523090 2016 RF_{47} 8 24.9 294.°87 2.°1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 38.65	−13 5.2	1.707	2.577	14.4	21.5
7 30	22 34.84	−13 51.6	1.625	2.563	10.9	21.3
8 9	22 28.77	−14 48.3	1.564	2.549	6.9	21.0
8 19	22 21.00	−15 49.7	1.528	2.535	2.9	20.7
8 29	22 12.41	−16 48.6	1.518	2.521	3.5	20.7
9 8	22 4.12	−17 38.1	1.535	2.507	7.7	21.0
9 18	21 57.18	−18 13.2	1.576	2.494	11.8	21.2
9 28	21 52.44	−18 31.1	1.638	2.480	15.5	21.4

342348 2008 TN_{162} 8 24.9 329.°28 0.°3/25.2 18

7 20	22 34.87	− 6 44.6	1.367	2.240	17.1	20.5
7 30	22 32.41	− 7 20.8	1.287	2.225	13.2	20.3
8 9	22 27.45	− 8 16.1	1.227	2.211	8.6	20.0
8 19	22 20.55	− 9 26.0	1.190	2.197	3.4	19.6
8 29	22 12.71	−10 42.9	1.176	2.185	2.1	19.5
9 8	22 5.20	−11 57.4	1.188	2.173	7.5	19.8
9 18	21 59.22	−13 1.2	1.222	2.162	12.6	20.1
9 28	21 55.74	−13 48.0	1.277	2.152	16.9	20.3

342233 2008 SW_{269} 8 24.9 36.°10 9.°7/ 2.2 17

7 20	22 39.94	+13 30.2	1.696	2.452	19.2	20.1
7 30	22 35.76	+14 31.2	1.621	2.455	16.7	19.9
8 9	22 29.33	+15 6.9	1.564	2.458	14.0	19.7
8 19	22 21.20	+15 13.8	1.526	2.461	11.4	19.6
8 29	22 12.30	+14 51.0	1.511	2.465	9.8	19.5
9 8	22 3.76	+14 2.1	1.519	2.468	10.0	19.5
9 18	21 56.60	+12 53.7	1.551	2.472	11.8	19.6
9 28	21 51.68	+11 34.9	1.606	2.476	14.3	19.8

35334 Yarkovsky 8 24.9 251.°12 0.°7/24.3 18

7 20	22 37.14	−10 8.9	2.215	3.067	12.2	19.1
7 30	22 33.08	−10 47.8	2.136	3.064	9.2	18.9
8 9	22 27.33	−11 36.1	2.080	3.061	5.8	18.7
8 19	22 20.37	−12 29.7	2.050	3.058	2.1	18.4
8 29	22 12.88	−13 23.7	2.048	3.055	1.9	18.4
9 8	22 5.68	−14 13.0	2.074	3.051	5.6	18.7
9 18	21 59.51	−14 53.6	2.127	3.048	9.1	18.9
9 28	21 55.00	−15 22.5	2.204	3.045	12.1	19.1

152055 2004 PN_{54} 8 24.9 44.°53 1.°7/26.2 18

7 20	22 40.92	− 5 23.4	1.413	2.270	17.5	19.9
7 30	22 36.60	− 5 24.6	1.355	2.281	13.6	19.6
8 9	22 29.84	− 5 41.9	1.316	2.293	9.0	19.4
8 19	22 21.35	− 6 12.2	1.301	2.305	4.1	19.2
8 29	22 12.26	− 6 50.0	1.310	2.317	2.3	19.1
9 8	22 3.81	− 7 29.0	1.344	2.330	6.7	19.4
9 18	21 57.07	− 8 3.3	1.403	2.343	11.2	19.7
9 28	21 52.83	− 8 28.3	1.483	2.357	15.1	20.0

26079 1979 MW_6 8 24.9 54.°39 1.°1/25.9 18

7 20	22 38.41	− 5 16.8	1.821	2.666	14.7	19.3
7 30	22 34.32	− 5 39.0	1.749	2.669	11.4	19.0
8 9	22 28.24	− 6 15.4	1.698	2.673	7.5	18.8
8 19	22 20.73	− 7 2.9	1.671	2.676	3.3	18.6
8 29	22 12.65	− 7 56.2	1.672	2.680	1.7	18.5
9 8	22 4.96	− 8 49.5	1.699	2.683	5.8	18.8
9 18	21 58.55	− 9 37.2	1.752	2.687	9.8	19.0
9 28	21 54.12	−10 15.1	1.829	2.690	13.2	19.2

485780 2012 CL_{52} 8 25.0 293.°47 0.°3/24.6 18

7 20	22 34.69	− 6 52.8	2.169	3.017	12.6	20.6
7 30	22 31.34	− 8 0.3	2.082	3.007	9.6	20.4
8 9	22 26.30	− 9 21.9	2.017	2.997	6.1	20.2
8 19	22 20.00	−10 53.3	1.980	2.987	2.3	19.9
8 29	22 13.11	−12 27.9	1.971	2.978	1.8	19.9
9 8	22 6.44	−13 58.8	1.990	2.968	5.7	20.1
9 18	22 0.73	−15 19.8	2.036	2.959	9.3	20.3
9 28	21 56.66	−16 26.4	2.107	2.949	12.5	20.5

38905 2000 SW_{167} 8 25.0 327.°14 1.°9/26.4 18

7 20	22 40.11	− 4 59.4	1.588	2.437	16.3	19.1
7 30	22 35.96	− 4 58.4	1.511	2.433	12.7	18.9
8 9	22 29.48	− 5 12.4	1.454	2.428	8.6	18.6
8 19	22 21.26	− 5 39.2	1.421	2.424	4.1	18.4
8 29	22 12.28	− 6 14.5	1.413	2.421	2.3	18.2
9 8	22 3.70	− 6 52.4	1.432	2.417	6.5	18.5
9 18	21 56.59	− 7 27.2	1.475	2.414	10.9	18.7
9 28	21 51.79	− 7 54.3	1.540	2.411	14.8	19.0

210647 2000 HZ_{61} 8 25.0 172.°25 3.°5/21.4 18

7 20	22 41.67	−20 10.0	2.386	3.246	11.2	20.9
7 30	22 36.37	−20 57.3	2.318	3.249	8.4	20.8
8 9	22 29.34	−21 46.0	2.273	3.251	5.6	20.6
8 19	22 21.11	−22 31.2	2.256	3.253	3.6	20.5
8 29	22 12.42	−23 7.8	2.267	3.255	4.4	20.5
9 8	22 4.10	−23 32.0	2.306	3.256	7.0	20.7
9 18	21 56.90	−23 41.7	2.372	3.256	9.8	20.9
9 28	21 51.44	−23 36.9	2.460	3.256	12.3	21.1

90890 1997 AT_{12} 8 25.0 280.°27 0.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.28	− 8 46.7	1.820	2.671	14.5	18.9
7 30	22 36.80	− 9 0.0	1.722	2.648	11.2	18.7
8 9	22 30.04	− 9 24.6	1.646	2.625	7.3	18.4
8 19	22 21.52	− 9 57.7	1.595	2.602	2.9	18.1
8 29	22 12.08	−10 34.5	1.571	2.579	1.8	18.0
9 8	22 2.80	−11 9.4	1.573	2.555	6.5	18.2
9 18	21 54.75	−11 37.7	1.602	2.531	10.9	18.4
9 28	21 48.83	−11 55.5	1.653	2.507	14.8	18.6

337168 1999 VF_{14} 8 25.0 321.°18 23.°4/ 7.3 17

7 20	23 1.54	−53 39.4	0.966	1.812	24.6	19.5
7 30	22 56.11	−55 50.0	0.937	1.801	23.7	19.4
8 9	22 44.06	−57 23.0	0.922	1.791	23.5	19.3
8 19	22 27.04	−57 58.5	0.920	1.781	24.0	19.3
8 29	22 8.67	−57 23.2	0.931	1.772	25.1	19.3
9 8	21 53.03	−55 38.0	0.955	1.764	26.8	19.4
9 18	21 42.72	−52 54.8	0.992	1.757	28.6	19.6
9 28	21 38.53	−49 30.0	1.039	1.750	30.3	19.7

184459 2005 NH_{80} 8 25.0 344.°96 4.°7/22.3 17

7 20	22 41.79	−19 7.4	1.215	2.108	17.4	19.5
7 30	22 37.95	−19 38.9	1.152	2.101	13.3	19.2
8 9	22 31.07	−20 14.6	1.108	2.095	8.8	18.9
8 19	22 21.93	−20 46.4	1.086	2.089	5.0	18.7
8 29	22 11.87	−21 5.7	1.087	2.085	6.0	18.7
9 8	22 2.50	−21 6.4	1.112	2.081	10.4	19.0
9 18	21 55.20	−20 46.4	1.158	2.078	15.0	19.2
9 28	21 50.95	−20 6.7	1.223	2.076	19.0	19.5

247158 2000 YW_{38} 8 25.0 313.°13 2.°1/23.5 18

7 20	22 36.88	−11 9.1	1.212	2.100	17.8	19.5
7 30	22 34.37	−12 0.9	1.132	2.080	13.6	19.1
8 9	22 28.96	−13 10.4	1.072	2.061	8.7	18.8
8 19	22 21.22	−14 30.8	1.033	2.042	3.4	18.5
8 29	22 12.28	−15 51.8	1.018	2.023	3.9	18.4
9 8	22 3.65	−17 2.5	1.026	2.005	9.5	18.7
9 18	21 56.77	−17 54.3	1.056	1.988	14.9	18.9
9 28	21 52.84	−18 22.5	1.105	1.972	19.6	19.2

114422 2002 YL_{33} 8 25.0 260.°97 2.°4/26.6 18

7 20	22 42.82	− 4 24.8	1.611	2.453	16.5	20.1
7 30	22 38.06	− 4 13.5	1.529	2.446	13.0	19.8
8 9	22 30.87	− 4 16.8	1.467	2.438	8.8	19.6
8 19	22 21.84	− 4 33.2	1.429	2.430	4.5	19.3
8 29	22 11.95	− 4 59.0	1.416	2.422	2.6	19.2
9 8	22 2.42	− 5 29.2	1.430	2.414	6.6	19.4
9 18	21 54.37	− 5 58.3	1.469	2.406	11.0	19.6
9 28	21 48.70	− 6 21.6	1.530	2.398	15.0	19.9

512931 2017 AR_6 8 25.0 331.°85 2.°6/22.2 18

7 20	22 36.72	−16 10.7	2.292	3.157	11.4	20.7
7 30	22 32.74	−17 2.1	2.219	3.155	8.5	20.5
8 9	22 27.11	−17 58.4	2.170	3.153	5.4	20.3
8 19	22 20.30	−18 55.0	2.148	3.152	2.8	20.1
8 29	22 13.01	−19 46.3	2.153	3.150	3.6	20.2
9 8	22 6.03	−20 27.7	2.187	3.149	6.5	20.4
9 18	22 0.07	−20 56.1	2.246	3.147	9.6	20.6
9 28	21 55.74	−21 10.0	2.328	3.146	12.3	20.8

261969 2006 PP_{33} 8 25.0 346.°47 5.°1/27.9 18

7 20	22 38.18	− 1 10.1	1.119	1.982	20.7	19.7
7 30	22 35.35	− 0 28.4	1.049	1.974	16.7	19.4
8 9	22 29.54	− 0 8.1	0.997	1.967	12.1	19.1
8 19	22 21.42	− 0 9.9	0.964	1.961	7.4	18.8
8 29	22 12.23	− 0 31.4	0.953	1.956	5.1	18.7
9 8	22 3.53	− 1 6.4	0.965	1.952	8.4	18.9
9 18	21 56.74	− 1 46.9	0.997	1.949	13.3	19.1
9 28	21 52.98	− 2 24.4	1.050	1.948	17.9	19.4

149288 2002 TD_{211} 8 25.0 251.°44 0.°9/24.2 18

7 20	22 41.80	−10 25.5	1.819	2.674	14.3	21.0
7 30	22 37.17	−11 2.9	1.728	2.657	10.9	20.8
8 9	22 30.27	−11 52.1	1.659	2.640	7.0	20.5
8 19	22 21.62	−12 48.6	1.615	2.622	2.6	20.2
8 29	22 12.10	−13 46.0	1.598	2.604	2.4	20.2
9 8	22 2.80	−14 37.9	1.609	2.586	6.9	20.4
9 18	21 54.77	−15 18.8	1.645	2.566	11.2	20.6
9 28	21 48.90	−15 45.4	1.704	2.547	15.0	20.8

97237 1999 XT_{77} 8 25.0 197.°10 1.°7/26.9 18

7 20	22 36.86	− 2 51.1	2.709	3.526	11.2	19.9
7 30	22 32.57	− 3 6.0	2.622	3.524	8.8	19.7
8 9	22 26.88	− 3 31.8	2.558	3.522	6.0	19.5
8 19	22 20.20	− 4 6.8	2.520	3.519	3.1	19.4
8 29	22 13.10	− 4 48.1	2.511	3.516	1.8	19.3
9 8	22 6.21	− 5 32.0	2.530	3.513	4.3	19.4
9 18	22 0.14	− 6 14.7	2.578	3.510	7.2	19.6
9 28	21 55.40	− 6 52.9	2.652	3.506	9.9	19.8

490785 2010 UO_{81} 8 25.0 271°.81 0°.0/25.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 31.13	− 9 14.8	4.474	5.306	6.9	21.8
7 30	22 27.78	− 9 32.1	4.381	5.298	5.2	21.7
8 9	22 23.62	− 9 53.8	4.314	5.290	3.3	21.5
8 19	22 18.92	−10 18.4	4.275	5.282	1.3	21.3
8 29	22 13.98	−10 44.0	4.266	5.273	0.8	21.3
9 8	22 9.15	−11 8.7	4.286	5.265	2.9	21.5
9 18	22 4.77	−11 30.8	4.335	5.256	4.8	21.6
9 28	22 1.15	−11 48.6	4.411	5.248	6.6	21.7

107197 2001 BG_{31} 8 25.0 158°.75 1°.0/25.9 18

7 20	22 40.30	− 5 44.4	2.078	2.914	13.5	20.6
7 30	22 35.52	− 6 4.7	2.002	2.918	10.4	20.4
8 9	22 28.92	− 6 37.3	1.949	2.922	6.8	20.2
8 19	22 21.02	− 7 18.9	1.921	2.925	3.0	20.0
8 29	22 12.58	− 8 5.5	1.921	2.928	1.6	19.9
9 8	22 4.51	− 8 51.8	1.949	2.931	5.3	20.1
9 18	21 57.58	− 9 33.3	2.004	2.934	9.0	20.4
9 28	21 52.48	−10 6.3	2.083	2.936	12.2	20.6

218977 2008 FD_{117} 8 25.0 129°.14 1°.2/24.1 17

7 20	22 43.16	−11 13.5	1.722	2.579	14.9	21.3
7 30	22 37.99	−11 50.3	1.658	2.589	11.2	21.1
8 9	22 30.61	−12 37.1	1.617	2.599	7.0	20.8
8 19	22 21.67	−13 28.7	1.600	2.608	2.6	20.6
8 29	22 12.17	−14 18.5	1.611	2.617	2.6	20.6
9 8	22 3.21	−15 0.6	1.649	2.625	6.9	20.9
9 18	21 55.76	−15 30.9	1.712	2.633	10.9	21.2
9 28	21 50.55	−15 47.0	1.798	2.640	14.3	21.4

267292 2001 SN_{138} 8 25.0 329°.82 2°.5/23.5 18

7 20	22 43.26	−15 15.8	1.466	2.341	16.0	20.2
7 30	22 38.58	−15 35.2	1.396	2.336	12.2	20.0
8 9	22 31.26	−16 1.4	1.347	2.332	7.7	19.7
8 19	22 22.00	−16 28.7	1.321	2.328	3.4	19.5
8 29	22 11.94	−16 50.5	1.321	2.324	3.8	19.5
9 8	22 2.44	−17 1.4	1.346	2.321	8.3	19.7
9 18	21 54.68	−16 58.3	1.395	2.318	12.7	20.0
9 28	21 49.56	−16 40.2	1.465	2.315	16.6	20.2

63232 2001 BK_{15} 8 25.0 177°.03 0°.6/24.4 18

7 20	22 38.91	−11 8.1	2.557	3.402	11.0	19.7
7 30	22 34.17	−11 28.9	2.479	3.403	8.3	19.5
8 9	22 27.92	−11 56.1	2.424	3.403	5.2	19.3
8 19	22 20.61	−12 26.7	2.396	3.404	1.9	19.1
8 29	22 12.88	−12 57.3	2.398	3.404	1.7	19.1
9 8	22 5.44	−13 24.1	2.428	3.404	4.9	19.3
9 18	21 58.93	−13 44.3	2.485	3.404	8.0	19.5
9 28	21 53.91	−13 56.1	2.568	3.404	10.7	19.7

239200 Luoyang 8 25.0 52°.54 0°.6/25.5 17

7 20	22 40.51	− 7 38.3	1.632	2.487	15.6	20.1
7 30	22 36.00	− 7 52.2	1.574	2.502	11.9	19.9
8 9	22 29.33	− 8 18.7	1.538	2.516	7.7	19.7
8 19	22 21.19	− 8 53.9	1.525	2.531	3.1	19.4
8 29	22 12.55	− 9 32.5	1.539	2.547	1.8	19.4
9 8	22 4.49	−10 8.9	1.579	2.562	6.2	19.7
9 18	21 57.95	−10 38.3	1.644	2.578	10.3	20.0
9 28	21 53.61	−10 57.5	1.732	2.594	13.9	20.3

266274 2007 AH_{20} 8 25.0 145°.17 1°.9/23.4 18

7 20	22 42.58	−13 11.0	1.812	2.673	14.1	20.7
7 30	22 37.50	−13 56.2	1.747	2.680	10.6	20.5
8 9	22 30.29	−14 49.7	1.703	2.686	6.7	20.3
8 19	22 21.57	−15 45.9	1.686	2.692	2.8	20.1
8 29	22 12.28	−16 38.1	1.695	2.698	3.2	20.1
9 8	22 3.47	−17 20.6	1.732	2.704	7.1	20.4
9 18	21 56.09	−17 49.5	1.795	2.709	10.9	20.6
9 28	21 50.86	−18 3.1	1.880	2.713	14.2	20.8

319071 2005 WT_{54} 8 25.0 219°.84 4°.9/18.4 18

7 20	22 38.33	−25 22.7	2.765	3.628	9.7	20.9
7 30	22 33.85	−26 41.7	2.692	3.620	7.6	20.8
8 9	22 27.79	−28 0.2	2.645	3.612	5.6	20.7
8 19	22 20.60	−29 12.6	2.626	3.603	4.9	20.6
8 29	22 12.90	−30 13.5	2.634	3.594	5.8	20.6
9 8	22 5.42	−30 58.8	2.671	3.585	7.8	20.8
9 18	21 58.83	−31 26.4	2.732	3.575	10.0	20.9
9 28	21 53.75	−31 36.3	2.816	3.565	12.1	21.0

506827 2007 TK_{56} 8 25.0 295°.21 2°.9/23.2 17

7 20	22 42.46	−14 40.0	1.308	2.189	17.2	22.3
7 30	22 38.61	−15 13.5	1.222	2.166	13.2	22.0
8 9	22 31.72	−15 57.7	1.156	2.142	8.5	21.7
8 19	22 22.35	−16 46.1	1.112	2.119	3.8	21.3
8 29	22 11.67	−17 30.0	1.092	2.095	4.5	21.3
9 8	22 1.24	−18 1.0	1.097	2.072	9.6	21.5
9 18	21 52.60	−18 13.7	1.124	2.049	14.9	21.7
9 28	21 46.96	−18 5.9	1.170	2.026	19.5	22.0

450150 1999 VA_{119} 8 25.0 4°.84 1°.7/23.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 38.47	−13 58.4	1.614	2.489	14.8	20.7
7 30	22 34.64	−14 14.6	1.548	2.489	11.2	20.5
8 9	22 28.58	−14 37.8	1.504	2.490	7.0	20.3
8 19	22 20.94	−15 3.3	1.484	2.492	2.8	20.0
8 29	22 12.70	−15 25.7	1.490	2.495	3.0	20.1
9 8	22 4.98	−15 40.1	1.521	2.498	7.2	20.3
9 18	21 58.75	−15 43.2	1.577	2.503	11.3	20.6
9 28	21 54.74	−15 33.6	1.654	2.508	14.8	20.8

231408 2007 AO_{30} 8 25.0 205°.72 4°.9/29.2 18

7 20	22 39.78	+ 4 2.7	1.753	2.559	16.8	20.5
7 30	22 35.56	+ 4 7.6	1.672	2.558	13.8	20.2
8 9	22 29.18	+ 3 51.4	1.609	2.556	10.3	20.0
8 19	22 21.21	+ 3 14.2	1.570	2.553	6.8	19.8
8 29	22 12.50	+ 2 18.9	1.556	2.551	4.9	19.7
9 8	22 4.11	+ 1 11.4	1.568	2.548	6.7	19.8
9 18	21 57.03	− 0 1.1	1.606	2.545	10.1	20.0
9 28	21 52.05	− 1 11.1	1.667	2.542	13.6	20.2

22412 1995 UQ_{4} 8 25.0 327°.93 13°.2/15.1 18

7 20	22 42.20	−34 48.0	1.162	2.056	18.0	16.0
7 30	22 39.06	−36 32.0	1.106	2.038	15.4	15.8
8 9	22 32.24	−38 5.5	1.068	2.020	13.5	15.7
8 19	22 22.55	−39 13.4	1.049	2.004	13.3	15.6
8 29	22 11.61	−39 42.7	1.051	1.988	15.0	15.6
9 8	22 1.46	−39 27.2	1.072	1.973	17.8	15.8
9 18	21 53.85	−38 28.8	1.110	1.960	21.0	15.9
9 28	21 49.93	−36 54.2	1.163	1.948	23.9	16.1

44287 1998 QO_{85} 8 25.0 44°.87 4°.8/28.2 18

7 20	22 43.82	− 0 2.7	1.568	2.393	17.6	17.7
7 30	22 38.61	+ 0 45.7	1.506	2.406	14.2	17.5
8 9	22 31.07	+ 1 17.2	1.463	2.420	10.3	17.3
8 19	22 21.89	+ 1 31.3	1.444	2.434	6.6	17.1
8 29	22 12.12	+ 1 29.6	1.451	2.448	4.8	17.1
9 8	22 2.95	+ 1 16.2	1.483	2.463	7.0	17.2
9 18	21 55.39	+ 0 56.1	1.540	2.478	10.6	17.5
9 28	21 50.23	+ 0 34.9	1.619	2.493	14.0	17.7

123607 2000 YA_{12} 8 25.0 203°.94 4°.0/19.3 18

7 20	22 38.04	−22 58.5	2.983	3.843	9.2	20.6
7 30	22 33.48	−24 13.4	2.908	3.838	7.0	20.5
8 9	22 27.50	−25 29.0	2.860	3.832	5.0	20.3
8 19	22 20.49	−26 40.3	2.840	3.825	4.0	20.2
8 29	22 13.02	−27 42.4	2.849	3.819	4.9	20.3
9 8	22 5.75	−28 31.5	2.886	3.811	6.9	20.4
9 18	21 59.29	−29 5.2	2.950	3.804	9.1	20.6
9 28	21 54.18	−29 23.1	3.037	3.795	11.1	20.7

151504 2002 KQ_{9} 8 25.0 51°.21 0°.4/25.6 18

7 20	22 34.72	− 4 4.5	2.077	2.917	13.3	19.4
7 30	22 31.30	− 5 15.7	2.011	2.930	10.2	19.2
8 9	22 26.23	− 6 42.1	1.967	2.943	6.6	19.0
8 19	22 20.02	− 8 19.0	1.950	2.956	2.7	18.8
8 29	22 13.36	− 9 59.7	1.961	2.969	1.5	18.7
9 8	22 7.06	−11 36.7	2.001	2.983	5.3	19.0
9 18	22 1.82	−13 3.9	2.068	2.997	8.9	19.3
9 28	21 58.24	−14 16.7	2.160	3.011	11.9	19.5

172833 2005 CZ_{11} 8 25.0 235°.28 2°.4/23.3 17

7 20	22 43.83	−13 57.1	1.587	2.454	15.4	20.9
7 30	22 38.95	−14 38.0	1.509	2.446	11.7	20.6
8 9	22 31.52	−15 28.2	1.453	2.437	7.4	20.4
8 19	22 22.16	−16 21.7	1.421	2.428	3.2	20.1
8 29	22 11.91	−17 11.0	1.416	2.418	3.8	20.1
9 8	22 2.07	−17 49.1	1.436	2.408	8.2	20.4
9 18	21 53.82	−18 11.7	1.481	2.398	12.6	20.6
9 28	21 48.08	−18 16.9	1.548	2.387	16.4	20.8

161856 2007 BL_{40} 8 25.0 68°.13 0°.1/25.1 18

7 20	22 38.35	− 8 22.9	2.103	2.950	12.9	20.8
7 30	22 33.96	− 8 48.7	2.040	2.964	9.8	20.6
8 9	22 27.87	− 9 24.5	1.999	2.978	6.2	20.5
8 19	22 20.63	−10 6.4	1.985	2.991	2.4	20.2
8 29	22 12.97	−10 50.1	1.998	3.005	1.5	20.2
9 8	22 5.74	−11 30.8	2.039	3.019	5.3	20.5
9 18	21 59.65	−12 4.5	2.106	3.033	8.8	20.7
9 28	21 55.29	−12 28.6	2.198	3.047	11.8	20.9

344099 1999 TC_{25} 8 25.0 298°.73 2°.1/23.5 18

7 20	22 42.65	−14 8.8	1.718	2.583	14.6	20.9
7 30	22 38.22	−14 34.6	1.611	2.546	11.2	20.6
8 9	22 31.24	−15 9.1	1.525	2.509	7.2	20.2
8 19	22 22.15	−15 47.6	1.464	2.471	3.1	19.9
8 29	22 11.85	−16 23.7	1.430	2.433	3.5	19.8
9 8	22 1.56	−16 51.1	1.421	2.395	8.1	20.0
9 18	21 52.53	−17 5.0	1.438	2.357	12.7	20.2
9 28	21 45.86	−17 2.8	1.476	2.318	16.9	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
262267 2006 SH_{347}			8 25.0	28°.65	0°.3/25.3	18
	h m	° ′			°	m
7 20	22 38.77	− 7 59.0	1.891	2.742	14.0	21.1
7 30	22 34.57	− 8 18.8	1.818	2.744	10.7	20.9
8 9	22 28.42	− 8 49.9	1.768	2.746	6.9	20.6
8 19	22 20.88	− 9 29.0	1.742	2.749	2.7	20.4
8 29	22 12.79	−10 11.1	1.743	2.751	1.6	20.3
9 8	22 5.09	−10 51.0	1.772	2.754	5.8	20.6
9 18	21 58.63	−11 24.2	1.826	2.757	9.7	20.8
9 28	21 54.10	−11 47.5	1.904	2.760	13.0	21.1
63230 2001 BT_{14}			8 25.0	95°.62	0°.9/24.0	18
7 20	22 38.22	−11 37.6	2.369	3.220	11.6	19.9
7 30	22 33.72	−12 10.5	2.303	3.231	8.7	19.7
8 9	22 27.66	−12 50.3	2.261	3.242	5.4	19.6
8 19	22 20.54	−13 33.3	2.245	3.253	2.0	19.4
8 29	22 13.04	−14 14.9	2.258	3.264	2.0	19.4
9 8	22 5.90	−14 51.2	2.300	3.274	5.3	19.6
9 18	21 59.79	−15 19.0	2.368	3.285	8.4	19.8
9 28	21 55.25	−15 36.3	2.460	3.295	11.2	20.0
373172 2012 DO_{27}			8 25.0	91°.69	1°.6/26.4	13 C
7 20	22 41.69	− 3 13.2	1.524	2.368	17.2	21.6
7 30	22 37.03	− 3 47.7	1.468	2.386	13.3	21.4
8 9	22 30.07	− 4 40.8	1.431	2.404	8.8	21.2
8 19	22 21.52	− 5 48.3	1.418	2.421	4.1	20.9
8 29	22 12.42	− 7 3.1	1.431	2.439	2.1	20.9
9 8	22 3.94	− 8 17.1	1.471	2.456	6.4	21.2
9 18	21 57.09	− 9 23.1	1.536	2.473	10.7	21.5
9 28	21 52.60	−10 16.0	1.624	2.489	14.5	21.7
164554 2006 KU_{9}			8 25.0	120°.80	1°.8/26.8	18
7 20	22 39.57	− 2 36.1	2.071	2.896	13.9	20.7
7 30	22 34.94	− 3 2.2	2.001	2.908	10.8	20.5
8 9	22 28.54	− 3 42.9	1.954	2.921	7.3	20.3
8 19	22 20.90	− 4 35.3	1.932	2.932	3.6	20.1
8 29	22 12.81	− 5 34.8	1.937	2.944	2.0	20.0
9 8	22 5.10	− 6 36.0	1.971	2.955	5.2	20.3
9 18	21 58.56	− 7 33.4	2.032	2.966	8.7	20.5
9 28	21 53.79	− 8 22.6	2.118	2.976	11.8	20.7
4631 Yabu			8 25.0	264°.30	4°.9/21.8	18 R
7 20	22 45.54	−19 39.4	1.456	2.334	16.0	16.8
7 30	22 40.58	−20 27.1	1.380	2.321	12.2	16.6
8 9	22 32.74	−21 19.2	1.325	2.308	8.2	16.3
8 19	22 22.67	−22 7.8	1.294	2.295	5.1	16.1
8 29	22 11.59	−22 44.0	1.288	2.281	6.2	16.1
9 8	22 0.97	−23 1.0	1.307	2.267	10.2	16.3
9 18	21 52.18	−22 56.2	1.349	2.253	14.5	16.5
9 28	21 46.25	−22 29.9	1.411	2.239	18.3	16.7
451966 2014 NC_{16}			8 25.0	327°.53	6°.4/30.9	17
7 20	22 38.27	+ 8 11.3	2.220	2.989	14.8	20.7
7 30	22 34.05	+ 8 56.4	2.130	2.982	12.6	20.6
8 9	22 28.07	+ 9 24.5	2.060	2.976	10.1	20.4
8 19	22 20.77	+ 9 33.9	2.013	2.969	7.8	20.2
8 29	22 12.85	+ 9 24.9	1.991	2.963	6.5	20.1
9 8	22 5.13	+ 8 59.8	1.995	2.957	7.1	20.2
9 18	21 58.40	+ 8 22.8	2.026	2.951	9.2	20.3
9 28	21 53.34	+ 7 39.4	2.080	2.946	11.7	20.4
240960 2006 HK_{69}			8 25.0	111°.08	0°.4/25.4	17
7 20	22 41.41	− 7 3.6	2.134	2.971	13.2	21.7
7 30	22 36.20	− 7 34.7	2.073	2.991	10.0	21.5
8 9	22 29.26	− 8 16.6	2.035	3.010	6.4	21.3
8 19	22 21.15	− 9 5.5	2.023	3.029	2.6	21.1
8 29	22 12.66	− 9 56.7	2.040	3.048	1.5	21.1
9 8	22 4.63	−10 45.1	2.085	3.066	5.2	21.4
9 18	21 57.80	−11 26.7	2.158	3.083	8.7	21.6
9 28	21 52.76	−11 58.4	2.255	3.100	11.7	21.8
62473 2000 SZ_{217}			8 25.0	266°.24	5°.4/19.4	18
7 20	22 39.74	−24 37.1	2.177	3.047	11.7	19.0
7 30	22 35.26	−25 43.6	2.107	3.040	9.1	18.8
8 9	22 28.86	−26 49.6	2.061	3.033	6.6	18.7
8 19	22 21.07	−27 48.6	2.040	3.025	5.4	18.6
8 29	22 12.69	−28 34.2	2.047	3.018	6.5	18.6
9 8	22 4.65	−29 2.0	2.080	3.010	8.9	18.8
9 18	21 57.82	−29 10.2	2.138	3.002	11.6	18.9
9 28	21 52.88	−28 59.0	2.217	2.995	14.1	19.1
442731 2012 VU_{91}			8 25.0	54°.90	4°.9/29.5	17
7 20	22 37.78	+ 4 26.9	1.803	2.609	16.4	20.9
7 30	22 33.92	+ 4 29.1	1.728	2.613	13.4	20.8
8 9	22 28.07	+ 4 10.3	1.672	2.617	10.1	20.6
8 19	22 20.78	+ 3 31.0	1.639	2.622	6.7	20.4
8 29	22 12.88	+ 2 34.4	1.632	2.627	4.9	20.3
9 8	22 5.35	+ 1 26.4	1.651	2.631	6.4	20.4
9 18	21 59.07	+ 0 13.9	1.696	2.636	9.6	20.6
9 28	21 54.77	− 0 55.9	1.764	2.641	12.9	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
215109 1996 VM_{15}			8 25.0	37°.40	4°.2/28.0	17
	h m	° ′			°	m
7 20	22 39.01	+ 0 24.7	1.236	2.085	20.0	20.5
7 30	22 35.56	+ 0 26.4	1.177	2.093	16.0	20.2
8 9	22 29.43	+ 0 3.4	1.135	2.102	11.4	20.0
8 19	22 21.35	− 0 42.5	1.114	2.111	6.6	19.8
8 29	22 12.53	− 1 45.6	1.117	2.120	4.2	19.6
9 8	22 4.33	− 2 57.2	1.143	2.130	7.4	19.9
9 18	21 57.96	− 4 7.9	1.193	2.141	12.0	20.2
9 28	21 54.30	− 5 9.4	1.263	2.152	16.2	20.4
512822 2016 UL_{105}			8 25.0	64°.55	1°.9/26.7	18 R
7 20	22 39.03	− 3 40.9	1.847	2.684	14.9	21.1
7 30	22 34.76	− 3 52.0	1.776	2.691	11.6	20.9
8 9	22 28.55	− 4 17.7	1.727	2.697	7.8	20.7
8 19	22 20.94	− 4 55.6	1.703	2.704	3.8	20.5
8 29	22 12.80	− 5 41.1	1.705	2.711	2.1	20.4
9 8	22 5.06	− 6 28.9	1.734	2.719	5.6	20.6
9 18	21 58.60	− 7 13.7	1.789	2.726	9.5	20.9
9 28	21 54.10	− 7 50.8	1.868	2.733	12.8	21.1
151297 2002 CE_{52}			8 25.0	168°.01	0°.7/25.9	18
7 20	22 36.36	− 4 57.6	2.513	3.343	11.6	20.4
7 30	22 32.31	− 5 40.2	2.432	3.345	8.9	20.3
8 9	22 26.80	− 6 34.6	2.375	3.347	5.8	20.1
8 19	22 20.24	− 7 37.5	2.344	3.349	2.5	19.8
8 29	22 13.25	− 8 44.7	2.343	3.351	1.3	19.8
9 8	22 6.51	− 9 51.1	2.370	3.352	4.6	20.0
9 18	22 0.65	−10 52.2	2.426	3.353	7.8	20.2
9 28	21 56.22	−11 44.2	2.506	3.354	10.6	20.4
255396 2005 WY_{166}			8 25.0	173°.69	0°.4/25.5	18
7 20	22 37.55	− 7 4.1	2.486	3.322	11.5	22.0
7 30	22 33.21	− 7 29.4	2.406	3.323	8.8	21.8
8 9	22 27.37	− 8 4.3	2.350	3.324	5.7	21.6
8 19	22 20.46	− 8 46.0	2.320	3.325	2.3	21.4
8 29	22 13.11	− 9 30.8	2.318	3.326	1.3	21.3
9 8	22 6.03	−10 14.4	2.345	3.326	4.7	21.6
9 18	21 59.87	−10 53.1	2.400	3.326	7.9	21.8
9 28	21 55.19	−11 23.9	2.480	3.326	10.7	22.0
373702 2002 RX_{197}			8 25.0	331°.87	0°.5/24.7	17
7 20	22 35.23	− 8 58.8	1.139	2.028	18.6	20.8
7 30	22 33.20	− 9 26.2	1.064	2.011	14.4	20.5
8 9	22 28.27	−10 11.9	1.008	1.995	9.2	20.1
8 19	22 21.04	−11 11.2	0.972	1.980	3.5	19.8
8 29	22 12.68	−12 15.3	0.958	1.966	2.7	19.7
9 8	22 4.70	−13 14.2	0.968	1.953	8.7	20.0
9 18	21 58.54	−13 59.6	0.998	1.942	14.3	20.2
9 28	21 55.33	−14 25.8	1.047	1.931	19.1	20.5
296527 2009 OG_{7}			8 25.0	19°.89	2°.9/26.9	17
7 20	22 35.91	− 3 22.6	0.988	1.870	21.4	19.7
7 30	22 33.62	− 3 19.0	0.940	1.879	16.7	19.4
8 9	22 28.35	− 3 39.3	0.909	1.889	11.4	19.2
8 19	22 20.96	− 4 20.4	0.898	1.901	5.7	18.9
8 29	22 12.83	− 5 15.0	0.908	1.915	3.2	18.8
9 8	22 5.51	− 6 13.1	0.940	1.930	7.9	19.1
9 18	22 0.30	− 7 5.7	0.993	1.946	13.1	19.5
9 28	21 58.07	− 7 45.6	1.065	1.964	17.6	19.8
418222 2008 CY_{186}			8 25.0	196°.45	3°.6/22.0	17
7 20	22 45.80	−18 26.9	1.916	2.777	13.4	22.0
7 30	22 40.01	−19 15.3	1.842	2.774	10.2	21.8
8 9	22 31.97	−20 7.5	1.791	2.771	6.7	21.6
8 19	22 22.29	−20 57.4	1.766	2.767	3.9	21.4
8 29	22 11.93	−21 38.2	1.769	2.762	4.7	21.5
9 8	22 2.00	−22 4.8	1.799	2.756	8.1	21.6
9 18	21 53.50	−22 14.6	1.855	2.750	11.6	21.8
9 28	21 47.23	−22 7.3	1.933	2.743	14.7	22.0
101446 1998 VY_{47}			8 25.0	180°.54	2°.6/27.5	18
7 20	22 38.70	− 1 0.0	2.078	2.898	14.1	20.2
7 30	22 34.39	− 1 11.0	1.997	2.898	11.1	20.0
8 9	22 28.28	− 1 37.2	1.937	2.898	7.8	19.8
8 19	22 20.86	− 2 17.0	1.902	2.899	4.3	19.6
8 29	22 12.89	− 3 6.7	1.894	2.898	2.7	19.5
9 8	22 5.21	− 4 1.2	1.914	2.898	5.3	19.7
9 18	21 58.63	− 4 55.3	1.961	2.898	8.8	19.9
9 28	21 53.82	− 5 43.9	2.033	2.897	12.0	20.1
443401 2014 HY_{36}			8 25.0	72°.86	3°.4/21.8	15
7 20	22 40.64	−18 3.5	1.991	2.859	12.7	21.5
7 30	22 35.76	−18 59.9	1.944	2.881	9.5	21.4
8 9	22 29.04	−19 59.1	1.921	2.902	6.1	21.2
8 19	22 21.09	−20 55.2	1.923	2.924	3.6	21.1
8 29	22 12.78	−21 42.2	1.953	2.946	4.4	21.2
9 8	22 5.03	−22 15.5	2.010	2.967	7.4	21.4
9 18	21 58.62	−22 33.2	2.092	2.988	10.4	21.6
9 28	21 54.14	−22 34.7	2.197	3.009	13.1	21.9

304520 2006 UJ_{219} 8 25.0 284°.66 5°.7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.57	−24 10.5	1.972	2.845	12.6	20.8
7 30	22 36.13	−25 15.4	1.898	2.833	9.8	20.6
8 9	22 29.55	−26 20.6	1.847	2.821	7.1	20.4
8 19	22 21.39	−27 18.9	1.821	2.808	5.7	20.3
8 29	22 12.53	−28 3.1	1.822	2.796	6.8	20.3
9 8	22 4.02	−28 28.2	1.849	2.783	9.5	20.5
9 18	21 56.83	−28 32.2	1.899	2.771	12.5	20.7
9 28	21 51.75	−28 15.5	1.971	2.759	15.3	20.8

261302 2005 UV_{182} 8 25.0 283°.18 1°.2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.36	− 5 12.6	2.195	3.031	12.9	21.4
7 30	22 33.33	− 5 29.4	2.109	3.025	10.0	21.2
8 9	22 27.59	− 5 58.1	2.046	3.019	6.6	21.0
8 19	22 20.60	− 6 36.4	2.009	3.013	3.0	20.7
8 29	22 13.06	− 7 20.4	1.999	3.007	1.6	20.6
9 8	22 5.78	− 8 5.4	2.017	3.001	5.1	20.8
9 18	21 59.50	− 8 47.0	2.062	2.995	8.6	21.0
9 28	21 54.88	− 9 21.2	2.131	2.989	11.8	21.2

68881 2002 JH_{54} 8 25.1 57°.20 0°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.84	− 7 42.4	2.130	2.976	12.9	19.9
7 30	22 33.61	− 8 3.7	2.063	2.985	9.8	19.7
8 9	22 27.70	− 8 35.1	2.018	2.995	6.3	19.5
8 19	22 20.62	− 9 13.5	1.999	3.005	2.5	19.3
8 29	22 13.11	− 9 54.6	2.007	3.015	1.4	19.2
9 8	22 5.98	−10 33.7	2.043	3.025	5.2	19.5
9 18	21 59.96	−11 7.0	2.106	3.036	8.7	19.7
9 28	21 55.64	−11 31.4	2.193	3.046	11.7	19.9

464806 2004 RF_{72} 8 25.1 323°.79 2°.1/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 32.67	− 1 17.4	1.719	2.562	15.5	21.0
7 30	22 30.41	− 1 53.8	1.616	2.533	12.3	20.7
8 9	22 26.10	− 2 51.8	1.534	2.505	8.6	20.4
8 19	22 20.16	− 4 9.6	1.475	2.477	4.4	20.1
8 29	22 13.33	− 5 41.7	1.442	2.450	2.3	19.9
9 8	22 6.60	− 7 20.2	1.436	2.423	6.2	20.1
9 18	22 0.98	− 8 56.0	1.454	2.397	10.7	20.3
9 28	21 57.35	−10 21.1	1.495	2.372	14.8	20.5

358844 2008 FY_{57} 8 25.1 54°.73 6°.1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 35.64	+10 50.4	2.047	2.811	16.1	20.4
7 30	22 32.02	+10 42.1	1.980	2.829	13.5	20.2
8 9	22 26.71	+10 10.4	1.932	2.848	10.7	20.1
8 19	22 20.25	+ 9 15.9	1.907	2.866	7.9	19.9
8 29	22 13.36	+ 8 1.5	1.907	2.885	6.2	19.9
9 8	22 6.86	+ 6 33.1	1.934	2.904	6.6	19.9
9 18	22 1.48	+ 4 57.8	1.987	2.923	8.7	20.1
9 28	21 57.80	+ 3 23.4	2.065	2.942	11.3	20.3

211049 2002 CY_{51} 8 25.1 141°.23 0°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.69	− 9 8.6	1.544	2.400	16.4	20.5
7 30	22 39.45	− 9 29.3	1.478	2.407	12.5	20.3
8 9	22 31.73	−10 2.3	1.432	2.413	8.0	20.1
8 19	22 22.24	−10 43.3	1.411	2.418	3.0	19.8
8 29	22 12.05	−11 26.0	1.416	2.424	2.1	19.7
9 8	22 2.43	−12 4.1	1.448	2.429	7.0	20.0
9 18	21 54.49	−12 32.7	1.504	2.433	11.5	20.3
9 28	21 49.05	−12 48.7	1.583	2.437	15.3	20.6

507102 2009 HN_{93} 8 25.1 162°.07 0°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.25	− 7 54.9	2.670	3.504	10.9	22.2
7 30	22 33.64	− 8 39.2	2.592	3.510	8.3	22.1
8 9	22 27.61	− 9 32.7	2.539	3.516	5.3	21.9
8 19	22 20.58	−10 31.8	2.514	3.521	2.0	21.7
8 29	22 13.14	−11 32.5	2.518	3.525	1.4	21.6
9 8	22 5.97	−12 30.1	2.552	3.529	4.6	21.9
9 18	21 59.67	−13 20.8	2.614	3.533	7.7	22.1
9 28	21 54.77	−14 1.9	2.701	3.536	10.3	22.3

277666 2006 BN_{200} 8 25.1 308°.96 4°.9/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.66	−16 56.1	1.482	2.370	15.2	20.3
7 30	22 33.80	−18 34.4	1.406	2.354	11.5	20.0
8 9	22 28.42	−20 24.2	1.352	2.339	7.6	19.7
8 19	22 21.08	−22 15.8	1.323	2.323	5.0	19.6
8 29	22 12.77	−23 57.6	1.319	2.308	6.6	19.6
9 8	22 4.77	−25 19.5	1.339	2.294	10.5	19.8
9 18	21 58.28	−26 15.2	1.382	2.280	14.6	20.0
9 28	21 54.29	−26 42.6	1.445	2.266	18.3	20.2

169656 2002 JZ_{52} 8 25.1 181°.62 2°.9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.74	−15 50.5	1.623	2.489	15.2	20.3
7 30	22 40.26	−16 28.4	1.554	2.489	11.5	20.0
8 9	22 32.27	−17 12.8	1.507	2.490	7.3	19.8
8 19	22 22.46	−17 57.3	1.485	2.490	3.5	19.6
8 29	22 11.93	−18 34.9	1.489	2.489	4.1	19.6
9 8	22 1.94	−18 59.7	1.520	2.488	8.2	19.9
9 18	21 53.62	−19 8.8	1.576	2.487	12.3	20.1
9 28	21 47.80	−19 1.3	1.653	2.485	15.8	20.3

295991 2008 YF_{79} 8 25.1 304°.14 2°.6/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.65	− 2 29.7	1.833	2.665	15.2	20.7
7 30	22 35.39	− 2 25.7	1.752	2.661	12.0	20.5
8 9	22 29.06	− 2 36.7	1.691	2.657	8.3	20.2
8 19	22 21.23	− 3 1.3	1.655	2.654	4.5	20.0
8 29	22 12.72	− 3 36.0	1.645	2.650	2.8	19.9
9 8	22 4.54	− 4 15.9	1.662	2.647	5.9	20.1
9 18	21 57.60	− 4 55.7	1.705	2.643	9.7	20.3
9 28	21 52.68	− 5 30.5	1.771	2.640	13.3	20.5

424567 2008 FF_{95} 8 25.1 146°.81 0°.2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.02	− 7 48.6	1.866	2.711	14.4	22.0
7 30	22 37.04	− 8 32.4	1.797	2.720	11.0	21.8
8 9	22 30.02	− 9 28.8	1.751	2.729	7.0	21.6
8 19	22 21.56	−10 33.2	1.730	2.737	2.6	21.4
8 29	22 12.53	−11 39.4	1.737	2.744	1.8	21.3
9 8	22 3.94	−12 40.9	1.772	2.751	6.1	21.6
9 18	21 56.69	−13 32.6	1.833	2.757	10.1	21.9
9 28	21 51.48	−14 10.8	1.918	2.763	13.4	22.1

420877 2013 KJ_{18} 8 25.1 14°.51 6°.8/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.58	−19 48.9	0.951	1.864	19.3	19.8
7 30	22 35.25	−21 8.2	0.908	1.868	14.7	19.6
8 9	22 29.59	−22 32.8	0.883	1.873	9.9	19.3
8 19	22 21.51	−23 50.1	0.878	1.879	6.9	19.2
8 29	22 12.59	−24 46.9	0.895	1.886	8.5	19.3
9 8	22 4.62	−25 14.8	0.932	1.895	12.8	19.6
9 18	21 59.04	−25 11.7	0.988	1.905	17.2	19.9
9 28	21 56.77	−24 39.8	1.061	1.916	21.1	20.2

60056 1999 TG_{116} 8 25.1 26°.37 0°.5/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.65	− 7 50.3	1.590	2.453	15.6	18.8
7 30	22 33.94	− 8 5.3	1.534	2.465	11.9	18.6
8 9	22 28.12	− 8 32.9	1.498	2.478	7.7	18.4
8 19	22 20.84	− 9 9.4	1.486	2.493	3.1	18.2
8 29	22 13.06	− 9 49.3	1.499	2.507	1.7	18.1
9 8	22 5.83	−10 26.7	1.539	2.523	6.2	18.4
9 18	22 0.07	−10 56.8	1.603	2.539	10.4	18.7
9 28	21 56.46	−11 16.2	1.689	2.556	13.9	19.0

195431 2002 GM_{61} 8 25.1 177°.25 0°.7/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.03	−10 49.6	2.135	2.982	12.8	21.5
7 30	22 36.87	−11 17.2	2.059	2.984	9.7	21.3
8 9	22 29.85	−11 53.1	2.005	2.985	6.1	21.1
8 19	22 21.50	−12 33.6	1.978	2.986	2.3	20.8
8 29	22 12.61	−13 13.8	1.980	2.986	2.0	20.8
9 8	22 4.07	−13 49.0	2.009	2.986	5.8	21.1
9 18	21 56.71	−14 15.8	2.066	2.985	9.4	21.3
9 28	21 51.18	−14 31.6	2.147	2.984	12.5	21.5

478026 2011 SE_{217} 8 25.1 325°.94 2°.5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.58	−16 1.2	1.600	2.474	15.0	20.6
7 30	22 37.25	−16 15.5	1.521	2.461	11.4	20.4
8 9	22 30.45	−16 35.2	1.464	2.449	7.3	20.1
8 19	22 21.82	−16 55.2	1.430	2.437	3.3	19.8
8 29	22 12.38	−17 9.7	1.423	2.425	3.7	19.8
9 8	22 3.34	−17 13.9	1.441	2.415	7.9	20.1
9 18	21 55.85	−17 4.9	1.483	2.404	12.2	20.3
9 28	21 50.78	−16 41.9	1.546	2.395	15.9	20.5

45191 1999 XU_{163} 8 25.1 171°.86 4°.5/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.61	−23 37.8	2.675	3.540	9.9	18.9
7 30	22 33.31	−24 56.7	2.611	3.542	7.6	18.8
8 9	22 27.49	−26 15.8	2.572	3.543	5.5	18.6
8 19	22 20.58	−27 29.3	2.561	3.545	4.5	18.6
8 29	22 13.22	−28 31.8	2.578	3.546	5.5	18.7
9 8	22 6.13	−29 19.4	2.623	3.547	7.6	18.8
9 18	21 59.97	−29 49.8	2.693	3.547	9.8	18.9
9 28	21 55.31	−30 2.7	2.786	3.547	11.9	19.1

39196 2000 WN_{191} 8 25.1 22°.53 1°.2/24.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.10	− 9 38.4	1.379	2.255	16.8	18.6
7 30	22 33.95	−10 30.8	1.319	2.260	12.7	18.3
8 9	22 28.35	−11 38.2	1.280	2.266	8.0	18.1
8 19	22 21.00	−12 53.9	1.264	2.272	3.0	17.8
8 29	22 12.97	−14 9.1	1.273	2.280	2.8	17.8
9 8	22 5.50	−15 15.2	1.307	2.287	7.7	18.1
9 18	21 59.67	−16 5.6	1.365	2.295	12.3	18.4
9 28	21 56.28	−16 37.0	1.443	2.304	16.1	18.7

146719 2001 WQ_{83} 8 25.1 96°.61 1°.7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.77	−13 17.1	2.068	2.929	12.6	20.4
7 30	22 34.49	−13 57.6	1.996	2.929	9.5	20.2
8 9	22 28.37	−14 45.4	1.946	2.929	6.0	19.9
8 19	22 20.95	−15 35.9	1.923	2.930	2.5	19.7
8 29	22 13.00	−16 23.5	1.927	2.930	2.8	19.8
9 8	22 5.41	−17 3.2	1.959	2.931	6.4	20.0
9 18	21 58.97	−17 31.4	2.017	2.931	9.8	20.2
9 28	21 54.34	−17 46.2	2.098	2.932	12.9	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
26320 1998 UD_{27}			8 25.1 291°.62		3°.4/22.0 18	
	h m	° ′			°	m
7 20	22 39.20	−16 41.0	1.813	2.686	13.5	18.9
7 30	22 35.21	−17 36.6	1.735	2.674	10.2	18.7
8 9	22 29.05	−18 38.9	1.679	2.663	6.6	18.5
8 19	22 21.28	−19 41.7	1.648	2.652	3.6	18.2
8 29	22 12.77	−20 37.7	1.644	2.641	4.6	18.3
9 8	22 4.58	−21 20.6	1.667	2.629	8.1	18.5
9 18	21 57.69	−21 46.5	1.714	2.618	11.8	18.7
9 28	21 52.93	−21 53.8	1.782	2.607	15.1	18.9
509147 2006 BF_{116}			8 25.1 222°.51		0°.1/25.0 18	
7 20	22 39.66	− 7 33.8	2.013	2.858	13.5	22.9
7 30	22 35.29	− 8 16.1	1.928	2.851	10.4	22.7
8 9	22 28.98	− 9 11.2	1.865	2.843	6.7	22.4
8 19	22 21.23	−10 15.2	1.828	2.835	2.6	22.2
8 29	22 12.81	−11 22.4	1.819	2.827	1.7	22.1
9 8	22 4.65	−12 26.6	1.838	2.818	5.9	22.3
9 18	21 57.62	−13 22.3	1.884	2.809	9.8	22.6
9 28	21 52.47	−14 5.5	1.953	2.799	13.2	22.8
298723 2004 FS_{93}			8 25.1 147°.10		3°.0/21.9 18	
7 20	22 41.90	−19 11.9	2.544	3.399	10.7	21.6
7 30	22 36.46	−19 54.2	2.479	3.409	8.0	21.4
8 9	22 29.42	−20 38.2	2.440	3.418	5.3	21.2
8 19	22 21.31	−21 19.2	2.427	3.427	3.2	21.1
8 29	22 12.80	−21 52.9	2.444	3.435	3.9	21.2
9 8	22 4.68	−22 15.7	2.490	3.443	6.4	21.4
9 18	21 57.62	−22 25.9	2.562	3.450	9.1	21.5
9 28	21 52.18	−22 23.1	2.658	3.457	11.5	21.7
514930 2008 UH_{246}			8 25.1 292°.59		2°.9/22.6 18	
7 20	22 39.05	−14 35.8	1.680	2.553	14.4	21.2
7 30	22 35.31	−15 31.4	1.596	2.536	10.9	20.9
8 9	22 29.25	−16 36.9	1.534	2.519	7.0	20.7
8 19	22 21.40	−17 46.0	1.497	2.503	3.4	20.4
8 29	22 12.68	−18 50.6	1.486	2.486	4.2	20.4
9 8	22 4.22	−19 43.5	1.501	2.469	8.3	20.6
9 18	21 57.13	−20 19.4	1.540	2.452	12.4	20.8
9 28	21 52.29	−20 36.0	1.600	2.436	16.1	21.0
252169 2001 DH_{2}			8 25.1 180°.59		0°.2/24.9 18	
7 20	22 36.86	− 8 31.1	2.622	3.461	10.9	20.9
7 30	22 32.67	− 9 9.0	2.541	3.462	8.3	20.7
8 9	22 27.06	− 9 55.7	2.484	3.462	5.3	20.5
8 19	22 20.42	−10 48.0	2.455	3.462	2.0	20.3
8 29	22 13.37	−11 41.9	2.454	3.462	1.4	20.2
9 8	22 6.55	−12 32.8	2.483	3.461	4.7	20.5
9 18	22 0.59	−13 17.3	2.539	3.460	7.8	20.7
9 28	21 56.03	−13 52.5	2.620	3.460	10.4	20.9
87978 2000 TG_{44}			8 25.1 7°.89		4°.0/22.1 18	
7 20	22 35.33	−14 55.8	1.178	2.077	17.4	19.1
7 30	22 33.02	−16 6.6	1.124	2.078	13.1	18.8
8 9	22 27.97	−17 28.7	1.090	2.080	8.3	18.6
8 19	22 20.91	−18 52.6	1.078	2.084	4.3	18.3
8 29	22 13.07	−20 7.1	1.089	2.088	5.6	18.4
9 8	22 5.88	−21 2.8	1.123	2.094	10.1	18.7
9 18	22 0.56	−21 34.5	1.178	2.101	14.6	19.0
9 28	21 57.99	−21 41.0	1.252	2.109	18.4	19.3
202590 2006 GT_{38}			8 25.1 121°.24		6°.2/19.8 18	
7 20	22 47.02	−27 41.7	2.045	2.906	12.7	20.2
7 30	22 40.70	−28 34.9	1.995	2.919	10.0	20.1
8 9	22 32.27	−29 23.1	1.968	2.932	7.5	19.9
8 19	22 22.43	−29 59.8	1.967	2.945	6.2	19.9
8 29	22 12.17	−30 19.1	1.993	2.957	7.2	20.0
9 8	22 2.57	−30 18.3	2.046	2.968	9.4	20.1
9 18	21 54.54	−29 57.5	2.123	2.979	12.0	20.3
9 28	21 48.73	−29 18.9	2.221	2.990	14.3	20.5
113444 2002 SH_{44}			8 25.1 65°.27		3°.7/21.8 18	
7 20	22 40.66	−18 34.8	1.881	2.752	13.2	19.6
7 30	22 36.12	−19 26.4	1.815	2.753	10.0	19.4
8 9	22 29.51	−20 21.7	1.773	2.755	6.5	19.2
8 19	22 21.43	−21 14.4	1.756	2.757	3.9	19.1
8 29	22 12.78	−21 58.1	1.766	2.759	4.8	19.2
9 8	22 4.58	−22 27.6	1.803	2.760	8.0	19.3
9 18	21 57.74	−22 40.4	1.864	2.762	11.4	19.6
9 28	21 52.98	−22 35.9	1.947	2.764	14.4	19.8
34053 Carlquines			8 25.1 313°.46		4°.7/29.3 18	
7 20	22 36.76	+ 3 39.2	1.937	2.744	15.4	18.6
7 30	22 33.19	+ 3 49.5	1.847	2.733	12.7	18.4
8 9	22 27.71	+ 3 41.0	1.777	2.723	9.5	18.2
8 19	22 20.78	+ 3 13.9	1.730	2.713	6.4	17.9
8 29	22 13.17	+ 2 30.3	1.709	2.704	4.7	17.8
9 8	22 5.77	+ 1 34.9	1.714	2.694	6.2	17.9
9 18	21 59.47	+ 0 33.6	1.745	2.685	9.4	18.1
9 28	21 55.01	− 0 26.9	1.800	2.676	12.7	18.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
479372 2013 XF_{20}			8 25.1 196°.37		1°.8/26.5 18	
	h m	° ′			°	m
7 20	22 42.35	− 4 50.3	1.935	2.768	14.5	21.3
7 30	22 37.33	− 4 46.3	1.855	2.767	11.3	21.0
8 9	22 30.28	− 4 54.6	1.796	2.766	7.6	20.8
8 19	22 21.75	− 5 13.3	1.762	2.764	3.7	20.6
8 29	22 12.59	− 5 39.2	1.756	2.762	2.1	20.5
9 8	22 3.78	− 6 7.7	1.777	2.761	5.6	20.7
9 18	21 56.21	− 6 34.5	1.825	2.758	9.5	20.9
9 28	21 50.64	− 6 55.9	1.896	2.756	12.9	21.2
399160 2014 FG_{18}			8 25.1 191°.67		1°.3/26.4 18	
7 20	22 40.07	− 4 18.9	2.287	3.112	12.8	22.1
7 30	22 35.32	− 4 38.8	2.202	3.111	9.9	21.9
8 9	22 28.87	− 5 11.0	2.140	3.109	6.6	21.7
8 19	22 21.19	− 5 52.9	2.104	3.107	3.1	21.5
8 29	22 12.97	− 6 40.9	2.097	3.104	1.7	21.4
9 8	22 5.01	− 7 30.1	2.118	3.101	5.0	21.6
9 18	21 58.06	− 8 16.1	2.167	3.097	8.4	21.8
9 28	21 52.77	− 8 55.1	2.240	3.093	11.5	22.0
178218 2006 VR_{100}			8 25.1 277°.12		0°.8/25.8 18	
7 20	22 37.18	− 5 36.9	2.066	2.907	13.4	20.5
7 30	22 33.38	− 6 8.6	1.978	2.898	10.3	20.3
8 9	22 27.76	− 6 53.6	1.913	2.888	6.8	20.0
8 19	22 20.80	− 7 49.1	1.874	2.879	2.9	19.8
8 29	22 13.22	− 8 50.1	1.861	2.869	1.5	19.6
9 8	22 5.87	− 9 50.9	1.877	2.860	5.4	19.9
9 18	21 59.57	−10 46.1	1.919	2.851	9.2	20.1
9 28	21 55.02	−11 31.3	1.985	2.841	12.6	20.3
301199 2008 YA_{172}			8 25.1 309°.50		0°.3/25.4 18	
7 20	22 36.74	− 6 21.9	1.821	2.673	14.4	20.2
7 30	22 33.27	− 7 3.7	1.740	2.666	11.1	19.9
8 9	22 27.80	− 8 0.6	1.680	2.659	7.2	19.7
8 19	22 20.83	− 9 8.5	1.645	2.652	2.9	19.4
8 29	22 13.20	−10 21.4	1.637	2.645	1.7	19.3
9 8	22 5.85	−11 32.2	1.656	2.639	6.1	19.6
9 18	21 59.70	−12 34.5	1.701	2.633	10.2	19.8
9 28	21 55.50	−13 23.7	1.768	2.626	13.8	20.0
122545 2000 QA_{225}			8 25.1 107°.48		0°.2/25.2 18	
7 20	22 41.82	− 5 38.2	1.463	2.317	17.2	19.8
7 30	22 37.35	− 6 38.1	1.404	2.331	13.1	19.5
8 9	22 30.45	− 7 56.4	1.366	2.345	8.4	19.3
8 19	22 21.84	− 9 27.0	1.352	2.359	3.3	19.0
8 29	22 12.60	−11 0.8	1.364	2.372	2.0	19.0
9 8	22 3.96	−12 28.3	1.403	2.385	7.0	19.3
9 18	21 56.99	−13 42.0	1.467	2.398	11.6	19.6
9 28	21 52.49	−14 37.3	1.553	2.410	15.4	19.9
308617 2005 WL_{144}			8 25.1 272°.57		1°.4/23.5 18	
7 20	22 36.60	−11 30.1	2.252	3.108	11.9	20.5
7 30	22 32.85	−12 26.5	2.165	3.096	9.0	20.3
8 9	22 27.39	−13 32.5	2.101	3.083	5.6	20.1
8 19	22 20.66	−14 43.5	2.063	3.071	2.2	19.9
8 29	22 13.34	−15 53.9	2.054	3.058	2.6	19.9
9 8	22 6.21	−16 57.7	2.073	3.045	6.1	20.1
9 18	22 0.05	−17 50.5	2.119	3.033	9.5	20.3
9 28	21 55.52	−18 29.0	2.188	3.020	12.5	20.4
389519 2010 GD_{146}			8 25.1 219°.74		2°.4/27.8 18	
7 20	22 37.85	+ 0 58.5	2.161	2.971	13.9	21.3
7 30	22 33.82	+ 0 16.4	2.068	2.964	11.1	21.1
8 9	22 28.02	− 0 44.4	1.998	2.956	7.8	20.9
8 19	22 20.91	− 2 1.4	1.953	2.949	4.3	20.7
8 29	22 13.18	− 3 30.0	1.936	2.940	2.5	20.5
9 8	22 5.66	− 5 3.5	1.947	2.931	5.2	20.7
9 18	21 59.13	− 6 35.1	1.987	2.922	8.7	20.9
9 28	21 54.29	− 7 58.5	2.052	2.913	12.0	21.1
368648 2005 EV_{82}			8 25.1 111°.17		0°.8/25.7 17	
7 20	22 44.15	− 6 26.6	1.593	2.440	16.4	20.9
7 30	22 38.91	− 6 48.7	1.532	2.454	12.6	20.7
8 9	22 31.36	− 7 25.3	1.492	2.469	8.2	20.5
8 19	22 22.18	− 8 12.2	1.477	2.483	3.4	20.3
8 29	22 12.43	− 9 3.5	1.488	2.496	1.8	20.2
9 8	22 3.29	− 9 52.5	1.526	2.509	6.4	20.5
9 18	21 55.76	−10 33.8	1.590	2.522	10.7	20.8
9 28	21 50.60	−11 3.5	1.676	2.534	14.4	21.1
7767 Tomatic			8 25.1 326°.73		1°.6/24.2 18	
7 20	22 42.44	−13 27.6	1.276	2.157	17.6	17.2
7 30	22 38.48	−13 33.7	1.202	2.145	13.4	16.9
8 9	22 31.58	−13 49.0	1.148	2.134	8.6	16.6
8 19	22 22.42	−14 8.2	1.116	2.124	3.4	16.3
8 29	22 12.23	−14 25.0	1.107	2.114	3.2	16.3
9 8	22 2.54	−14 33.1	1.123	2.105	8.5	16.6
9 18	21 54.73	−14 28.7	1.162	2.096	13.6	16.8
9 28	21 49.86	−14 10.0	1.220	2.088	18.0	17.1

200517 2001 BM_{75} 8 25.1 235°.76 0°.4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.63	− 7 54.9	2.134	2.973	13.1	21.0
7 30	22 36.73	− 8 11.4	2.043	2.961	10.1	20.8
8 9	22 29.91	− 8 38.3	1.974	2.949	6.6	20.5
8 19	22 21.66	− 9 12.7	1.931	2.937	2.7	20.3
8 29	22 12.73	− 9 50.5	1.916	2.924	1.5	20.1
9 8	22 4.03	−10 27.1	1.930	2.911	5.5	20.4
9 18	21 56.41	−10 58.3	1.970	2.897	9.3	20.6
9 28	21 50.62	−11 20.7	2.035	2.882	12.7	20.8

121899 2000 DM_{36} 8 25.1 271°.85 0°.3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.08	−10 32.5	2.420	3.265	11.5	20.1
7 30	22 34.55	−10 45.9	2.331	3.254	8.8	19.9
8 9	22 28.38	−11 6.5	2.265	3.244	5.6	19.7
8 19	22 21.04	−11 31.4	2.226	3.234	2.1	19.4
8 29	22 13.16	−11 57.2	2.216	3.223	1.6	19.4
9 8	22 5.51	−12 20.1	2.234	3.213	5.1	19.6
9 18	21 58.81	−12 37.1	2.279	3.202	8.4	19.8
9 28	21 53.67	−12 46.0	2.349	3.191	11.4	20.0

311456 2005 UN_{375} 8 25.1 136°.72 2°.7/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.10	−17 59.9	2.323	3.183	11.4	20.6
7 30	22 36.05	−18 31.7	2.254	3.187	8.6	20.5
8 9	22 29.30	−19 6.0	2.210	3.190	5.6	20.3
8 19	22 21.37	−19 38.4	2.192	3.194	3.0	20.1
8 29	22 13.00	−20 4.5	2.202	3.198	3.6	20.2
9 8	22 5.01	−20 20.6	2.240	3.201	6.5	20.4
9 18	21 58.14	−20 24.8	2.305	3.205	9.4	20.6
9 28	21 52.99	−20 16.5	2.393	3.208	12.1	20.8

451609 2012 DG_{18} 8 25.1 216°.56 1°.8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.07	− 4 13.9	2.472	3.292	12.1	21.7
7 30	22 35.22	− 4 8.2	2.384	3.289	9.4	21.5
8 9	22 28.77	− 4 12.5	2.320	3.285	6.4	21.3
8 19	22 21.18	− 4 25.4	2.282	3.281	3.3	21.1
8 29	22 13.10	− 4 44.5	2.272	3.277	1.9	21.0
9 8	22 5.26	− 5 6.5	2.291	3.273	4.7	21.2
9 18	21 58.35	− 5 28.2	2.337	3.269	7.8	21.4
9 28	21 52.97	− 5 46.4	2.409	3.264	10.7	21.6

143891 2003 YP_{43} 8 25.1 123°.86 0°.7/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.73	− 6 7.6	1.709	2.553	15.6	20.7
7 30	22 37.76	− 6 37.5	1.644	2.565	12.0	20.4
8 9	22 30.60	− 7 21.7	1.601	2.576	7.8	20.2
8 19	22 21.91	− 8 16.3	1.582	2.588	3.2	20.0
8 29	22 12.66	− 9 15.2	1.590	2.598	1.7	19.9
9 8	22 3.91	−10 11.7	1.626	2.608	6.2	20.2
9 18	21 56.63	−11 0.3	1.687	2.618	10.3	20.5
9 28	21 51.55	−11 37.0	1.772	2.628	13.9	20.7

296942 2010 DU_{44} 8 25.1 160°.37 0°.4/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.53	− 6 54.9	2.132	2.970	13.1	21.6
7 30	22 35.76	− 7 24.5	2.056	2.974	10.1	21.4
8 9	22 29.19	− 8 5.6	2.004	2.979	6.5	21.2
8 19	22 21.36	− 8 54.7	1.977	2.983	2.6	20.9
8 29	22 13.00	− 9 47.1	1.978	2.986	1.5	20.9
9 8	22 4.99	−10 37.5	2.008	2.990	5.3	21.1
9 18	21 58.10	−11 21.6	2.065	2.992	8.9	21.4
9 28	21 52.98	−11 55.8	2.147	2.994	12.1	21.6

174975 2004 DP_{44} 8 25.1 199°.54 0°.4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.96	− 7 37.8	2.086	2.928	13.2	21.0
7 30	22 35.40	− 7 55.0	2.006	2.927	10.1	20.8
8 9	22 29.01	− 8 22.7	1.950	2.926	6.6	20.6
8 19	22 21.30	− 8 58.1	1.919	2.925	2.7	20.3
8 29	22 13.03	− 9 36.8	1.915	2.923	1.5	20.2
9 8	22 5.09	−10 14.1	1.940	2.922	5.4	20.5
9 18	21 58.26	−10 46.0	1.991	2.920	9.1	20.7
9 28	21 53.24	−11 9.1	2.066	2.918	12.3	20.9

490094 2008 UX_{22} 8 25.1 310°.24 0°.2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.08	− 7 47.8	1.524	2.388	16.1	21.8
7 30	22 34.79	− 8 11.7	1.438	2.370	12.5	21.5
8 9	22 29.07	− 8 51.1	1.371	2.353	8.1	21.2
8 19	22 21.46	− 9 42.1	1.328	2.335	3.2	20.9
8 29	22 12.89	−10 38.6	1.310	2.318	2.0	20.7
9 8	22 4.57	−11 33.1	1.318	2.302	7.1	21.0
9 18	21 57.66	−12 18.9	1.349	2.285	11.9	21.3
9 28	21 53.13	−12 51.1	1.402	2.270	16.1	21.5

63802 2001 RV_{28} 8 25.1 284°.77 1°.3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.66	−11 6.9	1.571	2.438	15.6	19.9
7 30	22 36.65	−11 41.3	1.490	2.426	11.9	19.6
8 9	22 30.20	−12 27.8	1.430	2.414	7.6	19.3
8 19	22 21.86	−13 21.5	1.394	2.402	2.9	19.0
8 29	22 12.65	−14 15.2	1.384	2.390	2.8	19.0
9 8	22 3.76	−15 1.8	1.399	2.378	7.5	19.3
9 18	21 56.34	−15 35.8	1.439	2.366	12.1	19.5
9 28	21 51.32	−15 54.0	1.501	2.354	16.1	19.7

137330 1999 TS_{45} 8 25.1 225°.17 2°.7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.23	− 1 38.3	1.680	2.511	16.3	20.2
7 30	22 36.87	− 1 49.4	1.597	2.506	13.0	20.0
8 9	22 30.22	− 2 18.8	1.534	2.500	9.0	19.7
8 19	22 21.85	− 3 4.6	1.495	2.494	4.8	19.5
8 29	22 12.67	− 4 2.4	1.482	2.487	2.8	19.3
9 8	22 3.80	− 5 5.5	1.495	2.480	6.3	19.5
9 18	21 56.29	− 6 6.9	1.535	2.473	10.6	19.8
9 28	21 51.01	− 7 0.5	1.597	2.466	14.5	20.0

510944 2013 EQ_{119} 8 25.1 99°.55 2°.0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.18	− 3 28.9	2.536	3.348	12.0	21.9
7 30	22 36.58	− 3 19.1	2.470	3.368	9.4	21.7
8 9	22 29.49	− 3 19.4	2.427	3.388	6.4	21.6
8 19	22 21.42	− 3 28.2	2.410	3.408	3.4	21.4
8 29	22 13.01	− 3 43.3	2.423	3.427	2.1	21.3
9 8	22 4.99	− 4 1.5	2.465	3.446	4.5	21.5
9 18	21 57.99	− 4 20.0	2.535	3.465	7.4	21.8
9 28	21 52.54	− 4 35.8	2.631	3.483	10.0	22.0

16624 Hoshizawa 8 25.1 48°.31 0°.7/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.16	− 9 9.0	1.462	2.329	16.5	17.6
7 30	22 36.23	− 9 50.4	1.397	2.332	12.6	17.4
8 9	22 29.85	−10 46.3	1.353	2.336	8.0	17.2
8 19	22 21.69	−11 51.0	1.332	2.340	3.0	16.9
8 29	22 12.81	−12 56.6	1.337	2.344	2.4	16.8
9 8	22 4.46	−13 55.4	1.367	2.348	7.4	17.2
9 18	21 57.72	−14 41.2	1.422	2.352	11.9	17.4
9 28	21 53.43	−15 10.3	1.498	2.357	15.8	17.7

34688 2001 FG_{119} 8 25.1 31°.70 5°.1/27.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.66	− 1 54.8	1.177	2.029	20.6	17.9
7 30	22 39.99	− 0 54.9	1.122	2.039	16.5	17.7
8 9	22 32.38	− 0 14.1	1.084	2.051	11.8	17.5
8 19	22 22.68	+ 0 6.9	1.068	2.063	7.2	17.2
8 29	22 12.22	+ 0 9.8	1.075	2.076	5.1	17.2
9 8	22 2.56	− 0 0.4	1.106	2.090	8.1	17.4
9 18	21 54.98	− 0 17.6	1.159	2.105	12.5	17.7
9 28	21 50.38	− 0 35.1	1.233	2.120	16.6	18.0

22999 Irizarry 8 25.1 255°.03 1°.2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.31	− 4 53.9	1.914	2.753	14.3	18.8
7 30	22 35.16	− 5 15.2	1.827	2.744	11.2	18.6
8 9	22 29.01	− 5 50.9	1.762	2.735	7.4	18.4
8 19	22 21.36	− 6 38.2	1.722	2.726	3.4	18.1
8 29	22 13.01	− 7 32.4	1.709	2.716	1.7	18.0
9 8	22 4.91	− 8 27.8	1.723	2.707	5.7	18.2
9 18	21 57.98	− 9 18.6	1.763	2.697	9.8	18.4
9 28	21 52.98	−10 0.3	1.827	2.687	13.3	18.6

512940 2017 BC_{45} 8 25.1 235°.46 0°.1/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.58	− 7 36.3	2.661	3.497	10.9	21.0
7 30	22 32.54	− 8 9.5	2.571	3.489	8.3	20.8
8 9	22 27.06	− 8 52.1	2.505	3.480	5.3	20.6
8 19	22 20.54	− 9 41.2	2.465	3.472	2.1	20.4
8 29	22 13.55	−10 33.0	2.455	3.463	1.3	20.3
9 8	22 6.75	−11 23.2	2.473	3.454	4.6	20.6
9 18	22 0.75	−12 8.0	2.520	3.444	7.7	20.7
9 28	21 56.12	−12 44.5	2.592	3.435	10.4	20.9

29375 1996 GN_{17} 8 25.1 162°.38 0°.6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.06	− 6 14.8	1.961	2.798	14.1	19.8
7 30	22 37.08	− 6 44.0	1.886	2.804	10.9	19.6
8 9	22 30.12	− 7 26.0	1.834	2.808	7.1	19.4
8 19	22 21.76	− 8 17.4	1.807	2.813	2.9	19.1
8 29	22 12.82	− 9 13.0	1.808	2.816	1.6	19.0
9 8	22 4.25	−10 7.1	1.837	2.819	5.7	19.3
9 18	21 56.94	−10 54.4	1.893	2.822	9.5	19.6
9 28	21 51.57	−11 31.4	1.973	2.824	12.9	19.8

92055 1999 VJ_{213} 8 25.1 239°.69 2°.9/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.32	+ 2 5.9	2.681	3.475	11.9	19.9
7 30	22 32.36	+ 1 49.2	2.581	3.464	9.6	19.7
8 9	22 26.97	+ 1 18.0	2.504	3.452	7.0	19.5
8 19	22 20.53	+ 0 33.6	2.453	3.441	4.3	19.3
8 29	22 13.59	− 0 21.4	2.429	3.428	2.9	19.2
9 8	22 6.80	− 1 22.9	2.435	3.416	4.5	19.3
9 18	22 0.78	− 2 26.5	2.468	3.403	7.3	19.5
9 28	21 56.09	− 3 27.4	2.528	3.390	10.0	19.6

374820 2006 US_{130} 8 25.1 148°.65 3°.1/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.55	−16 34.5	1.703	2.568	14.7	21.6
7 30	22 40.01	−17 14.2	1.639	2.574	11.1	21.4
8 9	22 32.11	−17 59.2	1.597	2.579	7.1	21.2
8 19	22 22.54	−18 43.1	1.580	2.584	3.6	21.0
8 29	22 12.36	−19 19.3	1.590	2.589	4.2	21.1
9 8	22 2.74	−19 42.6	1.627	2.594	8.0	21.3
9 18	21 54.72	−19 50.2	1.689	2.598	11.8	21.5
9 28	21 49.09	−19 41.7	1.773	2.601	15.1	21.8

507254 2011 BL_{124} 8 25.1 170°.27 2°.3/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 45.39	−15 14.2	1.736	2.597	14.6	21.8
7 30	22 39.88	−15 40.7	1.666	2.599	11.0	21.6
8 9	22 32.03	−16 13.1	1.618	2.601	7.0	21.3
8 19	22 22.53	−16 46.2	1.596	2.602	3.1	21.1
8 29	22 12.37	−17 13.9	1.601	2.603	3.5	21.1
9 8	22 2.72	−17 31.3	1.633	2.604	7.5	21.4
9 18	21 54.62	−17 35.7	1.690	2.604	11.4	21.6
9 28	21 48.86	−17 26.0	1.769	2.604	14.8	21.8

69653 1998 FT_{101} 8 25.1 151°.98 1°.6/26.3 18

7 20	22 43.75	− 4 57.5	1.601	2.443	16.5	18.7
7 30	22 38.77	− 5 4.7	1.530	2.448	12.9	18.5
8 9	22 31.40	− 5 27.3	1.479	2.452	8.6	18.3
8 19	22 22.31	− 6 2.5	1.452	2.455	4.0	18.0
8 29	22 12.50	− 6 45.2	1.451	2.458	2.1	17.9
9 8	22 3.17	− 7 29.3	1.477	2.461	6.4	18.2
9 18	21 55.38	− 8 9.0	1.528	2.464	10.8	18.5
9 28	21 49.97	− 8 39.8	1.602	2.466	14.7	18.7

153585 2001 SM_{246} 8 25.1 196°.94 2°.1/23.4 18

7 20	22 42.77	−13 55.9	1.825	2.686	14.0	20.9
7 30	22 37.84	−14 35.6	1.751	2.684	10.6	20.6
8 9	22 30.73	−15 23.0	1.700	2.683	6.7	20.4
8 19	22 22.04	−16 12.8	1.674	2.681	2.9	20.2
8 29	22 12.67	−16 58.6	1.676	2.678	3.3	20.2
9 8	22 3.71	−17 34.8	1.704	2.675	7.2	20.4
9 18	21 56.14	−17 57.6	1.758	2.672	11.1	20.6
9 28	21 50.72	−18 5.3	1.835	2.669	14.4	20.9

6774 Vladheinrich 8 25.1 186°.90 0°.7/24.6 18 R

7 20	22 44.12	− 9 38.5	1.536	2.394	16.3	18.3
7 30	22 39.22	−10 13.1	1.464	2.395	12.4	18.1
8 9	22 31.80	−11 0.9	1.413	2.394	7.9	17.8
8 19	22 22.50	−11 56.7	1.386	2.393	3.0	17.5
8 29	22 12.39	−12 53.6	1.385	2.392	2.4	17.5
9 8	22 2.76	−13 44.0	1.411	2.390	7.3	17.8
9 18	21 54.74	−14 22.4	1.461	2.388	11.9	18.0
9 28	21 49.25	−14 45.5	1.533	2.385	15.9	18.3

444396 2005 YU_{253} 8 25.1 8°.98 4°.3/20.6 18

7 20	22 36.16	−18 56.1	1.911	2.790	12.7	20.5
7 30	22 32.78	−20 15.2	1.849	2.791	9.6	20.3
8 9	22 27.46	−21 38.8	1.810	2.793	6.4	20.1
8 19	22 20.77	−22 59.6	1.797	2.795	4.3	20.0
8 29	22 13.51	−24 10.2	1.811	2.797	5.5	20.1
9 8	22 6.63	−25 4.4	1.850	2.800	8.5	20.3
9 18	22 0.98	−25 39.0	1.915	2.804	11.6	20.5
9 28	21 57.26	−25 53.1	2.000	2.808	14.4	20.7

257193 2008 PK_{19} 8 25.1 294°.40 0°.2/24.8 17

7 20	22 31.39	−10 14.3	4.366	5.203	6.9	21.0
7 30	22 28.10	−10 34.9	4.279	5.198	5.2	20.9
8 9	22 23.99	−10 59.6	4.217	5.194	3.3	20.7
8 19	22 19.33	−11 26.8	4.183	5.190	1.2	20.6
8 29	22 14.43	−11 54.6	4.179	5.186	0.9	20.5
9 8	22 9.66	−12 20.8	4.204	5.182	3.0	20.7
9 18	22 5.35	−12 43.8	4.259	5.178	5.0	20.8
9 28	22 1.82	−13 2.0	4.339	5.174	6.7	21.0

63030 2000 WK_{58} 8 25.1 331°.73 1°.2/24.1 18

7 20	22 36.36	−11 9.2	1.739	2.607	14.2	19.1
7 30	22 33.16	−11 44.0	1.657	2.594	10.8	18.8
8 9	22 27.85	−12 29.8	1.597	2.582	6.9	18.6
8 19	22 20.97	−13 22.0	1.562	2.570	2.6	18.3
8 29	22 13.36	−14 14.4	1.552	2.558	2.5	18.3
9 8	22 6.05	−15 0.7	1.569	2.548	6.9	18.5
9 18	21 59.99	−15 35.7	1.610	2.538	11.0	18.7
9 28	21 55.98	−15 56.2	1.674	2.529	14.6	19.0

43202 2000 AQ_{70} 8 25.1 182°.49 7°.0/15.2 18

7 20	22 40.05	−33 13.1	2.671	3.528	10.2	17.9
7 30	22 35.40	−34 48.1	2.617	3.528	8.5	17.8
8 9	22 29.00	−36 17.1	2.589	3.528	7.3	17.7
8 19	22 21.34	−37 33.8	2.588	3.528	7.1	17.7
8 29	22 13.15	−38 32.4	2.613	3.527	8.1	17.8
9 8	22 5.26	−39 9.5	2.663	3.527	9.7	17.9
9 18	21 58.43	−39 24.5	2.737	3.525	11.5	18.0
9 28	21 53.32	−39 18.4	2.830	3.524	13.1	18.2

507279 2011 FH_{14} 8 25.1 210°.98 0°.2/24.9 17

7 20	22 42.36	− 8 46.8	1.992	2.836	13.7	22.4
7 30	22 37.41	− 9 17.8	1.907	2.830	10.5	22.2
8 9	22 30.43	− 9 59.9	1.845	2.823	6.7	22.0
8 19	22 21.94	−10 49.5	1.809	2.816	2.6	21.7
8 29	22 12.77	−11 41.2	1.801	2.809	1.8	21.6
9 8	22 3.88	−12 29.4	1.821	2.800	6.0	21.9
9 18	21 56.19	−13 9.4	1.868	2.791	9.9	22.1
9 28	21 50.46	−13 37.9	1.938	2.782	13.4	22.3

116141 2003 WA_{149} 8 25.1 72°.80 6°.2/20.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 45.07	−22 6.5	1.377	2.260	16.3	19.7
7 30	22 40.14	−23 13.1	1.327	2.269	12.5	19.5
8 9	22 32.41	−24 20.4	1.298	2.278	8.7	19.3
8 19	22 22.71	−25 19.0	1.293	2.287	6.3	19.2
8 29	22 12.35	−25 59.6	1.312	2.296	7.5	19.3
9 8	22 2.80	−26 16.7	1.356	2.306	10.9	19.6
9 18	21 55.27	−26 9.2	1.421	2.315	14.6	19.8
9 28	21 50.58	−25 39.1	1.507	2.324	17.8	20.1

287477 2003 AG_{73} 8 25.1 252°.99 2°.1/22.7 18

7 20	22 37.51	−12 53.2	2.199	3.058	12.0	21.2
7 30	22 33.64	−14 4.7	2.113	3.046	9.0	21.0
8 9	22 27.98	−15 25.7	2.052	3.035	5.7	20.7
8 19	22 21.00	−16 50.9	2.017	3.023	2.6	20.5
8 29	22 13.38	−18 13.6	2.011	3.011	3.3	20.5
9 8	22 5.95	−19 27.4	2.033	2.998	6.7	20.7
9 18	21 59.53	−20 27.2	2.081	2.986	10.1	20.9
9 28	21 54.81	−21 10.3	2.153	2.973	13.1	21.1

