9
2 21	10 41.60	+ 1 4.7	2.034	3.008	3.9	19.7
3 2	10 33.08	+ 1 32.5	2.026	3.012	2.4	19.6
3 12	10 24.89	+ 2 4.6	2.047	3.015	5.2	19.8
3 22	10 17.83	+ 2 36.7	2.097	3.018	8.7	20.0
4 1	10 12.55	+ 3 4.6	2.171	3.020	11.8	20.2

432219 2009 FV_{45} 2 26.9 299.°95 0.°1/26.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.71	+ 6 15.7	2.237	3.041	12.5	21.7
2 1	10 53.14	+ 6 50.5	2.139	3.028	9.6	21.5
2 11	10 47.72	+ 7 37.7	2.066	3.016	6.1	21.2
2 21	10 40.95	+ 8 33.5	2.019	3.003	2.3	21.0
3 2	10 33.53	+ 9 32.7	2.002	2.991	1.7	20.9
3 12	10 26.33	+10 29.5	2.014	2.978	5.6	21.1
3 22	10 20.15	+11 18.7	2.054	2.966	9.3	21.3
4 1	10 15.64	+11 56.5	2.117	2.954	12.5	21.5

414457 2009 HV_{18} 2 26.9 327.°75 4.°2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.22	+14 21.3	1.399	2.244	16.3	20.9
2 1	10 56.12	+15 29.7	1.322	2.235	12.4	20.6
2 11	10 50.14	+16 49.8	1.268	2.226	8.0	20.3
2 21	10 41.98	+18 12.4	1.238	2.218	4.4	20.1
3 2	10 32.81	+19 26.2	1.234	2.210	5.8	20.1
3 12	10 24.11	+20 21.5	1.255	2.203	10.3	20.4
3 22	10 17.20	+20 52.8	1.299	2.197	14.7	20.6
4 1	10 13.02	+20 58.7	1.363	2.190	18.7	20.8

195591 2002 JU_{129} 2 26.9 194.°78 2.°4/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.65	+13 12.2	2.301	3.117	11.8	20.2
2 1	10 55.27	+14 10.2	2.217	3.116	8.8	20.0
2 11	10 49.01	+15 15.7	2.160	3.114	5.6	19.8
2 21	10 41.41	+16 22.8	2.130	3.111	2.7	19.6
3 2	10 33.24	+17 25.5	2.131	3.109	3.5	19.6
3 12	10 25.37	+18 17.8	2.161	3.106	6.8	19.8
3 22	10 18.60	+18 56.1	2.218	3.103	10.0	20.0
4 1	10 13.57	+19 18.5	2.298	3.099	12.9	20.2

175428 2006 QW_{8} 2 26.9 172.°87 0.°3/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.45	+ 6 29.1	2.472	3.264	11.8	20.7
2 1	10 55.67	+ 6 38.3	2.383	3.265	9.0	20.5
2 11	10 49.16	+ 6 56.6	2.320	3.266	5.8	20.3
2 21	10 41.45	+ 7 21.2	2.284	3.267	2.3	20.0
3 2	10 33.23	+ 7 48.6	2.279	3.268	1.4	20.0
3 12	10 25.30	+ 8 14.8	2.303	3.268	5.0	20.2
3 22	10 18.40	+ 8 36.2	2.356	3.268	8.3	20.4
4 1	10 13.11	+ 8 50.2	2.435	3.268	11.2	20.6

137195 1999 JJ_{114} 2 26.9 299.°55 6.°1/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.42	+22 4.2	1.744	2.581	14.0	19.8
2 1	10 58.08	+23 12.2	1.668	2.572	10.8	19.5
2 11	10 51.15	+24 21.7	1.615	2.563	7.7	19.3
2 21	10 42.30	+25 23.9	1.588	2.553	6.1	19.2
3 2	10 32.61	+26 9.7	1.589	2.544	7.5	19.3
3 12	10 23.38	+26 32.9	1.615	2.536	10.6	19.4
3 22	10 15.76	+26 31.5	1.666	2.527	14.0	19.6
4 1	10 10.59	+26 6.7	1.736	2.519	17.1	19.8

205532 2001 SV_{126} 2 26.9 206.°93 0.°2/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.41	+ 6 49.7	2.450	3.244	11.8	21.2
2 1	10 55.68	+ 7 1.3	2.359	3.242	9.1	21.0
2 11	10 49.20	+ 7 22.0	2.292	3.239	5.8	20.8
2 21	10 41.47	+ 7 49.1	2.254	3.237	2.3	20.6
3 2	10 33.21	+ 8 18.6	2.245	3.234	1.5	20.5
3 12	10 25.22	+ 8 46.5	2.267	3.231	5.1	20.7
3 22	10 18.25	+ 9 9.2	2.316	3.227	8.5	21.0
4 1	10 12.91	+ 9 24.0	2.391	3.224	11.4	21.1

410058 2007 BK_{30} 2 26.9 27.°48 3.°8/23.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 54.54	+10 6.6	1.273	2.123	17.3	20.1
2 1	10 52.48	+12 10.8	1.220	2.137	12.8	19.8
2 11	10 47.70	+14 32.8	1.190	2.151	7.9	19.6
2 21	10 40.99	+16 59.2	1.184	2.167	4.0	19.4
3 2	10 33.57	+19 14.7	1.206	2.183	5.8	19.6
3 12	10 26.82	+21 6.2	1.253	2.201	10.3	19.9
3 22	10 21.89	+22 26.6	1.323	2.219	14.6	20.2
4 1	10 19.53	+23 14.3	1.413	2.238	18.2	20.4

454174 2013 GP_{21} 2 26.9 28.°58 3.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.81	+12 28.1	1.334	2.178	17.1	21.2
2 1	10 56.52	+13 47.7	1.269	2.181	12.8	21.0
2 11	10 50.33	+15 21.1	1.226	2.185	8.1	20.7
2 21	10 42.02	+16 58.1	1.207	2.189	4.1	20.5
3 2	10 32.83	+18 26.6	1.215	2.194	5.5	20.6
3 12	10 24.27	+19 36.1	1.248	2.199	10.0	20.8
3 22	10 17.61	+20 20.6	1.305	2.204	14.5	21.1
4 1	10 13.72	+20 38.8	1.381	2.210	18.4	21.4

91501 1999 RW_{147} 2 26.9 122.°76 2.°0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.77	− 0 52.5	2.402	3.168	12.9	20.9
2 1	10 55.13	− 0 25.4	2.324	3.185	10.1	20.7
2 11	10 48.79	+ 0 16.9	2.269	3.201	6.9	20.5
2 21	10 41.30	+ 1 11.7	2.242	3.216	3.6	20.3
3 2	10 33.37	+ 2 14.6	2.245	3.231	2.1	20.2
3 12	10 25.80	+ 3 20.2	2.278	3.245	4.8	20.5
3 22	10 19.29	+ 4 23.0	2.340	3.259	8.0	20.7
4 1	10 14.39	+ 5 18.6	2.428	3.272	10.9	20.9

462287 2008 FY_{49} 2 26.9 57.°63 16.°4/19.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 39.11	+52 22.2	1.577	2.325	19.2	20.7
2 1	11 26.20	+53 22.3	1.558	2.348	17.7	20.6
2 11	11 8.57	+53 48.9	1.557	2.372	16.6	20.6
2 21	10 48.46	+53 29.2	1.576	2.395	16.4	20.7
3 2	10 28.81	+52 18.1	1.618	2.419	16.9	20.8
3 12	10 12.25	+50 20.9	1.681	2.443	18.1	20.9
3 22	10 0.18	+47 49.7	1.763	2.467	19.5	21.1
4 1	9 52.88	+44 57.5	1.864	2.491	20.8	21.3

332530 Canders 2 26.9 179.°86 1.°3/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.95	+ 2 0.2	2.095	2.884	13.8	21.7
2 1	10 54.87	+ 2 28.8	2.007	2.884	10.7	21.5
2 11	10 48.83	+ 3 13.2	1.943	2.884	7.1	21.3
2 21	10 41.38	+ 4 10.0	1.905	2.884	3.3	21.0
3 2	10 33.30	+ 5 14.2	1.896	2.884	1.7	20.9
3 12	10 25.54	+ 6 19.4	1.916	2.884	5.5	21.2
3 22	10 18.94	+ 7 19.6	1.964	2.884	9.3	21.4
4 1	10 14.15	+ 8 9.9	2.037	2.883	12.6	21.6

36661 2000 QB_{208} 2 26.9 94.°21 1.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.70	+ 8 35.7	1.907	2.720	14.0	19.7
2 1	10 56.27	+ 9 18.3	1.836	2.731	10.6	19.5
2 11	10 49.72	+10 12.4	1.789	2.742	6.6	19.3
2 21	10 41.70	+11 12.4	1.768	2.753	2.4	19.0
3 2	10 33.11	+12 11.9	1.777	2.763	2.4	19.0
3 12	10 25.00	+13 4.2	1.814	2.774	6.6	19.3
3 22	10 18.26	+13 44.5	1.878	2.785	10.4	19.6
4 1	10 13.54	+14 10.3	1.965	2.795	13.7	19.8

105121 2000 LS_{31} 2 26.9 190.°50 3.°2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.85	− 6 6.4	3.272	3.997	10.6	20.9
2 1	10 53.36	− 6 4.3	3.168	3.996	8.6	20.7
2 11	10 47.56	− 5 49.0	3.089	3.993	6.4	20.5
2 21	10 40.84	− 5 21.4	3.037	3.990	4.3	20.4
3 2	10 33.70	− 4 43.3	3.014	3.987	3.2	20.3
3 12	10 26.72	− 3 57.8	3.023	3.983	4.2	20.4
3 22	10 20.46	− 3 8.7	3.061	3.979	6.4	20.5
4 1	10 15.36	− 2 19.8	3.127	3.974	8.6	20.7

221051 2005 QK_{113} 2 26.9 148°.97 0°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.12	+ 5 55.4	2.242	3.037	12.8	21.8
2 1	10 56.32	+ 6 35.1	2.162	3.046	9.7	21.6
2 11	10 49.64	+ 7 26.7	2.106	3.054	6.2	21.4
2 21	10 41.66	+ 8 26.0	2.079	3.062	2.3	21.2
3 2	10 33.14	+ 9 27.7	2.081	3.069	1.7	21.1
3 12	10 25.00	+10 25.6	2.114	3.076	5.5	21.4
3 22	10 18.01	+11 15.2	2.175	3.083	9.1	21.6
4 1	10 12.78	+11 53.0	2.260	3.088	12.2	21.8

209668 2005 CZ_{49} 2 26.9 46°.28 0°.3/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.92	+ 5 11.8	1.322	2.148	18.3	20.2
2 1	10 57.19	+ 5 42.0	1.262	2.161	14.0	20.0
2 11	10 50.64	+ 6 31.1	1.222	2.175	9.0	19.7
2 21	10 42.11	+ 7 33.3	1.205	2.189	3.5	19.4
3 2	10 32.85	+ 8 39.8	1.215	2.204	2.2	19.4
3 12	10 24.32	+ 9 41.1	1.251	2.219	7.7	19.8
3 22	10 17.70	+10 30.1	1.311	2.235	12.5	20.1
4 1	10 13.80	+11 2.2	1.392	2.251	16.6	20.4

271090 2003 QC_{16} 2 26.9 176°.47 2°.1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.63	− 1 20.0	2.523	3.286	12.4	21.8
2 1	10 54.30	− 0 55.1	2.429	3.288	9.8	21.7
2 11	10 48.32	− 0 15.0	2.360	3.290	6.8	21.5
2 21	10 41.16	+ 0 38.1	2.318	3.291	3.7	21.3
3 2	10 33.49	+ 1 40.2	2.306	3.291	2.2	21.2
3 12	10 26.07	+ 2 46.2	2.324	3.291	4.7	21.3
3 22	10 19.60	+ 3 50.7	2.371	3.291	7.9	21.5
4 1	10 14.64	+ 4 49.0	2.445	3.290	10.8	21.7

500452 2012 TT_{200} 2 26.9 201°.89 0°.1/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.63	+ 6 17.4	2.601	3.394	11.3	22.8
2 1	10 54.28	+ 6 51.2	2.507	3.390	8.6	22.6
2 11	10 48.29	+ 7 35.3	2.439	3.387	5.5	22.4
2 21	10 41.15	+ 8 26.3	2.399	3.382	2.1	22.2
3 2	10 33.49	+ 9 19.7	2.389	3.378	1.5	22.1
3 12	10 26.07	+10 10.7	2.410	3.373	5.0	22.4
3 22	10 19.56	+10 55.1	2.460	3.368	8.2	22.6
4 1	10 14.54	+11 30.0	2.535	3.362	11.0	22.7

498162 2007 TK_{135} 2 26.9 107°.24 1°.4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 57.54	+ 0 43.1	2.324	3.104	12.8	21.6
2 1	10 53.55	+ 1 20.7	2.244	3.115	10.0	21.5
2 11	10 47.85	+ 2 13.6	2.187	3.126	6.7	21.3
2 21	10 40.98	+ 3 18.4	2.158	3.136	3.2	21.1
3 2	10 33.63	+ 4 30.0	2.158	3.146	1.7	21.0
3 12	10 26.62	+ 5 42.6	2.189	3.156	4.9	21.2
3 22	10 20.65	+ 6 50.3	2.247	3.166	8.3	21.4
4 1	10 16.28	+ 7 48.7	2.332	3.176	11.3	21.6

414805 2010 SB_{35} 2 26.9 169°.82 0°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.49	+ 4 42.5	1.712	2.519	15.6	21.8
2 1	10 56.46	+ 5 17.2	1.630	2.520	12.0	21.6
2 11	10 50.05	+ 6 8.6	1.571	2.520	7.7	21.3
2 21	10 41.89	+ 7 12.2	1.537	2.521	3.0	21.1
3 2	10 32.97	+ 8 21.1	1.532	2.521	1.9	21.0
3 12	10 24.46	+ 9 27.2	1.555	2.521	6.7	21.3
3 22	10 17.41	+10 23.7	1.604	2.521	11.1	21.5
4 1	10 12.59	+11 6.0	1.675	2.521	14.9	21.8

491639 2012 TH_{192} 2 26.9 92°.82 1°.2/25.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.30	+11 49.2	2.456	3.261	11.5	21.7
2 1	10 56.95	+12 6.6	2.387	3.278	8.6	21.6
2 11	10 49.89	+12 29.5	2.343	3.295	5.4	21.4
2 21	10 41.71	+12 54.1	2.328	3.312	2.1	21.2
3 2	10 33.15	+13 16.3	2.343	3.328	2.3	21.2
3 12	10 25.03	+13 32.4	2.389	3.344	5.5	21.5
3 22	10 18.05	+13 40.2	2.462	3.361	8.6	21.7
4 1	10 12.75	+13 38.3	2.560	3.376	11.3	21.9

362425 2010 QO_{3} 2 26.9 209°.03 0°.2/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.61	+ 5 24.9	2.056	2.851	13.8	22.2
2 1	10 57.76	+ 5 55.4	1.962	2.845	10.6	22.0
2 11	10 50.75	+ 6 39.5	1.892	2.839	6.9	21.8
2 21	10 42.14	+ 7 33.4	1.849	2.832	2.7	21.5
3 2	10 32.79	+ 8 31.5	1.835	2.824	1.7	21.4
3 12	10 23.72	+ 9 27.5	1.851	2.815	6.0	21.7
3 22	10 15.87	+10 15.8	1.895	2.806	10.0	21.9
4 1	10 9.99	+10 52.4	1.964	2.797	13.5	22.1

241244 2007 TA_{217} 2 26.9 352°.31 7°.3/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.70	−14 56.7	2.171	2.872	15.9	19.7
2 1	10 53.23	−15 22.9	2.077	2.870	13.8	19.6
2 11	10 47.84	−15 25.6	2.003	2.869	11.3	19.4
2 21	10 41.03	−15 3.1	1.951	2.868	8.9	19.2
3 2	10 33.57	−14 16.1	1.924	2.867	7.4	19.1
3 12	10 26.36	−13 8.8	1.924	2.866	7.7	19.2
3 22	10 20.24	−11 48.0	1.950	2.866	9.5	19.3
4 1	10 15.89	−10 21.4	2.002	2.866	12.0	19.4

374116 2004 TG_{6} 2 26.9 233°.48 4°.9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 4.84	+22 49.6	2.433	3.250	11.2	21.6
2 1	10 59.27	+23 47.4	2.343	3.235	8.7	21.4
2 11	10 51.62	+24 45.4	2.278	3.220	6.2	21.2
2 21	10 42.46	+25 37.1	2.242	3.203	4.9	21.1
3 2	10 32.58	+26 16.2	2.235	3.186	6.0	21.1
3 12	10 22.99	+26 38.2	2.258	3.169	8.5	21.3
3 22	10 14.56	+26 41.1	2.307	3.150	11.3	21.4
4 1	10 8.02	+26 25.4	2.378	3.131	13.8	21.6

163405 2002 QL_{103} 2 26.9 157°.01 2°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.75	+14 39.4	2.480	3.297	11.0	20.3
2 1	10 54.44	+15 45.8	2.403	3.302	8.2	20.2
2 11	10 48.41	+16 58.0	2.353	3.306	5.2	20.0
2 21	10 41.20	+18 10.2	2.332	3.310	2.9	19.8
3 2	10 33.49	+19 16.5	2.341	3.314	3.8	19.9
3 12	10 26.09	+20 11.4	2.379	3.318	6.7	20.1
3 22	10 19.71	+20 51.7	2.445	3.321	9.6	20.3
4 1	10 14.94	+21 15.9	2.534	3.323	12.1	20.5

166697 2002 TU_{169} 2 26.9 272°.47 5°.1/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.95	− 6 35.2	2.238	2.978	14.4	19.5
2 1	10 56.42	− 7 10.3	2.133	2.966	12.0	19.3
2 11	10 49.88	− 7 28.7	2.051	2.955	9.2	19.1
2 21	10 41.82	− 7 29.6	1.993	2.943	6.5	18.9
3 2	10 33.01	− 7 13.8	1.963	2.931	5.1	18.8
3 12	10 24.35	− 6 44.6	1.962	2.919	6.4	18.9
3 22	10 16.75	− 6 6.9	1.988	2.908	9.2	19.0
4 1	10 10.92	− 5 26.1	2.040	2.896	12.2	19.2

52669 1998 DO_{2} 2 26.9 230°.76 5°.1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.51	+25 44.7	2.793	3.612	9.9	19.3
2 1	10 56.47	+26 42.1	2.711	3.601	7.8	19.1
2 11	10 49.70	+27 37.6	2.656	3.591	5.9	19.0
2 21	10 41.69	+28 25.3	2.629	3.580	5.1	18.9
3 2	10 33.14	+29 0.1	2.631	3.568	6.0	18.9
3 12	10 24.88	+29 18.4	2.662	3.557	8.1	19.0
3 22	10 17.64	+29 19.1	2.719	3.545	10.3	19.2
4 1	10 12.00	+29 2.6	2.798	3.532	12.4	19.3

202834 2008 SW_{195} 2 26.9 89°.05 0°.4/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.14	+ 4 54.0	2.083	2.882	13.5	21.1
2 1	10 54.97	+ 5 22.0	2.004	2.889	10.3	20.9
2 11	10 48.86	+ 6 3.1	1.949	2.896	6.7	20.7
2 21	10 41.39	+ 6 53.4	1.920	2.903	2.7	20.4
3 2	10 33.37	+ 7 47.7	1.921	2.910	1.6	20.3
3 12	10 25.73	+ 8 40.1	1.950	2.916	5.6	20.6
3 22	10 19.29	+ 9 25.5	2.008	2.923	9.3	20.9
4 1	10 14.67	+10 0.2	2.089	2.930	12.5	21.1

462996 2011 FT_{74} 2 26.9 265°.63 1°.9/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.18	+12 59.8	2.063	2.878	13.0	21.4
2 1	10 58.23	+13 21.6	1.970	2.866	9.9	21.2
2 11	10 51.07	+13 50.0	1.900	2.853	6.3	21.0
2 21	10 42.27	+14 20.3	1.858	2.841	2.7	20.7
3 2	10 32.73	+14 47.0	1.845	2.828	3.1	20.7
3 12	10 23.48	+15 5.3	1.861	2.815	6.9	20.9
3 22	10 15.50	+15 11.9	1.904	2.803	10.7	21.1
4 1	10 9.55	+15 5.3	1.971	2.790	14.0	21.3

320539 2007 YQ_{71} 2 26.9 71°.12 2°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.61	− 0 17.7	1.579	2.374	17.2	20.6
2 1	10 56.57	+ 0 5.6	1.512	2.389	13.5	20.4
2 11	10 50.08	+ 0 50.5	1.465	2.405	9.2	20.1
2 21	10 41.88	+ 1 53.1	1.443	2.420	4.6	19.9
3 2	10 33.04	+ 3 7.0	1.448	2.436	2.5	19.8
3 12	10 24.78	+ 4 23.2	1.481	2.451	6.4	20.1
3 22	10 18.13	+ 5 33.8	1.540	2.467	10.8	20.4
4 1	10 13.82	+ 6 32.3	1.622	2.482	14.6	20.6

110095 2001 SO_{122} 2 26.9 235°.98 1°.9/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.30	+ 0 56.5	2.113	2.892	14.0	20.2
2 1	10 56.77	+ 1 8.4	2.010	2.880	11.0	20.0
2 11	10 50.14	+ 1 36.1	1.931	2.868	7.6	19.8
2 21	10 41.94	+ 2 17.4	1.878	2.855	3.8	19.5
3 2	10 32.95	+ 3 8.4	1.855	2.842	2.2	19.4
3 12	10 24.17	+ 4 3.3	1.860	2.828	5.6	19.6
3 22	10 16.51	+ 4 56.2	1.894	2.814	9.5	19.8
4 1	10 10.73	+ 5 42.1	1.952	2.799	13.0	20.0

193981 2001 RB_{126} 2 26.9 108°.44 2°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.71	+10 58.1	1.582	2.402	16.0	20.9
2 1	11 0.42	+11 49.2	1.520	2.420	12.0	20.7
2 11	10 52.50	+12 51.3	1.482	2.437	7.5	20.4
2 21	10 42.78	+13 57.0	1.469	2.453	3.1	20.2
3 2	10 32.44	+14 57.7	1.485	2.469	3.6	20.3
3 12	10 22.80	+15 45.9	1.529	2.484	8.1	20.6
3 22	10 14.96	+16 17.2	1.598	2.499	12.2	20.8
4 1	10 9.67	+16 30.1	1.690	2.513	15.8	21.1

481589 2007 TT_{165} 2 26.9 9°.67 17°.8/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 23.64	+44 21.7	1.128	1.944	21.4	20.2
2 1	11 16.32	+46 1.7	1.089	1.944	19.4	20.0
2 11	11 3.57	+47 13.6	1.067	1.944	18.1	19.9
2 21	10 47.05	+47 38.6	1.064	1.945	18.0	19.9
3 2	10 29.62	+47 4.4	1.080	1.946	19.2	20.0
3 12	10 14.39	+45 31.9	1.115	1.947	21.3	20.1
3 22	10 3.43	+43 12.6	1.167	1.949	23.6	20.3
4 1	9 57.52	+40 21.4	1.234	1.951	25.9	20.5

56944 2000 RS_{85} 2 26.9 197°.20 1°.2/25.4 18

1 22	10 57.33	+10 4.6	2.708	3.514	10.5	19.7
2 1	10 53.25	+10 52.6	2.620	3.512	7.9	19.5
2 11	10 47.62	+11 48.6	2.557	3.510	4.9	19.3
2 21	10 40.90	+12 48.5	2.523	3.507	1.9	19.1
3 2	10 33.71	+13 47.2	2.520	3.504	2.2	19.1
3 12	10 26.76	+14 40.1	2.547	3.502	5.3	19.3
3 22	10 20.69	+15 23.5	2.603	3.498	8.3	19.5
4 1	10 16.03	+15 55.0	2.683	3.495	10.9	19.6

174038 2002 AD_{116} 2 26.9 210°.41 4°.5/20.6 18

1 22	10 57.58	+21 29.1	2.705	3.530	10.0	20.1
2 1	10 53.55	+22 55.3	2.628	3.526	7.6	20.0
2 11	10 47.87	+24 23.3	2.578	3.523	5.4	19.8
2 21	10 41.02	+25 46.6	2.558	3.519	4.5	19.8
3 2	10 33.63	+26 58.9	2.568	3.515	5.6	19.8
3 12	10 26.49	+27 55.4	2.607	3.510	7.8	20.0
3 22	10 20.29	+28 33.6	2.671	3.506	10.2	20.1
4 1	10 15.60	+28 53.0	2.758	3.501	12.3	20.3

430816 2005 EE_{259} 2 26.9 281°.21 2°.5/24.6 17

1 22	11 1.66	+14 50.9	2.149	2.968	12.4	21.5
2 1	10 56.93	+15 20.3	2.063	2.962	9.4	21.3
2 11	10 50.16	+15 54.7	2.002	2.956	6.0	21.0
2 21	10 41.91	+16 29.2	1.968	2.949	2.9	20.8
3 2	10 33.03	+16 58.3	1.964	2.943	3.6	20.9
3 12	10 24.50	+17 17.1	1.988	2.937	7.0	21.0
3 22	10 17.19	+17 23.1	2.039	2.930	10.4	21.2
4 1	10 11.80	+17 15.2	2.113	2.924	13.5	21.4

184128 2004 JB_{11} 2 26.9 261°.73 2°.0/24.9 18

1 22	10 59.43	+10 13.4	1.913	2.732	13.7	20.3
2 1	10 55.59	+11 17.6	1.820	2.719	10.4	20.0
2 11	10 49.51	+12 34.9	1.750	2.705	6.5	19.8
2 21	10 41.73	+13 59.0	1.708	2.691	2.7	19.5
3 2	10 33.12	+15 21.8	1.694	2.677	3.5	19.5
3 12	10 24.74	+16 35.3	1.709	2.662	7.6	19.7
3 22	10 17.61	+17 33.2	1.751	2.648	11.6	19.9
4 1	10 12.54	+18 12.1	1.815	2.633	15.1	20.1

327853 2006 XR_{50} 2 26.9 60°.75 3°.4/23.9 18

1 22	11 0.67	+13 4.8	1.571	2.405	15.4	20.6
2 1	10 56.61	+14 23.1	1.517	2.424	11.5	20.4
2 11	10 50.09	+15 50.8	1.486	2.444	7.2	20.2
2 21	10 41.88	+17 18.9	1.482	2.463	3.7	20.1
3 2	10 33.10	+18 37.5	1.505	2.482	4.9	20.2
3 12	10 25.01	+19 38.8	1.556	2.502	8.8	20.4
3 22	10 18.60	+20 18.5	1.630	2.522	12.6	20.7
4 1	10 14.57	+20 35.9	1.727	2.542	15.9	21.0

270451 2002 CN_{182} 2 26.9 58°.67 1°.1/27.8 18

1 22	11 1.78	+ 4 28.7	1.767	2.569	15.4	21.0
2 1	10 57.27	+ 4 34.3	1.692	2.578	11.9	20.8
2 11	10 50.46	+ 4 54.1	1.640	2.586	7.8	20.6
2 21	10 42.04	+ 5 24.9	1.614	2.595	3.3	20.3
3 2	10 32.97	+ 6 1.6	1.615	2.604	1.9	20.2
3 12	10 24.40	+ 6 38.2	1.645	2.613	6.2	20.5
3 22	10 17.30	+ 7 9.6	1.701	2.622	10.3	20.8
4 1	10 12.39	+ 7 31.7	1.781	2.632	13.9	21.0

518145 2016 EU_{224} 2 26.9 269°.12 3°.3/24.1 17

1 22	11 5.48	+17 24.1	2.134	2.951	12.6	21.8
2 1	11 0.01	+17 51.6	2.034	2.930	9.6	21.6
2 11	10 52.25	+18 22.3	1.959	2.910	6.3	21.4
2 21	10 42.76	+18 50.8	1.911	2.889	3.6	21.2
3 2	10 32.43	+19 11.2	1.893	2.868	4.4	21.2
3 12	10 22.36	+19 18.8	1.904	2.846	7.8	21.3
3 22	10 13.56	+19 11.2	1.942	2.825	11.3	21.5
4 1	10 6.84	+18 48.1	2.003	2.803	14.5	21.7