277468 2005 VQ_{61} 8 25.1 94°.89 1°.7/27.0 18

7 20	22 37.51	− 2 36.4	2.255	3.079	13.0	21.1
7 30	22 33.37	− 2 59.7	2.183	3.089	10.1	20.9
8 9	22 27.65	− 3 36.5	2.133	3.099	6.9	20.7
8 19	22 20.81	− 4 24.1	2.108	3.108	3.5	20.5
8 29	22 13.54	− 5 18.6	2.112	3.118	1.9	20.4
9 8	22 6.59	− 6 15.0	2.143	3.128	4.8	20.6
9 18	22 0.66	− 7 8.6	2.202	3.137	8.1	20.9
9 28	21 56.31	− 7 55.3	2.286	3.146	11.0	21.1

481386 2006 QM_{65} 8 25.1 329°.64 1°.5/26.5 17

7 20	22 34.22	− 2 55.3	1.599	2.451	16.1	21.1
7 30	22 31.70	− 3 34.1	1.514	2.437	12.6	20.9
8 9	22 27.03	− 4 33.4	1.449	2.424	8.5	20.6
8 19	22 20.70	− 5 50.0	1.408	2.411	4.0	20.3
8 29	22 13.56	− 7 17.5	1.392	2.399	2.0	20.2
9 8	22 6.69	− 8 47.3	1.401	2.388	6.3	20.4
9 18	22 1.08	−10 10.9	1.436	2.378	10.9	20.6
9 28	21 57.60	−11 21.2	1.493	2.368	14.9	20.9

381112 2007 DE_{18} 8 25.1 297°.34 0°.1/25.1 18

7 20	22 42.33	− 9 36.2	1.476	2.340	16.6	21.7
7 30	22 38.31	− 9 41.9	1.381	2.314	12.9	21.4
8 9	22 31.55	− 9 59.9	1.306	2.287	8.4	21.1
8 19	22 22.56	−10 27.1	1.254	2.261	3.3	20.7
8 29	22 12.34	−10 58.0	1.227	2.235	2.1	20.5
9 8	22 2.27	−11 26.3	1.225	2.209	7.6	20.8
9 18	21 53.68	−11 46.3	1.248	2.183	12.8	21.0
9 28	21 47.71	−11 54.2	1.291	2.157	17.4	21.2

365619 2010 UB_{40} 8 25.1 227°.55 1°.5/23.6 18

7 20	22 39.42	−13 57.1	2.461	3.314	11.1	21.8
7 30	22 34.80	−14 26.9	2.379	3.308	8.4	21.7
8 9	22 28.57	−15 2.1	2.321	3.302	5.3	21.5
8 19	22 21.18	−15 39.2	2.290	3.296	2.2	21.2
8 29	22 13.30	−16 13.7	2.287	3.290	2.5	21.3
9 8	22 5.68	−16 41.8	2.313	3.284	5.6	21.5
9 18	21 59.02	−17 0.8	2.365	3.277	8.7	21.6
9 28	21 53.93	−17 8.8	2.442	3.270	11.5	21.8

347021 2010 EB_{34} 8 25.1 131°.73 1°.7/26.8 16

7 20	22 39.62	− 3 2.4	2.010	2.839	14.1	21.7
7 30	22 35.18	− 3 26.6	1.937	2.846	11.0	21.5
8 9	22 28.90	− 4 5.6	1.885	2.853	7.4	21.3
8 19	22 21.32	− 4 56.5	1.859	2.860	3.7	21.1
8 29	22 13.22	− 5 54.9	1.860	2.867	1.9	21.0
9 8	22 5.48	− 6 54.8	1.889	2.873	5.3	21.2
9 18	21 58.90	− 7 51.0	1.945	2.879	9.0	21.4
9 28	21 54.15	− 8 38.8	2.025	2.885	12.2	21.7

32147 2000 LW_{30} 8 25.1 332°.60 9°.4/17.7 18

7 20	22 39.39	−27 12.7	1.264	2.163	16.5	17.3
7 30	22 36.46	−28 48.9	1.204	2.149	13.2	17.0
8 9	22 30.46	−30 23.6	1.164	2.137	10.4	16.8
8 19	22 22.10	−31 44.3	1.146	2.126	9.4	16.8
8 29	22 12.70	−32 38.9	1.151	2.115	11.0	16.8
9 8	22 3.89	−33 0.0	1.176	2.105	14.3	17.0
9 18	21 57.11	−32 46.3	1.222	2.096	17.8	17.2
9 28	21 53.42	−32 0.9	1.284	2.088	21.0	17.4

326218 2012 CX_{43} 8 25.1 72°.59 0°.5/24.8 17

7 20	22 42.69	− 8 13.2	1.351	2.217	17.7	20.9
7 30	22 38.11	− 9 0.1	1.303	2.237	13.4	20.7
8 9	22 30.99	−10 2.2	1.275	2.258	8.5	20.5
8 19	22 22.14	−11 13.1	1.270	2.278	3.2	20.2
8 29	22 12.75	−12 24.0	1.291	2.299	2.3	20.2
9 8	22 4.13	−13 26.7	1.337	2.319	7.4	20.6
9 18	21 57.35	−14 15.2	1.408	2.339	11.9	20.9
9 28	21 53.17	−14 46.3	1.500	2.359	15.7	21.2

158078 2000 UX_{90} 8 25.1 332°.35 3°.8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 34.57	−14 28.5	1.262	2.157	16.7	19.4
7 30	22 32.61	−15 36.9	1.187	2.139	12.7	19.1
8 9	22 27.94	−16 59.2	1.132	2.121	8.1	18.8
8 19	22 21.13	−18 27.0	1.099	2.105	4.2	18.5
8 29	22 13.29	−19 49.4	1.090	2.090	5.4	18.5
9 8	22 5.79	−20 55.6	1.104	2.075	10.1	18.8
9 18	21 59.97	−21 38.7	1.139	2.062	14.9	19.0
9 28	21 56.88	−21 55.5	1.193	2.050	19.1	19.2

121418 1999 TO_{147} 8 25.1 304°.08 3°.2/22.1 18

7 20	22 38.47	−17 4.5	1.999	2.868	12.6	20.1
7 30	22 34.65	−17 52.5	1.906	2.844	9.6	19.9
8 9	22 28.79	−18 46.7	1.836	2.820	6.2	19.7
8 19	22 21.37	−19 41.5	1.792	2.795	3.5	19.4
8 29	22 13.16	−20 30.7	1.775	2.771	4.3	19.4
9 8	22 5.13	−21 8.4	1.784	2.747	7.7	19.6
9 18	21 58.22	−21 30.9	1.819	2.723	11.3	19.8
9 28	21 53.24	−21 36.2	1.875	2.699	14.6	19.9

514385 2016 RT_{44} 8 25.1 326°.77 3°.3/27.3 18

7 20	22 41.68	− 2 50.3	1.651	2.488	16.4	20.6
7 30	22 37.26	− 2 22.8	1.570	2.481	13.0	20.4
8 9	22 30.53	− 2 9.8	1.509	2.474	9.2	20.2
8 19	22 22.05	− 2 10.7	1.471	2.468	5.2	19.9
8 29	22 12.77	− 2 23.1	1.459	2.462	3.4	19.8
9 8	22 3.83	− 2 42.9	1.473	2.457	6.5	20.0
9 18	21 56.30	− 3 5.1	1.512	2.452	10.6	20.2
9 28	21 51.03	− 3 24.9	1.573	2.447	14.4	20.4

320045 2007 DQ_{116} 8 25.1 348°.05 7°.2/18.2 18

7 20	22 43.50	−31 24.0	2.163	3.026	12.0	20.0
7 30	22 38.22	−32 20.7	2.105	3.025	9.8	19.9
8 9	22 30.87	−33 10.8	2.071	3.024	7.9	19.7
8 19	22 22.09	−33 47.6	2.061	3.023	7.2	19.7
8 29	22 12.80	−34 5.5	2.077	3.023	8.1	19.8
9 8	22 4.02	−34 1.6	2.119	3.022	10.1	19.9
9 18	21 56.67	−33 36.0	2.184	3.022	12.4	20.0
9 28	21 51.40	−32 51.0	2.270	3.022	14.5	20.2

329334 2001 FS_{96} 8 25.1 188°.05 2°.3/22.9 17

7 20	22 43.83	−14 4.1	1.999	2.854	13.2	21.9
7 30	22 38.52	−14 59.6	1.923	2.853	10.0	21.6
8 9	22 31.13	−16 3.0	1.871	2.852	6.3	21.4
8 19	22 22.24	−17 8.4	1.845	2.850	2.9	21.2
8 29	22 12.69	−18 9.4	1.847	2.847	3.5	21.2
9 8	22 3.50	−18 59.8	1.878	2.844	7.1	21.5
9 18	21 55.57	−19 35.9	1.934	2.839	10.7	21.7
9 28	21 49.68	−19 55.6	2.014	2.834	13.8	21.9

120066 2003 CH_{16} 8 25.1 280°.79 1°.1/25.9 18

7 20	22 40.99	− 6 3.7	1.631	2.481	15.9	20.3
7 30	22 36.94	− 6 16.7	1.539	2.462	12.4	20.0
8 9	22 30.48	− 6 45.0	1.466	2.442	8.3	19.7
8 19	22 22.10	− 7 25.9	1.418	2.423	3.7	19.4
8 29	22 12.73	− 8 14.5	1.395	2.403	1.9	19.3
9 8	22 3.54	− 9 4.2	1.398	2.383	6.7	19.5
9 18	21 55.69	− 9 48.7	1.427	2.363	11.4	19.7
9 28	21 50.16	−10 22.7	1.477	2.343	15.6	20.0

437182 2012 VO_{81} 8 25.1 21°.04 8°.3/ 1.7 16

7 20	22 34.40	+10 35.4	1.324	2.129	21.3	20.5
7 30	22 32.06	+10 56.9	1.264	2.138	18.1	20.3
8 9	22 27.31	+10 46.3	1.219	2.147	14.5	20.1
8 19	22 20.81	+10 2.1	1.193	2.158	10.9	19.9
8 29	22 13.61	+ 8 47.3	1.189	2.170	8.6	19.8
9 8	22 6.93	+ 7 10.0	1.208	2.183	8.9	19.9
9 18	22 1.85	+ 5 21.4	1.250	2.197	11.6	20.1
9 28	21 59.18	+ 3 33.3	1.314	2.212	15.0	20.4

182243 2001 FV_9 8 25.1 87°.72 4°.4/21.5 17

7 20	22 43.12	−17 1.5	1.488	2.365	15.7	19.8
7 30	22 38.37	−18 26.9	1.442	2.383	11.8	19.6
8 9	22 31.15	−19 58.4	1.418	2.402	7.6	19.4
8 19	22 22.24	−21 26.6	1.419	2.420	4.6	19.3
8 29	22 12.77	−22 41.8	1.445	2.438	5.7	19.4
9 8	22 4.02	−23 36.9	1.498	2.455	9.4	19.6
9 18	21 57.04	−24 8.9	1.574	2.472	13.1	19.9
9 28	21 52.58	−24 17.9	1.670	2.489	16.3	20.2

289557 2005 EO_{262} 8 25.1 254°.88 2°.2/23.4 18

7 20	22 41.43	−11 58.7	1.542	2.410	15.7	20.7
7 30	22 37.37	−12 57.3	1.461	2.398	12.0	20.4
8 9	22 30.78	−14 9.3	1.402	2.386	7.6	20.2
8 19	22 22.22	−15 28.2	1.367	2.374	3.1	19.9
8 29	22 12.70	−16 45.3	1.358	2.362	3.7	19.9
9 8	22 3.50	−17 51.7	1.375	2.349	8.3	20.1
9 18	21 55.80	−18 41.2	1.417	2.335	12.8	20.4
9 28	21 50.59	−19 10.3	1.479	2.322	16.8	20.6

42475 1981 EW_{28} 8 25.1 164°.48 1°.6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 43.58	− 4 58.2	1.564	2.408	16.8	20.0
7 30	22 38.75	− 5 6.6	1.492	2.411	13.1	19.7
8 9	22 31.49	− 5 30.8	1.439	2.413	8.7	19.5
8 19	22 22.43	− 6 8.0	1.411	2.415	4.1	19.2
8 29	22 12.62	− 6 53.0	1.409	2.416	2.1	19.1
9 8	22 3.28	− 7 39.4	1.432	2.417	6.5	19.4
9 18	21 55.49	− 8 21.1	1.482	2.418	11.0	19.7
9 28	21 50.12	− 8 53.3	1.553	2.419	15.0	19.9

143241 2002 YV_{24} 8 25.1 85°.81 6°.7/30.4 18

7 20	22 45.53	+ 6 26.9	1.683	2.469	18.2	19.3
7 30	22 39.89	+ 7 11.1	1.623	2.491	15.1	19.2
8 9	22 32.00	+ 7 33.5	1.583	2.512	11.6	19.0
8 19	22 22.57	+ 7 33.2	1.565	2.533	8.4	18.9
8 29	22 12.59	+ 7 11.4	1.572	2.554	6.7	18.8
9 8	22 3.20	+ 6 33.1	1.605	2.575	7.7	18.9
9 18	21 55.36	+ 5 44.5	1.664	2.595	10.4	19.1
9 28	21 49.83	+ 4 52.9	1.746	2.615	13.4	19.4

158805 2003 SD_{274} 8 25.1 339°.81 0°.4/24.8 18

7 20	22 36.80	− 9 26.1	2.205	3.055	12.3	20.3
7 30	22 33.00	− 9 57.2	2.126	3.053	9.3	20.1
8 9	22 27.52	−10 37.7	2.070	3.050	5.9	19.9
8 19	22 20.84	−11 24.2	2.040	3.048	2.2	19.6
8 29	22 13.65	−12 12.0	2.038	3.045	1.7	19.6
9 8	22 6.74	−12 56.3	2.064	3.043	5.4	19.8
9 18	22 0.84	−13 33.0	2.116	3.041	8.8	20.0
9 28	21 56.57	−13 59.2	2.192	3.040	11.9	20.2

287176 2002 RK_{263} 8 25.1 112°.95 3°.0/27.9 18

7 20	22 38.56	− 0 2.9	1.929	2.749	15.0	21.3
7 30	22 34.54	− 0 10.8	1.849	2.750	11.9	21.1
8 9	22 28.61	− 0 35.7	1.790	2.750	8.5	20.8
8 19	22 21.29	− 1 16.1	1.756	2.750	4.9	20.6
8 29	22 13.36	− 2 8.1	1.747	2.750	3.1	20.5
9 8	22 5.74	− 3 6.4	1.766	2.751	5.6	20.7
9 18	21 59.29	− 4 4.9	1.812	2.751	9.2	20.9
9 28	21 54.71	− 4 58.2	1.881	2.751	12.5	21.1

352157 2007 PB_{50} 8 25.1 316°.41 0°.6/25.7 18

7 20	22 36.22	− 5 23.3	1.627	2.483	15.7	21.3
7 30	22 33.21	− 6 4.7	1.543	2.470	12.1	21.0
8 9	22 28.01	− 7 4.2	1.480	2.459	8.0	20.8
8 19	22 21.13	− 8 17.7	1.441	2.447	3.3	20.5
8 29	22 13.44	− 9 38.5	1.427	2.436	1.7	20.3
9 8	22 6.02	−10 58.4	1.440	2.425	6.5	20.6
9 18	21 59.89	−12 9.8	1.478	2.415	11.1	20.9
9 28	21 55.91	−13 6.6	1.538	2.405	15.0	21.1

74769 1999 RK_{222} 8 25.1 14°.50 4°.8/22.1 17

7 20	22 36.67	−16 21.7	0.953	1.863	19.5	18.8
7 30	22 34.58	−17 23.0	0.908	1.867	14.7	18.6
8 9	22 29.27	−18 34.1	0.882	1.873	9.4	18.3
8 19	22 21.64	−19 44.0	0.876	1.881	5.2	18.1
8 29	22 13.19	−20 40.8	0.891	1.890	6.4	18.2
9 8	22 5.64	−21 15.2	0.927	1.900	11.2	18.5
9 18	22 0.36	−21 23.6	0.983	1.912	16.0	18.8
9 28	21 58.25	−21 6.2	1.056	1.925	20.1	19.1

196500 2003 LW_6 8 25.2 50°.61 8°.8/17.6 18

7 20	22 42.56	−28 46.9	1.497	2.381	15.2	19.2
7 30	22 38.22	−30 27.6	1.457	2.392	12.2	19.0
8 9	22 31.19	−32 2.3	1.438	2.402	9.7	18.9
8 19	22 22.30	−33 20.3	1.443	2.413	8.9	18.9
8 29	22 12.79	−34 12.2	1.472	2.425	10.2	19.0
9 8	22 4.05	−34 33.5	1.524	2.436	12.8	19.2
9 18	21 57.21	−34 24.6	1.597	2.448	15.5	19.4
9 28	21 53.08	−33 49.1	1.688	2.460	18.1	19.6

164504 2006 GT_{41} 8 25.2 109°.96 0°.6/25.8 18

7 20	22 38.62	− 4 31.7	1.923	2.761	14.3	19.9
7 30	22 34.52	− 5 27.9	1.854	2.772	11.0	19.7
8 9	22 28.54	− 6 39.7	1.809	2.783	7.1	19.5
8 19	22 21.25	− 8 2.6	1.788	2.794	3.0	19.3
8 29	22 13.43	− 9 29.9	1.796	2.804	1.5	19.2
9 8	22 6.01	−10 54.5	1.831	2.814	5.6	19.5
9 18	21 59.78	−12 9.9	1.894	2.824	9.4	19.8
9 28	21 55.43	−13 11.5	1.980	2.833	12.7	20.0

185586 2008 BJ_{24} 8 25.2 157°.01 0°.2/25.3 17

7 20	22 44.09	− 7 52.6	1.775	2.620	15.1	21.5
7 30	22 38.84	− 8 17.1	1.704	2.626	11.5	21.3
8 9	22 31.40	− 8 53.8	1.655	2.632	7.4	21.0
8 19	22 22.38	− 9 38.9	1.630	2.637	2.9	20.8
8 29	22 12.72	−10 26.9	1.633	2.641	1.7	20.7
9 8	22 3.52	−11 11.8	1.664	2.645	6.2	21.0
9 18	21 55.75	−11 48.7	1.720	2.648	10.4	21.3
9 28	21 50.16	−12 14.3	1.800	2.651	13.9	21.5

373458 2000 FB_{10} 8 25.2 173°.17 2°.0/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.48	−14 0.5	1.991	2.845	13.3	22.3
7 30	22 38.96	−14 39.0	1.919	2.848	10.0	22.1
8 9	22 31.39	−15 24.2	1.870	2.851	6.3	21.9
8 19	22 22.36	−16 11.2	1.847	2.853	2.7	21.7
8 29	22 12.74	−16 54.2	1.852	2.854	3.1	21.7
9 8	22 3.53	−17 28.1	1.885	2.855	6.7	22.0
9 18	21 55.64	−17 49.6	1.944	2.855	10.4	22.2
9 28	21 49.78	−17 57.2	2.027	2.854	13.5	22.4

12917 1998 TG_{16} 8 25.2 272°.50 2°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 30.70	+ 2 28.4	4.449	5.229	7.8	18.8
7 30	22 27.61	+ 2 17.0	4.350	5.222	6.3	18.7
8 9	22 23.74	+ 1 57.0	4.275	5.215	4.6	18.5
8 19	22 19.31	+ 1 29.4	4.226	5.208	3.0	18.4
8 29	22 14.65	+ 0 55.5	4.206	5.201	2.1	18.3
9 8	22 10.09	+ 0 17.3	4.216	5.194	2.9	18.4
9 18	22 5.95	− 0 22.9	4.254	5.187	4.6	18.5
9 28	22 2.54	− 1 2.7	4.320	5.180	6.2	18.6

515252 2012 DZ_{70} 8 25.2 174°.50 2°.6/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.21	− 1 28.2	2.425	3.236	12.5	21.5
7 30	22 34.64	− 1 18.7	2.341	3.237	10.0	21.3
8 9	22 28.49	− 1 21.1	2.279	3.237	7.0	21.2
8 19	22 21.22	− 1 34.2	2.243	3.237	4.1	21.0
8 29	22 13.46	− 1 55.9	2.235	3.237	2.7	20.9
9 8	22 5.97	− 2 22.9	2.255	3.237	4.8	21.0
9 18	21 59.41	− 2 51.4	2.303	3.237	7.8	21.2
9 28	21 54.38	− 3 17.9	2.376	3.237	10.6	21.4

438847 2009 CR_{31} 8 25.2 48°.00 0°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.77	− 7 49.8	1.855	2.709	14.1	21.0
7 30	22 34.00	− 8 36.3	1.784	2.712	10.8	20.8
8 9	22 28.29	− 9 35.9	1.735	2.715	6.9	20.6
8 19	22 21.19	−10 44.1	1.711	2.719	2.6	20.3
8 29	22 13.50	−11 54.4	1.714	2.722	1.8	20.3
9 8	22 6.19	−13 0.3	1.745	2.726	6.1	20.6
9 18	22 0.09	−13 56.1	1.801	2.729	10.0	20.8
9 28	21 55.92	−14 38.1	1.881	2.733	13.3	21.0

389301 2009 QH_{16} 8 25.2 279°.88 0°.5/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 30.82	− 6 18.3	4.365	5.188	7.2	21.2
7 30	22 27.72	− 6 43.5	4.272	5.181	5.5	21.1
8 9	22 23.82	− 7 14.6	4.204	5.175	3.6	20.9
8 19	22 19.36	− 7 50.0	4.165	5.169	1.6	20.8
8 29	22 14.66	− 8 27.6	4.155	5.163	0.8	20.7
9 8	22 10.07	− 9 5.4	4.175	5.156	2.8	20.9
9 18	22 5.92	− 9 41.1	4.223	5.150	4.8	21.0
9 28	22 2.52	−10 12.8	4.299	5.144	6.6	21.1

389725 2011 SJ_{58} 8 25.2 26°.67 3°.1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.76	−16 25.9	1.558	2.435	15.1	20.3
7 30	22 36.56	−17 1.1	1.501	2.442	11.4	20.1
8 9	22 30.02	−17 41.7	1.465	2.450	7.3	19.9
8 19	22 21.86	−18 21.6	1.453	2.458	3.6	19.7
8 29	22 13.12	−18 54.0	1.467	2.467	4.2	19.8
9 8	22 4.98	−19 13.8	1.506	2.477	8.1	20.0
9 18	21 58.46	−19 18.0	1.570	2.486	12.0	20.3
9 28	21 54.29	−19 6.2	1.654	2.497	15.3	20.5

513145 2002 XY_{69} 8 25.2 240°.84 7°.5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 53.29	−32 25.0	2.263	3.106	12.3	22.7
7 30	22 45.87	−33 22.2	2.179	3.085	10.1	22.5
8 9	22 35.97	−34 13.1	2.118	3.064	8.2	22.3
8 19	22 24.21	−34 49.7	2.084	3.041	7.5	22.3
8 29	22 11.60	−35 5.4	2.077	3.017	8.5	22.3
9 8	21 59.38	−34 56.6	2.098	2.992	10.6	22.4
9 18	21 48.66	−34 23.2	2.143	2.967	13.1	22.5
9 28	21 40.34	−33 28.2	2.209	2.940	15.5	22.6

25263 1998 VM_{16} 8 25.2 193°.95 4°.8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.00	−26 56.1	2.869	3.727	9.5	18.6
7 30	22 35.13	−27 55.5	2.802	3.725	7.5	18.4
8 9	22 28.75	−28 52.5	2.760	3.723	5.6	18.3
8 19	22 21.31	−29 42.3	2.745	3.721	4.8	18.3
8 29	22 13.44	−30 20.3	2.759	3.718	5.7	18.3
9 8	22 5.85	−30 43.4	2.800	3.714	7.5	18.4
9 18	21 59.19	−30 50.5	2.866	3.711	9.6	18.6
9 28	21 54.01	−30 41.7	2.955	3.707	11.5	18.7

255992 2006 TN_{102} 8 25.2 63°.14 1°.4/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.08	− 4 50.6	1.969	2.806	14.1	20.8
7 30	22 34.85	− 5 4.3	1.896	2.811	10.9	20.6
8 9	22 28.77	− 5 31.1	1.845	2.816	7.3	20.4
8 19	22 21.36	− 6 8.3	1.819	2.822	3.4	20.2
8 29	22 13.43	− 6 51.6	1.819	2.827	1.8	20.1
9 8	22 5.85	− 7 36.0	1.848	2.832	5.4	20.3
9 18	21 59.46	− 8 16.7	1.902	2.838	9.1	20.6
9 28	21 54.91	− 8 49.6	1.981	2.843	12.4	20.8

435735 2008 UN_{121} 8 25.2 60°.64 1°.3/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.65	− 6 36.0	1.676	2.523	15.7	20.8
7 30	22 37.82	− 6 33.0	1.609	2.530	12.1	20.6
8 9	22 30.78	− 6 42.5	1.562	2.537	8.0	20.4
8 19	22 22.16	− 7 2.0	1.540	2.544	3.6	20.1
8 29	22 12.94	− 7 27.1	1.544	2.552	1.9	20.0
9 8	22 4.22	− 7 52.9	1.575	2.559	6.1	20.3
9 18	21 56.97	− 8 15.0	1.631	2.567	10.3	20.6
9 28	21 51.95	− 8 29.6	1.710	2.575	13.9	20.8

304436 2006 TK_{98} 8 25.2 155°.25 6°.5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.21	−38 1.6	3.365	4.193	9.0	21.8
7 30	22 39.60	−38 59.4	3.319	4.204	7.6	21.7
8 9	22 31.47	−39 48.8	3.299	4.214	6.7	21.6
8 19	22 22.33	−40 25.0	3.305	4.223	6.5	21.6
8 29	22 12.86	−40 44.5	3.339	4.232	7.2	21.7
9 8	22 3.80	−40 45.7	3.398	4.240	8.4	21.8
9 18	21 55.81	−40 29.0	3.482	4.247	9.7	21.9
9 28	21 49.41	−39 56.2	3.587	4.253	11.0	22.0

14744 2092 $P\text{–}L$ 8 25.2 357°.25 0°.6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.76	− 8 37.1	1.458	2.323	16.7	17.6
7 30	22 36.79	− 8 32.9	1.388	2.320	12.9	17.4
8 9	22 30.33	− 8 41.0	1.338	2.318	8.4	17.1
8 19	22 22.04	− 8 58.1	1.310	2.317	3.5	16.8
8 29	22 13.00	− 9 19.6	1.308	2.317	1.9	16.7
9 8	22 4.43	− 9 39.9	1.331	2.317	6.8	17.1
9 18	21 57.48	− 9 54.5	1.379	2.318	11.5	17.3
9 28	21 53.00	− 9 59.7	1.447	2.319	15.5	17.6

135611 2002 JT_{26} 8 25.2 119°.93 3°.0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.31	−14 8.5	1.527	2.398	15.8	20.0
7 30	22 38.57	−15 15.2	1.469	2.408	11.8	19.8
8 9	22 31.36	−16 31.3	1.433	2.417	7.5	19.5
8 19	22 22.41	−17 49.1	1.421	2.427	3.6	19.3
8 29	22 12.79	−18 59.6	1.436	2.436	4.3	19.4
9 8	22 3.78	−19 55.3	1.476	2.444	8.4	19.7
9 18	21 56.44	−20 31.8	1.541	2.453	12.5	19.9
9 28	21 51.59	−20 47.9	1.628	2.461	16.0	20.2

54891 2001 OP_{66} 8 25.2 11°.52 9°.1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.69	−26 25.6	1.048	1.955	18.5	17.3
7 30	22 37.61	−27 34.0	1.007	1.958	14.5	17.1
8 9	22 31.18	−28 37.5	0.983	1.962	10.9	16.9
8 19	22 22.40	−29 24.2	0.980	1.968	9.1	16.8
8 29	22 12.85	−29 43.5	0.998	1.975	10.4	16.9
9 8	22 4.32	−29 30.7	1.037	1.984	13.8	17.2
9 18	21 58.22	−28 47.1	1.096	1.994	17.5	17.4
9 28	21 55.39	−27 37.7	1.171	2.006	20.8	17.7

494546 2017 BZ_{1} 8 25.2 254°.10 2°.2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.74	−17 40.7	2.591	3.439	10.7	21.7
7 30	22 38.09	−17 55.5	2.497	3.423	8.2	21.5
8 9	22 30.73	−18 12.3	2.428	3.406	5.3	21.3
8 19	22 22.12	−18 27.6	2.386	3.389	2.6	21.1
8 29	22 12.96	−18 37.8	2.373	3.372	3.0	21.1
9 8	22 4.02	−18 39.9	2.390	3.354	5.9	21.3
9 18	21 56.05	−18 32.0	2.434	3.336	8.9	21.5
9 28	21 49.70	−18 13.6	2.503	3.318	11.6	21.6

61903 2000 QA_{230} 8 25.2 226°.28 4°.4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.78	−19 25.6	1.678	2.552	14.4	19.3
7 30	22 38.10	−20 19.7	1.613	2.552	10.9	19.1
8 9	22 31.05	−21 17.4	1.570	2.551	7.3	18.8
8 19	22 22.30	−22 11.6	1.551	2.551	4.6	18.7
8 29	22 12.86	−22 54.5	1.559	2.550	5.6	18.7
9 8	22 3.93	−23 20.7	1.593	2.550	9.0	18.9
9 18	21 56.55	−23 27.6	1.651	2.549	12.6	19.2
9 28	21 51.54	−23 15.2	1.729	2.549	15.8	19.4

214647 2006 SL_{69} 8 25.2 353°.64 0°.3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.19	− 7 9.3	1.890	2.740	14.1	20.6
7 30	22 34.32	− 7 39.7	1.814	2.739	10.8	20.4
8 9	22 28.51	− 8 22.8	1.761	2.738	7.0	20.1
8 19	22 21.30	− 9 15.0	1.732	2.738	2.8	19.9
8 29	22 13.48	−10 11.0	1.730	2.738	1.6	19.8
9 8	22 6.01	−11 4.7	1.755	2.737	5.8	20.1
9 18	21 59.73	−11 51.2	1.806	2.737	9.7	20.3
9 28	21 55.36	−12 26.3	1.880	2.737	13.1	20.5

72312 2001 BE_{43} 8 25.2 251°.87 3°.7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.40	− 0 8.1	1.566	2.396	17.4	19.7
7 30	22 37.25	− 0 5.0	1.483	2.389	14.0	19.4
8 9	22 30.67	− 0 21.7	1.420	2.382	10.0	19.2
8 19	22 22.22	− 0 57.4	1.379	2.374	5.8	18.9
8 29	22 12.88	− 1 48.3	1.363	2.366	3.7	18.8
9 8	22 3.84	− 2 47.9	1.373	2.358	6.7	19.0
9 18	21 56.23	− 3 48.9	1.408	2.350	11.0	19.2
9 28	21 51.00	− 4 44.2	1.465	2.341	15.1	19.4

257976 2001 CT_{47} 8 25.2 210°.75 0°.7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.87	−11 45.1	2.733	3.574	10.5	21.4
7 30	22 35.01	−12 6.1	2.646	3.568	7.9	21.2
8 9	22 28.69	−12 32.9	2.584	3.562	5.0	21.0
8 19	22 21.31	−13 2.7	2.549	3.556	1.9	20.8
8 29	22 13.49	−13 32.0	2.543	3.550	1.7	20.8
9 8	22 5.89	−13 57.5	2.567	3.543	4.8	21.0
9 18	21 59.14	−14 16.4	2.619	3.535	7.8	21.2
9 28	21 53.80	−14 27.0	2.696	3.527	10.4	21.4

516393 2000 AB_{22} 8 25.2 297°.01 8°.1/15.3 18

7 20	22 39.60	−32 1.9	2.138	3.007	11.9	20.3
7 30	22 35.64	−33 41.2	2.067	2.988	9.9	20.1
8 9	22 29.52	−35 16.4	2.021	2.969	8.4	20.0
8 19	22 21.75	−36 38.8	2.000	2.950	8.2	19.9
8 29	22 13.20	−37 40.8	2.004	2.931	9.5	20.0
9 8	22 4.90	−38 17.4	2.033	2.913	11.6	20.1
9 18	21 57.86	−38 27.1	2.083	2.894	13.9	20.2
9 28	21 52.90	−38 11.2	2.152	2.876	16.0	20.3

424594 2008 GL_{106} 8 25.2 126°.19 4°.5/21.9 17

7 20	22 45.63	−19 40.3	1.585	2.458	15.2	21.3
7 30	22 40.33	−20 26.4	1.524	2.462	11.5	21.1
8 9	22 32.50	−21 15.3	1.485	2.467	7.6	20.9
8 19	22 22.87	−21 59.6	1.471	2.471	4.7	20.7
8 29	22 12.57	−22 32.0	1.482	2.475	5.6	20.8
9 8	22 2.91	−22 47.2	1.520	2.479	9.1	21.0
9 18	21 54.98	−22 43.3	1.581	2.482	12.9	21.2
9 28	21 49.62	−22 21.0	1.663	2.486	16.2	21.5

444265 2005 UT_{269} 8 25.2 357°.55 10°.5/17.6 15

7 20	22 44.09	−34 52.3	1.484	2.362	15.7	20.7
7 30	22 39.61	−35 53.2	1.434	2.357	13.2	20.5
8 9	22 32.21	−36 42.0	1.404	2.354	11.2	20.4
8 19	22 22.77	−37 8.9	1.397	2.352	10.6	20.4
8 29	22 12.66	−37 6.2	1.411	2.351	11.6	20.4
9 8	22 3.40	−36 31.3	1.448	2.351	13.9	20.6
9 18	21 56.25	−35 26.7	1.505	2.353	16.5	20.7
9 28	21 52.02	−33 57.6	1.581	2.355	19.0	20.9

160550 1998 QM_{36} 8 25.2 314°.44 2°.2/26.7 18

7 20	22 38.12	− 4 26.5	1.537	2.390	16.6	19.2
7 30	22 35.06	− 4 24.4	1.433	2.357	13.2	18.9
8 9	22 29.50	− 4 38.7	1.350	2.324	9.1	18.6
8 19	22 21.88	− 5 8.4	1.289	2.291	4.5	18.2
8 29	22 13.07	− 5 49.7	1.252	2.259	2.5	18.0
9 8	22 4.27	− 6 36.5	1.241	2.228	7.0	18.2
9 18	21 56.74	− 7 22.0	1.253	2.196	12.0	18.4
9 28	21 51.59	− 7 59.7	1.287	2.166	16.5	18.6

209406 2004 EK_{95} 8 25.2 59°.68 4°.0/21.6 16

7 20	22 41.11	−18 29.2	1.774	2.647	13.8	19.8
7 30	22 36.47	−19 32.7	1.731	2.670	10.3	19.7
8 9	22 29.78	−20 39.0	1.711	2.693	6.7	19.5
8 19	22 21.74	−21 41.2	1.716	2.716	4.1	19.4
8 29	22 13.31	−22 32.4	1.748	2.739	5.0	19.5
9 8	22 5.50	−23 7.6	1.806	2.762	8.1	19.8
9 18	21 59.17	−23 24.7	1.888	2.785	11.3	20.0
9 28	21 54.96	−23 23.8	1.992	2.808	14.1	20.2

390131 2012 VW_{62} 8 25.2 286°.01 0°.2/25.3 18

7 20	22 38.14	− 6 49.8	1.767	2.619	14.8	21.0
7 30	22 34.54	− 7 29.8	1.681	2.608	11.4	20.7
8 9	22 28.82	− 8 25.0	1.617	2.596	7.4	20.5
8 19	22 21.49	− 9 31.5	1.578	2.585	2.9	20.2
8 29	22 13.39	−10 43.1	1.565	2.573	1.7	20.0
9 8	22 5.54	−11 52.4	1.579	2.562	6.3	20.3
9 18	21 58.91	−12 53.0	1.619	2.550	10.6	20.6
9 28	21 54.34	−13 40.0	1.681	2.539	14.4	20.8

104266 2000 EW_{146} 8 25.2 264°.43 3°.8/21.1 18

7 20	22 38.60	−16 54.0	1.984	2.854	12.7	19.6
7 30	22 34.77	−18 17.9	1.903	2.841	9.6	19.4
8 9	22 28.91	−19 49.7	1.845	2.828	6.3	19.2
8 19	22 21.52	−21 22.4	1.814	2.814	3.9	19.0
8 29	22 13.39	−22 47.9	1.810	2.801	5.0	19.0
9 8	22 5.48	−23 58.9	1.834	2.787	8.3	19.2
9 18	21 58.72	−24 50.8	1.883	2.773	11.7	19.4
9 28	21 53.89	−25 21.6	1.953	2.759	14.7	19.6

283208 2010 HG_{105} 8 25.2 232°.00 1°.3/26.4 18

7 20	22 39.44	− 4 36.4	1.935	2.772	14.3	20.9
7 30	22 35.26	− 4 56.2	1.854	2.769	11.1	20.6
8 9	22 29.13	− 5 30.2	1.794	2.766	7.4	20.4
8 19	22 21.57	− 6 15.5	1.759	2.763	3.5	20.2
8 29	22 13.38	− 7 7.7	1.752	2.759	1.8	20.0
9 8	22 5.49	− 8 1.1	1.772	2.756	5.6	20.3
9 18	21 58.76	− 8 50.2	1.818	2.752	9.5	20.5
9 28	21 53.94	− 9 30.6	1.888	2.749	12.9	20.7

368110 2013 GA_{39} 8 25.2 63°.17 0°.3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 38.79	− 9 34.3	2.111	2.961	12.8	20.9
7 30	22 34.47	−10 1.6	2.047	2.973	9.7	20.8
8 9	22 28.44	−10 37.8	2.006	2.986	6.1	20.6
8 19	22 21.24	−11 19.4	1.991	2.998	2.3	20.3
8 29	22 13.62	−12 1.5	2.004	3.011	1.7	20.3
9 8	22 6.40	−12 39.7	2.044	3.024	5.4	20.6
9 18	22 0.32	−13 10.2	2.111	3.037	8.8	20.8
9 28	21 55.95	−13 30.5	2.202	3.049	11.8	21.1

12119 Memamis 8 25.2 278°.69 1°.5/26.1 18 R

7 20	22 44.28	− 6 43.9	1.471	2.324	17.2	18.2
7 30	22 39.67	− 6 33.4	1.387	2.312	13.5	17.9
8 9	22 32.36	− 6 36.5	1.323	2.299	9.0	17.6
8 19	22 22.95	− 6 51.0	1.282	2.287	4.1	17.3
8 29	22 12.50	− 7 13.0	1.266	2.274	2.2	17.1
9 8	22 2.38	− 7 36.7	1.276	2.261	7.1	17.4
9 18	21 53.85	− 7 57.1	1.310	2.249	12.0	17.7
9 28	21 47.95	− 8 9.6	1.366	2.236	16.3	17.9

73872 Stefanoragazzi 8 25.2 177°.82 4°.8/20.7 18

7 20	22 43.62	−19 41.6	1.799	2.669	13.8	20.4
7 30	22 38.66	−21 4.1	1.734	2.670	10.5	20.2
8 9	22 31.40	−22 30.9	1.693	2.672	7.1	20.0
8 19	22 22.48	−23 53.9	1.677	2.673	4.9	19.9
8 29	22 12.85	−25 4.4	1.688	2.673	6.1	19.9
9 8	22 3.66	−25 56.0	1.726	2.672	9.2	20.1
9 18	21 55.94	−26 25.6	1.788	2.671	12.6	20.3
9 28	21 50.49	−26 32.9	1.872	2.670	15.6	20.5

435781 2008 UD_{310} 8 25.2 345°.47 9°.1/20.3 18

7 20	22 49.29	−30 50.6	1.355	2.234	16.9	19.5
7 30	22 43.77	−31 25.1	1.295	2.226	13.7	19.3
8 9	22 35.00	−31 50.0	1.255	2.219	10.7	19.1
8 19	22 23.91	−31 55.5	1.236	2.214	9.2	19.0
8 29	22 12.02	−31 33.7	1.242	2.208	10.1	19.0
9 8	22 1.04	−30 42.1	1.270	2.204	13.0	19.2
9 18	21 52.40	−29 23.4	1.320	2.201	16.3	19.4
9 28	21 47.03	−27 43.4	1.389	2.199	19.5	19.6

42197 2001 DM_{23} 8 25.2 343°.08 2°.0/23.1 18

7 20	22 36.01	−12 32.3	2.029	2.893	12.7	18.9
7 30	22 32.62	−13 35.2	1.954	2.890	9.5	18.7
8 9	22 27.42	−14 47.5	1.903	2.887	6.0	18.5
8 19	22 20.91	−16 3.8	1.877	2.884	2.6	18.2
8 29	22 13.83	−17 17.4	1.879	2.881	3.1	18.3
9 8	22 7.05	−18 22.1	1.909	2.879	6.6	18.5
9 18	22 1.35	−19 13.1	1.964	2.877	10.1	18.7
9 28	21 57.41	−19 47.7	2.042	2.875	13.2	18.9

221957 1995 FZ_{19} 8 25.2 131°.40 1°.7/23.4 18

7 20	22 39.73	−14 53.3	2.611	3.462	10.6	21.4
7 30	22 34.91	−15 23.0	2.542	3.470	7.9	21.2
8 9	22 28.61	−15 56.9	2.497	3.478	5.0	21.0
8 19	22 21.31	−16 31.3	2.479	3.485	2.2	20.8
8 29	22 13.63	−17 2.3	2.491	3.492	2.5	20.9
9 8	22 6.27	−17 26.6	2.531	3.499	5.3	21.1
9 18	21 59.86	−17 41.8	2.598	3.506	8.2	21.3
9 28	21 54.93	−17 46.6	2.690	3.513	10.7	21.5

398433 2011 UA_{27} 8 25.2 335°.97 1°.7/23.7 18

7 20	22 38.93	−12 39.8	1.874	2.738	13.6	21.3
7 30	22 34.94	−13 19.7	1.800	2.735	10.2	21.1
8 9	22 28.96	−14 8.3	1.749	2.732	6.5	20.9
8 19	22 21.53	−15 0.7	1.723	2.730	2.6	20.6
8 29	22 13.47	−15 50.9	1.724	2.728	2.8	20.7
9 8	22 5.78	−16 33.1	1.751	2.726	6.7	20.9
9 18	21 59.33	−17 3.2	1.804	2.724	10.5	21.1
9 28	21 54.85	−17 18.9	1.880	2.722	13.8	21.3

294876 2008 CQ_{205} 8 25.2 279°.61 0°.5/24.9 18

7 20	22 43.84	−10 5.2	1.510	2.371	16.4	22.3
7 30	22 39.45	−10 20.0	1.418	2.349	12.7	22.0
8 9	22 32.32	−10 47.2	1.345	2.327	8.2	21.7
8 19	22 23.00	−11 23.0	1.296	2.304	3.2	21.3
8 29	22 12.51	−12 1.5	1.273	2.281	2.3	21.2
9 8	22 2.19	−12 35.7	1.276	2.258	7.6	21.4
9 18	21 53.37	−13 0.3	1.303	2.234	12.7	21.7
9 28	21 47.15	−13 11.2	1.351	2.210	17.1	21.9

218128 2002 PQ_{178} 8 25.2 298°.94 6°.3/28.8 18

7 20	22 41.95	+ 2 16.8	1.457	2.281	18.8	20.5
7 30	22 38.18	+ 3 5.7	1.357	2.254	15.6	20.2
8 9	22 31.65	+ 3 36.1	1.275	2.226	11.9	19.9
8 19	22 22.80	+ 3 45.6	1.214	2.199	8.2	19.6
8 29	22 12.60	+ 3 33.7	1.177	2.172	6.3	19.4
9 8	22 2.37	+ 3 3.9	1.164	2.144	8.5	19.5
9 18	21 53.52	+ 2 22.1	1.175	2.117	12.7	19.6
9 28	21 47.27	+ 1 36.5	1.207	2.091	17.1	19.8

260565 2005 ET_{223} 8 25.2 68°.31 0°.8/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.35	− 9 6.3	1.344	2.212	17.6	20.6
7 30	22 38.00	− 9 49.5	1.292	2.228	13.3	20.4
8 9	22 31.07	−10 47.3	1.260	2.244	8.4	20.1
8 19	22 22.36	−11 53.2	1.252	2.260	3.1	19.9
8 29	22 13.04	−12 58.9	1.269	2.276	2.5	19.9
9 8	22 4.44	−13 56.1	1.311	2.292	7.5	20.2
9 18	21 57.66	−14 39.1	1.377	2.308	12.1	20.5
9 28	21 53.50	−15 4.8	1.464	2.324	16.0	20.8

337977 2002 CG_{124} 8 25.2 64°.20 1°.7/26.3 18

7 20	22 45.22	− 6 28.9	1.590	2.436	16.5	19.9
7 30	22 39.82	− 6 12.3	1.530	2.449	12.8	19.7
8 9	22 32.08	− 6 8.1	1.489	2.463	8.5	19.5
8 19	22 22.73	− 6 14.1	1.473	2.477	3.9	19.3
8 29	22 12.83	− 6 26.7	1.483	2.491	2.1	19.2
9 8	22 3.54	− 6 41.3	1.520	2.505	6.3	19.5
9 18	21 55.89	− 6 53.8	1.582	2.519	10.5	19.8
9 28	21 50.62	− 7 0.6	1.667	2.533	14.1	20.0

245909 2006 QL_{131} 8 25.2 12°.00 4°.7/29.4 18

7 20	22 38.62	+ 3 29.9	1.852	2.659	16.0	20.2
7 30	22 34.72	+ 3 42.1	1.773	2.659	13.1	20.0
8 9	22 28.84	+ 3 35.2	1.714	2.660	9.8	19.8
8 19	22 21.51	+ 3 9.3	1.678	2.661	6.5	19.6
8 29	22 13.54	+ 2 27.1	1.667	2.662	4.7	19.5
9 8	22 5.89	+ 1 33.5	1.683	2.664	6.3	19.6
9 18	21 59.44	+ 0 34.6	1.725	2.665	9.5	19.8
9 28	21 54.93	− 0 23.0	1.790	2.667	12.7	20.0

361533 2007 HM_{68} 8 25.2 277°.55 2°.8/28.4 18

7 20	22 35.85	+ 1 12.0	2.342	3.150	13.0	20.3
7 30	22 32.27	+ 0 50.4	2.251	3.144	10.4	20.1
8 9	22 27.11	+ 0 12.9	2.183	3.137	7.5	19.9
8 19	22 20.81	− 0 38.9	2.139	3.131	4.4	19.7
8 29	22 13.97	− 1 41.7	2.123	3.125	2.8	19.6
9 8	22 7.34	− 2 50.4	2.134	3.118	4.8	19.7
9 18	22 1.60	− 3 59.8	2.174	3.112	7.9	19.9
9 28	21 57.36	− 5 4.5	2.238	3.106	10.9	20.1

32875 1993 FQ_{58} 8 25.2 262°.10 0°.2/25.4 18

7 20	22 38.50	− 7 45.8	2.193	3.036	12.6	20.2
7 30	22 34.41	− 8 13.7	2.105	3.026	9.7	20.0
8 9	22 28.55	− 8 52.6	2.038	3.015	6.3	19.7
8 19	22 21.39	− 9 39.2	1.998	3.005	2.5	19.5
8 29	22 13.61	−10 29.2	1.986	2.994	1.5	19.4
9 8	22 6.06	−11 17.4	2.002	2.983	5.3	19.6
9 18	21 59.51	−11 59.4	2.044	2.972	9.0	19.8
9 28	21 54.63	−12 31.7	2.111	2.961	12.2	20.0

513180 2004 XU_{146} 8 25.2 272°.60 9°.4/12.5 18

7 20	22 42.05	−30 33.4	1.918	2.789	13.0	20.8
7 30	22 38.06	−33 27.1	1.845	2.767	10.8	20.6
8 9	22 31.47	−36 21.5	1.799	2.744	9.5	20.5
8 19	22 22.72	−39 3.7	1.780	2.721	9.7	20.5
8 29	22 12.70	−41 20.8	1.789	2.697	11.5	20.5
9 8	22 2.67	−43 4.3	1.822	2.674	14.0	20.6
9 18	21 53.93	−44 10.9	1.876	2.649	16.5	20.8
9 28	21 47.62	−44 42.2	1.947	2.625	18.8	20.9

508877 2003 KB_{12} 8 25.2 124°.36 2°.3/28.3 18

7 20	22 38.15	+ 1 14.2	2.877	3.669	11.3	22.6
7 30	22 33.55	+ 0 45.3	2.805	3.688	8.9	22.5
8 9	22 27.68	+ 0 3.6	2.756	3.706	6.3	22.3
8 19	22 20.96	− 0 48.9	2.733	3.724	3.7	22.2
8 29	22 13.92	− 1 49.1	2.740	3.741	2.3	22.1
9 8	22 7.16	− 2 52.8	2.776	3.758	4.0	22.3
9 18	22 1.20	− 3 55.8	2.842	3.774	6.6	22.4
9 28	21 56.53	− 4 54.4	2.934	3.790	9.0	22.6

318556 2005 GQ_{74} 8 25.2 91°.87 1°.1/26.1 17

7 20	22 43.59	− 5 2.7	1.502	2.349	17.2	21.2
7 30	22 38.69	− 5 29.9	1.446	2.367	13.2	21.0
8 9	22 31.41	− 6 13.8	1.410	2.385	8.7	20.8
8 19	22 22.48	− 7 10.0	1.398	2.403	3.8	20.6
8 29	22 13.00	− 8 11.9	1.412	2.420	1.9	20.5
9 8	22 4.16	− 9 12.0	1.452	2.437	6.5	20.8
9 18	21 57.00	−10 3.9	1.518	2.454	10.9	21.1
9 28	21 52.26	−10 43.2	1.606	2.470	14.6	21.4

280565 2004 TG_{2} 8 25.2 336°.03 0°.4/24.9 18

7 20	22 38.34	− 9 4.7	1.408	2.280	16.7	20.7
7 30	22 35.16	− 9 30.1	1.333	2.271	12.9	20.5
8 9	22 29.45	−10 10.1	1.279	2.263	8.3	20.2
8 19	22 21.84	−11 0.1	1.248	2.255	3.2	19.9
8 29	22 13.35	−11 53.3	1.241	2.249	2.2	19.8
9 8	22 5.26	−12 41.9	1.259	2.242	7.4	20.1
9 18	21 58.74	−13 19.6	1.300	2.237	12.2	20.4
9 28	21 54.71	−13 42.3	1.362	2.232	16.4	20.6

186711 2004 BU_{87} 8 25.2 217°.85 2°.1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.96	−12 57.9	1.905	2.761	13.7	21.1
7 30	22 38.10	−13 51.6	1.822	2.753	10.4	20.9
8 9	22 31.07	−14 55.0	1.763	2.744	6.6	20.6
8 19	22 22.42	−16 2.5	1.729	2.735	2.8	20.4
8 29	22 13.00	−17 7.0	1.723	2.725	3.3	20.4
9 8	22 3.87	−18 2.1	1.745	2.715	7.2	20.6
9 18	21 56.00	−18 43.1	1.792	2.703	11.1	20.8
9 28	21 50.21	−19 7.4	1.863	2.691	14.5	21.0

220175 2002 TK_{335} 8 25.2 238°.39 1°.1/26.2 18

7 20	22 40.04	− 4 7.0	1.692	2.534	15.8	21.5
7 30	22 36.08	− 4 45.0	1.608	2.527	12.3	21.3
8 9	22 29.88	− 5 41.1	1.545	2.519	8.2	21.0
8 19	22 21.98	− 6 51.8	1.506	2.511	3.7	20.7
8 29	22 13.27	− 8 10.8	1.494	2.503	1.8	20.6
9 8	22 4.83	− 9 30.2	1.509	2.494	6.3	20.9
9 18	21 57.71	−10 42.6	1.550	2.485	10.8	21.1
9 28	21 52.76	−11 42.0	1.613	2.476	14.7	21.3

193549 2000 YE_{122} 8 25.2 282°.00 3°.6/22.2 18

7 20	22 41.14	−17 7.3	1.719	2.591	14.2	19.9
7 30	22 36.90	−18 1.7	1.646	2.585	10.7	19.7
8 9	22 30.37	−19 2.3	1.596	2.580	7.0	19.5
8 19	22 22.16	−20 2.5	1.571	2.574	3.9	19.3
8 29	22 13.20	−20 54.7	1.572	2.568	4.8	19.3
9 8	22 4.65	−21 32.6	1.599	2.562	8.4	19.5
9 18	21 57.52	−21 52.7	1.651	2.556	12.2	19.8
9 28	21 52.64	−21 53.8	1.724	2.551	15.5	20.0

197860 2004 QO_{25} 8 25.2 301°.01 10°.7/31.8 18

7 20	22 46.23	+12 45.7	1.746	2.492	19.0	19.4
7 30	22 40.94	+14 30.2	1.660	2.485	16.7	19.2
8 9	22 33.13	+15 54.6	1.593	2.479	14.3	19.0
8 19	22 23.32	+16 53.4	1.547	2.472	12.0	18.8
8 29	22 12.45	+17 23.0	1.524	2.466	10.8	18.8
9 8	22 1.74	+17 23.6	1.525	2.460	11.1	18.8
9 18	21 52.38	+16 59.4	1.549	2.453	12.9	18.9
9 28	21 45.39	+16 18.0	1.596	2.447	15.4	19.0

347998 2003 SA_{209} 8 25.2 348°.66 4°.4/26.7 18

7 20	22 42.69	− 7 4.9	1.092	1.968	20.2	19.1
7 30	22 39.20	− 5 31.3	1.018	1.953	16.2	18.8
8 9	22 32.45	− 4 5.7	0.962	1.939	11.4	18.5
8 19	22 23.14	− 2 50.2	0.927	1.928	6.4	18.2
8 29	22 12.58	− 1 46.7	0.914	1.918	4.6	18.0
9 8	22 2.50	− 0 54.7	0.924	1.911	8.7	18.2
9 18	21 54.46	− 0 12.5	0.955	1.906	13.9	18.5
9 28	21 49.69	+ 0 23.8	1.006	1.903	18.6	18.8

106810 2000 XY_{39} 8 25.2 337°.77 2°.4/24.1 18

7 20	22 48.55	−17 25.8	1.383	2.256	16.9	17.9
7 30	22 43.04	−17 4.2	1.308	2.247	13.0	17.6
8 9	22 34.55	−16 43.9	1.254	2.238	8.4	17.3
8 19	22 23.84	−16 20.7	1.223	2.229	3.7	17.0
8 29	22 12.21	−15 50.1	1.217	2.222	3.6	17.0
9 8	22 1.18	−15 9.5	1.237	2.215	8.4	17.3
9 18	21 52.13	−14 18.4	1.281	2.209	13.1	17.5
9 28	21 46.04	−13 18.0	1.346	2.204	17.3	17.8

511249 2014 BC_{40} 8 25.2 210°.30 2°.8/22.4 18

7 20	22 42.35	−16 25.2	2.250	3.106	11.9	22.2
7 30	22 37.31	−17 17.6	2.169	3.100	9.0	22.0
8 9	22 30.41	−18 15.4	2.112	3.092	5.8	21.8
8 19	22 22.14	−19 13.4	2.082	3.085	3.1	21.6
8 29	22 13.25	−20 5.6	2.080	3.076	3.8	21.7
9 8	22 4.63	−20 47.2	2.106	3.067	6.9	21.9
9 18	21 57.10	−21 14.8	2.159	3.057	10.1	22.0
9 28	21 51.37	−21 27.1	2.236	3.047	12.9	22.2

365285 2009 RU_{6} 8 25.2 326°.91 3°.0/28.2 18

7 20	22 33.80	+ 0 52.3	1.884	2.711	15.0	20.2
7 30	22 31.18	+ 0 28.7	1.790	2.694	12.1	19.9
8 9	22 26.68	− 0 14.7	1.715	2.676	8.6	19.7
8 19	22 20.74	− 1 16.5	1.665	2.660	5.0	19.5
8 29	22 14.08	− 2 32.6	1.640	2.644	3.0	19.3
9 8	22 7.60	− 3 56.3	1.642	2.628	5.6	19.4
9 18	22 2.16	− 5 20.3	1.670	2.614	9.5	19.6
9 28	21 58.53	− 6 37.4	1.721	2.600	13.1	19.8

137450 1999 TG_{273} 8 25.2 271°.96 5°.7/27.4 18

7 20	22 54.64	− 1 47.5	1.585	2.396	18.1	19.0
7 30	22 47.62	− 0 17.5	1.489	2.381	14.8	18.8
8 9	22 37.58	+ 1 3.3	1.414	2.366	10.9	18.5
8 19	22 25.12	+ 2 12.0	1.364	2.351	7.2	18.3
8 29	22 11.36	+ 3 6.4	1.341	2.335	5.7	18.1
9 8	21 57.78	+ 3 46.3	1.346	2.320	8.4	18.3
9 18	21 45.84	+ 4 13.6	1.377	2.304	12.5	18.5
9 28	21 36.71	+ 4 32.5	1.431	2.288	16.5	18.7

167155 2003 SU_{218} 8 25.2 278.°29 4.°0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.03	−19 7.3	1.833	2.703	13.5	19.8
7 30	22 37.44	−19 54.7	1.761	2.698	10.3	19.5
8 9	22 30.65	−20 45.8	1.712	2.693	6.8	19.3
8 19	22 22.26	−21 34.1	1.688	2.688	4.2	19.2
8 29	22 13.19	−22 12.9	1.691	2.683	5.0	19.2
9 8	22 4.53	−22 37.1	1.720	2.678	8.3	19.4
9 18	21 57.26	−22 44.0	1.773	2.673	11.8	19.6
9 28	21 52.16	−22 33.2	1.849	2.668	14.9	19.8

316018 2009 FC_{24} 8 25.2 103.°57 1.°7/26.5 17

7 20	22 42.91	− 3 22.9	1.479	2.323	17.6	21.3
7 30	22 38.29	− 3 51.8	1.419	2.337	13.7	21.1
8 9	22 31.25	− 4 39.8	1.378	2.351	9.1	20.9
8 19	22 22.48	− 5 42.7	1.361	2.364	4.3	20.6
8 29	22 13.08	− 6 53.8	1.369	2.377	2.1	20.5
9 8	22 4.27	− 8 4.9	1.404	2.389	6.5	20.8
9 18	21 57.11	− 9 8.5	1.464	2.402	11.0	21.1
9 28	21 52.40	− 9 59.4	1.546	2.414	14.9	21.4

469623 2004 RC_{163} 8 25.2 350.°83 1.°0/24.6 18

7 20	22 38.27	−11 28.3	1.194	2.081	18.1	20.8
7 30	22 35.47	−11 37.1	1.127	2.073	13.8	20.5
8 9	22 29.83	−11 58.2	1.079	2.066	8.9	20.2
8 19	22 22.05	−12 26.6	1.052	2.061	3.4	19.9
8 29	22 13.32	−12 55.6	1.049	2.056	2.7	19.9
9 8	22 5.14	−13 17.9	1.069	2.054	8.2	20.2
9 18	21 58.80	−13 28.6	1.110	2.052	13.4	20.5
9 28	21 55.31	−13 24.4	1.172	2.052	17.8	20.7

455019 2015 TF_{306} 8 25.2 334.°12 5.°8/19.2 18

7 20	22 39.44	−25 32.5	2.084	2.957	12.0	20.3
7 30	22 35.30	−26 39.5	2.019	2.953	9.4	20.1
8 9	22 29.19	−27 45.2	1.978	2.948	7.0	19.9
8 19	22 21.67	−28 42.8	1.962	2.944	5.8	19.9
8 29	22 13.58	−29 25.6	1.973	2.940	6.9	19.9
9 8	22 5.86	−29 49.5	2.009	2.937	9.3	20.1
9 18	21 59.38	−29 52.8	2.070	2.934	12.0	20.2
9 28	21 54.86	−29 36.2	2.151	2.931	14.4	20.4

389018 2008 UR_{225} 8 25.2 307.°46 2.°7/23.1 18

7 20	22 39.50	−14 3.3	1.581	2.456	15.1	20.8
7 30	22 35.89	−14 52.4	1.503	2.444	11.4	20.5
8 9	22 29.88	−15 51.5	1.446	2.432	7.3	20.3
8 19	22 22.03	−16 54.5	1.413	2.420	3.3	20.0
8 29	22 13.33	−17 53.5	1.406	2.408	4.0	20.0
9 8	22 4.96	−18 41.0	1.425	2.397	8.2	20.2
9 18	21 58.04	−19 12.0	1.467	2.386	12.5	20.5
9 28	21 53.47	−19 24.1	1.531	2.376	16.2	20.7

92749 2000 QT_{111} 8 25.2 153.°15 1.°2/24.2 18

7 20	22 43.08	−11 50.7	1.882	2.736	13.9	19.7
7 30	22 38.04	−12 22.3	1.812	2.741	10.5	19.4
8 9	22 30.93	−13 2.5	1.764	2.745	6.7	19.2
8 19	22 22.35	−13 46.7	1.742	2.749	2.6	19.0
8 29	22 13.18	−14 29.3	1.747	2.753	2.4	19.0
9 8	22 4.43	−15 4.9	1.780	2.756	6.5	19.2
9 18	21 57.03	−15 29.9	1.839	2.759	10.3	19.5
9 28	21 51.69	−15 42.0	1.921	2.762	13.6	19.7

243302 2008 FA_{37} 8 25.2 322.°87 4.°7/21.8 18

7 20	22 43.78	−22 16.0	1.776	2.649	13.8	20.1
7 30	22 38.90	−22 41.8	1.699	2.636	10.6	19.8
8 9	22 31.66	−23 7.4	1.645	2.623	7.3	19.6
8 19	22 22.68	−23 26.7	1.614	2.611	4.9	19.4
8 29	22 12.96	−23 33.7	1.610	2.600	5.7	19.5
9 8	22 3.68	−23 24.4	1.632	2.589	8.9	19.6
9 18	21 55.89	−22 57.7	1.679	2.578	12.4	19.8
9 28	21 50.44	−22 14.4	1.747	2.568	15.6	20.0

477512 2010 CL_{155} 8 25.2 166.°73 1.°8/23.7 16

7 20	22 45.63	−15 7.9	2.109	2.960	12.8	21.6
7 30	22 39.75	−15 26.3	2.036	2.963	9.7	21.4
8 9	22 31.92	−15 49.2	1.986	2.966	6.1	21.2
8 19	22 22.71	−16 12.5	1.963	2.969	2.7	21.0
8 29	22 12.97	−16 31.6	1.969	2.972	2.8	21.0
9 8	22 3.65	−16 42.8	2.003	2.973	6.3	21.3
9 18	21 55.62	−16 43.8	2.063	2.975	9.8	21.5
9 28	21 49.55	−16 33.7	2.148	2.976	12.8	21.7

166037 2002 BR_{25} 8 25.2 118.°02 2.°8/27.3 17

7 20	22 44.94	− 1 59.6	1.583	2.414	17.2	20.2
7 30	22 39.69	− 2 3.2	1.519	2.427	13.6	20.0
8 9	22 32.09	− 2 24.8	1.475	2.441	9.4	19.8
8 19	22 22.81	− 3 1.9	1.455	2.453	5.0	19.6
8 29	22 12.91	− 3 49.8	1.460	2.466	2.9	19.5
9 8	22 3.57	− 4 42.0	1.493	2.477	6.3	19.7
9 18	21 55.83	− 5 32.1	1.551	2.489	10.5	20.0
9 28	21 50.47	− 6 14.6	1.632	2.499	14.2	20.3

46562 1991 RV 8 25.2 342.°92 1.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 31.86	−10 8.5	0.986	1.891	19.5	17.6
7 30	22 31.11	−10 43.9	0.918	1.874	15.0	17.3
8 9	22 27.35	−11 38.9	0.867	1.859	9.6	17.0
8 19	22 21.19	−12 47.3	0.836	1.845	3.7	16.6
8 29	22 13.85	−13 58.6	0.826	1.833	3.4	16.5
9 8	22 6.95	−15 1.0	0.836	1.823	9.5	16.8
9 18	22 2.01	−15 45.4	0.867	1.815	15.3	17.1
9 28	22 0.16	−16 6.2	0.915	1.809	20.3	17.4

329737 2003 YG_{86} 8 25.2 297.°24 2.°0/23.8 18

7 20	22 40.10	−11 35.8	1.374	2.251	16.8	20.6
7 30	22 36.86	−12 21.1	1.286	2.227	12.9	20.3
8 9	22 30.84	−13 21.6	1.217	2.203	8.3	20.0
8 19	22 22.53	−14 31.5	1.171	2.179	3.3	19.7
8 29	22 13.00	−15 42.0	1.150	2.155	3.6	19.6
9 8	22 3.63	−16 43.5	1.154	2.132	8.8	19.9
9 18	21 55.82	−17 28.6	1.180	2.108	14.0	20.1
9 28	21 50.74	−17 52.8	1.226	2.085	18.6	20.3

71719 2000 GT_{137} 8 25.2 259.°26 6.°3/30.5 18

7 20	22 41.45	+ 7 28.9	2.122	2.892	15.4	19.4
7 30	22 36.82	+ 8 8.8	2.023	2.879	13.0	19.2
8 9	22 30.24	+ 8 31.1	1.945	2.865	10.3	19.0
8 19	22 22.15	+ 8 34.2	1.889	2.851	7.8	18.8
8 29	22 13.28	+ 8 18.2	1.860	2.837	6.4	18.7
9 8	22 4.54	+ 7 45.8	1.857	2.823	7.2	18.7
9 18	21 56.81	+ 7 1.5	1.880	2.808	9.6	18.8
9 28	21 50.89	+ 6 11.4	1.927	2.793	12.5	19.0

69981 1998 WE_{16} 8 25.2 240.°27 2.°6/22.2 18

7 20	22 38.33	−17 12.6	2.547	3.406	10.6	19.8
7 30	22 34.07	−17 59.7	2.467	3.400	8.0	19.6
8 9	22 28.24	−18 50.7	2.412	3.393	5.1	19.4
8 19	22 21.29	−19 41.2	2.384	3.386	2.8	19.2
8 29	22 13.85	−20 26.5	2.384	3.379	3.5	19.3
9 8	22 6.64	−21 2.3	2.412	3.371	6.2	19.4
9 18	22 0.36	−21 26.1	2.467	3.364	9.0	19.6
9 28	21 55.57	−21 36.5	2.546	3.356	11.6	19.8

181052 2005 PO_{8} 8 25.2 71.°20 2.°6/23.3 17

7 20	22 43.59	−13 42.2	1.420	2.293	16.6	20.1
7 30	22 38.85	−14 31.8	1.371	2.310	12.4	19.8
8 9	22 31.60	−15 30.5	1.342	2.327	7.8	19.6
8 19	22 22.62	−16 30.9	1.338	2.344	3.4	19.4
8 29	22 13.09	−17 24.9	1.359	2.361	3.9	19.5
9 8	22 4.29	−18 5.5	1.405	2.379	8.2	19.8
9 18	21 57.31	−18 29.2	1.476	2.396	12.4	20.1
9 28	21 52.89	−18 34.7	1.567	2.412	15.9	20.4

505713 2015 AA_{137} 8 25.2 315.°12 2.°6/26.6 17

7 20	22 42.44	− 5 40.3	1.211	2.077	19.3	20.9
7 30	22 38.84	− 5 12.8	1.131	2.062	15.3	20.6
8 9	22 32.18	− 5 1.0	1.069	2.047	10.5	20.3
8 19	22 23.07	− 5 3.9	1.029	2.032	5.2	19.9
8 29	22 12.72	− 5 18.1	1.011	2.018	3.0	19.8
9 8	22 2.69	− 5 37.8	1.017	2.004	7.9	20.0
9 18	21 54.49	− 5 56.9	1.045	1.992	13.4	20.3
9 28	21 49.31	− 6 9.5	1.092	1.980	18.2	20.5

288052 2003 UN_{293} 8 25.2 0.°12 5.°9/19.5 18

7 20	22 32.56	−16 52.9	1.240	2.142	16.5	18.6
7 30	22 31.08	−19 1.2	1.184	2.139	12.4	18.4
8 9	22 27.01	−21 21.3	1.149	2.138	8.3	18.1
8 19	22 20.96	−23 40.5	1.138	2.137	6.0	18.0
8 29	22 14.06	−25 44.1	1.151	2.138	7.9	18.1
9 8	22 7.66	−27 20.4	1.187	2.140	11.8	18.3
9 18	22 2.96	−28 23.3	1.244	2.143	15.8	18.6
9 28	22 0.87	−28 52.0	1.320	2.147	19.3	18.8

299230 2005 JR_{130} 8 25.2 50.°71 3.°0/22.7 18

7 20	22 40.63	−16 7.3	1.807	2.677	13.7	20.5
7 30	22 36.29	−16 54.0	1.744	2.682	10.3	20.3
8 9	22 29.86	−17 46.5	1.703	2.687	6.6	20.1
8 19	22 21.96	−18 38.8	1.688	2.692	3.4	19.9
8 29	22 13.50	−19 24.3	1.699	2.698	4.0	20.0
9 8	22 5.50	−19 57.8	1.737	2.704	7.5	20.2
9 18	21 58.88	−20 16.0	1.800	2.709	11.1	20.4
9 28	21 54.35	−20 17.9	1.885	2.715	14.2	20.7

6350 Schlüter 8 25.2 314.°29 0.°4/24.9 18

7 20	22 41.82	−11 40.8	2.091	2.941	12.9	16.9
7 30	22 36.99	−11 40.3	2.006	2.932	9.8	16.7
8 9	22 30.25	−11 46.2	1.945	2.924	6.3	16.5
8 19	22 22.12	−11 55.7	1.909	2.916	2.4	16.2
8 29	22 13.38	−12 5.4	1.901	2.908	1.7	16.1
9 8	22 4.95	−12 11.6	1.920	2.900	5.7	16.4
9 18	21 57.66	−12 11.7	1.967	2.893	9.4	16.6
9 28	21 52.23	−12 3.9	2.037	2.886	12.6	16.8

262100 2006 RG_{93} 8 25.2 54.°61 1.°5/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.21	− 4 39.5	1.227	2.089	19.3	20.5
7 30	22 38.05	− 4 59.4	1.180	2.109	14.9	20.3
8 9	22 31.20	− 5 39.0	1.151	2.128	9.8	20.1
8 19	22 22.51	− 6 33.6	1.144	2.148	4.4	19.8
8 29	22 13.23	− 7 35.4	1.161	2.169	2.2	19.8
9 8	22 4.75	− 8 35.8	1.203	2.190	7.1	20.1
9 18	21 58.21	− 9 27.5	1.268	2.210	11.9	20.5
9 28	21 54.39	−10 5.3	1.354	2.231	16.0	20.8

14643 Morata 8 25.2 342.°57 0.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.71	−13 35.5	1.079	1.970	19.3	16.3
7 30	22 39.30	−13 0.9	1.008	1.955	14.9	16.0
8 9	22 32.57	−12 32.3	0.954	1.942	9.7	15.7
8 19	22 23.24	−12 6.6	0.921	1.929	3.8	15.3
8 29	22 12.71	−11 39.6	0.910	1.919	2.6	15.2
9 8	22 2.72	−11 7.5	0.922	1.909	8.7	15.5
9 18	21 54.89	−10 28.3	0.956	1.902	14.4	15.8
9 28	21 50.36	− 9 40.9	1.008	1.896	19.3	16.1

439275 2012 UY_{38} 8 25.2 350.°32 3.°6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.37	−18 1.8	1.492	2.370	15.6	20.9
7 30	22 38.87	−18 26.1	1.425	2.367	11.9	20.7
8 9	22 31.77	−18 54.3	1.379	2.364	7.7	20.4
8 19	22 22.79	−19 20.3	1.357	2.361	4.1	20.2
8 29	22 13.06	−19 37.3	1.360	2.359	4.7	20.2
9 8	22 3.89	−19 40.4	1.388	2.358	8.7	20.5
9 18	21 56.44	−19 27.4	1.440	2.357	12.8	20.7
9 28	21 51.58	−18 58.2	1.512	2.356	16.4	20.9

145973 2000 AR_{43} 8 25.2 231.°98 0.°3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.57	− 7 25.4	1.795	2.641	14.9	21.6
7 30	22 37.95	− 7 51.8	1.709	2.631	11.5	21.4
8 9	22 31.09	− 8 31.6	1.645	2.622	7.5	21.1
8 19	22 22.54	− 9 21.2	1.605	2.612	3.0	20.8
8 29	22 13.18	−10 15.3	1.593	2.601	1.7	20.7
9 8	22 4.09	−11 7.3	1.608	2.590	6.3	21.0
9 18	21 56.29	−11 51.8	1.649	2.578	10.6	21.2
9 28	21 50.62	−12 24.5	1.712	2.566	14.4	21.4

316941 2001 CY_{45} 8 25.2 172.°85 7.°7/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.43	−39 35.0	2.910	3.742	10.2	21.1
7 30	22 40.15	−40 35.7	2.861	3.744	8.8	21.0
8 9	22 32.08	−41 26.3	2.836	3.746	7.9	21.0
8 19	22 22.79	−42 1.4	2.837	3.748	7.7	21.0
8 29	22 13.09	−42 16.9	2.863	3.750	8.5	21.0
9 8	22 3.86	−42 10.9	2.914	3.751	9.7	21.1
9 18	21 55.86	−41 44.1	2.988	3.751	11.2	21.2
9 28	21 49.72	−40 58.9	3.082	3.751	12.6	21.4

476721 2008 UV_{4} 8 25.2 326.°06 0.°6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.62	− 9 26.2	1.383	2.252	17.2	21.0
7 30	22 37.86	− 9 12.1	1.301	2.235	13.4	20.7
8 9	22 31.37	− 9 9.0	1.238	2.219	8.8	20.4
8 19	22 22.74	− 9 14.4	1.197	2.204	3.6	20.1
8 29	22 13.06	− 9 24.0	1.181	2.190	2.0	19.9
9 8	22 3.71	− 9 32.7	1.190	2.176	7.4	20.2
9 18	21 55.99	− 9 35.8	1.222	2.163	12.4	20.5
9 28	21 50.95	− 9 30.0	1.275	2.151	16.9	20.7

59988 1999 SH_{16} 8 25.2 51.°27 6.°4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.80	+ 4 6.4	1.528	2.337	18.7	17.5
7 30	22 38.90	+ 4 57.1	1.468	2.353	15.4	17.3
8 9	22 31.64	+ 5 26.8	1.428	2.369	11.7	17.2
8 19	22 22.70	+ 5 34.0	1.409	2.386	8.2	17.0
8 29	22 13.15	+ 5 20.5	1.415	2.403	6.4	16.9
9 8	22 4.19	+ 4 50.6	1.446	2.421	7.7	17.1
9 18	21 56.85	+ 4 11.0	1.501	2.439	10.8	17.3
9 28	21 51.90	+ 3 28.7	1.579	2.457	14.1	17.5

36057 1999 RC_{33} 8 25.2 91.°00 0.°1/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.38	− 5 44.6	1.779	2.625	15.0	17.6
7 30	22 35.29	− 6 45.9	1.717	2.640	11.4	17.4
8 9	22 29.22	− 8 2.7	1.677	2.654	7.3	17.2
8 19	22 21.74	− 9 29.7	1.662	2.669	2.9	16.9
8 29	22 13.74	−10 59.4	1.675	2.683	1.7	16.9
9 8	22 6.19	−12 24.1	1.715	2.697	6.0	17.2
9 18	21 59.95	−13 37.3	1.781	2.710	10.0	17.5
9 28	21 55.72	−14 34.8	1.871	2.724	13.4	17.7

62278 2000 ST_{103} 8 25.2 173.°86 3.°2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.77	+ 2 43.4	2.557	3.348	12.5	19.8
7 30	22 33.58	+ 2 29.7	2.470	3.350	10.1	19.6
8 9	22 27.92	+ 2 1.1	2.406	3.351	7.4	19.5
8 19	22 21.21	+ 1 18.8	2.367	3.352	4.7	19.3
8 29	22 14.04	+ 0 25.5	2.355	3.353	3.2	19.2
9 8	22 7.10	− 0 34.6	2.373	3.354	4.7	19.3
9 18	22 1.01	− 1 36.7	2.418	3.354	7.4	19.5
9 28	21 56.33	− 2 36.2	2.490	3.354	10.1	19.7

465634 2009 JS_{6} 8 25.2 83.°83 0.°7/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.96	− 7 43.7	1.394	2.259	17.3	21.7
7 30	22 37.03	− 8 43.1	1.335	2.269	13.1	21.5
8 9	22 30.59	− 9 59.7	1.296	2.278	8.3	21.2
8 19	22 22.34	−11 26.7	1.281	2.288	3.1	20.9
8 29	22 13.38	−12 55.0	1.291	2.298	2.4	20.9
9 8	22 5.00	−14 14.8	1.327	2.308	7.5	21.3
9 18	21 58.32	−15 19.1	1.387	2.317	12.1	21.6
9 28	21 54.15	−16 3.7	1.468	2.327	16.1	21.8

518742 2009 QC_{66} 8 25.2 346.°22 3.°3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.84	−19 30.1	2.096	2.961	12.3	21.0
7 30	22 37.00	−19 55.3	2.024	2.958	9.3	20.8
8 9	22 30.24	−20 22.0	1.976	2.956	6.1	20.6
8 19	22 22.14	−20 45.7	1.953	2.954	3.6	20.4
8 29	22 13.50	−21 1.3	1.958	2.952	4.2	20.5
9 8	22 5.27	−21 5.5	1.990	2.951	7.2	20.7
9 18	21 58.27	−20 56.4	2.047	2.949	10.3	20.9
9 28	21 53.18	−20 34.0	2.128	2.948	13.2	21.1

34117 2000 PA_{27} 8 25.2 200.°50 1.°2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.44	− 5 24.7	1.834	2.674	14.9	19.1
7 30	22 36.94	− 5 41.7	1.755	2.672	11.5	18.9
8 9	22 30.35	− 6 12.7	1.698	2.671	7.7	18.6
8 19	22 22.23	− 6 54.7	1.665	2.669	3.5	18.4
8 29	22 13.43	− 7 42.9	1.659	2.667	1.7	18.2
9 8	22 4.97	− 8 31.7	1.680	2.665	5.8	18.5
9 18	21 57.77	− 9 15.5	1.728	2.662	9.9	18.8
9 28	21 52.62	− 9 50.2	1.799	2.659	13.5	19.0

60859 2000 HF_{68} 8 25.2 0.°93 0.°8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 31.25	− 5 43.9	0.854	1.758	21.8	17.6
7 30	22 30.80	− 6 11.4	0.801	1.754	16.9	17.3
8 9	22 27.20	− 7 5.5	0.763	1.752	11.1	17.0
8 19	22 21.16	− 8 20.5	0.744	1.751	4.7	16.7
8 29	22 14.08	− 9 45.5	0.744	1.753	2.3	16.5
9 8	22 7.67	−11 6.9	0.765	1.757	8.8	16.9
9 18	22 3.41	−12 12.9	0.805	1.762	14.8	17.3
9 28	22 2.35	−12 56.2	0.863	1.769	19.9	17.6

271432 2004 DV_{38} 8 25.2 279.°04 0.°8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.34	−11 26.3	1.512	2.375	16.3	20.9
7 30	22 39.71	−11 37.7	1.431	2.364	12.5	20.6
8 9	22 32.44	−11 59.4	1.371	2.353	8.0	20.3
8 19	22 23.14	−12 27.1	1.334	2.341	3.1	20.0
8 29	22 12.88	−12 55.0	1.323	2.330	2.4	19.9
9 8	22 2.99	−13 17.1	1.338	2.319	7.5	20.2
9 18	21 54.70	−13 29.0	1.377	2.308	12.2	20.4
9 28	21 48.99	−13 28.1	1.438	2.296	16.3	20.7

288687 2004 PF_{102} 8 25.2 347.°04 2.°5/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.26	− 3 31.4	1.681	2.527	15.7	19.6
7 30	22 33.97	− 3 21.9	1.601	2.518	12.4	19.4
8 9	22 28.56	− 3 27.5	1.541	2.511	8.6	19.1
8 19	22 21.57	− 3 46.5	1.504	2.504	4.6	18.9
8 29	22 13.85	− 4 15.8	1.492	2.498	2.7	18.7
9 8	22 6.44	− 4 50.1	1.507	2.493	6.0	18.9
9 18	22 0.31	− 5 24.2	1.546	2.489	10.1	19.2
9 28	21 56.25	− 5 52.9	1.607	2.486	13.8	19.4

344736 2003 UQ_{153} 8 25.2 321.°78 8.°8/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.28	+ 8 12.5	1.544	2.340	19.1	20.0
7 30	22 35.92	+ 9 20.8	1.453	2.322	16.4	19.7
8 9	22 30.10	+10 7.7	1.380	2.305	13.4	19.5
8 19	22 22.27	+10 29.4	1.327	2.288	10.5	19.3
8 29	22 13.37	+10 23.9	1.296	2.271	8.8	19.1
9 8	22 4.58	+ 9 53.8	1.289	2.255	9.6	19.1
9 18	21 57.12	+ 9 4.8	1.305	2.240	12.3	19.3
9 28	21 52.05	+ 8 5.4	1.342	2.226	15.7	19.4

111584 2002 AJ_{41} 8 25.2 237.°42 2.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.20	− 1 13.4	2.258	3.071	13.3	20.1
7 30	22 35.63	− 1 3.0	2.171	3.067	10.6	19.9
8 9	22 29.35	− 1 5.5	2.107	3.064	7.5	19.7
8 19	22 21.81	− 1 19.8	2.067	3.061	4.4	19.5
8 29	22 13.72	− 1 43.7	2.055	3.058	2.9	19.4
9 8	22 5.87	− 2 13.4	2.072	3.054	5.1	19.5
9 18	21 59.02	− 2 45.1	2.115	3.051	8.3	19.7
9 28	21 53.81	− 3 14.6	2.183	3.047	11.3	19.9