50379 2000 CB_{89} 2 26.9 146°.27 2°.3/24.3 18

1 22	11 2.40	+12 48.4	2.363	3.172	11.8	18.2
2 1	10 57.21	+13 54.2	2.291	3.185	8.8	18.0
2 11	10 50.18	+15 7.0	2.244	3.197	5.5	17.8
2 21	10 41.88	+16 20.9	2.227	3.208	2.7	17.7
3 2	10 33.10	+17 29.5	2.241	3.219	3.5	17.7
3 12	10 24.70	+18 27.2	2.286	3.229	6.6	17.9
3 22	10 17.45	+19 10.4	2.358	3.238	9.7	18.1
4 1	10 11.96	+19 37.6	2.454	3.246	12.4	18.3

363310 2002 NK_{60} 2 26.9 223°.44 0°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.92	+ 7 10.4	2.112	2.912	13.3	22.1
2 1	10 57.25	+ 7 55.7	2.014	2.902	10.1	21.9
2 11	10 50.46	+ 8 54.1	1.940	2.890	6.4	21.6
2 21	10 42.08	+10 1.1	1.894	2.878	2.4	21.3
3 2	10 32.92	+11 10.3	1.878	2.866	2.1	21.3
3 12	10 23.99	+12 14.9	1.892	2.852	6.3	21.5
3 22	10 16.21	+13 9.4	1.934	2.838	10.2	21.8
4 1	10 10.35	+13 49.8	1.999	2.823	13.7	21.9

499424 2010 CX_{109} 2 26.9 222°.78 0°.7/26.2 17

1 22	10 59.02	+ 8 16.5	2.272	3.078	12.3	22.1
2 1	10 54.83	+ 8 54.4	2.183	3.074	9.3	21.9
2 11	10 48.78	+ 9 42.8	2.118	3.069	5.9	21.6
2 21	10 41.40	+10 37.4	2.081	3.065	2.2	21.4
3 2	10 33.42	+11 32.8	2.073	3.060	2.0	21.4
3 12	10 25.72	+12 23.4	2.095	3.055	5.8	21.6
3 22	10 19.09	+13 4.7	2.145	3.050	9.3	21.8
4 1	10 14.16	+13 33.9	2.219	3.045	12.4	22.0

455852 2005 UA_{13} 2 26.9 265°.89 0°.7/26.4 17

1 22	11 2.15	+ 8 42.3	1.879	2.690	14.2	21.4
2 1	10 57.66	+ 9 3.8	1.785	2.679	10.9	21.2
2 11	10 50.83	+ 9 36.5	1.715	2.667	6.9	20.9
2 21	10 42.24	+10 16.2	1.671	2.655	2.6	20.6
3 2	10 32.81	+10 57.2	1.655	2.643	2.3	20.6
3 12	10 23.68	+11 33.3	1.669	2.631	6.8	20.8
3 22	10 15.87	+11 59.8	1.708	2.619	11.0	21.0
4 1	10 10.22	+12 13.6	1.771	2.606	14.7	21.2

503135 2015 GK_{3} 2 26.9 202°.27 2°.4/24.4 17

1 22	11 2.24	+16 0.9	2.611	3.421	10.7	21.3
2 1	10 56.99	+16 28.0	2.524	3.419	8.1	21.1
2 11	10 50.02	+16 58.1	2.464	3.415	5.2	21.0
2 21	10 41.83	+17 27.1	2.432	3.412	2.7	20.8
3 2	10 33.15	+17 50.5	2.431	3.408	3.3	20.8
3 12	10 24.77	+18 4.7	2.460	3.404	6.2	21.0
3 22	10 17.44	+18 7.6	2.517	3.400	9.1	21.2
4 1	10 11.72	+17 58.6	2.599	3.395	11.7	21.3

438802 2008 YC_{49} 2 26.9 337°.66 9°.2/15.7 16

1 22	10 52.56	+24 50.2	1.526	2.386	14.4	20.2
2 1	10 51.17	+27 33.7	1.452	2.364	11.5	20.0
2 11	10 47.12	+30 22.7	1.403	2.343	9.5	19.8
2 21	10 40.95	+33 2.1	1.381	2.324	9.5	19.8
3 2	10 33.69	+35 16.5	1.384	2.305	11.8	19.8
3 12	10 26.71	+36 54.8	1.412	2.288	15.0	20.0
3 22	10 21.30	+37 52.7	1.459	2.272	18.2	20.1
4 1	10 18.49	+38 11.3	1.522	2.257	21.0	20.3

160823 2000 WL_{180} 2 26.9 74°.91 1°.2/25.9 18

1 22	11 3.37	+ 7 33.3	1.477	2.298	17.0	20.2
2 1	10 58.69	+ 8 33.5	1.424	2.323	12.7	20.0
2 11	10 51.41	+ 9 49.0	1.394	2.348	7.9	19.7
2 21	10 42.39	+11 11.8	1.389	2.373	2.9	19.5
3 2	10 32.83	+12 32.3	1.412	2.398	2.9	19.6
3 12	10 24.06	+13 41.5	1.462	2.423	7.7	19.9
3 22	10 17.12	+14 33.6	1.538	2.447	12.1	20.2
4 1	10 12.71	+15 6.0	1.636	2.471	15.7	20.5

54368 2000 KM_{50} 2 26.9 151°.63 1°.0/27.7 18

1 22	11 6.69	+ 4 42.9	1.712	2.508	16.0	18.8
2 1	11 1.13	+ 4 47.6	1.633	2.515	12.4	18.6
2 11	10 53.01	+ 5 6.6	1.577	2.522	8.2	18.4
2 21	10 43.06	+ 5 36.7	1.546	2.528	3.5	18.1
3 2	10 32.34	+ 6 12.8	1.544	2.533	2.0	18.0
3 12	10 22.14	+ 6 48.5	1.571	2.538	6.6	18.3
3 22	10 13.56	+ 7 18.5	1.625	2.542	11.0	18.6
4 1	10 7.41	+ 7 38.9	1.702	2.546	14.8	18.8

492818 2014 QF_{276} 2 26.9 162°.24 2°.0/25.1 18

1 22	11 2.42	+10 1.0	1.828	2.644	14.4	22.4
2 1	10 57.80	+11 4.4	1.751	2.648	10.8	22.2
2 11	10 50.85	+12 20.0	1.698	2.653	6.8	22.0
2 21	10 42.24	+13 41.1	1.673	2.656	2.7	21.7
3 2	10 32.91	+14 59.4	1.676	2.660	3.4	21.8
3 12	10 24.02	+16 6.9	1.709	2.662	7.5	22.0
3 22	10 16.57	+16 58.2	1.767	2.664	11.5	22.3
4 1	10 11.32	+17 30.9	1.849	2.666	14.9	22.5

488633 2002 UO_{72} 2 26.9 49°.87 2°.0/28.8 18

1 22	11 0.73	+ 0 47.1	1.809	2.599	15.6	21.9
2 1	10 56.19	+ 1 2.5	1.756	2.631	12.1	21.8
2 11	10 49.60	+ 1 35.0	1.724	2.663	8.1	21.6
2 21	10 41.68	+ 2 20.8	1.719	2.696	4.0	21.4
3 2	10 33.36	+ 3 14.6	1.741	2.729	2.2	21.3
3 12	10 25.69	+ 4 9.7	1.792	2.761	5.6	21.6
3 22	10 19.47	+ 5 0.2	1.870	2.794	9.4	21.9
4 1	10 15.29	+ 5 41.6	1.972	2.827	12.6	22.2

84239 2002 SL_{32} 2 26.9 72°.08 6°.7/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 3.88	+27 16.9	2.087	2.914	12.4	19.5
2 1	10 58.67	+28 20.3	2.030	2.923	9.8	19.3
2 11	10 51.25	+29 18.9	1.998	2.932	7.6	19.2
2 21	10 42.33	+30 5.2	1.993	2.941	6.7	19.1
3 2	10 32.91	+30 32.6	2.015	2.950	7.8	19.2
3 12	10 24.08	+30 37.7	2.064	2.958	10.1	19.4
3 22	10 16.77	+30 20.5	2.137	2.967	12.6	19.6
4 1	10 11.61	+29 43.3	2.231	2.976	14.8	19.7

417794 2007 EL_{119} 2 26.9 261°.99 6°.3/21.1 17

1 22	11 5.71	+25 29.2	2.044	2.869	12.7	21.2
2 1	11 0.32	+26 25.4	1.962	2.856	10.0	21.0
2 11	10 52.49	+27 19.5	1.905	2.843	7.5	20.8
2 21	10 42.88	+28 3.5	1.875	2.830	6.3	20.7
3 2	10 32.49	+28 30.0	1.872	2.817	7.5	20.8
3 12	10 22.53	+28 34.6	1.897	2.803	10.1	20.9
3 22	10 14.05	+28 16.2	1.947	2.789	13.1	21.0
4 1	10 7.84	+27 36.7	2.017	2.776	15.8	21.2

161867 2007 CD 2 26.9 74°.11 4°.8/23.6 18

1 22	11 8.92	+20 9.2	1.676	2.502	15.0	19.8
2 1	11 2.70	+20 42.9	1.621	2.521	11.4	19.7
2 11	10 53.86	+21 16.6	1.589	2.539	7.6	19.5
2 21	10 43.32	+21 42.9	1.584	2.558	4.9	19.4
3 2	10 32.29	+21 55.0	1.608	2.576	5.9	19.5
3 12	10 22.12	+21 49.2	1.658	2.595	9.2	19.7
3 22	10 13.87	+21 25.2	1.734	2.613	12.7	19.9
4 1	10 8.22	+20 44.9	1.832	2.631	15.7	20.2

189009 1997 BG_5 2 26.9 173°.68 1°.2/27.9 18

1 22	11 5.51	+ 2 55.6	1.867	2.654	15.3	21.7
2 1	11 0.11	+ 3 16.7	1.782	2.658	11.9	21.5
2 11	10 52.33	+ 3 53.8	1.719	2.661	7.9	21.3
2 21	10 42.82	+ 4 43.7	1.683	2.663	3.5	21.0
3 2	10 32.56	+ 5 40.8	1.676	2.665	1.9	20.9
3 12	10 22.69	+ 6 38.2	1.699	2.665	6.2	21.2
3 22	10 14.26	+ 7 29.7	1.749	2.665	10.4	21.4
4 1	10 8.05	+ 8 10.6	1.823	2.664	14.1	21.6

207015 2004 VE_2 2 26.9 70°.62 4°.1/23.9 18

1 22	11 6.97	+15 15.1	1.391	2.226	17.0	20.2
2 1	11 1.52	+16 19.8	1.348	2.254	12.7	20.0
2 11	10 53.24	+17 30.9	1.326	2.282	8.1	19.8
2 21	10 43.10	+18 38.5	1.331	2.310	4.4	19.6
3 2	10 32.48	+19 33.1	1.362	2.338	5.6	19.8
3 12	10 22.86	+20 7.8	1.420	2.366	9.6	20.1
3 22	10 15.37	+20 20.5	1.502	2.393	13.5	20.4
4 1	10 10.67	+20 12.2	1.605	2.420	16.9	20.6

109897 2001 SZ_{18} 2 26.9 254°.47 2°.3/24.9 18

1 22	11 4.04	+13 11.4	2.036	2.850	13.2	20.4
2 1	10 59.04	+13 46.7	1.936	2.832	10.0	20.1
2 11	10 51.72	+14 29.8	1.860	2.813	6.4	19.9
2 21	10 42.64	+15 15.3	1.812	2.794	2.9	19.6
3 2	10 32.67	+15 57.0	1.793	2.775	3.5	19.6
3 12	10 22.93	+16 28.9	1.803	2.754	7.4	19.8
3 22	10 14.45	+16 47.1	1.840	2.734	11.3	20.0
4 1	10 8.05	+16 49.7	1.900	2.713	14.7	20.2

376145 2011 BG_{20} 2 26.9 19°.34 1°.3/28.1 17

1 22	10 58.46	+ 2 25.4	1.766	2.568	15.4	21.1
2 1	10 54.87	+ 2 51.6	1.685	2.569	12.0	20.9
2 11	10 49.03	+ 3 35.6	1.626	2.571	8.0	20.7
2 21	10 41.59	+ 4 33.6	1.592	2.573	3.6	20.4
3 2	10 33.44	+ 5 39.7	1.587	2.575	1.9	20.3
3 12	10 25.68	+ 6 46.4	1.609	2.578	6.2	20.6
3 22	10 19.29	+ 7 46.6	1.657	2.581	10.4	20.8
4 1	10 14.99	+ 8 35.0	1.729	2.584	14.1	21.1

163681 2002 XM_{101} 2 26.9 67°.03 0°.2/27.2 18

1 22	10 59.47	+ 5 37.5	2.106	2.906	13.3	20.4
2 1	10 55.13	+ 6 4.9	2.038	2.924	10.1	20.2
2 11	10 48.93	+ 6 44.2	1.994	2.942	6.5	20.0
2 21	10 41.47	+ 7 31.3	1.977	2.960	2.5	19.8
3 2	10 33.56	+ 8 21.1	1.990	2.978	1.6	19.8
3 12	10 26.11	+ 9 8.0	2.031	2.997	5.5	20.1
3 22	10 19.87	+ 9 47.6	2.100	3.015	9.0	20.3
4 1	10 15.44	+10 16.6	2.194	3.033	12.1	20.5

200821 2001 XM_{208} 2 26.9 129°.10 2°.8/29.3 18

1 22	11 3.86	− 1 27.5	1.767	2.543	16.4	20.9
2 1	10 58.87	− 1 13.7	1.691	2.556	13.0	20.7
2 11	10 51.52	− 0 39.7	1.637	2.569	9.0	20.5
2 21	10 42.51	+ 0 11.8	1.608	2.582	4.9	20.3
3 2	10 32.83	+ 1 15.6	1.608	2.593	2.9	20.2
3 12	10 23.65	+ 2 24.4	1.636	2.605	6.2	20.4
3 22	10 15.98	+ 3 30.6	1.692	2.615	10.2	20.7
4 1	10 10.56	+ 4 28.1	1.771	2.625	13.8	20.9

131101 2001 AA_{21} 2 26.9 93°.30 0°.8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.74	+ 6 22.8	1.598	2.413	16.1	20.1
2 1	10 57.44	+ 7 21.0	1.533	2.428	12.2	19.9
2 11	10 50.68	+ 8 35.7	1.490	2.443	7.7	19.7
2 21	10 42.19	+ 9 59.9	1.473	2.457	2.8	19.4
3 2	10 33.06	+11 24.8	1.484	2.472	2.5	19.4
3 12	10 24.51	+12 41.2	1.524	2.486	7.3	19.7
3 22	10 17.60	+13 42.5	1.589	2.500	11.6	20.0
4 1	10 13.06	+14 25.1	1.677	2.514	15.3	20.3