510754 2012 XL_{94} 8 25.2 215.°84 3.°6/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.17	−19 16.0	2.327	3.188	11.4	22.4
7 30	22 36.44	−20 18.3	2.249	3.181	8.6	22.2
8 9	22 29.90	−21 24.1	2.195	3.173	5.8	22.0
8 19	22 22.04	−22 27.7	2.168	3.166	3.7	21.8
8 29	22 13.59	−23 23.3	2.169	3.157	4.6	21.9
9 8	22 5.40	−24 5.8	2.199	3.148	7.3	22.0
9 18	21 58.26	−24 32.5	2.254	3.139	10.3	22.2
9 28	21 52.85	−24 42.3	2.332	3.129	12.9	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
151286 2002 BJ_{14}			8 25.2 280°.18		2°.0/26.8 17	
	h m	° ′			°	m
7 20	22 41.96	− 4 49.4	2.174	3.000	13.3	20.1
7 30	22 37.11	− 4 34.0	2.079	2.987	10.5	19.9
8 9	22 30.39	− 4 28.9	2.007	2.974	7.2	19.7
8 19	22 22.26	− 4 32.9	1.960	2.960	3.7	19.5
8 29	22 13.45	− 4 43.8	1.941	2.947	2.1	19.3
9 8	22 4.84	− 4 58.2	1.950	2.933	5.2	19.5
9 18	21 57.27	− 5 12.8	1.986	2.920	8.8	19.7
9 28	21 51.45	− 5 24.1	2.047	2.906	12.1	19.9
291996 2006 QO_{112}			8 25.2 314°.43		5°.9/21.2 18	
7 20	22 40.77	−19 39.1	1.239	2.133	17.1	20.1
7 30	22 37.66	−20 43.1	1.166	2.115	13.2	19.8
8 9	22 31.49	−21 54.3	1.112	2.097	9.0	19.5
8 19	22 22.87	−23 3.0	1.080	2.080	6.0	19.3
8 29	22 13.05	−23 57.8	1.072	2.064	7.4	19.4
9 8	22 3.65	−24 29.8	1.086	2.048	11.6	19.5
9 18	21 56.14	−24 34.6	1.121	2.032	16.2	19.8
9 28	21 51.70	−24 12.4	1.175	2.018	20.3	20.0
407471 2010 UX_{81}			8 25.2 357°.11		5°.5/30.4 18	
7 20	22 36.14	+ 5 45.6	1.842	2.642	16.3	20.5
7 30	22 32.94	+ 6 0.3	1.762	2.640	13.5	20.3
8 9	22 27.81	+ 5 54.0	1.700	2.638	10.4	20.1
8 19	22 21.26	+ 5 26.7	1.661	2.637	7.3	19.9
8 29	22 14.07	+ 4 40.4	1.647	2.637	5.6	19.8
9 8	22 7.16	+ 3 40.1	1.658	2.637	6.6	19.9
9 18	22 1.40	+ 2 32.3	1.695	2.637	9.5	20.1
9 28	21 57.52	+ 1 24.3	1.756	2.638	12.7	20.3
332313 2006 WV_{5}			8 25.2 167°.82		2°.1/27.1 18	
7 20	22 41.33	− 2 16.3	1.720	2.553	16.0	21.3
7 30	22 36.97	− 2 39.2	1.644	2.555	12.6	21.1
8 9	22 30.43	− 3 19.9	1.589	2.557	8.6	20.8
8 19	22 22.29	− 4 15.9	1.558	2.559	4.4	20.6
8 29	22 13.45	− 5 21.7	1.553	2.560	2.3	20.5
9 8	22 4.99	− 6 30.3	1.576	2.561	6.0	20.7
9 18	21 57.87	− 7 35.1	1.624	2.562	10.1	20.9
9 28	21 52.88	− 8 30.2	1.695	2.562	13.9	21.2
311989 2007 GL_{12}			8 25.2 118°.92		0°.2/25.6 18	
7 20	22 37.13	− 5 32.6	2.558	3.387	11.4	21.2
7 30	22 33.05	− 6 30.9	2.486	3.400	8.7	21.0
8 9	22 27.56	− 7 40.5	2.439	3.412	5.6	20.9
8 19	22 21.08	− 8 57.6	2.419	3.424	2.3	20.6
8 29	22 14.21	−10 17.4	2.428	3.436	1.2	20.6
9 8	22 7.61	−11 34.4	2.467	3.447	4.5	20.8
9 18	22 1.90	−12 44.1	2.534	3.459	7.6	21.1
9 28	21 57.58	−13 42.9	2.627	3.469	10.3	21.3
174259 2002 RF_{219}			8 25.2 37°.87		2°.7/23.7 17	
7 20	22 45.77	−15 30.4	1.273	2.153	17.7	19.5
7 30	22 40.91	−15 46.3	1.217	2.160	13.4	19.3
8 9	22 33.16	−16 8.9	1.182	2.167	8.5	19.0
8 19	22 23.37	−16 31.9	1.168	2.175	3.8	18.8
8 29	22 12.86	−16 48.3	1.180	2.183	4.0	18.8
9 8	22 3.15	−16 52.7	1.215	2.192	8.7	19.1
9 18	21 55.50	−16 42.6	1.274	2.201	13.3	19.4
9 28	21 50.75	−16 17.7	1.353	2.211	17.2	19.7
186273 2001 YE_{154}			8 25.2 283°.50		0°.5/24.8 18	
7 20	22 41.60	−11 11.8	2.106	2.955	12.9	20.3
7 30	22 36.82	−11 21.0	2.025	2.951	9.8	20.1
8 9	22 30.16	−11 37.5	1.967	2.947	6.3	19.9
8 19	22 22.15	−11 58.3	1.935	2.942	2.4	19.6
8 29	22 13.56	−12 19.2	1.931	2.938	1.8	19.6
9 8	22 5.29	−12 36.5	1.955	2.934	5.6	19.8
9 18	21 58.17	−12 47.0	2.005	2.930	9.3	20.1
9 28	21 52.87	−12 48.6	2.079	2.926	12.5	20.3
428584 2008 EP_{12}			8 25.2 197°.45		1°.5/23.9 17	
7 20	22 43.07	−11 21.1	1.763	2.620	14.6	21.9
7 30	22 38.32	−12 8.5	1.687	2.618	11.1	21.7
8 9	22 31.32	−13 7.0	1.634	2.615	7.0	21.5
8 19	22 22.66	−14 11.0	1.605	2.612	2.8	21.2
8 29	22 13.25	−15 13.7	1.604	2.609	2.8	21.2
9 8	22 4.22	−16 8.1	1.630	2.605	7.1	21.5
9 18	21 56.56	−16 49.3	1.681	2.600	11.2	21.7
9 28	21 51.10	−17 14.5	1.755	2.595	14.7	21.9
209867 2005 JH_{66}			8 25.2 13°.59		0°.2/25.1 18	
7 20	22 39.29	− 8 51.7	1.768	2.625	14.6	20.6
7 30	22 35.35	− 9 18.1	1.697	2.626	11.1	20.3
8 9	22 29.35	− 9 56.2	1.647	2.627	7.1	20.1
8 19	22 21.86	−10 42.0	1.622	2.629	2.8	19.8
8 29	22 13.75	−11 30.0	1.623	2.631	1.8	19.8
9 8	22 6.03	−12 14.2	1.651	2.633	6.2	20.1
9 18	21 59.62	−12 49.7	1.704	2.635	10.2	20.3
9 28	21 55.24	−13 13.3	1.780	2.638	13.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
53803 2000 EN_{121}			8 25.3 94°.07		5°.1/20.9 18	
	h m	° ′			°	m
7 20	22 44.12	−23 8.2	1.913	2.781	13.1	19.0
7 30	22 38.86	−23 59.4	1.857	2.790	10.1	18.8
8 9	22 31.48	−24 49.7	1.824	2.799	7.0	18.7
8 19	22 22.65	−25 32.6	1.817	2.808	5.2	18.6
8 29	22 13.32	−26 1.9	1.836	2.817	6.1	18.6
9 8	22 4.54	−26 13.7	1.882	2.826	8.8	18.8
9 18	21 57.24	−26 6.9	1.952	2.834	11.7	19.0
9 28	21 52.09	−25 42.4	2.044	2.843	14.4	19.2
435672 2008 TO_{3}			8 25.3 332°.36		7°.9/20.2 18	
7 20	22 41.41	−25 17.3	1.241	2.137	16.9	20.7
7 30	22 38.19	−26 12.5	1.172	2.118	13.4	20.4
8 9	22 31.82	−27 6.7	1.122	2.101	9.9	20.2
8 19	22 23.00	−27 49.6	1.093	2.084	7.9	20.0
8 29	22 13.04	−28 10.7	1.087	2.068	9.3	20.1
9 8	22 3.63	−28 3.5	1.104	2.053	12.8	20.2
9 18	21 56.26	−27 26.7	1.140	2.040	16.9	20.4
9 28	21 52.03	−26 23.4	1.194	2.028	20.6	20.6
344973 2004 XW_{74}			8 25.3 239°.06		2°.9/22.6 18	
7 20	22 41.75	−15 51.8	2.010	2.872	12.9	21.4
7 30	22 37.16	−16 44.6	1.928	2.861	9.7	21.1
8 9	22 30.52	−17 44.2	1.868	2.850	6.3	20.9
8 19	22 22.34	−18 45.0	1.835	2.839	3.2	20.7
8 29	22 13.46	−19 40.2	1.829	2.827	3.9	20.7
9 8	22 4.83	−20 24.3	1.851	2.815	7.4	20.9
9 18	21 57.40	−20 53.3	1.899	2.802	10.9	21.1
9 28	21 51.93	−21 5.6	1.969	2.790	14.1	21.3
236114 2005 SL_{61}			8 25.3 17°.25		1°.2/23.9 18	
7 20	22 36.30	−12 55.0	2.381	3.239	11.3	19.7
7 30	22 32.55	−13 20.4	2.313	3.245	8.5	19.6
8 9	22 27.30	−13 51.7	2.269	3.251	5.3	19.4
8 19	22 21.00	−14 25.3	2.251	3.258	2.1	19.2
8 29	22 14.31	−14 57.3	2.261	3.266	2.1	19.2
9 8	22 7.94	−15 23.7	2.298	3.273	5.3	19.4
9 18	22 2.53	−15 42.0	2.362	3.282	8.3	19.6
9 28	21 58.61	−15 50.2	2.450	3.291	11.0	19.8
143182 2002 XL_{76}			8 25.3 277°.83		1°.3/24.3 18	
7 20	22 42.58	−11 36.0	1.607	2.470	15.5	20.4
7 30	22 38.33	−12 4.9	1.519	2.453	11.9	20.2
8 9	22 31.57	−12 45.1	1.452	2.435	7.6	19.9
8 19	22 22.85	−13 31.8	1.409	2.417	3.0	19.6
8 29	22 13.14	−14 18.6	1.393	2.399	2.7	19.5
9 8	22 3.66	−14 58.4	1.402	2.381	7.5	19.8
9 18	21 55.62	−15 26.1	1.436	2.363	12.1	20.0
9 28	21 49.98	−15 38.6	1.492	2.344	16.2	20.2
202143 2004 TC_{278}			8 25.3 257°.67		0°.8/26.0 18	
7 20	22 40.16	− 5 38.4	1.915	2.755	14.3	21.5
7 30	22 36.03	− 6 5.5	1.823	2.741	11.1	21.3
8 9	22 29.86	− 6 47.0	1.753	2.727	7.4	21.0
8 19	22 22.11	− 7 39.9	1.708	2.713	3.2	20.8
8 29	22 13.60	− 8 39.3	1.691	2.699	1.6	20.6
9 8	22 5.28	− 9 38.8	1.701	2.684	5.8	20.9
9 18	21 58.10	−10 32.8	1.737	2.669	10.0	21.1
9 28	21 52.85	−11 16.4	1.796	2.654	13.6	21.3
90705 1989 AZ_{5}			8 25.3 255°.42		1°.6/23.8 18	
7 20	22 41.35	−12 0.0	2.013	2.867	13.2	20.3
7 30	22 36.92	−12 46.0	1.919	2.849	10.0	20.0
8 9	22 30.42	−13 42.1	1.849	2.830	6.4	19.8
8 19	22 22.34	−14 43.5	1.804	2.811	2.6	19.5
8 29	22 13.47	−15 44.1	1.788	2.792	2.7	19.5
9 8	22 4.76	−16 37.8	1.799	2.772	6.7	19.7
9 18	21 57.16	−17 19.6	1.836	2.752	10.6	19.9
9 28	21 51.48	−17 46.6	1.897	2.731	14.0	20.1
396712 2002 VZ_{86}			8 25.3 224°.66		4°.8/30.1 18	
7 20	22 39.32	+ 5 45.7	2.285	3.064	14.2	20.9
7 30	22 35.03	+ 5 56.1	2.192	3.058	11.8	20.7
8 9	22 29.02	+ 5 49.3	2.120	3.052	9.0	20.6
8 19	22 21.74	+ 5 25.0	2.072	3.045	6.4	20.4
8 29	22 13.86	+ 4 45.0	2.050	3.038	4.8	20.3
9 8	22 6.16	+ 3 53.0	2.056	3.031	5.9	20.3
9 18	21 59.41	+ 2 54.2	2.089	3.023	8.4	20.5
9 28	21 54.27	+ 1 54.2	2.147	3.015	11.3	20.7
172739 2004 CT_{23}			8 25.3 2°.54		3°.1/22.5 18	
7 20	22 39.11	−15 36.1	1.731	2.605	14.1	19.9
7 30	22 35.33	−16 33.3	1.664	2.604	10.6	19.7
8 9	22 29.40	−17 37.9	1.620	2.604	6.8	19.4
8 19	22 21.91	−18 43.3	1.600	2.604	3.5	19.2
8 29	22 13.78	−19 42.2	1.607	2.605	4.3	19.3
9 8	22 6.05	−20 28.1	1.639	2.606	7.9	19.5
9 18	21 59.70	−20 57.1	1.696	2.607	11.6	19.7
9 28	21 55.47	−21 7.7	1.775	2.608	14.9	20.0

118398 1999 RO_{58} 8 25.3 332°.21 1°.2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.38	− 6 44.1	1.932	2.775	14.1	19.3
7 30	22 36.08	− 6 37.6	1.849	2.768	10.9	19.1
8 9	22 29.80	− 6 41.8	1.788	2.762	7.3	18.9
8 19	22 22.06	− 6 54.8	1.752	2.756	3.3	18.6
8 29	22 13.68	− 7 13.2	1.742	2.750	1.7	18.5
9 8	22 5.59	− 7 32.9	1.760	2.745	5.6	18.8
9 18	21 58.69	− 7 50.0	1.804	2.740	9.4	19.0
9 28	21 53.71	− 8 1.3	1.871	2.735	12.9	19.2

295983 2008 YD_{58} 8 25.3 34°.08 0°.1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.84	− 9 26.4	1.769	2.623	14.7	20.9
7 30	22 37.29	− 9 38.7	1.698	2.625	11.2	20.6
8 9	22 30.60	−10 1.4	1.647	2.627	7.2	20.4
8 19	22 22.37	−10 30.9	1.622	2.629	2.8	20.1
8 29	22 13.52	−11 2.3	1.623	2.631	1.7	20.1
9 8	22 5.08	−11 30.6	1.651	2.633	6.2	20.4
9 18	21 58.02	−11 51.7	1.705	2.636	10.2	20.6
9 28	21 53.06	−12 2.5	1.781	2.638	13.8	20.8

266247 2006 XX_{70} 8 25.3 40°.21 3°.3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.52	− 2 12.3	1.288	2.140	19.2	19.9
7 30	22 37.55	− 2 1.0	1.233	2.153	15.2	19.7
8 9	22 30.97	− 2 10.0	1.196	2.166	10.5	19.4
8 19	22 22.54	− 2 37.0	1.181	2.180	5.7	19.2
8 29	22 13.44	− 3 17.4	1.190	2.195	3.4	19.1
9 8	22 5.02	− 4 3.7	1.223	2.210	7.0	19.4
9 18	21 58.41	− 4 48.8	1.280	2.226	11.5	19.7
9 28	21 54.43	− 5 26.4	1.358	2.242	15.5	20.0

91748 1999 TA_{186} 8 25.3 183°.31 4°.4/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.47	+ 5 23.5	2.677	3.447	12.5	19.5
7 30	22 34.84	+ 5 40.7	2.587	3.447	10.4	19.3
8 9	22 28.75	+ 5 43.6	2.519	3.447	8.0	19.2
8 19	22 21.60	+ 5 32.3	2.476	3.447	5.6	19.0
8 29	22 13.97	+ 5 8.0	2.461	3.446	4.4	18.9
9 8	22 6.55	+ 4 33.6	2.473	3.445	5.2	19.0
9 18	21 59.95	+ 3 52.8	2.514	3.444	7.4	19.1
9 28	21 54.74	+ 3 10.0	2.580	3.442	9.8	19.3

344107 1999 TA_{242} 8 25.3 309°.04 9°.4/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.05	−30 52.9	1.631	2.511	14.4	19.8
7 30	22 38.10	−32 33.2	1.571	2.500	11.9	19.6
8 9	22 31.47	−34 8.6	1.532	2.488	9.9	19.4
8 19	22 22.80	−35 28.5	1.517	2.477	9.4	19.4
8 29	22 13.24	−36 22.9	1.525	2.467	10.8	19.5
9 8	22 4.14	−36 46.3	1.557	2.456	13.3	19.6
9 18	21 56.77	−36 37.9	1.609	2.446	16.1	19.7
9 28	21 52.05	−36 0.6	1.679	2.436	18.7	19.9

331705 2002 RV_{89} 8 25.3 327°.06 1°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 35.88	− 6 15.2	1.162	2.042	19.0	20.3
7 30	22 33.95	− 6 29.5	1.081	2.021	14.9	20.0
8 9	22 29.15	− 7 4.4	1.019	2.002	9.9	19.7
8 19	22 22.01	− 7 56.8	0.976	1.983	4.3	19.3
8 29	22 13.66	− 8 59.6	0.957	1.966	2.1	19.1
9 8	22 5.57	−10 3.4	0.960	1.949	8.1	19.4
9 18	21 59.19	−10 58.8	0.985	1.934	13.7	19.7
9 28	21 55.72	−11 38.4	1.028	1.920	18.8	19.9

378155 2006 VU_{140} 8 25.3 308°.43 2°.1/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.07	−12 31.2	1.326	2.206	17.0	20.9
7 30	22 36.91	−13 8.0	1.243	2.186	13.1	20.6
8 9	22 30.94	−13 58.2	1.179	2.166	8.4	20.3
8 19	22 22.69	−14 55.8	1.139	2.146	3.5	20.0
8 29	22 13.27	−15 52.2	1.122	2.127	3.7	19.9
9 8	22 4.11	−16 38.6	1.129	2.108	8.9	20.2
9 18	21 56.61	−17 8.7	1.159	2.090	14.0	20.4
9 28	21 51.89	−17 18.9	1.209	2.072	18.5	20.6

306270 2011 SL 8 25.3 283°.38 1°.4/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.57	− 4 14.3	1.916	2.754	14.4	21.1
7 30	22 34.75	− 4 37.0	1.832	2.748	11.2	20.9
8 9	22 28.98	− 5 14.5	1.769	2.741	7.5	20.7
8 19	22 21.76	− 6 4.2	1.731	2.734	3.6	20.4
8 29	22 13.87	− 7 1.4	1.720	2.727	1.8	20.3
9 8	22 6.24	− 8 0.2	1.736	2.721	5.6	20.5
9 18	21 59.75	− 8 54.7	1.778	2.714	9.5	20.7
9 28	21 55.13	− 9 40.3	1.844	2.708	13.0	21.0

346660 2008 YT_{11} 8 25.3 319°.92 3°.0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.45	−13 59.9	1.418	2.302	16.0	20.2
7 30	22 34.73	−14 53.9	1.335	2.281	12.2	19.9
8 9	22 29.42	−16 0.2	1.273	2.260	7.8	19.6
8 19	22 22.06	−17 12.1	1.234	2.240	3.7	19.4
8 29	22 13.66	−18 20.5	1.219	2.221	4.5	19.4
9 8	22 5.51	−19 16.3	1.229	2.202	9.1	19.6
9 18	21 58.87	−19 53.3	1.262	2.185	13.7	19.8
9 28	21 54.79	−20 8.3	1.314	2.168	17.9	20.0

436130 2009 UT_{8} 8 25.3 211°.77 3°.9/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.75	−19 11.1	1.986	2.848	13.0	22.5
7 30	22 39.45	−20 5.5	1.909	2.842	9.9	22.3
8 9	22 31.99	−21 3.5	1.856	2.835	6.6	22.1
8 19	22 22.94	−21 58.9	1.829	2.828	4.1	21.9
8 29	22 13.18	−22 45.0	1.829	2.820	5.0	22.0
9 8	22 3.77	−23 16.4	1.857	2.811	8.1	22.2
9 18	21 55.67	−23 30.4	1.910	2.802	11.5	22.3
9 28	21 49.68	−23 26.6	1.986	2.793	14.5	22.5

188514 2004 RW_{50} 8 25.3 56°.86 0°.2/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.65	− 6 11.8	2.128	2.971	13.0	20.1
7 30	22 33.02	− 7 0.3	2.055	2.976	9.9	19.9
8 9	22 27.72	− 8 1.7	2.005	2.981	6.4	19.7
8 19	22 21.22	− 9 11.9	1.980	2.987	2.6	19.4
8 29	22 14.23	−10 25.5	1.984	2.992	1.4	19.4
9 8	22 7.54	−11 36.3	2.015	2.998	5.2	19.6
9 18	22 1.89	−12 39.2	2.074	3.003	8.8	19.9
9 28	21 57.88	−13 30.1	2.157	3.009	11.9	20.1

67836 2000 VP_{55} 8 25.3 336°.86 3°.8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.99	−17 1.4	1.069	1.967	18.9	18.4
7 30	22 38.84	−17 19.1	1.003	1.954	14.5	18.1
8 9	22 32.35	−17 43.6	0.954	1.943	9.4	17.8
8 19	22 23.26	−18 7.4	0.926	1.932	4.6	17.5
8 29	22 12.98	−18 22.0	0.920	1.923	5.2	17.5
9 8	22 3.31	−18 20.2	0.936	1.914	10.4	17.7
9 18	21 55.83	−17 59.1	0.973	1.907	15.6	18.0
9 28	21 51.69	−17 18.7	1.028	1.901	20.2	18.3

144237 2004 CA_{73} 8 25.3 334°.32 3°.8/22.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 32.69	−14 41.7	0.957	1.870	19.2	18.6
7 30	22 32.10	−15 22.4	0.882	1.843	14.7	18.3
8 9	22 28.28	−16 17.9	0.823	1.816	9.6	17.9
8 19	22 21.77	−17 20.6	0.784	1.792	4.6	17.5
8 29	22 13.80	−18 18.7	0.766	1.769	5.6	17.5
9 8	22 6.14	−19 0.5	0.767	1.748	11.3	17.7
9 18	22 0.49	−19 17.9	0.787	1.730	17.1	18.0
9 28	21 58.22	−19 7.5	0.823	1.714	22.3	18.2

342854 2008 YF_{14} 8 25.3 265°.68 2°.2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.58	−13 10.3	1.908	2.771	13.4	20.8
7 30	22 35.63	−14 8.7	1.824	2.759	10.1	20.6
8 9	22 29.62	−15 17.1	1.762	2.746	6.4	20.3
8 19	22 22.04	−16 29.9	1.727	2.733	2.9	20.1
8 29	22 13.71	−17 40.0	1.718	2.720	3.4	20.1
9 8	22 5.61	−18 40.5	1.737	2.706	7.2	20.3
9 18	21 58.70	−19 26.6	1.781	2.693	11.0	20.5
9 28	21 53.75	−19 55.3	1.847	2.679	14.4	20.7

266655 2008 TT_{121} 8 25.3 81°.44 0°.9/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.56	− 6 22.5	2.579	3.409	11.4	20.5
7 30	22 34.14	− 6 29.0	2.503	3.415	8.8	20.4
8 9	22 28.27	− 6 44.1	2.450	3.421	5.8	20.2
8 19	22 21.41	− 7 6.1	2.423	3.427	2.6	20.0
8 29	22 14.14	− 7 31.8	2.425	3.433	1.3	19.9
9 8	22 7.16	− 7 58.0	2.455	3.439	4.3	20.1
9 18	22 1.06	− 8 21.6	2.514	3.445	7.4	20.3
9 28	21 56.39	− 8 39.8	2.597	3.451	10.1	20.5

33199 1998 FS_{53} 8 25.3 99°.25 2°.5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.34	−17 51.3	2.331	3.182	11.7	19.1
7 30	22 39.27	−18 12.3	2.275	3.202	8.8	18.9
8 9	22 31.50	−18 35.1	2.243	3.222	5.6	18.7
8 19	22 22.64	−18 55.5	2.239	3.242	2.9	18.6
8 29	22 13.45	−19 9.8	2.263	3.261	3.3	18.7
9 8	22 4.77	−19 14.9	2.316	3.280	6.1	18.9
9 18	21 57.33	−19 9.4	2.396	3.298	9.0	19.1
9 28	21 51.68	−18 53.2	2.500	3.316	11.6	19.3

309061 2006 UH_{320} 8 25.3 31°.54 2°.2/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.38	−14 12.7	1.832	2.699	13.7	20.5
7 30	22 35.36	−14 55.9	1.767	2.704	10.3	20.3
8 9	22 29.33	−15 46.5	1.725	2.709	6.5	20.0
8 19	22 21.88	−16 38.8	1.708	2.714	2.9	19.8
8 29	22 13.88	−17 26.8	1.718	2.720	3.3	19.9
9 8	22 6.30	−18 4.7	1.754	2.726	7.0	20.1
9 18	22 0.03	−18 29.2	1.816	2.732	10.6	20.3
9 28	21 55.76	−18 38.4	1.900	2.738	13.8	20.6

348755 2006 HD_{66} 8 25.3 342°.21 13°.0/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.13	−36 14.6	1.258	2.147	17.2	19.3
7 30	22 38.23	−37 50.3	1.205	2.131	14.9	19.1
8 9	22 31.94	−39 13.3	1.170	2.117	13.3	18.9
8 19	22 23.07	−40 10.4	1.156	2.104	13.1	18.9
8 29	22 13.15	−40 30.5	1.162	2.092	14.6	18.9
9 8	22 4.00	−40 8.8	1.188	2.081	17.0	19.1
9 18	21 57.17	−39 7.4	1.231	2.072	19.8	19.2
9 28	21 53.70	−37 32.5	1.290	2.065	22.4	19.4

263668 2008 GT_{113} 8 25.3 190°.30 0°.3/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 43.87	− 9 0.6	1.823	2.670	14.6	22.0
7 30	22 38.86	− 9 29.5	1.746	2.670	11.2	21.7
8 9	22 31.66	−10 10.0	1.690	2.668	7.2	21.5
8 19	22 22.85	−10 58.1	1.660	2.667	2.8	21.2
8 29	22 13.34	−11 47.9	1.657	2.664	1.8	21.1
9 8	22 4.19	−12 33.6	1.681	2.661	6.3	21.4
9 18	21 56.38	−13 10.3	1.732	2.658	10.4	21.7
9 28	21 50.70	−13 34.7	1.806	2.654	14.0	21.9

170304 2003 SQ_{22} 8 25.3 283°.39 0°.2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.96	− 9 10.1	1.851	2.703	14.2	20.6
7 30	22 36.80	− 9 31.4	1.756	2.683	11.0	20.4
8 9	22 30.47	−10 4.3	1.683	2.662	7.1	20.1
8 19	22 22.44	−10 45.2	1.635	2.642	2.8	19.8
8 29	22 13.55	−11 29.2	1.613	2.621	1.8	19.7
9 8	22 4.82	−12 10.5	1.619	2.600	6.3	19.9
9 18	21 57.27	−12 44.1	1.650	2.580	10.6	20.1
9 28	21 51.77	−13 6.1	1.704	2.559	14.4	20.3

40043 1998 KV_{30} 8 25.3 99°.72 6°.9/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.89	+ 9 35.1	1.856	2.628	17.2	19.2
7 30	22 35.79	+ 9 58.7	1.779	2.632	14.6	19.1
8 9	22 29.67	+ 9 59.4	1.720	2.637	11.6	18.9
8 19	22 22.07	+ 9 35.8	1.683	2.642	8.8	18.7
8 29	22 13.81	+ 8 49.6	1.670	2.647	7.0	18.6
9 8	22 5.87	+ 7 45.4	1.684	2.652	7.6	18.7
9 18	21 59.17	+ 6 30.1	1.722	2.656	9.9	18.8
9 28	21 54.44	+ 5 11.7	1.785	2.661	12.8	19.0

482293 2011 TO_{13} 8 25.3 308°.46 0°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.04	− 5 43.0	1.711	2.566	15.1	20.8
7 30	22 33.23	− 6 32.6	1.616	2.543	11.7	20.6
8 9	22 28.26	− 7 40.7	1.542	2.521	7.7	20.3
8 19	22 21.60	− 9 3.3	1.493	2.499	3.1	20.0
8 29	22 14.05	−10 33.6	1.469	2.477	1.7	19.8
9 8	22 6.63	−12 3.3	1.472	2.456	6.5	20.1
9 18	22 0.37	−13 24.0	1.501	2.435	11.1	20.3
9 28	21 56.17	−14 29.6	1.551	2.414	15.1	20.5

476762 2008 UU_{79} 8 25.3 342°.30 8°.3/31.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.05	+ 8 50.2	1.409	2.215	20.2	21.4
7 30	22 33.55	+ 9 30.2	1.330	2.206	17.2	21.1
8 9	22 28.61	+ 9 43.0	1.267	2.198	13.8	20.9
8 19	22 21.76	+ 9 25.8	1.224	2.191	10.5	20.7
8 29	22 13.96	+ 8 39.0	1.203	2.184	8.4	20.6
9 8	22 6.45	+ 7 27.9	1.204	2.179	9.1	20.6
9 18	22 0.40	+ 6 1.5	1.229	2.174	12.0	20.8
9 28	21 56.77	+ 4 30.7	1.275	2.170	15.5	21.0

387948 2005 ED_{181} 8 25.3 116°.81 1°.8/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.18	−14 25.2	2.184	3.034	12.4	21.5
7 30	22 38.56	−14 55.3	2.123	3.050	9.3	21.4
8 9	22 31.17	−15 30.3	2.087	3.067	5.9	21.2
8 19	22 22.57	−16 5.9	2.076	3.082	2.5	21.0
8 29	22 13.57	−16 37.6	2.095	3.098	2.7	21.0
9 8	22 5.04	−17 1.2	2.142	3.112	6.0	21.3
9 18	21 57.74	−17 14.4	2.216	3.127	9.2	21.5
9 28	21 52.28	−17 16.0	2.314	3.141	12.1	21.7

188347 2003 SN_{310} 8 25.3 322°.55 1°.0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.51	−10 49.0	2.093	2.951	12.6	19.8
7 30	22 33.08	−11 30.7	2.010	2.941	9.5	19.6
8 9	22 27.87	−12 22.2	1.949	2.931	6.0	19.4
8 19	22 21.36	−13 19.3	1.914	2.922	2.3	19.1
8 29	22 14.24	−14 16.7	1.907	2.912	2.2	19.1
9 8	22 7.37	−15 8.7	1.926	2.904	5.9	19.3
9 18	22 1.51	−15 50.7	1.972	2.895	9.5	19.5
9 28	21 57.36	−16 19.8	2.041	2.887	12.7	19.7

299143 2005 ED_{260} 8 25.3 111°.78 0°.4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.37	− 6 43.7	1.939	2.783	14.0	21.3
7 30	22 35.27	− 7 15.9	1.865	2.786	10.7	21.1
8 9	22 29.27	− 8 1.0	1.813	2.789	7.0	20.8
8 19	22 21.89	− 8 55.2	1.786	2.792	2.9	20.6
8 29	22 13.94	− 9 53.3	1.786	2.794	1.5	20.5
9 8	22 6.33	−10 49.3	1.814	2.797	5.6	20.8
9 18	21 59.90	−11 38.1	1.868	2.800	9.5	21.0
9 28	21 55.34	−12 15.8	1.946	2.802	12.8	21.2

140602 Berlind 8 25.3 215°.06 0°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.14	− 9 10.8	2.052	2.902	13.1	20.8
7 30	22 35.03	− 9 45.8	1.975	2.901	10.0	20.6
8 9	22 29.09	−10 31.3	1.921	2.900	6.4	20.4
8 19	22 21.82	−11 23.4	1.892	2.899	2.4	20.2
8 29	22 13.98	−12 16.9	1.891	2.899	1.7	20.1
9 8	22 6.45	−13 6.3	1.918	2.898	5.7	20.4
9 18	22 0.04	−13 47.2	1.971	2.897	9.4	20.6
9 28	21 55.40	−14 16.5	2.048	2.896	12.6	20.8

132553 2002 JE_{77} 8 25.3 157°.96 3°.2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.69	+ 1 18.2	2.120	2.924	14.3	20.6
7 30	22 36.11	+ 1 6.4	2.041	2.930	11.5	20.4
8 9	22 29.74	+ 0 37.8	1.982	2.935	8.2	20.2
8 19	22 22.07	− 0 5.9	1.949	2.939	4.9	20.0
8 29	22 13.85	− 1 1.3	1.942	2.944	3.2	19.9
9 8	22 5.94	− 2 3.2	1.964	2.947	5.3	20.0
9 18	21 59.11	− 3 5.9	2.013	2.950	8.5	20.3
9 28	21 54.03	− 4 4.0	2.088	2.953	11.7	20.5

513344 2007 RT_{218} 8 25.3 279°.59 0°.4/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.71	− 6 20.9	1.867	2.713	14.3	21.8
7 30	22 34.98	− 6 55.0	1.780	2.702	11.1	21.6
8 9	22 29.22	− 7 43.7	1.715	2.691	7.3	21.4
8 19	22 21.93	− 8 43.4	1.674	2.680	3.0	21.1
8 29	22 13.91	− 9 48.5	1.661	2.669	1.6	20.9
9 8	22 6.12	−10 52.4	1.675	2.658	5.9	21.2
9 18	21 59.48	−11 49.2	1.714	2.647	10.1	21.4
9 28	21 54.78	−12 34.1	1.777	2.636	13.7	21.6

381124 2007 DE_{91} 8 25.3 209°.19 0°.2/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.30	− 8 17.2	1.923	2.767	14.1	22.5
7 30	22 37.61	− 8 51.6	1.840	2.763	10.8	22.3
8 9	22 30.86	− 9 38.1	1.780	2.757	7.0	22.1
8 19	22 22.57	−10 32.9	1.745	2.752	2.7	21.8
8 29	22 13.57	−11 30.4	1.738	2.746	1.7	21.7
9 8	22 4.86	−12 24.4	1.758	2.739	6.1	22.0
9 18	21 57.37	−13 9.8	1.806	2.732	10.1	22.2
9 28	21 51.87	−13 42.9	1.876	2.724	13.6	22.4

186945 2004 RX_{4} 8 25.3 335°.63 5°.6/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.56	−21 57.2	1.696	2.581	13.7	19.4
7 30	22 34.42	−23 4.8	1.624	2.567	10.6	19.2
8 9	22 29.00	−24 15.2	1.574	2.554	7.4	19.0
8 19	22 21.88	−25 20.5	1.548	2.541	5.6	18.8
8 29	22 13.98	−26 12.7	1.547	2.529	6.8	18.9
9 8	22 6.44	−26 45.4	1.571	2.518	9.9	19.0
9 18	22 0.29	−26 55.6	1.618	2.508	13.3	19.2
9 28	21 56.36	−26 43.3	1.685	2.499	16.4	19.4

8731 Tejima 8 25.3 330°.38 6°.8/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.26	−21 36.4	1.207	2.104	17.3	17.7
7 30	22 38.05	−22 48.4	1.144	2.094	13.3	17.5
8 9	22 31.74	−24 4.5	1.101	2.084	9.4	17.2
8 19	22 23.05	−25 14.1	1.079	2.075	6.9	17.1
8 29	22 13.30	−26 5.6	1.081	2.067	8.3	17.1
9 8	22 4.13	−26 30.7	1.105	2.060	12.2	17.3
9 18	21 56.99	−26 26.7	1.149	2.053	16.4	17.5
9 28	21 52.94	−25 55.1	1.211	2.047	20.2	17.8

73049 2002 EP_{115} 8 25.3 87°.68 7°.2/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.64	−23 50.5	1.411	2.292	16.2	18.9
7 30	22 41.41	−25 24.4	1.373	2.311	12.5	18.7
8 9	22 33.42	−26 56.8	1.356	2.330	9.0	18.6
8 19	22 23.54	−28 16.7	1.362	2.349	7.2	18.6
8 29	22 13.10	−29 14.3	1.394	2.367	8.5	18.7
9 8	22 3.52	−29 44.2	1.450	2.386	11.5	18.9
9 18	21 55.99	−29 46.1	1.528	2.403	14.8	19.2
9 28	21 51.27	−29 22.9	1.625	2.421	17.7	19.4

78582 2002 SG_{6} 8 25.3 173°.07 0°.9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.76	− 9 51.8	1.745	2.599	14.9	20.3
7 30	22 38.10	−10 35.1	1.673	2.601	11.3	20.1
8 9	22 31.22	−11 30.4	1.622	2.603	7.2	19.9
8 19	22 22.73	−12 32.5	1.596	2.604	2.7	19.6
8 29	22 13.54	−13 34.9	1.598	2.605	2.3	19.6
9 8	22 4.75	−14 30.6	1.627	2.605	6.7	19.8
9 18	21 57.35	−15 14.6	1.681	2.605	10.8	20.1
9 28	21 52.13	−15 43.6	1.759	2.605	14.4	20.3

250767 2005 SL_{263} 8 25.3 60°.23 2°.3/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.04	− 0 29.4	2.032	2.854	14.2	20.3
7 30	22 33.41	− 1 0.1	1.959	2.862	11.2	20.1
8 9	22 28.04	− 1 47.7	1.908	2.870	7.8	19.9
8 19	22 21.43	− 2 49.5	1.881	2.878	4.2	19.7
8 29	22 14.32	− 4 0.8	1.881	2.886	2.3	19.6
9 8	22 7.54	− 5 15.4	1.909	2.894	5.1	19.8
9 18	22 1.84	− 6 27.2	1.964	2.903	8.6	20.1
9 28	21 57.84	− 7 30.8	2.043	2.911	11.8	20.3

387966 2005 GW_{222} 8 25.3 58°.96 2°.1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.82	−14 0.6	1.850	2.714	13.7	21.5
7 30	22 36.49	−14 41.6	1.782	2.717	10.3	21.3
8 9	22 30.10	−15 29.9	1.737	2.720	6.5	21.1
8 19	22 22.26	−16 20.3	1.717	2.723	2.9	20.8
8 29	22 13.84	−17 6.7	1.724	2.727	3.2	20.9
9 8	22 5.83	−17 43.4	1.758	2.730	6.9	21.1
9 18	21 59.13	−18 7.1	1.818	2.734	10.6	21.4
9 28	21 54.46	−18 15.8	1.899	2.737	13.8	21.6

137799 1999 *YB* 8 25.3 93°.66 18°.1/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	23 9.48	−32 44.1	0.362	1.301	32.9	18.2
7 30	23 3.12	−34 20.8	0.348	1.313	27.0	18.0
8 9	22 49.09	−35 33.2	0.341	1.324	21.5	17.8
8 19	22 29.78	−35 51.7	0.346	1.335	18.3	17.8
8 29	22 9.85	−34 57.9	0.363	1.346	19.2	17.9
9 8	21 53.96	−32 58.2	0.392	1.356	23.2	18.2
9 18	21 44.55	−30 15.0	0.433	1.366	28.1	18.6
9 28	21 42.00	−27 10.1	0.484	1.375	32.6	19.0

357305 2002 XT_{89} 8 25.3 294°.46 3°.3/21.9 18

7 20	22 38.54	−15 5.7	1.882	2.751	13.3	21.0
7 30	22 35.09	−16 21.8	1.785	2.723	10.1	20.8
8 9	22 29.49	−17 49.1	1.710	2.694	6.5	20.5
8 19	22 22.15	−19 20.9	1.662	2.665	3.6	20.3
8 29	22 13.87	−20 48.9	1.641	2.637	4.6	20.3
9 8	22 5.67	−22 5.0	1.646	2.608	8.3	20.4
9 18	21 58.56	−23 3.1	1.677	2.579	12.2	20.6
9 28	21 53.48	−23 39.8	1.729	2.550	15.7	20.8

514893 2008 RE_{110} 8 25.3 72°.65 3°.6/21.7 18

7 20	22 42.13	−21 59.2	2.491	3.350	10.8	20.9
7 30	22 36.97	−22 27.0	2.423	3.353	8.2	20.7
8 9	22 30.17	−22 54.3	2.380	3.356	5.6	20.6
8 19	22 22.24	−23 17.0	2.363	3.358	3.7	20.4
8 29	22 13.91	−23 30.7	2.375	3.361	4.4	20.5
9 8	22 5.95	−23 32.9	2.414	3.364	6.7	20.7
9 18	21 59.07	−23 22.2	2.480	3.367	9.4	20.8
9 28	21 53.85	−22 58.9	2.569	3.370	11.7	21.0

510995 2013 JP_{62} 8 25.3 170°.85 4°.5/31.4 18

7 20	22 37.41	+ 8 42.3	2.877	3.627	12.2	22.1
7 30	22 33.24	+ 8 38.2	2.788	3.630	10.2	22.0
8 9	22 27.74	+ 8 18.1	2.719	3.633	8.0	21.8
8 19	22 21.30	+ 7 42.3	2.675	3.635	5.9	21.7
8 29	22 14.45	+ 6 52.5	2.658	3.637	4.6	21.6
9 8	22 7.78	+ 5 52.1	2.669	3.638	5.1	21.7
9 18	22 1.87	+ 4 45.5	2.709	3.639	7.0	21.8
9 28	21 57.22	+ 3 37.4	2.776	3.640	9.2	21.9

318217 2004 RP_{196} 8 25.3 325°.66 10°.5/17.0 18

7 20	22 51.60	−39 43.4	1.901	2.746	14.2	19.3
7 30	22 45.11	−40 31.2	1.838	2.732	12.3	19.1
8 9	22 35.82	−41 4.9	1.795	2.717	10.9	19.0
8 19	22 24.54	−41 15.9	1.775	2.704	10.5	19.0
8 29	22 12.58	−40 57.6	1.779	2.691	11.4	19.0
9 8	22 1.39	−40 8.2	1.807	2.678	13.2	19.1
9 18	21 52.20	−38 50.0	1.856	2.666	15.4	19.2
9 28	21 45.85	−37 8.4	1.925	2.654	17.5	19.4

91152 1998 QW_{41} 8 25.3 338°.13 2°.9/23.5 18

7 20	22 46.52	−19 17.3	1.850	2.712	13.8	18.0
7 30	22 40.90	−19 11.2	1.771	2.703	10.5	17.8
8 9	22 32.99	−19 5.5	1.714	2.695	6.9	17.5
8 19	22 23.43	−18 55.7	1.683	2.687	3.5	17.3
8 29	22 13.21	−18 37.9	1.679	2.679	3.8	17.3
9 8	22 3.45	−18 9.4	1.703	2.672	7.3	17.5
9 18	21 55.16	−17 29.6	1.752	2.666	11.1	17.7
9 28	21 49.14	−16 39.2	1.824	2.660	14.4	17.9

67731 2000 UJ_{25} 8 25.3 357°.46 3°.5/28.0 18

7 20	22 30.95	+ 0 28.6	0.962	1.842	22.1	18.3
7 30	22 30.39	+ 0 4.4	0.901	1.836	17.7	18.0
8 9	22 26.93	− 0 53.2	0.855	1.832	12.5	17.7
8 19	22 21.22	− 2 21.5	0.828	1.830	6.8	17.4
8 29	22 14.48	− 4 11.5	0.822	1.829	3.6	17.2
9 8	22 8.26	− 6 8.9	0.837	1.830	7.9	17.5
9 18	22 3.95	− 7 58.9	0.873	1.833	13.5	17.8
9 28	22 2.59	− 9 29.6	0.928	1.837	18.6	18.1

446385 2014 HQ_{153} 8 25.3 8°.47 1°.8/23.8 18

7 20	22 39.83	−13 7.8	1.816	2.681	13.9	21.3
7 30	22 35.79	−13 43.9	1.747	2.682	10.5	21.1
8 9	22 29.71	−14 28.3	1.699	2.682	6.6	20.9
8 19	22 22.14	−15 15.9	1.676	2.683	2.8	20.7
8 29	22 13.97	−16 0.6	1.680	2.684	2.9	20.7
9 8	22 6.19	−16 37.0	1.711	2.686	6.8	20.9
9 18	21 59.72	−17 1.1	1.767	2.688	10.6	21.2
9 28	21 55.27	−17 11.0	1.845	2.690	13.9	21.4

87853 2000 SW_{219} 8 25.3 303°.36 3°.0/28.0 18

7 20	22 36.15	+ 1 2.2	1.592	2.425	17.0	19.1
7 30	22 33.48	+ 0 26.8	1.498	2.406	13.7	18.9
8 9	22 28.55	− 0 33.5	1.423	2.387	9.8	18.6
8 19	22 21.82	− 1 56.8	1.372	2.369	5.5	18.3
8 29	22 14.15	− 3 37.7	1.345	2.351	3.0	18.1
9 8	22 6.63	− 5 27.1	1.345	2.333	6.4	18.3
9 18	22 0.35	− 7 14.9	1.370	2.315	11.0	18.5
9 28	21 56.25	− 8 51.5	1.418	2.298	15.2	18.7

271737 2004 RD_{293} 8 25.3 59°.99 0°.2/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.29	− 8 23.0	1.567	2.424	16.1	20.6
7 30	22 37.87	− 8 41.3	1.503	2.431	12.3	20.4
8 9	22 31.13	− 9 12.3	1.460	2.439	8.0	20.1
8 19	22 22.73	− 9 52.1	1.441	2.447	3.2	19.9
8 29	22 13.70	−10 34.7	1.447	2.455	1.8	19.8
9 8	22 5.18	−11 13.9	1.480	2.464	6.5	20.1
9 18	21 58.21	−11 44.7	1.538	2.472	10.9	20.4
9 28	21 53.57	−12 3.7	1.618	2.481	14.6	20.6

294000 2007 TH_{87} 8 25.3 164°.91 0°.5/25.7 17

7 20	22 41.75	− 6 6.3	1.428	2.285	17.4	21.2
7 30	22 37.79	− 6 42.9	1.358	2.286	13.4	20.9
8 9	22 31.28	− 7 37.5	1.308	2.286	8.8	20.7
8 19	22 22.86	− 8 45.5	1.281	2.287	3.6	20.4
8 29	22 13.60	− 9 59.4	1.279	2.287	1.9	20.3
9 8	22 4.79	−11 10.3	1.303	2.288	7.1	20.6
9 18	21 57.61	−12 10.7	1.352	2.288	11.9	20.9
9 28	21 52.94	−12 55.4	1.422	2.288	16.0	21.1

469756 2005 QT_{21} 8 25.3 310°.74 0°.3/25.5 18

7 20	22 38.48	− 7 16.9	1.367	2.236	17.3	20.9
7 30	22 35.66	− 7 41.4	1.280	2.214	13.5	20.6
8 9	22 30.17	− 8 23.7	1.211	2.193	8.9	20.3
8 19	22 22.53	− 9 20.3	1.165	2.172	3.7	20.0
8 29	22 13.73	−10 24.4	1.143	2.151	2.0	19.8
9 8	22 5.13	−11 27.2	1.145	2.131	7.6	20.1
9 18	21 58.03	−12 20.7	1.171	2.112	12.9	20.3
9 28	21 53.54	−12 58.8	1.217	2.093	17.5	20.5

167917 2005 EB_{111} 8 25.3 291°.11 0°.1/25.4 18

7 20	22 38.66	− 7 10.6	1.797	2.649	14.6	20.9
7 30	22 35.01	− 7 50.5	1.716	2.642	11.2	20.7
8 9	22 29.30	− 8 44.9	1.657	2.635	7.3	20.4
8 19	22 22.05	− 9 49.6	1.622	2.628	2.9	20.1
8 29	22 14.07	−10 58.4	1.613	2.622	1.7	20.0
9 8	22 6.38	−12 4.4	1.632	2.615	6.2	20.3
9 18	21 59.90	−13 1.5	1.677	2.608	10.3	20.6
9 28	21 55.41	−13 45.2	1.744	2.602	14.0	20.8

38229 1999 NG_{53} 8 25.3 17°.87 10°.5/ 2.7 18

7 20	22 38.03	+12 14.2	1.329	2.119	22.0	17.5
7 30	22 35.10	+13 25.3	1.267	2.125	19.1	17.3
8 9	22 29.62	+14 6.5	1.221	2.132	15.8	17.1
8 19	22 22.22	+14 13.6	1.193	2.141	12.8	17.0
8 29	22 13.99	+13 46.0	1.186	2.150	10.8	16.9
9 8	22 6.24	+12 48.6	1.201	2.161	10.9	17.0
9 18	22 0.14	+11 30.3	1.237	2.172	12.9	17.1
9 28	21 56.59	+10 2.6	1.294	2.185	15.7	17.3

444941 2008 CF_{46} 8 25.3 83°.63 0°.4/24.9 18

7 20	22 42.70	−11 1.3	2.130	2.976	12.8	20.9
7 30	22 37.57	−11 9.1	2.062	2.986	9.7	20.7
8 9	22 30.65	−11 23.9	2.018	2.996	6.2	20.5
8 19	22 22.48	−11 42.7	1.999	3.006	2.4	20.3
8 29	22 13.87	−12 1.7	2.008	3.016	1.6	20.2
9 8	22 5.68	−12 17.1	2.046	3.026	5.4	20.5
9 18	21 58.67	−12 26.1	2.110	3.035	8.9	20.7
9 28	21 53.47	−12 26.9	2.199	3.045	11.9	20.9

364508 2007 EH_{89} 8 25.3 194°.96 0°.3/25.6 18

7 20	22 38.70	− 7 24.1	2.546	3.380	11.4	22.3
7 30	22 34.39	− 7 51.0	2.463	3.378	8.7	22.1
8 9	22 28.58	− 8 27.2	2.402	3.377	5.7	21.9
8 19	22 21.68	− 9 10.0	2.369	3.375	2.3	21.7
8 29	22 14.32	− 9 55.6	2.364	3.372	1.2	21.6
9 8	22 7.19	−10 39.8	2.388	3.370	4.6	21.8
9 18	22 0.92	−11 19.0	2.440	3.367	7.8	22.0
9 28	21 56.10	−11 50.2	2.517	3.364	10.6	22.2

211773 2004 BF_{96} 8 25.3 169°.01 1°.6/23.7 18

7 20	22 39.73	−12 2.1	2.067	2.923	12.8	20.7
7 30	22 35.51	−12 52.8	1.994	2.924	9.7	20.5
8 9	22 29.45	−13 52.3	1.944	2.926	6.1	20.2
8 19	22 22.06	−14 55.7	1.920	2.927	2.5	20.0
8 29	22 14.11	−15 57.1	1.923	2.927	2.7	20.0
9 8	22 6.48	−16 50.8	1.955	2.928	6.3	20.3
9 18	21 59.97	−17 32.4	2.013	2.928	9.8	20.5
9 28	21 55.26	−17 59.7	2.094	2.929	12.8	20.7

427522 2002 JJ_{108} 8 25.3 95°.29 2°.9/22.3 18

7 20	22 41.62	−14 11.5	1.885	2.746	13.6	21.1
7 30	22 36.97	−15 36.8	1.834	2.768	10.1	20.9
8 9	22 30.35	−17 9.6	1.806	2.789	6.4	20.7
8 19	22 22.39	−18 42.4	1.806	2.810	3.3	20.5
8 29	22 13.96	−20 7.4	1.833	2.830	4.1	20.6
9 8	22 6.03	−21 17.8	1.888	2.850	7.4	20.9
9 18	21 59.44	−22 9.9	1.969	2.870	10.8	21.1
9 28	21 54.85	−22 42.3	2.072	2.889	13.6	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
391514 2007 RR_{116}			8 25.3 302°.08	2°.4/27.4 18		
	h m	° ′			°	m
7 20	22 38.50	− 1 49.7	1.783	2.616	15.5	21.2
7 30	22 34.92	− 2 3.9	1.698	2.608	12.3	21.0
8 9	22 29.27	− 2 35.6	1.633	2.600	8.5	20.7
8 19	22 22.06	− 3 22.8	1.592	2.592	4.6	20.5
8 29	22 14.10	− 4 21.1	1.578	2.584	2.5	20.3
9 8	22 6.39	− 5 24.4	1.589	2.576	5.8	20.5
9 18	21 59.88	− 6 25.9	1.627	2.568	9.9	20.7
9 28	21 55.37	− 7 19.8	1.688	2.561	13.6	21.0
479136 2013 BD_{51}			8 25.3 273°.22	2°.1/23.5 18		
7 20	22 41.73	−14 34.4	1.980	2.839	13.1	22.0
7 30	22 37.27	−15 8.4	1.892	2.824	10.0	21.8
8 9	22 30.73	−15 49.3	1.827	2.809	6.4	21.5
8 19	22 22.62	−16 32.5	1.788	2.793	2.9	21.3
8 29	22 13.77	−17 12.3	1.775	2.778	3.2	21.3
9 8	22 5.16	−17 43.4	1.791	2.762	6.9	21.5
9 18	21 57.71	−18 2.1	1.832	2.746	10.7	21.7
9 28	21 52.24	−18 6.5	1.895	2.730	14.0	21.9
205054 1999 FV_{2}			8 25.3 62°.65	3°.1/23.6 17		
7 20	22 47.74	−16 7.4	1.262	2.140	17.9	19.8
7 30	22 42.51	−16 29.8	1.208	2.149	13.6	19.6
8 9	22 34.32	−16 58.6	1.174	2.158	8.7	19.3
8 19	22 24.03	−17 26.7	1.162	2.168	4.0	19.1
8 29	22 13.02	−17 46.7	1.175	2.178	4.4	19.1
9 8	22 2.86	−17 53.0	1.213	2.187	9.0	19.4
9 18	21 54.82	−17 43.2	1.273	2.197	13.6	19.7
9 28	21 49.78	−17 17.5	1.354	2.207	17.5	20.0
50700 2000 EM_{129}			8 25.3 199°.42	0°.3/25.0 18		
7 20	22 42.33	− 8 20.7	1.861	2.708	14.4	20.1
7 30	22 37.72	− 9 1.5	1.782	2.705	11.0	19.9
8 9	22 31.01	− 9 55.1	1.724	2.702	7.1	19.7
8 19	22 22.72	−10 57.1	1.692	2.699	2.7	19.4
8 29	22 13.73	−12 1.5	1.687	2.695	1.8	19.3
9 8	22 5.05	−13 1.5	1.710	2.690	6.2	19.6
9 18	21 57.63	−13 51.8	1.759	2.685	10.3	19.8
9 28	21 52.26	−14 28.6	1.832	2.680	13.8	20.0
346716 2009 AW			8 25.3 241°.56	4°.6/29.3 18		
7 20	22 43.15	+ 3 40.6	2.305	3.087	14.0	22.1
7 30	22 38.08	+ 4 6.4	2.202	3.072	11.6	21.9
8 9	22 31.14	+ 4 17.5	2.120	3.056	8.8	21.7
8 19	22 22.78	+ 4 13.3	2.063	3.040	6.1	21.5
8 29	22 13.68	+ 3 54.9	2.033	3.023	4.6	21.3
9 8	22 4.68	+ 3 25.0	2.031	3.006	5.9	21.4
9 18	21 56.62	+ 2 47.9	2.057	2.988	8.7	21.5
9 28	21 50.23	+ 2 8.4	2.108	2.970	11.7	21.7
446235 2013 GQ_{115}			8 25.3 339°.33	3°.8/22.6 18		
7 20	22 45.66	−21 13.7	1.957	2.820	13.1	20.4
7 30	22 40.13	−21 26.0	1.884	2.816	10.0	20.2
8 9	22 32.45	−21 37.9	1.833	2.812	6.7	20.0
8 19	22 23.25	−21 44.5	1.808	2.808	4.1	19.8
8 29	22 13.46	−21 41.2	1.811	2.804	4.6	19.8
9 8	22 4.15	−21 24.9	1.840	2.801	7.7	20.0
9 18	21 56.25	−20 54.8	1.895	2.798	11.0	20.2
9 28	21 50.49	−20 11.8	1.973	2.795	14.0	20.4
355538 2008 AY_{135}			8 25.3 158°.30	4°.8/20.1 18		
7 20	22 40.20	−22 1.4	2.149	3.018	11.9	20.7
7 30	22 35.89	−23 16.6	2.085	3.020	9.1	20.5
8 9	22 29.71	−24 33.1	2.046	3.021	6.4	20.3
8 19	22 22.18	−25 44.5	2.032	3.023	4.8	20.3
8 29	22 14.09	−26 43.9	2.047	3.024	5.9	20.3
9 8	22 6.35	−27 26.4	2.087	3.025	8.4	20.5
9 18	21 59.79	−27 49.7	2.153	3.026	11.2	20.7
9 28	21 55.07	−27 53.6	2.240	3.027	13.7	20.8
478523 2012 SM_{57}			8 25.3 258°.05	3°.2/22.8 18		
7 20	22 46.31	−18 22.2	2.034	2.890	12.9	21.5
7 30	22 40.76	−18 49.3	1.942	2.872	9.9	21.3
8 9	22 32.99	−19 19.7	1.874	2.853	6.5	21.0
8 19	22 23.54	−19 48.1	1.832	2.834	3.6	20.8
8 29	22 13.27	−20 9.2	1.817	2.814	4.1	20.8
9 8	22 3.25	−20 18.4	1.831	2.794	7.5	21.0
9 18	21 54.48	−20 13.4	1.870	2.773	11.1	21.2
9 28	21 47.80	−19 53.7	1.933	2.752	14.4	21.3
131229 2001 DU_{100}			8 25.3 158°.19	5°.3/20.7 17		
7 20	22 46.26	−24 33.7	2.096	2.957	12.5	19.9
7 30	22 40.46	−25 23.9	2.034	2.961	9.6	19.7
8 9	22 32.60	−26 12.2	1.995	2.966	6.9	19.6
8 19	22 23.30	−26 52.5	1.983	2.970	5.3	19.5
8 29	22 13.47	−27 18.8	1.999	2.974	6.1	19.5
9 8	22 4.14	−27 27.6	2.041	2.977	8.6	19.7
9 18	21 56.20	−27 17.9	2.108	2.980	11.4	19.9
9 28	21 50.35	−26 50.9	2.197	2.983	14.0	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
99125 2001 FV_{80}			8 25.3 178°.08	0°.8/26.1 18		
	h m	° ′			°	m
7 20	22 42.39	− 6 19.9	2.522	3.345	11.8	20.8
7 30	22 37.17	− 6 36.4	2.438	3.347	9.1	20.7
8 9	22 30.35	− 7 2.5	2.378	3.348	6.0	20.5
8 19	22 22.41	− 7 35.6	2.345	3.349	2.6	20.3
8 29	22 13.97	− 8 12.5	2.342	3.350	1.3	20.2
9 8	22 5.79	− 8 49.3	2.367	3.349	4.6	20.4
9 18	21 58.56	− 9 22.3	2.421	3.348	7.8	20.6
9 28	21 52.86	− 9 48.6	2.500	3.346	10.7	20.8
299703 2006 QH_{156}			8 25.3 327°.71	1°.3/26.5 18		
7 20	22 37.81	− 4 29.6	1.774	2.619	15.0	20.5
7 30	22 34.39	− 4 53.9	1.693	2.613	11.7	20.2
8 9	22 28.92	− 5 34.1	1.633	2.607	7.9	20.0
8 19	22 21.93	− 6 27.1	1.597	2.601	3.6	19.7
8 29	22 14.23	− 7 27.9	1.588	2.596	1.7	19.6
9 8	22 6.82	− 8 29.7	1.604	2.590	5.8	19.9
9 18	22 0.63	− 9 26.5	1.647	2.586	10.0	20.1
9 28	21 56.41	−10 12.9	1.712	2.581	13.6	20.3
79842 1998 WG_{42}			8 25.3 35°.72	5°.7/21.4 18		
7 20	22 43.43	−20 42.0	1.318	2.206	16.7	19.2
7 30	22 39.24	−21 43.9	1.268	2.213	12.7	19.0
8 9	22 32.24	−22 48.5	1.238	2.220	8.6	18.8
8 19	22 23.24	−23 46.2	1.230	2.228	5.9	18.7
8 29	22 13.53	−24 27.9	1.247	2.236	7.0	18.7
9 8	22 4.58	−24 47.5	1.288	2.245	10.6	19.0
9 18	21 57.59	−24 43.0	1.350	2.254	14.5	19.2
9 28	21 53.41	−24 16.1	1.432	2.263	17.9	19.5
339163 2004 TK_{66}			8 25.3 349°.41	8°.1/19.9 18		
7 20	22 28.82	−22 4.1	0.875	1.804	18.9	19.4
7 30	22 29.32	−23 11.5	0.817	1.784	14.7	19.0
8 9	22 26.56	−24 23.2	0.775	1.766	10.5	18.8
8 19	22 21.21	−25 27.0	0.753	1.751	8.2	18.6
8 29	22 14.66	−26 9.0	0.749	1.739	9.9	18.6
9 8	22 8.71	−26 19.2	0.764	1.730	14.1	18.8
9 18	22 4.95	−25 54.2	0.795	1.725	18.8	19.0
9 28	22 4.51	−24 56.0	0.843	1.722	23.0	19.3
215354 2001 XM_{142}			8 25.3 49°.86	5°.0/20.4 18		
7 20	22 40.19	−21 42.8	1.949	2.823	12.7	20.1
7 30	22 36.02	−22 53.0	1.890	2.827	9.7	19.9
8 9	22 29.84	−24 4.7	1.855	2.832	6.7	19.7
8 19	22 22.25	−25 10.7	1.845	2.837	5.0	19.6
8 29	22 14.10	−26 4.1	1.862	2.843	6.0	19.7
9 8	22 6.38	−26 39.9	1.905	2.848	8.7	19.9
9 18	21 59.96	−26 55.9	1.972	2.853	11.7	20.1
9 28	21 55.54	−26 52.2	2.060	2.859	14.3	20.3
56863 2000 QZ_{90}			8 25.3 22°.55	1°.9/26.9 18		
7 20	22 39.72	− 4 25.9	1.777	2.618	15.2	18.9
7 30	22 35.72	− 4 25.2	1.706	2.623	11.9	18.7
8 9	22 29.69	− 4 38.5	1.657	2.627	8.0	18.5
8 19	22 22.20	− 5 3.4	1.631	2.633	4.0	18.2
8 29	22 14.13	− 5 36.2	1.631	2.638	2.1	18.1
9 8	22 6.45	− 6 11.6	1.658	2.644	5.7	18.4
9 18	22 0.05	− 6 44.9	1.711	2.651	9.6	18.6
9 28	21 55.66	− 7 11.7	1.787	2.658	13.1	18.8
386812 2010 FZ_{28}			8 25.3 201°.95	1°.1/26.5 18		
7 20	22 38.34	− 2 53.5	1.935	2.768	14.5	21.3
7 30	22 34.62	− 3 47.4	1.854	2.766	11.3	21.0
8 9	22 28.99	− 4 59.0	1.794	2.765	7.5	20.8
8 19	22 21.94	− 6 24.5	1.760	2.763	3.4	20.6
8 29	22 14.26	− 7 57.6	1.753	2.761	1.6	20.4
9 8	22 6.85	− 9 30.7	1.775	2.759	5.5	20.7
9 18	22 0.56	−10 56.6	1.823	2.757	9.5	20.9
9 28	21 56.10	−12 9.7	1.896	2.755	13.0	21.2
91589 1999 TF_{1}			8 25.3 288°.75	1°.3/26.6 18		
7 20	22 38.53	− 4 34.1	2.241	3.071	12.8	19.7
7 30	22 34.65	− 4 49.5	2.136	3.048	10.1	19.5
8 9	22 28.99	− 5 17.6	2.054	3.024	6.8	19.3
8 19	22 21.97	− 5 56.3	1.997	2.999	3.3	19.0
8 29	22 14.22	− 6 42.2	1.968	2.975	1.6	18.8
9 8	22 6.57	− 7 30.5	1.966	2.951	5.1	19.0
9 18	21 59.81	− 8 16.6	1.992	2.926	8.8	19.2
9 28	21 54.67	− 8 56.0	2.042	2.902	12.1	19.4
353401 2011 PV_{8}			8 25.3 304°.87	0°.6/25.8 18		
7 20	22 42.15	− 8 35.0	1.751	2.602	14.9	20.8
7 30	22 37.83	− 8 31.4	1.662	2.586	11.6	20.6
8 9	22 31.24	− 8 38.1	1.593	2.570	7.6	20.3
8 19	22 22.90	− 8 52.9	1.549	2.555	3.2	20.0
8 29	22 13.71	− 9 11.6	1.531	2.539	1.6	19.9
9 8	22 4.75	− 9 29.8	1.540	2.524	6.2	20.1
9 18	21 57.08	− 9 43.2	1.574	2.510	10.6	20.4
9 28	21 51.57	− 9 48.5	1.631	2.495	14.5	20.6

515271 2012 TX_{18} 8 25.3 300°.43 10°.2/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 45.16	−32 59.6	1.622	2.495	14.8	20.9
7 30	22 40.86	−34 32.2	1.547	2.469	12.5	20.7
8 9	22 33.57	−35 59.4	1.493	2.443	10.7	20.5
8 19	22 23.93	−37 9.8	1.463	2.417	10.3	20.4
8 29	22 13.09	−37 52.9	1.455	2.390	11.7	20.4
9 8	22 2.60	−38 2.4	1.470	2.364	14.3	20.5
9 18	21 53.90	−37 37.5	1.506	2.339	17.2	20.6
9 28	21 48.10	−36 41.5	1.558	2.313	20.0	20.8

321999 2010 UD_{78} 8 25.3 324°.92 1°.4/26.5 18

7 20	22 40.61	− 5 50.6	2.096	2.931	13.4	20.6
7 30	22 36.17	− 5 46.4	2.013	2.927	10.5	20.4
8 9	22 29.90	− 5 52.9	1.953	2.923	7.0	20.2
8 19	22 22.30	− 6 8.2	1.917	2.920	3.3	20.0
8 29	22 14.10	− 6 29.3	1.909	2.916	1.7	19.8
9 8	22 6.19	− 6 52.2	1.928	2.913	5.2	20.1
9 18	21 59.36	− 7 13.1	1.974	2.910	8.8	20.3
9 28	21 54.30	− 7 28.8	2.045	2.907	12.0	20.5

423158 2004 EU_{96} 8 25.3 164°.76 0°.6/25.8 17

7 20	22 44.07	− 6 43.8	1.912	2.748	14.5	22.3
7 30	22 38.92	− 7 8.1	1.837	2.753	11.1	22.1
8 9	22 31.71	− 7 44.9	1.784	2.758	7.3	21.9
8 19	22 23.02	− 8 30.7	1.756	2.762	3.1	21.6
8 29	22 13.70	− 9 20.6	1.757	2.765	1.5	21.5
9 8	22 4.76	−10 8.7	1.785	2.767	5.7	21.8
9 18	21 57.10	−10 50.3	1.840	2.769	9.7	22.1
9 28	21 51.46	−11 21.7	1.919	2.771	13.1	22.3

99736 2002 JW_{61} 8 25.3 116°.94 4°.0/22.2 18

7 20	22 44.71	−16 28.3	1.522	2.394	15.7	19.8
7 30	22 39.86	−17 39.5	1.466	2.405	11.8	19.6
8 9	22 32.50	−18 57.7	1.433	2.416	7.6	19.3
8 19	22 23.35	−20 14.6	1.423	2.426	4.3	19.2
8 29	22 13.53	−21 21.0	1.440	2.436	5.2	19.3
9 8	22 4.33	−22 9.8	1.483	2.445	9.0	19.5
9 18	21 56.85	−22 37.6	1.550	2.455	12.9	19.8
9 28	21 51.90	−22 43.9	1.638	2.464	16.2	20.0

376102 2010 VS_{215} 8 25.3 213°.42 4°.1/22.1 18

7 20	22 44.59	−17 39.6	1.619	2.490	15.0	21.3
7 30	22 39.83	−18 38.2	1.549	2.487	11.4	21.0
8 9	22 32.55	−19 43.0	1.501	2.483	7.5	20.8
8 19	22 23.41	−20 46.5	1.477	2.479	4.3	20.6
8 29	22 13.46	−21 40.4	1.480	2.475	5.3	20.7
9 8	22 3.95	−22 18.0	1.509	2.470	9.0	20.9
9 18	21 56.03	−22 35.8	1.562	2.465	12.9	21.1
9 28	21 50.57	−22 33.2	1.635	2.460	16.3	21.3

218792 2005 YT_{189} 8 25.3 2°.20 0°.8/26.1 18

7 20	22 37.38	− 5 57.3	1.969	2.813	13.8	20.3
7 30	22 33.82	− 6 19.6	1.892	2.813	10.6	20.1
8 9	22 28.43	− 6 54.6	1.838	2.813	7.0	19.9
8 19	22 21.73	− 7 39.5	1.808	2.813	3.1	19.6
8 29	22 14.46	− 8 29.4	1.805	2.814	1.5	19.5
9 8	22 7.49	− 9 19.0	1.830	2.815	5.4	19.8
9 18	22 1.64	−10 3.4	1.880	2.816	9.1	20.0
9 28	21 57.56	−10 38.5	1.954	2.818	12.4	20.2

165972 2001 XE_{242} 8 25.3 43°.96 6°.0/21.2 18

7 20	22 43.08	−19 14.4	1.139	2.034	18.2	19.6
7 30	22 39.33	−20 34.2	1.093	2.042	13.8	19.3
8 9	22 32.48	−21 59.6	1.066	2.051	9.3	19.1
8 19	22 23.40	−23 19.0	1.061	2.061	6.2	19.0
8 29	22 13.53	−24 20.7	1.080	2.070	7.5	19.1
9 8	22 4.51	−24 56.7	1.121	2.081	11.5	19.3
9 18	21 57.68	−25 4.7	1.183	2.091	15.7	19.6
9 28	21 53.93	−24 46.2	1.263	2.102	19.4	19.9

323316 2003 UA_{112} 8 25.3 305°.64 5°.2/22.0 18

7 20	22 44.41	−19 38.7	1.299	2.185	17.0	20.4
7 30	22 40.38	−20 25.2	1.227	2.171	13.1	20.1
8 9	22 33.29	−21 16.8	1.174	2.158	8.8	19.8
8 19	22 23.82	−22 4.8	1.144	2.145	5.5	19.6
8 29	22 13.24	−22 39.5	1.139	2.133	6.5	19.6
9 8	22 3.14	−22 53.8	1.156	2.120	10.7	19.8
9 18	21 54.96	−22 44.7	1.196	2.109	15.2	20.0
9 28	21 49.81	−22 12.7	1.255	2.097	19.2	20.3

231883 2000 VS_2 8 25.3 238°.73 2°.4/23.2 18

7 20	22 42.49	−14 42.5	1.929	2.789	13.4	21.1
7 30	22 37.88	−15 26.5	1.847	2.780	10.2	20.9
8 9	22 31.15	−16 17.9	1.789	2.771	6.5	20.7
8 19	22 22.85	−17 11.3	1.756	2.762	3.0	20.4
8 29	22 13.82	−18 0.5	1.751	2.752	3.5	20.5
9 8	22 5.09	−18 39.7	1.773	2.742	7.2	20.7
9 18	21 57.60	−19 5.0	1.821	2.732	10.9	20.9
9 28	21 52.13	−19 14.7	1.891	2.721	14.2	21.1

481484 2007 CT_{37} 8 25.3 256°.57 0°.5/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.34	− 7 56.2	2.388	3.221	12.0	22.4
7 30	22 36.61	− 8 3.3	2.292	3.207	9.3	22.2
8 9	22 30.16	− 8 19.1	2.219	3.192	6.1	21.9
8 19	22 22.43	− 8 41.5	2.172	3.177	2.6	21.7
8 29	22 14.08	− 9 7.1	2.154	3.162	1.3	21.5
9 8	22 5.90	− 9 32.2	2.165	3.147	4.9	21.8
9 18	21 58.66	− 9 53.6	2.203	3.131	8.4	22.0
9 28	21 53.00	−10 8.2	2.265	3.115	11.5	22.1

403677 2010 UB_{31} 8 25.3 153°.62 1°.3/26.8 18

7 20	22 39.25	− 4 22.2	2.574	3.394	11.6	21.8
7 30	22 34.77	− 4 34.1	2.493	3.398	9.1	21.6
8 9	22 28.83	− 4 56.4	2.436	3.402	6.1	21.5
8 19	22 21.85	− 5 27.1	2.405	3.406	3.0	21.3
8 29	22 14.44	− 6 3.0	2.403	3.410	1.5	21.2
9 8	22 7.28	− 6 40.5	2.429	3.413	4.3	21.4
9 18	22 0.99	− 7 15.9	2.483	3.416	7.4	21.6
9 28	21 56.14	− 7 46.1	2.563	3.419	10.1	21.8

390891 2004 YS_{23} 8 25.3 282°.92 1°.7/23.8 18

7 20	22 39.90	−11 46.1	1.790	2.652	14.2	21.4
7 30	22 36.13	−12 34.9	1.701	2.635	10.8	21.1
8 9	22 30.17	−13 35.3	1.635	2.618	6.9	20.9
8 19	22 22.51	−14 42.2	1.594	2.601	2.8	20.6
8 29	22 14.01	−15 48.4	1.580	2.584	3.0	20.6
9 8	22 5.70	−16 46.9	1.592	2.567	7.2	20.8
9 18	21 58.62	−17 32.1	1.630	2.550	11.3	21.0
9 28	21 53.63	−18 0.7	1.689	2.533	15.0	21.2

76641 2000 HT_{20} 8 25.3 213°.84 2°.9/22.1 18

7 20	22 40.83	−16 56.8	2.365	3.222	11.3	19.9
7 30	22 36.25	−17 56.8	2.285	3.216	8.6	19.7
8 9	22 29.93	−19 2.0	2.229	3.209	5.6	19.5
8 19	22 22.33	−20 7.0	2.200	3.201	3.2	19.4
8 29	22 14.15	−21 6.0	2.200	3.193	3.9	19.4
9 8	22 6.20	−21 54.1	2.228	3.185	6.8	19.6
9 18	21 59.25	−22 28.0	2.282	3.176	9.8	19.7
9 28	21 53.96	−22 46.2	2.360	3.167	12.5	19.9

96049 2004 QF_{11} 8 25.3 357°.23 3°.9/21.4 18

7 20	22 37.13	−17 19.8	1.852	2.728	13.2	19.1
7 30	22 33.84	−18 34.4	1.785	2.726	9.9	18.9
8 9	22 28.56	−19 55.2	1.741	2.725	6.5	18.7
8 19	22 21.82	−21 15.2	1.723	2.724	4.0	18.5
8 29	22 14.45	−22 26.6	1.731	2.723	5.0	18.6
9 8	22 7.44	−23 23.1	1.766	2.723	8.2	18.8
9 18	22 1.66	−24 0.7	1.825	2.724	11.6	19.0
9 28	21 57.83	−24 18.0	1.906	2.725	14.6	19.2

310574 2001 SH_{262} 8 25.3 305°.67 0°.2/25.2 17

7 20	22 42.38	− 7 57.9	1.980	2.822	13.8	21.5
7 30	22 38.23	− 8 33.2	1.848	2.769	10.9	21.2
8 9	22 31.76	− 9 23.4	1.738	2.715	7.2	20.9
8 19	22 23.28	−10 25.8	1.653	2.660	2.9	20.5
8 29	22 13.48	−11 35.2	1.596	2.604	1.8	20.3
9 8	22 3.37	−12 44.8	1.567	2.547	6.7	20.5
9 18	21 54.06	−13 47.6	1.564	2.489	11.4	20.7
9 28	21 46.66	−14 38.0	1.585	2.431	15.7	20.8

392126 2009 FG_{49} 8 25.3 40°.39 0°.5/25.9 18

7 20	22 36.27	− 3 39.0	1.707	2.554	15.5	20.4
7 30	22 33.19	− 4 49.7	1.642	2.564	11.9	20.2
8 9	22 28.12	− 6 19.3	1.599	2.575	7.8	20.0
8 19	22 21.63	− 8 2.3	1.580	2.585	3.3	19.8
8 29	22 14.58	− 9 50.5	1.588	2.596	1.5	19.7
9 8	22 7.92	−11 34.7	1.624	2.608	6.0	20.0
9 18	22 2.52	−13 7.2	1.685	2.620	10.1	20.3
9 28	21 59.09	−14 22.3	1.771	2.632	13.6	20.5

476308 2007 WL_{34} 8 25.3 337°.21 3°.6/22.4 18

7 20	22 41.93	−18 9.2	1.756	2.628	14.0	21.1
7 30	22 37.58	−18 50.1	1.686	2.624	10.6	20.9
8 9	22 31.00	−19 35.2	1.639	2.621	6.9	20.7
8 19	22 22.80	−20 18.5	1.616	2.618	3.9	20.5
8 29	22 13.92	−20 53.3	1.620	2.616	4.7	20.5
9 8	22 5.47	−21 14.4	1.649	2.613	8.1	20.7
9 18	21 58.44	−21 19.1	1.703	2.611	11.8	21.0
9 28	21 53.60	−21 7.0	1.779	2.609	15.0	21.2

183923 2004 CS_{118} 8 25.3 254°.62 0°.6/25.8 18

7 20	22 42.33	− 6 11.8	1.749	2.593	15.3	21.5
7 30	22 38.06	− 6 42.3	1.656	2.576	11.9	21.3
8 9	22 31.47	− 7 28.4	1.583	2.558	7.9	21.0
8 19	22 23.07	− 8 26.9	1.535	2.540	3.3	20.7
8 29	22 13.71	− 9 32.1	1.514	2.522	1.7	20.5
9 8	22 4.51	−10 36.7	1.519	2.503	6.4	20.8
9 18	21 56.55	−11 34.3	1.551	2.483	11.0	21.0
9 28	21 50.77	−12 19.5	1.606	2.463	15.0	21.2

175140 2005 EM_{10} 8 25.3 50°.63 0°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.05	− 9 22.8	1.633	2.487	15.7	19.6
7 30	22 39.05	− 9 21.9	1.575	2.502	12.0	19.4
8 9	22 31.82	− 9 31.1	1.539	2.517	7.7	19.2
8 19	22 23.07	− 9 47.2	1.526	2.533	3.1	18.9
8 29	22 13.80	−10 5.6	1.541	2.549	1.7	18.9
9 8	22 5.14	−10 21.7	1.581	2.565	6.2	19.2
9 18	21 58.04	−10 31.9	1.648	2.582	10.3	19.5
9 28	21 53.21	−10 33.5	1.737	2.598	13.8	19.8

157611 2005 WF_{51} 8 25.3 235°.08 2°.1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.91	− 1 49.3	2.612	3.421	11.8	20.8
7 30	22 34.60	− 1 56.8	2.516	3.412	9.4	20.6
8 9	22 28.79	− 2 16.0	2.443	3.402	6.5	20.4
8 19	22 21.88	− 2 45.6	2.396	3.392	3.6	20.2
8 29	22 14.44	− 3 23.0	2.377	3.381	2.1	20.1
9 8	22 7.16	− 4 4.5	2.387	3.370	4.4	20.2
9 18	22 0.68	− 4 46.3	2.425	3.359	7.4	20.4
9 28	21 55.60	− 5 24.5	2.488	3.348	10.2	20.6

238541 2004 VV_{24} 8 25.4 239°.81 0°.9/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.33	−11 13.9	2.078	2.925	13.1	21.3
7 30	22 38.39	−11 38.3	1.988	2.912	10.0	21.1
8 9	22 31.44	−12 11.3	1.920	2.899	6.4	20.8
8 19	22 22.99	−12 49.1	1.879	2.886	2.5	20.5
8 29	22 13.80	−13 27.1	1.865	2.872	2.0	20.5
9 8	22 4.83	−14 0.1	1.880	2.857	6.0	20.7
9 18	21 56.99	−14 24.5	1.921	2.843	9.8	20.9
9 28	21 51.04	−14 37.5	1.986	2.827	13.2	21.1

368865 2006 PG_{34} 8 25.4 345°.67 1°.4/26.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.75	− 7 9.1	1.017	1.906	20.3	20.0
7 30	22 34.91	− 7 0.3	0.950	1.895	15.9	19.7
8 9	22 29.97	− 7 9.9	0.899	1.884	10.6	19.4
8 19	22 22.58	− 7 35.2	0.868	1.875	4.7	19.1
8 29	22 14.02	− 8 10.2	0.859	1.868	2.3	18.9
9 8	22 5.94	− 8 46.3	0.871	1.862	8.2	19.2
9 18	21 59.85	− 9 15.8	0.904	1.857	14.0	19.5
9 28	21 56.90	− 9 32.4	0.954	1.855	19.0	19.8

92067 1999 WP_{14} 8 25.4 166°.61 5°.5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.95	+10 12.8	2.612	3.358	13.4	20.1
7 30	22 33.86	+10 25.0	2.524	3.360	11.4	19.9
8 9	22 28.30	+10 19.8	2.456	3.361	9.1	19.8
8 19	22 21.68	+ 9 56.6	2.412	3.363	7.0	19.7
8 29	22 14.58	+ 9 16.8	2.394	3.365	5.6	19.6
9 8	22 7.68	+ 8 23.5	2.403	3.366	6.0	19.6
9 18	22 1.62	+ 7 21.2	2.439	3.367	7.7	19.7
9 28	21 56.95	+ 6 15.3	2.502	3.368	10.0	19.9

55671 9587 P–L 8 25.4 298°.60 3°.1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.93	−16 35.1	1.850	2.719	13.5	19.2
7 30	22 36.76	−17 21.2	1.775	2.712	10.2	19.0
8 9	22 30.47	−18 13.2	1.722	2.705	6.6	18.7
8 19	22 22.61	−19 5.3	1.694	2.698	3.5	18.5
8 29	22 14.05	−19 51.0	1.693	2.691	4.2	18.6
9 8	22 5.83	−20 24.6	1.719	2.684	7.7	18.8
9 18	21 58.91	−20 42.6	1.769	2.678	11.3	19.0
9 28	21 54.06	−20 43.9	1.842	2.672	14.5	19.2

257755 2000 BY_{19} 8 25.4 292°.06 0°.1/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.01	− 8 16.1	2.252	3.096	12.3	21.2
7 30	22 34.21	− 8 42.5	2.158	3.080	9.5	20.9
8 9	22 28.69	− 9 19.1	2.087	3.064	6.1	20.7
8 19	22 21.89	−10 3.2	2.042	3.049	2.5	20.4
8 29	22 14.46	−10 50.3	2.025	3.033	1.4	20.3
9 8	22 7.20	−11 35.8	2.036	3.017	5.2	20.6
9 18	22 0.86	−12 15.1	2.073	3.002	8.8	20.8
9 28	21 56.14	−12 45.0	2.135	2.986	12.0	20.9

241416 2008 UN_{198} 8 25.4 233°.91 5°.3/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.63	+ 7 35.2	2.140	2.913	15.2	20.9
7 30	22 35.55	+ 7 35.4	2.043	2.903	12.7	20.7
8 9	22 29.62	+ 7 15.2	1.966	2.892	9.9	20.5
8 19	22 22.28	+ 6 34.2	1.912	2.881	7.1	20.3
8 29	22 14.24	+ 5 34.2	1.884	2.870	5.4	20.2
9 8	22 6.36	+ 4 19.9	1.883	2.858	6.3	20.2
9 18	21 59.46	+ 2 57.8	1.909	2.846	9.0	20.4
9 28	21 54.28	+ 1 34.8	1.961	2.833	12.0	20.5

288856 2004 RT_{213} 8 25.4 9°.42 9°.2/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.34	+16 43.6	2.047	2.769	17.3	19.9
7 30	22 33.88	+17 29.2	1.966	2.770	15.3	19.7
8 9	22 28.56	+17 50.8	1.902	2.771	13.1	19.6
8 19	22 21.86	+17 45.7	1.858	2.773	10.9	19.4
8 29	22 14.51	+17 13.4	1.837	2.775	9.5	19.4
9 8	22 7.41	+16 16.8	1.840	2.778	9.3	19.4
9 18	22 1.38	+15 1.8	1.867	2.781	10.5	19.4
9 28	21 57.14	+13 36.0	1.917	2.785	12.5	19.6

350439 2012 WF_{1} 8 25.4 299°.85 3°.8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.68	−18 5.5	1.753	2.625	14.0	20.8
7 30	22 37.48	−18 55.6	1.679	2.618	10.6	20.6
8 9	22 31.01	−19 50.7	1.628	2.610	7.0	20.4
8 19	22 22.86	−20 44.4	1.602	2.603	4.1	20.2
8 29	22 13.96	−21 29.5	1.601	2.596	4.9	20.2
9 8	22 5.44	−22 0.1	1.627	2.589	8.4	20.4
9 18	21 58.32	−22 13.1	1.678	2.582	12.1	20.6
9 28	21 53.40	−22 7.5	1.749	2.576	15.3	20.8

119537 2001 VF_{14} 8 25.4 253°.94 3°.0/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.05	− 2 2.5	1.775	2.601	15.8	19.8
7 30	22 38.47	− 1 51.1	1.688	2.593	12.6	19.6
8 9	22 31.66	− 1 55.1	1.621	2.583	8.9	19.3
8 19	22 23.14	− 2 13.5	1.578	2.574	5.0	19.1
8 29	22 13.79	− 2 43.5	1.561	2.565	3.1	18.9
9 8	22 4.68	− 3 20.1	1.571	2.555	6.1	19.1
9 18	21 56.85	− 3 58.0	1.606	2.545	10.1	19.3
9 28	21 51.15	− 4 31.9	1.665	2.536	13.9	19.5

38585 1999 XD_{67} 8 25.4 262°.66 1°.4/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 32.11	− 1 54.7	4.505	5.305	7.4	19.8
7 30	22 28.88	− 2 4.9	4.407	5.297	5.8	19.7
8 9	22 24.86	− 2 21.9	4.334	5.289	4.1	19.6
8 19	22 20.28	− 2 44.7	4.287	5.282	2.3	19.4
8 29	22 15.46	− 3 11.8	4.270	5.274	1.4	19.4
9 8	22 10.74	− 3 41.3	4.283	5.266	2.7	19.5
9 18	22 6.43	− 4 11.3	4.325	5.258	4.5	19.6
9 28	22 2.85	− 4 39.6	4.394	5.250	6.2	19.7

289059 2004 TE_{196} 8 25.4 218°.30 3°.1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.12	−20 15.9	2.840	3.693	9.8	21.0
7 30	22 36.18	−20 54.0	2.758	3.686	7.4	20.9
8 9	22 29.76	−21 33.4	2.701	3.678	5.0	20.7
8 19	22 22.27	−22 10.1	2.672	3.669	3.2	20.6
8 29	22 14.32	−22 40.0	2.672	3.661	3.8	20.6
9 8	22 6.60	−22 59.8	2.701	3.652	6.1	20.7
9 18	21 59.75	−23 7.8	2.756	3.642	8.6	20.9
9 28	21 54.31	−23 3.2	2.836	3.633	10.9	21.0

208363 2001 RT_{122} 8 25.4 16°.05 0°.2/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.90	− 7 35.5	1.785	2.638	14.6	20.0
7 30	22 35.17	− 8 4.3	1.714	2.640	11.2	19.8
8 9	22 29.41	− 8 46.0	1.663	2.642	7.3	19.5
8 19	22 22.20	− 9 36.6	1.638	2.644	2.9	19.3
8 29	22 14.36	−10 30.7	1.638	2.647	1.6	19.2
9 8	22 6.90	−11 22.0	1.666	2.649	6.0	19.5
9 18	22 0.69	−12 5.3	1.719	2.653	10.0	19.7
9 28	21 56.47	−12 36.9	1.795	2.656	13.5	20.0

385832 2006 HQ_{25} 8 25.4 77°.84 2°.5/23.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.76	−14 31.8	1.767	2.632	14.2	21.4
7 30	22 37.33	−15 19.2	1.705	2.640	10.7	21.2
8 9	22 30.77	−16 13.9	1.666	2.649	6.8	21.0
8 19	22 22.71	−17 9.9	1.651	2.657	3.1	20.8
8 29	22 14.09	−18 0.5	1.664	2.665	3.6	20.9
9 8	22 5.94	−18 39.9	1.703	2.673	7.3	21.1
9 18	21 59.19	−19 4.5	1.767	2.682	11.0	21.4
9 28	21 54.56	−19 13.0	1.854	2.690	14.2	21.6

449333 2013 FU_{24} 8 25.4 29°.10 2°.7/23.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.95	−17 14.8	1.932	2.798	13.1	20.7
7 30	22 37.28	−17 38.0	1.870	2.804	9.9	20.5
8 9	22 30.64	−18 4.6	1.829	2.811	6.4	20.3
8 19	22 22.64	−18 29.8	1.814	2.819	3.2	20.2
8 29	22 14.14	−18 48.7	1.827	2.826	3.6	20.2
9 8	22 6.11	−18 57.3	1.866	2.834	6.9	20.4
9 18	21 59.41	−18 53.7	1.930	2.842	10.3	20.7
9 28	21 54.69	−18 37.3	2.018	2.851	13.3	20.9

159701 2002 QD_{23} 8 25.4 349°.19 0°.5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.05	− 9 3.6	2.017	2.873	13.1	19.7
7 30	22 32.84	− 9 44.1	1.940	2.869	9.9	19.5
8 9	22 27.86	−10 35.9	1.884	2.865	6.3	19.2
8 19	22 21.58	−11 34.8	1.854	2.861	2.4	19.0
8 29	22 14.72	−12 35.4	1.851	2.858	1.8	18.9
9 8	22 8.14	−13 31.8	1.875	2.856	5.7	19.2
9 18	22 2.62	−14 19.1	1.925	2.854	9.4	19.4
9 28	21 58.82	−14 53.9	1.999	2.852	12.6	19.6

153268 2001 CV_{32} 8 25.4 190°.24 7°.1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.90	−35 20.2	2.917	3.764	9.7	20.5
7 30	22 37.03	−37 0.5	2.863	3.762	8.2	20.4
8 9	22 30.44	−38 34.4	2.835	3.761	7.3	20.4
8 19	22 22.59	−39 55.4	2.834	3.758	7.2	20.4
8 29	22 14.16	−40 58.3	2.859	3.756	8.1	20.4
9 8	22 5.95	−41 39.8	2.911	3.752	9.6	20.5
9 18	21 58.73	−41 59.2	2.984	3.749	11.2	20.6
9 28	21 53.12	−41 57.6	3.078	3.745	12.6	20.8

223965 2004 XY_{102} 8 25.4 325°.70 8°.5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.99	−31 28.2	1.879	2.755	13.0	19.0
7 30	22 36.36	−32 53.4	1.811	2.737	10.8	18.9
8 9	22 30.39	−34 13.7	1.766	2.719	9.0	18.7
8 19	22 22.65	−35 20.3	1.744	2.702	8.6	18.7
8 29	22 14.11	−36 5.1	1.747	2.686	9.8	18.7
9 8	22 5.92	−36 23.2	1.773	2.670	12.1	18.8
9 18	21 59.15	−36 13.4	1.820	2.655	14.6	18.9
9 28	21 54.66	−35 37.7	1.887	2.641	17.0	19.1

105791 2000 SH_{122} 8 25.4 344°.43 2°.8/22.9 18

7 20	22 38.30	−15 3.1	1.785	2.658	13.7	19.3
7 30	22 34.82	−15 53.0	1.713	2.652	10.4	19.0
8 9	22 29.25	−16 50.5	1.663	2.648	6.6	18.8
8 19	22 22.16	−17 49.8	1.638	2.644	3.2	18.6
8 29	22 14.41	−18 44.0	1.640	2.640	3.9	18.6
9 8	22 7.00	−19 27.0	1.667	2.636	7.5	18.9
9 18	22 0.87	−19 54.7	1.719	2.634	11.2	19.1
9 28	21 56.77	−20 5.2	1.793	2.631	14.5	19.3

95704 2002 JS_{124} 8 25.4 257°.09 2°.4/27.9 18 R

7 20	22 39.30	+ 0 24.3	2.074	2.887	14.3	19.9
7 30	22 35.42	− 0 11.8	1.971	2.868	11.5	19.7
8 9	22 29.63	− 1 7.1	1.889	2.848	8.1	19.4
8 19	22 22.35	− 2 19.6	1.832	2.828	4.5	19.2
8 29	22 14.27	− 3 45.0	1.803	2.808	2.5	19.0
9 8	22 6.29	− 5 16.7	1.802	2.787	5.4	19.1
9 18	21 59.28	− 6 47.4	1.828	2.766	9.2	19.3
9 28	21 54.02	− 8 10.2	1.880	2.744	12.8	19.5

178061 2006 SR_{36} 8 25.4 346°.63 5°.8/21.0 18

7 20	22 37.77	−17 44.6	1.141	2.041	17.7	19.0
7 30	22 35.51	−19 11.0	1.081	2.035	13.5	18.7
8 9	22 30.25	−20 47.7	1.041	2.029	9.0	18.4
8 19	22 22.69	−22 23.3	1.022	2.024	5.9	18.2
8 29	22 14.11	−23 44.8	1.027	2.019	7.4	18.3
9 8	22 6.08	−24 41.8	1.054	2.016	11.7	18.5
9 18	22 0.01	−25 9.1	1.101	2.014	16.2	18.8
9 28	21 56.93	−25 6.5	1.166	2.013	20.1	19.1

507839 2014 FM_{14} 8 25.4 270°.33 1°.9/27.5 18

7 20	22 37.09	+ 1 8.1	1.865	2.686	15.4	20.5
7 30	22 33.83	− 0 3.7	1.778	2.681	12.2	20.3
8 9	22 28.61	− 1 39.1	1.712	2.676	8.4	20.1
8 19	22 21.93	− 3 34.2	1.671	2.671	4.4	19.8
8 29	22 14.55	− 5 42.1	1.658	2.665	2.0	19.7
9 8	22 7.39	− 7 52.9	1.674	2.660	5.6	19.9
9 18	22 1.35	− 9 57.1	1.717	2.655	9.7	20.1
9 28	21 57.17	−11 46.5	1.786	2.650	13.4	20.4

274841 2009 QQ_{23} 8 25.4 14°.47 3°.3/23.4 18

7 20	22 37.56	−14 28.7	0.967	1.873	19.7	19.0
7 30	22 35.43	−15 8.0	0.922	1.878	14.9	18.7
8 9	22 30.15	−15 58.6	0.894	1.885	9.5	18.5
8 19	22 22.60	−16 51.6	0.887	1.894	4.3	18.2
8 29	22 14.23	−17 36.7	0.901	1.904	4.8	18.3
9 8	22 6.72	−18 5.2	0.936	1.916	9.9	18.6
9 18	22 1.41	−18 12.9	0.992	1.930	14.9	18.9
9 28	21 59.19	−17 58.9	1.066	1.945	19.2	19.3

439093 2011 QF_{94} 8 25.4 218°.87 1°.4/26.6 18

7 20	22 42.60	− 5 33.6	2.194	3.021	13.2	21.2
7 30	22 37.67	− 5 33.6	2.107	3.016	10.3	21.0
8 9	22 30.91	− 5 44.3	2.042	3.011	6.9	20.8
8 19	22 22.81	− 6 3.7	2.003	3.005	3.3	20.5
8 29	22 14.09	− 6 28.9	1.992	3.000	1.7	20.4
9 8	22 5.63	− 6 55.7	2.010	2.994	5.1	20.6
9 18	21 58.22	− 7 20.5	2.054	2.987	8.7	20.8
9 28	21 52.55	− 7 39.9	2.124	2.981	11.9	21.0

197588 2004 HE_{12} 8 25.4 191°.72 5°.0/22.9 18

7 20	23 13.19	−23 51.1	1.890	2.705	15.4	21.5
7 30	23 1.43	−24 11.2	1.802	2.704	12.1	21.3
8 9	22 46.40	−24 26.9	1.738	2.702	8.4	21.0
8 19	22 28.98	−24 30.4	1.705	2.697	5.3	20.9
8 29	22 10.64	−24 15.1	1.704	2.690	5.8	20.9
9 8	21 53.10	−23 38.3	1.736	2.682	9.2	21.1
9 18	21 37.85	−22 42.0	1.798	2.672	13.0	21.3
9 28	21 25.91	−21 30.9	1.885	2.659	16.3	21.5

457208 2008 JK_{20} 8 25.4 29°.44 8°.7/16.9 18

7 20	22 39.06	−29 21.4	1.621	2.507	14.2	19.5
7 30	22 35.62	−31 11.0	1.589	2.523	11.4	19.3
8 9	22 29.82	−32 53.7	1.578	2.539	9.3	19.2
8 19	22 22.38	−34 19.5	1.592	2.557	8.7	19.2
8 29	22 14.40	−35 20.1	1.630	2.575	10.0	19.4
9 8	22 7.07	−35 51.2	1.691	2.594	12.3	19.5
9 18	22 1.39	−35 53.0	1.772	2.613	14.7	19.8
9 28	21 58.07	−35 28.4	1.873	2.633	16.9	20.0

481455 2006 WX_{204} 8 25.4 304°.35 3°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.75	+ 0 2.4	1.891	2.711	15.3	20.7
7 30	22 35.96	+ 0 20.3	1.792	2.690	12.4	20.5
8 9	22 30.09	+ 0 22.7	1.712	2.668	9.0	20.2
8 19	22 22.58	+ 0 9.5	1.656	2.647	5.6	20.0
8 29	22 14.21	− 0 17.3	1.626	2.626	3.8	19.8
9 8	22 5.94	− 0 53.7	1.622	2.606	6.1	19.9
9 18	21 58.74	− 1 34.6	1.644	2.585	9.8	20.1
9 28	21 53.48	− 2 14.2	1.690	2.565	13.4	20.3

58918 1998 KB_{54} 8 25.4 191°.34 0°.2/25.6 18

7 20	22 39.60	− 5 59.0	1.953	2.795	14.0	19.5
7 30	22 35.60	− 6 49.4	1.874	2.794	10.8	19.3
8 9	22 29.69	− 7 54.6	1.817	2.793	7.0	19.0
8 19	22 22.35	− 9 10.2	1.786	2.792	2.9	18.8
8 29	22 14.39	−10 30.2	1.782	2.790	1.5	18.7
9 8	22 6.70	−11 47.4	1.807	2.789	5.7	19.0
9 18	22 0.15	−12 55.9	1.858	2.787	9.6	19.2
9 28	21 55.46	−13 50.9	1.932	2.785	13.0	19.4

13024 Conradferdinand 8 25.4 77°.24 1°.1/26.1 18

7 20	22 45.56	− 7 1.3	1.483	2.334	17.2	17.7
7 30	22 40.51	− 7 0.0	1.421	2.345	13.3	17.5
8 9	22 32.97	− 7 12.3	1.380	2.356	8.7	17.3
8 19	22 23.65	− 7 35.1	1.362	2.367	3.8	17.0
8 29	22 13.69	− 8 3.4	1.370	2.379	1.8	16.9
9 8	22 4.33	− 8 31.5	1.404	2.390	6.6	17.2
9 18	21 56.67	− 8 54.4	1.463	2.401	11.1	17.5
9 28	21 51.52	− 9 8.4	1.544	2.412	14.9	17.8

290519 2005 UJ_{39} 8 25.4 251°.10 0°.1/25.3 18

7 20	22 39.23	− 8 38.2	2.443	3.281	11.6	22.3
7 30	22 35.00	− 9 4.9	2.350	3.270	8.9	22.1
8 9	22 29.16	− 9 40.9	2.281	3.258	5.8	21.9
8 19	22 22.12	−10 23.1	2.239	3.245	2.3	21.7
8 29	22 14.52	−11 7.7	2.225	3.233	1.3	21.6
9 8	22 7.09	−11 50.2	2.239	3.220	4.9	21.8
9 18	22 0.54	−12 26.8	2.281	3.207	8.3	22.0
9 28	21 55.50	−12 54.5	2.348	3.194	11.3	22.2

123327 2000 VT_{23} 8 25.4 47°.06 9°.9/17.6 18

7 20	22 47.75	−33 35.3	1.596	2.466	15.2	18.4
7 30	22 42.43	−34 54.6	1.551	2.471	12.6	18.3
8 9	22 34.29	−36 3.8	1.528	2.476	10.6	18.2
8 19	22 24.18	−36 52.7	1.527	2.481	9.9	18.1
8 29	22 13.42	−37 13.4	1.550	2.486	11.0	18.2
9 8	22 3.48	−37 2.8	1.595	2.492	13.2	18.4
9 18	21 55.55	−36 22.6	1.662	2.497	15.8	18.6
9 28	21 50.46	−35 17.4	1.747	2.503	18.1	18.7

340333 2006 DN_{40} 8 25.4 211°.41 2°.1/27.1 18

7 20	22 45.12	− 3 49.3	2.216	3.031	13.5	21.3
7 30	22 39.60	− 3 40.5	2.124	3.024	10.6	21.1
8 9	22 32.18	− 3 43.1	2.054	3.017	7.3	20.9
8 19	22 23.35	− 3 55.6	2.011	3.009	3.8	20.7
8 29	22 13.84	− 4 15.5	1.996	3.001	2.2	20.5
9 8	22 4.56	− 4 39.2	2.009	2.992	5.2	20.7
9 18	21 56.34	− 5 2.8	2.051	2.983	8.7	20.9
9 28	21 49.91	− 5 22.9	2.118	2.973	11.9	21.1

509057 2005 TE_{31} 8 25.4 324°.44 0°.3/25.6 18

7 20	22 36.83	− 7 18.7	1.252	2.129	18.1	21.4
7 30	22 34.65	− 7 42.7	1.170	2.109	14.1	21.1
8 9	22 29.71	− 8 25.7	1.106	2.089	9.3	20.7
8 19	22 22.56	− 9 23.9	1.063	2.070	3.8	20.4
8 29	22 14.24	−10 30.0	1.044	2.052	2.0	20.2
9 8	22 6.16	−11 34.6	1.048	2.035	7.9	20.5
9 18	21 59.68	−12 29.0	1.074	2.019	13.3	20.8
9 28	21 55.94	−13 6.6	1.120	2.004	18.1	21.0

185283 2006 UG_{199} 8 25.4 139°.81 1°.1/26.3 18

7 20	22 43.52	− 5 1.7	1.771	2.607	15.4	21.1
7 30	22 38.67	− 5 26.0	1.701	2.616	12.0	20.9
8 9	22 31.68	− 6 5.1	1.652	2.624	7.9	20.6
8 19	22 23.15	− 6 55.6	1.628	2.632	3.6	20.4
8 29	22 13.99	− 7 52.1	1.631	2.639	1.7	20.3
9 8	22 5.26	− 8 48.2	1.661	2.645	5.9	20.6
9 18	21 57.90	− 9 38.2	1.717	2.652	10.0	20.8
9 28	21 52.65	−10 17.7	1.798	2.657	13.5	21.1

245115 2004 QO_{12} 8 25.4 12°.35 9°.6/18.2 17

7 20	22 27.47	−20 10.4	0.687	1.627	20.9	18.8
7 30	22 28.65	−22 33.7	0.658	1.632	16.0	18.5
8 9	22 26.24	−25 2.5	0.646	1.639	11.5	18.3
8 19	22 21.17	−27 16.3	0.651	1.648	9.7	18.3
8 29	22 15.15	−28 55.6	0.675	1.661	11.9	18.5
9 8	22 10.11	−29 49.1	0.716	1.675	16.2	18.8
9 18	22 7.53	−29 55.8	0.773	1.692	20.4	19.1
9 28	22 8.28	−29 20.9	0.844	1.711	24.1	19.4

369513 2010 VT_{161} 8 25.4 259°.34 1°.8/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.48	−12 27.5	1.649	2.509	15.3	22.0
7 30	22 39.91	−13 4.4	1.560	2.492	11.7	21.8
8 9	22 32.82	−13 52.3	1.492	2.474	7.5	21.5
8 19	22 23.74	−14 45.8	1.449	2.456	3.1	21.2
8 29	22 13.63	−15 38.0	1.433	2.437	3.1	21.1
9 8	22 3.74	−16 21.7	1.443	2.418	7.7	21.4
9 18	21 55.25	−16 51.8	1.477	2.399	12.2	21.6
9 28	21 49.15	−17 5.2	1.534	2.379	16.2	21.8

245147 2004 RS_{319} 8 25.4 55°.18 2°.7/27.2 17

7 20	22 44.78	− 3 52.8	1.597	2.434	16.8	19.8
7 30	22 39.85	− 3 30.4	1.527	2.439	13.3	19.6
8 9	22 32.56	− 3 22.5	1.477	2.445	9.2	19.4
8 19	22 23.54	− 3 27.7	1.451	2.450	4.9	19.2
8 29	22 13.81	− 3 43.1	1.450	2.456	2.9	19.1
9 8	22 4.56	− 4 4.0	1.476	2.462	6.3	19.3
9 18	21 56.84	− 4 25.4	1.527	2.468	10.5	19.5
9 28	21 51.47	− 4 42.8	1.601	2.474	14.2	19.8

284274 2006 HS_{106} 8 25.4 76°.72 0°.2/25.5 16

7 20	22 40.14	− 6 47.9	1.761	2.610	15.0	21.1
7 30	22 36.09	− 7 29.5	1.697	2.621	11.4	20.9
8 9	22 30.01	− 8 25.2	1.655	2.632	7.4	20.7
8 19	22 22.49	− 9 30.3	1.637	2.643	3.0	20.5
8 29	22 14.42	−10 38.3	1.646	2.655	1.6	20.4
9 8	22 6.77	−11 42.6	1.683	2.666	6.0	20.7
9 18	22 0.45	−12 37.3	1.745	2.677	10.0	21.0
9 28	21 56.15	−13 18.7	1.830	2.688	13.4	21.2

261850 2006 DX_{184} 8 25.4 42°.50 2°.3/26.9 17

7 20	22 41.60	− 3 26.0	1.157	2.020	20.2	20.6
7 30	22 38.10	− 3 36.0	1.101	2.029	15.8	20.4
8 9	22 31.73	− 4 8.1	1.063	2.039	10.7	20.2
8 19	22 23.27	− 4 58.9	1.046	2.049	5.2	19.9
8 29	22 14.00	− 6 1.0	1.052	2.060	2.6	19.8
9 8	22 5.42	− 7 5.2	1.082	2.071	7.4	20.1
9 18	21 58.78	− 8 2.9	1.135	2.083	12.5	20.4
9 28	21 55.00	− 8 47.3	1.208	2.095	16.9	20.7

244389 2002 PK_{65} 8 25.4 5°.57 3°.5/23.8 18

7 20	22 47.89	−19 43.8	1.294	2.174	17.4	18.9
7 30	22 42.74	−19 26.9	1.233	2.174	13.3	18.6
8 9	22 34.61	−19 9.6	1.192	2.176	8.7	18.4
8 19	22 24.37	−18 46.7	1.174	2.178	4.4	18.1
8 29	22 13.40	−18 13.7	1.180	2.182	4.5	18.1
9 8	22 3.25	−17 28.2	1.211	2.187	8.8	18.4
9 18	21 55.20	−16 30.7	1.266	2.193	13.3	18.7
9 28	21 50.14	−15 22.8	1.341	2.201	17.2	19.0

132424 2002 GC_{147} 8 25.4 8°.40 4°.1/29.3 18

7 20	22 27.67	+ 4 49.5	1.060	1.921	21.8	18.1
7 30	22 27.65	+ 3 51.9	1.002	1.923	17.7	17.8
8 9	22 25.11	+ 2 15.7	0.960	1.928	12.8	17.6
8 19	22 20.68	+ 0 5.1	0.938	1.935	7.5	17.3
8 29	22 15.45	− 2 28.8	0.938	1.944	4.1	17.2
9 8	22 10.73	− 5 9.5	0.962	1.955	7.1	17.4
9 18	22 7.66	− 7 40.2	1.008	1.967	12.1	17.7
9 28	22 7.11	− 9 47.6	1.075	1.982	16.8	18.0

451178 2009 SD_{286} 8 25.4 297°.72 0°.4/24.9 16

7 20	22 38.64	− 9 54.4	2.204	3.053	12.4	22.4
7 30	22 34.77	−10 19.4	2.112	3.037	9.5	22.2
8 9	22 29.14	−10 53.8	2.042	3.021	6.1	21.9
8 19	22 22.18	−11 34.1	1.998	3.005	2.4	21.7
8 29	22 14.58	−12 16.1	1.982	2.989	1.6	21.6
9 8	22 7.15	−12 55.0	1.993	2.974	5.5	21.8
9 18	22 0.69	−13 26.7	2.032	2.958	9.1	22.0
9 28	21 55.89	−13 48.2	2.094	2.943	12.3	22.2

272220 2005 QN_{58} 8 25.4 300°.61 0°.7/24.9 18

7 20	22 41.95	−10 22.2	1.465	2.332	16.5	20.9
7 30	22 38.26	−10 40.4	1.378	2.312	12.7	20.6
8 9	22 31.90	−11 11.3	1.310	2.293	8.3	20.3
8 19	22 23.43	−11 50.7	1.266	2.273	3.2	19.9
8 29	22 13.86	−12 32.5	1.246	2.254	2.3	19.8
9 8	22 4.50	−13 9.3	1.252	2.235	7.6	20.1
9 18	21 56.64	−13 35.6	1.282	2.216	12.6	20.3
9 28	21 51.34	−13 47.4	1.332	2.198	16.9	20.5

348080 2003 WJ_{75} 8 25.4 276°.84 2°.7/27.9 18

7 20	22 39.91	− 0 38.2	2.029	2.847	14.4	21.7
7 30	22 36.00	− 0 50.5	1.923	2.823	11.6	21.5
8 9	22 30.11	− 1 19.6	1.838	2.798	8.2	21.2
8 19	22 22.64	− 2 4.4	1.777	2.773	4.7	21.0
8 29	22 14.32	− 3 1.6	1.744	2.748	2.8	20.8
9 8	22 6.05	− 4 5.8	1.737	2.723	5.6	20.9
9 18	21 58.75	− 5 10.9	1.758	2.697	9.4	21.1
9 28	21 53.26	− 6 10.8	1.803	2.671	13.1	21.3

131067 2000 YO_{78} 8 25.4 127°.87 5°.0/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 43.61	+ 5 32.6	2.203	2.977	14.8	20.1
7 30	22 38.34	+ 5 52.4	2.129	2.992	12.2	20.0
8 9	22 31.29	+ 5 55.1	2.076	3.005	9.3	19.8
8 19	22 22.99	+ 5 40.4	2.047	3.018	6.5	19.7
8 29	22 14.19	+ 5 10.3	2.045	3.031	5.0	19.6
9 8	22 5.73	+ 4 28.5	2.070	3.043	6.0	19.7
9 18	21 58.38	+ 3 40.1	2.123	3.055	8.5	19.8
9 28	21 52.78	+ 2 50.4	2.201	3.066	11.2	20.0

131721 2001 YK_{80} 8 25.4 347°.06 4°.5/22.5 18

7 20	22 33.61	−14 44.2	0.894	1.810	19.9	18.1
7 30	22 32.93	−15 45.2	0.835	1.797	15.2	17.8
8 9	22 28.94	−17 1.8	0.794	1.787	9.8	17.5
8 19	22 22.34	−18 23.7	0.771	1.778	5.0	17.2
8 29	22 14.51	−19 37.1	0.769	1.771	6.2	17.3
9 8	22 7.27	−20 29.6	0.787	1.765	11.6	17.5
9 18	22 2.22	−20 53.8	0.823	1.762	17.1	17.8
9 28	22 0.52	−20 47.9	0.875	1.760	21.8	18.1

481495 2007 DP_{47} 8 25.4 110°.93 1°.1/26.7 18

7 20	22 37.24	− 3 13.4	2.430	3.253	12.2	21.1
7 30	22 33.40	− 3 59.1	2.355	3.262	9.4	21.0
8 9	22 28.08	− 4 57.9	2.302	3.270	6.3	20.8
8 19	22 21.71	− 6 6.7	2.277	3.279	2.9	20.6
8 29	22 14.92	− 7 20.9	2.279	3.287	1.3	20.5
9 8	22 8.38	− 8 35.0	2.311	3.296	4.5	20.7
9 18	22 2.74	− 9 44.1	2.371	3.304	7.7	20.9
9 28	21 58.55	−10 44.0	2.457	3.312	10.5	21.1

95630 2002 GY_{35} 8 25.4 1°.15 0°.6/24.9 18

7 20	22 39.17	−10 19.2	1.953	2.808	13.5	19.7
7 30	22 35.27	−10 42.2	1.879	2.807	10.2	19.5
8 9	22 29.47	−11 14.4	1.827	2.807	6.5	19.2
8 19	22 22.31	−11 52.3	1.800	2.807	2.5	19.0
8 29	22 14.58	−12 31.0	1.800	2.807	1.8	18.9
9 8	22 7.17	−13 5.4	1.827	2.808	5.8	19.2
9 18	22 0.94	−13 31.5	1.880	2.809	9.6	19.4
9 28	21 56.55	−13 46.8	1.957	2.811	12.8	19.7

143245 2002 YG_{27} 8 25.4 208°.91 1°.2/24.3 18

7 20	22 42.83	−10 50.0	1.894	2.745	14.0	20.2
7 30	22 38.20	−11 35.1	1.814	2.741	10.6	20.0
8 9	22 31.47	−12 31.1	1.756	2.736	6.8	19.7
8 19	22 23.16	−13 33.0	1.724	2.731	2.7	19.4
8 29	22 14.12	−14 34.5	1.719	2.725	2.4	19.4
9 8	22 5.39	−15 29.1	1.742	2.718	6.6	19.7
9 18	21 57.89	−16 12.1	1.791	2.712	10.5	19.9
9 28	21 52.42	−16 40.2	1.864	2.704	14.0	20.1

503717 2016 JY_{25} 8 25.4 102°.08 3°.0/23.2 17

7 20	22 44.84	−13 52.5	1.437	2.308	16.5	21.7
7 30	22 40.12	−14 54.1	1.382	2.320	12.4	21.5
8 9	22 32.82	−16 5.6	1.349	2.333	7.9	21.2
8 19	22 23.69	−17 19.0	1.339	2.345	3.7	21.0
8 29	22 13.88	−18 25.3	1.355	2.356	4.2	21.1
9 8	22 4.71	−19 16.7	1.397	2.368	8.5	21.4
9 18	21 57.33	−19 49.0	1.463	2.379	12.7	21.7
9 28	21 52.53	−20 0.9	1.549	2.390	16.3	21.9

305385 2008 CT_{39} 8 25.4 285°.44 0°.4/24.9 18

7 20	22 37.82	− 7 51.3	1.989	2.838	13.5	20.8
7 30	22 34.36	− 8 43.1	1.900	2.825	10.3	20.6
8 9	22 28.99	− 9 48.7	1.833	2.812	6.7	20.4
8 19	22 22.18	−11 3.7	1.792	2.799	2.6	20.1
8 29	22 14.67	−12 22.1	1.779	2.787	1.8	20.0
9 8	22 7.33	−13 37.0	1.793	2.774	6.0	20.3
9 18	22 1.05	−14 42.2	1.834	2.761	9.9	20.5
9 28	21 56.57	−15 33.3	1.898	2.748	13.3	20.7

1398 Donnera 8 25.4 331°.66 4°.0/28.8 18

7 20	22 40.67	+ 0 49.0	2.100	2.907	14.4	14.8
7 30	22 36.35	+ 1 19.5	2.012	2.901	11.7	14.6
8 9	22 30.17	+ 1 36.1	1.946	2.895	8.6	14.4
8 19	22 22.63	+ 1 38.8	1.903	2.889	5.6	14.3
8 29	22 14.44	+ 1 28.8	1.887	2.884	4.0	14.1
9 8	22 6.47	+ 1 9.3	1.899	2.879	5.7	14.2
9 18	21 59.55	+ 0 44.4	1.936	2.874	8.8	14.4
9 28	21 54.37	+ 0 18.5	1.998	2.870	11.9	14.6

65058 2002 AP_{173} 8 25.4 32°.21 1°.9/26.9 18

7 20	22 42.00	− 5 5.3	1.946	2.780	14.4	19.3
7 30	22 37.37	− 4 52.6	1.872	2.784	11.2	19.1
8 9	22 30.80	− 4 51.5	1.821	2.789	7.6	18.9
8 19	22 22.85	− 5 0.3	1.793	2.794	3.8	18.7
8 29	22 14.34	− 5 16.1	1.793	2.800	2.1	18.5
9 8	22 6.21	− 5 34.8	1.821	2.806	5.3	18.8
9 18	21 59.29	− 5 52.8	1.874	2.812	9.0	19.0
9 28	21 54.27	− 6 6.3	1.952	2.818	12.3	19.2

300816 2007 WF_{36} 8 25.4 277°.78 1°.7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.66	− 4 48.7	1.943	2.776	14.4	20.9
7 30	22 37.21	− 4 48.1	1.861	2.773	11.3	20.7
8 9	22 30.78	− 5 0.1	1.800	2.769	7.6	20.4
8 19	22 22.88	− 5 22.7	1.764	2.766	3.8	20.2
8 29	22 14.32	− 5 52.4	1.755	2.762	1.9	20.1
9 8	22 6.06	− 6 24.8	1.774	2.759	5.5	20.3
9 18	21 58.96	− 6 55.1	1.819	2.756	9.3	20.5
9 28	21 53.78	− 7 19.6	1.887	2.752	12.7	20.7

406986 2009 RH_{13} 8 25.4 321°.05 2°.3/23.3 18

7 20	22 39.85	−15 44.2	2.071	2.934	12.5	21.2
7 30	22 35.80	−16 14.2	1.990	2.924	9.5	20.9
8 9	22 29.84	−16 49.5	1.931	2.914	6.1	20.7
8 19	22 22.50	−17 25.6	1.899	2.904	2.9	20.5
8 29	22 14.54	−17 57.3	1.894	2.895	3.3	20.5
9 8	22 6.85	−18 20.2	1.915	2.885	6.6	20.7
9 18	22 0.28	−18 31.2	1.963	2.877	10.1	20.9
9 28	21 55.53	−18 28.8	2.033	2.868	13.2	21.1

455149 1995 LF 8 25.4 73°.15 1°.1/24.5 16

7 20	22 51.47	− 8 59.3	1.459	2.306	17.6	24.2
7 30	22 44.53	−10 5.4	1.430	2.354	13.1	24.0
8 9	22 35.22	−11 23.3	1.423	2.402	8.2	23.8
8 19	22 24.49	−12 45.0	1.442	2.449	3.1	23.7
8 29	22 13.55	−14 1.6	1.488	2.494	2.5	23.7
9 8	22 3.67	−15 6.0	1.561	2.538	7.1	24.1
9 18	21 55.78	−15 53.7	1.661	2.581	11.2	24.5
9 28	21 50.49	−16 23.6	1.783	2.623	14.5	24.8

107301 2001 CC_{6} 8 25.4 323°.56 3°.2/23.1 18

7 20	22 40.22	−13 55.4	1.262	2.148	17.4	18.9
7 30	22 37.20	−14 51.4	1.192	2.139	13.2	18.6
8 9	22 31.32	−16 0.1	1.142	2.129	8.5	18.3
8 19	22 23.24	−17 13.9	1.114	2.121	4.0	18.0
8 29	22 14.11	−18 22.3	1.110	2.112	4.7	18.1
9 8	22 5.42	−19 16.0	1.130	2.105	9.5	18.3
9 18	21 58.50	−19 48.8	1.172	2.098	14.3	18.6
9 28	21 54.41	−19 58.3	1.233	2.091	18.6	18.8

69618 1998 FY_{52} 8 25.4 220°.94 2°.3/23.7 18

7 20	22 46.71	−14 22.4	1.725	2.583	14.8	19.4
7 30	22 41.42	−14 56.1	1.645	2.576	11.3	19.1
8 9	22 33.68	−15 37.6	1.587	2.568	7.3	18.9
8 19	22 24.10	−16 21.3	1.554	2.560	3.2	18.6
8 29	22 13.66	−17 0.8	1.548	2.551	3.4	18.6
9 8	22 3.57	−17 30.1	1.569	2.541	7.6	18.8
9 18	21 54.95	−17 45.4	1.615	2.531	11.7	19.1
9 28	21 48.69	−17 45.2	1.684	2.520	15.4	19.3

446217 2013 GU_{52} 8 25.4 327°.27 2°.5/22.9 18

7 20	22 39.02	−15 26.5	2.047	2.912	12.5	21.1
7 30	22 35.17	−16 11.7	1.971	2.906	9.5	20.9
8 9	22 29.44	−17 3.1	1.918	2.901	6.1	20.7
8 19	22 22.35	−17 55.6	1.891	2.896	3.0	20.5
8 29	22 14.66	−18 43.4	1.892	2.891	3.5	20.5
9 8	22 7.27	−19 21.3	1.919	2.887	6.8	20.7
9 18	22 1.00	−19 45.9	1.972	2.883	10.2	20.9
9 28	21 56.54	−19 55.4	2.048	2.879	13.2	21.1

349918 2009 SU_{154} 8 25.4 304°.44 0°.7/24.2 17

7 20	22 33.38	−12 47.9	4.131	4.972	7.2	21.2
7 30	22 29.97	−13 9.5	4.044	4.966	5.4	21.1
8 9	22 25.67	−13 34.6	3.982	4.961	3.4	20.9
8 19	22 20.75	−14 1.2	3.949	4.955	1.4	20.7
8 29	22 15.58	−14 27.3	3.945	4.950	1.3	20.7
9 8	22 10.53	−14 50.5	3.970	4.944	3.3	20.9
9 18	22 5.97	−15 9.2	4.024	4.939	5.3	21.0
9 28	22 2.24	−15 22.0	4.105	4.934	7.2	21.2

128982 2004 TR_{194} 8 25.4 197°.49 2°.3/28.2 18

7 20	22 38.29	− 0 9.4	2.879	3.677	11.1	20.8
7 30	22 34.04	− 0 20.3	2.787	3.674	8.9	20.7
8 9	22 28.45	− 0 43.0	2.718	3.671	6.3	20.5
8 19	22 21.91	− 1 16.0	2.676	3.668	3.7	20.3
8 29	22 14.93	− 1 57.0	2.662	3.664	2.3	20.2
9 8	22 8.12	− 2 42.5	2.677	3.660	4.1	20.3
9 18	22 2.05	− 3 28.8	2.721	3.655	6.7	20.5
9 28	21 57.22	− 4 12.4	2.791	3.650	9.3	20.7

193544 2000 YL_{117} 8 25.4 227°.57 0°.1/25.3 18

7 20	22 42.78	− 9 1.2	2.116	2.956	13.1	20.9
7 30	22 37.98	− 9 23.3	2.028	2.948	10.1	20.7
8 9	22 31.26	− 9 55.4	1.962	2.938	6.5	20.5
8 19	22 23.09	−10 34.2	1.922	2.929	2.6	20.2
8 29	22 14.25	−11 15.2	1.911	2.918	1.5	20.1
9 8	22 5.64	−11 53.4	1.927	2.908	5.6	20.4
9 18	21 58.11	−12 24.9	1.971	2.897	9.4	20.6
9 28	21 52.40	−12 46.3	2.038	2.885	12.7	20.8

8924 Iruma 8 25.4 108°.73 1°.0/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.17	− 6 3.7	1.520	2.368	16.9	18.2
7 30	22 39.52	− 6 21.6	1.454	2.377	13.1	18.0
8 9	22 32.43	− 6 55.1	1.409	2.385	8.6	17.7
8 19	22 23.58	− 7 40.3	1.387	2.392	3.8	17.5
8 29	22 14.02	− 8 31.3	1.392	2.400	1.7	17.3
9 8	22 4.97	− 9 21.2	1.422	2.407	6.5	17.7
9 18	21 57.53	−10 3.9	1.478	2.415	11.0	17.9
9 28	21 52.51	−10 35.0	1.555	2.422	14.9	18.2

350132 2011 RC_{6} 8 25.4 56°.51 0°.2/25.3 16

7 20	22 43.34	− 9 48.7	1.711	2.565	15.1	21.4
7 30	22 38.57	− 9 58.2	1.650	2.577	11.5	21.2
8 9	22 31.64	−10 17.6	1.609	2.588	7.4	21.0
8 19	22 23.21	−10 43.3	1.594	2.601	2.9	20.8
8 29	22 14.24	−11 10.3	1.605	2.613	1.7	20.7
9 8	22 5.80	−11 33.7	1.643	2.625	6.1	21.1
9 18	21 58.81	−11 49.8	1.706	2.638	10.2	21.3
9 28	21 53.98	−11 56.0	1.792	2.651	13.6	21.6

481383 2006 PX_{26} 8 25.4 324°.49 2°.9/26.9 17

7 20	22 43.97	− 5 42.9	1.569	2.415	16.6	20.1
7 30	22 39.65	− 4 57.2	1.476	2.394	13.2	19.8
8 9	22 32.76	− 4 21.7	1.403	2.373	9.2	19.5
8 19	22 23.83	− 3 56.4	1.353	2.354	4.9	19.2
8 29	22 13.83	− 3 39.9	1.329	2.335	3.0	19.1
9 8	22 4.00	− 3 29.5	1.331	2.316	6.8	19.3
9 18	21 55.58	− 3 21.8	1.357	2.299	11.4	19.5
9 28	21 49.59	− 3 13.0	1.405	2.283	15.5	19.7

156989 2003 KB_{13} 8 25.4 353°.16 6°.5/20.5 18

7 20	22 27.62	−17 51.1	0.909	1.835	18.7	17.9
7 30	22 28.27	−19 17.0	0.853	1.821	14.2	17.6
8 9	22 25.90	−20 54.9	0.815	1.809	9.6	17.3
8 19	22 21.16	−22 32.1	0.797	1.800	6.6	17.1
8 29	22 15.35	−23 53.6	0.798	1.793	8.4	17.2
9 8	22 10.11	−24 47.2	0.820	1.789	12.9	17.4
9 18	22 6.87	−25 6.7	0.859	1.788	17.7	17.7
9 28	22 6.67	−24 51.6	0.914	1.790	21.9	17.9

51404 2001 DV_{99} 8 25.4 97°.19 2°.3/23.7 17

7 20	22 45.66	−13 19.7	1.572	2.435	15.8	19.4
7 30	22 40.48	−14 8.4	1.519	2.453	11.9	19.2
8 9	22 32.92	−15 5.8	1.488	2.470	7.5	19.0
8 19	22 23.73	−16 5.3	1.481	2.487	3.2	18.8
8 29	22 13.99	−16 59.3	1.501	2.504	3.5	18.8
9 8	22 4.89	−17 41.3	1.548	2.521	7.6	19.1
9 18	21 57.47	−18 7.8	1.619	2.537	11.6	19.4
9 28	21 52.46	−18 17.3	1.712	2.553	15.0	19.6

144331 2004 DR_{24} 8 25.4 200°.30 1°.7/26.9 18

7 20	22 41.35	− 2 51.1	1.698	2.534	16.0	20.1
7 30	22 37.28	− 3 21.1	1.619	2.532	12.6	19.9
8 9	22 30.99	− 4 9.5	1.561	2.530	8.6	19.7
8 19	22 23.03	− 5 13.0	1.526	2.528	4.2	19.4
8 29	22 14.32	− 6 26.1	1.518	2.526	2.0	19.3
9 8	22 5.92	− 7 41.1	1.537	2.523	6.0	19.5
9 18	21 58.85	− 8 50.9	1.582	2.520	10.3	19.8
9 28	21 53.91	− 9 49.6	1.650	2.517	14.2	20.0

206585 2003 WM_{13} 8 25.4 257°.31 3°.5/22.4 18

7 20	22 43.22	−18 14.1	1.973	2.836	13.0	20.7
7 30	22 38.53	−18 58.3	1.892	2.825	9.9	20.5
8 9	22 31.71	−19 46.9	1.833	2.814	6.5	20.3
8 19	22 23.31	−20 34.1	1.801	2.802	3.8	20.1
8 29	22 14.17	−21 13.6	1.796	2.790	4.5	20.1
9 8	22 5.33	−21 40.2	1.818	2.778	7.7	20.3
9 18	21 57.73	−21 51.1	1.865	2.766	11.2	20.5
9 28	21 52.17	−21 45.3	1.934	2.754	14.3	20.6

9858 1991 OL_{1} 8 25.4 340°.13 1°.0/24.5 18 R

7 20	22 36.92	−10 55.5	1.857	2.720	13.7	17.5
7 30	22 33.77	−11 29.2	1.777	2.710	10.4	17.3
8 9	22 28.66	−12 13.1	1.718	2.701	6.6	17.0
8 19	22 22.09	−13 3.2	1.685	2.692	2.6	16.8
8 29	22 14.86	−13 53.5	1.678	2.684	2.2	16.7
9 8	22 7.89	−14 38.4	1.697	2.677	6.3	17.0
9 18	22 2.08	−15 13.0	1.742	2.670	10.2	17.2
9 28	21 58.15	−15 34.2	1.809	2.664	13.7	17.4

220547 2004 FP_{158} 8 25.4 39°.63 1°.7/24.2 17

7 20	22 40.63	−10 36.8	1.177	2.060	18.6	19.4
7 30	22 37.26	−11 28.7	1.132	2.076	14.0	19.2
8 9	22 31.13	−12 35.1	1.106	2.092	8.8	18.9
8 19	22 23.08	−13 48.1	1.101	2.109	3.5	18.7
8 29	22 14.37	−14 57.8	1.121	2.127	3.2	18.7
9 8	22 6.44	−15 55.1	1.165	2.146	8.3	19.1
9 18	22 0.46	−16 34.4	1.231	2.165	13.0	19.4
9 28	21 57.21	−16 53.2	1.317	2.184	17.0	19.7

156643 2002 JK_{32} 8 25.4 334.°72 6.°8/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.94	−27 57.2	2.019	2.891	12.4	19.2
7 30	22 36.81	−29 6.8	1.956	2.885	9.9	19.0
8 9	22 30.58	−30 13.2	1.915	2.879	7.7	18.9
8 19	22 22.84	−31 9.1	1.900	2.874	6.8	18.8
8 29	22 14.47	−31 47.8	1.911	2.869	7.8	18.8
9 8	22 6.50	−32 5.0	1.946	2.864	10.1	19.0
9 18	21 59.84	−31 59.6	2.005	2.860	12.7	19.1
9 28	21 55.23	−31 32.9	2.084	2.856	15.1	19.3

198045 2004 RJ_{281} 8 25.4 275.°02 0.°3/25.7 18

7 20	22 42.04	− 7 50.4	1.761	2.610	15.0	21.3
7 30	22 37.88	− 8 8.6	1.671	2.595	11.6	21.1
8 9	22 31.45	− 8 39.8	1.602	2.579	7.6	20.8
8 19	22 23.27	− 9 20.6	1.557	2.563	3.2	20.5
8 29	22 14.20	−10 6.0	1.539	2.547	1.6	20.4
9 8	22 5.33	−10 50.0	1.547	2.531	6.3	20.6
9 18	21 57.71	−11 27.2	1.581	2.515	10.7	20.9
9 28	21 52.23	−11 53.4	1.638	2.498	14.6	21.1

342140 2008 SH_{129} 8 25.4 206.°30 0.°9/24.6 18

7 20	22 43.34	−11 17.0	2.056	2.903	13.2	21.3
7 30	22 38.42	−11 43.6	1.975	2.900	10.0	21.1
8 9	22 31.54	−12 18.6	1.917	2.896	6.4	20.9
8 19	22 23.22	−12 58.3	1.885	2.892	2.5	20.7
8 29	22 14.26	−13 37.5	1.881	2.887	2.0	20.6
9 8	22 5.60	−14 11.5	1.904	2.882	6.0	20.9
9 18	21 58.11	−14 36.4	1.955	2.877	9.7	21.1
9 28	21 52.50	−14 49.9	2.029	2.871	12.9	21.3

491731 2012 VG_{2} 8 25.4 335.°07 21.°8/ 9.2 15

7 20	22 39.55	+24 0.6	1.028	1.775	29.6	20.1
7 30	22 37.68	+26 58.1	0.965	1.765	27.7	19.9
8 9	22 32.33	+29 20.4	0.913	1.755	25.8	19.7
8 19	22 23.95	+30 53.9	0.873	1.747	23.9	19.5
8 29	22 13.77	+31 27.1	0.846	1.740	22.4	19.4
9 8	22 3.66	+30 56.5	0.834	1.733	21.8	19.4
9 18	21 55.59	+29 27.5	0.836	1.728	22.2	19.4
9 28	21 51.19	+27 14.8	0.852	1.724	23.5	19.4

23650 Čvančara 8 25.4 167.°37 0.°9/24.7 18

7 20	22 42.88	− 9 9.7	1.702	2.555	15.2	19.9
7 30	22 38.42	−10 0.8	1.630	2.558	11.6	19.7
8 9	22 31.72	−11 5.4	1.580	2.561	7.4	19.5
8 19	22 23.36	−12 17.9	1.555	2.563	2.9	19.2
8 29	22 14.28	−13 31.1	1.558	2.564	2.3	19.2
9 8	22 5.59	−14 37.3	1.587	2.566	6.8	19.5
9 18	21 58.30	−15 30.9	1.642	2.567	11.0	19.7
9 28	21 53.20	−16 8.3	1.719	2.567	14.6	19.9

361951 2008 JO_{2} 8 25.4 351.°01 2.°7/22.6 18

7 20	22 37.55	−14 8.0	1.968	2.835	12.9	20.7
7 30	22 34.15	−15 19.8	1.897	2.834	9.7	20.5
8 9	22 28.86	−16 40.2	1.849	2.832	6.2	20.3
8 19	22 22.19	−18 3.1	1.826	2.831	3.1	20.1
8 29	22 14.92	−19 21.3	1.831	2.830	3.8	20.1
9 8	22 7.94	−20 28.0	1.863	2.829	7.2	20.3
9 18	22 2.09	−21 18.7	1.921	2.829	10.6	20.5
9 28	21 58.06	−21 51.0	2.001	2.828	13.7	20.7

428720 2008 RY_{48} 8 25.4 309.°61 2.°1/29.4 17

7 20	22 31.60	+ 2 24.0	4.274	5.053	8.0	21.2
7 30	22 28.64	+ 2 7.7	4.176	5.048	6.5	21.1
8 9	22 24.85	+ 1 42.5	4.103	5.044	4.8	21.0
8 19	22 20.49	+ 1 9.3	4.056	5.039	3.1	20.9
8 29	22 15.88	+ 0 29.6	4.038	5.034	2.1	20.8
9 8	22 11.37	− 0 14.4	4.049	5.030	2.9	20.8
9 18	22 7.30	− 1 0.1	4.089	5.025	4.6	21.0
9 28	22 3.98	− 1 45.0	4.157	5.020	6.4	21.1

255308 Christianzuber 8 25.4 228.°42 0.°4/24.9 18

7 20	22 39.66	− 9 52.4	2.631	3.469	10.9	22.0
7 30	22 35.27	−10 21.4	2.540	3.460	8.3	21.8
8 9	22 29.37	−10 58.1	2.474	3.450	5.3	21.6
8 19	22 22.37	−11 39.8	2.434	3.441	2.1	21.4
8 29	22 14.85	−12 22.4	2.423	3.431	1.4	21.3
9 8	22 7.50	−13 2.1	2.442	3.420	4.7	21.5
9 18	22 0.99	−13 35.3	2.488	3.410	7.9	21.7
9 28	21 55.88	−13 59.7	2.559	3.399	10.6	21.9

211412 2002 VL_{103} 8 25.4 353.°16 13.°3/13.7 18

7 20	22 49.60	−43 23.4	1.637	2.485	15.9	19.3
7 30	22 44.31	−44 52.0	1.596	2.482	14.3	19.2
8 9	22 35.79	−46 2.2	1.576	2.479	13.4	19.1
8 19	22 25.00	−46 43.4	1.576	2.477	13.4	19.1
8 29	22 13.46	−46 48.1	1.598	2.476	14.4	19.2
9 8	22 2.87	−46 14.3	1.639	2.475	16.1	19.3
9 18	21 54.62	−45 5.6	1.699	2.474	17.9	19.5
9 28	21 49.57	−43 28.6	1.775	2.474	19.7	19.6

228632 2002 CQ_{251} 8 25.4 214.°29 3.°9/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.28	−16 58.1	1.941	2.807	13.1	20.3
7 30	22 37.10	−18 25.2	1.867	2.802	9.9	20.1
8 9	22 30.84	−19 59.8	1.816	2.797	6.5	19.9
8 19	22 23.02	−21 34.4	1.792	2.792	4.0	19.8
8 29	22 14.48	−23 0.7	1.796	2.786	5.1	19.8
9 8	22 6.20	−24 11.5	1.827	2.780	8.3	20.0
9 18	21 59.14	−25 2.3	1.883	2.773	11.7	20.2
9 28	21 54.06	−25 31.6	1.961	2.767	14.7	20.4

10001 Palermo 8 25.4 303.°37 5.°8/21.5 18 R

7 20	22 44.25	−21 0.5	1.396	2.280	16.2	17.3
7 30	22 40.23	−21 55.1	1.322	2.265	12.5	17.0
8 9	22 33.30	−22 53.7	1.269	2.251	8.6	16.8
8 19	22 24.12	−23 47.4	1.239	2.236	5.9	16.6
8 29	22 13.86	−24 26.6	1.233	2.222	7.0	16.6
9 8	22 4.02	−24 44.3	1.251	2.209	10.8	16.8
9 18	21 55.98	−24 37.5	1.291	2.196	15.0	17.0
9 28	21 50.78	−24 7.1	1.351	2.183	18.7	17.2

5113 Kohno 8 25.4 150.°23 4.°6/29.1 18

7 20	22 50.95	+ 2 52.5	2.417	3.183	13.8	17.7
7 30	22 43.83	+ 3 43.2	2.333	3.193	11.3	17.6
8 9	22 34.85	+ 4 21.4	2.272	3.202	8.6	17.4
8 19	22 24.54	+ 4 46.2	2.237	3.210	5.9	17.2
8 29	22 13.67	+ 4 57.8	2.232	3.218	4.6	17.2
9 8	22 3.10	+ 4 58.1	2.257	3.225	5.9	17.3
9 18	21 53.65	+ 4 50.3	2.310	3.232	8.4	17.4
9 28	21 45.99	+ 4 38.0	2.390	3.238	11.0	17.6

60152 1999 UG_{13} 8 25.5 43.°19 3.°9/29.6 18

7 20	22 37.55	+ 3 31.6	2.108	2.908	14.6	18.5
7 30	22 33.95	+ 3 22.9	2.029	2.912	11.8	18.3
8 9	22 28.64	+ 2 56.1	1.971	2.916	8.8	18.1
8 19	22 22.09	+ 2 12.3	1.937	2.921	5.7	17.9
8 29	22 15.02	+ 1 14.6	1.929	2.926	3.9	17.8
9 8	22 8.21	+ 0 8.3	1.948	2.931	5.3	17.9
9 18	22 2.43	− 1 0.8	1.994	2.936	8.3	18.1
9 28	21 58.30	− 2 6.8	2.065	2.941	11.4	18.3

355084 2006 SZ_{347} 8 25.5 258.°16 0.°2/25.3 18

7 20	22 40.69	− 9 6.6	2.060	2.906	13.2	21.7
7 30	22 36.41	− 9 29.3	1.980	2.903	10.1	21.4
8 9	22 30.27	−10 2.0	1.922	2.899	6.5	21.2
8 19	22 22.76	−10 41.3	1.889	2.896	2.6	21.0
8 29	22 14.64	−11 22.5	1.884	2.892	1.5	20.9
9 8	22 6.81	−12 0.8	1.907	2.888	5.5	21.2
9 18	22 0.08	−12 32.0	1.956	2.884	9.3	21.4
9 28	21 55.14	−12 53.1	2.029	2.881	12.5	21.6

449954 2015 OW_{76} 8 25.5 307.°24 1.°5/26.9 18

7 20	22 37.84	− 4 1.6	2.036	2.871	13.8	20.7
7 30	22 34.34	− 4 20.5	1.945	2.858	10.8	20.5
8 9	22 29.01	− 4 53.6	1.876	2.846	7.3	20.3
8 19	22 22.29	− 5 38.5	1.832	2.834	3.6	20.0
8 29	22 14.89	− 6 31.2	1.814	2.822	1.7	19.9
9 8	22 7.69	− 7 26.2	1.824	2.810	5.2	20.1
9 18	22 1.49	− 8 18.2	1.861	2.799	9.0	20.3
9 28	21 57.03	− 9 2.5	1.921	2.788	12.5	20.5

261643 2005 YV_{74} 8 25.5 219.°47 0.°4/25.0 18

7 20	22 39.50	− 9 48.8	2.602	3.440	11.0	21.9
7 30	22 35.15	−10 16.2	2.515	3.434	8.4	21.8
8 9	22 29.28	−10 51.4	2.452	3.429	5.4	21.6
8 19	22 22.33	−11 31.5	2.416	3.422	2.1	21.3
8 29	22 14.89	−12 12.5	2.408	3.416	1.4	21.3
9 8	22 7.64	−12 50.5	2.430	3.409	4.7	21.5
9 18	22 1.24	−13 22.3	2.479	3.402	7.9	21.7
9 28	21 56.27	−13 45.2	2.554	3.395	10.6	21.9

387010 2012 RP_{16} 8 25.5 354.°64 11.°1/21.5 18

7 20	23 5.65	−38 2.4	1.424	2.269	18.1	19.4
7 30	22 56.45	−38 11.6	1.364	2.265	15.3	19.2
8 9	22 43.47	−38 1.5	1.323	2.262	12.7	19.0
8 19	22 27.97	−37 21.5	1.305	2.260	11.2	18.9
8 29	22 11.92	−36 4.9	1.312	2.259	11.7	19.0
9 8	21 57.38	−34 13.2	1.344	2.258	14.0	19.1
9 18	21 45.90	−31 54.0	1.399	2.258	16.9	19.3
9 28	21 38.32	−29 17.7	1.475	2.259	19.7	19.5

258777 2002 JF_{77} 8 25.5 136.°02 3.°7/22.9 17

7 20	22 48.58	−17 37.8	1.572	2.438	15.6	20.7
7 30	22 42.89	−18 18.3	1.512	2.446	11.9	20.5
8 9	22 34.61	−19 3.3	1.473	2.454	7.7	20.2
8 19	22 24.51	−19 46.0	1.458	2.461	4.2	20.0
8 29	22 13.73	−20 19.0	1.470	2.468	4.7	20.1
9 8	22 3.58	−20 36.9	1.509	2.474	8.5	20.3
9 18	21 55.20	−20 37.5	1.572	2.481	12.5	20.6
9 28	21 49.41	−20 20.8	1.656	2.486	15.9	20.8

506234 2016 NS_1 8 25.5 19°.34 6°.2/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.65	−19 38.6	1.105	2.005	18.2	20.5
7 30	22 37.70	−20 51.3	1.058	2.011	13.9	20.2
8 9	22 31.67	−22 9.0	1.031	2.017	9.4	20.0
8 19	22 23.42	−23 20.6	1.025	2.024	6.3	19.9
8 29	22 14.34	−24 14.7	1.041	2.032	7.6	20.0
9 8	22 6.07	−24 43.5	1.080	2.042	11.5	20.2
9 18	21 59.94	−24 44.6	1.139	2.052	15.8	20.5
9 28	21 56.83	−24 19.6	1.216	2.063	19.5	20.8

47051 1998 XZ 8 25.5 304°.84 1°.4/26.6 18

7 20	22 39.54	− 4 48.0	1.783	2.626	15.1	19.5
7 30	22 35.89	− 5 3.1	1.698	2.616	11.8	19.3
8 9	22 30.13	− 5 33.3	1.633	2.606	8.0	19.0
8 19	22 22.77	− 6 15.9	1.593	2.596	3.8	18.7
8 29	22 14.65	− 7 6.3	1.578	2.586	1.8	18.6
9 8	22 6.76	− 7 58.6	1.591	2.577	5.8	18.8
9 18	22 0.08	− 8 46.8	1.628	2.568	10.0	19.1
9 28	21 55.40	− 9 26.0	1.689	2.559	13.8	19.3

250964 2006 DJ_{197} 8 25.5 81°.79 3°.9/28.0 17

7 20	22 47.26	− 1 4.4	1.343	2.178	19.5	20.3
7 30	22 42.04	− 0 45.0	1.287	2.196	15.5	20.1
8 9	22 34.13	− 0 45.8	1.250	2.213	10.9	19.9
8 19	22 24.33	− 1 5.4	1.235	2.231	6.3	19.7
8 29	22 13.86	− 1 39.7	1.245	2.248	3.9	19.6
9 8	22 4.09	− 2 22.0	1.280	2.266	7.0	19.8
9 18	21 56.21	− 3 5.3	1.339	2.282	11.4	20.1
9 28	21 51.05	− 3 43.1	1.420	2.299	15.3	20.4

75127 1999 VP_{66} 8 25.5 326°.50 5°.1/29.1 18

7 20	22 38.61	+ 2 3.3	1.304	2.144	19.7	18.8
7 30	22 35.90	+ 2 17.2	1.226	2.134	16.1	18.6
8 9	22 30.52	+ 2 6.4	1.164	2.124	11.9	18.3
8 19	22 23.03	+ 1 30.5	1.123	2.114	7.6	18.0
8 29	22 14.49	+ 0 32.8	1.105	2.106	5.1	17.9
9 8	22 6.24	− 0 39.2	1.111	2.098	7.6	18.0
9 18	21 59.56	− 1 56.0	1.139	2.090	12.1	18.2
9 28	21 55.51	− 3 7.9	1.189	2.084	16.5	18.5

187627 2007 BE_{30} 8 25.5 263°.67 2°.5/22.6 18

7 20	22 38.45	−14 33.8	2.232	3.092	11.8	20.7
7 30	22 34.68	−15 39.2	2.150	3.083	8.9	20.5
8 9	22 29.16	−16 52.3	2.093	3.075	5.7	20.3
8 19	22 22.34	−18 7.7	2.061	3.066	2.9	20.1
8 29	22 14.92	−19 19.1	2.059	3.057	3.5	20.1
9 8	22 7.70	−20 20.8	2.084	3.048	6.6	20.3
9 18	22 1.46	−21 8.4	2.135	3.039	9.9	20.5
9 28	21 56.88	−21 39.7	2.209	3.030	12.8	20.7

209968 2006 HF_2 8 25.5 95°.08 3°.4/23.1 17

7 20	22 47.35	−15 15.7	1.401	2.272	16.9	20.9
7 30	22 42.06	−16 11.5	1.352	2.290	12.7	20.7
8 9	22 34.10	−17 15.0	1.324	2.307	8.1	20.5
8 19	22 24.30	−18 18.1	1.320	2.325	4.0	20.3
8 29	22 13.90	−19 12.0	1.342	2.342	4.6	20.4
9 8	22 4.28	−19 50.0	1.389	2.358	8.7	20.7
9 18	21 56.56	−20 8.8	1.460	2.375	12.8	21.0
9 28	21 51.55	−20 8.2	1.552	2.390	16.4	21.2

199241 2006 AC_{85} 8 25.5 75°.03 6°.9/19.9 17

7 20	22 47.12	−26 18.3	1.668	2.539	14.6	19.9
7 30	22 41.58	−27 28.6	1.629	2.560	11.4	19.7
8 9	22 33.62	−28 34.6	1.613	2.581	8.4	19.6
8 19	22 24.07	−29 27.8	1.621	2.602	6.9	19.5
8 29	22 14.07	−30 1.0	1.655	2.623	7.9	19.6
9 8	22 4.85	−30 10.6	1.714	2.643	10.5	19.8
9 18	21 57.42	−29 56.8	1.796	2.664	13.3	20.1
9 28	21 52.47	−29 22.2	1.898	2.684	15.8	20.3

479660 2014 DA_{67} 8 25.5 124°.68 4°.1/21.6 18

7 20	22 42.33	−19 31.6	1.951	2.819	13.0	21.4
7 30	22 37.79	−20 30.3	1.887	2.822	9.8	21.2
8 9	22 31.20	−21 32.0	1.846	2.825	6.6	21.0
8 19	22 23.16	−22 30.3	1.831	2.829	4.3	20.9
8 29	22 14.53	−23 18.6	1.843	2.832	5.1	20.9
9 8	22 6.31	−23 51.8	1.881	2.835	8.1	21.1
9 18	21 59.40	−24 7.3	1.945	2.838	11.2	21.3
9 28	21 54.49	−24 4.8	2.030	2.841	14.1	21.5

2184 Fujian 8 25.5 322°.56 2°.6/28.0 18

7 20	22 38.35	− 1 17.7	2.154	2.973	13.6	16.4
7 30	22 34.60	− 1 17.5	2.066	2.967	10.9	16.2
8 9	22 29.11	− 1 31.3	2.000	2.960	7.7	16.0
8 19	22 22.33	− 1 57.8	1.958	2.953	4.4	15.8
8 29	22 14.96	− 2 34.3	1.943	2.947	2.7	15.7
9 8	22 7.80	− 3 16.3	1.956	2.941	5.0	15.8
9 18	22 1.61	− 3 59.3	1.995	2.935	8.4	16.0
9 28	21 57.07	− 4 38.6	2.059	2.930	11.6	16.2

28086 1998 QW_{100} 8 25.5 159°.93 1°.6/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.52	−12 22.3	1.898	2.756	13.7	17.7
7 30	22 37.19	−13 2.6	1.826	2.757	10.4	17.5
8 9	22 30.85	−13 51.8	1.776	2.757	6.6	17.2
8 19	22 23.03	−14 44.8	1.751	2.758	2.7	17.0
8 29	22 14.60	−15 35.6	1.754	2.759	2.7	17.0
9 8	22 6.52	−16 18.6	1.784	2.759	6.5	17.3
9 18	21 59.68	−16 49.7	1.840	2.760	10.3	17.5
9 28	21 54.82	−17 6.5	1.919	2.760	13.6	17.7

511030 2013 QF_{81} 8 25.5 341°.45 13°.3/ 9.6 18

7 20	22 27.98	+24 34.4	1.163	1.907	26.9	20.6
7 30	22 28.16	+24 37.0	1.079	1.892	24.6	20.4
8 9	22 25.73	+23 47.3	1.006	1.879	21.7	20.1
8 19	22 21.19	+21 55.8	0.947	1.867	18.3	19.9
8 29	22 15.55	+18 58.9	0.906	1.856	15.1	19.7
9 8	22 10.19	+15 4.3	0.885	1.847	13.4	19.5
9 18	22 6.46	+10 31.7	0.887	1.840	14.3	19.6
9 28	22 5.48	+ 5 49.1	0.913	1.835	17.5	19.7

264114 2009 SK_{353} 8 25.5 310°.41 1°.2/27.5 17

7 20	22 32.83	− 3 7.6	3.896	4.705	8.2	20.8
7 30	22 29.68	− 3 20.8	3.793	4.690	6.5	20.6
8 9	22 25.60	− 3 41.7	3.714	4.675	4.4	20.5
8 19	22 20.85	− 4 8.9	3.662	4.660	2.4	20.3
8 29	22 15.79	− 4 40.7	3.639	4.645	1.3	20.2
9 8	22 10.83	− 5 14.7	3.646	4.630	3.0	20.3
9 18	22 6.33	− 5 48.4	3.681	4.615	5.1	20.5
9 28	22 2.67	− 6 19.6	3.743	4.600	7.2	20.6

373223 2012 FG_{56} 8 25.5 83°.26 1°.5/24.2 17

7 20	22 41.36	− 9 8.3	1.434	2.300	16.8	21.5
7 30	22 37.57	−10 18.2	1.375	2.310	12.7	21.3
8 9	22 31.31	−11 44.0	1.336	2.319	8.1	21.0
8 19	22 23.26	−13 18.4	1.321	2.328	3.1	20.8
8 29	22 14.49	−14 51.5	1.332	2.337	2.9	20.8
9 8	22 6.24	−16 13.8	1.368	2.347	7.7	21.1
9 18	21 59.61	−17 18.5	1.429	2.356	12.2	21.4
9 28	21 55.43	−18 1.9	1.512	2.365	16.0	21.6

40233 1998 UH_2 8 25.5 31°.45 3°.0/23.1 18

7 20	22 41.78	−17 23.1	1.816	2.685	13.7	18.2
7 30	22 37.34	−17 51.4	1.760	2.697	10.3	18.0
8 9	22 30.87	−18 23.2	1.726	2.709	6.6	17.9
8 19	22 23.00	−18 53.3	1.717	2.721	3.4	17.7
8 29	22 14.66	−19 16.3	1.735	2.734	3.9	17.7
9 8	22 6.85	−19 28.1	1.780	2.748	7.2	18.0
9 18	22 0.43	−19 26.5	1.849	2.762	10.7	18.2
9 28	21 56.06	−19 11.1	1.940	2.776	13.7	18.4

479853 2014 GQ_{27} 8 25.5 186°.12 2°.4/28.1 18

7 20	22 40.12	− 0 10.9	2.410	3.215	12.8	22.4
7 30	22 35.72	− 0 29.9	2.323	3.214	10.2	22.2
8 9	22 29.72	− 1 3.2	2.258	3.214	7.2	22.0
8 19	22 22.56	− 1 49.1	2.219	3.213	4.1	21.8
8 29	22 14.87	− 2 44.2	2.207	3.211	2.4	21.7
9 8	22 7.39	− 3 43.9	2.225	3.209	4.6	21.9
9 18	22 0.82	− 4 43.4	2.271	3.207	7.8	22.1
9 28	21 55.76	− 5 38.0	2.342	3.204	10.7	22.3

485291 2011 AT_{13} 8 25.5 252°.51 4°.2/29.5 17

7 20	22 42.07	+ 3 15.6	2.597	3.375	12.7	21.8
7 30	22 37.15	+ 3 49.0	2.499	3.367	10.4	21.6
8 9	22 30.63	+ 4 10.0	2.424	3.358	7.9	21.4
8 19	22 22.93	+ 4 18.1	2.374	3.349	5.5	21.2
8 29	22 14.66	+ 4 14.1	2.352	3.340	4.2	21.2
9 8	22 6.52	+ 4 0.1	2.358	3.331	5.3	21.2
9 18	21 59.22	+ 3 39.4	2.392	3.322	7.7	21.4
9 28	21 53.37	+ 3 15.6	2.452	3.313	10.3	21.5

427494 2002 BK_{26} 8 25.5 295°.14 3°.4/25.4 18

7 20	23 17.29	−17 2.4	0.783	1.652	26.8	19.8
7 30	23 8.75	−14 22.8	0.700	1.632	21.7	19.3
8 9	22 53.84	−11 17.3	0.634	1.613	14.9	18.9
8 19	22 33.09	− 7 44.6	0.588	1.594	6.9	18.4
8 29	22 8.87	− 3 54.4	0.568	1.575	4.9	18.2
9 8	21 45.08	− 0 7.5	0.573	1.556	13.5	18.5
9 18	21 25.40	+ 3 14.7	0.602	1.538	21.8	18.9
9 28	21 12.14	+ 6 3.9	0.647	1.521	28.6	19.2

254410 2004 TL_{356} 8 25.5 334°.52 6°.7/18.7 18

7 20	22 41.07	−27 34.3	2.031	2.903	12.3	19.9
7 30	22 36.93	−28 46.3	1.969	2.898	9.8	19.7
8 9	22 30.72	−29 55.5	1.929	2.894	7.6	19.6
8 19	22 23.00	−30 54.5	1.915	2.889	6.7	19.5
8 29	22 14.66	−31 36.6	1.927	2.885	7.7	19.6
9 8	22 6.70	−31 57.5	1.963	2.882	10.0	19.7
9 18	22 0.04	−31 55.7	2.023	2.878	12.6	19.9
9 28	21 55.42	−31 32.6	2.104	2.875	14.9	20.0

262141 2006 SQ_{66} 8 25.5 53°.26 1°.2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.80	−11 27.5	1.380	2.248	17.2	20.8
7 30	22 40.31	−11 49.4	1.317	2.253	13.1	20.5
8 9	22 33.14	−12 22.6	1.275	2.258	8.4	20.3
8 19	22 24.02	−13 1.8	1.255	2.263	3.3	20.0
8 29	22 14.11	−13 39.9	1.261	2.268	2.6	20.0
9 8	22 4.79	−14 10.3	1.291	2.273	7.6	20.3
9 18	21 57.26	−14 28.4	1.346	2.278	12.3	20.6
9 28	21 52.39	−14 31.8	1.422	2.283	16.3	20.8

481326 2006 BC_{26} 8 25.5 227°.57 2°.3/22.3 18

7 20	22 38.26	−15 10.4	2.802	3.654	9.9	21.7
7 30	22 34.21	−16 19.8	2.715	3.644	7.5	21.5
8 9	22 28.72	−17 35.3	2.654	3.633	4.8	21.3
8 19	22 22.17	−18 52.3	2.620	3.623	2.5	21.2
8 29	22 15.10	−20 5.6	2.616	3.612	3.2	21.2
9 8	22 8.17	−21 10.4	2.641	3.600	5.8	21.3
9 18	22 2.00	−22 3.2	2.694	3.588	8.5	21.5
9 28	21 57.15	−22 41.8	2.772	3.576	10.9	21.7

257504 1996 GZ_5 8 25.5 35°.24 4°.2/22.9 17

7 20	22 42.15	−15 25.3	0.944	1.846	20.4	19.9
7 30	22 38.96	−16 22.4	0.909	1.863	15.3	19.7
8 9	22 32.48	−17 29.1	0.891	1.881	9.8	19.5
8 19	22 23.74	−18 34.7	0.894	1.900	4.9	19.3
8 29	22 14.34	−19 27.6	0.919	1.920	5.7	19.4
9 8	22 6.02	−19 59.7	0.966	1.942	10.5	19.7
9 18	22 0.09	−20 7.8	1.033	1.963	15.3	20.1
9 28	21 57.38	−19 52.5	1.118	1.986	19.3	20.4

335544 2006 BK_{62} 8 25.5 112°.09 6°.4/23.8 15

7 20	23 7.67	−25 26.8	1.068	1.935	21.2	19.8
7 30	22 58.64	−25 9.8	1.010	1.940	16.7	19.6
8 9	22 45.29	−24 44.0	0.970	1.945	11.6	19.3
8 19	22 28.88	−23 59.9	0.953	1.950	7.2	19.1
8 29	22 11.58	−22 51.6	0.961	1.955	7.3	19.1
9 8	21 55.83	−21 19.7	0.993	1.960	11.7	19.4
9 18	21 43.48	−19 30.8	1.049	1.964	16.6	19.7
9 28	21 35.54	−17 32.5	1.126	1.969	21.0	20.0

239155 2006 KK_{11} 8 25.5 118°.12 7°.5/18.3 18

7 20	22 45.65	−29 32.6	1.948	2.813	13.1	20.5
7 30	22 40.41	−30 53.4	1.899	2.822	10.5	20.3
8 9	22 32.92	−32 8.7	1.874	2.831	8.3	20.2
8 19	22 23.86	−33 10.4	1.874	2.840	7.5	20.2
8 29	22 14.24	−33 51.5	1.900	2.848	8.5	20.3
9 8	22 5.17	−34 8.2	1.951	2.857	10.7	20.4
9 18	21 57.64	−34 0.4	2.024	2.865	13.1	20.6
9 28	21 52.37	−33 30.4	2.118	2.872	15.4	20.8

216752 2005 PR_{23} 8 25.5 335°.72 0°.5/25.9 18

7 20	22 36.37	− 5 1.8	1.814	2.663	14.6	20.1
7 30	22 33.43	− 5 51.3	1.733	2.656	11.3	19.9
8 9	22 28.53	− 6 57.7	1.674	2.650	7.5	19.7
8 19	22 22.17	− 8 16.9	1.639	2.644	3.2	19.4
8 29	22 15.12	− 9 42.3	1.630	2.639	1.5	19.3
9 8	22 8.33	−11 6.2	1.649	2.634	5.8	19.6
9 18	22 2.67	−12 21.8	1.694	2.629	9.9	19.8
9 28	21 58.89	−13 23.4	1.761	2.625	13.6	20.0

513650 2011 SE_{45} 8 25.5 355°.24 0°.7/26.0 18

7 20	22 41.23	− 7 31.4	1.669	2.522	15.5	21.1
7 30	22 37.23	− 7 35.9	1.595	2.520	12.0	20.8
8 9	22 31.01	− 7 52.7	1.541	2.518	7.9	20.6
8 19	22 23.16	− 8 19.0	1.512	2.517	3.4	20.3
8 29	22 14.60	− 8 50.1	1.508	2.516	1.6	20.2
9 8	22 6.41	− 9 20.6	1.531	2.516	6.1	20.5
9 18	21 59.58	− 9 45.8	1.578	2.516	10.4	20.8
9 28	21 54.93	−10 2.0	1.648	2.517	14.1	21.0

346594 2008 WD_8 8 25.5 302°.49 4°.8/21.6 18

7 20	22 42.97	−19 56.5	1.660	2.535	14.5	21.0
7 30	22 38.73	−20 52.3	1.590	2.529	11.1	20.8
8 9	22 32.07	−21 52.0	1.541	2.522	7.5	20.6
8 19	22 23.61	−22 48.1	1.517	2.516	4.9	20.4
8 29	22 14.36	−23 32.7	1.519	2.509	5.9	20.5
9 8	22 5.52	−23 59.8	1.547	2.503	9.2	20.7
9 18	21 58.18	−24 6.5	1.598	2.497	12.9	20.9
9 28	21 53.21	−23 52.9	1.669	2.491	16.2	21.1

387392 2013 BB 8 25.5 235°.50 0°.9/23.8 16

7 20	22 32.74	−13 58.7	4.683	5.525	6.4	21.9
7 30	22 29.45	−14 23.9	4.597	5.521	4.8	21.7
8 9	22 25.38	−14 51.7	4.538	5.517	3.0	21.6
8 19	22 20.77	−15 20.4	4.507	5.512	1.3	21.5
8 29	22 15.94	−15 48.1	4.505	5.508	1.3	21.5
9 8	22 11.21	−16 12.7	4.534	5.504	3.1	21.6
9 18	22 6.91	−16 32.7	4.591	5.500	4.9	21.7
9 28	22 3.34	−16 47.0	4.674	5.496	6.5	21.8

293159 2006 YW_{16} 8 25.5 221°.47 2°.9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.28	−16 14.5	2.256	3.118	11.7	21.0
7 30	22 35.27	−17 16.1	2.182	3.115	8.8	20.9
8 9	22 29.53	−18 23.3	2.132	3.113	5.7	20.7
8 19	22 22.53	−19 30.9	2.108	3.110	3.1	20.5
8 29	22 14.98	−20 32.8	2.112	3.108	3.8	20.5
9 8	22 7.69	−21 23.8	2.145	3.105	6.7	20.7
9 18	22 1.42	−22 0.4	2.203	3.102	9.8	20.9
9 28	21 56.80	−22 21.0	2.284	3.100	12.6	21.1

141597 2002 HG_{17} 8 25.5 31°.62 0°.4/25.8 18

7 20	22 40.72	− 6 57.4	1.635	2.488	15.7	20.2
7 30	22 36.86	− 7 22.6	1.566	2.491	12.1	20.0
8 9	22 30.77	− 8 2.1	1.517	2.494	7.9	19.7
8 19	22 23.08	− 8 52.0	1.492	2.498	3.3	19.5
8 29	22 14.70	− 9 46.3	1.493	2.501	1.6	19.4
9 8	22 6.72	−10 38.5	1.520	2.505	6.2	19.7
9 18	22 0.14	−11 22.7	1.573	2.509	10.5	19.9
9 28	21 55.73	−11 54.7	1.648	2.513	14.2	20.2

12894 1998 QN_{73} 8 25.5 10°.07 8°.6/31.3 18

7 20	22 39.44	+ 6 46.5	1.318	2.135	20.8	16.5
7 30	22 36.38	+ 7 57.8	1.254	2.137	17.6	16.3
8 9	22 30.73	+ 8 44.3	1.206	2.141	14.0	16.1
8 19	22 23.14	+ 9 2.8	1.178	2.147	10.6	15.9
8 29	22 14.68	+ 8 53.0	1.172	2.153	8.6	15.8
9 8	22 6.67	+ 8 19.3	1.188	2.161	9.4	15.9
9 18	22 0.29	+ 7 29.2	1.227	2.170	12.2	16.1
9 28	21 56.48	+ 6 32.1	1.287	2.180	15.6	16.3

206943 2004 RZ_{167} 8 25.5 356°.10 0°.6/25.7 17

7 20	22 41.46	−10 19.1	0.924	1.820	21.3	19.5
7 30	22 38.88	− 9 51.4	0.865	1.814	16.5	19.2
8 9	22 32.82	− 9 37.0	0.823	1.810	10.9	18.8
8 19	22 24.09	− 9 32.9	0.800	1.807	4.5	18.5
8 29	22 14.17	− 9 33.6	0.797	1.806	2.3	18.3
9 8	22 4.96	− 9 33.0	0.816	1.806	8.7	18.7
9 18	21 58.07	− 9 25.9	0.855	1.808	14.6	19.1
9 28	21 54.64	− 9 8.7	0.911	1.812	19.7	19.4

93995 2000 XA_{19} 8 25.5 12°.10 9°.3/19.3 18

7 20	22 48.68	−31 19.3	1.475	2.350	16.0	18.3
7 30	22 43.40	−32 17.6	1.425	2.351	13.0	18.1
8 9	22 35.16	−33 7.2	1.394	2.353	10.4	17.9
8 19	22 24.84	−33 38.2	1.387	2.356	9.3	17.9
8 29	22 13.82	−33 42.6	1.403	2.358	10.3	18.0
9 8	22 3.65	−33 17.4	1.442	2.362	12.8	18.1
9 18	21 55.59	−32 24.4	1.502	2.365	15.7	18.3
9 28	21 50.48	−31 8.3	1.582	2.369	18.4	18.5

184841 2005 US_{38} 8 25.5 21°.29 0°.1/25.6 18

7 20	22 38.39	− 8 3.2	1.670	2.529	15.2	19.7
7 30	22 34.98	− 8 28.2	1.606	2.536	11.6	19.5
8 9	22 29.51	− 9 5.9	1.564	2.544	7.5	19.2
8 19	22 22.56	− 9 52.2	1.546	2.553	3.0	19.0
8 29	22 15.03	−10 41.4	1.554	2.562	1.6	18.9
9 8	22 7.94	−11 27.2	1.587	2.572	6.1	19.2
9 18	22 2.18	−12 4.7	1.646	2.583	10.1	19.5
9 28	21 58.47	−12 30.2	1.728	2.594	13.7	19.7

474637 2004 VG_{74} 8 25.5 301°.80 0°.3/25.3 18

7 20	22 39.65	− 8 11.4	1.584	2.445	15.8	21.6
7 30	22 36.48	− 8 45.2	1.487	2.418	12.3	21.3
8 9	22 30.87	− 9 35.0	1.410	2.391	8.0	21.0
8 19	22 23.27	−10 37.0	1.356	2.364	3.2	20.6
8 29	22 14.56	−11 44.8	1.329	2.337	2.0	20.5
9 8	22 5.92	−12 50.2	1.326	2.310	7.2	20.8
9 18	21 58.54	−13 45.9	1.349	2.284	12.1	21.0
9 28	21 53.47	−14 26.3	1.392	2.257	16.4	21.2

56142 1999 CZ_{77} 8 25.5 286°.04 4°.2/29.1 18

7 20	22 40.32	+ 2 11.6	1.998	2.803	15.1	18.9
7 30	22 36.42	+ 2 24.2	1.895	2.782	12.4	18.6
8 9	22 30.52	+ 2 19.9	1.813	2.761	9.2	18.4
8 19	22 23.05	+ 1 58.5	1.754	2.740	6.0	18.2
8 29	22 14.72	+ 1 21.9	1.721	2.718	4.2	18.0
9 8	22 6.47	+ 0 34.2	1.715	2.697	6.0	18.1
9 18	21 59.21	− 0 19.2	1.735	2.675	9.4	18.3
9 28	21 53.79	− 1 12.1	1.779	2.654	12.9	18.4