407337 2010 RN_{26} 2 26.9 141°.58 0°.7/27.5 18

1 22	11 3.79	+ 4 58.4	1.835	2.633	15.1	22.1
2 1	10 58.78	+ 5 11.5	1.756	2.639	11.6	21.8
2 11	10 51.47	+ 5 38.4	1.699	2.645	7.6	21.6
2 21	10 42.50	+ 6 15.5	1.669	2.651	3.1	21.3
3 2	10 32.84	+ 6 57.6	1.667	2.656	1.8	21.3
3 12	10 23.64	+ 7 38.6	1.695	2.661	6.2	21.6
3 22	10 15.89	+ 8 13.3	1.749	2.666	10.4	21.8
4 1	10 10.33	+ 8 37.7	1.827	2.670	13.9	22.0

191763 2004 TB_{42} 2 26.9 219°.95 1°.4/28.2 17

1 22	11 0.37	+ 2 32.1	2.178	2.964	13.4	21.0
2 1	10 55.96	+ 2 46.8	2.084	2.959	10.5	20.8
2 11	10 49.59	+ 3 15.6	2.013	2.953	7.0	20.6
2 21	10 41.78	+ 3 55.7	1.969	2.948	3.3	20.3
3 2	10 33.32	+ 4 43.1	1.954	2.942	1.8	20.2
3 12	10 25.11	+ 5 32.3	1.969	2.936	5.4	20.5
3 22	10 18.02	+ 6 18.0	2.011	2.930	9.1	20.7
4 1	10 12.72	+ 6 56.0	2.078	2.923	12.4	20.9

169115 2001 OC_{62} 2 26.9 179°.05 0°.2/27.2 17

1 22	11 0.01	+ 6 15.3	2.688	3.476	11.1	20.8
2 1	10 55.26	+ 6 33.7	2.597	3.477	8.5	20.7
2 11	10 48.93	+ 7 1.1	2.532	3.478	5.4	20.5
2 21	10 41.47	+ 7 34.7	2.496	3.478	2.1	20.2
3 2	10 33.55	+ 8 10.9	2.490	3.478	1.3	20.2
3 12	10 25.88	+ 8 45.5	2.514	3.478	4.7	20.4
3 22	10 19.14	+ 9 15.1	2.568	3.477	7.8	20.6
4 1	10 13.86	+ 9 37.0	2.647	3.476	10.5	20.8

366390 2001 QG_{33} 2 26.9 196°.80 0°.7/26.2 16

1 22	11 1.23	+ 7 41.1	2.197	2.998	12.8	21.7
2 1	10 56.59	+ 8 24.9	2.108	2.996	9.7	21.5
2 11	10 49.97	+ 9 20.4	2.042	2.993	6.1	21.3
2 21	10 41.92	+10 22.8	2.005	2.989	2.3	21.0
3 2	10 33.23	+11 26.5	1.998	2.985	2.1	21.0
3 12	10 24.82	+12 25.1	2.021	2.980	6.0	21.3
3 22	10 17.55	+13 13.6	2.071	2.975	9.7	21.5
4 1	10 12.09	+13 49.0	2.146	2.969	12.9	21.7

100451 1996 RR_{15} 2 26.9 10°.92 2°.2/29.3 18

1 22	10 55.29	− 1 41.8	1.915	2.701	15.0	19.6
2 1	10 52.31	− 1 5.1	1.831	2.702	11.9	19.4
2 11	10 47.34	− 0 7.8	1.768	2.704	8.2	19.2
2 21	10 40.94	+ 1 7.2	1.731	2.707	4.3	18.9
3 2	10 33.92	+ 2 33.9	1.723	2.710	2.4	18.8
3 12	10 27.23	+ 4 4.5	1.742	2.713	5.6	19.0
3 22	10 21.74	+ 5 31.0	1.789	2.717	9.5	19.3
4 1	10 18.10	+ 6 46.9	1.860	2.721	13.0	19.5

295687 2008 TX_{126} 2 26.9 22°.59 3°.1/25.0 18

1 22	11 1.55	+12 20.5	1.118	1.970	19.1	20.5
2 1	10 58.28	+13 0.8	1.060	1.976	14.4	20.2
2 11	10 51.67	+13 54.1	1.022	1.983	9.1	19.9
2 21	10 42.67	+14 51.1	1.006	1.990	3.9	19.7
3 2	10 32.77	+15 41.1	1.015	1.999	4.8	19.7
3 12	10 23.71	+16 15.0	1.048	2.008	10.0	20.1
3 22	10 16.92	+16 27.7	1.102	2.019	15.1	20.4
4 1	10 13.30	+16 18.6	1.176	2.030	19.3	20.7

456540 2007 BA_6 2 26.9 45°.49 0°.1/26.9 18

1 22	11 7.36	+ 9 12.8	1.538	2.354	16.7	20.4
2 1	11 1.76	+ 8 55.6	1.471	2.366	12.7	20.2
2 11	10 53.45	+ 8 47.9	1.427	2.378	8.1	19.9
2 21	10 43.25	+ 8 46.2	1.407	2.391	3.1	19.6
3 2	10 32.39	+ 8 46.2	1.415	2.404	2.1	19.6
3 12	10 22.26	+ 8 43.2	1.452	2.418	7.1	19.9
3 22	10 14.01	+ 8 34.2	1.513	2.432	11.6	20.2
4 1	10 8.39	+ 8 17.0	1.598	2.446	15.4	20.5

522868 2016 NN_{88} 2 26.9 267°.85 0°.1/26.9 16

1 22	10 57.96	+ 6 24.8	2.492	3.289	11.6	22.0
2 1	10 53.94	+ 6 50.9	2.391	3.276	8.9	21.8
2 11	10 48.22	+ 7 27.4	2.316	3.264	5.7	21.5
2 21	10 41.26	+ 8 11.1	2.268	3.252	2.2	21.3
3 2	10 33.71	+ 8 57.9	2.251	3.239	1.5	21.2
3 12	10 26.35	+ 9 42.8	2.263	3.227	5.1	21.4
3 22	10 19.92	+10 21.7	2.303	3.214	8.5	21.6
4 1	10 15.02	+10 51.4	2.368	3.201	11.5	21.8

307800 2003 WD_{128} 2 26.9 50°.55 18°.5/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 15.84	−18 21.8	1.100	1.816	27.6	18.9
2 1	11 10.12	−21 54.9	1.036	1.822	25.0	18.7
2 11	10 59.99	−24 59.3	0.988	1.828	22.2	18.6
2 21	10 46.13	−27 19.6	0.958	1.835	19.8	18.4
3 2	10 30.22	−28 42.9	0.948	1.842	18.6	18.4
3 12	10 14.71	−29 6.2	0.957	1.850	18.9	18.4
3 22	10 1.90	−28 38.1	0.984	1.857	20.5	18.5
4 1	9 53.41	−27 34.9	1.029	1.865	22.8	18.7

343598 2010 GV_{103} 2 26.9 201°.99 5°.4/20.5 17

1 22	11 3.85	+27 24.6	2.790	3.603	10.0	21.7
2 1	10 58.23	+28 15.2	2.715	3.600	7.9	21.5
2 11	10 50.83	+29 2.1	2.666	3.596	6.1	21.4
2 21	10 42.21	+29 39.7	2.645	3.591	5.4	21.3
3 2	10 33.10	+30 3.1	2.654	3.586	6.3	21.4
3 12	10 24.35	+30 9.3	2.692	3.581	8.2	21.5
3 22	10 16.70	+29 57.7	2.755	3.575	10.3	21.6
4 1	10 10.74	+29 29.4	2.841	3.569	12.3	21.8

21628 Lucashof 2 26.9 123°.78 0°.2/26.8 18

1 22	11 4.23	+ 6 18.4	1.893	2.692	14.6	20.0
2 1	10 58.97	+ 6 51.9	1.822	2.708	11.1	19.8
2 11	10 51.49	+ 7 38.5	1.774	2.723	7.1	19.5
2 21	10 42.49	+ 8 33.2	1.754	2.738	2.7	19.3
3 2	10 32.92	+ 9 29.9	1.763	2.752	1.9	19.3
3 12	10 23.87	+10 22.0	1.802	2.765	6.3	19.6
3 22	10 16.28	+11 4.4	1.868	2.778	10.2	19.8
4 1	10 10.82	+11 33.9	1.957	2.790	13.6	20.1

309301 2007 RO_{242} 2 26.9 191°.56 1°.6/25.5 18

1 22	11 4.71	+10 31.5	2.021	2.828	13.5	22.1
2 1	10 59.40	+11 14.1	1.935	2.827	10.3	21.8
2 11	10 51.86	+12 6.6	1.873	2.825	6.5	21.6
2 21	10 42.67	+13 3.7	1.838	2.822	2.5	21.4
3 2	10 32.77	+13 58.7	1.834	2.818	2.9	21.4
3 12	10 23.22	+14 45.5	1.859	2.814	6.9	21.6
3 22	10 14.99	+15 19.4	1.911	2.809	10.7	21.8
4 1	10 8.85	+15 38.4	1.987	2.803	14.1	22.0

378889 2008 TQ_{188} 2 26.9 95°.23 0°.6/27.5 17

1 22	10 59.63	+ 4 39.6	2.078	2.875	13.6	21.6
2 1	10 55.39	+ 5 4.3	1.998	2.882	10.4	21.4
2 11	10 49.20	+ 5 42.3	1.942	2.888	6.8	21.2
2 21	10 41.63	+ 6 29.7	1.912	2.894	2.8	20.9
3 2	10 33.50	+ 7 21.5	1.912	2.901	1.6	20.8
3 12	10 25.75	+ 8 11.9	1.940	2.907	5.6	21.1
3 22	10 19.20	+ 8 55.8	1.996	2.913	9.3	21.3
4 1	10 14.48	+ 9 29.4	2.077	2.919	12.5	21.6

77257 2001 FA_{48} 2 26.9 313°.96 2°.3/25.3 18

1 22	11 0.85	+11 35.2	1.449	2.285	16.4	19.3
2 1	10 57.39	+12 11.5	1.363	2.270	12.5	19.0
2 11	10 51.06	+13 0.2	1.298	2.256	8.0	18.7
2 21	10 42.50	+13 55.0	1.258	2.242	3.3	18.4
3 2	10 32.86	+14 47.0	1.244	2.228	4.0	18.4
3 12	10 23.58	+15 27.7	1.256	2.215	8.9	18.6
3 22	10 16.00	+15 51.5	1.292	2.203	13.7	18.9
4 1	10 11.12	+15 55.5	1.348	2.191	18.0	19.1

44982 1999 VD_{160} 2 26.9 331°.50 0°.8/26.4 18

1 22	11 1.03	+ 8 50.9	1.370	2.202	17.4	17.8
2 1	10 57.58	+ 9 7.3	1.288	2.192	13.3	17.5
2 11	10 51.19	+ 9 38.0	1.227	2.183	8.5	17.2
2 21	10 42.55	+10 17.8	1.190	2.175	3.2	16.9
3 2	10 32.84	+10 59.3	1.179	2.167	2.8	16.8
3 12	10 23.59	+11 34.5	1.193	2.160	8.3	17.1
3 22	10 16.12	+11 57.1	1.231	2.153	13.4	17.4
4 1	10 11.45	+12 3.7	1.290	2.147	17.8	17.6

430363 2014 AT_{29} 2 26.9 25°.35 7°.6/19.8 18

1 22	10 57.93	+23 58.6	1.520	2.372	14.9	19.9
2 1	10 54.80	+25 42.3	1.478	2.388	11.5	19.7
2 11	10 49.08	+27 23.6	1.461	2.406	8.7	19.6
2 21	10 41.61	+28 51.1	1.468	2.424	7.6	19.6
3 2	10 33.57	+29 55.0	1.501	2.443	9.2	19.7
3 12	10 26.28	+30 29.7	1.558	2.464	12.0	19.9
3 22	10 20.76	+30 34.9	1.637	2.485	14.9	20.2
4 1	10 17.69	+30 13.3	1.735	2.507	17.5	20.4

123770 2001 AN_{53} 2 26.9 283°.06 2°.9/24.1 18

1 22	10 59.28	+13 32.0	1.974	2.799	13.1	19.8
2 1	10 55.41	+14 30.5	1.887	2.790	9.9	19.5
2 11	10 49.39	+15 37.9	1.825	2.780	6.3	19.3
2 21	10 41.77	+16 47.6	1.789	2.770	3.2	19.1
3 2	10 33.41	+17 52.3	1.783	2.761	4.1	19.1
3 12	10 25.35	+18 45.0	1.804	2.751	7.8	19.3
3 22	10 18.54	+19 21.4	1.852	2.742	11.4	19.5
4 1	10 13.72	+19 39.3	1.922	2.732	14.7	19.7

306678 2000 UK 2 26.9 30°.08 7°.1/25.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 37.31	+28 48.2	1.082	1.896	22.3	18.0
2 1	11 24.24	+27 46.7	1.049	1.935	17.3	17.8
2 11	11 7.12	+26 28.1	1.036	1.976	12.0	17.7
2 21	10 48.04	+24 45.8	1.050	2.019	7.8	17.6
3 2	10 29.59	+22 40.5	1.092	2.062	7.8	17.7
3 12	10 14.04	+20 20.1	1.163	2.106	11.5	18.1
3 22	10 2.61	+17 55.0	1.261	2.151	15.6	18.4
4 1	9 55.59	+15 32.9	1.381	2.197	19.0	18.8

110341 2001 SD_{292} 2 26.9 139°.02 1°.8/24.9 18

1 22	11 0.71	+ 9 56.5	2.220	3.028	12.4	21.2
2 1	10 56.10	+11 11.9	2.147	3.040	9.3	21.0
2 11	10 49.60	+12 37.6	2.099	3.052	5.8	20.8
2 21	10 41.78	+14 7.3	2.080	3.063	2.4	20.6
3 2	10 33.44	+15 33.8	2.092	3.073	3.1	20.7
3 12	10 25.47	+16 50.2	2.134	3.083	6.5	20.9
3 22	10 18.67	+17 51.7	2.203	3.093	9.9	21.1
4 1	10 13.66	+18 36.0	2.297	3.101	12.8	21.3