158021 2000 RQ 8 25.5 303°.69 7°.3/ 1.2 18

7 20	22 38.07	+10 10.1	1.662	2.443	18.6	19.9
7 30	22 35.01	+10 21.4	1.574	2.434	15.8	19.7
8 9	22 29.73	+10 5.8	1.504	2.426	12.7	19.5
8 19	22 22.75	+ 9 21.5	1.455	2.418	9.5	19.3
8 29	22 14.90	+ 8 10.0	1.429	2.410	7.4	19.1
9 8	22 7.26	+ 6 37.3	1.428	2.402	8.0	19.1
9 18	22 0.86	+ 4 52.3	1.452	2.395	10.7	19.3
9 28	21 56.59	+ 3 5.3	1.500	2.388	14.1	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
148471 2001 DY_{55}			8 25.5 101°.43		0°.1/25.4 17	
	h m	° ′			°	m
7 20	22 44.69	− 7 48.6	1.565	2.416	16.4	21.3
7 30	22 39.85	− 8 24.8	1.506	2.431	12.5	21.1
8 9	22 32.66	− 9 15.0	1.468	2.447	8.1	20.8
8 19	22 23.83	−10 14.2	1.455	2.461	3.2	20.6
8 29	22 14.39	−11 15.3	1.468	2.476	1.8	20.5
9 8	22 5.52	−12 11.2	1.507	2.490	6.6	20.9
9 18	21 58.24	−12 56.3	1.572	2.504	10.9	21.2
9 28	21 53.31	−13 27.1	1.660	2.517	14.6	21.4
243471 2009 SO_{213}			8 25.5 339°.61		1°.7/24.0 18	
7 20	22 39.15	−13 32.8	1.891	2.756	13.4	20.6
7 30	22 35.49	−13 58.5	1.812	2.747	10.2	20.3
8 9	22 29.84	−14 31.7	1.756	2.739	6.5	20.1
8 19	22 22.73	−15 7.8	1.724	2.731	2.7	19.9
8 29	22 14.95	−15 41.6	1.719	2.724	2.7	19.8
9 8	22 7.47	−16 8.2	1.741	2.717	6.5	20.1
9 18	22 1.18	−16 23.8	1.787	2.711	10.3	20.3
9 28	21 56.80	−16 26.5	1.857	2.706	13.6	20.5
37813 1998 AM_{6}			8 25.5 103°.83		2°.2/23.9 18	
7 20	22 45.23	−12 31.2	1.460	2.327	16.6	18.8
7 30	22 40.49	−13 19.3	1.402	2.338	12.5	18.6
8 9	22 33.19	−14 18.2	1.365	2.348	7.9	18.4
8 19	22 24.07	−15 20.9	1.352	2.359	3.3	18.1
8 29	22 14.26	−16 19.3	1.364	2.369	3.4	18.2
9 8	22 5.05	−17 6.1	1.403	2.379	7.9	18.5
9 18	21 57.57	−17 36.7	1.466	2.388	12.2	18.8
9 28	21 52.64	−17 49.3	1.550	2.398	15.9	19.0
128794 2004 RE_{221}			8 25.5 220°.44		3°.9/21.3 18	
7 20	22 44.95	−24 12.3	2.856	3.705	9.8	20.3
7 30	22 39.21	−24 41.2	2.775	3.697	7.6	20.1
8 9	22 31.90	−25 8.5	2.720	3.689	5.4	19.9
8 19	22 23.47	−25 30.2	2.692	3.680	4.0	19.8
8 29	22 14.58	−25 42.3	2.693	3.671	4.6	19.9
9 8	22 5.96	−25 42.3	2.722	3.662	6.6	20.0
9 18	21 58.30	−25 29.1	2.779	3.652	9.0	20.1
9 28	21 52.16	−25 3.1	2.860	3.642	11.1	20.3
255048 2005 TQ_{131}			8 25.5 253°.34		5°.2/20.3 18	
7 20	22 43.64	−25 21.9	2.280	3.142	11.5	20.6
7 30	22 38.65	−26 11.4	2.207	3.134	9.0	20.4
8 9	22 31.75	−26 59.3	2.158	3.127	6.6	20.2
8 19	22 23.46	−27 39.8	2.135	3.119	5.3	20.2
8 29	22 14.58	−28 7.3	2.139	3.111	6.1	20.2
9 8	22 6.03	−28 18.1	2.170	3.102	8.4	20.3
9 18	21 58.66	−28 10.9	2.225	3.094	11.0	20.5
9 28	21 53.14	−27 46.3	2.303	3.086	13.5	20.6
257992 2001 DJ_{96}			8 25.5 157°.09		1°.8/23.9 17	
7 20	22 45.19	−12 17.4	1.773	2.628	14.6	21.5
7 30	22 40.13	−13 6.6	1.705	2.634	11.1	21.3
8 9	22 32.84	−14 5.5	1.659	2.640	7.0	21.0
8 19	22 23.93	−15 8.3	1.639	2.645	2.9	20.8
8 29	22 14.36	−16 7.9	1.646	2.650	3.0	20.8
9 8	22 5.22	−16 58.0	1.680	2.654	7.0	21.1
9 18	21 57.50	−17 34.1	1.740	2.657	11.0	21.3
9 28	21 51.97	−17 54.1	1.823	2.660	14.4	21.5
511023 2013 QB_{41}			8 25.5 279°.47		2°.0/26.8 17	
7 20	22 44.32	− 5 4.9	1.504	2.350	17.2	21.6
7 30	22 40.09	− 4 57.2	1.416	2.335	13.6	21.3
8 9	22 33.21	− 5 4.7	1.347	2.319	9.3	21.0
8 19	22 24.22	− 5 25.9	1.301	2.303	4.6	20.7
8 29	22 14.14	− 5 56.8	1.280	2.287	2.3	20.5
9 8	22 4.26	− 6 31.6	1.285	2.271	6.8	20.7
9 18	21 55.84	− 7 4.2	1.314	2.255	11.7	21.0
9 28	21 49.94	− 7 29.3	1.365	2.239	16.1	21.2
342726 2008 WQ_{25}			8 25.5 30°.16		7°.5/ 1.1 17	
7 20	22 38.80	+ 9 15.0	1.530	2.322	19.4	20.4
7 30	22 35.57	+ 9 40.1	1.461	2.328	16.4	20.2
8 9	22 30.06	+ 9 38.3	1.409	2.335	13.1	20.1
8 19	22 22.86	+ 9 8.1	1.378	2.343	9.7	19.9
8 29	22 14.93	+ 8 11.7	1.370	2.351	7.6	19.8
9 8	22 7.40	+ 6 55.2	1.386	2.360	8.2	19.8
9 18	22 1.29	+ 5 27.4	1.426	2.369	10.8	20.0
9 28	21 57.43	+ 3 58.1	1.489	2.378	14.1	20.2
235328 2003 UA_{195}			8 25.5 21°.90		0°.1/25.4 18	
7 20	22 41.66	− 9 6.4	1.625	2.483	15.6	19.9
7 30	22 37.59	− 9 22.7	1.557	2.486	11.9	19.7
8 9	22 31.28	− 9 50.8	1.510	2.489	7.7	19.4
8 19	22 23.33	−10 26.7	1.486	2.493	3.1	19.2
8 29	22 14.70	−11 5.0	1.488	2.497	1.7	19.1
9 8	22 6.51	−11 39.8	1.517	2.501	6.4	19.4
9 18	21 59.76	−12 6.3	1.571	2.506	10.7	19.6
9 28	21 55.22	−12 21.3	1.647	2.511	14.3	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
373142 2012 BU_{9}			8 25.5 105°.73		1°.9/26.9 17	
	h m	° ′			°	m
7 20	22 47.03	− 4 10.2	1.613	2.446	16.8	21.5
7 30	22 41.53	− 4 16.7	1.553	2.464	13.1	21.3
8 9	22 33.70	− 4 38.7	1.514	2.482	8.8	21.1
8 19	22 24.25	− 5 13.4	1.498	2.500	4.3	20.9
8 29	22 14.23	− 5 55.7	1.510	2.517	2.1	20.7
9 8	22 4.80	− 6 39.6	1.548	2.534	6.1	21.0
9 18	21 56.97	− 7 19.5	1.612	2.550	10.3	21.3
9 28	21 51.49	− 7 50.9	1.700	2.565	13.9	21.6
470691 2008 TC_{27}			8 25.5 185°.81		11°.4/ 3.7 16	
7 20	22 57.85	+23 11.5	2.466	3.077	16.9	22.3
7 30	22 49.68	+24 56.1	2.370	3.078	15.5	22.2
8 9	22 39.09	+26 20.5	2.293	3.077	13.9	22.0
8 19	22 26.55	+27 19.0	2.238	3.075	12.4	21.9
8 29	22 12.90	+27 47.2	2.208	3.072	11.5	21.9
9 8	21 59.25	+27 44.6	2.205	3.068	11.5	21.9
9 18	21 46.71	+27 14.4	2.227	3.063	12.3	21.9
9 28	21 36.24	+26 23.3	2.273	3.056	13.6	22.0
93792 2000 WL_{40}			8 25.5 202°.96		5°.1/30.9 18	
7 20	22 41.32	+ 7 29.2	2.323	3.086	14.4	20.3
7 30	22 36.81	+ 7 35.4	2.229	3.082	12.0	20.1
8 9	22 30.56	+ 7 23.2	2.155	3.077	9.4	19.9
8 19	22 23.02	+ 6 52.4	2.106	3.072	6.8	19.8
8 29	22 14.85	+ 6 4.5	2.082	3.066	5.2	19.7
9 8	22 6.86	+ 5 3.6	2.087	3.060	6.0	19.7
9 18	21 59.80	+ 3 55.0	2.119	3.053	8.4	19.8
9 28	21 54.34	+ 2 44.9	2.177	3.045	11.2	20.0
489977 2008 SC_{104}			8 25.5 350°.48		7°.7/21.3 16	
7 20	22 42.91	−25 19.3	1.140	2.039	17.9	20.8
7 30	22 39.69	−25 56.3	1.081	2.029	14.1	20.5
8 9	22 33.18	−26 30.0	1.040	2.020	10.3	20.3
8 19	22 24.21	−26 50.7	1.020	2.013	7.9	20.1
8 29	22 14.24	−26 49.1	1.022	2.008	8.9	20.2
9 8	22 5.01	−26 20.3	1.046	2.004	12.4	20.3
9 18	21 58.00	−25 24.8	1.090	2.001	16.5	20.6
9 28	21 54.22	−24 6.5	1.152	2.001	20.2	20.8
63785 2001 RM_{11}			8 25.5 290°.55		1°.1/24.5 18	
7 20	22 40.84	−11 41.8	1.984	2.839	13.3	19.5
7 30	22 36.70	−12 11.5	1.904	2.833	10.1	19.3
8 9	22 30.59	−12 49.9	1.846	2.826	6.5	19.1
8 19	22 23.05	−13 33.0	1.813	2.820	2.6	18.8
8 29	22 14.85	−14 15.4	1.808	2.814	2.2	18.8
9 8	22 6.94	−14 51.9	1.830	2.808	6.1	19.0
9 18	22 0.17	−15 18.7	1.878	2.802	9.9	19.2
9 28	21 55.28	−15 33.0	1.950	2.796	13.2	19.5
230679 2003 SG_{325}			8 25.5 235°.44		1°.7/27.5 18	
7 20	22 38.41	− 2 28.7	2.697	3.508	11.4	21.4
7 30	22 34.35	− 2 43.4	2.602	3.500	9.0	21.2
8 9	22 28.85	− 3 9.4	2.530	3.491	6.2	21.0
8 19	22 22.30	− 3 45.2	2.485	3.482	3.3	20.8
8 29	22 15.26	− 4 27.9	2.467	3.473	1.8	20.7
9 8	22 8.37	− 5 13.8	2.479	3.464	4.2	20.8
9 18	22 2.25	− 5 58.9	2.519	3.454	7.2	21.0
9 28	21 57.44	− 6 39.6	2.585	3.444	9.9	21.2
126242 2002 AX_{62}			8 25.5 149°.84		2°.7/28.0 18	
7 20	22 45.22	− 0 58.7	2.312	3.112	13.4	20.6
7 30	22 39.59	− 0 52.4	2.234	3.123	10.7	20.4
8 9	22 32.24	− 0 58.9	2.179	3.132	7.5	20.2
8 19	22 23.65	− 1 17.1	2.149	3.141	4.4	20.0
8 29	22 14.56	− 1 44.3	2.148	3.150	2.7	19.9
9 8	22 5.78	− 2 16.9	2.175	3.158	4.9	20.1
9 18	21 58.08	− 2 50.8	2.231	3.165	8.0	20.3
9 28	21 52.07	− 3 22.0	2.313	3.171	11.0	20.5
330565 2008 CC_{25}			8 25.5 213°.32		1°.8/24.0 17	
7 20	22 44.72	−12 8.3	1.809	2.663	14.4	22.0
7 30	22 39.89	−12 54.4	1.728	2.657	11.0	21.8
8 9	22 32.79	−13 50.9	1.669	2.650	7.0	21.5
8 19	22 23.98	−14 52.2	1.636	2.643	2.9	21.3
8 29	22 14.36	−15 51.7	1.631	2.635	2.9	21.3
9 8	22 5.03	−16 42.6	1.652	2.627	7.1	21.5
9 18	21 57.02	−17 20.2	1.700	2.618	11.1	21.7
9 28	21 51.19	−17 41.7	1.770	2.608	14.7	21.9
361845 2008 DL_{48}			8 25.5 137°.10		3°.0/28.9 18	
7 20	22 38.70	+ 1 51.4	2.364	3.162	13.2	21.6
7 30	22 34.69	+ 1 37.2	2.282	3.167	10.6	21.5
8 9	22 29.11	+ 1 7.4	2.223	3.172	7.7	21.3
8 19	22 22.41	+ 0 23.6	2.188	3.177	4.7	21.1
8 29	22 15.22	− 0 31.1	2.181	3.181	3.0	21.0
9 8	22 8.28	− 1 32.1	2.202	3.185	4.7	21.1
9 18	22 2.25	− 2 34.4	2.250	3.189	7.7	21.3
9 28	21 57.73	− 3 32.9	2.325	3.193	10.5	21.5

365482 2010 PQ_{42} 8 25.5 268°.03 4°.0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.09	−21 20.6	2.273	3.136	11.6	21.1
7 30	22 37.46	−22 4.7	2.196	3.128	8.8	20.9
8 9	22 31.00	−22 50.1	2.143	3.119	6.1	20.7
8 19	22 23.19	−23 31.5	2.116	3.111	4.1	20.6
8 29	22 14.80	−24 3.5	2.117	3.103	4.9	20.6
9 8	22 6.70	−24 22.1	2.145	3.094	7.5	20.7
9 18	21 59.70	−24 25.2	2.198	3.086	10.4	20.9
9 28	21 54.46	−24 12.6	2.274	3.077	13.0	21.1

68245 2001 DQ_{68} 8 25.5 126°.12 0°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.69	− 7 48.6	2.559	3.391	11.4	19.9
7 30	22 35.28	− 8 12.3	2.485	3.400	8.7	19.7
8 9	22 29.41	− 8 44.7	2.434	3.408	5.6	19.5
8 19	22 22.51	− 9 22.9	2.410	3.416	2.3	19.3
8 29	22 15.20	−10 3.4	2.415	3.423	1.1	19.3
9 8	22 8.16	−10 42.1	2.449	3.431	4.4	19.5
9 18	22 2.02	−11 15.7	2.510	3.438	7.5	19.7
9 28	21 57.30	−11 41.6	2.597	3.445	10.2	19.9

371450 2006 SO_{316} 8 25.5 319°.16 1°.9/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.33	−11 43.0	1.212	2.097	18.0	21.5
7 30	22 36.85	−12 18.1	1.132	2.077	13.9	21.1
8 9	22 31.42	−13 8.4	1.071	2.058	9.0	20.8
8 19	22 23.61	−14 8.1	1.031	2.039	3.7	20.5
8 29	22 14.54	−15 8.1	1.015	2.021	3.5	20.4
9 8	22 5.72	−15 58.7	1.021	2.003	9.0	20.7
9 18	21 58.64	−16 32.7	1.050	1.987	14.4	20.9
9 28	21 54.46	−16 45.7	1.097	1.972	19.1	21.1

348051 2003 UO_{184} 8 25.5 6°.61 2°.8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 32.72	− 0 55.3	1.154	2.022	19.9	19.2
7 30	22 31.50	− 1 18.3	1.093	2.023	15.8	19.0
8 9	22 27.71	− 2 7.8	1.051	2.025	11.0	18.7
8 19	22 22.00	− 3 20.5	1.028	2.030	5.8	18.5
8 29	22 15.47	− 4 48.6	1.028	2.035	2.9	18.3
9 8	22 9.44	− 6 21.0	1.051	2.043	7.0	18.6
9 18	22 5.06	− 7 46.9	1.097	2.052	11.9	18.9
9 28	22 3.21	− 8 57.5	1.163	2.063	16.4	19.2

114843 2003 PW_{1} 8 25.5 301°.00 0°.8/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.50	− 8 19.0	2.219	3.066	12.3	19.4
7 30	22 33.25	− 9 24.9	2.132	3.057	9.4	19.2
8 9	22 28.33	−10 43.4	2.069	3.048	6.0	19.0
8 19	22 22.15	−12 10.0	2.032	3.039	2.3	18.7
8 29	22 15.39	−13 38.6	2.024	3.031	1.9	18.7
9 8	22 8.79	−15 2.5	2.044	3.022	5.6	18.9
9 18	22 3.12	−16 16.0	2.091	3.013	9.1	19.1
9 28	21 59.01	−17 15.1	2.163	3.005	12.2	19.3

513232 2005 VT_{124} 8 25.5 259°.11 0°.9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.37	− 6 0.7	1.942	2.777	14.3	23.3
7 30	22 38.84	− 6 18.8	1.842	2.756	11.2	23.0
8 9	22 32.16	− 6 50.4	1.763	2.735	7.5	22.8
8 19	22 23.78	− 7 32.9	1.710	2.714	3.4	22.5
8 29	22 14.49	− 8 22.0	1.683	2.691	1.5	22.3
9 8	22 5.30	− 9 11.9	1.685	2.669	5.8	22.5
9 18	21 57.19	− 9 57.2	1.713	2.645	10.1	22.7
9 28	21 51.04	−10 33.2	1.764	2.622	13.8	22.9

315126 2007 EC_{85} 8 25.5 101°.71 0°.1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.20	− 5 49.4	2.371	3.206	12.1	20.2
7 30	22 33.57	− 6 49.6	2.295	3.212	9.2	20.1
8 9	22 28.40	− 8 2.2	2.243	3.217	6.0	19.9
8 19	22 22.15	− 9 23.3	2.217	3.223	2.4	19.6
8 29	22 15.43	−10 47.4	2.220	3.228	1.2	19.6
9 8	22 8.95	−12 8.6	2.252	3.234	4.8	19.8
9 18	22 3.37	−13 21.6	2.312	3.239	8.1	20.0
9 28	21 59.26	−14 22.7	2.398	3.245	11.0	20.2

405300 2003 UQ 8 25.5 354°.32 17°.9/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.11	+26 54.1	1.572	2.244	23.4	18.4
7 30	22 35.63	+29 32.9	1.500	2.234	22.1	18.3
8 9	22 30.54	+31 43.4	1.441	2.225	20.7	18.2
8 19	22 23.27	+33 16.9	1.397	2.218	19.4	18.0
8 29	22 14.75	+34 6.3	1.369	2.212	18.4	18.0
9 8	22 6.28	+34 9.5	1.358	2.209	17.9	17.9
9 18	21 59.18	+33 29.5	1.363	2.208	18.1	17.9
9 28	21 54.66	+32 14.8	1.386	2.208	18.8	18.0

129114 Oliverwalthall 8 25.5 159°.70 5°.1/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.05	+ 9 0.8	2.648	3.400	13.1	19.8
7 30	22 34.09	+ 9 7.8	2.560	3.402	11.0	19.7
8 9	22 28.70	+ 8 57.9	2.492	3.404	8.7	19.5
8 19	22 22.27	+ 8 31.1	2.449	3.406	6.5	19.4
8 29	22 15.38	+ 7 48.7	2.432	3.408	5.1	19.3
9 8	22 8.68	+ 6 54.1	2.442	3.410	5.6	19.4
9 18	22 2.78	+ 5 51.9	2.480	3.411	7.4	19.5
9 28	21 58.24	+ 4 47.1	2.544	3.413	9.7	19.6

54766 2001 LT_{5} 8 25.5 21°.67 1°.9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.77	−12 11.3	1.116	2.005	18.9	18.2
7 30	22 37.70	−12 39.5	1.066	2.012	14.4	18.0
8 9	22 31.70	−13 20.3	1.034	2.021	9.1	17.7
8 19	22 23.59	−14 6.8	1.023	2.031	3.7	17.4
8 29	22 14.71	−14 50.4	1.036	2.042	3.3	17.5
9 8	22 6.58	−15 23.0	1.071	2.054	8.5	17.8
9 18	22 0.47	−15 39.8	1.128	2.067	13.5	18.1
9 28	21 57.24	−15 38.6	1.205	2.081	17.7	18.4

346556 2008 UW_{340} 8 25.5 349°.37 9°.2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 34.77	−24 12.1	1.187	2.095	16.7	19.1
7 30	22 33.43	−26 24.0	1.133	2.085	13.1	18.8
8 9	22 29.18	−28 39.5	1.099	2.077	10.1	18.6
8 19	22 22.68	−30 44.0	1.087	2.070	9.2	18.6
8 29	22 15.15	−32 22.9	1.098	2.065	11.1	18.7
9 8	22 8.11	−33 26.1	1.130	2.061	14.5	18.9
9 18	22 2.94	−33 50.5	1.181	2.058	18.1	19.1
9 28	22 0.66	−33 38.0	1.248	2.056	21.3	19.3

16994 1999 CJ_{14} 8 25.5 96°.24 3°.6/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.61	+ 5 0.8	2.184	2.972	14.5	18.2
7 30	22 34.70	+ 4 24.3	2.111	2.987	11.8	18.0
8 9	22 29.16	+ 3 28.2	2.060	3.002	8.7	17.8
8 19	22 22.47	+ 2 14.4	2.033	3.016	5.5	17.7
8 29	22 15.31	+ 0 47.2	2.033	3.031	3.6	17.6
9 8	22 8.48	− 0 46.8	2.062	3.045	5.0	17.7
9 18	22 2.67	− 2 21.0	2.119	3.059	8.0	17.9
9 28	21 58.46	− 3 48.9	2.201	3.073	10.9	18.1

304537 2006 US_{274} 8 25.5 317°.45 3°.3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.94	−17 31.6	1.845	2.713	13.6	20.7
7 30	22 37.73	−18 11.3	1.770	2.706	10.3	20.5
8 9	22 31.37	−18 55.9	1.718	2.700	6.7	20.2
8 19	22 23.43	−19 39.4	1.690	2.693	3.7	20.0
8 29	22 14.79	−20 15.8	1.690	2.687	4.3	20.1
9 8	22 6.49	−20 39.7	1.715	2.681	7.7	20.3
9 18	21 59.50	−20 48.2	1.766	2.675	11.3	20.5
9 28	21 54.60	−20 40.4	1.839	2.670	14.5	20.7

13841 Blankenship 8 25.5 173°.56 0°.3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.04	− 7 6.9	1.857	2.696	14.7	18.9
7 30	22 39.21	− 7 36.9	1.781	2.699	11.3	18.7
8 9	22 32.27	− 8 19.9	1.726	2.701	7.4	18.5
8 19	22 23.78	− 9 12.1	1.697	2.703	3.1	18.2
8 29	22 14.61	−10 8.0	1.695	2.704	1.5	18.1
9 8	22 5.79	−11 1.4	1.721	2.704	5.9	18.4
9 18	21 58.24	−11 47.1	1.774	2.704	9.9	18.6
9 28	21 52.75	−12 21.3	1.850	2.703	13.5	18.9

123252 2000 UG_{69} 8 25.5 328°.07 4°.6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.94	+ 3 3.2	1.931	2.737	15.5	19.6
7 30	22 35.34	+ 3 20.8	1.844	2.729	12.7	19.4
8 9	22 29.81	+ 3 20.6	1.776	2.721	9.6	19.1
8 19	22 22.81	+ 3 2.7	1.731	2.714	6.4	19.0
8 29	22 15.11	+ 2 28.9	1.712	2.707	4.6	18.8
9 8	22 7.61	+ 1 43.5	1.720	2.701	6.1	18.9
9 18	22 1.20	+ 0 52.1	1.753	2.694	9.2	19.1
9 28	21 56.62	+ 0 0.7	1.809	2.689	12.5	19.3

439626 2014 FM_{19} 8 25.5 235°.05 3°.3/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.57	+ 4 31.7	1.960	2.757	15.6	20.7
7 30	22 35.05	+ 3 37.7	1.867	2.751	12.7	20.5
8 9	22 29.62	+ 2 19.6	1.795	2.744	9.2	20.3
8 19	22 22.74	+ 0 39.3	1.748	2.738	5.6	20.0
8 29	22 15.15	− 1 17.6	1.728	2.730	3.3	19.9
9 8	22 7.75	− 3 22.7	1.737	2.723	5.4	20.0
9 18	22 1.40	− 5 26.8	1.774	2.716	9.2	20.2
9 28	21 56.86	− 7 21.1	1.836	2.708	12.7	20.4

317444 2002 QZ_{110} 8 25.5 312°.44 1°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.42	− 4 19.0	1.342	2.203	18.1	20.5
7 30	22 35.80	− 4 53.4	1.261	2.190	14.2	20.2
8 9	22 30.55	− 5 50.0	1.199	2.177	9.5	19.9
8 19	22 23.24	− 7 5.0	1.159	2.164	4.3	19.6
8 29	22 14.86	− 8 31.0	1.143	2.152	1.9	19.4
9 8	22 6.74	− 9 57.9	1.152	2.140	7.2	19.7
9 18	22 0.14	−11 16.2	1.184	2.129	12.4	19.9
9 28	21 56.10	−12 18.2	1.238	2.118	17.0	20.2

216466 1996 AP_{8} 8 25.5 27°.97 3°.3/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.61	+ 0 17.9	2.187	2.994	13.9	20.1
7 30	22 36.30	+ 0 30.9	2.105	2.995	11.2	19.9
8 9	22 30.25	+ 0 29.8	2.044	2.996	8.1	19.7
8 19	22 22.94	+ 0 15.3	2.008	2.997	5.0	19.5
8 29	22 15.07	− 0 10.3	1.999	2.998	3.3	19.4
9 8	22 7.45	− 0 43.2	2.017	3.000	5.2	19.5
9 18	22 0.85	− 1 19.3	2.062	3.001	8.3	19.7
9 28	21 55.91	− 1 53.9	2.132	3.002	11.3	19.9

17789 1998 FJ_{49} 8 25.5 110°.70 3°.7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.90	+ 3 36.7	1.868	2.671	16.0	18.1
7 30	22 36.00	+ 3 7.8	1.794	2.680	13.0	17.9
8 9	22 30.16	+ 2 17.5	1.740	2.690	9.4	17.7
8 19	22 22.92	+ 1 7.7	1.710	2.699	5.8	17.5
8 29	22 15.09	− 0 16.9	1.707	2.707	3.7	17.4
9 8	22 7.61	− 1 48.9	1.731	2.716	5.6	17.5
9 18	22 1.32	− 3 20.7	1.782	2.724	9.1	17.7
9 28	21 56.92	− 4 45.1	1.858	2.732	12.5	18.0

123593 2000 XZ_{46} 8 25.5 154°.37 10°.6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 59.15	−44 16.0	2.261	3.073	13.3	19.9
7 30	22 50.66	−45 20.0	2.220	3.080	11.8	19.8
8 9	22 39.50	−46 7.7	2.201	3.087	10.8	19.7
8 19	22 26.58	−46 31.3	2.206	3.094	10.7	19.7
8 29	22 13.22	−46 25.3	2.235	3.100	11.4	19.8
9 8	22 0.80	−45 49.0	2.287	3.105	12.7	19.9
9 18	21 50.47	−44 45.4	2.362	3.110	14.2	20.0
9 28	21 42.97	−43 19.9	2.455	3.114	15.7	20.2

127094 2002 GE_{82} 8 25.5 325°.17 10°.3/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.22	−36 30.5	1.795	2.658	14.1	18.6
7 30	22 40.76	−37 44.7	1.729	2.639	12.1	18.4
8 9	22 33.59	−38 48.7	1.684	2.620	10.7	18.3
8 19	22 24.39	−39 33.4	1.663	2.602	10.4	18.2
8 29	22 14.30	−39 50.5	1.664	2.584	11.5	18.3
9 8	22 4.71	−39 36.3	1.688	2.568	13.5	18.4
9 18	21 56.84	−38 51.2	1.732	2.551	15.9	18.5
9 28	21 51.62	−37 39.2	1.795	2.536	18.2	18.6

394470 2007 TT_{4} 8 25.5 283°.82 6°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.76	+10 38.2	1.947	2.712	16.7	21.1
7 30	22 34.46	+10 33.2	1.857	2.707	14.2	20.9
8 9	22 29.25	+10 3.4	1.786	2.702	11.3	20.7
8 19	22 22.60	+ 9 8.1	1.737	2.697	8.5	20.5
8 29	22 15.25	+ 7 49.4	1.712	2.692	6.5	20.4
9 8	22 8.10	+ 6 13.0	1.714	2.687	7.0	20.4
9 18	22 2.03	+ 4 26.9	1.742	2.682	9.4	20.6
9 28	21 57.77	+ 2 40.0	1.795	2.678	12.4	20.8

498106 2007 RG_{297} 8 25.5 291°.70 4°.7/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.49	−18 6.7	1.307	2.190	17.1	21.6
7 30	22 41.45	−18 52.7	1.232	2.175	13.2	21.3
8 9	22 34.34	−19 45.9	1.176	2.160	8.8	21.0
8 19	22 24.80	−20 37.9	1.143	2.146	5.1	20.8
8 29	22 14.06	−21 19.2	1.134	2.131	5.9	20.8
9 8	22 3.72	−21 41.8	1.149	2.117	10.3	21.0
9 18	21 55.24	−21 41.8	1.186	2.103	15.0	21.2
9 28	21 49.76	−21 19.2	1.243	2.089	19.2	21.4

478052 2011 SR_{274} 8 25.5 357°.28 3°.0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.08	−15 54.7	1.449	2.330	15.9	20.2
7 30	22 37.52	−16 22.4	1.384	2.326	12.1	20.0
8 9	22 31.44	−16 56.9	1.339	2.324	7.8	19.7
8 19	22 23.51	−17 32.0	1.317	2.322	3.7	19.5
8 29	22 14.80	−18 0.7	1.319	2.322	4.1	19.5
9 8	22 6.59	−18 17.2	1.347	2.322	8.3	19.8
9 18	22 0.00	−18 18.3	1.398	2.323	12.5	20.0
9 28	21 55.89	−18 2.8	1.469	2.325	16.2	20.2

257066 2008 FU_{107} 8 25.5 53°.26 6°.2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.46	−26 49.3	1.956	2.824	12.9	20.1
7 30	22 39.39	−27 43.1	1.909	2.838	10.1	19.9
8 9	22 32.25	−28 32.9	1.885	2.852	7.5	19.8
8 19	22 23.71	−29 11.9	1.886	2.866	6.2	19.7
8 29	22 14.73	−29 34.4	1.914	2.881	7.1	19.8
9 8	22 6.35	−29 37.2	1.967	2.896	9.3	20.0
9 18	21 59.43	−29 20.1	2.043	2.911	11.9	20.2
9 28	21 54.63	−28 44.8	2.142	2.926	14.3	20.4

327629 2006 KQ_{84} 8 25.5 308°.63 3°.4/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.47	+ 3 6.7	2.461	3.255	12.9	20.8
7 30	22 33.05	+ 2 57.2	2.369	3.248	10.5	20.6
8 9	22 28.12	+ 2 32.2	2.297	3.242	7.8	20.4
8 19	22 22.09	+ 1 52.4	2.251	3.235	5.0	20.2
8 29	22 15.54	+ 1 0.4	2.231	3.228	3.4	20.1
9 8	22 9.16	+ 0 0.4	2.240	3.222	4.8	20.2
9 18	22 3.59	− 1 2.7	2.275	3.215	7.5	20.4
9 28	21 59.42	− 2 3.9	2.337	3.209	10.3	20.5

378210 2007 AR_{8} 8 25.5 109°.32 2°.6/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.65	− 2 20.7	1.724	2.550	16.2	21.1
7 30	22 39.71	− 2 20.7	1.657	2.562	12.8	20.9
8 9	22 32.59	− 2 36.9	1.610	2.574	8.9	20.7
8 19	22 23.91	− 3 7.0	1.587	2.585	4.7	20.5
8 29	22 14.61	− 3 47.2	1.590	2.596	2.7	20.4
9 8	22 5.77	− 4 31.7	1.621	2.606	5.8	20.6
9 18	21 58.34	− 5 15.0	1.677	2.617	9.8	20.8
9 28	21 53.07	− 5 51.9	1.758	2.627	13.3	21.1

271710 2004 RV_{185} 8 25.5 26°.62 2°.1/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 47.28	−15 28.2	1.258	2.135	18.0	20.0
7 30	22 42.36	−15 21.0	1.204	2.145	13.7	19.7
8 9	22 34.54	−15 19.2	1.170	2.155	8.8	19.5
8 19	22 24.71	−15 18.0	1.159	2.166	3.7	19.2
8 29	22 14.21	−15 11.9	1.172	2.178	3.3	19.3
9 8	22 4.55	−14 56.8	1.210	2.191	8.1	19.6
9 18	21 56.94	−14 31.1	1.271	2.204	12.8	19.9
9 28	21 52.24	−13 54.6	1.352	2.219	16.7	20.2

13258 Bej 8 25.5 62°.49 3°.3/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.88	− 2 17.1	1.419	2.258	18.4	17.8
7 30	22 40.31	− 2 0.2	1.355	2.268	14.6	17.6
8 9	22 33.18	− 2 1.5	1.311	2.277	10.2	17.3
8 19	22 24.19	− 2 19.6	1.289	2.287	5.7	17.1
8 29	22 14.46	− 2 50.4	1.292	2.297	3.4	17.0
9 8	22 5.28	− 3 28.0	1.321	2.307	6.7	17.2
9 18	21 57.79	− 4 5.9	1.373	2.318	11.1	17.5
9 28	21 52.84	− 4 38.3	1.448	2.328	15.0	17.8

389564 2010 VK_{47} 8 25.5 315°.87 2°.8/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 33.25	+ 4 2.7	3.984	4.754	8.7	20.8
7 30	22 30.04	+ 4 5.3	3.882	4.743	7.2	20.7
8 9	22 25.92	+ 3 58.3	3.803	4.733	5.4	20.5
8 19	22 21.14	+ 3 42.2	3.749	4.723	3.8	20.4
8 29	22 16.07	+ 3 18.2	3.724	4.713	2.8	20.3
9 8	22 11.08	+ 2 48.2	3.727	4.703	3.4	20.4
9 18	22 6.56	+ 2 14.5	3.759	4.693	5.1	20.5
9 28	22 2.87	+ 1 39.8	3.818	4.683	6.9	20.6

35082 1990 RJ_{3} 8 25.5 15°.53 2°.1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.70	−14 13.9	1.182	2.062	18.7	17.9
7 30	22 42.27	−14 22.6	1.122	2.064	14.3	17.6
8 9	22 34.72	−14 40.0	1.081	2.066	9.2	17.4
8 19	22 24.87	−15 0.0	1.061	2.068	3.8	17.1
8 29	22 14.11	−15 15.5	1.066	2.072	3.5	17.1
9 8	22 4.07	−15 20.6	1.094	2.075	8.7	17.4
9 18	21 56.13	−15 11.9	1.145	2.079	13.7	17.7
9 28	21 51.28	−14 48.4	1.215	2.084	18.1	18.0

435143 2007 HF_{38} 8 25.5 101°.17 6°.8/20.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 47.99	−26 11.6	1.689	2.559	14.5	21.5
7 30	22 42.46	−27 12.1	1.637	2.567	11.4	21.3
8 9	22 34.42	−28 9.3	1.607	2.575	8.4	21.2
8 19	22 24.64	−28 54.8	1.601	2.584	6.8	21.1
8 29	22 14.26	−29 21.3	1.621	2.592	7.8	21.2
9 8	22 4.55	−29 24.9	1.666	2.600	10.4	21.3
9 18	21 56.59	−29 5.3	1.735	2.607	13.4	21.6
9 28	21 51.15	−28 25.1	1.824	2.615	16.2	21.8

195316 2002 EL_{113} 8 25.5 271°.18 1°.0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.26	− 9 54.2	1.788	2.643	14.5	20.8
7 30	22 37.38	−10 36.8	1.699	2.628	11.1	20.5
8 9	22 31.29	−11 32.3	1.632	2.612	7.2	20.3
8 19	22 23.48	−12 36.0	1.590	2.597	2.8	20.0
8 29	22 14.81	−13 41.4	1.574	2.581	2.3	19.9
9 8	22 6.32	−14 41.4	1.586	2.565	6.7	20.2
9 18	21 59.04	−15 30.1	1.623	2.549	11.0	20.4
9 28	21 53.85	−16 3.6	1.682	2.533	14.7	20.6

346996 2010 CU_{168} 8 25.5 77°.15 0°.6/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 47.32	− 8 58.8	1.778	2.619	15.2	20.4
7 30	22 41.59	− 8 48.7	1.715	2.634	11.6	20.2
8 9	22 33.70	− 8 47.8	1.675	2.649	7.6	20.0
8 19	22 24.33	− 8 53.6	1.659	2.664	3.2	19.7
8 29	22 14.43	− 9 2.3	1.671	2.679	1.5	19.7
9 8	22 5.09	− 9 10.1	1.710	2.694	5.8	20.0
9 18	21 57.24	− 9 13.9	1.776	2.709	9.8	20.2
9 28	21 51.59	− 9 11.2	1.866	2.724	13.2	20.5

343609 2010 GB_{115} 8 25.5 220°.19 3°.7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.92	+ 2 53.6	2.205	2.999	14.2	21.5
7 30	22 36.63	+ 2 48.0	2.112	2.992	11.6	21.3
8 9	22 30.54	+ 2 25.3	2.039	2.984	8.5	21.1
8 19	22 23.11	+ 1 46.2	1.991	2.976	5.5	20.9
8 29	22 15.02	+ 0 53.5	1.970	2.967	3.7	20.8
9 8	22 7.10	− 0 8.2	1.977	2.958	5.3	20.9
9 18	22 0.15	− 1 13.4	2.011	2.949	8.5	21.0
9 28	21 54.85	− 2 16.2	2.070	2.939	11.6	21.2

332122 2005 VH_{34} 8 25.5 335°.07 4°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.70	−20 38.7	1.802	2.680	13.4	20.1
7 30	22 36.14	−21 44.5	1.733	2.672	10.3	19.9
8 9	22 30.42	−22 53.8	1.686	2.665	7.1	19.7
8 19	22 23.09	−23 59.1	1.663	2.659	5.0	19.5
8 29	22 15.05	−24 53.0	1.667	2.653	6.0	19.6
9 8	22 7.36	−25 29.5	1.696	2.647	9.0	19.8
9 18	22 0.98	−25 45.6	1.750	2.642	12.3	20.0
9 28	21 56.70	−25 41.0	1.824	2.637	15.3	20.2

36882 2000 SW_{155} 8 25.5 323°.81 4°.8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 36.76	+ 6 24.8	2.040	2.829	15.3	18.7
7 30	22 33.60	+ 6 14.0	1.951	2.823	12.7	18.5
8 9	22 28.65	+ 5 41.9	1.882	2.818	9.7	18.3
8 19	22 22.37	+ 4 49.1	1.836	2.812	6.7	18.1
8 29	22 15.45	+ 3 38.2	1.816	2.807	4.8	17.9
9 8	22 8.74	+ 2 15.0	1.822	2.803	5.9	18.0
9 18	22 3.02	+ 0 46.4	1.855	2.798	8.7	18.2
9 28	21 58.99	− 0 40.3	1.913	2.794	11.9	18.4

238609 2005 AB_{81} 8 25.5 215°.91 2°.5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.96	−13 50.8	1.892	2.754	13.5	20.6
7 30	22 36.92	−14 51.0	1.819	2.753	10.2	20.4
8 9	22 30.84	−15 59.9	1.769	2.751	6.5	20.1
8 19	22 23.25	−17 11.7	1.744	2.749	3.1	19.9
8 29	22 15.00	−18 19.2	1.746	2.747	3.6	19.9
9 8	22 7.06	−19 15.9	1.776	2.745	7.2	20.2
9 18	22 0.34	−19 57.4	1.831	2.742	10.8	20.4
9 28	21 55.59	−20 21.4	1.908	2.740	14.0	20.6

58891 1998 HT_{145} 8 25.5 205°.19 3°.9/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.43	−18 53.3	2.065	2.927	12.6	19.9
7 30	22 38.69	−19 58.0	1.991	2.923	9.6	19.7
8 9	22 31.94	−21 7.1	1.940	2.918	6.4	19.5
8 19	22 23.69	−22 14.0	1.916	2.914	4.1	19.3
8 29	22 14.77	−23 12.0	1.919	2.909	4.9	19.4
9 8	22 6.15	−23 55.4	1.950	2.903	7.9	19.5
9 18	21 58.73	−24 21.2	2.007	2.897	11.1	19.7
9 28	21 53.25	−24 28.6	2.085	2.890	14.0	19.9

9093 Sorada 8 25.5 22°.22 9°.6/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.39	+14 30.4	1.595	2.353	20.1	16.9
7 30	22 35.31	+15 11.6	1.523	2.357	17.6	16.7
8 9	22 29.98	+15 23.8	1.467	2.362	14.7	16.5
8 19	22 22.95	+15 4.1	1.430	2.368	11.9	16.4
8 29	22 15.15	+14 12.5	1.414	2.373	9.9	16.3
9 8	22 7.70	+12 54.1	1.422	2.380	9.8	16.3
9 18	22 1.60	+11 17.3	1.454	2.387	11.5	16.4
9 28	21 57.71	+ 9 32.7	1.508	2.394	14.2	16.6

329979 2005 SK_{149} 8 25.5 276°.82 0°.5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.33	− 9 19.3	2.178	3.024	12.6	21.8
7 30	22 35.45	− 9 53.2	2.091	3.014	9.6	21.6
8 9	22 29.80	−10 37.2	2.026	3.004	6.2	21.4
8 19	22 22.82	−11 27.9	1.987	2.994	2.4	21.1
8 29	22 15.23	−12 20.4	1.976	2.983	1.6	21.1
9 8	22 7.82	−13 9.5	1.993	2.973	5.5	21.3
9 18	22 1.41	−13 50.7	2.036	2.963	9.1	21.5
9 28	21 56.65	−14 20.8	2.104	2.952	12.3	21.7

320342 2007 TH_{154} 8 25.5 262°.76 1°.3/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.68	− 5 24.8	1.464	2.314	17.4	21.4
7 30	22 39.66	− 5 38.5	1.380	2.303	13.7	21.1
8 9	22 32.99	− 6 9.6	1.317	2.291	9.2	20.8
8 19	22 24.24	− 6 55.1	1.276	2.280	4.2	20.5
8 29	22 14.45	− 7 49.4	1.260	2.268	1.9	20.3
9 8	22 4.91	− 8 45.0	1.270	2.257	6.9	20.6
9 18	21 56.89	− 9 34.7	1.304	2.245	11.9	20.9
9 28	21 51.40	−10 12.7	1.360	2.233	16.3	21.1

139351 2001 LJ_{6} 8 25.5 1°.42 4°.0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 33.01	+ 0 42.6	1.247	2.104	19.4	18.4
7 30	22 31.63	+ 0 38.8	1.181	2.101	15.6	18.1
8 9	22 27.79	+ 0 9.5	1.132	2.099	11.3	17.9
8 19	22 22.12	− 0 43.8	1.103	2.100	6.7	17.6
8 29	22 15.61	− 1 55.6	1.097	2.102	4.0	17.5
9 8	22 9.52	− 3 16.7	1.115	2.105	6.9	17.7
9 18	22 4.96	− 4 37.1	1.155	2.111	11.4	17.9
9 28	22 2.82	− 5 47.8	1.216	2.118	15.7	18.2

472770 2015 FB_{124} 8 25.5 57°.82 0°.7/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.73	− 8 58.0	1.506	2.368	16.4	20.8
7 30	22 37.74	− 9 40.9	1.450	2.382	12.4	20.6
8 9	22 31.43	−10 37.4	1.415	2.397	7.9	20.4
8 19	22 23.48	−11 41.7	1.404	2.412	3.1	20.2
8 29	22 14.93	−12 46.3	1.419	2.427	2.1	20.1
9 8	22 6.94	−13 43.7	1.460	2.442	6.8	20.5
9 18	22 0.52	−14 28.4	1.525	2.457	11.1	20.8
9 28	21 56.41	−14 57.2	1.613	2.473	14.8	21.0

149083 2002 CD_{95} 8 25.5 241°.53 0°.2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.41	− 8 35.4	2.426	3.264	11.7	20.8
7 30	22 35.33	− 9 10.9	2.336	3.255	9.0	20.6
8 9	22 29.64	− 9 56.3	2.269	3.245	5.8	20.4
8 19	22 22.75	−10 48.2	2.228	3.234	2.3	20.1
8 29	22 15.29	−11 42.3	2.216	3.224	1.4	20.1
9 8	22 8.00	−12 33.8	2.233	3.213	5.0	20.3
9 18	22 1.58	−13 18.5	2.277	3.202	8.3	20.5
9 28	21 56.67	−13 53.3	2.346	3.191	11.3	20.7

288202 2003 YS_{10} 8 25.5 218°.44 0°.1/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 43.62	− 9 12.3	2.314	3.149	12.3	21.2
7 30	22 38.57	− 9 26.0	2.225	3.142	9.5	20.9
8 9	22 31.74	− 9 48.2	2.159	3.134	6.2	20.7
8 19	22 23.60	−10 15.9	2.120	3.126	2.5	20.5
8 29	22 14.84	−10 45.6	2.109	3.117	1.3	20.4
9 8	22 6.30	−11 13.2	2.127	3.108	5.1	20.6
9 18	21 58.76	−11 35.2	2.172	3.099	8.6	20.8
9 28	21 52.89	−11 49.1	2.243	3.089	11.7	21.0

331367 2012 DG_{38} 8 25.5 242°.16 0°.4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.37	−10 57.5	2.439	3.278	11.6	20.8
7 30	22 37.51	−11 5.5	2.353	3.272	8.9	20.6
8 9	22 30.99	−11 20.0	2.290	3.266	5.7	20.4
8 19	22 23.28	−11 38.3	2.254	3.260	2.3	20.2
8 29	22 15.03	−11 57.1	2.246	3.254	1.4	20.1
9 8	22 7.01	−12 12.9	2.267	3.247	4.9	20.4
9 18	21 59.94	−12 23.1	2.316	3.240	8.2	20.5
9 28	21 54.45	−12 25.6	2.389	3.234	11.1	20.7

448399 2009 RF_{10} 8 25.5 306°.78 3°.1/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.80	+ 2 6.0	2.287	3.090	13.4	21.2
7 30	22 33.42	+ 1 46.7	2.197	3.085	10.9	21.0
8 9	22 28.44	+ 1 10.8	2.128	3.079	7.9	20.8
8 19	22 22.27	+ 0 19.4	2.084	3.073	4.9	20.6
8 29	22 15.55	− 0 44.0	2.066	3.067	3.1	20.5
9 8	22 9.01	− 1 54.4	2.077	3.062	4.8	20.6
9 18	22 3.35	− 3 6.3	2.115	3.056	7.9	20.8
9 28	21 59.20	− 4 14.0	2.178	3.051	11.0	21.0

315999 2009 DP_{127} 8 25.5 80°.71 0°.9/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.90	− 9 21.2	1.363	2.225	17.8	21.7
7 30	22 41.05	−10 4.1	1.314	2.246	13.5	21.5
8 9	22 33.60	−11 0.8	1.285	2.266	8.6	21.3
8 19	22 24.35	−12 4.9	1.279	2.287	3.3	21.1
8 29	22 14.52	−13 8.0	1.299	2.307	2.4	21.0
9 8	22 5.43	−14 2.4	1.345	2.327	7.4	21.4
9 18	21 58.18	−14 42.5	1.415	2.346	11.9	21.7
9 28	21 53.56	−15 5.7	1.507	2.366	15.7	22.0

94375 2001 SQ_{39} 8 25.5 324°.42 5°.1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.75	−17 54.9	1.156	2.048	18.2	19.7
7 30	22 40.33	−18 49.4	1.092	2.040	14.0	19.4
8 9	22 33.70	−19 51.9	1.046	2.032	9.3	19.2
8 19	22 24.59	−20 53.1	1.022	2.025	5.4	18.9
8 29	22 14.34	−21 42.0	1.021	2.018	6.4	19.0
9 8	22 4.64	−22 9.9	1.043	2.012	10.9	19.2
9 18	21 57.02	−22 12.8	1.086	2.007	15.7	19.5
9 28	21 52.56	−21 51.0	1.148	2.002	19.9	19.7

29114 1981 EB_{34} 8 25.5 80°.99 2°.5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.74	− 2 5.7	1.293	2.142	19.3	19.9
7 30	22 39.02	− 2 23.2	1.226	2.145	15.3	19.6
8 9	22 32.57	− 3 3.4	1.178	2.149	10.5	19.4
8 19	22 24.05	− 4 3.2	1.151	2.153	5.4	19.1
8 29	22 14.64	− 5 16.0	1.149	2.156	2.7	19.0
9 8	22 5.70	− 6 32.4	1.171	2.160	7.0	19.2
9 18	21 58.52	− 7 43.4	1.218	2.164	12.0	19.5
9 28	21 54.03	− 8 41.5	1.285	2.167	16.4	19.8

317740 2003 SY_{13} 8 25.6 271°.17 3°.7/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 48.87	−20 4.6	1.836	2.696	14.0	20.1
7 30	22 43.09	−20 20.4	1.755	2.686	10.8	19.8
8 9	22 34.90	−20 37.3	1.697	2.675	7.2	19.6
8 19	22 24.93	−20 49.7	1.665	2.665	4.1	19.4
8 29	22 14.18	−20 52.4	1.659	2.655	4.6	19.4
9 8	22 3.83	−20 41.4	1.681	2.644	8.0	19.6
9 18	21 54.97	−20 15.6	1.728	2.634	11.7	19.8
9 28	21 48.45	−19 35.5	1.797	2.623	15.0	20.0

208695 2002 GZ_{181} 8 25.6 67°.62 0°.3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 35.09	− 6 1.8	3.001	3.829	10.0	19.7
7 30	22 31.68	− 6 47.2	2.925	3.837	7.6	19.6
8 9	22 27.09	− 7 41.7	2.873	3.845	5.0	19.4
8 19	22 21.68	− 8 42.6	2.849	3.854	2.1	19.2
8 29	22 15.92	− 9 46.0	2.853	3.862	0.9	19.2
9 8	22 10.36	−10 47.9	2.888	3.870	3.8	19.4
9 18	22 5.49	−11 44.8	2.951	3.879	6.5	19.6
9 28	22 1.74	−12 33.6	3.039	3.887	8.9	19.8

246639 2008 YJ_{1} 8 25.6 218°.42 5°.5/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.04	−25 47.1	2.459	3.317	10.9	21.7
7 30	22 39.00	−27 5.9	2.383	3.307	8.6	21.6
8 9	22 32.08	−28 24.3	2.332	3.296	6.5	21.4
8 19	22 23.77	−29 35.6	2.308	3.285	5.5	21.3
8 29	22 14.79	−30 33.6	2.313	3.273	6.5	21.4
9 8	22 6.03	−31 13.6	2.344	3.261	8.7	21.5
9 18	21 58.32	−31 33.5	2.401	3.248	11.1	21.7
9 28	21 52.35	−31 33.5	2.479	3.234	13.4	21.8

97385 2000 AE_{85} 8 25.6 258°.42 1°.6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.35	− 3 36.0	2.459	3.279	12.1	19.9
7 30	22 35.25	− 3 44.8	2.367	3.270	9.6	19.7
8 9	22 29.57	− 4 5.0	2.297	3.262	6.6	19.5
8 19	22 22.74	− 4 34.9	2.254	3.253	3.4	19.3
8 29	22 15.36	− 5 11.5	2.238	3.245	1.7	19.1
9 8	22 8.15	− 5 50.9	2.251	3.236	4.5	19.3
9 18	22 1.80	− 6 29.2	2.291	3.227	7.7	19.5
9 28	21 56.91	− 7 2.6	2.357	3.218	10.7	19.7

348380 2005 GH_{13} 8 25.6 94°.69 4°.8/20.7 18

7 20	22 42.10	−20 35.8	1.969	2.838	12.8	20.6
7 30	22 37.65	−21 58.1	1.917	2.851	9.7	20.4
8 9	22 31.21	−23 22.6	1.888	2.865	6.7	20.3
8 19	22 23.39	−24 41.7	1.886	2.879	4.8	20.2
8 29	22 15.05	−25 48.1	1.911	2.892	5.8	20.3
9 8	22 7.15	−26 36.6	1.962	2.906	8.5	20.5
9 18	22 0.56	−27 4.7	2.039	2.919	11.4	20.7
9 28	21 55.93	−27 12.5	2.137	2.931	14.0	20.9

27559 2000 JB_{66} 8 25.6 108°.04 2°.8/29.3 18

7 20	22 36.47	+ 2 55.0	2.648	3.439	12.1	18.8
7 30	22 32.90	+ 2 27.3	2.565	3.444	9.8	18.7
8 9	22 27.96	+ 1 44.4	2.503	3.449	7.1	18.5
8 19	22 22.06	+ 0 48.0	2.467	3.454	4.4	18.3
8 29	22 15.74	− 0 18.6	2.459	3.458	2.8	18.2
9 8	22 9.62	− 1 31.1	2.479	3.463	4.3	18.4
9 18	22 4.28	− 2 44.4	2.528	3.468	6.9	18.5
9 28	22 0.24	− 3 53.7	2.604	3.472	9.5	18.7

258827 2002 OL_{23} 8 25.6 267°.20 11°.8/28.9 15

7 20	22 56.31	+ 4 57.4	1.102	1.914	24.2	20.2
7 30	22 50.49	+ 7 24.3	1.025	1.906	20.8	19.9
8 9	22 40.74	+ 9 35.3	0.964	1.897	16.9	19.6
8 19	22 27.66	+11 21.3	0.924	1.888	13.4	19.4
8 29	22 12.66	+12 33.8	0.905	1.879	11.8	19.3
9 8	21 57.83	+13 10.0	0.909	1.870	13.4	19.3
9 18	21 45.22	+13 14.1	0.935	1.861	17.0	19.5
9 28	21 36.44	+12 56.1	0.978	1.852	21.0	19.7

69732 1998 JE 8 25.6 352°.84 2°.7/23.6 18

7 20	22 40.74	−12 49.9	1.235	2.119	17.8	17.5
7 30	22 37.70	−13 41.5	1.171	2.116	13.5	17.3
8 9	22 31.83	−14 46.4	1.127	2.114	8.6	17.0
8 19	22 23.80	−15 57.1	1.105	2.112	3.8	16.7
8 29	22 14.82	−17 3.6	1.107	2.111	4.1	16.7
9 8	22 6.35	−17 56.6	1.132	2.110	9.0	17.0
9 18	21 59.70	−18 30.2	1.180	2.110	13.9	17.3
9 28	21 55.85	−18 41.7	1.247	2.110	18.0	17.5

519713 2013 BP_{74} 8 25.6 325°.45 1°.1/26.5 18

7 20	22 40.54	− 6 7.8	1.712	2.560	15.4	21.2
7 30	22 36.82	− 6 14.9	1.630	2.551	12.0	20.9
8 9	22 30.92	− 6 35.6	1.569	2.544	8.0	20.7
8 19	22 23.37	− 7 7.5	1.532	2.536	3.7	20.4
8 29	22 15.04	− 7 46.0	1.521	2.529	1.7	20.2
9 8	22 6.99	− 8 25.4	1.536	2.522	6.0	20.5
9 18	22 0.21	− 9 0.5	1.576	2.516	10.2	20.7
9 28	21 55.53	− 9 26.8	1.639	2.510	14.0	21.0

185251 2006 UZ_{63} 8 25.6 124°.89 2°.6/23.2 18

7 20	22 42.67	−16 15.8	2.140	2.998	12.4	21.5
7 30	22 37.93	−16 53.7	2.072	3.003	9.3	21.3
8 9	22 31.34	−17 36.1	2.027	3.008	6.0	21.1
8 19	22 23.46	−18 18.2	2.009	3.013	3.0	20.9
8 29	22 15.06	−18 54.8	2.018	3.017	3.4	21.0
9 8	22 7.03	−19 21.4	2.055	3.022	6.5	21.2
9 18	22 0.16	−19 35.5	2.118	3.026	9.8	21.4
9 28	21 55.09	−19 36.0	2.205	3.031	12.6	21.6

50762 2000 EY_{184} 8 25.6 291°.80 4°.6/20.8 18

7 20	22 39.63	−18 31.1	1.834	2.708	13.4	19.2
7 30	22 36.12	−20 0.5	1.761	2.700	10.2	18.9
8 9	22 30.47	−21 36.6	1.712	2.692	6.9	18.7
8 19	22 23.20	−23 11.6	1.688	2.685	4.7	18.6
8 29	22 15.17	−24 36.4	1.690	2.677	5.8	18.6
9 8	22 7.40	−25 43.8	1.720	2.669	9.0	18.8
9 18	22 0.87	−26 29.3	1.773	2.661	12.4	19.0
9 28	21 56.40	−26 51.7	1.847	2.654	15.4	19.2

290574 2005 UN_{128} 8 25.6 137°.20 4°.4/29.3 18

7 20	22 41.81	+ 2 42.3	1.722	2.532	16.9	21.6
7 30	22 37.72	+ 2 45.5	1.645	2.534	13.8	21.4
8 9	22 31.45	+ 2 28.3	1.587	2.537	10.1	21.2
8 19	22 23.58	+ 1 51.3	1.552	2.539	6.5	21.0
8 29	22 14.98	+ 0 57.9	1.543	2.541	4.4	20.9
9 8	22 6.70	− 0 6.0	1.559	2.543	6.3	21.0
9 18	21 59.72	− 1 13.3	1.602	2.545	9.9	21.2
9 28	21 54.84	− 2 16.9	1.668	2.547	13.4	21.4

471264 2011 DY_{39} 8 25.6 34°.93 0°.9/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 57.64	−16 1.5	1.104	1.975	20.4	20.1
7 30	22 50.13	−15 0.6	1.065	2.001	15.5	19.9
8 9	22 39.37	−14 3.1	1.046	2.028	9.9	19.7
8 19	22 26.61	−13 6.4	1.050	2.057	3.9	19.4
8 29	22 13.56	−12 8.8	1.078	2.086	2.4	19.4
9 8	22 1.94	−11 9.6	1.132	2.117	8.0	19.9
9 18	21 53.04	−10 9.3	1.210	2.148	12.9	20.2
9 28	21 47.53	− 9 7.9	1.309	2.179	16.9	20.6

381785 2009 TF_{13} 8 25.6 295°.58 0°.9/24.9 18

7 20	22 40.76	− 9 7.6	1.478	2.343	16.5	21.5
7 30	22 37.41	− 9 51.2	1.398	2.332	12.7	21.2
8 9	22 31.54	−10 50.6	1.338	2.320	8.2	20.9
8 19	22 23.71	−12 0.6	1.302	2.309	3.2	20.6
8 29	22 14.90	−13 13.3	1.291	2.298	2.4	20.5
9 8	22 6.36	−14 20.0	1.305	2.287	7.5	20.8
9 18	21 59.29	−15 13.6	1.343	2.276	12.3	21.1
9 28	21 54.65	−15 49.4	1.403	2.266	16.4	21.3

280607 2004 WY_{9} 8 25.6 335°.71 11°.2/ 5.3 18

7 20	22 33.00	+17 8.3	1.396	2.160	22.2	19.8
7 30	22 31.69	+17 42.9	1.309	2.144	19.8	19.5
8 9	22 27.97	+17 42.3	1.237	2.130	17.0	19.3
8 19	22 22.31	+17 1.1	1.181	2.116	14.1	19.1
8 29	22 15.62	+15 37.6	1.145	2.103	11.8	18.9
9 8	22 9.10	+13 36.8	1.131	2.092	11.3	18.9
9 18	22 3.95	+11 9.5	1.139	2.081	13.0	18.9
9 28	22 1.22	+ 8 30.8	1.169	2.072	16.0	19.1

454940 2015 TD_{180} 8 25.6 322°.28 4°.8/20.5 17

7 20	22 39.82	−22 15.1	2.130	3.000	11.9	21.8
7 30	22 35.95	−23 17.9	2.058	2.993	9.2	21.7
8 9	22 30.19	−24 22.1	2.010	2.986	6.4	21.5
8 19	22 23.04	−25 21.5	1.988	2.980	4.8	21.4
8 29	22 15.29	−26 9.7	1.993	2.973	5.8	21.4
9 8	22 7.82	−26 42.0	2.024	2.967	8.3	21.6
9 18	22 1.48	−26 55.9	2.080	2.961	11.2	21.7
9 28	21 56.96	−26 51.1	2.158	2.955	13.8	21.9

215409 2002 EJ_{155} 8 25.6 181°.75 4°.7/22.2 18

7 20	22 47.47	−19 10.8	1.508	2.380	15.8	20.7
7 30	22 42.42	−20 6.0	1.444	2.381	12.1	20.5
8 9	22 34.67	−21 5.7	1.400	2.381	8.1	20.3
8 19	22 24.91	−22 1.7	1.381	2.381	5.0	20.1
8 29	22 14.32	−22 45.5	1.388	2.380	5.9	20.2
9 8	22 4.27	−23 10.7	1.420	2.380	9.5	20.4
9 18	21 55.99	−23 14.6	1.476	2.379	13.5	20.6
9 28	21 50.38	−22 57.7	1.552	2.378	17.0	20.8

314438 2005 UJ_{526} 8 25.6 347°.34 1°.7/27.0 18

7 20	22 39.92	− 4 51.3	1.842	2.682	14.8	20.6
7 30	22 36.17	− 4 48.8	1.762	2.678	11.6	20.4
8 9	22 30.41	− 4 59.4	1.703	2.674	7.9	20.1
8 19	22 23.15	− 5 21.2	1.668	2.670	3.9	19.9
8 29	22 15.23	− 5 50.5	1.659	2.667	2.0	19.8
9 8	22 7.59	− 6 22.7	1.677	2.664	5.5	20.0
9 18	22 1.14	− 6 53.0	1.721	2.662	9.4	20.2
9 28	21 56.61	− 7 17.2	1.788	2.660	13.0	20.4

135563 2002 FU_{9} 8 25.6 71°.56 1°.4/26.5 17

7 20	22 46.24	− 5 59.5	1.332	2.186	18.6	19.8
7 30	22 41.47	− 6 0.7	1.275	2.199	14.4	19.6
8 9	22 34.00	− 6 18.1	1.237	2.213	9.6	19.3
8 19	22 24.61	− 6 48.5	1.222	2.226	4.4	19.1
8 29	22 14.51	− 7 25.9	1.231	2.239	2.0	18.9
9 8	22 5.08	− 8 3.6	1.266	2.253	6.8	19.3
9 18	21 57.50	− 8 35.6	1.325	2.266	11.6	19.6
9 28	21 52.61	− 8 57.4	1.405	2.280	15.7	19.9

404430 2013 GZ_{93} 8 25.6 76°.50 1°.3/24.3 18

7 20	22 40.85	−12 29.0	2.236	3.087	12.1	21.1
7 30	22 36.39	−13 2.6	2.174	3.101	9.1	21.0
8 9	22 30.27	−13 42.7	2.136	3.116	5.8	20.8
8 19	22 23.01	−14 25.4	2.124	3.130	2.4	20.6
8 29	22 15.34	−15 6.0	2.140	3.145	2.2	20.6
9 8	22 8.05	−15 40.1	2.183	3.159	5.5	20.8
9 18	22 1.83	−16 4.7	2.254	3.173	8.7	21.1
9 28	21 57.26	−16 18.0	2.349	3.187	11.5	21.3

356417 2010 UG_{31} 8 25.6 261°.98 0°.4/26.3 16

7 20	22 33.07	− 7 8.9	4.625	5.445	6.9	21.5
7 30	22 29.80	− 7 23.4	4.530	5.437	5.3	21.4
8 9	22 25.74	− 7 42.8	4.459	5.428	3.5	21.3
8 19	22 21.15	− 8 5.9	4.416	5.420	1.5	21.1
8 29	22 16.31	− 8 30.9	4.404	5.412	0.7	21.0
9 8	22 11.56	− 8 56.0	4.421	5.403	2.6	21.2
9 18	22 7.22	− 9 19.4	4.467	5.395	4.5	21.3
9 28	22 3.59	− 9 39.5	4.540	5.387	6.2	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
260373 2004 VV_{13}			8 25.6 291.°43	4.°0/29.5 18		
	h m	° ′			°	m
7 20	22 39.51	+ 2 43.4	2.322	3.115	13.6	20.1
7 30	22 35.50	+ 2 58.3	2.229	3.107	11.1	19.9
8 9	22 29.82	+ 2 58.4	2.156	3.099	8.3	19.7
8 19	22 22.90	+ 2 43.9	2.109	3.090	5.5	19.5
8 29	22 15.37	+ 2 16.4	2.088	3.082	4.0	19.4
9 8	22 8.01	+ 1 39.5	2.094	3.074	5.3	19.5
9 18	22 1.54	+ 0 57.4	2.128	3.066	8.1	19.6
9 28	21 56.61	+ 0 14.8	2.186	3.058	11.0	19.8
237756 2001 YH_{84}			8 25.6 234.°35	2.°4/23.4 18		
7 20	22 43.33	−14 9.4	1.975	2.831	13.3	20.4
7 30	22 38.77	−15 0.3	1.890	2.821	10.1	20.2
8 9	22 32.12	−15 59.6	1.829	2.810	6.5	19.9
8 19	22 23.87	−17 1.7	1.793	2.798	3.0	19.7
8 29	22 14.87	−18 0.2	1.785	2.786	3.4	19.7
9 8	22 6.08	−18 48.9	1.805	2.774	7.0	19.9
9 18	21 58.48	−19 23.5	1.850	2.761	10.8	20.1
9 28	21 52.84	−19 41.9	1.918	2.748	14.1	20.3
36401 2000 OK_{47}			8 25.6 8.°93	2.°7/24.2 18		
7 20	22 38.95	−14 24.7	0.852	1.763	21.1	17.4
7 30	22 37.12	−14 35.7	0.806	1.764	16.1	17.1
8 9	22 31.78	−14 57.7	0.776	1.767	10.3	16.8
8 19	22 23.86	−15 23.2	0.764	1.772	4.4	16.5
8 29	22 14.95	−15 43.2	0.773	1.779	4.2	16.6
9 8	22 6.95	−15 49.7	0.802	1.788	9.9	16.9
9 18	22 1.36	−15 38.9	0.851	1.799	15.5	17.3
9 28	21 59.18	−15 10.0	0.916	1.811	20.1	17.6
252165 2001 CS_{34}			8 25.6 256.°53	5.°5/18.6 18		
7 20	22 43.35	−28 5.5	2.746	3.600	10.0	21.0
7 30	22 38.40	−29 11.2	2.659	3.578	8.0	20.9
8 9	22 31.70	−30 15.0	2.597	3.555	6.3	20.7
8 19	22 23.68	−31 11.4	2.562	3.532	5.5	20.6
8 29	22 15.01	−31 54.8	2.555	3.508	6.4	20.7
9 8	22 6.48	−32 21.4	2.575	3.483	8.3	20.7
9 18	21 58.86	−32 29.5	2.620	3.459	10.6	20.9
9 28	21 52.83	−32 19.2	2.688	3.433	12.7	21.0
453664 2010 UB_{16}			8 25.6 257.°82	5.°5/19.8 18		
7 20	22 43.36	−26 27.9	2.357	3.218	11.2	21.3
7 30	22 38.52	−27 22.5	2.283	3.209	8.9	21.1
8 9	22 31.80	−28 15.0	2.234	3.199	6.6	21.0
8 19	22 23.71	−28 59.6	2.210	3.189	5.5	20.9
8 29	22 15.03	−29 30.6	2.213	3.179	6.4	20.9
9 8	22 6.64	−29 44.5	2.244	3.169	8.6	21.0
9 18	21 59.38	−29 39.7	2.298	3.159	11.0	21.2
9 28	21 53.91	−29 16.9	2.375	3.149	13.4	21.3
249764 2000 UN_{62}			8 25.6 325.°01	3.°2/23.8 18		
7 20	22 45.48	−16 6.4	1.195	2.079	18.3	19.7
7 30	22 41.61	−16 23.3	1.124	2.068	14.0	19.4
8 9	22 34.56	−16 47.4	1.072	2.058	9.1	19.1
8 19	22 25.02	−17 12.3	1.042	2.048	4.3	18.8
8 29	22 14.32	−17 29.8	1.036	2.039	4.5	18.8
9 8	22 4.14	−17 33.3	1.052	2.031	9.5	19.1
9 18	21 55.96	−17 19.6	1.091	2.023	14.6	19.3
9 28	21 50.92	−16 48.2	1.149	2.016	19.0	19.6
149775 2004 RV_{121}			8 25.6 40.°14	1.°0/24.7 18		
7 20	22 40.31	−11 9.2	1.872	2.730	13.9	20.3
7 30	22 36.32	−11 40.3	1.810	2.740	10.5	20.1
8 9	22 30.40	−12 20.4	1.770	2.751	6.7	19.9
8 19	22 23.13	−13 5.1	1.755	2.762	2.6	19.7
8 29	22 15.35	−13 48.8	1.767	2.773	2.1	19.7
9 8	22 8.00	−14 26.4	1.806	2.785	6.0	20.0
9 18	22 1.89	−14 53.9	1.870	2.797	9.7	20.2
9 28	21 57.68	−15 9.0	1.958	2.809	12.9	20.5
339225 2004 TD_{327}			8 25.6 342.°67	11.°2/ 2.3 18		
7 20	22 37.96	+11 40.4	1.331	2.124	21.8	19.9
7 30	22 35.59	+13 6.2	1.252	2.112	19.1	19.7
8 9	22 30.58	+14 5.6	1.189	2.101	16.1	19.5
8 19	22 23.42	+14 32.7	1.144	2.091	13.3	19.3
8 29	22 15.13	+14 24.5	1.119	2.082	11.4	19.1
9 8	22 7.02	+13 43.4	1.115	2.075	11.6	19.1
9 18	22 0.42	+12 36.4	1.132	2.068	13.7	19.2
9 28	21 56.42	+11 14.8	1.170	2.063	16.8	19.4
61827 2000 QZ_{194}			8 25.6 52.°16	1.°5/24.4 18		
7 20	22 42.17	−11 11.3	1.600	2.463	15.5	19.1
7 30	22 38.16	−11 54.5	1.532	2.465	11.8	18.9
8 9	22 31.83	−12 49.4	1.486	2.468	7.5	18.7
8 19	22 23.78	−13 50.1	1.463	2.470	3.0	18.4
8 29	22 15.02	−14 49.6	1.467	2.473	2.7	18.4
9 8	22 6.67	−15 40.6	1.497	2.475	7.1	18.7
9 18	21 59.79	−16 18.0	1.551	2.478	11.4	18.9
9 28	21 55.18	−16 39.1	1.628	2.481	15.0	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
144574 2004 FS_{22}			8 25.6 73.°29	0.°1/25.5 18		
	h m	° ′			°	m
7 20	22 41.44	− 8 40.8	1.950	2.797	13.8	21.0
7 30	22 37.13	− 9 5.2	1.882	2.805	10.6	20.8
8 9	22 30.92	− 9 40.3	1.836	2.813	6.8	20.6
8 19	22 23.35	−10 22.1	1.815	2.821	2.7	20.3
8 29	22 15.25	−11 5.9	1.821	2.829	1.5	20.3
9 8	22 7.53	−11 46.3	1.855	2.838	5.6	20.6
9 18	22 1.00	−12 19.3	1.915	2.846	9.3	20.8
9 28	21 56.34	−12 41.7	1.999	2.854	12.5	21.0
359520 2010 RX_{63}			8 25.6 30.°57	3.°5/29.3 18		
7 20	22 37.29	+ 2 47.6	1.934	2.743	15.3	20.1
7 30	22 34.04	+ 2 25.8	1.858	2.748	12.4	19.9
8 9	22 28.98	+ 1 44.3	1.802	2.754	9.0	19.7
8 19	22 22.59	+ 0 44.6	1.770	2.759	5.6	19.5
8 29	22 15.64	− 0 28.9	1.764	2.765	3.5	19.4
9 8	22 8.98	− 1 49.9	1.786	2.771	5.4	19.5
9 18	22 3.41	− 3 11.3	1.833	2.778	8.7	19.7
9 28	21 59.59	− 4 26.7	1.906	2.784	12.0	19.9
376408 2012 FD_{69}			8 25.6 101.°66	2.°0/24.0 18		
7 20	22 43.01	−11 37.7	1.496	2.363	16.2	21.1
7 30	22 38.96	−12 30.2	1.431	2.366	12.3	20.9
8 9	22 32.42	−13 35.1	1.386	2.369	7.8	20.6
8 19	22 24.05	−14 45.8	1.365	2.372	3.2	20.4
8 29	22 14.90	−15 54.0	1.370	2.375	3.2	20.4
9 8	22 6.20	−16 51.5	1.401	2.378	7.7	20.7
9 18	21 59.09	−17 33.0	1.456	2.381	12.1	20.9
9 28	21 54.41	−17 55.7	1.533	2.384	15.9	21.2
504895 2010 XK_{26}			8 25.6 237.°31	3.°7/28.5 17		
7 20	22 43.64	+ 0 33.7	1.741	2.556	16.5	22.0
7 30	22 39.27	+ 0 35.6	1.650	2.546	13.4	21.8
8 9	22 32.61	+ 0 18.6	1.580	2.536	9.7	21.5
8 19	22 24.16	− 0 16.5	1.532	2.525	5.8	21.3
8 29	22 14.80	− 1 6.5	1.511	2.513	3.7	21.1
9 8	22 5.62	− 2 5.6	1.517	2.502	6.2	21.3
9 18	21 57.69	− 3 7.1	1.548	2.489	10.3	21.5
9 28	21 51.91	− 4 4.2	1.603	2.477	14.1	21.7
241843 2001 TY_{10}			8 25.6 322.°29	5.°5/30.7 18		
7 20	22 37.45	+ 6 1.8	1.827	2.624	16.6	20.3
7 30	22 34.43	+ 6 9.3	1.736	2.613	13.8	20.1
8 9	22 29.40	+ 5 54.9	1.665	2.602	10.7	19.9
8 19	22 22.84	+ 5 18.2	1.616	2.592	7.5	19.7
8 29	22 15.50	+ 4 21.3	1.591	2.582	5.5	19.5
9 8	22 8.34	+ 3 9.4	1.592	2.573	6.6	19.6
9 18	22 2.28	+ 1 49.8	1.619	2.564	9.7	19.7
9 28	21 58.11	+ 0 30.2	1.670	2.555	13.0	19.9
364517 2007 EC_{145}			8 25.6 116.°96	1.°0/24.5 18		
7 20	22 40.40	−11 34.1	2.505	3.349	11.2	22.1
7 30	22 35.94	−12 7.4	2.436	3.359	8.5	21.9
8 9	22 29.96	−12 47.5	2.390	3.369	5.4	21.8
8 19	22 22.94	−13 30.6	2.372	3.378	2.1	21.6
8 29	22 15.51	−14 12.6	2.382	3.388	1.8	21.6
9 8	22 8.36	−14 49.6	2.421	3.397	5.0	21.8
9 18	22 2.16	−15 18.5	2.487	3.406	8.0	22.0
9 28	21 57.43	−15 37.3	2.578	3.415	10.7	22.2
433815 2015 BX_{147}			8 25.6 301.°35	3.°1/23.5 18		
7 20	22 42.37	−14 0.3	1.287	2.169	17.4	20.6
7 30	22 39.17	−14 46.3	1.207	2.150	13.4	20.3
8 9	22 33.01	−15 45.2	1.145	2.131	8.7	20.0
8 19	22 24.46	−16 49.7	1.107	2.113	4.0	19.7
8 29	22 14.66	−17 50.4	1.092	2.095	4.5	19.7
9 8	22 5.10	−18 37.7	1.101	2.077	9.5	19.9
9 18	21 57.25	−19 5.4	1.132	2.059	14.6	20.2
9 28	21 52.28	−19 10.6	1.182	2.042	19.0	20.4
245519 2005 SQ_{104}			8 25.6 336.°84	1.°8/24.1 18		
7 20	22 38.75	−12 38.9	1.682	2.552	14.6	20.0
7 30	22 35.57	−13 13.2	1.604	2.541	11.1	19.7
8 9	22 30.20	−13 57.2	1.547	2.530	7.1	19.5
8 19	22 23.18	−14 46.1	1.514	2.521	3.0	19.2
8 29	22 15.38	−15 33.4	1.506	2.511	2.9	19.2
9 8	22 7.87	−16 12.8	1.525	2.503	7.1	19.4
9 18	22 1.64	−16 39.5	1.568	2.495	11.2	19.7
9 28	21 57.53	−16 50.9	1.632	2.488	14.9	19.9
474652 2004 XO_{109}			8 25.6 254.°55	6.°8/31.6 18		
7 20	22 42.34	+ 9 23.4	2.064	2.824	16.1	21.6
7 30	22 38.04	+ 9 55.7	1.963	2.808	13.8	21.4
8 9	22 31.72	+10 8.2	1.881	2.793	11.1	21.2
8 19	22 23.80	+ 9 59.0	1.821	2.776	8.5	21.0
8 29	22 15.03	+ 9 28.0	1.786	2.760	6.9	20.9
9 8	22 6.32	+ 8 38.4	1.777	2.742	7.5	20.9
9 18	21 58.61	+ 7 35.5	1.795	2.725	9.8	21.0
9 28	21 52.72	+ 6 26.3	1.836	2.707	12.8	21.1

79647 Ballack 8 25.6 216°.80 0°.5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.55	− 7 5.5	1.854	2.692	14.8	20.0
7 30	22 39.78	− 7 25.9	1.769	2.686	11.4	19.8
8 9	22 32.83	− 7 59.1	1.706	2.680	7.5	19.5
8 19	22 24.23	− 8 41.8	1.668	2.673	3.2	19.3
8 29	22 14.85	− 9 29.1	1.657	2.665	1.5	19.1
9 8	22 5.72	−10 15.2	1.673	2.657	5.9	19.4
9 18	21 57.84	−10 54.9	1.716	2.649	10.1	19.6
9 28	21 52.03	−11 24.3	1.783	2.640	13.8	19.9

178480 1999 TJ_{29} 8 25.6 336°.67 4°.0/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.39	+ 0 36.0	1.220	2.072	20.0	19.6
7 30	22 35.24	+ 0 31.8	1.145	2.063	16.2	19.3
8 9	22 30.37	+ 0 1.1	1.087	2.054	11.7	19.1
8 19	22 23.36	− 0 54.9	1.050	2.046	6.8	18.8
8 29	22 15.28	− 2 11.2	1.035	2.039	4.0	18.6
9 8	22 7.52	− 3 38.2	1.043	2.033	7.3	18.8
9 18	22 1.38	− 5 5.0	1.074	2.028	12.3	19.0
9 28	21 57.93	− 6 21.6	1.125	2.023	17.0	19.3

15776 1993 KO 8 25.6 94°.34 3°.1/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.82	+ 0 3.9	1.398	2.232	18.9	17.3
7 30	22 39.59	− 0 15.5	1.337	2.245	15.1	17.1
8 9	22 32.82	− 0 58.0	1.295	2.259	10.5	16.9
8 19	22 24.22	− 2 0.7	1.275	2.272	5.8	16.7
8 29	22 14.90	− 3 17.2	1.280	2.285	3.2	16.5
9 8	22 6.12	− 4 38.6	1.310	2.298	6.6	16.8
9 18	21 59.03	− 5 56.1	1.366	2.311	11.0	17.1
9 28	21 54.44	− 7 2.3	1.443	2.323	15.1	17.4

74734 1999 RY_{179} 8 25.6 86°.95 4°.4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.58	−16 55.2	1.416	2.293	16.4	18.3
7 30	22 40.26	−18 7.5	1.361	2.302	12.4	18.1
8 9	22 33.29	−19 27.0	1.328	2.311	8.1	17.9
8 19	22 24.42	−20 44.9	1.318	2.320	4.7	17.7
8 29	22 14.80	−21 51.3	1.334	2.329	5.6	17.8
9 8	22 5.79	−22 38.7	1.375	2.338	9.5	18.1
9 18	21 58.57	−23 3.4	1.439	2.347	13.5	18.3
9 28	21 53.97	−23 5.3	1.523	2.355	16.9	18.6

427677 2004 CY_{60} 8 25.6 223°.52 4°.4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.21	−17 57.2	1.730	2.598	14.3	21.2
7 30	22 39.78	−19 13.3	1.656	2.592	10.9	20.9
8 9	22 32.95	−20 36.5	1.604	2.585	7.3	20.7
8 19	22 24.31	−21 58.7	1.578	2.577	4.6	20.5
8 29	22 14.82	−23 11.1	1.578	2.569	5.6	20.6
9 8	22 5.64	−24 6.3	1.605	2.561	9.0	20.8
9 18	21 57.86	−24 40.2	1.657	2.552	12.7	21.0
9 28	21 52.38	−24 51.8	1.729	2.543	16.0	21.2

95456 2002 CC_{301} 8 25.6 2°.27 1°.3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.91	− 3 1.0	1.928	2.764	14.4	19.2
7 30	22 33.81	− 3 40.4	1.850	2.763	11.2	19.0
8 9	22 28.88	− 4 36.3	1.793	2.763	7.6	18.8
8 19	22 22.60	− 5 45.5	1.761	2.763	3.6	18.6
8 29	22 15.72	− 7 2.5	1.756	2.764	1.6	18.4
9 8	22 9.11	− 8 20.5	1.778	2.765	5.2	18.7
9 18	22 3.57	− 9 33.0	1.827	2.766	9.1	18.9
9 28	21 59.79	−10 34.7	1.899	2.768	12.5	19.1

439495 2014 AS_{11} 8 25.6 218°.92 6°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.70	+ 7 7.0	1.974	2.749	16.2	21.7
7 30	22 38.28	+ 7 32.5	1.884	2.744	13.6	21.6
8 9	22 31.83	+ 7 38.3	1.814	2.739	10.7	21.4
8 19	22 23.83	+ 7 23.2	1.767	2.734	7.8	21.2
8 29	22 15.07	+ 6 48.3	1.745	2.728	6.1	21.1
9 8	22 6.50	+ 5 57.6	1.750	2.722	6.9	21.1
9 18	21 59.04	+ 4 56.8	1.781	2.716	9.6	21.3
9 28	21 53.47	+ 3 52.8	1.836	2.709	12.6	21.4

96260 1995 MW_3 8 25.6 262°.43 4°.3/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.25	−21 42.0	2.492	3.356	10.6	19.8
7 30	22 35.32	−22 52.9	2.415	3.347	8.1	19.6
8 9	22 29.74	−24 5.9	2.363	3.338	5.7	19.4
8 19	22 22.93	−25 15.3	2.338	3.328	4.3	19.3
8 29	22 15.56	−26 15.3	2.341	3.319	5.2	19.4
9 8	22 8.38	−27 1.3	2.371	3.309	7.5	19.5
9 18	22 2.13	−27 30.6	2.427	3.300	10.1	19.7
9 28	21 57.43	−27 42.3	2.505	3.290	12.5	19.8

189410 1993 FO_{51} 8 25.6 295°.10 2°.2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.97	−13 53.1	1.699	2.561	14.8	19.0
7 30	22 39.85	−14 22.2	1.598	2.531	11.4	18.7
8 9	22 33.21	−15 0.6	1.519	2.501	7.4	18.4
8 19	22 24.53	−15 43.4	1.464	2.470	3.3	18.1
8 29	22 14.68	−16 24.0	1.435	2.439	3.3	18.0
9 8	22 4.88	−16 55.8	1.432	2.408	7.8	18.2
9 18	21 56.34	−17 14.1	1.454	2.377	12.3	18.4
9 28	21 50.10	−17 16.0	1.498	2.346	16.4	18.6

369749 2012 FT_{41} 8 25.6 22°.66 2°.3/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.46	−12 31.4	1.083	1.975	19.2	19.5
7 30	22 37.63	−13 9.0	1.035	1.983	14.5	19.3
8 9	22 31.82	−13 59.6	1.005	1.993	9.2	19.0
8 19	22 23.87	−14 55.3	0.996	2.004	3.8	18.8
8 29	22 15.13	−15 46.7	1.010	2.016	3.7	18.8
9 8	22 7.16	−16 25.0	1.047	2.029	8.9	19.1
9 18	22 1.23	−16 45.4	1.105	2.043	13.8	19.5
9 28	21 58.22	−16 45.8	1.182	2.058	18.0	19.8

297024 2010 GB_{32} 8 25.6 74°.34 4°.6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.60	+ 4 42.1	1.846	2.644	16.4	20.5
7 30	22 36.57	+ 4 37.2	1.780	2.659	13.4	20.4
8 9	22 30.61	+ 4 11.3	1.733	2.675	10.0	20.2
8 19	22 23.28	+ 3 25.7	1.709	2.691	6.6	20.0
8 29	22 15.42	+ 2 23.8	1.711	2.706	4.6	19.9
9 8	22 7.95	+ 1 12.0	1.740	2.722	5.9	20.0
9 18	22 1.71	− 0 3.0	1.795	2.737	9.0	20.3
9 28	21 57.37	− 1 14.2	1.874	2.752	12.2	20.5

92941 2000 RP_{34} 8 25.6 232°.55 2°.0/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.41	− 4 9.4	1.947	2.773	14.6	19.6
7 30	22 39.59	− 4 6.3	1.859	2.765	11.6	19.4
8 9	22 32.68	− 4 16.2	1.791	2.757	7.9	19.1
8 19	22 24.19	− 4 37.4	1.749	2.749	4.1	18.9
8 29	22 14.93	− 5 6.6	1.733	2.740	2.1	18.7
9 8	22 5.90	− 5 39.4	1.746	2.731	5.5	18.9
9 18	21 58.03	− 6 11.1	1.785	2.722	9.5	19.2
9 28	21 52.12	− 6 37.4	1.848	2.712	13.0	19.4

275809 2001 QY_{297} 8 25.6 82°.69 0°.0/25.2 14 CR

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 20.58	−11 29.2	43.181	44.014	0.8	21.9
7 30	22 19.98	−11 32.9	43.099	44.017	0.6	21.9
8 9	22 19.31	−11 36.8	43.043	44.019	0.4	21.9
8 19	22 18.59	−11 40.9	43.015	44.021	0.1	21.8
8 29	22 17.86	−11 45.1	43.016	44.023	0.1	21.8
9 8	22 17.14	−11 49.2	43.046	44.025	0.3	21.9
9 18	22 16.45	−11 53.0	43.105	44.028	0.5	21.9
9 28	22 15.83	−11 56.4	43.191	44.030	0.7	21.9

314550 2005 YA_{125} 8 25.6 138°.21 2°.1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.42	−15 30.4	2.606	3.457	10.6	21.4
7 30	22 35.96	−16 12.9	2.537	3.464	8.0	21.3
8 9	22 30.00	−16 59.7	2.491	3.471	5.1	21.1
8 19	22 23.00	−17 46.7	2.473	3.477	2.5	20.9
8 29	22 15.59	−18 29.6	2.484	3.483	2.8	21.0
9 8	22 8.44	−19 4.5	2.523	3.489	5.5	21.2
9 18	22 2.21	−19 28.8	2.589	3.495	8.3	21.4
9 28	21 57.42	−19 41.1	2.680	3.500	10.8	21.5

41249 1999 XJ_{40} 8 25.6 7°.08 1°.1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.25	− 6 23.9	1.532	2.386	16.6	18.7
7 30	22 37.56	− 6 30.9	1.461	2.386	12.9	18.5
8 9	22 31.52	− 6 52.6	1.411	2.387	8.6	18.2
8 19	22 23.73	− 7 25.7	1.384	2.388	3.8	18.0
8 29	22 15.20	− 8 5.4	1.382	2.390	1.7	17.8
9 8	22 7.07	− 8 45.1	1.405	2.393	6.3	18.1
9 18	22 0.40	− 9 19.4	1.454	2.395	10.8	18.4
9 28	21 56.03	− 9 43.7	1.524	2.399	14.7	18.6

448598 2010 TT_{143} 8 25.6 245°.00 0°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.02	− 8 25.7	2.446	3.280	11.8	22.5
7 30	22 36.59	− 8 41.0	2.355	3.271	9.1	22.3
8 9	22 30.52	− 9 5.1	2.288	3.262	5.9	22.1
8 19	22 23.26	− 9 35.2	2.247	3.253	2.5	21.9
8 29	22 15.44	−10 7.8	2.235	3.243	1.2	21.8
9 8	22 7.80	−10 39.2	2.251	3.234	4.7	22.0
9 18	22 1.05	−11 5.7	2.295	3.224	8.1	22.2
9 28	21 55.82	−11 24.8	2.364	3.214	11.0	22.4

328089 2007 YE_{63} 8 25.6 124°.48 1°.5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.30	−11 46.8	1.642	2.498	15.5	21.6
7 30	22 41.19	−12 24.6	1.580	2.509	11.8	21.4
8 9	22 33.72	−13 12.2	1.539	2.520	7.5	21.2
8 19	22 24.58	−14 4.3	1.523	2.530	3.0	20.9
8 29	22 14.79	−14 53.9	1.534	2.539	2.7	20.9
9 8	22 5.53	−15 34.9	1.571	2.549	7.0	21.2
9 18	21 57.81	−16 2.8	1.634	2.557	11.1	21.5
9 28	21 52.44	−16 15.8	1.719	2.566	14.7	21.7

344998 2005 AM_{70} 8 25.6 245°.19 6°.8/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.74	−28 37.9	2.196	3.054	12.1	21.2
7 30	22 41.42	−29 49.5	2.118	3.038	9.7	21.0
8 9	22 33.89	−30 58.6	2.063	3.021	7.6	20.8
8 19	22 24.69	−31 57.6	2.034	3.003	6.8	20.7
8 29	22 14.70	−32 39.5	2.032	2.985	7.8	20.8
9 8	22 4.96	−32 59.8	2.056	2.967	10.0	20.9
9 18	21 56.47	−32 57.0	2.104	2.947	12.6	21.0
9 28	21 50.06	−32 32.2	2.173	2.928	15.0	21.2

109567 2001 QB_{267} 8 25.6 353°.28 3°.6/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 29.51	+ 0 54.6	1.005	1.882	21.5	18.5
7 30	22 29.55	+ 0 31.3	0.939	1.872	17.4	18.2
8 9	22 26.85	− 0 25.1	0.888	1.863	12.4	17.9
8 19	22 21.99	− 1 52.7	0.857	1.857	7.0	17.6
8 29	22 16.09	− 3 43.4	0.846	1.853	3.6	17.4
9 8	22 10.59	− 5 43.3	0.857	1.850	7.5	17.6
9 18	22 6.83	− 7 37.8	0.888	1.850	13.0	17.9
9 28	22 5.84	− 9 14.1	0.939	1.852	18.0	18.2

312791 2010 VT_{164} 8 25.6 280°.19 0°.5/26.5 16

7 20	22 33.35	− 6 35.0	4.368	5.187	7.3	21.3
7 30	22 30.09	− 6 50.2	4.274	5.180	5.6	21.2
8 9	22 26.02	− 7 10.9	4.206	5.174	3.7	21.0
8 19	22 21.37	− 7 35.6	4.164	5.168	1.7	20.9
8 29	22 16.46	− 8 2.7	4.153	5.161	0.7	20.8
9 8	22 11.65	− 8 30.0	4.171	5.155	2.7	20.9
9 18	22 7.28	− 8 55.6	4.218	5.148	4.7	21.1
9 28	22 3.66	− 9 17.8	4.293	5.142	6.5	21.2

369041 2008 BV_{22} 8 25.6 223°.64 0°.1/25.6 17

7 20	22 47.11	− 9 41.1	1.563	2.415	16.4	21.4
7 30	22 42.08	− 9 44.6	1.487	2.413	12.6	21.1
8 9	22 34.49	− 9 59.1	1.432	2.410	8.3	20.9
8 19	22 24.97	−10 21.0	1.400	2.406	3.4	20.6
8 29	22 14.59	−10 45.2	1.395	2.403	1.7	20.4
9 8	22 4.61	−11 6.3	1.416	2.400	6.8	20.8
9 18	21 56.21	−11 20.0	1.462	2.396	11.4	21.0
9 28	21 50.29	−11 23.3	1.531	2.392	15.4	21.3

507191 2010 RG_{139} 8 25.6 329°.41 3°.1/27.7 17

7 20	22 37.09	− 2 4.6	1.116	1.984	20.4	21.1
7 30	22 35.32	− 2 7.6	1.039	1.969	16.4	20.8
8 9	22 30.63	− 2 35.8	0.979	1.955	11.5	20.5
8 19	22 23.57	− 3 27.8	0.939	1.941	6.2	20.2
8 29	22 15.26	− 4 38.0	0.921	1.929	3.2	20.0
9 8	22 7.23	− 5 56.3	0.926	1.917	7.7	20.2
9 18	22 0.93	− 7 11.8	0.952	1.907	13.3	20.5
9 28	21 57.55	− 8 14.8	0.997	1.898	18.4	20.7

488061 2015 UR_{59} 8 25.6 336°.21 3°.5/22.2 17

7 20	22 36.38	−15 41.4	1.739	2.617	13.8	20.7
7 30	22 33.79	−16 50.0	1.660	2.602	10.4	20.4
8 9	22 29.09	−18 7.7	1.604	2.589	6.8	20.2
8 19	22 22.79	−19 27.8	1.572	2.576	3.8	20.0
8 29	22 15.71	−20 42.0	1.567	2.564	4.7	20.0
9 8	22 8.88	−21 43.0	1.587	2.552	8.2	20.2
9 18	22 3.25	−22 25.6	1.631	2.542	12.0	20.4
9 28	21 59.64	−22 47.3	1.697	2.532	15.3	20.6

383197 2005 YL_{29} 8 25.6 197°.04 3°.8/21.9 18

7 20	22 42.99	−17 18.6	1.896	2.761	13.4	21.4
7 30	22 38.58	−18 29.2	1.825	2.759	10.2	21.2
8 9	22 32.05	−19 45.9	1.777	2.758	6.7	21.0
8 19	22 23.95	−21 2.0	1.755	2.755	4.0	20.8
8 29	22 15.14	−22 9.7	1.760	2.753	4.8	20.8
9 8	22 6.66	−23 2.6	1.792	2.750	8.1	21.0
9 18	21 59.45	−23 36.9	1.850	2.747	11.5	21.2
9 28	21 54.29	−23 51.5	1.929	2.743	14.6	21.4

353189 Iasus 8 25.6 289°.79 1°.3/27.8 16

7 20	22 34.98	− 3 2.4	4.301	5.101	7.7	20.4
7 30	22 31.34	− 3 0.1	4.198	5.089	6.0	20.2
8 9	22 26.84	− 3 4.2	4.120	5.077	4.2	20.1
8 19	22 21.72	− 3 13.7	4.069	5.064	2.3	19.9
8 29	22 16.31	− 3 27.3	4.048	5.052	1.4	19.8
9 8	22 10.99	− 3 43.3	4.057	5.040	2.8	19.9
9 18	22 6.10	− 3 59.9	4.094	5.028	4.7	20.1
9 28	22 1.99	− 4 15.3	4.159	5.015	6.5	20.2

254355 2004 TT_{60} 8 25.6 254°.93 0°.7/26.4 18

7 20	22 39.17	− 5 43.3	2.609	3.435	11.4	21.1
7 30	22 35.15	− 6 10.4	2.509	3.419	8.8	20.9
8 9	22 29.61	− 6 48.2	2.433	3.403	5.9	20.7
8 19	22 22.92	− 7 34.4	2.383	3.386	2.6	20.4
8 29	22 15.67	− 8 25.3	2.361	3.369	1.1	20.3
9 8	22 8.53	− 9 16.7	2.369	3.352	4.4	20.5
9 18	22 2.16	−10 4.3	2.404	3.335	7.7	20.7
9 28	21 57.15	−10 44.8	2.465	3.317	10.6	20.8

464991 2006 BQ_{118} 8 25.6 111°.93 1°.6/26.7 16

7 20	22 48.40	− 5 35.7	1.446	2.289	17.9	21.8
7 30	22 43.04	− 5 36.0	1.383	2.301	14.0	21.6
8 9	22 35.04	− 5 51.8	1.341	2.313	9.4	21.4
8 19	22 25.17	− 6 20.0	1.322	2.325	4.4	21.1
8 29	22 14.56	− 6 55.6	1.328	2.336	2.0	21.0
9 8	22 4.56	− 7 32.1	1.361	2.347	6.6	21.3
9 18	21 56.32	− 8 3.9	1.419	2.358	11.2	21.6
9 28	21 50.70	− 8 26.6	1.499	2.368	15.2	21.9

210536 1999 HY_6 8 25.6 251°.92 5°.3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 47.68	−20 18.2	1.404	2.281	16.5	20.3
7 30	22 42.88	−21 10.1	1.339	2.278	12.7	20.1
8 9	22 35.18	−22 5.6	1.294	2.275	8.6	19.8
8 19	22 25.29	−22 56.2	1.273	2.271	5.6	19.7
8 29	22 14.48	−23 32.6	1.276	2.268	6.5	19.7
9 8	22 4.22	−23 48.5	1.305	2.264	10.2	19.9
9 18	21 55.84	−23 41.6	1.356	2.261	14.3	20.1
9 28	21 50.33	−23 13.0	1.427	2.257	18.0	20.4

120843 1998 KM_{57} 8 25.6 129°.00 2°.0/23.7 18

7 20	22 44.05	−13 22.4	2.081	2.931	12.9	19.8
7 30	22 39.03	−14 12.5	2.018	2.945	9.7	19.6
8 9	22 32.13	−15 9.6	1.978	2.958	6.2	19.4
8 19	22 23.93	−16 8.6	1.965	2.970	2.7	19.2
8 29	22 15.22	−17 3.6	1.980	2.982	2.9	19.3
9 8	22 6.92	−17 49.3	2.023	2.994	6.3	19.5
9 18	21 59.82	−18 22.4	2.093	3.005	9.7	19.7
9 28	21 54.58	−18 41.0	2.186	3.015	12.6	19.9

146878 2002 CN_1 8 25.6 255°.75 5°.5/19.9 18

7 20	22 42.57	−24 54.3	2.178	3.044	11.9	20.1
7 30	22 38.07	−25 57.4	2.110	3.040	9.2	20.0
8 9	22 31.62	−26 59.7	2.067	3.036	6.8	19.8
8 19	22 23.76	−27 54.6	2.049	3.032	5.5	19.7
8 29	22 15.30	−28 36.0	2.058	3.029	6.4	19.8
9 8	22 7.18	−28 59.6	2.094	3.025	8.8	19.9
9 18	22 0.24	−29 3.7	2.153	3.021	11.4	20.1
9 28	21 55.18	−28 48.8	2.235	3.017	13.9	20.2

369522 2010 VW_{217} 8 25.6 92°.95 7°.8/31.9 17

7 20	22 44.64	+ 9 7.4	1.535	2.317	19.8	20.4
7 30	22 40.15	+ 9 47.7	1.468	2.329	16.8	20.3
8 9	22 33.21	+10 2.2	1.419	2.340	13.3	20.1
8 19	22 24.47	+ 9 49.0	1.390	2.351	10.0	19.9
8 29	22 14.95	+ 9 9.2	1.385	2.363	8.0	19.8
9 8	22 5.88	+ 8 8.4	1.404	2.374	8.6	19.9
9 18	21 58.36	+ 6 54.5	1.448	2.385	11.2	20.1
9 28	21 53.24	+ 5 37.1	1.514	2.395	14.4	20.3

400871 2010 OC_{44} 8 25.6 338°.20 6°.6/21.3 18

7 20	22 44.59	−25 38.0	1.544	2.424	15.1	19.6
7 30	22 40.43	−26 8.9	1.470	2.407	11.9	19.4
8 9	22 33.56	−26 37.0	1.417	2.392	8.7	19.1
8 19	22 24.65	−26 54.4	1.387	2.377	6.7	19.0
8 29	22 14.85	−26 54.0	1.382	2.363	7.6	19.0
9 8	22 5.51	−26 31.5	1.401	2.351	10.6	19.2
9 18	21 57.88	−25 46.5	1.442	2.339	14.2	19.3
9 28	21 52.88	−24 41.3	1.504	2.329	17.5	19.5

105966 2000 SN_{259} 8 25.6 302°.49 2°.8/27.8 18

7 20	22 40.05	− 1 45.6	1.593	2.431	16.8	19.6
7 30	22 36.82	− 1 49.5	1.500	2.412	13.5	19.4
8 9	22 31.23	− 2 12.2	1.428	2.394	9.5	19.1
8 19	22 23.75	− 2 52.7	1.377	2.376	5.2	18.8
8 29	22 15.27	− 3 46.9	1.352	2.358	2.9	18.6
9 8	22 6.92	− 4 48.4	1.352	2.340	6.4	18.8
9 18	21 59.84	− 5 49.7	1.377	2.323	10.9	19.0
9 28	21 54.99	− 6 43.8	1.425	2.306	15.1	19.2

449625 2014 KP_3 8 25.6 29°.05 8°.1/ 3.1 16

7 20	22 38.18	+13 23.0	1.892	2.642	17.6	20.5
7 30	22 34.87	+13 52.7	1.817	2.649	15.3	20.4
8 9	22 29.63	+13 57.7	1.761	2.656	12.6	20.2
8 19	22 22.98	+13 36.2	1.724	2.664	10.1	20.1
8 29	22 15.71	+12 49.0	1.711	2.672	8.3	20.0
9 8	22 8.74	+11 40.6	1.723	2.681	8.3	20.0
9 18	22 2.91	+10 17.7	1.759	2.690	10.0	20.1
9 28	21 58.94	+ 8 48.8	1.820	2.700	12.4	20.3

451359 2010 XJ_7 8 25.6 335°.01 3°.9/29.6 17

7 20	22 36.90	+ 3 12.1	1.981	2.788	15.1	21.5
7 30	22 33.85	+ 3 3.6	1.893	2.781	12.3	21.3
8 9	22 28.98	+ 2 35.8	1.826	2.774	9.1	21.1
8 19	22 22.74	+ 1 49.6	1.782	2.768	5.9	20.9
8 29	22 15.84	+ 0 48.2	1.763	2.762	3.9	20.8
9 8	22 9.15	− 0 23.0	1.771	2.756	5.5	20.9
9 18	22 3.47	− 1 37.5	1.806	2.751	8.8	21.1
9 28	21 59.51	− 2 48.5	1.865	2.746	12.1	21.3

100453 1996 SA_4 8 25.6 348°.69 2°.6/24.5 18

7 20	22 44.09	−16 15.4	0.980	1.879	20.1	18.5
7 30	22 41.06	−16 0.9	0.917	1.869	15.5	18.2
8 9	22 34.49	−15 51.7	0.871	1.860	10.1	17.9
8 19	22 25.17	−15 42.2	0.845	1.853	4.4	17.6
8 29	22 14.62	−15 25.8	0.841	1.847	3.9	17.5
9 8	22 4.74	−14 57.7	0.858	1.843	9.6	17.8
9 18	21 57.19	−14 16.0	0.895	1.841	15.3	18.1
9 28	21 53.14	−13 21.1	0.951	1.840	20.1	18.4

479590 2014 CN_{22} 8 25.6 254.°42 3.°0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 45.17	− 2 10.2	1.929	2.746	15.1	21.4
7 30	22 40.28	− 1 50.8	1.835	2.734	12.1	21.1
8 9	22 33.23	− 1 44.9	1.761	2.721	8.6	20.9
8 19	22 24.51	− 1 51.9	1.713	2.708	4.9	20.6
8 29	22 14.94	− 2 9.5	1.691	2.694	3.1	20.5
9 8	22 5.53	− 2 34.0	1.696	2.680	5.8	20.6
9 18	21 57.26	− 3 0.9	1.728	2.666	9.6	20.8
9 28	21 50.99	− 3 25.5	1.784	2.652	13.2	21.0

180151 2003 GS_{16} 8 25.6 74.°55 3.°1/22.5 18

7 20	22 41.18	−16 40.0	2.031	2.895	12.7	19.9
7 30	22 36.92	−17 40.3	1.974	2.908	9.5	19.7
8 9	22 30.82	−18 45.4	1.941	2.922	6.2	19.5
8 19	22 23.43	−19 49.2	1.934	2.936	3.4	19.4
8 29	22 15.56	−20 45.6	1.954	2.950	4.1	19.5
9 8	22 8.10	−21 29.4	2.002	2.964	7.1	19.7
9 18	22 1.84	−21 57.7	2.075	2.977	10.2	19.9
9 28	21 57.42	−22 9.3	2.171	2.991	13.0	20.1

510072 2010 JL_{83} 8 25.6 77.°40 4.°5/21.1 17

7 20	22 41.79	−18 37.0	1.823	2.694	13.6	20.4
7 30	22 37.61	−20 6.8	1.774	2.711	10.2	20.3
8 9	22 31.36	−21 40.7	1.748	2.728	6.8	20.1
8 19	22 23.67	−23 10.6	1.748	2.744	4.6	20.0
8 29	22 15.44	−24 28.2	1.774	2.761	5.6	20.1
9 8	22 7.69	−25 27.4	1.828	2.777	8.6	20.3
9 18	22 1.30	−26 5.1	1.906	2.794	11.7	20.5
9 28	21 56.96	−26 21.2	2.005	2.810	14.4	20.8

227626 2006 BG_{62} 8 25.6 105.°56 6.°4/19.4 17

7 20	22 45.60	−25 25.8	1.912	2.779	13.2	20.7
7 30	22 40.48	−26 53.7	1.867	2.796	10.3	20.5
8 9	22 33.19	−28 19.3	1.846	2.813	7.7	20.4
8 19	22 24.40	−29 34.2	1.850	2.829	6.4	20.4
8 29	22 15.08	−30 31.1	1.881	2.845	7.5	20.5
9 8	22 6.31	−31 5.5	1.938	2.861	9.9	20.7
9 18	21 59.01	−31 16.4	2.019	2.876	12.5	20.9
9 28	21 53.89	−31 5.2	2.120	2.891	14.9	21.1

365678 2010 VY_{85} 8 25.6 325.°88 2.°5/27.8 17

7 20	22 38.34	− 2 22.0	1.841	2.675	15.0	20.8
7 30	22 35.15	− 2 21.7	1.750	2.660	12.0	20.6
8 9	22 29.94	− 2 36.9	1.679	2.645	8.4	20.3
8 19	22 23.18	− 3 6.4	1.632	2.630	4.6	20.1
8 29	22 15.64	− 3 46.7	1.611	2.616	2.6	19.9
9 8	22 8.27	− 4 32.8	1.615	2.603	5.6	20.1
9 18	22 1.99	− 5 19.0	1.646	2.590	9.6	20.3
9 28	21 57.61	− 5 59.9	1.699	2.578	13.2	20.5

36877 2000 SX_{152} 8 25.6 312.°34 0.°1/25.6 18

7 20	22 42.13	− 8 29.2	1.621	2.476	15.7	18.9
7 30	22 38.23	− 8 50.2	1.543	2.471	12.1	18.6
8 9	22 32.01	− 9 24.3	1.487	2.466	7.9	18.4
8 19	22 24.03	−10 7.7	1.454	2.460	3.2	18.1
8 29	22 15.23	−10 54.5	1.447	2.455	1.7	18.0
9 8	22 6.76	−11 38.2	1.466	2.451	6.5	18.3
9 18	21 59.67	−12 13.5	1.510	2.446	10.9	18.5
9 28	21 54.83	−12 36.4	1.577	2.442	14.8	18.8

358807 2008 ED_{80} 8 25.6 118.°02 1.°4/24.2 18

7 20	22 40.65	−12 3.1	2.278	3.127	12.0	21.2
7 30	22 36.35	−12 46.6	2.209	3.135	9.1	21.0
8 9	22 30.39	−13 37.7	2.163	3.143	5.7	20.8
8 19	22 23.26	−14 31.9	2.144	3.150	2.4	20.6
8 29	22 15.65	−15 24.3	2.153	3.157	2.2	20.6
9 8	22 8.35	−16 10.0	2.190	3.164	5.6	20.9
9 18	22 2.06	−16 45.5	2.254	3.171	8.8	21.1
9 28	21 57.39	−17 8.6	2.342	3.178	11.6	21.3

284785 2008 YP_{40} 8 25.6 335.°55 4.°4/22.0 18

7 20	22 40.10	−17 42.6	1.537	2.418	15.1	19.9
7 30	22 36.89	−18 45.3	1.466	2.409	11.5	19.6
8 9	22 31.24	−19 55.0	1.418	2.401	7.6	19.4
8 19	22 23.74	−21 4.1	1.393	2.394	4.6	19.2
8 29	22 15.39	−22 3.7	1.393	2.387	5.5	19.3
9 8	22 7.41	−22 46.5	1.418	2.381	9.2	19.5
9 18	22 0.92	−23 8.4	1.466	2.375	13.2	19.7
9 28	21 56.79	−23 8.2	1.534	2.370	16.7	19.9

422713 2000 TO_{13} 8 25.6 342.°53 2.°1/26.9 17

7 20	22 35.53	− 4 46.9	0.986	1.874	21.0	20.3
7 30	22 34.40	− 4 46.8	0.918	1.860	16.6	20.0
8 9	22 30.18	− 5 10.0	0.865	1.848	11.4	19.6
8 19	22 23.47	− 5 54.2	0.832	1.837	5.5	19.3
8 29	22 15.50	− 6 52.9	0.819	1.828	2.5	19.0
9 8	22 7.92	− 7 55.6	0.827	1.820	8.1	19.4
9 18	22 2.25	− 8 52.0	0.856	1.814	14.0	19.7
9 28	21 59.70	− 9 33.5	0.903	1.809	19.2	19.9

40764 Gerhardiser 8 25.6 349.°26 1.°0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 38.78	− 5 54.1	1.866	2.711	14.4	19.3
7 30	22 35.36	− 6 9.2	1.787	2.706	11.2	19.1
8 9	22 29.98	− 6 37.5	1.729	2.703	7.5	18.9
8 19	22 23.17	− 7 16.2	1.695	2.700	3.4	18.6
8 29	22 15.70	− 8 0.9	1.688	2.697	1.5	18.5
9 8	22 8.51	− 8 46.0	1.708	2.695	5.5	18.8
9 18	22 2.46	− 9 26.4	1.754	2.693	9.4	19.0
9 28	21 58.28	− 9 58.0	1.822	2.692	12.9	19.2

255082 2005 UD_{39} 8 25.6 221.°85 2.°2/23.2 18

7 20	22 41.04	−15 42.9	2.494	3.346	11.0	20.8
7 30	22 36.62	−16 24.3	2.412	3.340	8.3	20.6
8 9	22 30.58	−17 10.5	2.355	3.335	5.4	20.4
8 19	22 23.36	−17 57.3	2.325	3.329	2.7	20.2
8 29	22 15.62	−18 40.1	2.323	3.322	3.0	20.2
9 8	22 8.09	−19 14.5	2.350	3.316	5.9	20.4
9 18	22 1.48	−19 37.9	2.403	3.309	8.8	20.6
9 28	21 56.40	−19 48.5	2.481	3.302	11.5	20.8

313933 2004 RH_{95} 8 25.6 358.°87 1.°9/27.4 18

7 20	22 37.99	− 3 5.0	1.800	2.638	15.1	20.3
7 30	22 34.81	− 3 18.3	1.723	2.636	11.9	20.1
8 9	22 29.65	− 3 47.4	1.666	2.635	8.2	19.9
8 19	22 23.04	− 4 30.1	1.634	2.634	4.2	19.6
8 29	22 15.78	− 5 22.0	1.627	2.634	2.1	19.5
9 8	22 8.81	− 6 17.0	1.647	2.635	5.5	19.7
9 18	22 3.01	− 7 9.3	1.693	2.636	9.4	20.0
9 28	21 59.10	− 7 53.7	1.762	2.638	12.9	20.2

424108 2007 EB_{72} 8 25.6 94.°89 2.°4/23.7 15

7 20	22 46.56	−14 33.6	1.742	2.600	14.7	22.1
7 30	22 41.20	−15 13.3	1.689	2.619	11.1	21.9
8 9	22 33.64	−15 59.5	1.657	2.638	7.0	21.7
8 19	22 24.60	−16 46.4	1.651	2.656	3.2	21.5
8 29	22 15.04	−17 27.5	1.671	2.674	3.4	21.6
9 8	22 6.08	−17 57.6	1.719	2.691	7.1	21.8
9 18	21 58.64	−18 13.9	1.793	2.709	10.8	22.1
9 28	21 53.42	−18 15.3	1.889	2.725	14.0	22.4

431326 2006 WH_{155} 8 25.6 167.°19 2.°1/23.9 17

7 20	22 45.55	−13 18.8	1.852	2.706	14.1	22.2
7 30	22 40.51	−14 4.5	1.781	2.710	10.7	22.0
8 9	22 33.30	−14 58.6	1.733	2.713	6.8	21.8
8 19	22 24.51	−15 55.4	1.710	2.716	3.0	21.5
8 29	22 15.05	−16 48.6	1.715	2.718	3.1	21.6
9 8	22 5.98	−17 32.0	1.748	2.720	6.9	21.8
9 18	21 58.25	−18 1.8	1.806	2.721	10.7	22.0
9 28	21 52.63	−18 16.1	1.887	2.722	14.0	22.3

353526 2011 SO_{136} 8 25.6 339.°11 0.°6/26.1 18

7 20	22 41.10	− 7 37.1	1.663	2.516	15.5	20.7
7 30	22 37.39	− 7 44.7	1.585	2.510	12.0	20.4
8 9	22 31.44	− 8 4.9	1.528	2.505	7.9	20.2
8 19	22 23.81	− 8 34.8	1.494	2.499	3.4	19.9
8 29	22 15.40	− 9 9.5	1.486	2.495	1.5	19.7
9 8	22 7.31	− 9 43.5	1.504	2.490	6.1	20.0
9 18	22 0.55	−10 11.7	1.547	2.486	10.5	20.3
9 28	21 55.93	−10 30.2	1.613	2.483	14.3	20.5

246408 2007 UR_{113} 8 25.6 75.°14 1.°9/27.3 18

7 20	22 42.07	− 3 39.4	1.886	2.717	14.9	21.1
7 30	22 37.75	− 3 45.0	1.814	2.723	11.7	20.9
8 9	22 31.47	− 4 4.7	1.762	2.729	8.0	20.7
8 19	22 23.76	− 4 36.4	1.735	2.735	4.1	20.5
8 29	22 15.46	− 5 16.0	1.735	2.742	2.0	20.3
9 8	22 7.50	− 5 58.4	1.761	2.748	5.3	20.6
9 18	22 0.76	− 6 38.5	1.815	2.754	9.1	20.8
9 28	21 55.93	− 7 12.0	1.892	2.760	12.5	21.0

397020 2005 TW_{134} 8 25.6 56.°25 5.°8/21.1 18

7 20	22 47.16	−25 43.8	1.878	2.743	13.5	20.3
7 30	22 41.60	−26 24.1	1.829	2.758	10.5	20.2
8 9	22 33.86	−27 0.8	1.803	2.773	7.6	20.0
8 19	22 24.67	−27 27.4	1.802	2.788	5.9	20.0
8 29	22 15.05	−27 38.4	1.828	2.803	6.6	20.0
9 8	22 6.07	−27 30.9	1.879	2.819	9.1	20.2
9 18	21 58.67	−27 4.9	1.955	2.835	11.9	20.4
9 28	21 53.48	−26 22.2	2.053	2.850	14.4	20.6

393588 2003 SS_{355} 8 25.6 277.°17 2.°6/23.4 18

7 20	22 43.91	−15 27.7	1.899	2.759	13.6	21.4
7 30	22 39.48	−16 4.9	1.807	2.738	10.4	21.1
8 9	22 32.82	−16 49.1	1.737	2.718	6.8	20.9
8 19	22 24.41	−17 35.3	1.692	2.696	3.3	20.6
8 29	22 15.10	−18 17.1	1.674	2.675	3.6	20.6
9 8	22 5.96	−18 48.8	1.684	2.654	7.4	20.8
9 18	21 58.01	−19 6.5	1.718	2.632	11.3	21.0
9 28	21 52.12	−19 8.2	1.776	2.610	14.8	21.2

172310 2002 TL_{273} 8 25.7 310°.82 2°.2/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.13	− 2 59.4	1.770	2.606	15.5	20.5
7 30	22 36.59	− 3 4.1	1.683	2.594	12.3	20.2
8 9	22 30.93	− 3 24.8	1.616	2.583	8.5	20.0
8 19	22 23.63	− 3 59.7	1.572	2.572	4.5	19.7
8 29	22 15.53	− 4 44.9	1.555	2.561	2.3	19.6
9 8	22 7.63	− 5 34.8	1.564	2.551	5.7	19.8
9 18	22 0.91	− 6 23.4	1.598	2.541	9.9	20.0
9 28	21 56.20	− 7 5.1	1.656	2.531	13.7	20.2

219099 1998 SP_{8} 8 25.7 300°.69 0°.2/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.12	− 8 31.0	1.451	2.313	16.9	20.8
7 30	22 38.63	− 8 52.8	1.368	2.299	13.1	20.6
8 9	22 32.52	− 9 29.6	1.305	2.285	8.6	20.3
8 19	22 24.36	−10 17.3	1.265	2.272	3.5	19.9
8 29	22 15.16	−11 9.6	1.250	2.258	1.9	19.8
9 8	22 6.21	−11 58.8	1.260	2.245	7.2	20.1
9 18	21 58.74	−12 38.3	1.294	2.232	12.1	20.3
9 28	21 53.78	−13 3.4	1.349	2.220	16.5	20.6

91213 Botchan 8 25.7 333°.01 1°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.03	− 8 49.2	1.010	1.905	20.0	19.2
7 30	22 34.82	− 9 37.1	0.940	1.890	15.4	18.9
8 9	22 30.50	−10 47.8	0.887	1.876	10.0	18.6
8 19	22 23.65	−12 14.7	0.854	1.863	4.0	18.2
8 29	22 15.51	−13 46.5	0.843	1.851	3.1	18.1
9 8	22 7.72	−15 9.9	0.854	1.840	9.4	18.4
9 18	22 1.84	−16 13.9	0.885	1.831	15.3	18.7
9 28	21 59.10	−16 52.2	0.933	1.823	20.3	19.0

6415 1993 VR_{3} 8 25.7 262°.99 0°.7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.52	− 6 41.4	2.468	3.297	11.8	17.9
7 30	22 36.28	− 6 53.4	2.374	3.285	9.2	17.7
8 9	22 30.41	− 7 15.0	2.302	3.272	6.1	17.5
8 19	22 23.35	− 7 44.0	2.256	3.260	2.7	17.2
8 29	22 15.71	− 8 17.2	2.238	3.247	1.2	17.1
9 8	22 8.22	− 8 50.8	2.250	3.234	4.6	17.3
9 18	22 1.58	− 9 21.0	2.288	3.221	7.9	17.5
9 28	21 56.41	− 9 44.8	2.352	3.207	10.9	17.7

304617 2006 VW_{106} 8 25.7 13°.46 4°.6/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.52	−19 48.0	1.919	2.791	13.0	20.0
7 30	22 36.72	−21 2.7	1.855	2.792	9.9	19.8
8 9	22 30.88	−22 21.2	1.814	2.792	6.7	19.6
8 19	22 23.57	−23 36.3	1.798	2.793	4.6	19.5
8 29	22 15.62	−24 40.5	1.809	2.795	5.6	19.6
9 8	22 8.02	−25 28.0	1.846	2.796	8.5	19.7
9 18	22 1.66	−25 55.7	1.908	2.797	11.6	19.9
9 28	21 57.27	−26 3.0	1.992	2.799	14.4	20.1

518204 2016 PD_{98} 8 25.7 12°.77 3°.4/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.47	− 1 38.1	1.419	2.264	18.1	20.8
7 30	22 37.16	− 1 26.7	1.352	2.266	14.5	20.5
8 9	22 31.41	− 1 34.6	1.303	2.269	10.2	20.3
8 19	22 23.84	− 2 0.4	1.276	2.273	5.8	20.1
8 29	22 15.48	− 2 39.9	1.273	2.278	3.4	19.9
9 8	22 7.55	− 3 26.8	1.295	2.283	6.5	20.2
9 18	22 1.16	− 4 14.0	1.341	2.289	10.9	20.4
9 28	21 57.15	− 4 55.1	1.409	2.296	14.9	20.7

97489 2000 CQ_{76} 8 25.7 244°.45 0°.8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.01	−11 3.7	2.716	3.555	10.6	19.9
7 30	22 35.75	−11 33.9	2.622	3.543	8.1	19.7
8 9	22 30.01	−12 11.1	2.553	3.530	5.2	19.5
8 19	22 23.17	−12 52.3	2.510	3.517	2.1	19.3
8 29	22 15.81	−13 33.8	2.497	3.503	1.6	19.2
9 8	22 8.60	−14 11.6	2.512	3.490	4.7	19.4
9 18	22 2.16	−14 42.5	2.556	3.476	7.8	19.6
9 28	21 57.07	−15 4.1	2.624	3.462	10.5	19.8

76238 2000 EU_{81} 8 25.7 213°.86 1°.9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.08	−13 17.8	2.047	2.902	12.9	19.3
7 30	22 37.74	−14 1.3	1.970	2.899	9.8	19.1
8 9	22 31.48	−14 52.7	1.916	2.896	6.3	18.9
8 19	22 23.81	−15 47.1	1.887	2.893	2.7	18.7
8 29	22 15.50	−16 38.7	1.887	2.890	2.8	18.7
9 8	22 7.48	−17 22.1	1.914	2.887	6.4	18.9
9 18	22 0.58	−17 53.4	1.967	2.883	9.9	19.1
9 28	21 55.52	−18 10.5	2.043	2.879	13.1	19.3

306207 2011 QV_{16} 8 25.7 10°.72 1°.3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 34.31	− 3 24.8	1.240	2.110	18.7	19.7
7 30	22 32.71	− 4 6.6	1.181	2.114	14.6	19.5
8 9	22 28.63	− 5 11.6	1.140	2.119	9.8	19.3
8 19	22 22.73	− 6 34.9	1.121	2.125	4.5	19.0
8 29	22 16.06	− 8 7.6	1.125	2.133	1.8	18.8
9 8	22 9.86	− 9 39.0	1.153	2.143	6.8	19.2
9 18	22 5.25	−10 59.3	1.204	2.154	11.7	19.5
9 28	22 3.04	−12 1.7	1.276	2.166	16.0	19.8

344769 2003 WH_{97} 8 25.7 12°.13 2°.6/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.83	−13 49.2	1.717	2.584	14.4	20.3
7 30	22 37.12	−14 46.5	1.649	2.585	10.9	20.1
8 9	22 31.22	−15 53.0	1.602	2.586	7.0	19.9
8 19	22 23.73	−17 2.3	1.581	2.587	3.3	19.7
8 29	22 15.55	−18 7.1	1.586	2.588	3.7	19.7
9 8	22 7.73	−19 0.3	1.618	2.589	7.5	20.0
9 18	22 1.26	−19 37.5	1.674	2.591	11.3	20.2
9 28	21 56.89	−19 56.4	1.752	2.592	14.7	20.4

365286 2009 RB_{10} 8 25.7 306°.76 1°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.43	− 4 52.5	2.216	3.048	12.9	20.8
7 30	22 34.85	− 5 13.3	2.127	3.039	10.1	20.6
8 9	22 29.57	− 5 46.5	2.060	3.030	6.8	20.4
8 19	22 23.03	− 6 29.8	2.018	3.021	3.2	20.1
8 29	22 15.89	− 7 19.3	2.004	3.012	1.4	20.0
9 8	22 8.93	− 8 10.0	2.018	3.004	4.8	20.2
9 18	22 2.90	− 8 57.2	2.059	2.996	8.4	20.4
9 28	21 58.45	− 9 36.8	2.124	2.988	11.6	20.6

135624 2002 JZ_{68} 8 25.7 69°.05 0°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.12	− 7 51.8	1.329	2.195	17.9	19.8
7 30	22 38.52	− 8 54.3	1.272	2.206	13.6	19.5
8 9	22 32.31	−10 14.6	1.235	2.217	8.7	19.3
8 19	22 24.20	−11 45.6	1.220	2.228	3.4	19.0
8 29	22 15.33	−13 17.3	1.231	2.239	2.4	19.0
9 8	22 7.03	−14 39.7	1.268	2.250	7.6	19.3
9 18	22 0.44	−15 45.2	1.328	2.261	12.3	19.6
9 28	21 56.42	−16 29.7	1.409	2.272	16.3	19.9

475962 2007 HR_{59} 8 25.7 100°.17 3°.4/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.75	−17 2.8	1.727	2.591	14.5	21.9
7 30	22 40.73	−17 50.1	1.669	2.603	11.0	21.7
8 9	22 33.45	−18 42.3	1.633	2.614	7.1	21.5
8 19	22 24.60	−19 32.8	1.623	2.625	3.8	21.3
8 29	22 15.16	−20 14.9	1.639	2.636	4.4	21.4
9 8	22 6.25	−20 43.2	1.682	2.647	7.8	21.6
9 18	21 58.86	−20 55.1	1.750	2.658	11.4	21.8
9 28	21 53.72	−20 50.0	1.839	2.668	14.6	22.1

399027 2013 GG_{119} 8 25.7 197°.44 2°.9/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.02	+ 1 54.5	2.401	3.200	13.0	21.4
7 30	22 34.37	+ 1 32.1	2.314	3.199	10.5	21.2
8 9	22 29.17	+ 0 53.8	2.249	3.198	7.6	21.0
8 19	22 22.84	+ 0 1.2	2.208	3.198	4.6	20.8
8 29	22 16.01	− 1 2.5	2.195	3.197	2.9	20.7
9 8	22 9.36	− 2 12.2	2.211	3.196	4.6	20.8
9 18	22 3.58	− 3 22.8	2.254	3.195	7.6	21.0
9 28	21 59.24	− 4 29.0	2.323	3.193	10.5	21.2

32318 2000 QO_{47} 8 25.7 8°.32 0°.7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.02	−10 28.1	1.858	2.713	14.1	19.1
7 30	22 37.06	−10 52.4	1.785	2.713	10.7	18.9
8 9	22 31.09	−11 26.5	1.734	2.714	6.9	18.7
8 19	22 23.66	−12 6.4	1.708	2.715	2.7	18.4
8 29	22 15.61	−12 46.8	1.709	2.716	1.9	18.4
9 8	22 7.89	−13 22.4	1.737	2.718	6.0	18.6
9 18	22 1.41	−13 49.1	1.790	2.720	9.9	18.9
9 28	21 56.86	−14 4.0	1.866	2.722	13.3	19.1

16067 1999 RA_{47} 8 25.7 115°.32 1°.1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.96	− 3 39.3	2.228	3.055	13.0	18.5
7 30	22 35.15	− 4 16.3	2.151	3.059	10.1	18.3
8 9	22 29.70	− 5 7.0	2.096	3.064	6.8	18.1
8 19	22 23.07	− 6 8.4	2.067	3.069	3.2	17.9
8 29	22 15.92	− 7 15.8	2.065	3.073	1.4	17.8
9 8	22 9.02	− 8 23.5	2.092	3.078	4.7	18.0
9 18	22 3.09	− 9 26.5	2.147	3.082	8.2	18.3
9 28	21 58.74	−10 20.3	2.226	3.086	11.2	18.5

516477 2005 TH_{113} 8 25.7 279°.39 3°.7/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.61	−20 19.2	2.138	2.998	12.3	21.8
7 30	22 39.65	−20 49.5	2.059	2.989	9.4	21.6
8 9	22 32.70	−21 21.3	2.003	2.980	6.3	21.4
8 19	22 24.31	−21 49.5	1.973	2.972	3.9	21.2
8 29	22 15.29	−22 9.0	1.971	2.963	4.5	21.2
9 8	22 6.57	−22 15.9	1.996	2.955	7.3	21.4
9 18	21 59.04	−22 8.3	2.047	2.946	10.5	21.6
9 28	21 53.41	−21 46.2	2.121	2.937	13.4	21.7

24282 1999 XB_{179} 8 25.7 35°.21 7°.1/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.35	−29 40.6	2.164	3.031	11.9	17.5
7 30	22 37.24	−31 5.6	2.112	3.035	9.6	17.4
8 9	22 31.16	−32 26.2	2.084	3.040	7.7	17.3
8 19	22 23.67	−33 34.8	2.081	3.044	7.1	17.2
8 29	22 15.63	−34 24.9	2.105	3.049	8.1	17.3
9 8	22 7.98	−34 52.8	2.153	3.053	10.1	17.4
9 18	22 1.56	−34 57.4	2.224	3.058	12.3	17.6
9 28	21 57.07	−34 40.1	2.316	3.063	14.4	17.8

204187 2004 BN_{58} 8 25.7 211°.04 0°.1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.65	− 7 20.0	2.382	3.215	12.1	21.1
7 30	22 36.42	− 8 4.6	2.294	3.209	9.3	21.0
8 9	22 30.54	− 9 0.5	2.229	3.203	6.0	20.7
8 19	22 23.43	−10 4.2	2.191	3.196	2.5	20.5
8 29	22 15.74	−11 10.9	2.181	3.189	1.3	20.4
9 8	22 8.23	−12 15.1	2.201	3.182	5.0	20.6
9 18	22 1.61	−13 12.1	2.248	3.174	8.4	20.8
9 28	21 56.53	−13 58.4	2.320	3.165	11.4	21.0

225273 2128 *P–L* 8 25.7 342°.81 1°.0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.41	− 7 34.7	1.082	1.968	19.7	19.7
7 30	22 35.67	− 7 28.5	1.010	1.953	15.4	19.4
8 9	22 30.95	− 7 39.6	0.955	1.939	10.3	19.1
8 19	22 23.83	− 8 5.2	0.921	1.927	4.6	18.7
8 29	22 15.52	− 8 39.5	0.908	1.917	2.0	18.5
9 8	22 7.57	− 9 14.3	0.917	1.908	7.9	18.9
9 18	22 1.45	− 9 42.1	0.947	1.900	13.6	19.2
9 28	21 58.30	− 9 57.2	0.996	1.895	18.5	19.4

512708 2016 UL_{11} 8 25.7 276°.26 2°.7/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.95	− 1 5.0	1.881	2.704	15.2	20.9
7 30	22 37.07	− 1 10.6	1.796	2.698	12.2	20.7
8 9	22 31.17	− 1 32.7	1.731	2.692	8.6	20.4
8 19	22 23.75	− 2 9.9	1.690	2.686	4.8	20.2
8 29	22 15.59	− 2 58.5	1.675	2.680	2.8	20.1
9 8	22 7.66	− 3 53.2	1.688	2.674	5.5	20.2
9 18	22 0.87	− 4 47.9	1.726	2.668	9.3	20.4
9 28	21 55.98	− 5 37.1	1.788	2.662	12.9	20.6

479851 2014 GA_{26} 8 25.7 193°.70 2°.8/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.93	−17 28.6	2.309	3.161	11.8	22.0
7 30	22 39.70	−18 4.0	2.232	3.159	8.9	21.8
8 9	22 32.64	−18 42.8	2.179	3.157	5.8	21.7
8 19	22 24.28	−19 20.4	2.152	3.154	3.1	21.5
8 29	22 15.35	−19 52.0	2.154	3.151	3.5	21.5
9 8	22 6.72	−20 13.5	2.185	3.148	6.5	21.7
9 18	21 59.17	−20 22.5	2.242	3.144	9.6	21.9
9 28	21 53.38	−20 18.2	2.323	3.140	12.3	22.1

187706 2008 EU_{34} 8 25.7 147°.92 1°.6/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.21	− 3 0.5	1.845	2.671	15.4	21.3
7 30	22 39.46	− 3 28.2	1.772	2.679	12.0	21.1
8 9	22 32.64	− 4 12.1	1.720	2.687	8.2	20.9
8 19	22 24.31	− 5 9.3	1.693	2.694	4.0	20.7
8 29	22 15.33	− 6 14.3	1.693	2.701	1.8	20.5
9 8	22 6.72	− 7 20.6	1.722	2.707	5.5	20.8
9 18	21 59.39	− 8 22.2	1.776	2.713	9.5	21.0
9 28	21 54.07	− 9 13.8	1.855	2.718	13.0	21.3

255363 2005 WB_{104} 8 25.7 279°.37 0°.1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.76	− 8 11.7	2.246	3.086	12.5	20.8
7 30	22 35.91	− 8 41.0	2.151	3.070	9.6	20.6
8 9	22 30.31	− 9 21.1	2.078	3.054	6.3	20.4
8 19	22 23.38	−10 8.7	2.032	3.038	2.6	20.1
8 29	22 15.79	−10 59.6	2.013	3.022	1.3	20.0
9 8	22 8.33	−11 48.6	2.023	3.005	5.2	20.2
9 18	22 1.78	−12 31.2	2.059	2.989	8.8	20.4
9 28	21 56.84	−13 4.0	2.120	2.972	12.0	20.6

440194 2004 FW_{43} 8 25.7 128°.00 0°.4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.34	− 8 41.5	2.359	3.186	12.4	21.1
7 30	22 40.56	− 8 39.8	2.287	3.198	9.5	20.9
8 9	22 33.07	− 8 45.6	2.238	3.210	6.2	20.8
8 19	22 24.42	− 8 56.7	2.216	3.221	2.6	20.6
8 29	22 15.31	− 9 10.0	2.224	3.232	1.2	20.5
9 8	22 6.57	− 9 22.4	2.260	3.243	4.7	20.7
9 18	21 58.92	− 9 31.1	2.325	3.253	8.0	21.0
9 28	21 52.95	− 9 34.1	2.414	3.263	10.9	21.2

435622 2008 SX_{119} 8 25.7 169°.49 4°.0/29.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.66	+ 3 23.2	1.873	2.675	16.0	21.4
7 30	22 36.82	+ 3 13.2	1.791	2.676	13.0	21.2
8 9	22 30.98	+ 2 42.9	1.730	2.677	9.6	21.0
8 19	22 23.66	+ 1 53.1	1.692	2.678	6.1	20.8
8 29	22 15.66	+ 0 47.6	1.680	2.678	4.1	20.6
9 8	22 7.93	− 0 27.7	1.695	2.679	5.8	20.7
9 18	22 1.35	− 1 45.5	1.736	2.679	9.2	21.0
9 28	21 56.66	− 2 58.9	1.802	2.679	12.6	21.2

194995 2002 BJ_{15} 8 25.7 176°.95 1°.0/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.37	− 5 28.2	1.973	2.805	14.3	20.9
7 30	22 38.76	− 5 48.0	1.894	2.806	11.1	20.7
8 9	22 32.17	− 6 21.0	1.836	2.807	7.4	20.5
8 19	22 24.13	− 7 4.1	1.804	2.808	3.4	20.3
8 29	22 15.45	− 7 52.9	1.800	2.808	1.4	20.1
9 8	22 7.05	− 8 41.8	1.823	2.808	5.4	20.4
9 18	21 59.82	− 9 25.9	1.873	2.807	9.2	20.6
9 28	21 54.48	−10 1.0	1.947	2.806	12.6	20.8

313119 2000 YP_{114} 8 25.7 217°.02 5°.4/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.13	−25 55.6	2.585	3.446	10.4	21.0
7 30	22 36.82	−27 18.4	2.515	3.440	8.2	20.9
8 9	22 30.81	−28 40.6	2.471	3.434	6.2	20.7
8 19	22 23.57	−29 55.9	2.453	3.428	5.4	20.7
8 29	22 15.74	−30 58.3	2.463	3.421	6.3	20.7
9 8	22 8.12	−31 43.7	2.501	3.415	8.3	20.8
9 18	22 1.45	−32 9.8	2.563	3.407	10.6	21.0
9 28	21 56.36	−32 16.7	2.647	3.400	12.7	21.1

480169 2015 FY_{303} 8 25.7 58°.36 1°.0/24.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.70	− 7 45.8	1.622	2.480	15.6	21.2
7 30	22 36.24	− 8 58.9	1.563	2.493	11.8	21.0
8 9	22 30.65	−10 27.5	1.526	2.507	7.5	20.8
8 19	22 23.52	−12 4.9	1.514	2.521	2.9	20.5
8 29	22 15.79	−13 42.3	1.528	2.535	2.2	20.5
9 8	22 8.51	−15 10.8	1.569	2.549	6.7	20.8
9 18	22 2.60	−16 24.0	1.635	2.563	10.8	21.1
9 28	21 58.79	−17 17.8	1.724	2.578	14.3	21.3

298173 2002 TM_{161} 8 25.7 268°.25 6°.1/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.85	−25 56.3	2.247	3.110	11.7	20.9
7 30	22 39.33	−27 21.0	2.158	3.084	9.3	20.7
8 9	22 32.70	−28 46.7	2.094	3.058	7.1	20.6
8 19	22 24.43	−30 6.0	2.056	3.032	6.1	20.5
8 29	22 15.28	−31 11.2	2.045	3.005	7.3	20.5
9 8	22 6.23	−31 56.7	2.061	2.977	9.7	20.6
9 18	21 58.22	−32 19.5	2.101	2.950	12.4	20.7
9 28	21 52.12	−32 19.6	2.162	2.921	14.9	20.8

450091 2015 RR_{91} 8 25.7 17°.01 6°.3/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 34.32	+ 8 31.4	1.436	2.245	19.7	20.4
7 30	22 32.42	+ 8 23.4	1.373	2.254	16.5	20.2
8 9	22 28.32	+ 7 45.4	1.326	2.264	12.8	20.0
8 19	22 22.62	+ 6 37.8	1.300	2.275	9.0	19.9
8 29	22 16.24	+ 5 5.1	1.297	2.287	6.5	19.8
9 8	22 10.28	+ 3 16.5	1.318	2.301	7.2	19.8
9 18	22 5.70	+ 1 22.5	1.363	2.316	10.3	20.1
9 28	22 3.26	− 0 25.9	1.432	2.332	13.9	20.3

276908 2004 SU_{60} 8 25.7 290°.39 6°.2/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.13	−26 22.8	2.254	3.123	11.4	19.6
7 30	22 36.34	−27 51.0	2.182	3.111	9.0	19.5
8 9	22 30.66	−29 18.7	2.135	3.100	7.0	19.3
8 19	22 23.55	−30 38.8	2.114	3.088	6.2	19.3
8 29	22 15.75	−31 44.1	2.120	3.077	7.3	19.3
9 8	22 8.18	−32 29.7	2.152	3.066	9.5	19.4
9 18	22 1.67	−32 53.1	2.208	3.055	11.9	19.6
9 28	21 56.96	−32 54.5	2.284	3.044	14.2	19.7

481474 2007 BS_{46} 8 25.7 77°.71 2°.0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.78	−12 46.5	2.200	3.057	12.1	21.3
7 30	22 35.10	−13 53.1	2.130	3.061	9.1	21.1
8 9	22 29.72	−15 8.1	2.083	3.064	5.8	20.9
8 19	22 23.12	−16 26.1	2.063	3.068	2.6	20.7
8 29	22 15.99	−17 40.9	2.071	3.072	3.0	20.7
9 8	22 9.12	−18 46.6	2.107	3.076	6.2	20.9
9 18	22 3.26	−19 39.0	2.170	3.080	9.4	21.1
9 28	21 59.03	−20 15.5	2.256	3.084	12.3	21.3

295805 2008 UK_{305} 8 25.7 254°.15 1°.3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.31	− 4 38.4	2.094	2.919	13.8	21.8
7 30	22 38.81	− 4 53.2	1.993	2.901	10.9	21.6
8 9	22 32.32	− 5 21.3	1.913	2.881	7.4	21.3
8 19	22 24.26	− 6 0.6	1.859	2.861	3.6	21.1
8 29	22 15.38	− 6 47.3	1.833	2.840	1.6	20.9
9 8	22 6.59	− 7 36.3	1.834	2.819	5.3	21.1
9 18	21 58.78	− 8 22.6	1.863	2.798	9.3	21.3
9 28	21 52.77	− 9 1.4	1.916	2.776	12.8	21.5

391176 2006 BS_{98} 8 25.7 163°.30 14°.0/19.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	23 7.86	−39 7.3	1.230	2.081	20.0	20.8
7 30	22 59.22	−40 23.1	1.186	2.085	17.2	20.7
8 9	22 46.12	−41 19.9	1.159	2.089	14.9	20.6
8 19	22 29.87	−41 42.4	1.154	2.093	14.0	20.5
8 29	22 12.75	−41 19.7	1.170	2.095	14.9	20.6
9 8	21 57.28	−40 11.1	1.208	2.097	17.1	20.7
9 18	21 45.34	−38 24.2	1.266	2.098	19.9	20.9
9 28	21 37.87	−36 10.5	1.342	2.099	22.5	21.1

209645 2005 CC_{2} 8 25.7 323°.29 3°.9/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	23 1.04	− 9 29.5	1.387	2.222	19.0	19.0
7 30	22 53.81	− 7 34.9	1.282	2.194	15.3	18.7
8 9	22 42.92	− 5 37.0	1.199	2.166	10.8	18.4
8 19	22 28.88	− 3 37.8	1.140	2.139	5.9	18.0
8 29	22 13.00	− 1 40.8	1.110	2.113	4.2	17.8
9 8	21 57.09	+ 0 9.4	1.108	2.088	8.7	18.0
9 18	21 43.05	+ 1 49.3	1.133	2.064	14.1	18.2
9 28	21 32.38	+ 3 18.1	1.180	2.042	19.0	18.5

348320 2005 CU_{10} 8 25.7 268°.77 1°.7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 47.97	−13 19.2	1.436	2.301	16.9	20.7
7 30	22 43.11	−13 31.5	1.361	2.294	13.0	20.4
8 9	22 35.43	−13 52.6	1.305	2.287	8.4	20.2
8 19	22 25.59	−14 17.4	1.273	2.280	3.5	19.9
8 29	22 14.75	−14 39.6	1.267	2.273	2.9	19.8
9 8	22 4.33	−14 53.1	1.286	2.266	7.8	20.1
9 18	21 55.64	−14 54.4	1.329	2.258	12.6	20.3
9 28	21 49.68	−14 41.7	1.393	2.251	16.8	20.6

262934 2007 DO_{19} 8 25.7 72°.04 0°.4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.89	− 9 54.2	2.231	3.075	12.4	21.4
7 30	22 36.64	−10 17.0	2.155	3.077	9.5	21.2
8 9	22 30.69	−10 48.2	2.102	3.079	6.1	21.0
8 19	22 23.51	−11 24.7	2.075	3.082	2.4	20.8
8 29	22 15.82	−12 2.0	2.076	3.084	1.5	20.7
9 8	22 8.41	−12 36.0	2.105	3.086	5.1	21.0
9 18	22 2.01	−13 2.9	2.161	3.088	8.6	21.2
9 28	21 57.26	−13 20.3	2.241	3.091	11.6	21.4

147955 1993 TS_{10} 8 25.7 1°.51 4°.1/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.68	−18 14.2	1.250	2.136	17.5	18.1
7 30	22 40.82	−18 38.1	1.189	2.134	13.4	17.8
8 9	22 34.00	−19 6.5	1.148	2.133	8.8	17.5
8 19	22 24.99	−19 32.1	1.129	2.133	4.8	17.3
8 29	22 15.10	−19 47.2	1.134	2.134	5.2	17.4
9 8	22 5.85	−19 46.2	1.163	2.136	9.5	17.6
9 18	21 58.57	−19 26.9	1.214	2.139	14.0	17.9
9 28	21 54.19	−18 49.8	1.284	2.143	17.9	18.1

446250 2013 HU_{57} 8 25.7 158°.78 3°.9/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.31	+ 4 7.1	2.414	3.198	13.4	21.7
7 30	22 35.35	+ 4 5.2	2.328	3.200	10.9	21.5
8 9	22 29.82	+ 3 47.3	2.264	3.202	8.2	21.4
8 19	22 23.17	+ 3 14.0	2.224	3.203	5.5	21.2
8 29	22 16.00	+ 2 27.8	2.211	3.205	3.9	21.1
9 8	22 9.03	+ 1 32.6	2.226	3.206	5.0	21.2
9 18	22 2.94	+ 0 33.4	2.269	3.207	7.6	21.4
9 28	21 58.32	− 0 24.7	2.337	3.208	10.4	21.5

471664 2012 TS_{149} 8 25.7 253°.33 1°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.14	− 3 13.3	2.042	2.866	14.1	21.6
7 30	22 37.92	− 3 26.4	1.947	2.852	11.2	21.4
8 9	22 31.74	− 3 54.0	1.872	2.837	7.7	21.2
8 19	22 24.04	− 4 34.2	1.823	2.823	4.0	20.9
8 29	22 15.56	− 5 23.2	1.801	2.808	2.0	20.8
9 8	22 7.21	− 6 15.8	1.806	2.792	5.3	20.9
9 18	21 59.89	− 7 6.6	1.839	2.776	9.2	21.2
9 28	21 54.37	− 7 50.7	1.895	2.760	12.7	21.3

166930 2003 GA_{48} 8 25.7 31°.24 5°.8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.07	−17 39.5	1.092	1.989	18.6	18.9
7 30	22 39.11	−19 7.3	1.044	1.995	14.1	18.7
8 9	22 33.02	−20 43.7	1.016	2.002	9.4	18.5
8 19	22 24.62	−22 16.8	1.009	2.010	6.0	18.3
8 29	22 15.33	−23 33.6	1.025	2.019	7.3	18.4
9 8	22 6.79	−24 24.5	1.064	2.028	11.5	18.7
9 18	22 0.37	−24 45.8	1.123	2.037	15.9	19.0
9 28	21 57.01	−24 38.4	1.200	2.047	19.7	19.2

512183 2015 RG_{202} 8 25.7 291°.22 4°.9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.76	−24 14.3	2.234	3.096	11.7	21.0
7 30	22 38.98	−24 57.9	2.161	3.089	9.1	20.8
8 9	22 32.29	−25 40.5	2.111	3.082	6.5	20.7
8 19	22 24.21	−26 16.4	2.087	3.075	5.0	20.6
8 29	22 15.53	−26 40.4	2.090	3.068	5.7	20.6
9 8	22 7.18	−26 48.7	2.120	3.061	8.1	20.7
9 18	22 0.00	−26 39.8	2.175	3.054	10.9	20.9
9 28	21 54.66	−26 14.3	2.253	3.047	13.4	21.1

241404 2008 UP_{75} 8 25.7 191°.60 0°.6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.94	−10 27.6	2.272	3.111	12.4	22.0
7 30	22 38.98	−10 55.0	2.190	3.109	9.5	21.8
8 9	22 32.23	−11 30.6	2.131	3.108	6.1	21.6
8 19	22 24.18	−12 11.1	2.099	3.105	2.4	21.3
8 29	22 15.55	−12 51.9	2.095	3.102	1.6	21.3
9 8	22 7.16	−13 28.4	2.120	3.099	5.3	21.5
9 18	21 59.81	−13 57.2	2.172	3.095	8.8	21.7
9 28	21 54.15	−14 15.6	2.249	3.091	11.8	21.9

120587 1995 SM_{31} 8 25.7 83°.82 6°.3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.87	+ 5 42.5	1.766	2.554	17.4	19.3
7 30	22 40.12	+ 6 25.3	1.693	2.562	14.5	19.1
8 9	22 33.17	+ 6 48.4	1.639	2.570	11.2	18.9
8 19	22 24.61	+ 6 50.4	1.608	2.578	8.1	18.8
8 29	22 15.34	+ 6 32.2	1.601	2.586	6.3	18.7
9 8	22 6.43	+ 5 57.9	1.621	2.594	7.3	18.7
9 18	21 58.84	+ 5 13.2	1.666	2.602	10.1	18.9
9 28	21 53.38	+ 4 24.9	1.734	2.610	13.1	19.1

352481 2008 BN_{33} 8 25.7 82°.12 1°.4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 43.19	− 5 41.3	2.102	2.931	13.6	20.5
7 30	22 38.44	− 5 39.2	2.028	2.938	10.6	20.3
8 9	22 31.88	− 5 47.9	1.977	2.945	7.1	20.1
8 19	22 24.03	− 6 5.4	1.951	2.953	3.4	19.9
8 29	22 15.65	− 6 28.4	1.953	2.960	1.6	19.8
9 8	22 7.61	− 6 53.0	1.982	2.968	5.0	20.1
9 18	22 0.68	− 7 15.3	2.039	2.975	8.5	20.3
9 28	21 55.52	− 7 32.2	2.120	2.982	11.6	20.5

318572 2005 GL_{141} 8 25.7 39°.25 1°.0/26.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.66	− 4 59.3	0.957	1.836	22.2	20.5
7 30	22 39.98	− 5 31.3	0.931	1.868	17.0	20.3
8 9	22 33.26	− 6 25.6	0.920	1.902	11.1	20.1
8 19	22 24.58	− 7 34.8	0.931	1.936	4.8	19.9
8 29	22 15.46	− 8 48.4	0.963	1.972	1.9	19.8
9 8	22 7.47	− 9 55.7	1.018	2.008	7.6	20.3
9 18	22 1.76	−10 49.0	1.096	2.045	12.7	20.7
9 28	21 59.02	−11 24.1	1.193	2.082	16.9	21.1

132531 2002 JP_{62} 8 25.7 40°.70 6°.8/ 1.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.46	+ 9 34.6	1.537	2.328	19.4	19.2
7 30	22 35.45	+ 9 35.5	1.473	2.341	16.3	19.1
8 9	22 30.23	+ 9 7.8	1.426	2.354	12.8	18.9
8 19	22 23.42	+ 8 11.4	1.400	2.368	9.3	18.7
8 29	22 15.95	+ 6 49.9	1.398	2.383	7.0	18.6
9 8	22 8.91	+ 5 11.2	1.420	2.398	7.5	18.7
9 18	22 3.28	+ 3 25.2	1.467	2.414	10.3	18.9
9 28	21 59.80	+ 1 41.8	1.538	2.429	13.6	19.1

363695 2004 TS_{208} 8 25.7 219°.25 1°.9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.55	− 2 3.1	2.569	3.379	11.9	21.7
7 30	22 35.47	− 2 16.6	2.479	3.375	9.5	21.5
8 9	22 29.90	− 2 42.2	2.410	3.370	6.6	21.3
8 19	22 23.23	− 3 18.2	2.368	3.365	3.6	21.1
8 29	22 16.04	− 4 1.7	2.354	3.360	1.9	21.0
9 8	22 9.03	− 4 48.7	2.369	3.354	4.3	21.2
9 18	22 2.82	− 5 35.1	2.411	3.348	7.3	21.4
9 28	21 58.00	− 6 17.1	2.480	3.342	10.2	21.5

44040 1998 DA_{35} 8 25.7 54°.33 1°.4/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.72	−10 36.6	1.588	2.451	15.6	19.0
7 30	22 37.91	−11 25.3	1.525	2.458	11.9	18.8
8 9	22 31.81	−12 26.1	1.484	2.466	7.6	18.6
8 19	22 24.07	−13 33.2	1.467	2.474	3.0	18.3
8 29	22 15.66	−14 38.9	1.476	2.482	2.6	18.3
9 8	22 7.70	−15 36.0	1.511	2.490	7.0	18.6
9 18	22 1.20	−16 19.2	1.571	2.498	11.2	18.9
9 28	21 56.92	−16 45.4	1.653	2.507	14.8	19.1

387834 2004 HJ_{24} 8 25.7 235°.09 20°.6/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 56.74	−49 35.6	1.121	1.971	21.6	19.8
7 30	22 52.74	−52 52.2	1.099	1.966	20.7	19.7
8 9	22 43.24	−55 38.0	1.094	1.961	20.7	19.7
8 19	22 29.19	−57 33.6	1.106	1.955	21.6	19.7
8 29	22 13.11	−58 26.0	1.133	1.950	23.1	19.8
9 8	21 58.40	−58 13.7	1.174	1.944	24.9	19.9
9 18	21 47.79	−57 4.7	1.226	1.937	26.6	20.1
9 28	21 42.65	−55 11.4	1.286	1.931	28.2	20.2

311422 2005 US_{107} 8 25.7 347°.19 5°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.21	−21 45.0	1.734	2.613	13.8	19.5
7 30	22 36.79	−22 53.5	1.668	2.607	10.6	19.3
8 9	22 31.13	−24 4.4	1.625	2.603	7.4	19.1
8 19	22 23.82	−25 10.0	1.606	2.598	5.5	18.9
8 29	22 15.79	−26 2.4	1.612	2.595	6.5	19.0
9 8	22 8.13	−26 35.6	1.644	2.592	9.5	19.2
9 18	22 1.84	−26 47.1	1.699	2.589	12.8	19.4
9 28	21 57.71	−26 36.7	1.775	2.587	15.7	19.6

452188 2015 RZ_{92} 8 25.7 355°.74 5°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.45	+ 6 22.3	1.732	2.533	17.2	20.9
7 30	22 33.82	+ 6 20.5	1.651	2.530	14.3	20.7
8 9	22 29.18	+ 5 54.9	1.589	2.527	11.0	20.5
8 19	22 23.03	+ 5 5.5	1.548	2.526	7.6	20.3
8 29	22 16.17	+ 3 55.5	1.532	2.524	5.5	20.2
9 8	22 9.56	+ 2 31.2	1.542	2.524	6.5	20.2
9 18	22 4.11	+ 1 0.6	1.576	2.524	9.6	20.4
9 28	22 0.59	− 0 27.6	1.635	2.525	13.0	20.6

246133 2007 NS_{1} 8 25.7 345°.76 10°.1/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.70	+ 8 36.5	1.390	2.189	20.7	19.8
7 30	22 38.48	+10 12.5	1.311	2.179	17.9	19.6
8 9	22 32.59	+11 26.7	1.249	2.170	14.8	19.4
8 19	22 24.55	+12 13.8	1.206	2.161	11.9	19.2
8 29	22 15.38	+12 30.7	1.186	2.155	10.2	19.1
9 8	22 6.41	+12 18.9	1.187	2.149	10.7	19.1
9 18	21 58.92	+11 44.0	1.210	2.144	13.2	19.2
9 28	21 54.02	+10 54.9	1.254	2.141	16.3	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
482785 2013 KD_1			8 25.7 188°.06		6°.0/18.9 18	
	h m	° ′			°	m
7 20	22 44.31	−29 22.3	2.544	3.399	10.7	21.4
7 30	22 39.22	−30 22.1	2.481	3.398	8.6	21.2
8 9	22 32.36	−31 17.9	2.442	3.398	6.8	21.1
8 19	22 24.23	−32 3.7	2.430	3.397	6.0	21.1
8 29	22 15.61	−32 34.6	2.445	3.396	6.8	21.1
9 8	22 7.31	−32 47.3	2.487	3.394	8.6	21.2
9 18	22 0.12	−32 41.2	2.553	3.392	10.8	21.4
9 28	21 54.65	−32 17.1	2.640	3.390	12.7	21.5
431431 2007 MB_{22}			8 25.7 50°.66		8°.8/ 1.9 18	
7 20	22 44.52	+10 34.9	1.529	2.303	20.2	20.0
7 30	22 40.05	+11 36.2	1.473	2.324	17.2	19.9
8 9	22 33.19	+12 11.4	1.433	2.344	14.0	19.7
8 19	22 24.64	+12 17.7	1.414	2.365	10.9	19.6
8 29	22 15.42	+11 55.8	1.418	2.386	9.0	19.6
9 8	22 6.74	+11 10.3	1.446	2.408	9.2	19.6
9 18	21 59.63	+10 8.9	1.497	2.429	11.3	19.8
9 28	21 54.88	+ 9 0.6	1.571	2.451	14.0	20.0
223337 2003 QS_{74}			8 25.7 347°.37		2°.7/27.9 18	
7 20	22 42.56	− 2 36.6	2.139	2.957	13.8	19.8
7 30	22 38.04	− 2 14.1	2.055	2.954	11.0	19.6
8 9	22 31.69	− 2 3.2	1.993	2.952	7.8	19.4
8 19	22 24.01	− 2 3.3	1.955	2.950	4.5	19.2
8 29	22 15.71	− 2 12.5	1.945	2.949	2.7	19.1
9 8	22 7.66	− 2 27.4	1.963	2.947	5.1	19.2
9 18	22 0.66	− 2 44.6	2.007	2.946	8.4	19.4
9 28	21 55.37	− 3 0.2	2.076	2.945	11.6	19.6
76721 2000 JW_{22}			8 25.7 267°.83		6°.7/31.7 18	
7 20	22 41.59	+ 9 2.1	2.087	2.849	15.8	18.5
7 30	22 37.52	+ 9 36.1	1.991	2.838	13.5	18.3
8 9	22 31.51	+ 9 50.9	1.914	2.826	10.9	18.1
8 19	22 24.00	+ 9 44.7	1.859	2.815	8.3	18.0
8 29	22 15.71	+ 9 17.6	1.829	2.803	6.7	17.9
9 8	22 7.53	+ 8 32.9	1.826	2.792	7.3	17.9
9 18	22 0.34	+ 7 35.6	1.848	2.780	9.5	18.0
9 28	21 54.91	+ 6 32.3	1.894	2.768	12.3	18.1
308643 2006 AD_{53}			8 25.7 213°.58		1°.5/26.8 17	
7 20	22 45.52	− 4 32.1	1.481	2.324	17.6	21.5
7 30	22 41.15	− 4 48.7	1.403	2.321	13.8	21.3
8 9	22 34.16	− 5 23.3	1.344	2.317	9.4	21.0
8 19	22 25.15	− 6 13.0	1.309	2.312	4.4	20.7
8 29	22 15.17	− 7 11.9	1.299	2.307	1.9	20.5
9 8	22 5.51	− 8 12.3	1.315	2.302	6.7	20.8
9 18	21 57.39	− 9 6.9	1.356	2.296	11.5	21.1
9 28	21 51.79	− 9 49.9	1.419	2.290	15.8	21.3
164406 2005 UV_{504}			8 25.7 67°.39		0°.6/26.0 17	
7 20	22 48.20	− 8 41.1	1.297	2.157	18.6	19.5
7 30	22 43.35	− 8 36.0	1.234	2.162	14.4	19.2
8 9	22 35.60	− 8 44.3	1.189	2.168	9.5	19.0
8 19	22 25.71	− 9 2.3	1.167	2.173	4.0	18.7
8 29	22 14.94	− 9 24.7	1.170	2.179	1.8	18.6
9 8	22 4.78	− 9 45.2	1.198	2.184	7.2	18.9
9 18	21 56.53	− 9 59.0	1.249	2.190	12.3	19.2
9 28	21 51.13	−10 2.5	1.322	2.196	16.5	19.5
298018 2002 PA_{31}			8 25.7 65°.05		3°.4/28.1 16	
7 20	22 47.46	− 2 4.5	1.712	2.533	16.6	20.6
7 30	22 41.96	− 1 32.1	1.651	2.551	13.2	20.4
8 9	22 34.27	− 1 14.5	1.611	2.570	9.3	20.2
8 19	22 25.06	− 1 10.9	1.595	2.589	5.4	20.0
8 29	22 15.29	− 1 18.9	1.605	2.607	3.4	19.9
9 8	22 6.06	− 1 34.4	1.642	2.626	5.9	20.1
9 18	21 58.32	− 1 53.0	1.705	2.645	9.6	20.4
9 28	21 52.79	− 2 10.2	1.792	2.664	13.0	20.7
48201 2001 KD_3			8 25.7 232°.82		1°.8/27.4 18	
7 20	22 41.18	− 2 56.2	1.964	2.791	14.5	19.3
7 30	22 37.18	− 3 12.7	1.881	2.788	11.4	19.1
8 9	22 31.25	− 3 44.3	1.820	2.785	7.9	18.9
8 19	22 23.88	− 4 28.7	1.783	2.782	4.0	18.6
8 29	22 15.84	− 5 21.7	1.772	2.779	2.0	18.5
9 8	22 8.04	− 6 17.8	1.790	2.776	5.2	18.7
9 18	22 1.34	− 7 11.3	1.833	2.773	9.1	18.9
9 28	21 56.47	− 7 57.4	1.901	2.769	12.5	19.2
349095 2007 ET_{78}			8 25.7 12°.26		6°.9/20.4 18	
7 20	22 46.95	−28 59.7	1.894	2.759	13.4	19.4
7 30	22 41.68	−29 38.0	1.837	2.762	10.7	19.2
8 9	22 34.13	−30 10.5	1.802	2.764	8.2	19.1
8 19	22 25.00	−30 30.4	1.792	2.768	6.9	19.0
8 29	22 15.34	−30 32.0	1.807	2.771	7.7	19.0
9 8	22 6.26	−30 12.7	1.847	2.776	9.9	19.2
9 18	21 58.74	−29 32.7	1.912	2.780	12.6	19.4
9 28	21 53.50	−28 34.7	1.998	2.786	15.1	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
481739 2008 GB_{51}			8 25.7 128°.47		3°.4/22.3 18	
	h m	° ′			°	m
7 20	22 43.60	−19 35.4	2.350	3.206	11.4	21.9
7 30	22 38.64	−20 16.5	2.285	3.213	8.7	21.7
8 9	22 31.97	−20 59.3	2.244	3.220	5.8	21.6
8 19	22 24.10	−21 38.9	2.229	3.227	3.6	21.4
8 29	22 15.77	−22 10.7	2.243	3.234	4.1	21.5
9 8	22 7.78	−22 30.8	2.284	3.240	6.7	21.7
9 18	22 0.89	−22 37.3	2.352	3.247	9.5	21.8
9 28	21 55.69	−22 30.0	2.443	3.253	12.0	22.0
446812 1999 XH_{35}			8 25.7 352°.81		15°.8/12.1 16	
7 20	22 38.05	+28 46.1	1.783	2.424	21.9	19.5
7 30	22 35.47	+30 40.6	1.706	2.416	20.6	19.4
8 9	22 30.54	+32 5.9	1.641	2.410	19.1	19.3
8 19	22 23.73	+32 55.2	1.592	2.405	17.7	19.1
8 29	22 15.87	+33 3.5	1.558	2.401	16.5	19.1
9 8	22 8.12	+32 30.2	1.543	2.398	15.9	19.0
9 18	22 1.61	+31 19.0	1.545	2.397	16.0	19.0
9 28	21 57.34	+29 38.4	1.567	2.396	16.7	19.1
111939 2002 GJ_{45}			8 25.7 62°.49		2°.9/23.9 18	
7 20	22 48.15	−15 18.3	1.304	2.178	17.7	19.8
7 30	22 43.25	−15 44.8	1.249	2.187	13.5	19.6
8 9	22 35.47	−16 18.7	1.213	2.197	8.7	19.3
8 19	22 25.63	−16 53.2	1.201	2.207	4.0	19.1
8 29	22 15.05	−17 20.8	1.213	2.217	4.0	19.1
9 8	22 5.19	−17 35.3	1.251	2.227	8.5	19.4
9 18	21 57.32	−17 33.9	1.311	2.237	13.1	19.7
9 28	21 52.31	−17 16.1	1.392	2.248	17.0	20.0
10242 Wasserkuppe			8 25.7 205°.47		0°.5/26.2 18	
7 20	22 44.09	− 6 15.3	1.947	2.781	14.3	19.5
7 30	22 39.46	− 6 44.2	1.862	2.777	11.1	19.3
8 9	22 32.77	− 7 26.6	1.800	2.772	7.4	19.0
8 19	22 24.52	− 8 19.2	1.762	2.767	3.2	18.8
8 29	22 15.54	− 9 16.7	1.752	2.761	1.4	18.6
9 8	22 6.80	−10 13.2	1.770	2.754	5.6	18.9
9 18	21 59.21	−11 3.2	1.815	2.747	9.6	19.1
9 28	21 53.56	−11 42.5	1.884	2.740	13.2	19.3
112260 2002 LG_{14}			8 25.7 36°.61		4°.1/28.2 18	
7 20	22 44.11	− 1 46.5	1.062	1.923	21.8	18.9
7 30	22 40.43	− 1 18.7	1.017	1.940	17.3	18.7
8 9	22 33.75	− 1 14.2	0.988	1.958	12.2	18.5
8 19	22 24.94	− 1 31.4	0.979	1.977	6.9	18.3
8 29	22 15.41	− 2 5.4	0.993	1.998	4.1	18.2
9 8	22 6.71	− 2 48.0	1.029	2.019	7.5	18.4
9 18	22 0.12	− 3 31.1	1.087	2.040	12.3	18.8
9 28	21 56.51	− 4 7.3	1.166	2.063	16.6	19.1
3040 Kozai			8 25.7 279°.65		6°.4/18.9 17	
7 20	22 47.77	− 1 47.9	1.072	1.926	22.1	16.4
7 30	22 44.84	− 7 4.5	0.968	1.902	16.9	16.0
8 9	22 38.03	−13 44.9	0.892	1.877	10.6	15.6
8 19	22 27.40	−21 25.2	0.850	1.852	6.4	15.3
8 29	22 13.84	−29 12.9	0.846	1.827	11.0	15.4
9 8	21 59.25	−36 8.9	0.877	1.801	18.3	15.7
9 18	21 46.10	−41 36.5	0.935	1.776	24.7	16.0
9 28	21 36.77	−45 30.6	1.013	1.750	29.6	16.3
298242 2002 VP_{36}			8 25.7 284°.21		0°.8/26.4 18	
7 20	22 40.75	− 5 57.3	1.960	2.799	14.1	21.0
7 30	22 37.00	− 6 20.1	1.864	2.781	11.0	20.8
8 9	22 31.25	− 6 56.5	1.790	2.763	7.4	20.5
8 19	22 23.94	− 7 43.8	1.741	2.745	3.3	20.2
8 29	22 15.82	− 8 37.5	1.719	2.728	1.4	20.0
9 8	22 7.83	− 9 31.8	1.724	2.710	5.5	20.3
9 18	22 0.88	−10 21.1	1.755	2.692	9.6	20.5
9 28	21 55.77	−11 0.8	1.811	2.674	13.3	20.7
370011 2000 AD_{42}			8 25.7 273°.22		0°.9/26.4 18	
7 20	22 45.41	− 6 50.9	1.633	2.478	16.2	21.5
7 30	22 41.06	− 6 56.0	1.538	2.457	12.7	21.2
8 9	22 34.17	− 7 14.8	1.463	2.437	8.5	20.9
8 19	22 25.23	− 7 45.0	1.411	2.415	3.9	20.6
8 29	22 15.17	− 8 22.0	1.386	2.394	1.7	20.4
9 8	22 5.21	− 8 59.9	1.387	2.372	6.6	20.7
9 18	21 56.56	− 9 32.8	1.413	2.351	11.4	20.9
9 28	21 50.26	− 9 56.0	1.461	2.328	15.6	21.1
453654 2010 TU_{121}			8 25.7 211°.80		0°.8/26.7 18	
7 20	22 39.03	− 4 34.5	2.373	3.199	12.3	21.3
7 30	22 35.23	− 5 11.3	2.287	3.197	9.6	21.2
8 9	22 29.84	− 6 0.8	2.225	3.194	6.4	20.9
8 19	22 23.29	− 7 0.0	2.188	3.191	2.9	20.7
8 29	22 16.19	− 8 4.5	2.180	3.188	1.2	20.6
9 8	22 9.29	− 9 9.2	2.200	3.185	4.6	20.8
9 18	22 3.28	−10 9.2	2.248	3.182	8.0	21.0
9 28	21 58.74	−11 0.4	2.321	3.178	11.0	21.2

442527 2011 WH_{106} 8 25.7 134°.77 2°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.75	− 2 49.2	2.212	3.030	13.4	21.1
7 30	22 37.35	− 2 51.0	2.132	3.032	10.6	20.9
8 9	22 31.23	− 3 5.4	2.073	3.035	7.3	20.7
8 19	22 23.85	− 3 30.7	2.040	3.038	3.9	20.5
8 29	22 15.93	− 4 3.9	2.034	3.040	2.1	20.4
9 8	22 8.26	− 4 40.8	2.057	3.043	4.8	20.6
9 18	22 1.60	− 5 17.2	2.107	3.045	8.1	20.8
9 28	21 56.58	− 5 49.0	2.181	3.047	11.2	21.0

252726 2002 CK_{237} 8 25.7 180°.14 1°.0/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.20	−12 22.2	2.759	3.596	10.5	21.3
7 30	22 37.36	−12 47.9	2.678	3.597	7.9	21.2
8 9	22 31.08	−13 19.2	2.621	3.598	5.1	21.0
8 19	22 23.76	−13 53.0	2.592	3.598	2.1	20.8
8 29	22 15.99	−14 25.7	2.592	3.598	1.7	20.8
9 8	22 8.45	−14 53.7	2.622	3.597	4.7	21.0
9 18	22 1.75	−15 14.6	2.679	3.596	7.6	21.2
9 28	21 56.42	−15 26.4	2.762	3.595	10.2	21.3

182780 2001 YH_{63} 8 25.7 281°.97 1°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.49	− 3 59.6	2.122	2.948	13.6	20.4
7 30	22 37.39	− 4 1.8	2.026	2.932	10.8	20.1
8 9	22 31.42	− 4 16.6	1.951	2.916	7.4	19.9
8 19	22 24.00	− 4 42.3	1.900	2.900	3.8	19.7
8 29	22 15.85	− 5 15.9	1.877	2.884	1.9	19.5
9 8	22 7.82	− 5 52.9	1.882	2.868	5.1	19.7
9 18	22 0.77	− 6 29.0	1.914	2.852	8.8	19.9
9 28	21 55.44	− 6 59.8	1.970	2.836	12.2	20.1

413788 2006 HE_{72} 8 25.7 170°.50 3°.9/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.81	−16 28.2	1.623	2.488	15.2	21.2
7 30	22 41.93	−17 39.0	1.557	2.491	11.6	21.0
8 9	22 34.54	−18 57.4	1.513	2.494	7.6	20.7
8 19	22 25.30	−20 15.5	1.494	2.496	4.3	20.5
8 29	22 15.25	−21 24.4	1.502	2.498	5.1	20.6
9 8	22 5.65	−22 16.7	1.537	2.499	8.8	20.8
9 18	21 57.61	−22 48.3	1.595	2.499	12.6	21.1
9 28	21 52.00	−22 58.4	1.676	2.499	16.0	21.3

468788 2012 DU_{50} 8 25.7 105°.30 0°.8/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.23	− 4 7.9	1.495	2.342	17.3	21.4
7 30	22 38.48	− 4 55.4	1.427	2.348	13.4	21.2
8 9	22 32.33	− 6 2.7	1.380	2.354	8.9	21.0
8 19	22 24.40	− 7 25.1	1.356	2.360	4.0	20.7
8 29	22 15.69	− 8 54.7	1.357	2.366	1.6	20.5
9 8	22 7.40	−10 22.0	1.385	2.372	6.5	20.9
9 18	22 0.61	−11 39.1	1.439	2.378	11.1	21.2
9 28	21 56.16	−12 39.9	1.514	2.383	15.1	21.4

268207 2005 BY_{16} 8 25.7 274°.19 1°.5/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.88	− 5 8.3	2.457	3.277	12.1	21.0
7 30	22 37.38	− 5 3.1	2.362	3.266	9.5	20.8
8 9	22 31.25	− 5 7.5	2.289	3.254	6.5	20.6
8 19	22 23.89	− 5 20.0	2.243	3.243	3.3	20.3
8 29	22 15.94	− 5 38.1	2.224	3.231	1.6	20.2
9 8	22 8.15	− 5 58.7	2.235	3.220	4.5	20.4
9 18	22 1.22	− 6 18.5	2.272	3.208	7.8	20.6
9 28	21 55.78	− 6 34.4	2.336	3.196	10.8	20.7

168754 2000 QM_{190} 8 25.7 13°.02 5°.7/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.34	−17 58.2	1.012	1.915	19.3	18.8
7 30	22 38.82	−19 4.1	0.963	1.917	14.7	18.6
8 9	22 33.01	−20 18.0	0.933	1.921	9.8	18.3
8 19	22 24.76	−21 28.9	0.923	1.925	6.0	18.1
8 29	22 15.55	−22 24.4	0.934	1.931	7.0	18.2
9 8	22 7.10	−22 55.8	0.967	1.937	11.4	18.5
9 18	22 0.88	−22 59.6	1.021	1.945	16.1	18.8
9 28	21 57.85	−22 36.7	1.092	1.953	20.2	19.0

202752 2007 PX_{30} 8 25.7 338°.14 4°.3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 35.73	+ 9 41.7	3.834	4.563	9.7	18.7
7 30	22 32.17	+10 6.7	3.735	4.557	8.3	18.6
8 9	22 27.61	+10 20.6	3.657	4.552	6.7	18.5
8 19	22 22.34	+10 22.9	3.604	4.546	5.2	18.4
8 29	22 16.72	+10 14.1	3.578	4.541	4.3	18.3
9 8	22 11.20	+ 9 55.8	3.580	4.536	4.5	18.3
9 18	22 6.17	+ 9 30.0	3.610	4.531	5.7	18.4
9 28	22 2.02	+ 8 59.7	3.666	4.526	7.2	18.5

13301 1998 RP_{19} 8 25.7 312°.39 0°.5/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.60	− 7 23.5	1.717	2.566	15.3	18.5
7 30	22 37.84	− 7 39.9	1.635	2.558	11.8	18.2
8 9	22 31.87	− 8 9.5	1.574	2.550	7.8	18.0
8 19	22 24.23	− 8 49.0	1.537	2.543	3.4	17.7
8 29	22 15.79	− 9 33.5	1.526	2.535	1.4	17.5
9 8	22 7.61	−10 16.8	1.542	2.528	6.0	17.8
9 18	22 0.69	−10 53.6	1.583	2.521	10.4	18.1
9 28	21 55.87	−11 19.8	1.647	2.514	14.2	18.3

147194 2002 VU_{89} 8 25.7 312°.14 1°.8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.86	− 4 58.1	1.419	2.271	17.7	19.7
7 30	22 39.27	− 4 57.6	1.340	2.262	14.0	19.4
8 9	22 33.05	− 5 14.0	1.280	2.253	9.6	19.1
8 19	22 24.79	− 5 45.1	1.241	2.244	4.7	18.8
8 29	22 15.50	− 6 26.0	1.228	2.236	2.1	18.6
9 8	22 6.51	− 7 10.1	1.239	2.228	6.7	18.9
9 18	21 59.05	− 7 50.6	1.275	2.220	11.6	19.2
9 28	21 54.10	− 8 21.7	1.332	2.213	16.0	19.4

453451 2009 RU_{40} 8 25.7 356°.27 4°.1/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.72	+ 3 44.9	2.216	3.009	14.1	21.1
7 30	22 35.11	+ 3 49.9	2.131	3.008	11.6	20.9
8 9	22 29.83	+ 3 38.1	2.067	3.008	8.7	20.8
8 19	22 23.33	+ 3 10.0	2.027	3.007	5.8	20.6
8 29	22 16.25	+ 2 28.0	2.013	3.007	4.1	20.5
9 8	22 9.38	+ 1 36.2	2.026	3.007	5.3	20.6
9 18	22 3.45	+ 0 39.8	2.065	3.007	8.1	20.7
9 28	21 59.09	− 0 15.9	2.130	3.007	11.0	20.9

266239 2006 XT_{40} 8 25.7 170°.89 0°.2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.02	− 6 51.9	1.883	2.721	14.6	21.3
7 30	22 39.42	− 7 29.2	1.806	2.724	11.3	21.1
8 9	22 32.74	− 8 20.1	1.752	2.726	7.4	20.8
8 19	22 24.55	− 9 20.4	1.723	2.728	3.1	20.6
8 29	22 15.67	−10 24.5	1.721	2.730	1.4	20.5
9 8	22 7.10	−11 25.7	1.748	2.731	5.8	20.8
9 18	21 59.76	−12 18.6	1.800	2.731	9.8	21.0
9 28	21 54.41	−12 59.2	1.877	2.731	13.3	21.2

261828 2006 DD_{7} 8 25.7 235°.95 1°.1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.64	− 3 34.8	2.829	3.642	10.9	21.5
7 30	22 34.74	− 4 7.8	2.730	3.630	8.5	21.4
8 9	22 29.45	− 4 52.1	2.654	3.618	5.8	21.2
8 19	22 23.15	− 5 45.6	2.605	3.606	2.8	21.0
8 29	22 16.34	− 6 44.9	2.585	3.593	1.2	20.8
9 8	22 9.63	− 7 45.8	2.595	3.579	4.0	21.0
9 18	22 3.63	− 8 44.0	2.633	3.566	7.0	21.2
9 28	21 58.85	− 9 35.9	2.697	3.552	9.7	21.3

162833 2001 CS_{15} 8 25.7 266°.69 2°.5/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 51.55	− 6 1.3	1.838	2.660	15.5	19.9
7 30	22 45.28	− 5 14.1	1.751	2.655	12.3	19.7
8 9	22 36.62	− 4 35.5	1.685	2.650	8.5	19.4
8 19	22 26.17	− 4 5.3	1.646	2.644	4.5	19.2
8 29	22 14.87	− 3 42.4	1.634	2.639	2.6	19.1
9 8	22 3.88	− 3 24.6	1.650	2.634	6.0	19.3
9 18	21 54.27	− 3 9.3	1.694	2.629	10.0	19.5
9 28	21 46.93	− 2 54.0	1.762	2.623	13.7	19.7