209938 2006 DQ_{34} 2 26.9 260°.29 0°.5/26.6 17

1 22	11 1.58	+ 6 29.3	1.655	2.468	15.8	21.0
2 1	10 57.62	+ 7 9.7	1.560	2.454	12.1	20.7
2 11	10 51.06	+ 8 7.1	1.488	2.440	7.8	20.5
2 21	10 42.49	+ 9 16.5	1.442	2.426	2.9	20.1
3 2	10 32.89	+10 30.3	1.423	2.411	2.4	20.0
3 12	10 23.54	+11 39.7	1.432	2.396	7.5	20.3
3 22	10 15.65	+12 37.2	1.467	2.380	12.2	20.5
4 1	10 10.15	+13 17.9	1.523	2.365	16.3	20.8

169382 2001 UL_{209} 2 26.9 220°.98 3°.7/ 2.0 17

1 22	10 58.17	− 5 30.7	2.496	3.240	13.0	20.5
2 1	10 54.09	− 5 34.3	2.397	3.236	10.6	20.3
2 11	10 48.31	− 5 21.6	2.321	3.232	7.9	20.1
2 21	10 41.31	− 4 53.1	2.270	3.228	5.2	20.0
3 2	10 33.75	− 4 11.1	2.249	3.224	3.7	19.9
3 12	10 26.40	− 3 19.9	2.257	3.220	5.2	19.9
3 22	10 19.98	− 2 24.5	2.293	3.215	7.9	20.1
4 1	10 15.08	− 1 30.2	2.355	3.211	10.8	20.3

358030 2006 FU_{12} 2 26.9 198°.52 1°.1/27.9 18

1 22	11 1.75	+ 2 1.6	1.897	2.687	15.0	21.8
2 1	10 57.31	+ 2 37.6	1.806	2.684	11.7	21.5
2 11	10 50.62	+ 3 31.6	1.738	2.681	7.8	21.3
2 21	10 42.25	+ 4 40.0	1.697	2.677	3.4	21.0
3 2	10 33.10	+ 5 56.7	1.684	2.673	1.8	20.9
3 12	10 24.27	+ 7 13.9	1.701	2.668	6.1	21.2
3 22	10 16.73	+ 8 24.3	1.745	2.663	10.3	21.4
4 1	10 11.27	+ 9 22.6	1.813	2.657	14.0	21.6

462672 2009 TP_{41} 2 26.9 121°.34 9°.9/ 9.2 18

1 22	10 59.06	−22 46.7	2.122	2.763	17.7	21.2
2 1	10 55.20	−23 27.7	2.032	2.767	15.9	21.0
2 11	10 49.24	−23 40.8	1.959	2.772	13.8	20.9
2 21	10 41.72	−23 22.6	1.907	2.776	11.8	20.7
3 2	10 33.48	−22 32.3	1.877	2.780	10.3	20.6
3 12	10 25.53	−21 13.6	1.873	2.784	10.0	20.6
3 22	10 18.80	−19 33.6	1.894	2.787	11.0	20.7
4 1	10 14.03	−17 41.7	1.939	2.791	12.9	20.8

190055 2004 RK_{220} 2 26.9 191°.44 4°.9/ 2.7 17

1 22	11 2.13	− 7 50.7	2.446	3.170	13.7	21.1
2 1	10 57.13	− 8 15.4	2.347	3.169	11.4	21.0
2 11	10 50.28	− 8 23.3	2.270	3.167	8.8	20.8
2 21	10 42.08	− 8 13.9	2.219	3.165	6.2	20.6
3 2	10 33.24	− 7 48.4	2.197	3.162	4.9	20.5
3 12	10 24.62	− 7 10.4	2.203	3.159	5.9	20.6
3 22	10 17.01	− 6 24.6	2.239	3.155	8.4	20.7
4 1	10 11.06	− 5 36.5	2.300	3.151	11.2	20.9

197020 2003 UV_{107} 2 26.9 100°.46 1°.1/25.9 18

1 22	11 0.54	+ 9 45.1	2.108	2.919	12.9	20.8
2 1	10 56.06	+10 18.1	2.032	2.926	9.7	20.6
2 11	10 49.62	+11 0.4	1.979	2.932	6.1	20.4
2 21	10 41.81	+11 47.1	1.954	2.939	2.3	20.2
3 2	10 33.45	+12 32.9	1.959	2.945	2.4	20.2
3 12	10 25.50	+13 12.2	1.992	2.951	6.2	20.4
3 22	10 18.77	+13 41.1	2.053	2.958	9.7	20.7
4 1	10 13.90	+13 57.4	2.138	2.964	12.8	20.9

33855 2000 HS_{60} 2 26.9 139°.35 2°.2/24.7 18

1 22	11 4.47	+13 52.3	2.427	3.232	11.6	20.1
2 1	10 58.71	+14 35.1	2.356	3.248	8.7	19.9
2 11	10 51.14	+15 22.9	2.311	3.262	5.5	19.7
2 21	10 42.35	+16 10.7	2.295	3.276	2.6	19.6
3 2	10 33.11	+16 53.2	2.310	3.289	3.2	19.6
3 12	10 24.31	+17 26.0	2.356	3.302	6.3	19.8
3 22	10 16.69	+17 46.4	2.429	3.313	9.3	20.0
4 1	10 10.83	+17 53.6	2.527	3.324	11.9	20.2

428816 2008 TX_{68} 2 26.9 125°.49 1°.5/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.30	+10 43.7	2.189	3.001	12.5	21.7
2 1	10 55.82	+11 25.6	2.112	3.007	9.4	21.5
2 11	10 49.44	+12 16.0	2.060	3.014	5.9	21.3
2 21	10 41.74	+13 10.0	2.036	3.020	2.3	21.1
3 2	10 33.51	+14 1.7	2.042	3.026	2.7	21.1
3 12	10 25.66	+14 45.7	2.077	3.032	6.2	21.4
3 22	10 18.98	+15 18.2	2.138	3.037	9.7	21.6
4 1	10 14.10	+15 37.1	2.224	3.043	12.6	21.8

464178 2015 AH_{169} 2 26.9 5°.97 2°.1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.14	+11 23.2	1.867	2.691	13.8	21.1
2 1	10 55.32	+12 14.4	1.789	2.691	10.4	20.9
2 11	10 49.32	+13 15.7	1.735	2.691	6.5	20.6
2 21	10 41.74	+14 21.1	1.708	2.691	2.8	20.4
3 2	10 33.50	+15 23.1	1.709	2.692	3.4	20.4
3 12	10 25.66	+16 15.0	1.739	2.693	7.3	20.7
3 22	10 19.16	+16 52.0	1.794	2.694	11.2	20.9
4 1	10 14.71	+17 11.8	1.871	2.695	14.5	21.1

384542 2010 EW_{36} 2 26.9 95°.95 1°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 56.94	+ 1 33.0	2.207	2.994	13.2	20.8
2 1	10 53.31	+ 2 15.3	2.120	2.996	10.2	20.6
2 11	10 47.88	+ 3 13.6	2.057	2.999	6.8	20.4
2 21	10 41.17	+ 4 24.3	2.022	3.002	3.1	20.1
3 2	10 33.90	+ 5 42.0	2.015	3.004	1.6	20.0
3 12	10 26.93	+ 7 0.0	2.039	3.007	5.2	20.3
3 22	10 21.01	+ 8 12.0	2.090	3.009	8.8	20.5
4 1	10 16.77	+ 9 13.3	2.166	3.011	12.0	20.7

407664 2011 SG_{181} 2 26.9 90°.91 1°.3/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 6.54	+10 17.2	1.537	2.356	16.5	21.3
2 1	11 1.21	+10 37.4	1.471	2.369	12.5	21.1
2 11	10 53.15	+11 8.4	1.428	2.381	7.9	20.8
2 21	10 43.20	+11 44.2	1.410	2.394	2.9	20.5
3 2	10 32.56	+12 18.1	1.420	2.406	2.9	20.6
3 12	10 22.63	+12 43.5	1.457	2.419	7.7	20.9
3 22	10 14.55	+12 56.6	1.520	2.431	12.1	21.2
4 1	10 9.10	+12 55.4	1.605	2.443	15.8	21.4

291976 2006 QR_{78} 2 26.9 146°.56 3°.5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.95	+21 1.4	2.976	3.789	9.5	21.2
2 1	10 56.57	+21 43.3	2.906	3.798	7.2	21.0
2 11	10 49.68	+22 25.0	2.863	3.808	4.9	20.9
2 21	10 41.78	+23 1.9	2.849	3.817	3.5	20.8
3 2	10 33.52	+23 29.9	2.866	3.825	4.3	20.9
3 12	10 25.60	+23 46.0	2.913	3.833	6.4	21.0
3 22	10 18.66	+23 48.9	2.987	3.841	8.7	21.2
4 1	10 13.17	+23 38.6	3.085	3.848	10.8	21.3

196310 2003 FO_{24} 2 26.9 347°.14 6°.0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.46	+18 25.6	1.189	2.044	18.0	19.3
2 1	10 59.11	+19 27.0	1.122	2.039	13.8	19.0
2 11	10 52.35	+20 34.9	1.077	2.034	9.3	18.7
2 21	10 43.04	+21 38.1	1.054	2.030	6.2	18.5
3 2	10 32.63	+22 24.4	1.056	2.027	7.7	18.6
3 12	10 22.93	+22 45.1	1.081	2.025	12.1	18.8
3 22	10 15.47	+22 37.6	1.127	2.023	16.6	19.1
4 1	10 11.26	+22 3.4	1.192	2.022	20.6	19.3

502742 2015 DX_{42} 2 26.9 233°.48 4°.0/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.38	+18 50.6	2.261	3.086	11.6	21.2
2 1	10 55.96	+19 48.0	2.183	3.083	8.8	21.0
2 11	10 49.58	+20 48.3	2.129	3.080	5.9	20.9
2 21	10 41.82	+21 45.3	2.104	3.077	4.0	20.7
3 2	10 33.47	+22 32.6	2.108	3.073	5.1	20.8
3 12	10 25.47	+23 5.3	2.141	3.070	7.9	20.9
3 22	10 18.64	+23 20.8	2.199	3.066	10.8	21.1
4 1	10 13.63	+23 18.7	2.280	3.063	13.5	21.3

161611 2005 UR_{110} 2 26.9 181°.78 2°.1/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 6.25	+11 22.1	1.763	2.577	14.9	21.0
2 1	11 0.88	+12 5.5	1.683	2.578	11.3	20.8
2 11	10 52.95	+12 59.3	1.626	2.579	7.1	20.5
2 21	10 43.16	+13 57.1	1.596	2.579	2.9	20.3
3 2	10 32.56	+14 51.3	1.595	2.578	3.5	20.3
3 12	10 22.42	+15 34.9	1.622	2.577	7.8	20.6
3 22	10 13.86	+16 3.4	1.676	2.574	11.9	20.8
4 1	10 7.70	+16 14.9	1.753	2.571	15.5	21.0

458923 2011 UD_{281} 2 26.9 131°.40 1°.6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.28	+ 9 27.2	1.943	2.751	14.0	22.4
2 1	10 58.99	+10 28.6	1.875	2.768	10.5	22.2
2 11	10 51.52	+11 41.2	1.831	2.784	6.5	22.0
2 21	10 42.54	+12 58.5	1.815	2.799	2.5	21.8
3 2	10 33.01	+14 12.8	1.829	2.814	3.0	21.9
3 12	10 23.98	+15 17.0	1.873	2.827	6.9	22.1
3 22	10 16.39	+16 6.4	1.944	2.840	10.6	22.4
4 1	10 10.89	+16 38.8	2.038	2.852	13.8	22.6

272953 2006 CC_{7} 2 26.9 57°.84 1°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 0.63	+ 2 43.5	1.941	2.734	14.5	20.6
2 1	10 56.34	+ 2 50.5	1.857	2.736	11.3	20.4
2 11	10 49.92	+ 3 12.2	1.796	2.738	7.6	20.2
2 21	10 41.98	+ 3 46.0	1.760	2.739	3.6	20.0
3 2	10 33.37	+ 4 27.4	1.753	2.741	2.0	19.8
3 12	10 25.13	+ 5 10.8	1.775	2.743	5.8	20.1
3 22	10 18.16	+ 5 50.6	1.823	2.745	9.7	20.3
4 1	10 13.19	+ 6 22.5	1.896	2.747	13.2	20.6

323998 2005 UM_{241} 2 26.9 172°.30 0°.7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.52	+ 8 53.2	2.268	3.068	12.5	21.3
2 1	10 57.47	+ 9 22.8	2.183	3.071	9.5	21.1
2 11	10 50.50	+10 1.6	2.124	3.074	6.0	20.8
2 21	10 42.16	+10 45.5	2.092	3.076	2.2	20.6
3 2	10 33.26	+11 29.5	2.090	3.077	2.0	20.6
3 12	10 24.69	+12 8.4	2.119	3.078	5.8	20.8
3 22	10 17.28	+12 38.4	2.175	3.079	9.3	21.0
4 1	10 11.67	+12 57.0	2.256	3.079	12.4	21.2

184053 2004 FN_{110} 2 26.9 43°.82 2°.8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.56	+11 58.2	1.380	2.218	17.0	19.5
2 1	10 57.63	+12 50.0	1.325	2.234	12.7	19.3
2 11	10 50.95	+13 52.9	1.292	2.250	7.9	19.1
2 21	10 42.38	+14 58.4	1.284	2.267	3.5	18.9
3 2	10 33.16	+15 57.2	1.302	2.285	4.3	18.9
3 12	10 24.72	+16 41.2	1.346	2.303	8.8	19.3
3 22	10 18.18	+17 6.1	1.414	2.321	13.1	19.5
4 1	10 14.28	+17 10.9	1.503	2.340	16.8	19.8

172572 2003 UJ_{190} 2 26.9 224°.97 2°.9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.82	+13 45.8	1.860	2.681	14.0	20.8
2 1	10 59.02	+14 37.7	1.774	2.673	10.6	20.5
2 11	10 51.78	+15 38.3	1.711	2.665	6.8	20.3
2 21	10 42.74	+16 40.8	1.675	2.656	3.3	20.1
3 2	10 32.85	+17 37.5	1.668	2.647	4.3	20.1
3 12	10 23.31	+18 21.6	1.690	2.637	8.1	20.3
3 22	10 15.19	+18 48.6	1.737	2.627	12.0	20.5
4 1	10 9.32	+18 57.1	1.807	2.617	15.5	20.7