261765 2006 BC_{60} 8 25.7 278°.57 0°.4/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.79	− 6 52.9	2.354	3.187	12.2	21.1
7 30	22 35.92	− 7 15.7	2.257	3.171	9.5	20.9
8 9	22 30.38	− 7 49.4	2.183	3.155	6.3	20.7
8 19	22 23.57	− 8 31.2	2.135	3.139	2.7	20.4
8 29	22 16.13	− 9 17.3	2.114	3.123	1.1	20.3
9 8	22 8.81	−10 3.1	2.122	3.107	4.8	20.5
9 18	22 2.35	−10 44.4	2.158	3.090	8.3	20.7
9 28	21 57.41	−11 17.5	2.218	3.074	11.4	20.9

316624 2011 WM_{88} 8 25.7 251°.91 3°.0/31.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 33.88	+ 6 44.9	4.589	5.333	8.0	20.2
7 30	22 30.59	+ 6 50.9	4.490	5.329	6.7	20.1
8 9	22 26.51	+ 6 47.9	4.413	5.326	5.2	20.0
8 19	22 21.87	+ 6 36.2	4.362	5.322	3.8	19.9
8 29	22 16.98	+ 6 16.5	4.340	5.318	3.0	19.8
9 8	22 12.17	+ 5 50.5	4.346	5.314	3.3	19.8
9 18	22 7.76	+ 5 20.1	4.381	5.310	4.5	19.9
9 28	22 4.06	+ 4 47.6	4.443	5.306	6.0	20.0

9433 1997 CF_{3} 8 25.7 101°.32 0°.6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.22	− 5 4.6	1.547	2.393	16.8	17.9
7 30	22 39.13	− 5 46.3	1.482	2.403	13.0	17.7
8 9	22 32.69	− 6 45.7	1.438	2.413	8.6	17.5
8 19	22 24.55	− 7 58.0	1.417	2.422	3.7	17.2
8 29	22 15.70	− 9 15.9	1.423	2.432	1.5	17.1
9 8	22 7.31	−10 31.0	1.456	2.441	6.3	17.4
9 18	22 0.41	−11 36.3	1.513	2.451	10.8	17.7
9 28	21 55.80	−12 26.8	1.593	2.460	14.6	18.0

68250 2001 DZ_{73} 8 25.7 342°.79 2°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.48	+ 0 39.4	1.564	2.400	17.2	18.4
7 30	22 34.11	− 0 17.1	1.484	2.394	13.7	18.1
8 9	22 29.55	− 1 39.2	1.423	2.389	9.5	17.9
8 19	22 23.31	− 3 23.3	1.385	2.385	5.0	17.6
8 29	22 16.27	− 5 21.9	1.374	2.381	2.3	17.4
9 8	22 9.48	− 7 24.6	1.388	2.378	6.0	17.7
9 18	22 3.95	− 9 20.5	1.429	2.375	10.5	17.9
9 28	22 0.53	−11 1.0	1.492	2.373	14.6	18.2

314581 2005 YA_{265} 8 25.7 128°.21 0°.8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.48	−11 6.7	2.608	3.448	10.9	21.5
7 30	22 36.13	−11 39.8	2.536	3.457	8.3	21.3
8 9	22 30.31	−12 19.7	2.487	3.465	5.3	21.1
8 19	22 23.48	−13 3.0	2.466	3.472	2.1	20.9
8 29	22 16.23	−13 45.7	2.474	3.480	1.6	20.9
9 8	22 9.24	−14 24.0	2.510	3.487	4.7	21.1
9 18	22 3.12	−14 54.7	2.574	3.494	7.7	21.3
9 28	21 58.40	−15 15.7	2.663	3.501	10.3	21.5

65043 2002 AY_{137} 8 25.7 101°.82 0°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.68	− 6 32.3	2.216	3.050	12.8	20.1
7 30	22 36.52	− 7 0.9	2.144	3.058	9.9	19.9
8 9	22 30.68	− 7 40.6	2.094	3.066	6.5	19.7
8 19	22 23.66	− 8 28.2	2.070	3.075	2.8	19.5
8 29	22 16.14	− 9 19.4	2.074	3.083	1.2	19.4
9 8	22 8.92	−10 9.0	2.107	3.091	4.8	19.7
9 18	22 2.71	−10 53.0	2.166	3.099	8.3	19.9
9 28	21 58.12	−11 27.7	2.250	3.107	11.3	20.1

78325 2002 PS_{81} 8 25.7 351°.24 2°.3/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.97	− 6 18.0	1.395	2.253	17.7	18.6
7 30	22 39.32	− 5 44.8	1.321	2.246	14.0	18.4
8 9	22 33.04	− 5 24.5	1.266	2.240	9.6	18.1
8 19	22 24.78	− 5 16.0	1.233	2.235	4.8	17.8
8 29	22 15.58	− 5 16.5	1.224	2.231	2.5	17.7
9 8	22 6.76	− 5 21.6	1.240	2.229	6.7	17.9
9 18	21 59.53	− 5 26.7	1.280	2.227	11.4	18.2
9 28	21 54.84	− 5 27.7	1.341	2.226	15.6	18.4

437052 2012 US_{35} 8 25.7 339°.87 11°.3/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 48.24	−34 58.2	1.412	2.287	16.6	19.9
7 30	22 43.80	−36 11.8	1.357	2.277	14.0	19.7
8 9	22 36.12	−37 14.1	1.322	2.269	12.0	19.6
8 19	22 26.04	−37 53.7	1.308	2.261	11.4	19.6
8 29	22 15.02	−38 1.1	1.316	2.254	12.5	19.6
9 8	22 4.75	−37 32.5	1.346	2.247	14.8	19.7
9 18	21 56.67	−36 30.1	1.395	2.242	17.6	19.9
9 28	21 51.76	−34 59.6	1.462	2.237	20.2	20.1

219911 2002 FD_{25} 8 25.7 41°.65 12°.6/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	23 1.43	−46 40.8	1.842	2.657	15.8	19.0
7 30	22 52.89	−47 29.7	1.816	2.675	14.1	18.9
8 9	22 41.29	−47 57.2	1.810	2.693	13.0	18.9
8 19	22 27.87	−47 54.8	1.825	2.711	12.6	18.9
8 29	22 14.28	−47 17.8	1.863	2.730	13.2	19.0
9 8	22 2.16	−46 7.4	1.923	2.749	14.4	19.1
9 18	21 52.65	−44 28.9	2.004	2.769	15.9	19.3
9 28	21 46.39	−42 29.6	2.104	2.789	17.4	19.5

169818 2002 QC_{56} 8 25.7 278°.93 1°.1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.73	− 9 7.9	1.900	2.752	13.9	20.1
7 30	22 36.29	−10 6.5	1.813	2.740	10.6	19.9
8 9	22 30.83	−11 18.8	1.749	2.729	6.8	19.6
8 19	22 23.84	−12 39.9	1.710	2.717	2.7	19.3
8 29	22 16.07	−14 2.9	1.698	2.705	2.2	19.3
9 8	22 8.48	−15 20.2	1.714	2.693	6.4	19.5
9 18	22 1.97	−16 25.7	1.756	2.681	10.4	19.7
9 28	21 57.35	−17 15.0	1.821	2.670	13.9	19.9

448078 2008 GL_{139} 8 25.8 92°.23 2°.9/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.83	+ 1 51.7	2.271	3.071	13.6	21.6
7 30	22 35.10	+ 1 27.4	2.193	3.079	10.9	21.4
8 9	22 29.78	+ 0 46.6	2.137	3.088	7.9	21.3
8 19	22 23.32	− 0 8.8	2.106	3.096	4.7	21.1
8 29	22 16.37	− 1 15.1	2.102	3.104	2.9	21.0
9 8	22 9.67	− 2 27.1	2.126	3.112	4.7	21.1
9 18	22 3.91	− 3 39.0	2.178	3.120	7.7	21.3
9 28	21 59.68	− 4 45.7	2.256	3.127	10.7	21.5

260289 2004 TC_{59} 8 25.8 285°.24 1°.6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.29	−13 28.4	2.244	3.096	12.1	20.8
7 30	22 37.16	−13 58.2	2.155	3.083	9.2	20.6
8 9	22 31.23	−14 34.7	2.089	3.069	5.9	20.4
8 19	22 23.97	−15 14.0	2.050	3.056	2.6	20.2
8 29	22 16.05	−15 51.5	2.038	3.042	2.4	20.1
9 8	22 8.32	−16 22.5	2.054	3.029	5.8	20.3
9 18	22 1.56	−16 43.7	2.097	3.015	9.3	20.5
9 28	21 56.46	−16 52.9	2.163	3.002	12.3	20.7

204580 2005 GV_{27} 8 25.8 79°.59 0°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.75	− 6 18.7	1.890	2.726	14.6	20.6
7 30	22 39.09	− 6 28.4	1.824	2.739	11.3	20.4
8 9	22 32.45	− 6 50.0	1.780	2.752	7.5	20.2
8 19	22 24.43	− 7 20.6	1.761	2.765	3.4	20.0
8 29	22 15.87	− 7 56.1	1.769	2.778	1.4	19.8
9 8	22 7.72	− 8 31.3	1.805	2.790	5.3	20.1
9 18	22 0.84	− 9 2.0	1.867	2.803	9.1	20.4
9 28	21 55.90	− 9 24.6	1.952	2.816	12.5	20.6

128835 2004 RC_{324} 8 25.8 283°.20 4°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.48	+ 3 44.4	2.322	3.110	13.7	19.9
7 30	22 35.68	+ 3 51.5	2.229	3.103	11.3	19.7
8 9	22 30.23	+ 3 42.8	2.158	3.097	8.5	19.5
8 19	22 23.55	+ 3 18.4	2.110	3.090	5.7	19.3
8 29	22 16.27	+ 2 40.3	2.089	3.083	4.1	19.2
9 8	22 9.14	+ 1 52.4	2.096	3.076	5.3	19.3
9 18	22 2.89	+ 0 59.2	2.129	3.069	8.0	19.4
9 28	21 58.16	+ 0 6.1	2.188	3.062	10.9	19.6

310537 2001 BN_{52} 8 25.8 211°.11 3°.5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.04	−18 35.8	2.437	3.297	11.0	20.9
7 30	22 36.07	−19 48.8	2.363	3.294	8.3	20.7
8 9	22 30.45	−21 5.8	2.314	3.291	5.6	20.6
8 19	22 23.62	−22 21.4	2.291	3.288	3.6	20.4
8 29	22 16.24	−23 29.5	2.297	3.285	4.4	20.5
9 8	22 9.07	−24 25.1	2.331	3.281	7.0	20.6
9 18	22 2.82	−25 5.0	2.392	3.277	9.7	20.8
9 28	21 58.11	−25 27.7	2.475	3.273	12.2	21.0

42048 2000 YE_{107} 8 25.8 272°.14 0°.1/25.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.24	− 8 42.7	2.305	3.143	12.3	19.9
7 30	22 37.08	− 9 2.9	2.210	3.128	9.5	19.7
8 9	22 31.18	− 9 32.6	2.137	3.112	6.2	19.5
8 19	22 23.96	−10 8.9	2.090	3.096	2.6	19.2
8 29	22 16.09	−10 47.9	2.072	3.080	1.3	19.1
9 8	22 8.35	−11 25.1	2.082	3.064	5.0	19.3
9 18	22 1.51	−11 56.7	2.118	3.048	8.6	19.5
9 28	21 56.26	−12 19.4	2.180	3.032	11.8	19.7

127065 2002 GH_{55} 8 25.8 40°.28 1°.1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.56	−11 17.6	1.917	2.773	13.6	19.3
7 30	22 36.66	−11 50.9	1.856	2.786	10.3	19.1
8 9	22 30.88	−12 32.9	1.818	2.798	6.6	18.9
8 19	22 23.79	−13 19.1	1.805	2.812	2.6	18.7
8 29	22 16.21	−14 4.2	1.819	2.825	2.1	18.7
9 8	22 9.03	−14 42.9	1.859	2.839	5.9	19.0
9 18	22 3.05	−15 11.5	1.926	2.853	9.5	19.2
9 28	21 58.91	−15 27.5	2.016	2.867	12.6	19.5

435004 2006 UC_{322} 8 25.8 276°.08 1°.9/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.48	−12 13.7	1.516	2.381	16.1	22.1
7 30	22 40.48	−12 49.4	1.435	2.369	12.4	21.8
8 9	22 33.85	−13 36.7	1.374	2.356	8.0	21.5
8 19	22 25.18	−14 30.2	1.337	2.343	3.4	21.2
8 29	22 15.49	−15 22.5	1.325	2.330	3.0	21.2
9 8	22 6.05	−16 5.9	1.339	2.318	7.8	21.4
9 18	21 58.11	−16 35.1	1.377	2.305	12.4	21.6
9 28	21 52.65	−16 47.1	1.436	2.292	16.5	21.9

141177 2001 XD_{152} 8 25.8 155°.36 1°.1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.70	−12 10.2	2.734	3.572	10.5	20.5
7 30	22 37.02	−12 47.5	2.659	3.579	8.0	20.4
8 9	22 30.90	−13 30.9	2.609	3.586	5.1	20.2
8 19	22 23.77	−14 16.8	2.587	3.593	2.1	20.0
8 29	22 16.22	−15 1.3	2.594	3.599	1.9	20.0
9 8	22 8.91	−15 40.4	2.630	3.604	4.8	20.2
9 18	22 2.45	−16 11.4	2.694	3.609	7.6	20.4
9 28	21 57.37	−16 32.3	2.783	3.613	10.2	20.6

264905 2002 TH_{107} 8 25.8 338°.14 0°.4/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.54	− 7 40.2	1.104	1.988	19.4	20.0
7 30	22 35.85	− 7 50.1	1.030	1.973	15.2	19.7
8 9	22 31.22	− 8 18.7	0.974	1.958	10.1	19.4
8 19	22 24.20	− 9 2.4	0.938	1.945	4.3	19.0
8 29	22 15.96	− 9 54.1	0.924	1.933	1.9	18.8
9 8	22 8.03	−10 44.4	0.932	1.922	8.0	19.1
9 18	22 1.88	−11 25.0	0.961	1.913	13.7	19.4
9 28	21 58.66	−11 49.6	1.010	1.906	18.6	19.7

513103 2017 WK_{24} 8 25.8 311°.25 6°.5/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.25	−20 42.6	1.290	2.179	16.9	21.1
7 30	22 40.03	−22 1.0	1.222	2.167	13.1	20.9
8 9	22 33.80	−23 25.7	1.174	2.156	9.1	20.6
8 19	22 25.21	−24 46.0	1.149	2.144	6.6	20.5
8 29	22 15.48	−25 50.3	1.147	2.133	7.9	20.5
9 8	22 6.16	−26 29.7	1.168	2.123	11.7	20.7
9 18	21 58.67	−26 40.3	1.210	2.113	15.9	20.9
9 28	21 54.12	−26 22.5	1.271	2.103	19.7	21.1

224038 2005 MP_{4} 8 25.8 28°.75 0°.1/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.17	− 8 29.6	1.135	2.013	19.5	20.4
7 30	22 38.97	− 8 46.1	1.085	2.024	15.0	20.1
8 9	22 32.88	− 9 19.0	1.052	2.035	9.7	19.9
8 19	22 24.72	−10 2.9	1.041	2.048	4.0	19.6
8 29	22 15.79	−10 50.2	1.052	2.061	1.9	19.5
9 8	22 7.57	−11 32.4	1.088	2.075	7.6	19.9
9 18	22 1.29	−12 3.2	1.145	2.091	12.6	20.2
9 28	21 57.85	−12 18.9	1.223	2.106	16.9	20.6

332057 2005 SY_2 8 25.8 346°.31 0°.5/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 34.54	− 6 55.7	1.043	1.933	19.8	20.0
7 30	22 33.61	− 7 11.6	0.973	1.919	15.5	19.7
8 9	22 29.77	− 7 48.7	0.921	1.907	10.3	19.4
8 19	22 23.60	− 8 42.9	0.889	1.896	4.5	19.0
8 29	22 16.27	− 9 46.3	0.878	1.887	1.9	18.8
9 8	22 9.30	−10 48.4	0.889	1.880	8.0	19.2
9 18	22 4.13	−11 39.7	0.920	1.874	13.7	19.5
9 28	22 1.87	−12 13.2	0.970	1.871	18.7	19.8

283870 2003 WC_{168} 8 25.8 290°.29 1°.6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.26	−10 49.3	1.844	2.700	14.1	21.0
7 30	22 37.73	−11 42.3	1.742	2.671	10.9	20.7
8 9	22 31.98	−12 48.8	1.661	2.642	7.0	20.4
8 19	22 24.43	−14 4.1	1.605	2.612	2.9	20.1
8 29	22 15.85	−15 21.2	1.577	2.582	2.7	20.0
9 8	22 7.28	−16 32.3	1.575	2.552	7.1	20.2
9 18	21 59.76	−17 30.8	1.599	2.521	11.4	20.4
9 28	21 54.25	−18 12.3	1.645	2.491	15.3	20.6

397084 2005 UL_{287} 8 25.8 17°.95 3°.0/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.27	+ 1 13.8	1.959	2.774	15.0	21.4
7 30	22 34.98	+ 0 54.9	1.881	2.776	12.0	21.2
8 9	22 29.87	+ 0 17.7	1.823	2.778	8.6	21.0
8 19	22 23.43	− 0 36.0	1.789	2.781	5.1	20.8
8 29	22 16.39	− 1 42.2	1.781	2.784	3.0	20.7
9 8	22 9.61	− 2 54.8	1.801	2.787	5.2	20.8
9 18	22 3.89	− 4 7.4	1.846	2.791	8.7	21.1
9 28	21 59.90	− 5 13.8	1.917	2.795	12.0	21.3

301413 2009 DN_{46} 8 25.8 219°.23 0°.6/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.24	− 9 7.1	2.041	2.887	13.3	21.1
7 30	22 37.23	− 9 47.9	1.961	2.884	10.2	20.9
8 9	22 31.33	−10 39.8	1.904	2.881	6.6	20.7
8 19	22 24.03	−11 38.7	1.872	2.878	2.6	20.4
8 29	22 16.10	−12 39.1	1.868	2.875	1.7	20.4
9 8	22 8.41	−13 35.1	1.891	2.872	5.7	20.6
9 18	22 1.80	−14 21.9	1.941	2.869	9.4	20.9
9 28	21 56.97	−14 56.1	2.015	2.865	12.7	21.1

326811 2003 SS_{431} 8 25.8 325°.91 3°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.20	+ 1 49.3	2.176	2.983	13.9	21.0
7 30	22 34.06	+ 1 32.7	2.086	2.975	11.3	20.8
8 9	22 29.25	+ 0 58.9	2.016	2.968	8.2	20.6
8 19	22 23.18	+ 0 9.2	1.971	2.961	5.0	20.4
8 29	22 16.51	− 0 53.1	1.953	2.954	3.1	20.2
9 8	22 10.00	− 2 2.8	1.961	2.947	4.9	20.3
9 18	22 4.40	− 3 14.0	1.997	2.941	8.2	20.5
9 28	22 0.37	− 4 20.9	2.058	2.935	11.3	20.7

350433 2012 VV_{85} 8 25.8 16°.50 2°.3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.01	−12 43.7	1.536	2.407	15.6	20.1
7 30	22 37.57	−13 33.9	1.471	2.409	11.9	19.9
8 9	22 31.78	−14 34.9	1.428	2.412	7.6	19.6
8 19	22 24.26	−15 40.2	1.408	2.415	3.3	19.4
8 29	22 16.01	−16 42.0	1.415	2.419	3.4	19.4
9 8	22 8.18	−17 32.9	1.446	2.423	7.6	19.7
9 18	22 1.83	−18 7.8	1.502	2.427	11.8	19.9
9 28	21 57.76	−18 24.5	1.579	2.432	15.4	20.2

233396 2006 FJ_{26} 8 25.8 215°.94 2°.5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.43	− 0 8.4	2.039	2.851	14.6	21.1
7 30	22 37.40	− 0 29.8	1.950	2.846	11.6	20.9
8 9	22 31.47	− 1 8.5	1.883	2.841	8.2	20.7
8 19	22 24.11	− 2 2.5	1.840	2.835	4.6	20.5
8 29	22 16.06	− 3 7.8	1.825	2.830	2.6	20.3
9 8	22 8.21	− 4 18.5	1.837	2.823	5.2	20.5
9 18	22 1.39	− 5 28.5	1.877	2.817	8.8	20.7
9 28	21 56.34	− 6 31.8	1.941	2.810	12.2	20.9

183783 2004 BE_{27} 8 25.8 242°.83 0°.7/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.14	− 6 16.2	1.815	2.651	15.1	21.2
7 30	22 40.59	− 6 37.7	1.721	2.637	11.8	21.0
8 9	22 33.75	− 7 13.5	1.649	2.622	7.9	20.7
8 19	22 25.12	− 8 0.5	1.602	2.606	3.5	20.4
8 29	22 15.55	− 8 53.9	1.582	2.590	1.5	20.3
9 8	22 6.13	− 9 47.2	1.589	2.574	6.0	20.5
9 18	21 57.90	−10 34.6	1.622	2.557	10.4	20.8
9 28	21 51.78	−11 11.4	1.679	2.539	14.3	21.0

57916 2002 EC_{111} 8 25.8 29°.86 2°.1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.59	−12 19.1	1.576	2.443	15.5	19.0
7 30	22 37.96	−13 11.9	1.511	2.447	11.7	18.8
8 9	22 32.00	−14 15.7	1.467	2.450	7.5	18.5
8 19	22 24.35	−15 24.3	1.448	2.454	3.2	18.3
8 29	22 15.97	−16 29.6	1.454	2.458	3.3	18.3
9 8	22 8.01	−17 24.2	1.486	2.462	7.5	18.6
9 18	22 1.49	−18 3.2	1.543	2.467	11.6	18.8
9 28	21 57.23	−18 24.0	1.621	2.472	15.2	19.1

390811 2004 HY_{69} 8 25.8 76°.89 1°.5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.20	−12 21.7	1.985	2.839	13.3	21.1
7 30	22 37.87	−13 1.9	1.922	2.850	10.1	20.9
8 9	22 31.66	−13 50.0	1.882	2.862	6.4	20.7
8 19	22 24.13	−14 41.2	1.868	2.874	2.7	20.5
8 29	22 16.09	−15 30.0	1.881	2.886	2.5	20.5
9 8	22 8.45	−16 11.0	1.922	2.898	6.1	20.8
9 18	22 2.00	−16 40.6	1.989	2.910	9.6	21.0
9 28	21 57.40	−16 56.9	2.080	2.922	12.6	21.3

403417 2009 SX_{78} 8 25.8 287°.50 1°.1/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.11	−13 4.1	2.393	3.236	11.7	21.2
7 30	22 39.30	−13 14.5	2.288	3.209	9.0	20.9
8 9	22 32.67	−13 30.4	2.205	3.182	5.8	20.7
8 19	22 24.61	−13 48.9	2.149	3.155	2.4	20.4
8 29	22 15.82	−14 6.4	2.122	3.128	1.9	20.3
9 8	22 7.10	−14 19.1	2.123	3.101	5.4	20.5
9 18	21 59.27	−14 24.2	2.152	3.073	9.0	20.7
9 28	21 53.06	−14 20.0	2.205	3.045	12.1	20.9

367742 2010 VT_{39} 8 25.8 2°.22 3°.5/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 37.52	− 6 35.9	0.816	1.717	22.9	19.4
7 30	22 36.36	− 5 35.1	0.764	1.713	18.1	19.1
8 9	22 31.73	− 4 51.9	0.727	1.711	12.6	18.8
8 19	22 24.42	− 4 26.7	0.708	1.712	6.6	18.5
8 29	22 15.94	− 4 16.8	0.708	1.715	3.7	18.4
9 8	22 8.17	− 4 16.3	0.727	1.721	8.5	18.7
9 18	22 2.72	− 4 18.6	0.765	1.729	14.2	19.0
9 28	22 0.68	− 4 17.1	0.821	1.739	19.3	19.4

5738 Billpickering 8 25.8 257°.22 8°.3/ 4.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.50	+20 53.4	2.939	3.583	13.9	20.9
7 30	22 38.70	+21 26.9	2.812	3.554	12.6	20.7
8 9	22 32.24	+21 41.4	2.703	3.523	11.1	20.6
8 19	22 24.45	+21 34.1	2.615	3.492	9.6	20.4
8 29	22 15.88	+21 3.6	2.552	3.459	8.6	20.3
9 8	22 7.23	+20 10.7	2.514	3.426	8.4	20.3
9 18	21 59.23	+18 58.7	2.503	3.392	9.3	20.3
9 28	21 52.54	+17 33.1	2.518	3.356	10.8	20.3

132682 2002 NW_{19} 8 25.8 340°.03 2°.6/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 35.63	−11 2.0	1.391	2.273	16.3	18.4
7 30	22 33.83	−12 19.5	1.317	2.261	12.4	18.1
8 9	22 29.59	−13 54.1	1.262	2.249	7.9	17.8
8 19	22 23.46	−15 38.2	1.231	2.238	3.5	17.5
8 29	22 16.38	−17 21.3	1.225	2.229	3.9	17.5
9 8	22 9.58	−18 52.3	1.244	2.220	8.6	17.8
9 18	22 4.20	−20 3.1	1.285	2.213	13.2	18.0
9 28	22 1.19	−20 49.0	1.347	2.206	17.2	18.3

136852 1998 DQ_{18} 8 25.8 223°.24 0°.7/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.88	− 8 30.3	1.547	2.402	16.4	20.4
7 30	22 39.86	− 9 13.9	1.470	2.398	12.6	20.2
8 9	22 33.36	−10 12.9	1.415	2.394	8.2	19.9
8 19	22 24.97	−11 22.1	1.383	2.390	3.3	19.6
8 29	22 15.68	−12 34.0	1.378	2.385	2.0	19.5
9 8	22 6.70	−13 40.3	1.398	2.381	7.0	19.8
9 18	21 59.19	−14 34.2	1.444	2.376	11.6	20.1
9 28	21 54.04	−15 11.5	1.511	2.370	15.6	20.3

294267 2007 UX_{95} 8 25.8 73°.96 4°.2/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.56	+ 2 0.0	1.320	2.151	20.0	20.6
7 30	22 39.73	+ 1 51.8	1.261	2.164	16.1	20.4
8 9	22 33.27	+ 1 18.1	1.219	2.178	11.6	20.1
8 19	22 24.90	+ 0 20.7	1.199	2.191	7.0	19.9
8 29	22 15.75	− 0 54.4	1.202	2.205	4.2	19.8
9 8	22 7.16	− 2 18.2	1.231	2.218	6.8	20.0
9 18	22 0.29	− 3 40.8	1.283	2.232	11.2	20.3
9 28	21 56.00	− 4 53.9	1.358	2.245	15.3	20.6

295135 2008 FN_{30} 8 25.8 54°.57 0°.6/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.47	− 8 14.2	1.299	2.165	18.2	20.5
7 30	22 39.60	− 8 56.7	1.250	2.183	13.9	20.3
8 9	22 33.12	− 9 55.1	1.220	2.201	8.9	20.0
8 19	22 24.80	−11 3.0	1.213	2.220	3.5	19.8
8 29	22 15.83	−12 11.7	1.230	2.238	2.1	19.7
9 8	22 7.54	−13 12.7	1.273	2.257	7.2	20.1
9 18	22 1.04	−13 59.6	1.339	2.277	11.9	20.4
9 28	21 57.13	−14 29.0	1.427	2.296	15.8	20.7

21776 Kryszczyńska 8 25.8 300°.79 3°.3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.72	−15 18.3	1.653	2.524	14.7	18.8
7 30	22 38.18	−16 13.5	1.573	2.510	11.2	18.6
8 9	22 32.28	−17 17.9	1.514	2.497	7.3	18.3
8 19	22 24.54	−18 24.8	1.480	2.484	3.8	18.1
8 29	22 15.90	−19 26.4	1.471	2.471	4.3	18.1
9 8	22 7.51	−20 15.3	1.488	2.458	8.2	18.3
9 18	22 0.45	−20 46.5	1.530	2.445	12.3	18.5
9 28	21 55.65	−20 57.9	1.592	2.433	15.9	18.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
313025 2000 AT_{219}			8 25.8 211°.71		1°.3/26.8 18	
	h m	° ′			°	m
7 20	22 43.70	− 5 45.5	1.907	2.741	14.6	21.4
7 30	22 39.20	− 5 48.0	1.828	2.740	11.4	21.2
8 9	22 32.66	− 6 2.9	1.770	2.740	7.7	21.0
8 19	22 24.62	− 6 27.6	1.737	2.739	3.6	20.7
8 29	22 15.90	− 6 58.4	1.731	2.739	1.6	20.6
9 8	22 7.48	− 7 30.6	1.752	2.738	5.4	20.8
9 18	22 0.26	− 7 59.7	1.800	2.738	9.3	21.1
9 28	21 54.97	− 8 21.9	1.871	2.737	12.8	21.3
281111 2007 AU_{6}			8 25.8 244°.40		1°.3/24.7 18	
7 20	22 45.09	−11 3.3	1.826	2.676	14.5	21.5
7 30	22 40.56	−11 42.0	1.736	2.662	11.1	21.2
8 9	22 33.74	−12 31.9	1.669	2.648	7.2	21.0
8 19	22 25.15	−13 28.4	1.626	2.632	2.9	20.7
8 29	22 15.64	−14 25.1	1.611	2.617	2.4	20.6
9 8	22 6.31	−15 15.4	1.623	2.601	6.7	20.8
9 18	21 58.19	−15 54.2	1.661	2.584	11.0	21.0
9 28	21 52.19	−16 18.0	1.721	2.567	14.7	21.2
15539 2000 CN_{3}			8 25.8 254°.46		4°.0/17.2 18	
7 20	22 35.01	−30 19.5	4.512	5.363	6.5	17.9
7 30	22 31.63	−31 21.3	4.447	5.360	5.2	17.8
8 9	22 27.31	−32 20.5	4.409	5.357	4.3	17.7
8 19	22 22.32	−33 14.0	4.399	5.354	4.0	17.7
8 29	22 17.03	−33 58.9	4.417	5.350	4.5	17.8
9 8	22 11.85	−34 33.1	4.462	5.347	5.7	17.8
9 18	22 7.15	−34 55.4	4.533	5.344	6.9	17.9
9 28	22 3.31	−35 5.7	4.627	5.341	8.1	18.0
403953 2012 BP_{47}			8 25.8 160°.40		1°.9/23.8 18	
7 20	22 45.05	−16 40.8	2.786	3.627	10.3	20.9
7 30	22 39.53	−16 56.6	2.710	3.631	7.8	20.7
8 9	22 32.52	−17 14.7	2.659	3.636	5.0	20.5
8 19	22 24.47	−17 31.9	2.636	3.640	2.4	20.4
8 29	22 16.02	−17 45.1	2.642	3.643	2.5	20.4
9 8	22 7.85	−17 51.4	2.678	3.646	5.1	20.6
9 18	22 0.60	−17 49.2	2.742	3.649	7.8	20.8
9 28	21 54.81	−17 37.9	2.831	3.652	10.3	20.9
261998 2006 QK_{47}			8 25.8 283°.66		2°.1/24.2 18	
7 20	22 43.64	−11 57.7	1.491	2.357	16.3	20.4
7 30	22 40.04	−12 43.4	1.401	2.336	12.5	20.1
8 9	22 33.74	−13 42.8	1.331	2.314	8.1	19.8
8 19	22 25.26	−14 50.3	1.285	2.292	3.5	19.5
8 29	22 15.57	−15 57.6	1.265	2.270	3.3	19.4
9 8	22 5.99	−16 55.9	1.270	2.248	8.2	19.7
9 18	21 57.84	−17 38.5	1.298	2.225	13.1	19.9
9 28	21 52.22	−18 1.3	1.348	2.203	17.4	20.1
325357 2008 LS_{12}			8 25.8 330°.00		6°.3/ 2.1 18	
7 20	22 37.54	+11 21.5	2.227	2.977	15.3	20.6
7 30	22 34.33	+11 28.3	2.136	2.973	13.1	20.4
8 9	22 29.44	+11 13.7	2.064	2.969	10.6	20.2
8 19	22 23.30	+10 36.8	2.014	2.965	8.1	20.0
8 29	22 16.56	+ 9 39.0	1.989	2.961	6.5	19.9
9 8	22 9.98	+ 8 24.5	1.990	2.957	6.7	20.0
9 18	22 4.31	+ 6 59.3	2.018	2.954	8.6	20.1
9 28	22 0.19	+ 5 30.6	2.071	2.950	11.1	20.2
92193 1999 XG_{230}			8 25.8 277°.07		3°.6/29.2 18	R
7 20	22 41.26	+ 1 21.6	2.302	3.099	13.5	19.1
7 30	22 37.10	+ 1 36.4	2.206	3.089	11.0	19.0
8 9	22 31.22	+ 1 37.1	2.132	3.079	8.1	18.8
8 19	22 24.04	+ 1 24.2	2.083	3.068	5.2	18.6
8 29	22 16.21	+ 0 59.3	2.060	3.058	3.6	18.4
9 8	22 8.51	+ 0 25.9	2.065	3.047	5.2	18.5
9 18	22 1.71	− 0 11.9	2.097	3.036	8.1	18.7
9 28	21 56.47	− 0 49.5	2.155	3.026	11.1	18.9
219142 1998 XP_{14}			8 25.8 267°.62		2°.5/23.7 18	
7 20	22 43.72	−13 13.7	1.701	2.562	14.8	20.6
7 30	22 39.73	−14 6.7	1.612	2.545	11.4	20.4
8 9	22 33.33	−15 10.9	1.546	2.527	7.3	20.1
8 19	22 25.02	−16 20.6	1.503	2.509	3.4	19.8
8 29	22 15.71	−17 27.7	1.488	2.491	3.6	19.8
9 8	22 6.56	−18 24.8	1.499	2.472	7.8	20.0
9 18	21 58.70	−19 6.1	1.535	2.453	12.1	20.2
9 28	21 53.08	−19 28.5	1.592	2.434	15.9	20.4
7853 Confucius			8 25.8 152°.29		0°.7/25.0 18	R
7 20	22 42.55	−11 15.7	2.871	3.703	10.3	18.9
7 30	22 37.59	−11 40.6	2.796	3.712	7.8	18.7
8 9	22 31.26	−12 11.3	2.745	3.720	5.0	18.6
8 19	22 23.97	−12 44.8	2.722	3.728	2.0	18.4
8 29	22 16.29	−13 17.8	2.728	3.735	1.4	18.3
9 8	22 8.85	−13 47.1	2.764	3.742	4.4	18.6
9 18	22 2.23	−14 10.0	2.829	3.748	7.2	18.8
9 28	21 56.94	−14 24.8	2.919	3.754	9.6	18.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
281225 2007 HA_{86}			8 25.8 141°.24		2°.6/23.2 17	
	h m	° ′			°	m
7 20	22 44.68	−14 41.5	2.004	2.858	13.2	21.8
7 30	22 39.82	−15 41.2	1.940	2.868	10.0	21.6
8 9	22 32.98	−16 47.8	1.898	2.878	6.4	21.4
8 19	22 24.74	−17 55.3	1.883	2.887	3.2	21.2
8 29	22 15.92	−18 57.2	1.895	2.895	3.5	21.2
9 8	22 7.47	−19 47.7	1.936	2.903	6.9	21.5
9 18	22 0.26	−20 23.2	2.003	2.910	10.3	21.7
9 28	21 54.97	−20 42.1	2.093	2.917	13.2	21.9
369296 2009 SU_{19}			8 25.8 167°.37		1°.6/27.8 18	
7 20	22 51.47	− 0 34.7	3.146	3.912	10.9	24.0
7 30	22 44.21	− 1 13.9	3.052	3.923	8.6	23.9
8 9	22 35.48	− 2 4.8	2.984	3.932	6.0	23.7
8 19	22 25.71	− 3 5.3	2.945	3.939	3.2	23.5
8 29	22 15.46	− 4 12.0	2.940	3.945	1.6	23.4
9 8	22 5.42	− 5 20.6	2.968	3.949	3.8	23.6
9 18	21 56.20	− 6 27.0	3.029	3.951	6.6	23.8
9 28	21 48.35	− 7 27.4	3.119	3.952	9.1	24.0
198335 2004 UP_{2}			8 25.8 4°.93		10°.0/18.6 18	
7 20	22 39.80	−27 22.2	1.110	2.014	17.8	18.5
7 30	22 37.67	−28 56.9	1.066	2.013	14.3	18.3
8 9	22 32.33	−30 27.5	1.041	2.014	11.2	18.1
8 19	22 24.63	−31 40.7	1.036	2.017	10.0	18.0
8 29	22 16.00	−32 24.8	1.053	2.020	11.4	18.1
9 8	22 8.14	−32 33.6	1.090	2.026	14.5	18.3
9 18	22 2.43	−32 7.2	1.146	2.033	17.9	18.6
9 28	21 59.81	−31 10.1	1.219	2.041	21.0	18.8
505717 2015 AP_{168}			8 25.8 123°.01		0°.3/25.6 17	
7 20	22 46.31	− 8 44.6	1.726	2.571	15.4	22.0
7 30	22 41.29	− 9 13.5	1.661	2.582	11.8	21.8
8 9	22 34.04	− 9 54.2	1.617	2.594	7.6	21.6
8 19	22 25.21	−10 42.5	1.599	2.605	3.1	21.3
8 29	22 15.74	−11 32.2	1.607	2.615	1.6	21.2
9 8	22 6.73	−12 17.4	1.643	2.626	6.1	21.6
9 18	21 59.16	−12 53.1	1.705	2.635	10.3	21.8
9 28	21 53.77	−13 16.4	1.790	2.645	13.8	22.1
44191 1998 LF_{2}			8 25.8 53°.19		0°.5/26.2 18	
7 20	22 41.41	− 4 41.3	1.280	2.141	18.8	18.4
7 30	22 38.14	− 5 34.1	1.226	2.155	14.5	18.1
8 9	22 32.28	− 6 48.1	1.192	2.170	9.5	17.9
8 19	22 24.54	− 8 17.0	1.179	2.185	4.1	17.6
8 29	22 16.07	− 9 51.4	1.191	2.200	1.6	17.5
9 8	22 8.19	−11 20.5	1.228	2.216	7.0	17.9
9 18	22 2.04	−12 35.9	1.290	2.232	11.8	18.2
9 28	21 58.43	−13 32.0	1.372	2.248	15.9	18.5
14767 1137 $T\text{-}_{1}$			8 25.8 0°.05		3°.0/27.4 18	
7 20	22 39.75	− 4 54.4	0.926	1.812	22.2	16.6
7 30	22 37.86	− 4 25.4	0.868	1.808	17.6	16.3
8 9	22 32.65	− 4 17.4	0.825	1.805	12.2	16.0
8 19	22 24.86	− 4 29.3	0.801	1.805	6.3	15.7
8 29	22 15.89	− 4 56.2	0.798	1.805	3.2	15.5
9 8	22 7.50	− 5 29.9	0.815	1.808	8.1	15.8
9 18	22 1.27	− 6 1.8	0.853	1.812	13.9	16.1
9 28	21 58.31	− 6 24.6	0.908	1.817	18.9	16.5
247318 2001 TM_{186}			8 25.8 266°.46		7°.6/ 2.9 18	
7 20	22 39.97	+14 2.6	2.248	2.975	15.8	20.8
7 30	22 36.27	+14 30.3	2.149	2.964	13.8	20.6
8 9	22 30.78	+14 36.6	2.069	2.953	11.5	20.4
8 19	22 23.91	+14 19.4	2.010	2.941	9.3	20.3
8 29	22 16.32	+13 38.6	1.975	2.930	7.8	20.2
9 8	22 8.83	+12 37.2	1.966	2.918	7.8	20.1
9 18	22 2.23	+11 20.4	1.982	2.907	9.4	20.2
9 28	21 57.26	+ 9 55.3	2.023	2.895	11.7	20.4
373151 2012 BF_{122}			8 25.8 59°.28		1°.5/24.7 17	
7 20	22 44.57	−10 16.7	1.265	2.136	18.3	21.1
7 30	22 40.54	−11 6.3	1.217	2.154	13.9	20.9
8 9	22 33.79	−12 10.1	1.189	2.173	8.8	20.7
8 19	22 25.14	−13 20.7	1.184	2.191	3.5	20.4
8 29	22 15.82	−14 28.6	1.203	2.210	2.8	20.4
9 8	22 7.23	−15 25.5	1.247	2.229	7.8	20.8
9 18	22 0.51	−16 5.5	1.315	2.248	12.5	21.1
9 28	21 56.47	−16 26.4	1.403	2.267	16.4	21.4
377842 2006 BC_{166}			8 25.8 250°.96		0°.7/25.2 18	
7 20	22 42.30	− 8 54.1	1.879	2.727	14.2	21.2
7 30	22 38.33	− 9 38.9	1.791	2.715	10.9	20.9
8 9	22 32.25	−10 36.8	1.726	2.704	7.1	20.7
8 19	22 24.55	−11 43.5	1.685	2.692	2.8	20.4
8 29	22 16.04	−12 52.6	1.672	2.679	1.9	20.3
9 8	22 7.70	−13 57.2	1.686	2.667	6.2	20.5
9 18	22 0.50	−14 51.5	1.726	2.654	10.4	20.8
9 28	21 55.26	−15 31.4	1.790	2.641	14.0	21.0

246615 2008 VD_{79} 8 25.8 276°.18 4°.7/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.91	−19 56.2	1.823	2.694	13.6	20.2
7 30	22 38.85	−21 5.0	1.754	2.690	10.4	20.0
8 9	22 32.58	−22 17.9	1.708	2.686	7.1	19.8
8 19	22 24.66	−23 27.5	1.686	2.682	4.9	19.7
8 29	22 16.01	−24 26.0	1.691	2.678	5.8	19.7
9 8	22 7.68	−25 7.3	1.722	2.674	8.8	19.9
9 18	22 0.68	−25 28.3	1.778	2.670	12.2	20.1
9 28	21 55.80	−25 28.4	1.854	2.667	15.2	20.3

41923 2000 WN_{159} 8 25.8 290°.73 9°.1/17.1 18

7 20	22 45.56	−30 54.1	1.712	2.583	14.3	18.0
7 30	22 41.38	−32 27.3	1.644	2.568	11.8	17.8
8 9	22 34.51	−33 56.5	1.598	2.552	9.8	17.7
8 19	22 25.54	−35 11.1	1.576	2.537	9.2	17.6
8 29	22 15.58	−36 1.8	1.578	2.521	10.4	17.7
9 8	22 5.96	−36 22.6	1.604	2.506	12.9	17.8
9 18	21 57.95	−36 12.5	1.651	2.490	15.7	17.9
9 28	21 52.53	−35 34.0	1.716	2.475	18.3	18.1

443679 2015 KP_{13} 8 25.8 12°.60 3°.6/22.4 17

7 20	22 37.29	−12 59.3	1.419	2.301	16.0	20.4
7 30	22 34.97	−14 36.9	1.359	2.304	12.1	20.2
8 9	22 30.25	−16 28.3	1.321	2.307	7.7	20.0
8 19	22 23.75	−18 23.9	1.307	2.311	4.0	19.8
8 29	22 16.47	−20 12.2	1.318	2.316	4.9	19.8
9 8	22 9.59	−21 43.0	1.354	2.322	9.0	20.1
9 18	22 4.21	−22 49.7	1.413	2.329	13.1	20.4
9 28	22 1.15	−23 29.8	1.493	2.336	16.7	20.6

69495 1997 AY_{17} 8 25.8 279°.57 1°.9/24.5 18

7 20	22 45.83	−12 25.9	1.561	2.422	15.9	19.4
7 30	22 41.68	−12 57.5	1.466	2.398	12.3	19.1
8 9	22 34.83	−13 40.8	1.393	2.374	8.0	18.8
8 19	22 25.77	−14 30.5	1.342	2.349	3.4	18.4
8 29	22 15.47	−15 19.7	1.318	2.324	3.0	18.3
9 8	22 5.25	−16 0.7	1.320	2.298	7.9	18.6
9 18	21 56.42	−16 27.9	1.346	2.272	12.7	18.8
9 28	21 50.08	−16 37.9	1.393	2.247	17.0	19.0

294216 2007 UM_{4} 8 25.8 4°.46 10°.0/20.1 18

7 20	22 50.55	−32 46.2	1.354	2.230	17.1	19.6
7 30	22 45.44	−33 29.2	1.303	2.229	14.0	19.4
8 9	22 37.12	−34 0.7	1.272	2.230	11.4	19.3
8 19	22 26.55	−34 10.9	1.263	2.231	10.1	19.2
8 29	22 15.25	−33 52.1	1.276	2.234	10.9	19.3
9 8	22 4.89	−33 2.0	1.312	2.238	13.4	19.4
9 18	21 56.83	−31 43.8	1.370	2.242	16.3	19.6
9 28	21 51.92	−30 3.5	1.446	2.248	19.2	19.8

122780 2000 ST_{82} 8 25.8 123°.85 0°.8/26.6 18

7 20	22 41.94	− 4 38.7	1.799	2.636	15.2	19.5
7 30	22 37.97	− 5 17.3	1.726	2.641	11.8	19.3
8 9	22 31.94	− 6 11.9	1.675	2.647	7.9	19.1
8 19	22 24.40	− 7 18.7	1.648	2.652	3.5	18.8
8 29	22 16.20	− 8 31.5	1.648	2.656	1.4	18.7
9 8	22 8.33	− 9 43.3	1.675	2.661	5.6	19.0
9 18	22 1.70	−10 47.7	1.729	2.666	9.7	19.3
9 28	21 57.04	−11 39.8	1.806	2.670	13.3	19.5

121686 1999 XM_{61} 8 25.8 279°.69 0°.3/25.5 18

7 20	22 40.15	− 8 57.7	2.308	3.149	12.2	20.8
7 30	22 36.31	− 9 27.5	2.214	3.134	9.4	20.6
8 9	22 30.76	−10 7.1	2.143	3.119	6.1	20.4
8 19	22 23.92	−10 53.4	2.097	3.103	2.5	20.1
8 29	22 16.43	−11 42.2	2.080	3.088	1.4	20.0
9 8	22 9.07	−12 28.5	2.090	3.072	5.1	20.3
9 18	22 2.60	−13 8.1	2.128	3.057	8.6	20.5
9 28	21 57.69	−13 37.7	2.190	3.041	11.8	20.6

399127 2014 DS_{140} 8 25.8 8°.69 2°.2/27.8 18

7 20	22 41.55	− 2 25.5	1.809	2.638	15.5	21.3
7 30	22 37.70	− 2 34.2	1.731	2.639	12.2	21.1
8 9	22 31.79	− 2 58.9	1.674	2.639	8.5	20.9
8 19	22 24.36	− 3 37.7	1.641	2.639	4.5	20.7
8 29	22 16.24	− 4 26.4	1.633	2.640	2.3	20.5
9 8	22 8.40	− 5 19.3	1.653	2.640	5.5	20.7
9 18	22 1.76	− 6 10.4	1.699	2.641	9.4	21.0
9 28	21 57.08	− 6 54.4	1.768	2.642	13.0	21.2

48798 Penghuanwu 8 25.8 41°.61 0°.1/25.7 18

7 20	22 45.96	−10 22.3	1.627	2.480	15.8	17.8
7 30	22 41.12	−10 19.0	1.564	2.491	12.1	17.6
8 9	22 33.99	−10 25.1	1.523	2.501	7.9	17.4
8 19	22 25.23	−10 37.0	1.506	2.512	3.2	17.1
8 29	22 15.86	−10 50.5	1.515	2.524	1.6	17.0
9 8	22 7.02	−11 1.1	1.551	2.535	6.2	17.4
9 18	21 59.70	−11 5.2	1.612	2.548	10.4	17.6
9 28	21 54.65	−11 0.7	1.695	2.560	14.0	17.9

432667 2011 AA_{44} 8 25.8 118°.81 0°.3/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 46.84	− 8 58.3	1.877	2.716	14.6	22.2
7 30	22 41.49	− 9 25.6	1.814	2.732	11.1	22.0
8 9	22 34.09	−10 3.4	1.773	2.748	7.2	21.8
8 19	22 25.25	−10 47.6	1.758	2.764	2.9	21.5
8 29	22 15.86	−11 32.9	1.770	2.778	1.5	21.5
9 8	22 6.94	−12 13.7	1.811	2.793	5.7	21.8
9 18	21 59.37	−12 45.9	1.878	2.806	9.6	22.0
9 28	21 53.84	−13 6.9	1.969	2.819	12.9	22.3

13407 1999 TF_{4} 8 25.8 267°.38 1°.0/24.8 18

7 20	22 41.49	−11 26.2	2.536	3.377	11.2	18.8
7 30	22 37.23	−11 58.0	2.434	3.355	8.6	18.5
8 9	22 31.32	−12 37.5	2.356	3.333	5.5	18.3
8 19	22 24.15	−13 21.5	2.304	3.310	2.3	18.1
8 29	22 16.33	−14 5.7	2.281	3.288	1.8	18.0
9 8	22 8.59	−14 45.9	2.287	3.264	5.1	18.2
9 18	22 1.64	−15 18.3	2.321	3.241	8.4	18.4
9 28	21 56.16	−15 40.3	2.379	3.217	11.4	18.5

250808 2005 UH_{36} 8 25.8 38°.55 2°.6/28.3 18

7 20	22 40.05	− 1 4.2	1.960	2.781	14.7	20.8
7 30	22 36.34	− 1 11.9	1.887	2.788	11.7	20.6
8 9	22 30.79	− 1 35.4	1.835	2.795	8.2	20.4
8 19	22 23.92	− 2 12.8	1.807	2.802	4.6	20.2
8 29	22 16.47	− 3 0.3	1.805	2.810	2.6	20.1
9 8	22 9.33	− 3 52.7	1.831	2.818	5.1	20.3
9 18	22 3.30	− 4 44.5	1.883	2.826	8.6	20.5
9 28	21 59.03	− 5 30.7	1.959	2.834	11.9	20.7

70490 1999 TT_{55} 8 25.8 76°.64 7°.4/20.5 17

7 20	22 50.96	−28 36.8	1.718	2.582	14.6	19.0
7 30	22 44.94	−29 28.4	1.672	2.596	11.6	18.8
8 9	22 36.42	−30 13.8	1.648	2.610	8.8	18.7
8 19	22 26.19	−30 45.1	1.648	2.624	7.4	18.6
8 29	22 15.45	−30 55.8	1.673	2.637	8.2	18.7
9 8	22 5.48	−30 43.0	1.724	2.651	10.6	18.9
9 18	21 57.33	−30 7.6	1.798	2.665	13.3	19.1
9 28	21 51.73	−29 12.8	1.893	2.679	15.9	19.3

103620 2000 CJ_{24} 8 25.8 208°.27 0°.1/25.7 18

7 20	22 43.38	− 6 47.2	1.861	2.700	14.7	20.6
7 30	22 39.14	− 7 36.5	1.777	2.696	11.3	20.4
8 9	22 32.77	− 8 40.8	1.716	2.691	7.4	20.2
8 19	22 24.80	− 9 55.7	1.680	2.685	3.1	19.9
8 29	22 16.04	−11 14.8	1.671	2.679	1.5	19.8
9 8	22 7.51	−12 30.5	1.690	2.673	6.0	20.0
9 18	22 0.16	−13 36.6	1.736	2.666	10.2	20.3
9 28	21 54.80	−14 28.4	1.805	2.658	13.8	20.5

260179 2004 RS_{112} 8 25.8 19°.58 8°.3/ 1.8 18

7 20	22 42.00	+10 32.1	1.811	2.575	17.8	19.2
7 30	22 38.07	+11 38.1	1.739	2.582	15.4	19.0
8 9	22 32.06	+12 22.6	1.685	2.589	12.6	18.8
8 19	22 24.48	+12 42.9	1.652	2.596	10.1	18.7
8 29	22 16.20	+12 38.4	1.642	2.605	8.5	18.6
9 8	22 8.21	+12 11.9	1.657	2.614	8.7	18.7
9 18	22 1.45	+11 28.8	1.696	2.624	10.5	18.8
9 28	21 56.68	+10 36.2	1.759	2.634	13.0	19.0

177464 2004 DF_{48} 8 25.8 131°.59 0°.2/26.0 17

7 20	22 45.07	− 6 46.7	1.783	2.622	15.2	21.0
7 30	22 40.33	− 7 22.4	1.715	2.632	11.7	20.8
8 9	22 33.45	− 8 11.8	1.669	2.643	7.7	20.6
8 19	22 25.03	− 9 10.7	1.647	2.653	3.2	20.3
8 29	22 15.97	−10 13.0	1.653	2.662	1.4	20.2
9 8	22 7.31	−11 12.2	1.687	2.671	5.8	20.5
9 18	22 0.00	−12 2.5	1.747	2.679	9.9	20.8
9 28	21 54.77	−12 40.3	1.830	2.687	13.4	21.0

115121 2003 SP_{46} 8 25.8 293°.02 2°.3/28.4 18

7 20	22 38.19	− 0 20.2	2.325	3.136	13.0	19.7
7 30	22 34.83	− 0 40.3	2.222	3.117	10.4	19.5
8 9	22 29.83	− 1 15.7	2.141	3.098	7.4	19.2
8 19	22 23.56	− 2 5.0	2.085	3.079	4.2	19.0
8 29	22 16.62	− 3 5.0	2.056	3.060	2.4	18.9
9 8	22 9.77	− 4 10.7	2.055	3.041	4.7	19.0
9 18	22 3.73	− 5 16.7	2.081	3.023	8.0	19.2
9 28	21 59.17	− 6 17.9	2.133	3.004	11.2	19.3

67302 2000 GU_{132} 8 25.8 23°.61 11°.7/ 6.9 17

7 20	22 35.67	+21 32.2	1.076	1.838	27.7	18.8
7 30	22 34.50	+21 17.1	1.007	1.840	24.6	18.6
8 9	22 30.39	+20 8.6	0.950	1.844	20.9	18.3
8 19	22 23.96	+18 0.3	0.908	1.848	16.7	18.1
8 29	22 16.43	+14 53.7	0.885	1.852	13.1	17.9
9 8	22 9.34	+11 2.6	0.884	1.857	11.7	17.9
9 18	22 4.11	+ 6 50.3	0.907	1.863	13.7	18.0
9 28	22 1.83	+ 2 43.4	0.953	1.869	17.5	18.3

260308 2004 TJ_{126} 8 25.8 330°.91 1°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 39.16	−11 31.6	1.815	2.677	14.0	20.4
7 30	22 36.00	−12 4.4	1.731	2.664	10.7	20.2
8 9	22 30.77	−12 47.3	1.669	2.651	6.9	19.9
8 19	22 23.98	−13 36.1	1.632	2.639	2.8	19.7
8 29	22 16.43	−14 24.9	1.621	2.627	2.3	19.6
9 8	22 9.10	−15 7.6	1.636	2.616	6.5	19.9
9 18	22 2.91	−15 39.5	1.676	2.606	10.5	20.1
9 28	21 58.67	−15 57.4	1.739	2.596	14.0	20.3

137942 2000 BB_{47} 8 25.8 256°.78 2°.2/24.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.44	−12 8.4	1.568	2.433	15.7	19.5
7 30	22 39.57	−13 1.6	1.493	2.427	12.0	19.2
8 9	22 33.24	−14 7.1	1.439	2.422	7.7	19.0
8 19	22 25.04	−15 18.5	1.410	2.416	3.3	18.7
8 29	22 15.94	−16 27.6	1.406	2.410	3.3	18.7
9 8	22 7.15	−17 26.5	1.428	2.404	7.7	18.9
9 18	21 59.82	−18 9.2	1.475	2.399	12.1	19.2
9 28	21 54.83	−18 33.0	1.543	2.393	15.9	19.4

34544 2000 SP_{233} 8 25.8 112°.23 3°.4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.74	−14 4.3	1.462	2.331	16.4	18.9
7 30	22 41.31	−15 19.4	1.405	2.342	12.4	18.7
8 9	22 34.31	−16 44.9	1.370	2.353	8.0	18.5
8 19	22 25.43	−18 12.2	1.359	2.363	4.0	18.3
8 29	22 15.80	−19 31.6	1.374	2.373	4.6	18.4
9 8	22 6.73	−20 34.5	1.415	2.383	8.6	18.6
9 18	21 59.34	−21 16.4	1.479	2.393	12.8	18.9
9 28	21 54.48	−21 35.7	1.565	2.402	16.3	19.2

386188 2007 VB_{120} 8 25.8 103°.03 1°.0/26.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.51	− 4 41.8	1.922	2.756	14.5	21.3
7 30	22 37.51	− 5 12.2	1.849	2.762	11.3	21.1
8 9	22 31.59	− 5 57.2	1.798	2.768	7.5	20.9
8 19	22 24.27	− 6 53.2	1.771	2.774	3.5	20.7
8 29	22 16.34	− 7 55.2	1.772	2.780	1.4	20.6
9 8	22 8.73	− 8 56.9	1.800	2.786	5.3	20.8
9 18	22 2.28	− 9 52.8	1.855	2.792	9.1	21.1
9 28	21 57.67	−10 38.3	1.933	2.797	12.5	21.3

154893 2004 RV_{191} 8 25.8 169°.63 0°.6/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.22	−11 23.9	2.315	3.157	12.1	19.9
7 30	22 38.51	−11 36.2	2.237	3.157	9.2	19.8
8 9	22 32.09	−11 55.1	2.181	3.158	5.9	19.6
8 19	22 24.44	−12 17.7	2.152	3.158	2.4	19.3
8 29	22 16.27	−12 40.2	2.151	3.158	1.5	19.3
9 8	22 8.37	−12 59.0	2.178	3.158	5.1	19.5
9 18	22 1.48	−13 11.2	2.233	3.159	8.4	19.7
9 28	21 56.21	−13 14.8	2.312	3.159	11.4	19.9

37548 1981 EO_{30} 8 25.8 62°.88 2°.8/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.40	+ 1 34.9	1.603	2.426	17.4	18.6
7 30	22 36.91	+ 0 50.4	1.542	2.443	13.8	18.4
8 9	22 31.29	− 0 17.1	1.501	2.461	9.7	18.2
8 19	22 24.15	− 1 43.9	1.483	2.479	5.4	18.0
8 29	22 16.42	− 3 23.1	1.491	2.497	2.8	17.8
9 8	22 9.14	− 5 5.6	1.526	2.515	5.7	18.1
9 18	22 3.24	− 6 42.4	1.588	2.533	9.7	18.4
9 28	21 59.42	− 8 6.5	1.673	2.551	13.4	18.6

437867 2000 YR_{15} 8 25.8 235°.17 11°.5/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 51.02	+22 56.2	2.444	3.073	16.7	21.4
7 30	22 44.95	+24 37.1	2.340	3.059	15.4	21.2
8 9	22 36.64	+25 59.1	2.254	3.045	13.9	21.1
8 19	22 26.50	+26 56.6	2.188	3.030	12.5	21.0
8 29	22 15.25	+27 25.5	2.145	3.014	11.6	20.9
9 8	22 3.85	+27 25.0	2.127	2.997	11.5	20.8
9 18	21 53.33	+26 57.4	2.132	2.980	12.3	20.9
9 28	21 44.63	+26 8.3	2.160	2.963	13.6	20.9

280173 2002 RJ_{38} 8 25.8 44°.36 3°.3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.67	+ 2 47.5	1.672	2.489	17.0	19.8
7 30	22 35.60	+ 2 11.3	1.603	2.499	13.7	19.6
8 9	22 30.47	+ 1 11.6	1.553	2.508	9.9	19.4
8 19	22 23.84	− 0 8.7	1.526	2.518	5.8	19.2
8 29	22 16.57	− 1 43.8	1.525	2.529	3.3	19.1
9 8	22 9.66	− 3 25.3	1.551	2.539	5.7	19.2
9 18	22 4.01	− 5 4.1	1.603	2.550	9.5	19.5
9 28	22 0.34	− 6 32.6	1.679	2.561	13.1	19.7

469256 2016 JE_{27} 8 25.8 47°.04 4°.6/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.01	−16 23.9	1.248	2.133	17.6	20.2
7 30	22 40.40	−17 37.2	1.196	2.141	13.4	20.0
8 9	22 33.92	−18 59.4	1.164	2.149	8.7	19.8
8 19	22 25.33	−20 20.6	1.154	2.157	5.0	19.6
8 29	22 15.90	−21 30.0	1.169	2.165	5.9	19.7
9 8	22 7.12	−22 19.0	1.207	2.174	10.0	19.9
9 18	22 0.24	−22 43.5	1.267	2.183	14.3	20.2
9 28	21 56.18	−22 43.3	1.347	2.192	18.0	20.5

415776 2000 VQ_{1} 8 25.8 228°.40 3°.0/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 48.57	−16 9.4	2.088	2.935	13.0	22.4
7 30	22 43.06	−17 1.6	1.995	2.920	10.0	22.2
8 9	22 35.34	−18 0.5	1.926	2.904	6.5	21.9
8 19	22 25.90	−19 0.5	1.884	2.886	3.5	21.7
8 29	22 15.58	−19 54.9	1.870	2.867	3.9	21.7
9 8	22 5.40	−20 37.8	1.884	2.848	7.3	21.9
9 18	21 56.36	−21 5.5	1.926	2.827	10.9	22.1
9 28	21 49.31	−21 16.2	1.990	2.805	14.2	22.2

302112 2001 MK_{11} 8 25.8 20°.39 6°.7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.47	+ 4 6.0	1.237	2.071	20.9	18.8
7 30	22 36.74	+ 4 51.6	1.185	2.084	17.3	18.6
8 9	22 31.44	+ 5 11.5	1.150	2.099	13.2	18.4
8 19	22 24.28	+ 5 4.7	1.135	2.116	9.1	18.2
8 29	22 16.39	+ 4 33.8	1.141	2.134	6.7	18.1
9 8	22 9.09	+ 3 45.3	1.171	2.154	8.0	18.3
9 18	22 3.49	+ 2 47.9	1.223	2.174	11.3	18.5
9 28	22 0.40	+ 1 50.6	1.296	2.196	15.0	18.8

477171 2009 FR_{9} 8 25.8 334°.32 2°.4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.10	−15 17.8	1.796	2.659	14.1	21.5
7 30	22 39.72	−15 45.6	1.723	2.656	10.8	21.3
8 9	22 33.15	−16 19.5	1.672	2.653	7.0	21.1
8 19	22 24.96	−16 54.5	1.645	2.650	3.3	20.8
8 29	22 16.07	−17 24.8	1.645	2.647	3.3	20.8
9 8	22 7.53	−17 45.3	1.671	2.645	7.1	21.0
9 18	22 0.32	−17 52.9	1.723	2.643	10.9	21.3
9 28	21 55.22	−17 46.2	1.797	2.641	14.3	21.5

506800 2007 EQ_{28} 8 25.8 175°.78 0°.6/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.91	− 9 51.2	1.967	2.808	13.9	22.9
7 30	22 40.88	−10 19.8	1.890	2.810	10.7	22.7
8 9	22 33.80	−10 58.4	1.835	2.811	6.9	22.5
8 19	22 25.21	−11 43.1	1.806	2.813	2.8	22.2
8 29	22 15.96	−12 28.6	1.806	2.813	1.7	22.1
9 8	22 7.02	−13 9.4	1.833	2.813	5.8	22.4
9 18	21 59.30	−13 41.4	1.887	2.813	9.7	22.7
9 28	21 53.54	−14 1.7	1.964	2.812	13.1	22.9

468443 2002 QE_{137} 8 25.8 350°.80 1°.4/26.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 31.57	− 4 13.4	0.941	1.835	21.2	20.2
7 30	22 31.57	− 4 36.0	0.877	1.823	16.7	19.9
8 9	22 28.62	− 5 26.0	0.829	1.813	11.3	19.6
8 19	22 23.31	− 6 39.7	0.799	1.805	5.3	19.2
8 29	22 16.83	− 8 8.0	0.790	1.799	2.0	19.0
9 8	22 10.75	− 9 37.7	0.801	1.795	8.0	19.4
9 18	22 6.53	−10 56.3	0.833	1.793	14.0	19.7
9 28	22 5.29	−11 54.3	0.883	1.793	19.1	20.0

264964 2002 YY_{1} 8 25.8 258°.66 19°.7/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	23 8.81	−49 25.6	1.168	2.002	21.9	20.0
7 30	23 1.81	−51 25.2	1.128	1.991	20.5	19.9
8 9	22 49.05	−52 57.4	1.103	1.981	19.8	19.8
8 19	22 31.83	−53 42.9	1.095	1.970	20.0	19.8
8 29	22 13.00	−53 28.0	1.103	1.958	21.1	19.8
9 8	21 56.02	−52 10.9	1.128	1.946	22.9	19.9
9 18	21 43.46	−50 0.6	1.168	1.935	25.0	20.0
9 28	21 36.45	−47 11.4	1.221	1.923	27.0	20.2

88469 2001 QF_{109} 8 25.8 117°.41 2°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	23 6.64	−18 43.3	1.159	2.015	20.6	18.7
7 30	22 57.89	−18 13.0	1.100	2.027	15.9	18.4
8 9	22 45.31	−17 42.3	1.060	2.038	10.5	18.1
8 19	22 30.01	−17 5.3	1.044	2.048	4.8	17.9
8 29	22 13.86	−16 17.7	1.054	2.059	3.9	17.8
9 8	21 58.95	−15 18.1	1.090	2.068	9.2	18.2
9 18	21 46.95	−14 8.9	1.151	2.078	14.5	18.5
9 28	21 38.86	−12 53.1	1.233	2.086	18.9	18.8

260375 2004 VO_{17} 8 25.8 289°.30 4°.9/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.14	−23 34.4	2.269	3.133	11.5	20.3
7 30	22 37.92	−24 32.7	2.197	3.126	8.9	20.1
8 9	22 31.84	−25 31.3	2.148	3.119	6.4	19.9
8 19	22 24.42	−26 24.2	2.125	3.113	5.0	19.8
8 29	22 16.39	−27 5.5	2.130	3.106	5.8	19.9
9 8	22 8.62	−27 31.0	2.161	3.099	8.1	20.0
9 18	22 1.94	−27 38.6	2.217	3.093	10.8	20.2
9 28	21 57.00	−27 28.3	2.295	3.086	13.3	20.3

514213 2015 NN_{26} 8 25.8 14°.05 0°.7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.32	− 6 28.4	1.893	2.735	14.4	21.1
7 30	22 37.45	− 6 47.3	1.817	2.736	11.2	20.9
8 9	22 31.61	− 7 18.9	1.763	2.737	7.4	20.7
8 19	22 24.34	− 8 0.2	1.733	2.738	3.3	20.4
8 29	22 16.42	− 8 46.2	1.730	2.739	1.3	20.3
9 8	22 8.80	− 9 31.7	1.755	2.741	5.4	20.6
9 18	22 2.34	−10 11.6	1.805	2.743	9.3	20.8
9 28	21 57.76	−10 41.9	1.879	2.744	12.8	21.0

337345 2001 KO_{20} 8 25.8 183°.06 30°.3/ 6.4 12 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	23 13.92	−44 21.4	0.446	1.362	32.9	20.9
7 30	23 10.61	−49 37.0	0.437	1.366	30.8	20.8
8 9	22 57.77	−54 7.1	0.439	1.368	30.4	20.8
8 19	22 36.23	−57 9.5	0.451	1.368	31.6	20.9
8 29	22 11.00	−58 17.0	0.472	1.366	33.9	21.1
9 8	21 49.32	−57 33.4	0.500	1.362	36.7	21.3
9 18	21 35.85	−55 23.7	0.533	1.357	39.6	21.5
9 28	21 31.53	−52 16.1	0.571	1.350	42.1	21.7

383061 2005 QA_{158} 8 25.8 343°.54 1°.7/24.6 18

7 20	22 38.07	− 9 52.0	1.223	2.106	18.0	20.2
7 30	22 36.03	−10 44.5	1.154	2.098	13.8	19.9
8 9	22 31.26	−11 55.1	1.104	2.090	8.9	19.6
8 19	22 24.35	−13 16.8	1.075	2.083	3.6	19.3
8 29	22 16.40	−14 39.8	1.070	2.077	3.1	19.2
9 8	22 8.82	−15 53.2	1.089	2.072	8.4	19.5
9 18	22 2.90	−16 48.9	1.130	2.068	13.5	19.8
9 28	21 59.65	−17 22.2	1.190	2.065	17.9	20.1

265672 2005 UL_{53} 8 25.8 254°.77 5°.0/20.3 18

7 20	22 44.31	−25 3.7	2.467	3.324	10.9	21.0
7 30	22 39.51	−25 59.0	2.384	3.308	8.6	20.8
8 9	22 32.87	−26 53.8	2.325	3.292	6.3	20.6
8 19	22 24.86	−27 42.4	2.294	3.276	5.1	20.5
8 29	22 16.19	−28 19.1	2.289	3.260	5.9	20.5
9 8	22 7.72	−28 40.0	2.312	3.243	8.1	20.6
9 18	22 0.26	−28 43.3	2.361	3.226	10.6	20.8
9 28	21 54.49	−28 28.9	2.431	3.209	13.0	20.9

100925 1998 LV_{3} 8 25.8 353°.49 5°.1/22.8 18

7 20	22 34.56	−16 59.5	0.878	1.796	20.0	17.6
7 30	22 34.18	−17 43.2	0.822	1.785	15.3	17.3
8 9	22 30.45	−18 36.9	0.784	1.776	10.1	17.0
8 19	22 24.10	−19 31.0	0.764	1.769	5.7	16.7
8 29	22 16.54	−20 13.5	0.763	1.765	6.5	16.7
9 8	22 9.58	−20 34.3	0.783	1.763	11.4	17.0
9 18	22 4.81	−20 28.7	0.821	1.763	16.7	17.3
9 28	22 3.31	−19 56.5	0.875	1.766	21.3	17.6

151673 2003 AQ_{5} 8 25.8 219°.05 1°.0/26.7 18

7 20	22 44.66	− 5 23.4	1.945	2.775	14.5	20.4
7 30	22 40.06	− 5 43.5	1.857	2.768	11.4	20.2
8 9	22 33.38	− 6 17.4	1.790	2.760	7.6	19.9
8 19	22 25.11	− 7 2.1	1.749	2.752	3.5	19.7
8 29	22 16.06	− 7 53.3	1.735	2.743	1.4	19.5
9 8	22 7.22	− 8 45.0	1.749	2.734	5.5	19.7
9 18	21 59.50	− 9 32.0	1.789	2.725	9.6	20.0
9 28	21 53.72	−10 9.9	1.854	2.714	13.1	20.2

106003 2000 SQ_{284} 8 25.8 217°.07 1°.6/27.3 18

7 20	22 43.56	− 4 47.7	2.306	3.125	12.9	19.4
7 30	22 38.83	− 4 42.8	2.219	3.122	10.1	19.3
8 9	22 32.36	− 4 48.4	2.155	3.119	6.9	19.1
8 19	22 24.63	− 5 2.8	2.116	3.116	3.5	18.8
8 29	22 16.31	− 5 23.4	2.106	3.113	1.7	18.7
9 8	22 8.20	− 5 46.6	2.124	3.110	4.7	18.9
9 18	22 1.06	− 6 8.8	2.170	3.106	8.1	19.1
9 28	21 55.54	− 6 26.9	2.240	3.102	11.1	19.3

13217 Alpbach 8 25.8 254°.97 0°.2/25.9 18

7 20	22 43.66	− 6 53.0	1.743	2.587	15.3	18.7
7 30	22 39.63	− 7 27.6	1.652	2.572	11.9	18.5
8 9	22 33.30	− 8 17.6	1.581	2.557	7.9	18.2
8 19	22 25.14	− 9 19.3	1.535	2.541	3.4	17.9
8 29	22 16.03	−10 26.7	1.516	2.525	1.5	17.7
9 8	22 7.06	−11 32.4	1.524	2.508	6.3	18.0
9 18	21 59.30	−12 29.9	1.557	2.491	10.8	18.2
9 28	21 53.66	−13 14.1	1.614	2.474	14.8	18.4

316765 1999 TY_{44} 8 25.8 235°.04 5°.3/20.6 18

7 20	22 46.77	−26 59.2	2.431	3.285	11.2	21.0
7 30	22 41.30	−27 39.4	2.359	3.279	8.8	20.8
8 9	22 33.95	−28 16.5	2.310	3.273	6.6	20.7
8 19	22 25.27	−28 45.1	2.287	3.266	5.4	20.6
8 29	22 16.03	−29 0.3	2.292	3.260	6.1	20.6
9 8	22 7.12	−28 59.0	2.325	3.253	8.1	20.8
9 18	21 59.37	−28 40.6	2.382	3.247	10.6	20.9
9 28	21 53.41	−28 5.9	2.463	3.240	12.9	21.1

73564 4051 $P–L$ 8 25.8 347°.63 1°.6/26.9 18

7 20	22 38.14	− 5 48.4	1.261	2.131	18.4	18.8
7 30	22 35.99	− 5 46.3	1.187	2.120	14.5	18.5
8 9	22 31.19	− 6 1.8	1.132	2.110	9.8	18.2
8 19	22 24.32	− 6 32.4	1.098	2.102	4.7	17.9
8 29	22 16.43	− 7 12.9	1.086	2.095	2.0	17.7
9 8	22 8.88	− 7 55.7	1.099	2.089	6.9	18.0
9 18	22 2.90	− 8 33.8	1.134	2.085	12.1	18.3
9 28	21 59.52	− 9 1.0	1.189	2.082	16.6	18.6

454903 2015 TA_{110} 8 25.8 28°.59 22°.1/ 6.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 58.64	−51 46.7	1.015	1.865	23.4	20.2
7 30	22 54.45	−54 32.2	1.002	1.867	22.4	20.1
8 9	22 44.40	−56 40.2	1.003	1.870	22.2	20.1
8 19	22 29.90	−57 53.1	1.019	1.873	22.7	20.2
8 29	22 13.99	−58 0.4	1.050	1.876	23.9	20.3
9 8	22 0.18	−57 3.3	1.093	1.880	25.3	20.4
9 18	21 50.88	−55 12.3	1.147	1.884	26.9	20.6
9 28	21 47.00	−52 41.0	1.212	1.888	28.3	20.7

315891 2008 KA_{38} 8 25.8 244°.26 0°.4/25.4 18

7 20	22 39.06	− 7 54.0	2.258	3.099	12.4	20.8
7 30	22 35.46	− 8 44.1	2.178	3.098	9.5	20.6
8 9	22 30.21	− 9 45.5	2.121	3.097	6.1	20.4
8 19	22 23.75	−10 54.5	2.090	3.096	2.5	20.1
8 29	22 16.73	−12 5.6	2.087	3.095	1.4	20.0
9 8	22 9.92	−13 13.1	2.112	3.094	5.1	20.3
9 18	22 4.04	−14 12.2	2.165	3.093	8.6	20.5
9 28	21 59.70	−14 59.1	2.242	3.091	11.6	20.7

195558 2002 JB_{71} 8 25.8 165°.64 0°.7/26.6 18

7 20	22 42.15	− 4 36.7	2.097	2.924	13.7	20.6
7 30	22 37.91	− 5 18.9	2.018	2.928	10.6	20.4
8 9	22 31.84	− 6 15.3	1.961	2.931	7.1	20.2
8 19	22 24.43	− 7 22.5	1.931	2.934	3.2	20.0
8 29	22 16.42	− 8 35.1	1.928	2.936	1.2	19.8
9 8	22 8.66	− 9 46.8	1.953	2.938	5.1	20.1
9 18	22 1.95	−10 52.1	2.006	2.940	8.8	20.4
9 28	21 56.98	−11 46.5	2.084	2.941	12.0	20.6

111247 2001 XF_{4} 8 25.8 281°.65 6°.0/27.6 16

7 20	22 56.90	− 3 48.9	1.145	1.986	21.8	19.2
7 30	22 51.10	− 2 10.3	1.063	1.973	17.8	18.9
8 9	22 41.53	− 0 41.5	0.998	1.961	13.1	18.6
8 19	22 28.80	+ 0 34.0	0.955	1.949	8.2	18.3
8 29	22 14.31	+ 1 33.2	0.936	1.936	6.0	18.2
9 8	22 0.03	+ 2 16.0	0.942	1.924	9.5	18.3
9 18	21 47.90	+ 2 44.6	0.970	1.912	14.8	18.6
9 28	21 39.40	+ 3 4.5	1.018	1.900	19.7	18.8

60143 1999 TV_{292} 8 25.8 227°.28 2°.5/28.5 18 R

7 20	22 41.16	− 0 43.5	2.599	3.399	12.1	20.0
7 30	22 36.86	− 0 43.9	2.505	3.392	9.7	19.8
8 9	22 31.03	− 0 56.4	2.433	3.385	6.9	19.6
8 19	22 24.08	− 1 19.9	2.386	3.378	4.1	19.4
8 29	22 16.59	− 1 52.1	2.368	3.370	2.5	19.3
9 8	22 9.23	− 2 29.6	2.378	3.362	4.4	19.4
9 18	22 2.67	− 3 8.5	2.416	3.354	7.3	19.6
9 28	21 57.50	− 3 45.0	2.480	3.346	10.1	19.7

20217 Kathyclemmer 8 25.8 289°.45 2°.8/28.8 18

7 20	22 39.07	+ 0 41.1	2.189	2.997	13.8	18.1
7 30	22 35.57	+ 0 26.9	2.097	2.989	11.1	17.9
8 9	22 30.35	− 0 3.6	2.027	2.981	8.0	17.7
8 19	22 23.84	− 0 49.0	1.981	2.973	4.8	17.5
8 29	22 16.70	− 1 45.9	1.962	2.965	2.8	17.3
9 8	22 9.71	− 2 49.3	1.971	2.957	4.9	17.4
9 18	22 3.64	− 3 53.7	2.007	2.949	8.2	17.6
9 28	21 59.16	− 4 53.7	2.068	2.942	11.4	17.8

328131 2008 BC_{10} 8 25.8 237°.51 1°.0/25.2 17

7 20	22 48.90	−12 2.6	1.545	2.401	16.4	21.2
7 30	22 43.79	−12 9.8	1.468	2.396	12.6	21.0
8 9	22 36.04	−12 26.1	1.413	2.392	8.2	20.7
8 19	22 26.27	−12 47.1	1.381	2.387	3.4	20.4
8 29	22 15.59	−13 7.4	1.375	2.382	2.2	20.3
9 8	22 5.29	−13 21.5	1.396	2.378	7.1	20.6
9 18	21 56.60	−13 25.7	1.441	2.372	11.7	20.9
9 28	21 50.45	−13 18.0	1.509	2.367	15.7	21.1

426015 2011 KZ_{31} 8 25.8 71°.19 2°.9/23.4 18

7 20	22 44.23	−14 43.3	1.636	2.503	15.1	20.8
7 30	22 39.87	−15 37.4	1.581	2.516	11.4	20.6
8 9	22 33.25	−16 39.0	1.548	2.530	7.3	20.4
8 19	22 25.02	−17 41.4	1.540	2.544	3.6	20.2
8 29	22 16.20	−18 37.2	1.557	2.558	3.9	20.3
9 8	22 7.90	−19 19.9	1.601	2.572	7.6	20.5
9 18	22 1.10	−19 46.1	1.670	2.586	11.4	20.8
9 28	21 56.54	−19 54.5	1.760	2.600	14.7	21.0

211749 2003 YY_{180} 8 25.8 244°.03 0°.3/25.6 18

7 20	22 43.86	− 9 29.5	2.264	3.100	12.5	21.7
7 30	22 39.22	− 9 52.1	2.168	3.085	9.7	21.5
8 9	22 32.74	−10 23.9	2.096	3.071	6.3	21.2
8 19	22 24.84	−11 1.8	2.050	3.056	2.6	21.0
8 29	22 16.25	−11 41.5	2.032	3.040	1.4	20.8
9 8	22 7.78	−12 18.6	2.043	3.024	5.3	21.1
9 18	22 0.27	−12 48.9	2.081	3.007	8.9	21.3
9 28	21 54.43	−13 9.6	2.143	2.991	12.1	21.5

20942 2092 T-2 8 25.8 171°.61 1°.3/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.31	− 3 41.6	2.077	2.901	13.9	19.3
7 30	22 38.05	− 4 9.9	1.997	2.903	10.9	19.1
8 9	22 31.96	− 4 52.6	1.938	2.905	7.4	18.9
8 19	22 24.50	− 5 46.8	1.905	2.906	3.6	18.7
8 29	22 16.43	− 6 47.9	1.899	2.907	1.5	18.5
9 8	22 8.60	− 7 50.1	1.922	2.908	5.0	18.8
9 18	22 1.84	− 8 48.0	1.972	2.909	8.7	19.0
9 28	21 56.82	− 9 37.0	2.046	2.909	12.0	19.2

130492 2000 QT_{118} 8 25.8 42°.98 4°.0/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.18	− 1 27.4	1.093	1.949	21.6	19.2
7 30	22 41.41	− 1 5.1	1.044	1.964	17.2	19.0
8 9	22 34.62	− 1 6.1	1.011	1.980	12.2	18.7
8 19	22 25.68	− 1 29.0	0.999	1.996	6.9	18.5
8 29	22 15.93	− 2 8.7	1.009	2.014	4.0	18.4
9 8	22 6.94	− 2 56.8	1.042	2.031	7.4	18.7
9 18	22 0.02	− 3 45.0	1.097	2.050	12.3	19.0
9 28	21 56.06	− 4 25.6	1.173	2.069	16.6	19.3

134035 2004 WW_8 8 25.8 278°.27 0°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.93	− 6 29.0	1.860	2.702	14.6	19.9
7 30	22 38.25	− 7 5.5	1.760	2.679	11.4	19.7
8 9	22 32.39	− 7 57.4	1.680	2.655	7.6	19.4
8 19	22 24.80	− 9 1.6	1.626	2.631	3.3	19.1
8 29	22 16.25	−10 12.3	1.598	2.607	1.4	18.9
9 8	22 7.74	−11 22.5	1.598	2.582	6.0	19.2
9 18	22 0.28	−12 25.5	1.623	2.558	10.4	19.4
9 28	21 54.78	−13 16.0	1.672	2.533	14.3	19.5

260166 2004 RS_{65} 8 25.8 29°.51 7°.6/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 56.55	−31 6.5	1.626	2.483	15.6	19.1
7 30	22 49.20	−31 14.6	1.580	2.497	12.5	18.9
8 9	22 39.13	−31 12.3	1.554	2.513	9.6	18.8
8 19	22 27.35	−30 52.8	1.553	2.529	7.7	18.7
8 29	22 15.23	−30 11.5	1.578	2.546	8.2	18.8
9 8	22 4.17	−29 8.1	1.629	2.564	10.5	19.0
9 18	21 55.27	−27 45.8	1.704	2.582	13.4	19.2
9 28	21 49.20	−26 9.5	1.801	2.601	16.0	19.4

449368 2013 GF_{86} 8 25.9 243°.57 7°.4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.14	−32 21.5	2.360	3.217	11.4	20.5
7 30	22 39.53	−33 40.1	2.300	3.212	9.4	20.4
8 9	22 32.94	−34 53.0	2.263	3.208	7.9	20.3
8 19	22 24.93	−35 53.3	2.252	3.203	7.4	20.2
8 29	22 16.28	−36 34.9	2.268	3.198	8.4	20.3
9 8	22 7.96	−36 54.3	2.308	3.193	10.2	20.4
9 18	22 0.82	−36 50.6	2.371	3.188	12.2	20.5
9 28	21 55.57	−36 25.5	2.454	3.183	14.1	20.7

370237 2002 PR_{129} 8 25.9 7°.35 0°.4/25.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.12	− 9 53.5	0.956	1.853	20.7	20.5
7 30	22 37.28	− 9 56.1	0.904	1.853	16.0	20.2
8 9	22 32.24	−10 14.9	0.868	1.855	10.4	19.9
8 19	22 24.80	−10 44.9	0.852	1.859	4.3	19.6
8 29	22 16.36	−11 18.1	0.856	1.865	2.2	19.5
9 8	22 8.59	−11 46.1	0.882	1.872	8.3	19.9
9 18	22 2.94	−12 2.4	0.929	1.881	13.9	20.2
9 28	22 0.39	−12 3.2	0.994	1.892	18.6	20.5

321429 2009 QL_{34} 8 25.9 223°.01 0°.0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.00	− 6 50.6	2.424	3.257	11.9	21.1
7 30	22 35.33	− 7 37.7	2.339	3.254	9.1	20.9
8 9	22 30.11	− 8 36.3	2.277	3.251	6.0	20.7
8 19	22 23.74	− 9 42.7	2.242	3.248	2.5	20.5
8 29	22 16.84	−10 52.2	2.236	3.244	1.1	20.4
9 8	22 10.12	−11 59.6	2.258	3.241	4.7	20.6
9 18	22 4.24	−13 0.0	2.308	3.237	8.0	20.8
9 28	21 59.80	−13 49.8	2.383	3.234	11.0	21.0

300710 2007 VJ_{110} 8 25.9 305°.47 3°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.50	− 0 34.6	1.866	2.686	15.4	20.7
7 30	22 37.72	− 0 32.5	1.781	2.680	12.4	20.5
8 9	22 31.90	− 0 47.0	1.716	2.674	8.9	20.3
8 19	22 24.55	− 1 16.9	1.675	2.669	5.2	20.1
8 29	22 16.46	− 1 59.1	1.660	2.663	3.1	19.9
9 8	22 8.57	− 2 48.4	1.671	2.658	5.5	20.1
9 18	22 1.81	− 3 39.0	1.709	2.653	9.3	20.3
9 28	21 56.95	− 4 25.3	1.770	2.648	12.8	20.5