145378 2005 NB_{8} 2 26.9 37°.61 1°.8/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.54	+ 1 26.1	1.573	2.376	16.9	20.2
2 1	10 55.93	+ 1 44.2	1.498	2.382	13.2	19.9
2 11	10 49.85	+ 2 22.3	1.444	2.388	8.9	19.7
2 21	10 41.99	+ 3 16.7	1.415	2.395	4.2	19.4
3 2	10 33.39	+ 4 21.3	1.413	2.402	2.2	19.3
3 12	10 25.27	+ 5 27.8	1.438	2.409	6.6	19.6
3 22	10 18.72	+ 6 28.4	1.489	2.416	11.0	19.9
4 1	10 14.50	+ 7 17.3	1.562	2.424	14.9	20.1

521126 2015 DT_{247} 2 26.9 228°.91 0°.7/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.78	+ 9 30.9	2.583	3.384	11.1	22.2
2 1	10 55.24	+ 9 54.9	2.489	3.377	8.4	22.0
2 11	10 49.03	+10 26.6	2.420	3.370	5.3	21.8
2 21	10 41.61	+11 2.5	2.379	3.363	2.0	21.6
3 2	10 33.65	+11 38.5	2.369	3.356	1.9	21.5
3 12	10 25.94	+12 10.2	2.389	3.348	5.3	21.7
3 22	10 19.16	+12 34.4	2.437	3.340	8.5	21.9
4 1	10 13.92	+12 48.9	2.510	3.332	11.3	22.1

368736 2005 UP_{229} 2 26.9 147°.90 0°.5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.95	+ 4 19.5	2.106	2.899	13.5	22.0
2 1	10 56.40	+ 4 49.4	2.024	2.905	10.4	21.8
2 11	10 49.87	+ 5 32.9	1.966	2.911	6.8	21.6
2 21	10 41.95	+ 6 26.3	1.935	2.917	2.8	21.3
3 2	10 33.43	+ 7 24.2	1.933	2.922	1.6	21.3
3 12	10 25.29	+ 8 20.6	1.961	2.927	5.6	21.5
3 22	10 18.34	+ 9 10.1	2.016	2.931	9.3	21.8
4 1	10 13.25	+ 9 48.9	2.096	2.935	12.6	22.0

95389 2002 CS_{173} 2 26.9 258°.75 2°.2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.52	+11 59.2	1.926	2.747	13.5	19.8
2 1	10 56.33	+12 45.9	1.845	2.745	10.2	19.6
2 11	10 49.96	+13 41.9	1.789	2.744	6.4	19.3
2 21	10 42.02	+14 41.2	1.759	2.742	2.8	19.1
3 2	10 33.39	+15 36.9	1.758	2.741	3.4	19.1
3 12	10 25.14	+16 22.5	1.786	2.739	7.3	19.4
3 22	10 18.22	+16 53.6	1.839	2.737	11.0	19.6
4 1	10 13.34	+17 8.4	1.916	2.736	14.3	19.8

167627 2004 CD_{71} 2 26.9 98°.37 0°.2/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.91	+ 7 49.5	2.294	3.088	12.5	20.2
2 1	10 58.40	+ 7 47.2	2.216	3.099	9.6	20.0
2 11	10 51.01	+ 7 52.9	2.162	3.109	6.1	19.8
2 21	10 42.35	+ 8 4.0	2.137	3.120	2.4	19.6
3 2	10 33.20	+ 8 16.8	2.142	3.130	1.5	19.5
3 12	10 24.47	+ 8 27.8	2.177	3.141	5.3	19.8
3 22	10 16.95	+ 8 34.0	2.240	3.151	8.7	20.0
4 1	10 11.22	+ 8 33.4	2.328	3.161	11.7	20.2

276791 2004 NT_6 2 26.9 219°.08 2°.4/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.04	+13 32.4	2.606	3.414	10.8	22.0
2 1	10 56.27	+14 33.8	2.509	3.403	8.1	21.8
2 11	10 49.74	+15 42.3	2.439	3.391	5.2	21.6
2 21	10 41.91	+16 52.7	2.399	3.379	2.6	21.4
3 2	10 33.46	+17 59.1	2.389	3.365	3.4	21.5
3 12	10 25.20	+18 56.0	2.410	3.351	6.4	21.6
3 22	10 17.87	+19 39.7	2.459	3.337	9.4	21.8
4 1	10 12.12	+20 8.2	2.532	3.321	12.1	22.0

18645 1998 EM_{19} 2 26.9 276°.30 0°.2/27.1 18

1 22	10 58.46	+ 6 5.0	2.375	3.173	12.1	18.8
2 1	10 54.45	+ 6 28.4	2.274	3.159	9.3	18.6
2 11	10 48.64	+ 7 2.8	2.197	3.145	6.0	18.4
2 21	10 41.50	+ 7 45.2	2.148	3.131	2.3	18.1
3 2	10 33.73	+ 8 31.1	2.128	3.117	1.5	18.0
3 12	10 26.15	+ 9 15.7	2.137	3.102	5.3	18.2
3 22	10 19.54	+ 9 54.3	2.175	3.088	8.8	18.4
4 1	10 14.54	+10 23.6	2.237	3.074	12.0	18.6

331208 2011 BW_{34} 2 26.9 140°.65 1°.6/25.4 18

1 22	10 59.68	+ 9 26.6	1.926	2.742	13.7	20.8
2 1	10 55.67	+10 22.6	1.847	2.744	10.4	20.6
2 11	10 49.53	+11 30.6	1.792	2.746	6.5	20.4
2 21	10 41.85	+12 44.5	1.764	2.748	2.5	20.1
3 2	10 33.52	+13 56.9	1.765	2.750	2.9	20.1
3 12	10 25.58	+15 0.6	1.795	2.752	6.9	20.4
3 22	10 18.92	+15 50.4	1.852	2.754	10.8	20.6
4 1	10 14.27	+16 23.3	1.931	2.755	14.1	20.8

161029 2002 GJ_{42} 2 26.9 134°.04 3°.5/24.1 18

1 22	11 6.46	+15 53.1	1.822	2.643	14.2	20.1
2 1	11 0.84	+16 43.2	1.755	2.654	10.7	19.9
2 11	10 52.80	+17 38.6	1.712	2.665	6.9	19.7
2 21	10 43.08	+18 32.1	1.697	2.675	3.8	19.5
3 2	10 32.73	+19 16.2	1.710	2.685	4.7	19.6
3 12	10 22.99	+19 45.2	1.752	2.694	8.3	19.8
3 22	10 14.86	+19 56.4	1.819	2.703	11.9	20.1
4 1	10 9.08	+19 49.9	1.909	2.711	15.1	20.3

234533 2001 UF_{161} 2 26.9 180°.09 4°.2/23.1 18

1 22	11 6.17	+17 22.6	1.933	2.753	13.5	21.1
2 1	11 0.66	+18 31.2	1.857	2.755	10.3	20.9
2 11	10 52.75	+19 44.9	1.806	2.757	6.8	20.7
2 21	10 43.09	+20 55.9	1.783	2.757	4.3	20.5
3 2	10 32.70	+21 55.9	1.789	2.757	5.5	20.6
3 12	10 22.76	+22 38.6	1.823	2.755	8.8	20.8
3 22	10 14.31	+23 0.8	1.884	2.753	12.3	21.0
4 1	10 8.13	+23 2.7	1.966	2.750	15.3	21.2

150311 1999 UN_{19} 2 26.9 138°.46 3°.0/24.8 18

1 22	11 6.61	+12 58.1	1.477	2.305	16.6	20.4
2 1	11 1.51	+13 46.6	1.409	2.312	12.5	20.2
2 11	10 53.51	+14 45.3	1.363	2.318	7.9	20.0
2 21	10 43.42	+15 46.2	1.342	2.324	3.6	19.7
3 2	10 32.50	+16 40.0	1.349	2.330	4.5	19.8
3 12	10 22.24	+17 18.8	1.382	2.335	9.0	20.1
3 22	10 13.89	+17 38.7	1.441	2.340	13.4	20.3
4 1	10 8.32	+17 38.6	1.520	2.345	17.2	20.6

114597 2003 CF_7 2 26.9 89°.57 2°.2/24.7 18

1 22	11 0.51	+ 9 43.6	1.828	2.646	14.3	19.6
2 1	10 56.27	+11 7.4	1.766	2.665	10.7	19.4
2 11	10 49.85	+12 43.2	1.729	2.684	6.6	19.2
2 21	10 41.95	+14 23.2	1.719	2.703	2.8	19.0
3 2	10 33.50	+15 58.3	1.739	2.721	3.6	19.1
3 12	10 25.58	+17 20.2	1.788	2.739	7.5	19.4
3 22	10 19.09	+18 23.7	1.863	2.757	11.2	19.6
4 1	10 14.68	+19 6.5	1.961	2.774	14.3	19.9

443931 2002 TR_{34} 2 26.9 136°.91 0°.4/27.3 18

1 22	11 6.29	+ 4 44.2	1.699	2.496	16.1	22.3
2 1	11 0.83	+ 5 13.6	1.626	2.510	12.4	22.1
2 11	10 52.87	+ 5 59.0	1.576	2.523	8.0	21.9
2 21	10 43.13	+ 6 55.4	1.552	2.535	3.2	21.6
3 2	10 32.70	+ 7 56.3	1.557	2.546	1.9	21.5
3 12	10 22.84	+ 8 54.0	1.591	2.556	6.7	21.8
3 22	10 14.62	+ 9 42.2	1.652	2.566	11.0	22.1
4 1	10 8.80	+10 17.2	1.736	2.575	14.7	22.4

54336 2000 KU_{13} 2 26.9 130°.62 5°.8/ 4.2 18

1 22	11 1.22	−11 41.9	2.229	2.939	15.3	19.6
2 1	10 56.53	−11 51.4	2.145	2.953	12.9	19.5
2 11	10 49.93	−11 38.9	2.082	2.966	10.1	19.3
2 21	10 41.98	−11 4.0	2.043	2.978	7.5	19.2
3 2	10 33.48	−10 9.0	2.032	2.990	5.9	19.1
3 12	10 25.32	− 8 59.0	2.049	3.001	6.5	19.1
3 22	10 18.33	− 7 40.6	2.094	3.012	8.8	19.3
4 1	10 13.13	− 6 21.1	2.165	3.022	11.5	19.5

241131 2007 PG_{40} 2 26.9 259°.12 3°.2/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 2.96	− 1 17.3	1.753	2.532	16.4	20.9
2 1	10 58.66	− 1 17.1	1.646	2.512	13.2	20.7
2 11	10 51.79	− 0 56.9	1.560	2.492	9.4	20.4
2 21	10 42.86	− 0 17.5	1.498	2.471	5.3	20.1
3 2	10 32.80	+ 0 37.4	1.465	2.450	3.3	19.9
3 12	10 22.84	+ 1 41.3	1.459	2.428	6.7	20.1
3 22	10 14.20	+ 2 46.3	1.480	2.406	11.2	20.3
4 1	10 7.86	+ 3 45.1	1.525	2.383	15.4	20.5

63095 2000 WS_{142} 2 26.9 201°.25 2°.6/29.9 18

1 22	10 58.19	− 3 28.0	2.236	2.998	13.8	19.9
2 1	10 54.31	− 2 50.3	2.140	2.996	11.1	19.7
2 11	10 48.58	− 1 52.8	2.066	2.993	7.8	19.5
2 21	10 41.50	− 0 38.0	2.019	2.989	4.4	19.3
3 2	10 33.79	+ 0 49.3	2.001	2.986	2.6	19.2
3 12	10 26.33	+ 2 22.3	2.013	2.982	5.2	19.3
3 22	10 19.90	+ 3 53.7	2.054	2.978	8.7	19.5
4 1	10 15.17	+ 5 16.9	2.121	2.973	11.9	19.7

185107 2006 SA_{34} 2 26.9 337°.99 0°.1/27.0 18

1 22	11 3.59	+ 7 39.9	1.527	2.346	16.6	20.3
2 1	10 59.21	+ 7 42.0	1.446	2.342	12.8	20.0
2 11	10 52.09	+ 7 56.9	1.387	2.339	8.3	19.7
2 21	10 42.92	+ 8 20.7	1.352	2.336	3.2	19.4
3 2	10 32.84	+ 8 47.8	1.344	2.333	2.1	19.3
3 12	10 23.23	+ 9 11.7	1.363	2.331	7.3	19.6
3 22	10 15.32	+ 9 27.4	1.408	2.328	12.1	19.9
4 1	10 9.99	+ 9 31.4	1.474	2.327	16.2	20.1

41639 2000 SD_{227} 2 26.9 106°.20 5°.4/22.2 18 R

1 22	11 6.69	+19 45.5	1.759	2.586	14.3	19.0
2 1	11 1.04	+21 9.4	1.709	2.609	10.9	18.8
2 11	10 52.90	+22 35.1	1.683	2.631	7.4	18.7
2 21	10 43.11	+23 53.0	1.684	2.653	5.4	18.6
3 2	10 32.79	+24 54.4	1.714	2.673	6.7	18.7
3 12	10 23.20	+25 33.5	1.772	2.693	9.7	18.9
3 22	10 15.36	+25 48.9	1.854	2.713	12.9	19.2
4 1	10 9.96	+25 42.1	1.957	2.732	15.7	19.4

456787 2007 TB_{187} 2 26.9 151°.29 1°.1/25.9 18

1 22	11 4.31	+ 8 53.2	2.004	2.807	13.7	22.4
2 1	10 59.03	+ 9 37.4	1.927	2.817	10.4	22.2
2 11	10 51.60	+10 32.5	1.875	2.826	6.5	22.0
2 21	10 42.64	+11 33.3	1.851	2.835	2.4	21.8
3 2	10 33.07	+12 33.1	1.856	2.842	2.5	21.8
3 12	10 23.94	+13 25.5	1.891	2.849	6.5	22.1
3 22	10 16.17	+14 5.9	1.954	2.855	10.3	22.3
4 1	10 10.46	+14 31.9	2.040	2.860	13.6	22.5

40624 1999 RJ_{171} 2 26.9 212°.40 1°.1/26.0 18

1 22	11 3.92	+ 9 15.1	1.903	2.711	14.2	19.9
2 1	10 59.01	+ 9 48.6	1.814	2.706	10.8	19.6
2 11	10 51.75	+10 33.5	1.748	2.700	6.9	19.4
2 21	10 42.75	+11 24.8	1.710	2.694	2.6	19.1
3 2	10 32.96	+12 15.9	1.700	2.687	2.5	19.1
3 12	10 23.50	+13 0.5	1.720	2.679	6.9	19.3
3 22	10 15.40	+13 33.6	1.766	2.671	11.0	19.6
4 1	10 9.47	+13 52.4	1.836	2.663	14.6	19.8

314704 2006 RL_{121} 2 26.9 323°.59 1°.5/26.0 18

1 22	11 2.08	+10 35.4	1.427	2.259	16.8	20.3
2 1	10 58.36	+10 51.9	1.342	2.247	12.9	20.1
2 11	10 51.72	+11 20.2	1.279	2.235	8.2	19.8
2 21	10 42.84	+11 55.0	1.240	2.224	3.1	19.4
3 2	10 32.89	+12 28.9	1.227	2.214	3.2	19.4
3 12	10 23.35	+12 54.5	1.240	2.204	8.4	19.7
3 22	10 15.56	+13 6.7	1.277	2.194	13.3	19.9
4 1	10 10.51	+13 2.7	1.335	2.186	17.7	20.1

88055 2000 VA_{28} 2 26.9 132°.49 2°.6/24.4 18

1 22	11 0.94	+13 11.0	2.100	2.919	12.7	19.8
2 1	10 56.43	+14 9.7	2.028	2.926	9.5	19.6
2 11	10 49.92	+15 16.0	1.980	2.934	6.0	19.4
2 21	10 42.00	+16 23.6	1.960	2.941	2.9	19.2
3 2	10 33.53	+17 25.6	1.969	2.948	3.7	19.3
3 12	10 25.46	+18 16.1	2.007	2.954	7.1	19.5
3 22	10 18.65	+18 51.4	2.073	2.960	10.5	19.7
4 1	10 13.73	+19 9.9	2.161	2.966	13.4	19.9

192554 1998 TU_{27} 2 26.9 139°.94 1°.0/26.0 18

1 22	11 0.81	+ 9 30.0	2.238	3.044	12.4	21.1
2 1	10 56.20	+10 2.7	2.158	3.050	9.4	20.9
2 11	10 49.72	+10 44.3	2.103	3.055	5.9	20.7
2 21	10 41.92	+11 30.5	2.076	3.060	2.2	20.5
3 2	10 33.59	+12 16.0	2.078	3.064	2.2	20.5
3 12	10 25.62	+12 55.6	2.110	3.069	5.9	20.7
3 22	10 18.80	+13 25.7	2.169	3.073	9.3	20.9
4 1	10 13.74	+13 43.8	2.253	3.077	12.3	21.1

267205 2000 SZ_{173} 2 26.9 219°.84 2°.6/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 4.78	+ 0 55.9	2.189	2.958	13.8	20.6
2 1	10 59.37	+ 0 35.8	2.090	2.952	11.0	20.4
2 11	10 51.86	+ 0 28.3	2.014	2.946	7.7	20.2
2 21	10 42.79	+ 0 32.6	1.966	2.939	4.2	20.0
3 2	10 32.97	+ 0 46.2	1.947	2.932	2.7	19.9
3 12	10 23.41	+ 1 5.5	1.958	2.924	5.6	20.0
3 22	10 15.01	+ 1 26.2	1.997	2.916	9.2	20.2
4 1	10 8.50	+ 1 44.2	2.061	2.908	12.5	20.4

363390 2002 XK_{52} 2 26.9 111°.24 7°.9/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 4.45	−17 54.6	2.279	2.939	16.2	21.0
2 1	10 58.93	−18 31.4	2.204	2.964	14.1	20.9
2 11	10 51.43	−18 44.0	2.148	2.988	11.7	20.8
2 21	10 42.57	−18 30.8	2.116	3.011	9.5	20.6
3 2	10 33.17	−17 52.4	2.109	3.034	8.1	20.6
3 12	10 24.21	−16 52.9	2.130	3.056	8.1	20.6
3 22	10 16.50	−15 38.9	2.179	3.077	9.6	20.8
4 1	10 10.68	−14 17.9	2.252	3.097	11.6	20.9

47349 1999 XD_{52} 2 26.9 184°.40 3°.2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 6.86	+13 55.8	1.745	2.564	14.8	20.1
2 1	11 1.42	+14 52.4	1.666	2.565	11.2	19.8
2 11	10 53.37	+15 57.7	1.611	2.565	7.2	19.6
2 21	10 43.40	+17 4.2	1.583	2.564	3.6	19.4
3 2	10 32.59	+18 3.5	1.585	2.563	4.6	19.4
3 12	10 22.26	+18 48.1	1.614	2.560	8.5	19.7
3 22	10 13.54	+19 14.2	1.669	2.557	12.6	19.9
4 1	10 7.29	+19 20.5	1.746	2.553	16.0	20.1

356957 2012 XP_{11} 2 26.9 25°.85 2°.7/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 0.47	+15 39.8	2.222	3.043	12.0	20.6
2 1	10 55.98	+16 14.0	2.146	3.046	9.0	20.4
2 11	10 49.59	+16 52.4	2.095	3.048	5.8	20.2
2 21	10 41.88	+17 29.8	2.071	3.051	3.0	20.0
3 2	10 33.64	+18 1.0	2.077	3.054	3.8	20.1
3 12	10 25.79	+18 21.6	2.111	3.057	6.9	20.3
3 22	10 19.14	+18 28.9	2.172	3.060	10.0	20.5
4 1	10 14.28	+18 22.3	2.256	3.064	12.9	20.7

217618 2008 VA_{19} 2 26.9 190°.13 2°.1/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 58.75	− 0 23.8	2.263	3.037	13.3	21.1
2 1	10 54.69	− 0 4.6	2.171	3.037	10.5	20.9
2 11	10 48.80	+ 0 30.4	2.102	3.036	7.3	20.7
2 21	10 41.60	+ 1 19.0	2.060	3.035	3.8	20.4
3 2	10 33.81	+ 2 17.0	2.047	3.034	2.2	20.3
3 12	10 26.29	+ 3 18.9	2.064	3.033	5.1	20.5
3 22	10 19.81	+ 4 18.9	2.109	3.031	8.6	20.7
4 1	10 15.01	+ 5 12.1	2.179	3.030	11.7	20.9

118325 1998 XP_{71} 2 26.9 76°.23 3°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 9.36	+ 1 10.1	1.396	2.189	19.2	19.5
2 1	11 3.43	+ 0 47.1	1.338	2.214	15.0	19.3
2 11	10 54.61	+ 0 43.3	1.301	2.239	10.3	19.1
2 21	10 43.82	+ 0 56.7	1.288	2.264	5.4	18.9
3 2	10 32.41	+ 1 22.8	1.303	2.289	3.3	18.8
3 12	10 21.88	+ 1 54.7	1.344	2.313	7.2	19.1
3 22	10 13.44	+ 2 25.7	1.411	2.337	11.6	19.4
4 1	10 7.84	+ 2 50.4	1.500	2.360	15.5	19.7

39981 1998 HT_{14} 2 26.9 188°.64 0°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.85	+ 6 54.0	2.043	2.842	13.7	20.4
2 1	10 58.01	+ 7 35.3	1.955	2.842	10.4	20.2
2 11	10 51.02	+ 8 29.5	1.891	2.841	6.6	20.0
2 21	10 42.48	+ 9 31.9	1.855	2.839	2.5	19.7
3 2	10 33.24	+10 36.4	1.849	2.836	2.0	19.6
3 12	10 24.32	+11 36.2	1.872	2.833	6.2	19.9
3 22	10 16.65	+12 25.8	1.923	2.829	10.2	20.1
4 1	10 10.96	+13 1.9	1.997	2.825	13.5	20.3

166899 2003 AT_{4} 2 26.9 207°.99 0°.6/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.47	+ 5 51.8	2.708	3.490	11.2	20.1
2 1	10 57.20	+ 5 54.2	2.609	3.484	8.6	19.9
2 11	10 50.27	+ 6 5.0	2.536	3.479	5.6	19.7
2 21	10 42.14	+ 6 22.0	2.491	3.473	2.3	19.4
3 2	10 33.48	+ 6 42.2	2.477	3.466	1.3	19.4
3 12	10 25.05	+ 7 2.2	2.494	3.459	4.6	19.6
3 22	10 17.54	+ 7 18.9	2.541	3.452	7.8	19.8
4 1	10 11.53	+ 7 29.7	2.613	3.444	10.6	19.9

421260 2013 SJ_{63} 2 26.9 282°.28 1°.6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.96	+11 2.1	1.869	2.687	14.0	21.1
2 1	10 57.52	+11 31.8	1.786	2.683	10.6	20.9
2 11	10 50.80	+12 10.8	1.726	2.680	6.7	20.6
2 21	10 42.42	+12 54.2	1.692	2.676	2.6	20.4
3 2	10 33.30	+13 35.5	1.687	2.672	2.9	20.4
3 12	10 24.56	+14 8.8	1.711	2.669	7.1	20.6
3 22	10 17.21	+14 30.0	1.760	2.665	11.0	20.8
4 1	10 11.98	+14 36.8	1.833	2.662	14.5	21.1

335949 2007 TF_{91} 2 26.9 90°.61 0°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 58.64	+ 2 49.1	2.354	3.139	12.5	21.3
2 1	10 54.41	+ 3 21.4	2.280	3.156	9.6	21.1
2 11	10 48.50	+ 4 6.7	2.231	3.173	6.3	20.9
2 21	10 41.45	+ 5 1.5	2.209	3.190	2.8	20.7
3 2	10 33.98	+ 6 1.2	2.217	3.206	1.4	20.7
3 12	10 26.87	+ 7 0.1	2.255	3.222	4.9	20.9
3 22	10 20.83	+ 7 53.6	2.322	3.238	8.2	21.2
4 1	10 16.38	+ 8 37.8	2.413	3.254	11.1	21.4

490128 2008 UB_{102} 2 26.9 112°.13 1°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 3.78	+ 2 0.5	1.520	2.321	17.5	22.3
2 1	10 59.25	+ 2 15.2	1.447	2.330	13.7	22.0
2 11	10 52.05	+ 2 49.6	1.394	2.338	9.2	21.8
2 21	10 42.92	+ 3 40.0	1.366	2.346	4.3	21.5
3 2	10 32.98	+ 4 40.1	1.366	2.354	2.3	21.4
3 12	10 23.60	+ 5 41.6	1.392	2.362	6.9	21.7
3 22	10 15.93	+ 6 36.8	1.445	2.370	11.5	22.0
4 1	10 10.81	+ 7 20.2	1.520	2.377	15.5	22.2

457463 2008 UO_{187} 2 26.9 82°.90 3°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.67	− 2 49.8	1.476	2.264	18.6	21.6
2 1	10 57.73	− 2 42.0	1.403	2.273	14.9	21.3
2 11	10 51.12	− 2 9.5	1.350	2.283	10.5	21.1
2 21	10 42.57	− 1 14.3	1.320	2.292	6.0	20.9
3 2	10 33.22	− 0 2.3	1.317	2.301	3.7	20.8
3 12	10 24.41	+ 1 17.6	1.340	2.311	6.9	21.0
3 22	10 17.30	+ 2 35.7	1.389	2.320	11.4	21.2
4 1	10 12.72	+ 3 44.0	1.461	2.329	15.4	21.5

234861 2002 RP_{259} 2 26.9 63°.27 1°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.81	+ 9 30.6	1.996	2.810	13.4	20.8
2 1	10 55.61	+10 10.0	1.927	2.823	10.1	20.6
2 11	10 49.41	+10 59.4	1.882	2.835	6.3	20.4
2 21	10 41.83	+11 53.6	1.864	2.848	2.4	20.2
3 2	10 33.74	+12 46.3	1.875	2.861	2.5	20.2
3 12	10 26.11	+13 31.8	1.915	2.874	6.3	20.5
3 22	10 19.77	+14 5.8	1.982	2.887	10.0	20.7
4 1	10 15.33	+14 25.9	2.072	2.901	13.1	21.0

135523 2001 YW_{147} 2 26.9 117°.09 2°.2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	10 59.87	+14 32.9	2.665	3.477	10.5	20.7
2 1	10 55.18	+15 17.6	2.595	3.490	7.8	20.5
2 11	10 48.92	+16 6.5	2.551	3.504	5.0	20.4
2 21	10 41.61	+16 55.1	2.537	3.517	2.5	20.2
3 2	10 33.90	+17 38.6	2.552	3.529	3.2	20.3
3 12	10 26.55	+18 13.0	2.598	3.542	5.9	20.5
3 22	10 20.19	+18 35.8	2.671	3.554	8.6	20.7
4 1	10 15.33	+18 45.8	2.769	3.566	11.0	20.9

252947 2002 PL_{68} 2 26.9 284°.46 2°.7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 2.33	+ 1 2.4	1.649	2.443	16.7	20.5
2 1	10 58.31	+ 0 53.0	1.548	2.425	13.3	20.2
2 11	10 51.63	+ 1 1.5	1.468	2.407	9.3	20.0
2 21	10 42.86	+ 1 26.5	1.413	2.389	4.9	19.7
3 2	10 32.97	+ 2 4.5	1.384	2.371	2.9	19.5
3 12	10 23.26	+ 2 49.2	1.383	2.353	6.9	19.7
3 22	10 14.95	+ 3 33.7	1.408	2.335	11.6	19.9
4 1	10 9.06	+ 4 11.6	1.455	2.317	15.8	20.1

364323 2006 UE_{90} 2 26.9 119°.41 2°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.50	+15 0.9	2.039	2.854	13.1	21.3
2 1	10 59.84	+15 48.8	1.975	2.872	9.9	21.1
2 11	10 52.05	+16 41.8	1.937	2.889	6.3	20.9
2 21	10 42.83	+17 33.6	1.926	2.905	3.3	20.8
3 2	10 33.11	+18 17.6	1.945	2.921	4.0	20.8
3 12	10 23.96	+18 48.9	1.993	2.937	7.4	21.1
3 22	10 16.24	+19 4.9	2.068	2.952	10.7	21.3
4 1	10 10.60	+19 5.1	2.166	2.966	13.6	21.5

19268 Morstadt 2 26.9 153°.57 1°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 1.89	+11 13.0	2.131	2.942	12.8	20.0
2 1	10 57.15	+11 50.3	2.051	2.946	9.6	19.8
2 11	10 50.40	+12 35.8	1.997	2.950	6.0	19.6
2 21	10 42.23	+13 24.6	1.970	2.953	2.4	19.4
3 2	10 33.49	+14 10.8	1.972	2.957	2.8	19.4
3 12	10 25.12	+14 49.1	2.004	2.960	6.4	19.7
3 22	10 17.99	+15 15.7	2.063	2.962	10.0	19.9
4 1	10 12.75	+15 28.7	2.146	2.965	13.0	20.1

461581 2004 PM_{114} 2 26.9 226°.98 4°.5/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1 22	11 5.38	+21 51.5	2.463	3.278	11.1	21.9
2 1	10 59.73	+22 43.5	2.373	3.265	8.6	21.7
2 11	10 52.04	+23 36.0	2.308	3.252	6.1	21.6
2 21	10 42.88	+24 23.0	2.273	3.238	4.6	21.4
3 2	10 33.04	+24 58.4	2.267	3.223	5.6	21.5
3 12	10 23.48	+25 17.8	2.291	3.208	8.1	21.6
3 22	10 15.08	+25 19.4	2.341	3.191	10.9	21.7
4 1	10 8.52	+25 3.6	2.414	3.175	13.4	21.9

212801 2007 TR_{299} 2 26.9 347°.76 0°.5/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	11 1.99	+ 7 52.2	1.413	2.239	17.3	21.1
2 1	10 58.21	+ 8 11.8	1.336	2.236	13.3	20.8
2 11	10 51.57	+ 8 46.6	1.279	2.234	8.5	20.6
2 21	10 42.81	+ 9 31.2	1.247	2.232	3.2	20.2
3 2	10 33.09	+10 18.2	1.242	2.230	2.5	20.2
3 12	10 23.88	+10 59.7	1.262	2.229	7.9	20.5
3 22	10 16.44	+11 29.3	1.307	2.228	12.8	20.8
4 1	10 11.71	+11 43.3	1.373	2.228	17.0	21.0

81168 2000 ED_{165} 2 26.9 65°.70 1°.0/26.2 18

1 22	11 3.16	+ 8 47.9	1.563	2.384	16.2	19.8
2 1	10 58.62	+ 9 19.8	1.500	2.398	12.2	19.6
2 11	10 51.53	+10 4.4	1.460	2.414	7.7	19.4
2 21	10 42.69	+10 55.5	1.444	2.429	2.8	19.1
3 2	10 33.22	+11 45.9	1.457	2.444	2.6	19.1
3 12	10 24.41	+12 28.3	1.497	2.460	7.3	19.5
3 22	10 17.31	+12 57.9	1.562	2.475	11.7	19.7
4 1	10 12.65	+13 12.0	1.650	2.491	15.3	20.0

107093 2001 AG_{29} 2 26.9 74°.53 1°.9/25.6 18

1 22	11 5.85	+10 36.6	1.476	2.300	16.8	19.5
2 1	11 0.68	+11 17.4	1.422	2.323	12.6	19.3
2 11	10 52.82	+12 9.3	1.391	2.346	7.9	19.1
2 21	10 43.16	+13 5.1	1.385	2.369	3.1	18.9
3 2	10 32.94	+13 56.4	1.407	2.392	3.4	19.0
3 12	10 23.55	+14 36.0	1.456	2.414	8.0	19.3
3 22	10 16.07	+14 59.9	1.530	2.437	12.3	19.6
4 1	10 11.22	+15 6.6	1.625	2.459	15.8	19.9

506551 2005 NZ_{122} 2 26.9 220°.00 6°.1/17.3 17

1 22	11 2.34	+33 2.3	3.282	4.087	8.8	22.0
2 1	10 57.09	+34 14.4	3.207	4.076	7.4	21.9
2 11	10 50.20	+35 21.0	3.160	4.064	6.3	21.8
2 21	10 42.14	+36 16.6	3.141	4.052	6.2	21.8
3 2	10 33.56	+36 56.5	3.150	4.039	7.1	21.8
3 12	10 25.22	+37 17.7	3.187	4.025	8.5	21.9
3 22	10 17.80	+37 19.7	3.248	4.011	10.2	22.0
4 1	10 11.86	+37 3.7	3.331	3.996	11.7	22.1

141162 2001 XL_{127} 2 26.9 343°.22 1°.4/25.6 17 R

1 22	10 57.79	+10 15.7	2.021	2.841	13.1	19.8
2 1	10 54.22	+10 52.5	1.937	2.836	9.9	19.5
2 11	10 48.63	+11 39.1	1.876	2.831	6.2	19.3
2 21	10 41.60	+12 30.7	1.843	2.827	2.4	19.1
3 2	10 33.92	+13 21.3	1.837	2.823	2.7	19.1
3 12	10 26.57	+14 4.8	1.860	2.819	6.5	19.3
3 22	10 20.40	+14 36.9	1.910	2.816	10.2	19.5
4 1	10 16.10	+14 55.0	1.982	2.813	13.5	19.7

258635 2002 ET_{31} 2 26.9 270°.28 0°.2/26.9 18

1 22	11 4.79	+ 7 46.0	1.591	2.404	16.3	20.5
2 1	11 0.19	+ 7 53.8	1.500	2.394	12.6	20.2
2 11	10 52.81	+ 8 14.7	1.431	2.383	8.1	19.9
2 21	10 43.30	+ 8 44.4	1.388	2.371	3.1	19.6
3 2	10 32.75	+ 9 17.3	1.372	2.360	2.2	19.5
3 12	10 22.53	+ 9 46.7	1.383	2.349	7.4	19.8
3 22	10 13.93	+10 7.1	1.420	2.338	12.2	20.0
4 1	10 7.89	+10 15.0	1.479	2.326	16.4	20.3

109772 2001 RJ_{79} 2 26.9 214°.00 4°.1/22.8 17

1 22	11 5.86	+20 14.8	2.412	3.225	11.4	20.7
2 1	11 0.09	+21 4.5	2.323	3.216	8.7	20.5
2 11	10 52.27	+21 55.7	2.261	3.207	6.0	20.3
2 21	10 42.97	+22 42.5	2.227	3.196	4.2	20.1
3 2	10 33.01	+23 18.7	2.223	3.185	5.1	20.2
3 12	10 23.35	+23 40.0	2.249	3.173	7.8	20.3
3 22	10 14.87	+23 44.3	2.302	3.161	10.8	20.5
4 1	10 8.27	+23 31.8	2.378	3.148	13.4	20.6

178911 2001 PZ_{23} 2 26.9 179°.72 3°.1/24.1 18

1 22	11 4.73	+15 58.8	2.158	2.973	12.5	21.0
2 1	10 59.32	+16 43.1	2.078	2.974	9.4	20.8
2 11	10 51.80	+17 32.0	2.023	2.975	6.1	20.6
2 21	10 42.78	+18 19.6	1.997	2.975	3.3	20.4
3 2	10 33.15	+18 59.7	2.000	2.975	4.2	20.4
3 12	10 23.91	+19 27.4	2.033	2.975	7.4	20.6
3 22	10 15.97	+19 40.0	2.092	2.973	10.7	20.8
4 1	10 10.02	+19 36.7	2.175	2.971	13.6	21.0

215535 2002 VF_{128} 2 26.9 122°.74 5°.3/21.6 18

1 22	11 5.61	+21 55.4	2.135	2.956	12.4	21.2
2 1	10 59.92	+23 13.0	2.080	2.975	9.5	21.1
2 11	10 52.11	+24 30.3	2.050	2.994	6.7	20.9
2 21	10 42.86	+25 39.4	2.049	3.011	5.3	20.9
3 2	10 33.13	+26 33.2	2.078	3.028	6.4	21.0
3 12	10 23.97	+27 7.2	2.134	3.045	8.9	21.2
3 22	10 16.25	+27 20.0	2.216	3.061	11.7	21.4
4 1	10 10.62	+27 12.9	2.320	3.075	14.1	21.6

78372 2002 PJ_{125} 2 26.9 207°.22 0°.8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
1 22	10 59.45	+ 8 35.0	2.228	3.034	12.4	20.1
2 1	10 55.27	+ 9 13.8	2.141	3.033	9.4	19.9
2 11	10 49.21	+10 2.8	2.079	3.031	6.0	19.7
2 21	10 41.81	+10 57.8	2.045	3.029	2.2	19.4
3 2	10 33.81	+11 53.2	2.040	3.027	2.1	19.4
3 12	10 26.11	+12 43.3	2.064	3.024	5.9	19.6
3 22	10 19.50	+13 23.7	2.116	3.022	9.4	19.9
4 1	10 14.64	+13 51.4	2.192	3.019	12.5	20.0

161599 2005 SB_{153} 2 26.9 239°.81 0°.4/26.7 18

1 22	11 3.65	+ 6 25.6	1.601	2.413	16.3	21.2
2 1	10 59.34	+ 7 3.7	1.509	2.402	12.6	20.9
2 11	10 52.29	+ 7 58.9	1.439	2.390	8.1	20.6
2 21	10 43.12	+ 9 6.4	1.394	2.378	3.0	20.3
3 2	10 32.88	+10 18.2	1.377	2.365	2.4	20.2
3 12	10 22.93	+11 25.5	1.388	2.352	7.6	20.5
3 22	10 14.52	+12 20.6	1.424	2.338	12.5	20.8
4 1	10 8.63	+12 58.9	1.483	2.324	16.7	21.0

332548 2008 QP_{24} 2 26.9 222°.30 1°.7/28.9 17

1 22	10 59.12	− 0 2.0	2.401	3.172	12.7	21.5
2 1	10 54.96	+ 0 28.3	2.299	3.164	10.0	21.3
2 11	10 49.01	+ 1 14.4	2.220	3.155	6.9	21.0
2 21	10 41.74	+ 2 13.7	2.169	3.145	3.5	20.8
3 2	10 33.85	+ 3 22.1	2.148	3.135	1.9	20.7
3 12	10 26.14	+ 4 33.6	2.156	3.124	5.0	20.9
3 22	10 19.39	+ 5 42.6	2.194	3.113	8.4	21.1
4 1	10 14.23	+ 6 43.9	2.258	3.102	11.6	21.2

342962 2009 BU_{6} 2 26.9 357°.94 4°.5/ 1.6 18

1 22	10 57.33	− 3 26.2	1.710	2.492	16.7	20.0
2 1	10 54.22	− 3 49.8	1.625	2.488	13.5	19.8
2 11	10 48.82	− 3 53.3	1.560	2.486	9.9	19.6
2 21	10 41.73	− 3 37.1	1.519	2.484	6.3	19.4
3 2	10 33.86	− 3 3.7	1.504	2.484	4.5	19.3
3 12	10 26.34	− 2 18.7	1.516	2.484	6.6	19.4
3 22	10 20.17	− 1 29.0	1.553	2.485	10.3	19.6
4 1	10 16.13	− 0 41.4	1.613	2.488	13.9	19.8

411281 2010 SY_{29} 2 26.9 275°.30 1°.5/25.9 18

1 22	11 4.93	+10 58.0	1.648	2.467	15.5	20.8
2 1	11 0.20	+11 14.5	1.559	2.457	11.9	20.5
2 11	10 52.77	+11 41.0	1.492	2.446	7.6	20.3
2 21	10 43.28	+12 12.3	1.452	2.436	2.9	19.9
3 2	10 32.81	+12 42.1	1.439	2.425	3.0	19.9
3 12	10 22.72	+13 4.1	1.453	2.414	7.7	20.2
3 22	10 14.22	+13 13.8	1.494	2.404	12.3	20.4
4 1	10 8.22	+13 9.2	1.556	2.393	16.3	20.6

208396 2001 SZ_{182} 2 26.9 145°.92 0°.4/26.5 17

1 22	10 59.58	+ 8 3.6	2.853	3.645	10.4	22.0
2 1	10 54.89	+ 8 35.5	2.772	3.655	7.8	21.9
2 11	10 48.73	+ 9 15.2	2.716	3.665	4.9	21.7
2 21	10 41.57	+ 9 59.3	2.690	3.674	1.8	21.5
3 2	10 34.02	+10 43.9	2.695	3.682	1.5	21.5
3 12	10 26.75	+11 24.8	2.730	3.690	4.6	21.7
3 22	10 20.36	+11 59.0	2.795	3.698	7.5	21.9
4 1	10 15.35	+12 24.0	2.885	3.705	10.0	22.1

9136 Lalande 2 27.0 198°.87 3°.0/24.4 18

1 22	11 5.23	+14 57.8	1.973	2.790	13.4	18.3
2 1	10 59.95	+15 43.2	1.890	2.788	10.2	18.1
2 11	10 52.35	+16 34.8	1.832	2.784	6.5	17.8
2 21	10 43.06	+17 26.5	1.801	2.781	3.4	17.6
3 2	10 33.03	+18 11.3	1.799	2.776	4.2	17.7
3 12	10 23.40	+18 43.2	1.826	2.772	7.8	17.9
3 22	10 15.16	+18 59.2	1.880	2.766	11.5	18.1
4 1	10 9.09	+18 58.2	1.956	2.760	14.7	18.3

365143 2009 DD_{56} 2 27.0 24°.03 2°.5/25.4 18

1 22	11 1.90	+11 36.3	1.218	2.062	18.3	20.8
2 1	10 58.39	+12 10.4	1.157	2.069	13.9	20.6
2 11	10 51.76	+12 57.0	1.117	2.076	8.7	20.3
2 21	10 42.90	+13 48.4	1.100	2.084	3.6	20.0
3 2	10 33.17	+14 34.8	1.108	2.093	4.1	20.1
3 12	10 24.22	+15 7.9	1.141	2.103	9.2	20.4
3 22	10 17.37	+15 22.6	1.197	2.113	14.1	20.7
4 1	10 13.49	+15 17.6	1.272	2.124	18.3	21.0

419749 2010 VA_{86} 2 27.0 45°.50 4°.1/23.9 18

1 22	11 2.76	+15 46.8	1.474	2.313	16.0	20.7
2 1	10 58.49	+16 41.5	1.419	2.328	12.0	20.5
2 11	10 51.53	+17 42.5	1.387	2.343	7.7	20.3
2 21	10 42.73	+18 41.2	1.380	2.359	4.3	20.1
3 2	10 33.31	+19 28.6	1.399	2.375	5.4	20.2
3 12	10 24.65	+19 58.1	1.445	2.392	9.3	20.5
3 22	10 17.83	+20 7.1	1.514	2.409	13.2	20.8
4 1	10 13.61	+19 55.8	1.605	2.426	16.6	21.0