244428 2002 QH_{89} 8 25.9 50°.30 0°.4/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.70	− 8 15.6	1.815	2.658	14.8	20.6
7 30	22 40.11	− 8 19.8	1.742	2.661	11.5	20.4
8 9	22 33.40	− 8 34.7	1.690	2.664	7.6	20.2
8 19	22 25.14	− 8 57.4	1.662	2.667	3.3	20.0
8 29	22 16.21	− 9 23.5	1.661	2.670	1.3	19.8
9 8	22 7.64	− 9 48.5	1.688	2.673	5.7	20.1
9 18	22 0.37	−10 8.0	1.740	2.676	9.7	20.4
9 28	21 55.14	−10 19.2	1.816	2.680	13.2	20.6

150218 1998 SN_{117} 8 25.9 327°.20 0°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 41.79	−11 12.5	1.162	2.045	18.8	18.9
7 30	22 39.30	−11 8.6	1.079	2.022	14.7	18.6
8 9	22 33.70	−11 16.8	1.015	2.000	9.7	18.3
8 19	22 25.53	−11 33.3	0.971	1.979	4.0	17.9
8 29	22 15.96	−11 52.0	0.950	1.959	2.2	17.7
9 8	22 6.58	−12 5.9	0.952	1.940	8.3	18.0
9 18	21 58.95	−12 9.4	0.975	1.923	14.0	18.3
9 28	21 54.36	−11 58.9	1.017	1.907	19.1	18.5

168092 2006 DM_{102} 8 25.9 52°.56 2°.7/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 50.43	−15 13.0	1.166	2.043	19.1	19.8
7 30	22 45.39	−15 24.5	1.115	2.054	14.6	19.5
8 9	22 37.19	−15 43.4	1.083	2.066	9.4	19.3
8 19	22 26.74	−16 3.2	1.072	2.079	4.2	19.0
8 29	22 15.52	−16 16.4	1.086	2.091	3.8	19.0
9 8	22 5.17	−16 17.5	1.124	2.104	8.7	19.4
9 18	21 57.05	−16 4.2	1.185	2.117	13.6	19.7
9 28	21 52.05	−15 36.2	1.265	2.131	17.7	20.0

312767 2010 US_{22} 8 25.9 173°.99 0°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.72	− 9 1.2	2.655	3.488	11.0	22.1
7 30	22 36.46	− 9 33.0	2.574	3.490	8.4	21.9
8 9	22 30.74	−10 13.0	2.517	3.491	5.4	21.8
8 19	22 23.98	−10 58.1	2.486	3.492	2.2	21.5
8 29	22 16.76	−11 44.5	2.485	3.493	1.2	21.5
9 8	22 9.73	−12 28.1	2.513	3.494	4.4	21.7
9 18	22 3.53	−13 5.5	2.568	3.494	7.5	21.9
9 28	21 58.69	−13 34.1	2.649	3.494	10.2	22.1

239114 2006 HY_{89} 8 25.9 18°.48 3°.8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.47	−13 42.0	1.484	2.363	15.6	19.4
7 30	22 35.85	−15 22.7	1.424	2.367	11.8	19.2
8 9	22 30.88	−17 15.8	1.386	2.371	7.6	18.9
8 19	22 24.16	−19 12.1	1.372	2.376	4.1	18.7
8 29	22 16.67	−21 0.2	1.385	2.381	5.1	18.8
9 8	22 9.57	−22 30.3	1.422	2.387	9.0	19.1
9 18	22 3.92	−23 36.3	1.484	2.394	13.0	19.3
9 28	22 0.54	−24 15.8	1.566	2.401	16.4	19.6

259913 2004 EG_{19} 8 25.9 195°.87 0°.1/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.66	− 7 16.6	1.835	2.675	14.8	22.0
7 30	22 40.16	− 7 53.7	1.755	2.673	11.5	21.8
8 9	22 33.50	− 8 44.5	1.696	2.671	7.5	21.5
8 19	22 25.22	− 9 45.1	1.663	2.668	3.1	21.2
8 29	22 16.17	−10 49.3	1.656	2.665	1.4	21.1
9 8	22 7.39	−11 50.6	1.678	2.661	5.9	21.4
9 18	21 59.84	−12 43.2	1.725	2.657	10.1	21.7
9 28	21 54.33	−13 22.8	1.797	2.652	13.7	21.9

483638 2004 UM_5 8 25.9 328°.78 0°.1/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.18	− 8 6.6	1.882	2.733	14.1	21.2
7 30	22 35.98	− 8 28.4	1.795	2.720	10.9	20.9
8 9	22 30.80	− 9 2.2	1.730	2.707	7.2	20.7
8 19	22 24.11	− 9 44.8	1.689	2.695	3.0	20.4
8 29	22 16.68	−10 31.4	1.674	2.683	1.4	20.2
9 8	22 9.44	−11 16.2	1.686	2.672	5.7	20.5
9 18	22 3.28	−11 54.3	1.724	2.661	9.7	20.7
9 28	21 58.97	−12 21.6	1.785	2.651	13.3	20.9

171783 2001 BX_{62} 8 25.9 282°.48 2°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.59	− 2 53.8	1.466	2.307	17.8	19.9
7 30	22 39.98	− 2 55.8	1.379	2.294	14.2	19.6
8 9	22 33.76	− 3 16.7	1.312	2.281	9.9	19.3
8 19	22 25.45	− 3 55.0	1.267	2.267	5.3	19.0
8 29	22 16.04	− 4 46.2	1.247	2.254	2.6	18.8
9 8	22 6.81	− 5 43.2	1.252	2.241	6.6	19.0
9 18	21 59.00	− 6 38.6	1.282	2.228	11.5	19.3
9 28	21 53.66	− 7 25.3	1.333	2.215	15.9	19.5

112036 2002 HZ_{11} 8 25.9 325°.60 25°.9/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	23 15.74	−58 48.9	0.962	1.779	26.7	18.7
7 30	23 9.39	−61 1.1	0.943	1.773	26.1	18.6
8 9	22 54.89	−62 30.9	0.935	1.768	26.0	18.6
8 19	22 34.30	−62 57.3	0.939	1.763	26.4	18.6
8 29	22 12.32	−62 7.2	0.954	1.759	27.2	18.6
9 8	21 54.06	−60 3.3	0.981	1.755	28.4	18.7
9 18	21 42.37	−56 59.7	1.018	1.751	29.8	18.9
9 28	21 37.69	−53 14.5	1.066	1.749	31.2	19.0

9123 Yoshiko 8 25.9 130°.94 0°.1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 48.72	− 9 41.2	2.123	2.954	13.4	18.4
7 30	22 42.76	− 9 48.0	2.055	2.968	10.3	18.2
8 9	22 34.89	−10 2.9	2.009	2.981	6.7	18.0
8 19	22 25.70	−10 22.7	1.989	2.994	2.8	17.8
8 29	22 16.00	−10 43.7	1.998	3.007	1.3	17.7
9 8	22 6.72	−11 2.0	2.036	3.018	5.2	18.0
9 18	21 58.67	−11 14.6	2.102	3.030	8.8	18.2
9 28	21 52.51	−11 19.4	2.193	3.040	11.9	18.4

155203 2005 UV_{444} 8 25.9 252°.82 4°.9/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.73	+ 6 53.7	2.515	3.278	13.4	20.2
7 30	22 36.68	+ 7 8.7	2.414	3.266	11.3	20.0
8 9	22 31.03	+ 7 7.7	2.333	3.254	8.8	19.8
8 19	22 24.16	+ 6 50.1	2.276	3.241	6.4	19.6
8 29	22 16.67	+ 6 17.1	2.245	3.228	5.0	19.5
9 8	22 9.26	+ 5 31.7	2.243	3.215	5.6	19.5
9 18	22 2.64	+ 4 38.1	2.267	3.202	7.9	19.7
9 28	21 57.45	+ 3 41.6	2.317	3.188	10.5	19.8

121459 1999 TQ_{207} 8 25.9 213°.04 7°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.70	+15 12.3	2.737	3.436	13.8	20.0
7 30	22 37.32	+15 50.3	2.640	3.431	12.1	19.8
8 9	22 31.39	+16 10.6	2.561	3.426	10.3	19.7
8 19	22 24.30	+16 11.5	2.506	3.420	8.5	19.5
8 29	22 16.63	+15 52.5	2.475	3.414	7.3	19.5
9 8	22 9.05	+15 15.7	2.471	3.408	7.3	19.5
9 18	22 2.24	+14 24.5	2.493	3.402	8.4	19.5
9 28	21 56.79	+13 24.2	2.540	3.395	10.2	19.6

134110 2004 XD_{162} 8 25.9 61°.04 7°.7/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.74	−26 44.0	1.647	2.523	14.5	18.9
7 30	22 40.49	−28 18.6	1.603	2.535	11.5	18.7
8 9	22 33.78	−29 50.0	1.581	2.547	8.8	18.6
8 19	22 25.32	−31 8.5	1.584	2.559	7.7	18.6
8 29	22 16.22	−32 5.3	1.611	2.571	8.8	18.7
9 8	22 7.70	−32 35.4	1.663	2.584	11.3	18.9
9 18	22 0.82	−32 38.3	1.737	2.596	14.1	19.1
9 28	21 56.35	−32 16.1	1.830	2.609	16.6	19.3

311486 2005 VZ_{55} 8 25.9 79°.91 5°.1/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.86	+ 7 5.3	2.204	2.975	14.9	20.6
7 30	22 36.82	+ 7 15.2	2.130	2.988	12.4	20.5
8 9	22 31.09	+ 7 6.5	2.076	3.000	9.6	20.3
8 19	22 24.17	+ 6 39.2	2.045	3.012	6.9	20.2
8 29	22 16.73	+ 5 55.5	2.040	3.025	5.2	20.1
9 8	22 9.57	+ 4 59.7	2.062	3.037	5.8	20.1
9 18	22 3.41	+ 3 57.1	2.111	3.049	8.1	20.3
9 28	21 58.86	+ 2 53.6	2.185	3.061	10.8	20.5

20934 4194 $T\text{-}_1$ 8 25.9 4°.61 0°.8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.22	− 4 9.4	1.138	2.010	19.9	17.4
7 30	22 36.25	− 4 54.2	1.074	2.009	15.5	17.1
8 9	22 31.46	− 6 4.1	1.029	2.009	10.4	16.8
8 19	22 24.50	− 7 33.7	1.004	2.010	4.6	16.5
8 29	22 16.55	− 9 13.1	1.003	2.012	1.7	16.3
9 8	22 9.06	−10 50.1	1.025	2.014	7.5	16.7
9 18	22 3.31	−12 13.8	1.069	2.018	12.9	17.0
9 28	22 0.32	−13 16.7	1.133	2.022	17.6	17.3

352982 2009 BO_{79} 8 25.9 291°.10 2°.9/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 47.41	− 4 1.4	1.803	2.628	15.7	20.5
7 30	22 42.40	− 3 25.8	1.712	2.616	12.5	20.3
8 9	22 35.07	− 3 1.7	1.642	2.604	8.8	20.1
8 19	22 25.94	− 2 48.6	1.596	2.593	4.9	19.8
8 29	22 15.89	− 2 45.0	1.577	2.581	2.9	19.7
9 8	22 6.02	− 2 47.9	1.585	2.570	6.0	19.8
9 18	21 57.41	− 2 53.4	1.619	2.559	10.0	20.0
9 28	21 50.94	− 2 57.8	1.676	2.547	13.8	20.2

23877 Gourmaud 8 25.9 356°.54 2°.2/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.49	−14 49.8	1.862	2.726	13.6	18.3
7 30	22 37.69	−15 16.1	1.790	2.723	10.4	18.1
8 9	22 31.85	−15 48.7	1.740	2.721	6.7	17.9
8 19	22 24.53	−16 22.7	1.714	2.720	3.1	17.7
8 29	22 16.57	−16 53.0	1.716	2.719	3.1	17.7
9 8	22 8.94	−17 14.5	1.744	2.719	6.7	17.9
9 18	22 2.54	−17 24.1	1.797	2.719	10.3	18.1
9 28	21 58.08	−17 20.3	1.872	2.720	13.6	18.3

251360 2007 TJ_{261} 8 25.9 11°.38 4°.5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.56	− 1 1.3	0.877	1.760	23.4	19.6
7 30	22 35.47	− 0 37.8	0.827	1.763	18.8	19.4
8 9	22 31.16	− 0 42.6	0.792	1.767	13.4	19.1
8 19	22 24.42	− 1 14.8	0.775	1.774	7.8	18.8
8 29	22 16.63	− 2 8.5	0.777	1.783	4.5	18.7
9 8	22 9.50	− 3 13.0	0.800	1.793	8.1	18.9
9 18	22 4.49	− 4 16.9	0.842	1.805	13.4	19.3
9 28	22 2.62	− 5 10.2	0.903	1.818	18.3	19.6

188622 2005 QC_{34} 8 25.9 328°.36 1°.4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.28	− 5 5.9	1.314	2.176	18.3	20.6
7 30	22 37.65	− 5 17.0	1.236	2.164	14.4	20.4
8 9	22 32.34	− 5 47.3	1.176	2.153	9.8	20.1
8 19	22 24.90	− 6 33.9	1.138	2.142	4.6	19.7
8 29	22 16.38	− 7 31.0	1.123	2.131	1.9	19.5
9 8	22 8.12	− 8 30.1	1.132	2.122	7.0	19.8
9 18	22 1.41	− 9 23.3	1.165	2.113	12.1	20.1
9 28	21 57.28	−10 4.0	1.218	2.105	16.7	20.3

361551 2007 QN_7 8 25.9 1°.56 0°.2/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 35.81	− 7 1.5	0.913	1.811	21.4	19.7
7 30	22 34.92	− 7 35.1	0.858	1.808	16.6	19.4
8 9	22 30.86	− 8 32.7	0.819	1.806	10.9	19.1
8 19	22 24.32	− 9 48.2	0.798	1.806	4.5	18.8
8 29	22 16.67	−11 10.5	0.799	1.808	2.2	18.6
9 8	22 9.59	−12 26.6	0.820	1.811	8.6	19.0
9 18	22 4.55	−13 26.3	0.862	1.816	14.5	19.4
9 28	22 2.63	−14 2.8	0.921	1.822	19.5	19.7

381780 2009 TG_1 8 25.9 357°.93 3°.7/23.5 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.60	−14 21.7	0.997	1.902	19.3	20.7
7 30	22 35.39	−15 9.5	0.941	1.897	14.7	20.4
8 9	22 31.09	−16 10.5	0.902	1.892	9.5	20.1
8 19	22 24.40	−17 15.7	0.883	1.890	4.6	19.8
8 29	22 16.65	−18 14.0	0.886	1.890	5.0	19.8
9 8	22 9.46	−18 55.2	0.910	1.891	10.1	20.1
9 18	22 4.27	−19 13.4	0.954	1.894	15.2	20.4
9 28	22 2.10	−19 6.7	1.016	1.899	19.7	20.7

479598 2014 DW_7 8 25.9 151°.72 0°.3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.33	− 7 55.1	2.132	2.970	13.1	21.9
7 30	22 38.03	− 8 41.7	2.057	2.975	10.1	21.7
8 9	22 31.94	− 9 39.8	2.006	2.981	6.5	21.5
8 19	22 24.55	−10 45.4	1.980	2.986	2.6	21.2
8 29	22 16.59	−11 52.7	1.982	2.990	1.4	21.2
9 8	22 8.90	−12 56.1	2.013	2.995	5.3	21.4
9 18	22 2.27	−13 50.5	2.071	2.999	8.9	21.7
9 28	21 57.34	−14 32.6	2.154	3.002	12.0	21.9

154215 2002 JN_{41} 8 25.9 132°.55 5°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.11	+11 4.9	2.490	3.230	14.1	20.0
7 30	22 35.39	+11 5.8	2.403	3.234	12.0	19.9
8 9	22 30.15	+10 47.3	2.336	3.239	9.6	19.7
8 19	22 23.80	+10 9.2	2.293	3.243	7.3	19.6
8 29	22 16.94	+ 9 13.1	2.275	3.247	5.8	19.5
9 8	22 10.28	+ 8 2.9	2.284	3.251	6.0	19.5
9 18	22 4.46	+ 6 44.0	2.321	3.254	7.8	19.6
9 28	22 0.06	+ 5 22.5	2.384	3.258	10.1	19.8

94111 2000 YY_{88} 8 25.9 338°.46 2°.4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.28	− 4 37.6	1.234	2.102	18.9	18.0
7 30	22 36.29	− 4 24.8	1.154	2.084	15.1	17.7
8 9	22 31.56	− 4 30.3	1.092	2.068	10.5	17.4
8 19	22 24.62	− 4 52.9	1.051	2.053	5.4	17.1
8 29	22 16.53	− 5 28.3	1.032	2.040	2.6	16.9
9 8	22 8.66	− 6 9.3	1.036	2.028	7.1	17.1
9 18	22 2.37	− 6 48.5	1.063	2.017	12.4	17.4
9 28	21 58.74	− 7 19.0	1.110	2.008	17.1	17.6

335704 2006 YX_{53} 8 25.9 163°.40 2°.0/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.14	−12 0.4	1.790	2.646	14.5	21.1
7 30	22 39.80	−12 59.5	1.720	2.649	11.0	20.9
8 9	22 33.29	−14 9.2	1.671	2.652	7.0	20.7
8 19	22 25.17	−15 23.5	1.648	2.654	3.1	20.4
8 29	22 16.34	−16 35.1	1.653	2.656	3.0	20.4
9 8	22 7.84	−17 36.7	1.684	2.658	7.0	20.7
9 18	22 0.64	−18 23.5	1.741	2.660	10.9	20.9
9 28	21 55.53	−18 52.8	1.821	2.661	14.3	21.1

322683 1999 VX_{82} 8 25.9 235°.41 2°.9/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.71	−18 59.6	2.742	3.590	10.2	22.3
7 30	22 38.82	−19 35.2	2.654	3.578	7.8	22.1
8 9	22 32.35	−20 13.0	2.590	3.565	5.2	22.0
8 19	22 24.72	−20 49.1	2.553	3.552	3.1	21.8
8 29	22 16.54	−21 19.3	2.546	3.539	3.5	21.8
9 8	22 8.53	−21 40.0	2.567	3.525	6.0	22.0
9 18	22 1.37	−21 49.1	2.615	3.510	8.6	22.1
9 28	21 55.65	−21 45.7	2.688	3.496	11.1	22.3

145466 2005 SN_{165} 8 25.9 289°.28 0°.5/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.60	− 8 37.5	1.576	2.433	16.0	20.8
7 30	22 39.18	− 9 12.1	1.482	2.410	12.5	20.5
8 9	22 33.26	−10 2.3	1.409	2.388	8.2	20.2
8 19	22 25.31	−11 4.0	1.359	2.365	3.4	19.9
8 29	22 16.22	−12 10.3	1.334	2.343	1.9	19.7
9 8	22 7.21	−13 13.2	1.336	2.320	7.1	20.0
9 18	21 59.48	−14 5.7	1.362	2.297	11.9	20.2
9 28	21 54.08	−14 42.4	1.410	2.275	16.3	20.4

55664 6281 $P\text{–}L$ 8 25.9 269°.68 0°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.40	− 8 26.4	1.683	2.532	15.5	20.3
7 30	22 40.34	− 8 50.7	1.592	2.516	12.1	20.0
8 9	22 33.88	− 9 28.4	1.522	2.499	8.0	19.8
8 19	22 25.52	−10 16.1	1.477	2.483	3.3	19.4
8 29	22 16.16	−11 7.9	1.457	2.465	1.6	19.3
9 8	22 6.94	−11 57.1	1.464	2.448	6.5	19.6
9 18	21 58.99	−12 37.8	1.496	2.431	11.1	19.8
9 28	21 53.27	−13 5.5	1.551	2.413	15.2	20.0

482989 2014 OV_{159} 8 25.9 4°.72 5°.9/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 49.54	+ 3 34.6	2.107	2.882	15.3	20.7
7 30	22 43.64	+ 4 50.4	2.020	2.882	12.8	20.5
8 9	22 35.68	+ 5 53.4	1.956	2.883	9.9	20.3
8 19	22 26.17	+ 6 41.3	1.916	2.883	7.3	20.1
8 29	22 15.90	+ 7 13.2	1.903	2.884	5.9	20.1
9 8	22 5.86	+ 7 30.1	1.919	2.886	6.9	20.1
9 18	21 56.94	+ 7 34.8	1.961	2.887	9.4	20.3
9 28	21 49.94	+ 7 31.5	2.028	2.889	12.2	20.5

514881 2008 KH_{14} 8 25.9 45°.22 0°.7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 38.80	− 8 14.0	2.009	2.857	13.4	21.3
7 30	22 35.43	− 9 12.7	1.942	2.867	10.2	21.1
8 9	22 30.30	−10 23.6	1.898	2.877	6.5	20.9
8 19	22 23.89	−11 41.7	1.880	2.887	2.6	20.7
8 29	22 16.96	−13 0.6	1.890	2.897	1.7	20.6
9 8	22 10.34	−14 13.8	1.927	2.908	5.6	20.9
9 18	22 4.78	−15 15.9	1.990	2.918	9.2	21.1
9 28	22 0.92	−16 3.6	2.078	2.929	12.3	21.4

149177 2002 JQ_4 8 25.9 91°.49 5°.1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.66	−22 23.3	2.375	3.237	11.1	19.4
7 30	22 37.44	−24 13.7	2.327	3.256	8.5	19.3
8 9	22 31.51	−26 4.7	2.304	3.274	6.2	19.2
8 19	22 24.38	−27 49.1	2.310	3.292	5.1	19.1
8 29	22 16.75	−29 19.8	2.344	3.310	6.1	19.2
9 8	22 9.42	−30 31.6	2.406	3.328	8.2	19.4
9 18	22 3.12	−31 22.0	2.493	3.346	10.6	19.6
9 28	21 58.46	−31 51.1	2.603	3.363	12.7	19.8

264704 2002 AA_{133} 8 25.9 85°.72 2°.8/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.30	−14 49.1	1.756	2.614	14.6	19.9
7 30	22 41.26	−15 44.4	1.707	2.637	11.0	19.8
8 9	22 34.07	−16 46.2	1.680	2.660	7.0	19.6
8 19	22 25.44	−17 47.9	1.679	2.683	3.4	19.4
8 29	22 16.31	−18 42.6	1.705	2.705	3.7	19.5
9 8	22 7.75	−19 24.5	1.758	2.727	7.2	19.7
9 18	22 0.67	−19 50.7	1.836	2.748	10.8	20.0
9 28	21 55.73	−20 0.0	1.937	2.770	13.8	20.2

171716 2000 UD_{57} 8 25.9 308°.08 2°.5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.88	− 3 37.8	1.296	2.150	19.0	19.8
7 30	22 39.75	− 3 34.0	1.215	2.137	15.2	19.5
8 9	22 33.80	− 3 49.9	1.152	2.125	10.5	19.2
8 19	22 25.58	− 4 23.9	1.111	2.112	5.5	18.9
8 29	22 16.16	− 5 11.2	1.093	2.100	2.6	18.7
9 8	22 6.96	− 6 4.2	1.099	2.089	7.1	18.9
9 18	21 59.36	− 6 55.0	1.128	2.078	12.3	19.2
9 28	21 54.48	− 7 36.3	1.178	2.067	17.0	19.4

485230 2010 VE_{34} 8 25.9 338°.30 13°.9/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.57	−44 44.8	1.671	2.519	15.7	20.4
7 30	22 42.77	−46 31.9	1.626	2.505	14.4	20.3
8 9	22 35.77	−48 1.4	1.600	2.492	13.9	20.2
8 19	22 26.33	−49 2.3	1.595	2.480	14.2	20.2
8 29	22 15.87	−49 26.0	1.609	2.469	15.3	20.2
9 8	22 6.07	−49 9.5	1.643	2.458	16.9	20.3
9 18	21 58.39	−48 15.0	1.693	2.449	18.7	20.4
9 28	21 53.82	−46 48.4	1.759	2.440	20.4	20.6

72327 2001 BG_{59} 8 25.9 259°.24 0°.1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.74	− 6 58.2	1.585	2.435	16.3	19.3
7 30	22 39.95	− 7 34.5	1.499	2.422	12.7	19.1
8 9	22 33.68	− 8 27.5	1.433	2.409	8.4	18.8
8 19	22 25.47	− 9 33.2	1.390	2.396	3.5	18.5
8 29	22 16.23	−10 44.7	1.374	2.383	1.6	18.3
9 8	22 7.16	−11 54.0	1.384	2.369	6.7	18.6
9 18	21 59.44	−12 53.6	1.419	2.355	11.5	18.8
9 28	21 54.04	−13 38.2	1.476	2.341	15.7	19.0

251843 1999 TY_{263} 8 25.9 95°.53 0°.1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.42	− 8 32.1	2.275	3.113	12.4	21.0
7 30	22 37.22	− 8 58.0	2.202	3.120	9.5	20.8
8 9	22 31.36	− 9 33.3	2.152	3.127	6.2	20.6
8 19	22 24.33	−10 14.6	2.128	3.134	2.5	20.4
8 29	22 16.80	−10 57.8	2.132	3.141	1.2	20.3
9 8	22 9.55	−11 38.4	2.165	3.147	4.8	20.6
9 18	22 3.29	−12 12.5	2.224	3.154	8.2	20.8
9 28	21 58.61	−12 37.3	2.308	3.161	11.2	21.0

283142 Weena 8 25.9 279°.58 12°.3/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.15	+22 54.5	1.969	2.637	19.3	20.2
7 30	22 39.22	+24 14.4	1.883	2.633	17.7	20.0
8 9	22 33.08	+25 8.7	1.813	2.628	15.9	19.9
8 19	22 25.19	+25 32.0	1.760	2.624	14.1	19.7
8 29	22 16.36	+25 21.3	1.727	2.620	12.7	19.6
9 8	22 7.63	+24 37.3	1.716	2.616	12.3	19.6
9 18	22 0.03	+23 24.8	1.727	2.611	12.9	19.6
9 28	21 54.46	+21 52.1	1.761	2.607	14.4	19.7

364101 2005 YL_{214} 8 25.9 318°.50 4°.8/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 40.27	+ 3 54.9	2.037	2.832	15.1	20.4
7 30	22 36.70	+ 4 14.6	1.945	2.822	12.5	20.2
8 9	22 31.25	+ 4 17.1	1.874	2.813	9.5	20.0
8 19	22 24.37	+ 4 2.0	1.825	2.803	6.6	19.8
8 29	22 16.76	+ 3 30.8	1.802	2.794	4.8	19.7
9 8	22 9.29	+ 2 47.5	1.805	2.785	6.0	19.8
9 18	22 2.82	+ 1 57.1	1.834	2.777	8.9	19.9
9 28	21 58.06	+ 1 5.7	1.888	2.768	12.0	20.1

15306 1992 WK_2 8 25.9 219°.77 1°.7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.28	− 3 53.8	1.731	2.562	16.0	19.1
7 30	22 40.84	− 4 6.4	1.646	2.556	12.6	18.9
8 9	22 34.09	− 4 35.0	1.583	2.550	8.6	18.6
8 19	22 25.59	− 5 17.3	1.543	2.544	4.3	18.4
8 29	22 16.21	− 6 8.6	1.529	2.537	1.9	18.2
9 8	22 7.06	− 7 2.6	1.543	2.530	5.9	18.4
9 18	21 59.20	− 7 53.1	1.582	2.522	10.2	18.7
9 28	21 53.48	− 8 34.9	1.645	2.514	14.1	18.9

223380 2003 SL_{60} 8 25.9 336°.31 0°.6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.46	− 7 28.8	1.956	2.801	13.9	20.0
7 30	22 36.88	− 7 35.7	1.871	2.791	10.8	19.8
8 9	22 31.36	− 7 53.5	1.808	2.783	7.2	19.5
8 19	22 24.40	− 8 19.7	1.770	2.774	3.2	19.3
8 29	22 16.76	− 8 50.4	1.758	2.767	1.3	19.1
9 8	22 9.33	− 9 21.0	1.773	2.760	5.3	19.4
9 18	22 2.97	− 9 47.1	1.814	2.753	9.2	19.6
9 28	21 58.41	−10 5.2	1.879	2.747	12.7	19.8

112483 2002 PA 8 25.9 341°.07 2°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.43	− 1 37.0	1.782	2.611	15.7	20.1
7 30	22 37.00	− 1 59.3	1.703	2.610	12.4	19.9
8 9	22 31.51	− 2 39.6	1.643	2.608	8.6	19.7
8 19	22 24.48	− 3 35.5	1.608	2.607	4.6	19.4
8 29	22 16.73	− 4 42.2	1.599	2.605	2.2	19.3
9 8	22 9.23	− 5 52.9	1.616	2.604	5.5	19.5
9 18	22 2.90	− 7 0.7	1.659	2.603	9.5	19.7
9 28	21 58.52	− 7 59.7	1.726	2.602	13.2	19.9

381760 2009 SC_{215} 8 25.9 303°.98 3°.3/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.48	−15 5.5	1.422	2.298	16.4	20.7
7 30	22 40.15	−15 48.6	1.337	2.277	12.6	20.4
8 9	22 34.04	−16 42.0	1.272	2.256	8.3	20.1
8 19	22 25.69	−17 39.3	1.230	2.235	4.1	19.8
8 29	22 16.14	−18 31.7	1.213	2.215	4.5	19.7
9 8	22 6.76	−19 11.0	1.220	2.195	9.0	19.9
9 18	21 58.90	−19 31.7	1.251	2.175	13.7	20.2
9 28	21 53.68	−19 31.4	1.301	2.156	18.0	20.4

367571 2009 SK_{150} 8 25.9 293°.47 3°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.60	− 0 21.0	1.538	2.370	17.6	21.1
7 30	22 38.47	− 0 23.6	1.442	2.348	14.3	20.9
8 9	22 32.84	− 0 47.1	1.365	2.327	10.3	20.6
8 19	22 25.18	− 1 31.0	1.309	2.305	6.0	20.3
8 29	22 16.36	− 2 31.7	1.279	2.283	3.4	20.1
9 8	22 7.58	− 3 42.3	1.273	2.262	6.6	20.2
9 18	22 0.05	− 4 54.5	1.292	2.240	11.2	20.4
9 28	21 54.84	− 6 0.2	1.334	2.219	15.7	20.6

472254 2014 OH_{49} 8 25.9 302°.29 2°.5/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.44	−15 3.7	2.138	2.998	12.3	21.5
7 30	22 36.85	−15 49.9	2.044	2.975	9.4	21.2
8 9	22 31.38	−16 43.5	1.973	2.953	6.1	21.0
8 19	22 24.44	−17 39.6	1.927	2.931	3.0	20.8
8 29	22 16.73	−18 32.4	1.909	2.909	3.4	20.8
9 8	22 9.14	−19 16.4	1.918	2.887	6.7	20.9
9 18	22 2.51	−19 47.5	1.953	2.865	10.2	21.1
9 28	21 57.60	−20 3.2	2.011	2.844	13.4	21.3

212761 2007 TA_{40} 8 25.9 200°.60 2°.9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.19	+ 1 16.4	2.210	3.011	13.9	20.8
7 30	22 37.19	+ 0 59.3	2.122	3.009	11.2	20.6
8 9	22 31.45	+ 0 25.7	2.055	3.006	8.1	20.4
8 19	22 24.42	− 0 22.9	2.013	3.004	4.9	20.2
8 29	22 16.76	− 1 23.2	1.998	3.001	2.9	20.1
9 8	22 9.30	− 2 29.9	2.012	2.997	4.9	20.2
9 18	22 2.77	− 3 37.6	2.053	2.994	8.2	20.4
9 28	21 57.86	− 4 40.5	2.119	2.990	11.3	20.6

35566 1998 GE_7 8 25.9 43°.80 8°.9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.51	−27 21.2	1.451	2.336	15.6	16.8
7 30	22 39.91	−29 17.0	1.412	2.348	12.4	16.6
8 9	22 33.60	−31 8.6	1.395	2.360	9.8	16.5
8 19	22 25.36	−32 44.4	1.401	2.373	8.9	16.5
8 29	22 16.38	−33 54.0	1.431	2.386	10.2	16.6
9 8	22 8.05	−34 31.9	1.484	2.399	12.8	16.8
9 18	22 1.53	−34 37.5	1.558	2.413	15.6	17.0
9 28	21 57.64	−34 14.1	1.649	2.427	18.2	17.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
288520 2004 FJ_{138}			8 25.9	5°.73	0°.2/25.8	18
	h m	° ′			°	m
7 20	22 43.41	− 9 31.9	1.881	2.729	14.2	20.6
7 30	22 39.13	− 9 43.7	1.806	2.729	10.9	20.3
8 9	22 32.81	−10 5.2	1.752	2.729	7.1	20.1
8 19	22 25.00	−10 33.3	1.724	2.730	2.9	19.9
8 29	22 16.53	−11 3.3	1.722	2.730	1.4	19.8
9 8	22 8.38	−11 30.4	1.747	2.731	5.7	20.0
9 18	22 1.44	−11 50.7	1.798	2.732	9.6	20.3
9 28	21 56.45	−12 1.3	1.873	2.733	13.0	20.5
246511 2008 CC_{131}			8 25.9	321°.20	0°.1/25.9	18
7 20	22 45.11	−10 20.1	1.885	2.732	14.2	20.2
7 30	22 40.49	−10 16.4	1.803	2.725	11.0	19.9
8 9	22 33.74	−10 20.8	1.742	2.718	7.2	19.7
8 19	22 25.41	−10 30.6	1.706	2.712	3.0	19.4
8 29	22 16.35	−10 42.1	1.697	2.706	1.4	19.3
9 8	22 7.56	−10 51.3	1.715	2.700	5.7	19.6
9 18	21 59.99	−10 54.9	1.760	2.694	9.8	19.8
9 28	21 54.43	−10 50.5	1.828	2.689	13.3	20.0
342439 2008 UN_{94}			8 25.9	270°.63	8°.1/17.3	18
7 20	22 46.15	−29 24.6	1.941	2.806	13.1	20.9
7 30	22 41.73	−31 1.4	1.862	2.784	10.7	20.7
8 9	22 34.83	−32 36.7	1.807	2.762	8.7	20.6
8 19	22 25.97	−34 1.1	1.776	2.739	8.1	20.5
8 29	22 16.07	−35 5.6	1.771	2.716	9.4	20.5
9 8	22 6.32	−35 43.7	1.791	2.692	11.8	20.6
9 18	21 57.90	−35 53.3	1.833	2.668	14.5	20.8
9 28	21 51.78	−35 35.5	1.895	2.644	17.1	20.9
106312 2000 UC_{94}			8 25.9	258°.61	4°.2/22.0	18
7 20	22 45.26	−21 49.0	2.189	3.048	12.1	19.5
7 30	22 40.36	−22 27.3	2.116	3.044	9.3	19.4
8 9	22 33.52	−23 6.1	2.066	3.040	6.4	19.2
8 19	22 25.28	−23 40.2	2.042	3.036	4.4	19.0
8 29	22 16.44	−24 4.1	2.045	3.032	5.0	19.1
9 8	22 7.93	−24 14.2	2.076	3.028	7.6	19.2
9 18	22 0.58	−24 8.6	2.133	3.024	10.5	19.4
9 28	21 55.08	−23 47.5	2.212	3.020	13.2	19.6
425699 2011 AQ_{75}			8 25.9	225°.23	2°.0/24.3	18
7 20	22 45.86	−12 52.1	1.783	2.638	14.6	21.5
7 30	22 41.27	−13 34.2	1.703	2.631	11.1	21.2
8 9	22 34.37	−14 25.8	1.644	2.623	7.2	21.0
8 19	22 25.72	−15 21.8	1.610	2.616	3.2	20.7
8 29	22 16.23	−16 15.3	1.603	2.607	3.0	20.7
9 8	22 6.99	−16 59.8	1.623	2.599	7.1	20.9
9 18	21 59.06	−17 30.9	1.669	2.590	11.1	21.2
9 28	21 53.29	−17 45.9	1.738	2.580	14.7	21.4
474169 1999 TT_{87}			8 25.9	262°.25	4°.2/21.9	18
7 20	22 44.69	−19 23.5	1.993	2.855	13.0	22.0
7 30	22 40.28	−20 21.6	1.907	2.838	10.0	21.8
8 9	22 33.70	−21 24.4	1.844	2.822	6.8	21.6
8 19	22 25.44	−22 25.4	1.807	2.804	4.4	21.4
8 29	22 16.34	−23 17.6	1.797	2.787	5.1	21.4
9 8	22 7.42	−23 55.2	1.814	2.769	8.2	21.6
9 18	21 59.66	−24 14.6	1.856	2.751	11.6	21.8
9 28	21 53.90	−24 14.8	1.920	2.733	14.7	21.9
389470 2010 ER_{45}			8 25.9	141°.68	4°.7/22.1	14 C
7 20	22 49.47	−22 42.0	2.010	2.867	13.1	21.8
7 30	22 43.63	−23 19.7	1.947	2.873	10.1	21.6
8 9	22 35.64	−23 56.7	1.907	2.879	7.0	21.4
8 19	22 26.15	−24 27.2	1.892	2.885	4.9	21.3
8 29	22 16.08	−24 45.4	1.905	2.890	5.4	21.3
9 8	22 6.50	−24 47.7	1.946	2.896	8.1	21.5
9 18	21 58.33	−24 33.2	2.012	2.900	11.1	21.7
9 28	21 52.29	−24 2.8	2.100	2.905	13.9	21.9
213203 2000 TT_{5}			8 25.9	260°.17	1°.8/27.3	17
7 20	22 42.72	− 2 39.6	1.458	2.301	17.8	20.9
7 30	22 39.29	− 3 8.8	1.378	2.294	14.1	20.6
8 9	22 33.32	− 3 59.6	1.317	2.288	9.7	20.3
8 19	22 25.35	− 5 8.9	1.279	2.281	4.8	20.0
8 29	22 16.39	− 6 30.2	1.266	2.274	2.0	19.8
9 8	22 7.67	− 7 54.5	1.278	2.267	6.5	20.1
9 18	22 0.40	− 9 12.7	1.315	2.260	11.4	20.4
9 28	21 55.55	−10 17.6	1.374	2.253	15.8	20.6
77101 2001 DZ_{64}			8 25.9	152°.84	0°.8/26.5	18
7 20	22 47.32	− 6 59.8	1.596	2.439	16.5	20.2
7 30	22 42.47	− 7 7.2	1.524	2.442	12.9	20.0
8 9	22 35.17	− 7 28.1	1.472	2.445	8.6	19.8
8 19	22 26.05	− 7 59.3	1.444	2.448	3.8	19.5
8 29	22 16.12	− 8 35.8	1.442	2.451	1.5	19.3
9 8	22 6.59	− 9 11.7	1.467	2.453	6.2	19.7
9 18	21 58.56	− 9 41.6	1.517	2.455	10.7	19.9
9 28	21 52.89	−10 1.8	1.590	2.457	14.6	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
397011 2005 TV_{37}			8 25.9	8°.10	2°.6/23.8	16
	h m	° ′			°	m
7 20	22 44.98	−16 41.8	1.928	2.787	13.4	21.0
7 30	22 40.30	−17 3.0	1.857	2.788	10.2	20.8
8 9	22 33.55	−17 28.2	1.808	2.788	6.7	20.6
8 19	22 25.32	−17 52.8	1.785	2.789	3.3	20.4
8 29	22 16.46	−18 11.7	1.789	2.790	3.4	20.4
9 8	22 7.99	−18 20.8	1.820	2.792	6.8	20.6
9 18	22 0.79	−18 17.8	1.877	2.793	10.3	20.9
9 28	21 55.58	−18 1.9	1.956	2.795	13.5	21.1
111588 2002 AO_{49}			8 25.9	112°.30	0°.2/25.7	18
7 20	22 41.65	− 8 36.1	2.330	3.166	12.2	20.3
7 30	22 37.36	− 9 9.0	2.259	3.176	9.3	20.1
8 9	22 31.45	− 9 51.2	2.211	3.186	6.0	19.9
8 19	22 24.40	−10 39.3	2.190	3.196	2.5	19.7
8 29	22 16.89	−11 28.8	2.197	3.205	1.2	19.6
9 8	22 9.65	−12 15.0	2.233	3.215	4.8	19.9
9 18	22 3.39	−12 54.1	2.295	3.224	8.1	20.1
9 28	21 58.68	−13 23.3	2.383	3.233	11.0	20.3
162900 2001 HG_{31}			8 25.9	284°.19	3°.0/23.2	18 A
7 20	22 48.99	−16 13.7	2.240	3.083	12.4	20.7
7 30	22 43.67	−17 3.2	2.116	3.038	9.6	20.5
8 9	22 36.07	−18 0.5	2.015	2.992	6.4	20.2
8 19	22 26.55	−19 0.6	1.942	2.944	3.4	19.9
8 29	22 15.83	−19 56.9	1.897	2.895	3.9	19.9
9 8	22 4.89	−20 43.3	1.882	2.844	7.4	20.0
9 18	21 54.77	−21 15.0	1.893	2.793	11.2	20.1
9 28	21 46.47	−21 29.5	1.929	2.740	14.7	20.2
319236 2006 AM_{30}			8 25.9	207°.80	1°.0/24.5	18
7 20	22 39.55	−10 47.5	2.987	3.822	9.8	21.2
7 30	22 35.54	−11 43.0	2.898	3.817	7.5	21.1
8 9	22 30.20	−12 46.1	2.834	3.810	4.8	20.9
8 19	22 23.89	−13 53.2	2.798	3.804	2.0	20.7
8 29	22 17.12	−15 0.1	2.792	3.797	1.7	20.6
9 8	22 10.46	−16 2.4	2.815	3.789	4.5	20.8
9 18	22 4.48	−16 56.5	2.868	3.782	7.3	21.0
9 28	21 59.70	−17 39.9	2.945	3.773	9.7	21.2
429470 2010 XA_{49}			8 25.9	262°.39	4°.6/29.4	17
7 20	22 43.94	+ 1 55.9	1.588	2.403	17.8	21.2
7 30	22 40.05	+ 2 9.8	1.503	2.396	14.6	21.0
8 9	22 33.74	+ 2 3.2	1.438	2.389	10.8	20.8
8 19	22 25.53	+ 1 35.9	1.394	2.382	6.9	20.5
8 29	22 16.35	+ 0 50.7	1.376	2.375	4.6	20.4
9 8	22 7.39	− 0 6.6	1.383	2.368	6.7	20.5
9 18	21 59.76	− 1 8.8	1.414	2.360	10.6	20.7
9 28	21 54.42	− 2 8.2	1.469	2.353	14.6	20.9
71501 2000 CQ_{23}			8 25.9	207°.06	1°.7/27.8	18
7 20	22 41.07	− 3 0.0	2.660	3.469	11.6	19.5
7 30	22 36.80	− 3 5.5	2.570	3.466	9.2	19.4
8 9	22 31.06	− 3 21.6	2.504	3.463	6.4	19.2
8 19	22 24.26	− 3 46.8	2.463	3.460	3.4	19.0
8 29	22 16.96	− 4 18.6	2.451	3.457	1.8	18.9
9 8	22 9.82	− 4 53.5	2.468	3.453	4.1	19.0
9 18	22 3.48	− 5 28.0	2.513	3.450	7.1	19.2
9 28	21 58.48	− 5 58.7	2.583	3.446	9.8	19.4
282964 2007 RN_{281}			8 25.9	256°.75	8°.7/ 1.2	18
7 20	22 48.30	+11 3.2	1.977	2.718	17.3	19.8
7 30	22 43.03	+12 25.0	1.887	2.713	15.0	19.6
8 9	22 35.52	+13 28.7	1.817	2.708	12.5	19.4
8 19	22 26.26	+14 10.4	1.769	2.703	10.2	19.3
8 29	22 16.06	+14 27.9	1.745	2.699	8.8	19.2
9 8	22 5.97	+14 22.4	1.747	2.694	9.1	19.2
9 18	21 57.01	+13 57.6	1.774	2.689	11.0	19.3
9 28	21 50.07	+13 19.9	1.825	2.684	13.4	19.4
362481 2010 SN_{28}			8 25.9	50°.70	3°.3/29.4	18
7 20	22 39.75	+ 2 2.0	2.067	2.872	14.6	21.2
7 30	22 36.17	+ 1 51.0	1.990	2.878	11.8	21.0
8 9	22 30.82	+ 1 22.6	1.934	2.884	8.6	20.8
8 19	22 24.20	+ 0 38.2	1.902	2.890	5.3	20.6
8 29	22 17.02	− 0 18.8	1.896	2.896	3.4	20.5
9 8	22 10.10	− 1 23.1	1.917	2.903	5.1	20.7
9 18	22 4.20	− 2 28.8	1.966	2.910	8.3	20.9
9 28	21 59.96	− 3 30.2	2.039	2.917	11.4	21.1
475322 2005 YE_{187}			8 25.9	209°.51	3°.8/28.8	17
7 20	22 45.86	− 0 15.6	1.795	2.608	16.2	21.4
7 30	22 41.18	+ 0 7.5	1.713	2.607	13.1	21.2
8 9	22 34.29	+ 0 14.8	1.651	2.605	9.5	21.0
8 19	22 25.72	+ 0 6.5	1.613	2.604	5.8	20.8
8 29	22 16.35	− 0 15.2	1.601	2.602	3.8	20.7
9 8	22 7.25	− 0 45.8	1.616	2.600	6.0	20.8
9 18	21 59.40	− 1 20.4	1.657	2.599	9.7	21.0
9 28	21 53.64	− 1 53.4	1.721	2.597	13.2	21.2

202588 2006 GM_{36} 8 25.9 293°.00 6°.1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 47.23	−23 55.6	1.684	2.555	14.5	19.9
7 30	22 42.61	−24 46.9	1.609	2.542	11.4	19.7
8 9	22 35.41	−25 38.4	1.555	2.529	8.2	19.4
8 19	22 26.23	−26 22.2	1.526	2.516	6.2	19.3
8 29	22 16.12	−26 50.4	1.522	2.503	7.1	19.3
9 8	22 6.37	−26 57.6	1.544	2.490	10.1	19.5
9 18	21 58.16	−26 42.2	1.588	2.478	13.5	19.7
9 28	21 52.42	−26 5.2	1.654	2.465	16.7	19.8

229934 1998 BS_{22} 8 25.9 208°.41 1°.6/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.58	−11 21.9	1.912	2.763	13.9	21.4
7 30	22 39.35	−12 11.6	1.833	2.760	10.6	21.2
8 9	22 33.04	−13 11.9	1.777	2.756	6.8	21.0
8 19	22 25.19	−14 17.5	1.746	2.753	2.9	20.7
8 29	22 16.60	−15 22.1	1.743	2.749	2.5	20.7
9 8	22 8.27	−16 19.1	1.768	2.744	6.4	20.9
9 18	22 1.11	−17 3.6	1.818	2.740	10.3	21.1
9 28	21 55.90	−17 32.7	1.892	2.735	13.7	21.4

131048 2000 YM_{38} 8 25.9 213°.80 0°.5/26.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.84	− 6 16.1	1.915	2.752	14.4	20.3
7 30	22 38.75	− 6 45.0	1.833	2.749	11.2	20.1
8 9	22 32.64	− 7 27.5	1.774	2.747	7.4	19.9
8 19	22 25.02	− 8 20.1	1.739	2.744	3.3	19.6
8 29	22 16.69	− 9 17.8	1.732	2.740	1.3	19.5
9 8	22 8.60	−10 14.3	1.752	2.737	5.5	19.7
9 18	22 1.65	−11 4.3	1.798	2.733	9.5	20.0
9 28	21 56.59	−11 43.5	1.868	2.730	13.0	20.2

365692 2010 VP_{110} 8 25.9 205°.29 0°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.16	− 6 6.2	2.608	3.432	11.4	21.8
7 30	22 36.16	− 6 37.2	2.520	3.429	8.8	21.6
8 9	22 30.69	− 7 18.5	2.456	3.426	5.8	21.4
8 19	22 24.14	− 8 7.4	2.419	3.422	2.6	21.2
8 29	22 17.09	− 9 0.2	2.410	3.419	1.0	21.0
9 8	22 10.19	− 9 52.4	2.430	3.414	4.3	21.3
9 18	22 4.10	−10 40.1	2.478	3.410	7.4	21.5
9 28	21 59.36	−11 20.0	2.552	3.406	10.2	21.7

317352 2002 LT_{60} 8 25.9 50°.65 2°.8/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.52	−13 22.6	1.153	2.034	19.1	20.6
7 30	22 42.36	−14 7.1	1.112	2.054	14.4	20.4
8 9	22 35.25	−15 2.2	1.089	2.074	9.2	20.2
8 19	22 26.09	−15 59.9	1.088	2.094	4.1	20.0
8 29	22 16.28	−16 50.6	1.111	2.115	3.9	20.0
9 8	22 7.34	−17 26.8	1.158	2.137	8.7	20.4
9 18	22 0.49	−17 44.4	1.227	2.158	13.3	20.7
9 28	21 56.54	−17 42.5	1.317	2.180	17.2	21.0

72107 2000 YL_{54} 8 25.9 167°.11 0°.2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.75	− 7 42.4	2.151	2.982	13.2	20.7
7 30	22 39.92	− 8 4.2	2.072	2.986	10.2	20.5
8 9	22 33.25	− 8 36.5	2.017	2.989	6.7	20.3
8 19	22 25.23	− 9 16.0	1.987	2.992	2.9	20.1
8 29	22 16.62	− 9 58.5	1.985	2.994	1.2	19.9
9 8	22 8.28	−10 39.2	2.012	2.996	5.1	20.2
9 18	22 1.02	−11 13.8	2.066	2.997	8.7	20.5
9 28	21 55.51	−11 39.3	2.145	2.998	11.9	20.7

318528 2005 EB_{246} 8 25.9 32°.70 1°.1/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.39	−10 14.4	1.051	1.936	20.2	19.9
7 30	22 40.22	−10 39.9	1.007	1.951	15.4	19.7
8 9	22 34.01	−11 20.6	0.981	1.966	9.9	19.5
8 19	22 25.63	−12 9.9	0.975	1.982	4.0	19.2
8 29	22 16.48	−12 58.7	0.992	2.000	2.5	19.2
9 8	22 8.16	−13 38.4	1.032	2.018	8.1	19.6
9 18	22 1.94	−14 3.3	1.093	2.037	13.2	19.9
9 28	21 58.68	−14 10.7	1.174	2.057	17.5	20.2

512448 2016 QF_{22} 8 25.9 120°.35 3°.0/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.90	− 1 33.3	1.804	2.621	16.0	21.0
7 30	22 41.10	− 1 22.7	1.730	2.628	12.7	20.8
8 9	22 34.16	− 1 27.7	1.676	2.635	9.0	20.6
8 19	22 25.64	− 1 46.9	1.647	2.641	5.1	20.4
8 29	22 16.44	− 2 17.3	1.644	2.647	3.0	20.3
9 8	22 7.58	− 2 54.0	1.668	2.653	5.6	20.5
9 18	22 0.02	− 3 31.7	1.718	2.659	9.4	20.7
9 28	21 54.52	− 4 5.4	1.792	2.665	12.9	21.0

306211 2011 QO_{25} 8 25.9 331°.21 0°.7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.46	−10 50.0	1.727	2.583	14.9	20.6
7 30	22 39.45	−11 5.8	1.650	2.578	11.5	20.3
8 9	22 33.20	−11 31.5	1.593	2.573	7.4	20.1
8 19	22 25.28	−12 3.1	1.561	2.568	3.0	19.8
8 29	22 16.59	−12 35.5	1.555	2.563	1.8	19.7
9 8	22 8.20	−13 3.2	1.576	2.559	6.3	20.0
9 18	22 1.11	−13 22.0	1.622	2.555	10.5	20.3
9 28	21 56.14	−13 29.1	1.690	2.552	14.2	20.5

443642 2014 OH_{207} 8 25.9 296°.44 5°.0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.27	−23 27.1	2.245	3.109	11.6	20.2
7 30	22 38.14	−24 27.3	2.173	3.103	9.0	20.1
8 9	22 32.15	−25 27.8	2.125	3.096	6.5	19.9
8 19	22 24.80	−26 22.8	2.103	3.090	5.0	19.8
8 29	22 16.82	−27 6.2	2.107	3.084	5.8	19.8
9 8	22 9.11	−27 33.5	2.139	3.077	8.2	20.0
9 18	22 2.48	−27 42.8	2.195	3.071	10.9	20.1
9 28	21 57.60	−27 33.8	2.273	3.065	13.4	20.3

33801 Emilyshi 8 25.9 276°.62 3°.8/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.48	+ 0 21.8	1.571	2.395	17.6	18.0
7 30	22 39.86	+ 0 27.5	1.479	2.380	14.3	17.7
8 9	22 33.74	+ 0 13.0	1.406	2.364	10.4	17.5
8 19	22 25.62	− 0 21.5	1.354	2.347	6.3	17.2
8 29	22 16.41	− 1 12.8	1.328	2.331	3.8	17.0
9 8	22 7.29	− 2 14.7	1.327	2.315	6.6	17.1
9 18	21 59.46	− 3 19.5	1.351	2.298	11.0	17.3
9 28	21 53.93	− 4 19.7	1.398	2.281	15.2	17.6

346472 2008 TH_{165} 8 25.9 273°.85 1°.6/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.82	− 4 13.3	1.799	2.633	15.3	21.8
7 30	22 38.94	− 4 25.7	1.710	2.622	12.1	21.6
8 9	22 32.90	− 4 53.4	1.643	2.611	8.3	21.3
8 19	22 25.19	− 5 34.1	1.599	2.600	4.1	21.1
8 29	22 16.63	− 6 23.5	1.582	2.589	1.8	20.9
9 8	22 8.25	− 7 15.5	1.591	2.579	5.7	21.1
9 18	22 1.03	− 8 4.4	1.626	2.568	9.9	21.3
9 28	21 55.82	− 8 44.8	1.685	2.557	13.7	21.6

480997 2004 DT_{39} 8 25.9 314°.73 5°.0/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.74	+ 9 10.1	1.656	2.440	18.5	20.9
7 30	22 37.35	+ 8 14.2	1.515	2.385	15.8	20.6
8 9	22 32.46	+ 6 39.5	1.392	2.329	12.3	20.2
8 19	22 25.29	+ 4 21.7	1.292	2.273	8.3	19.8
8 29	22 16.48	+ 1 21.8	1.217	2.216	5.1	19.5
9 8	22 7.10	− 2 11.0	1.171	2.159	7.1	19.4
9 18	21 58.47	− 6 0.4	1.153	2.102	12.2	19.6
9 28	21 51.95	− 9 46.4	1.162	2.044	17.7	19.7

60648 2000 FY_{40} 8 25.9 81°.27 2°.3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.60	−13 50.4	1.915	2.774	13.5	19.2
7 30	22 38.52	−14 40.5	1.848	2.779	10.3	19.0
8 9	22 32.45	−15 38.3	1.803	2.784	6.6	18.8
8 19	22 24.93	−16 38.5	1.783	2.788	3.1	18.6
8 29	22 16.80	−17 34.5	1.791	2.793	3.2	18.6
9 8	22 9.02	−18 20.6	1.826	2.798	6.7	18.8
9 18	22 2.44	−18 52.9	1.887	2.803	10.3	19.1
9 28	21 57.77	−19 9.5	1.970	2.808	13.4	19.3

142783 2002 UQ_{13} 8 25.9 354°.53 1°.4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 36.74	− 8 32.3	1.457	2.328	16.3	19.0
7 30	22 34.66	− 9 41.4	1.386	2.324	12.5	18.8
8 9	22 30.28	−11 8.3	1.336	2.320	8.0	18.5
8 19	22 24.13	−12 46.3	1.310	2.317	3.2	18.2
8 29	22 17.15	−14 26.0	1.308	2.315	2.6	18.2
9 8	22 10.48	−15 57.2	1.332	2.314	7.4	18.5
9 18	22 5.17	−17 11.7	1.380	2.314	11.9	18.7
9 28	22 2.09	−18 4.8	1.450	2.315	15.9	19.0

103364 2000 AP_{102} 8 25.9 266°.29 6°.3/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.33	−23 35.7	1.919	2.789	13.0	19.1
7 30	22 39.44	−25 11.2	1.843	2.775	10.2	18.9
8 9	22 33.29	−26 49.6	1.790	2.760	7.6	18.7
8 19	22 25.38	−28 22.5	1.762	2.745	6.3	18.6
8 29	22 16.58	−29 40.7	1.761	2.730	7.5	18.6
9 8	22 7.96	−30 37.5	1.786	2.715	10.2	18.8
9 18	22 0.56	−31 9.2	1.835	2.699	13.2	18.9
9 28	21 55.26	−31 15.9	1.904	2.684	16.0	19.1

21086 1992 AO_{1} 8 25.9 243°.89 2°.4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.28	−14 6.8	1.901	2.754	13.9	18.4
7 30	22 41.60	−14 53.0	1.811	2.739	10.6	18.1
8 9	22 34.66	−15 47.9	1.744	2.723	6.9	17.9
8 19	22 25.95	−16 46.2	1.702	2.706	3.3	17.6
8 29	22 16.33	−17 41.2	1.687	2.689	3.4	17.6
9 8	22 6.86	−18 26.5	1.700	2.672	7.2	17.8
9 18	21 58.58	−18 57.6	1.739	2.654	11.1	18.0
9 28	21 52.37	−19 12.1	1.801	2.635	14.6	18.2

91613 1999 TO_{31} 8 25.9 171°.05 0°.7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.59	−10 54.9	2.451	3.289	11.6	19.0
7 30	22 38.08	−11 17.8	2.372	3.291	8.9	18.9
8 9	22 31.96	−11 47.8	2.316	3.292	5.7	18.7
8 19	22 24.70	−12 21.7	2.287	3.293	2.3	18.4
8 29	22 16.93	−12 55.7	2.286	3.294	1.5	18.4
9 8	22 9.40	−13 25.9	2.315	3.294	4.9	18.6
9 18	22 2.78	−13 49.1	2.370	3.295	8.1	18.8
9 28	21 57.68	−14 3.1	2.451	3.295	10.9	19.0

54783 2001 MM_1 8 25.9 81°.90 2°.3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 47.14	−13 18.4	1.508	2.371	16.3	19.5
7 30	22 42.32	−14 3.0	1.455	2.388	12.4	19.3
8 9	22 35.03	−14 56.7	1.424	2.405	7.9	19.1
8 19	22 26.02	−15 52.7	1.416	2.422	3.5	18.9
8 29	22 16.38	−16 43.5	1.435	2.439	3.4	18.9
9 8	22 7.37	−17 22.5	1.480	2.455	7.5	19.2
9 18	22 0.03	−17 46.0	1.549	2.472	11.6	19.5
9 28	21 55.13	−17 52.6	1.640	2.488	15.2	19.8

60581 2000 EE_{128} 8 25.9 331°.10 2°.2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.70	−13 47.4	1.760	2.623	14.4	18.8
7 30	22 38.85	−14 26.1	1.686	2.619	10.9	18.6
8 9	22 32.81	−15 13.1	1.633	2.615	7.1	18.4
8 19	22 25.14	−16 3.2	1.605	2.611	3.2	18.1
8 29	22 16.73	−16 49.9	1.604	2.607	3.2	18.1
9 8	22 8.63	−17 27.2	1.629	2.604	7.0	18.4
9 18	22 1.81	−17 51.0	1.678	2.601	10.9	18.6
9 28	21 57.07	−17 59.2	1.751	2.598	14.4	18.8

448632 2010 VR_{28} 8 25.9 279°.92 8°.3/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 45.33	−34 8.4	2.234	3.090	12.0	20.5
7 30	22 40.73	−35 29.0	2.171	3.080	10.1	20.4
8 9	22 33.97	−36 42.8	2.132	3.070	8.6	20.3
8 19	22 25.61	−37 42.3	2.117	3.059	8.3	20.2
8 29	22 16.53	−38 20.7	2.127	3.049	9.3	20.3
9 8	22 7.78	−38 34.3	2.162	3.039	11.1	20.4
9 18	22 0.30	−38 22.8	2.219	3.029	13.2	20.5
9 28	21 54.87	−37 47.9	2.295	3.019	15.1	20.6

1199 Geldonia 8 25.9 166°.67 4°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 40.75	+ 4 19.0	2.325	3.107	13.9	15.4
7 30	22 36.81	+ 4 22.6	2.238	3.108	11.4	15.3
8 9	22 31.22	+ 4 9.7	2.173	3.109	8.6	15.1
8 19	22 24.43	+ 3 40.8	2.132	3.110	5.8	14.9
8 29	22 17.07	+ 2 58.1	2.117	3.110	4.1	14.8
9 8	22 9.91	+ 2 5.7	2.131	3.111	5.2	14.9
9 18	22 3.64	+ 1 8.4	2.171	3.111	7.8	15.1
9 28	21 58.89	+ 0 11.6	2.237	3.112	10.6	15.2

250875 2005 UJ_{454} 8 25.9 322°.49 0°.6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.50	−11 21.8	2.020	2.866	13.4	20.2
7 30	22 39.92	−11 26.0	1.938	2.861	10.3	20.0
8 9	22 33.37	−11 37.5	1.879	2.856	6.7	19.8
8 19	22 25.35	−11 53.3	1.845	2.851	2.8	19.5
8 29	22 16.68	−12 9.4	1.839	2.847	1.6	19.4
9 8	22 8.27	−12 21.9	1.860	2.842	5.6	19.7
9 18	22 1.00	−12 27.7	1.907	2.838	9.3	19.9
9 28	21 55.60	−12 24.6	1.979	2.834	12.7	20.1

83222 2001 RU_{31} 8 25.9 282°.47 4°.1/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.73	+ 2 34.6	2.059	2.857	14.9	19.0
7 30	22 37.96	+ 2 43.0	1.954	2.836	12.3	18.8
8 9	22 32.23	+ 2 34.3	1.871	2.815	9.2	18.5
8 19	22 24.95	+ 2 8.6	1.810	2.794	6.0	18.3
8 29	22 16.83	+ 1 27.5	1.776	2.773	4.1	18.1
9 8	22 8.73	+ 0 35.5	1.769	2.752	5.7	18.2
9 18	22 1.57	− 0 22.1	1.788	2.731	9.0	18.4
9 28	21 56.14	− 1 19.2	1.832	2.710	12.5	18.5

478994 2012 XQ_{131} 8 25.9 208°.07 1°.5/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 42.91	−12 24.7	2.561	3.401	11.1	22.4
7 30	22 38.37	−13 15.8	2.473	3.394	8.5	22.2
8 9	22 32.21	−14 14.5	2.410	3.387	5.4	22.0
8 19	22 24.85	−15 16.6	2.374	3.379	2.4	21.8
8 29	22 16.91	−16 17.1	2.367	3.371	2.3	21.8
9 8	22 9.12	−17 11.3	2.390	3.362	5.4	22.0
9 18	22 2.18	−17 55.3	2.440	3.352	8.5	22.1
9 28	21 56.71	−18 26.7	2.516	3.342	11.2	22.3

41680 2000 UY_8 8 25.9 59°.49 6°.5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 46.29	−23 57.7	1.607	2.481	14.9	16.9
7 30	22 41.79	−25 8.1	1.554	2.488	11.6	16.7
8 9	22 34.78	−26 18.0	1.522	2.495	8.4	16.6
8 19	22 25.97	−27 18.6	1.515	2.502	6.5	16.5
8 29	22 16.46	−28 1.6	1.533	2.510	7.5	16.6
9 8	22 7.51	−28 21.8	1.576	2.517	10.3	16.8
9 18	22 0.21	−28 17.9	1.642	2.525	13.5	17.0
9 28	21 55.37	−27 51.6	1.728	2.533	16.4	17.2

137643 1999 WC_{15} 8 25.9 3°.05 1°.4/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 35.46	− 5 59.2	0.902	1.798	21.7	19.5
7 30	22 34.72	− 5 59.8	0.847	1.795	17.0	19.2
8 9	22 30.83	− 6 23.1	0.809	1.794	11.5	18.9
8 19	22 24.50	− 7 5.5	0.789	1.795	5.3	18.6
8 29	22 17.08	− 7 58.9	0.790	1.799	2.0	18.4
9 8	22 10.25	− 8 52.8	0.810	1.804	8.0	18.8
9 18	22 5.44	− 9 37.7	0.851	1.811	13.7	19.1
9 28	22 3.72	−10 6.5	0.910	1.820	18.7	19.5

175232 2005 GE_{152} 8 25.9 212°.19 2°.0/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 45.22	− 2 52.8	1.666	2.496	16.5	20.9
7 30	22 40.92	− 3 6.3	1.584	2.492	13.1	20.6
8 9	22 34.28	− 3 37.4	1.522	2.488	9.1	20.4
8 19	22 25.82	− 4 23.7	1.483	2.483	4.7	20.1
8 29	22 16.48	− 5 20.5	1.471	2.478	2.2	20.0
9 8	22 7.39	− 6 20.9	1.486	2.473	6.0	20.2
9 18	21 59.63	− 7 18.4	1.526	2.468	10.4	20.4
9 28	21 54.08	− 8 6.8	1.589	2.462	14.3	20.7

514353 2016 PR_{97} 8 25.9 190°.05 6°.1/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.17	−25 28.8	2.226	3.088	11.8	21.6
7 30	22 39.69	−27 3.5	2.162	3.087	9.3	21.4
8 9	22 33.24	−28 38.0	2.122	3.086	7.0	21.3
8 19	22 25.32	−30 4.7	2.109	3.084	6.1	21.2
8 29	22 16.72	−31 16.1	2.123	3.082	7.1	21.3
9 8	22 8.38	−32 7.2	2.164	3.080	9.3	21.4
9 18	22 1.16	−32 35.6	2.229	3.077	11.8	21.6
9 28	21 55.80	−32 41.7	2.315	3.074	14.1	21.8

159944 2005 XY_{16} 8 25.9 169°.80 0°.6/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 43.72	− 6 4.6	1.772	2.612	15.3	20.9
7 30	22 39.57	− 6 30.4	1.696	2.613	11.9	20.7
8 9	22 33.26	− 7 10.6	1.641	2.613	7.9	20.4
8 19	22 25.35	− 8 1.7	1.610	2.614	3.5	20.2
8 29	22 16.71	− 8 58.1	1.606	2.615	1.3	20.0
9 8	22 8.37	− 9 53.6	1.629	2.615	5.7	20.3
9 18	22 1.29	−10 42.2	1.678	2.615	9.9	20.6
9 28	21 56.25	−11 19.7	1.751	2.616	13.6	20.8

85681 1998 RR_{25} 8 25.9 141°.32 2°.8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 53.09	−17 10.3	1.755	2.605	14.9	19.1
7 30	22 46.66	−17 25.1	1.688	2.613	11.4	18.9
8 9	22 37.80	−17 43.4	1.644	2.621	7.5	18.7
8 19	22 27.20	−17 59.7	1.625	2.629	3.7	18.5
8 29	22 15.94	−18 8.8	1.634	2.635	3.6	18.5
9 8	22 5.24	−18 6.7	1.671	2.642	7.3	18.8
9 18	21 56.17	−17 51.9	1.733	2.648	11.1	19.0
9 28	21 49.50	−17 24.5	1.819	2.653	14.5	19.2

212335 2005 SB_{212} 8 25.9 49°.87 0°.5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.93	− 7 1.0	1.918	2.759	14.2	20.6
7 30	22 37.93	− 7 20.9	1.851	2.770	11.0	20.4
8 9	22 32.03	− 7 52.6	1.807	2.781	7.2	20.2
8 19	22 24.79	− 8 32.8	1.787	2.792	3.2	20.0
8 29	22 17.00	− 9 16.7	1.794	2.803	1.2	19.9
9 8	22 9.57	− 9 59.1	1.829	2.815	5.2	20.2
9 18	22 3.32	−10 35.3	1.889	2.826	9.0	20.4
9 28	21 58.90	−11 2.0	1.974	2.838	12.3	20.7

3269 Vibert–Douglas 8 25.9 306°.60 4°.6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 51.06	−22 16.8	1.763	2.623	14.5	16.7
7 30	22 45.44	−22 27.7	1.679	2.607	11.3	16.5
8 9	22 37.23	−22 37.6	1.616	2.591	7.8	16.3
8 19	22 27.06	−22 40.6	1.579	2.576	4.9	16.1
8 29	22 15.98	−22 31.0	1.568	2.560	5.3	16.1
9 8	22 5.26	−22 5.3	1.584	2.545	8.6	16.2
9 18	21 56.07	−21 22.8	1.625	2.531	12.3	16.4
9 28	21 49.34	−20 25.1	1.688	2.516	15.7	16.6

312452 2008 KE_{29} 8 25.9 200°.45 4°.5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 41.72	−21 25.7	2.303	3.166	11.4	21.1
7 30	22 37.67	−22 37.1	2.234	3.165	8.8	20.9
8 9	22 31.85	−23 50.6	2.190	3.164	6.1	20.8
8 19	22 24.73	−25 0.1	2.172	3.163	4.5	20.7
8 29	22 17.03	−25 59.2	2.182	3.162	5.3	20.7
9 8	22 9.58	−26 43.3	2.219	3.161	7.8	20.9
9 18	22 3.15	−27 9.6	2.281	3.159	10.4	21.1
9 28	21 58.39	−27 17.6	2.366	3.158	12.9	21.2

444249 2005 UA_{179} 8 25.9 298°.58 4°.4/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 39.56	+ 4 46.9	2.149	2.937	14.7	21.3
7 30	22 36.13	+ 4 49.3	2.055	2.927	12.2	21.1
8 9	22 30.93	+ 4 33.5	1.981	2.918	9.2	20.9
8 19	22 24.39	+ 3 59.6	1.931	2.909	6.3	20.7
8 29	22 17.18	+ 3 9.7	1.907	2.900	4.5	20.6
9 8	22 10.09	+ 2 8.4	1.910	2.891	5.6	20.7
9 18	22 3.93	+ 1 1.2	1.939	2.882	8.4	20.8
9 28	21 59.37	− 0 5.5	1.994	2.874	11.5	21.0

220271 2003 AS_{55} 8 25.9 259°.76 2°.2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
7 20	22 44.82	−12 51.9	1.707	2.566	14.9	21.0
7 30	22 40.70	−13 37.1	1.623	2.553	11.4	20.8
8 9	22 34.20	−14 32.9	1.560	2.540	7.4	20.5
8 19	22 25.84	−15 33.8	1.521	2.527	3.3	20.2
8 29	22 16.53	−16 32.6	1.509	2.513	3.2	20.2
9 8	22 7.43	−17 22.1	1.524	2.500	7.4	20.4
9 18	21 59.62	−17 57.1	1.564	2.486	11.6	20.7
9 28	21 54.04	−18 14.8	1.626	2.472	15.4	20.9

339214 2004 TT_{275} 8 25.9 131°.99 8°.0/19.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 49.95	−30 17.9	1.834	2.695	13.9	21.0
7 30	22 44.43	−31 26.3	1.781	2.700	11.3	20.8
8 9	22 36.43	−32 28.7	1.749	2.704	9.0	20.7
8 19	22 26.67	−33 16.4	1.742	2.708	8.0	20.6
8 29	22 16.23	−33 42.3	1.761	2.712	8.9	20.7
9 8	22 6.37	−33 42.8	1.804	2.716	11.1	20.8
9 18	21 58.17	−33 18.0	1.871	2.720	13.7	21.0
9 28	21 52.41	−32 31.0	1.957	2.723	16.1	21.2

115960 2003 WK_{41} 8 25.9 310°.66 1°.6/24.7 18

7 20	22 43.81	−12 34.0	1.749	2.607	14.6	19.7
7 30	22 39.76	−13 0.8	1.671	2.601	11.2	19.5
8 9	22 33.46	−13 36.5	1.614	2.595	7.2	19.2
8 19	22 25.48	−14 16.5	1.582	2.588	3.1	19.0
8 29	22 16.71	−14 55.0	1.576	2.582	2.5	18.9
9 8	22 8.23	−15 26.2	1.597	2.576	6.7	19.2
9 18	22 1.05	−15 46.0	1.643	2.571	10.8	19.4
9 28	21 55.98	−15 52.1	1.712	2.565	14.4	19.6

428182 2006 UY_{3} 8 25.9 341°.39 5°.2/29.1 18

7 20	22 42.48	+ 0 3.0	1.213	2.060	20.5	20.5
7 30	22 39.61	+ 0 42.1	1.139	2.052	16.7	20.2
8 9	22 33.85	+ 0 59.9	1.082	2.044	12.3	20.0
8 19	22 25.79	+ 0 55.2	1.046	2.038	7.8	19.7
8 29	22 16.56	+ 0 30.1	1.031	2.033	5.2	19.5
9 8	22 7.64	− 0 9.4	1.040	2.028	7.7	19.7
9 18	22 0.41	− 0 55.4	1.071	2.024	12.4	19.9
9 28	21 55.98	− 1 39.5	1.122	2.021	16.9	20.2

153042 2000 QP_{14} 8 25.9 327°.26 1°.2/25.1 18

7 20	22 41.43	−10 9.8	1.436	2.305	16.7	19.2
7 30	22 38.41	−10 45.7	1.360	2.295	12.8	18.9
8 9	22 32.84	−11 35.9	1.304	2.286	8.3	18.6
8 19	22 25.30	−12 35.1	1.270	2.277	3.4	18.3
8 29	22 16.79	−13 35.8	1.261	2.269	2.4	18.2
9 8	22 8.57	−14 29.8	1.278	2.261	7.4	18.5
9 18	22 1.81	−15 10.6	1.318	2.254	12.2	18.8
9 28	21 57.49	−15 34.3	1.379	2.247	16.3	19.0

55974 1998 QK_{72} 8 25.9 31°.33 6°.6/ 2.4 18

7 20	22 39.71	+11 51.9	2.294	3.035	15.2	19.2
7 30	22 36.11	+12 11.7	2.208	3.036	13.0	19.0
8 9	22 30.83	+12 11.2	2.141	3.038	10.6	18.8
8 19	22 24.33	+11 49.4	2.096	3.039	8.3	18.7
8 29	22 17.24	+11 7.2	2.076	3.041	6.8	18.6
9 8	22 10.33	+10 8.0	2.082	3.043	6.9	18.6
9 18	22 4.33	+ 8 57.2	2.114	3.045	8.5	18.7
9 28	21 59.86	+ 7 41.2	2.171	3.047	10.9	18.9

521230 2015 HZ_{126} 8 25.9 211°.46 1°.9/27.7 17

7 20	22 44.67	− 2 34.8	1.977	2.795	14.7	22.5
7 30	22 40.17	− 2 50.7	1.888	2.789	11.7	22.3
8 9	22 33.64	− 3 22.1	1.821	2.784	8.1	22.1
8 19	22 25.55	− 4 6.8	1.778	2.777	4.2	21.8
8 29	22 16.70	− 5 0.7	1.763	2.770	2.0	21.7
9 8	22 8.03	− 5 58.3	1.776	2.762	5.3	21.9
9 18	22 0.46	− 6 53.7	1.815	2.754	9.2	22.1
9 28	21 54.76	− 7 41.9	1.879	2.746	12.7	22.3

29387 1996 JC_{6} 8 25.9 143°.50 0°.1/25.9 18

7 20	22 45.16	− 7 35.8	1.869	2.707	14.7	18.9
7 30	22 40.52	− 8 13.6	1.798	2.716	11.3	18.7
8 9	22 33.80	− 9 4.1	1.749	2.723	7.4	18.5
8 19	22 25.58	−10 3.1	1.725	2.731	3.1	18.3
8 29	22 16.71	−11 4.7	1.729	2.737	1.4	18.2
9 8	22 8.19	−12 2.5	1.760	2.744	5.7	18.5
9 18	22 0.92	−12 51.2	1.818	2.749	9.7	18.7
9 28	21 55.64	−13 27.3	1.900	2.755	13.1	19.0

523810 2008 RG_{98} 8 25.9 195°.70 0°.5/25.4 18

7 20	22 51.14	− 9 52.7	3.064	3.871	10.3	23.1
7 30	22 44.33	−10 29.1	2.965	3.867	7.9	23.0
8 9	22 35.96	−11 12.4	2.892	3.861	5.1	22.8
8 19	22 26.43	−11 59.7	2.849	3.854	2.1	22.5
8 29	22 16.34	−12 47.1	2.838	3.845	1.3	22.5
9 8	22 6.38	−13 30.8	2.860	3.835	4.3	22.7
9 18	21 57.21	−14 7.8	2.912	3.824	7.3	22.9
9 28	21 49.42	−14 36.0	2.992	3.810	9.8	23.0

472170 2014 DN_{42} 8 25.9 167°.56 2°.3/23.9 18

7 20	22 44.42	−14 26.1	1.943	2.798	13.5	21.6
7 30	22 39.95	−15 8.0	1.871	2.800	10.3	21.4
8 9	22 33.44	−15 57.0	1.821	2.801	6.6	21.1
8 19	22 25.44	−16 47.7	1.797	2.802	3.1	20.9
8 29	22 16.78	−17 34.3	1.800	2.803	3.2	20.9
9 8	22 8.45	−18 11.2	1.831	2.803	6.7	21.2
9 18	22 1.33	−18 35.0	1.887	2.804	10.3	21.4
9 28	21 56.15	−18 43.8	1.967	2.804	13.5	21.6

97436 2000 AB_{238} 8 25.9 233°.82 6°.2/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.47	−24 41.4	2.060	2.925	12.5	19.2
7 30	22 40.15	−26 11.2	1.989	2.917	9.8	19.1
8 9	22 33.69	−27 42.1	1.941	2.908	7.3	18.9
8 19	22 25.59	−29 6.0	1.919	2.898	6.2	18.8
8 29	22 16.71	−30 15.0	1.924	2.889	7.2	18.9
9 8	22 8.06	−31 3.2	1.955	2.879	9.7	19.0
9 18	22 0.60	−31 27.9	2.010	2.868	12.5	19.1
9 28	21 55.13	−31 29.4	2.086	2.858	15.0	19.3

350012 2010 HX_{77} 8 25.9 315°.22 7°.8/ 2.5 18

7 20	22 40.06	+11 57.7	1.821	2.579	17.9	20.7
7 30	22 36.88	+12 21.8	1.733	2.573	15.5	20.5
8 9	22 31.62	+12 20.9	1.663	2.568	12.7	20.3
8 19	22 24.76	+11 53.0	1.613	2.562	9.9	20.1
8 29	22 17.07	+10 58.5	1.586	2.556	8.0	20.0
9 8	22 9.55	+ 9 42.0	1.585	2.551	8.1	20.0
9 18	22 3.15	+ 8 10.8	1.608	2.546	10.2	20.1
9 28	21 58.68	+ 6 34.0	1.656	2.541	13.1	20.3

394630 2007 XN_{28} 8 25.9 304°.53 3°.2/23.2 18

7 20	22 42.80	−16 5.3	1.800	2.666	14.0	21.1
7 30	22 39.00	−16 52.3	1.721	2.656	10.7	20.9
8 9	22 33.00	−17 46.4	1.664	2.645	7.0	20.6
8 19	22 25.33	−18 41.5	1.632	2.635	3.7	20.4
8 29	22 16.85	−19 30.9	1.626	2.625	4.1	20.4
9 8	22 8.62	−20 8.3	1.647	2.616	7.6	20.6
9 18	22 1.64	−20 29.9	1.692	2.606	11.4	20.8
9 28	21 56.73	−20 33.9	1.759	2.597	14.8	21.0

175224 2005 GN_{104} 8 25.9 160°.01 1°.1/25.2 17

7 20	22 48.24	−11 11.5	1.626	2.477	15.9	21.0
7 30	22 43.23	−11 36.1	1.555	2.481	12.2	20.8
8 9	22 35.75	−12 11.1	1.506	2.484	7.9	20.5
8 19	22 26.46	−12 51.7	1.481	2.487	3.2	20.3
8 29	22 16.38	−13 31.6	1.482	2.489	2.2	20.2
9 8	22 6.71	−14 4.8	1.510	2.492	6.8	20.5
9 18	21 58.56	−14 26.9	1.564	2.493	11.1	20.7
9 28	21 52.77	−14 35.5	1.640	2.495	14.9	21.0

175380 2006 HE_{103} 8 25.9 18°.95 10°.9/17.9 18

7 20	22 37.43	−24 55.3	0.869	1.789	19.9	18.5
7 30	22 36.55	−27 13.9	0.839	1.797	15.7	18.3
8 9	22 32.10	−29 29.7	0.827	1.807	12.2	18.1
8 19	22 25.04	−31 25.0	0.835	1.819	11.0	18.1
8 29	22 17.03	−32 44.0	0.862	1.832	12.7	18.2
9 8	22 9.95	−33 18.9	0.908	1.848	16.1	18.5
9 18	22 5.29	−33 10.4	0.971	1.864	19.7	18.8
9 28	22 3.94	−32 24.6	1.049	1.882	22.9	19.1

259121 2002 XN_{26} 8 25.9 236°.39 16°.3/ 4.9 16

7 20	22 49.88	+20 27.3	1.342	2.061	24.9	21.1
7 30	22 45.66	+22 34.4	1.262	2.053	22.8	20.9
8 9	22 38.14	+24 12.6	1.195	2.044	20.5	20.7
8 19	22 27.78	+25 12.2	1.144	2.034	18.2	20.5
8 29	22 15.70	+25 25.0	1.111	2.023	16.6	20.3
9 8	22 3.54	+24 49.5	1.098	2.013	16.3	20.3
9 18	21 53.02	+23 31.5	1.104	2.001	17.5	20.3
9 28	21 45.60	+21 43.7	1.129	1.989	19.7	20.4

476916 2008 WY_{72} 8 25.9 230°.15 2°.3/23.9 18

7 20	22 44.93	−14 36.7	2.031	2.884	13.1	21.9
7 30	22 40.36	−15 16.9	1.949	2.877	10.0	21.7
8 9	22 33.75	−16 4.0	1.890	2.869	6.5	21.5
8 19	22 25.62	−16 53.2	1.857	2.862	3.1	21.2
8 29	22 16.77	−17 38.5	1.852	2.854	3.1	21.2
9 8	22 8.14	−18 14.7	1.874	2.845	6.6	21.4
9 18	22 0.66	−18 38.0	1.922	2.836	10.2	21.6
9 28	21 55.06	−18 46.7	1.993	2.827	13.4	21.8

171705 2000 SC_{302} 8 25.9 256°.18 0°.8/25.4 18

7 20	22 47.94	−10 42.2	1.516	2.371	16.6	20.3
7 30	22 43.37	−10 57.9	1.433	2.361	12.9	20.0
8 9	22 36.11	−11 25.1	1.371	2.350	8.4	19.7
8 19	22 26.73	−11 59.6	1.332	2.339	3.5	19.4
8 29	22 16.27	−12 35.2	1.319	2.327	2.1	19.3
9 8	22 6.08	−13 5.5	1.332	2.316	7.2	19.6
9 18	21 57.41	−13 25.3	1.370	2.304	12.0	19.8
9 28	21 51.28	−13 31.6	1.430	2.292	16.2	20.1

184790 2005 TD_{57} 8 25.9 146°.60 0°.1/25.9 18

7 20	22 42.33	− 8 31.9	2.257	3.093	12.5	21.8
7 30	22 38.06	− 8 55.2	2.179	3.095	9.6	21.6
8 9	22 32.09	− 9 28.0	2.124	3.098	6.3	21.4
8 19	22 24.88	−10 7.1	2.094	3.100	2.6	21.1
8 29	22 17.13	−10 48.4	2.093	3.102	1.2	21.0
9 8	22 9.62	−11 27.3	2.120	3.104	4.9	21.3
9 18	22 3.10	−12 0.0	2.175	3.106	8.3	21.5
9 28	21 58.18	−12 23.6	2.253	3.107	11.4	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
478655 2012 TE_{242}			8 25.9 255°.20		4°.8/30.8 18	
	h m	° ′			°	m
7 20	22 41.22	+ 6 16.0	2.026	2.807	15.7	21.9
7 30	22 37.60	+ 6 7.4	1.926	2.793	13.1	21.7
8 9	22 32.03	+ 5 37.4	1.846	2.779	10.0	21.5
8 19	22 24.95	+ 4 46.0	1.789	2.765	6.9	21.3
8 29	22 17.06	+ 3 35.4	1.758	2.751	4.9	21.1
9 8	22 9.25	+ 2 11.2	1.755	2.736	6.0	21.2
9 18	22 2.42	+ 0 40.4	1.778	2.721	9.0	21.3
9 28	21 57.33	− 0 49.1	1.826	2.706	12.4	21.5
263670 2008 GQ_{114}			8 25.9 140°.03		0°.1/25.9 17	R
7 20	22 47.17	− 8 12.2	1.753	2.593	15.4	21.4
7 30	22 42.19	− 8 37.2	1.683	2.602	11.9	21.2
8 9	22 34.97	− 9 14.4	1.635	2.610	7.8	21.0
8 19	22 26.12	− 9 59.7	1.612	2.618	3.2	20.7
8 29	22 16.59	−10 47.6	1.616	2.625	1.4	20.6
9 8	22 7.46	−11 31.9	1.648	2.632	6.0	21.0
9 18	21 59.72	−12 7.9	1.705	2.638	10.1	21.2
9 28	21 54.13	−12 32.1	1.786	2.644	13.7	21.5
506444 2001 EE_{3}			8 25.9 134°.27		0°.7/25.4 17	
7 20	22 46.68	− 9 1.8	1.749	2.593	15.3	22.5
7 30	22 41.80	− 9 44.8	1.683	2.605	11.7	22.3
8 9	22 34.70	−10 40.1	1.639	2.616	7.5	22.1
8 19	22 26.01	−11 42.7	1.620	2.626	3.1	21.9
8 29	22 16.65	−12 45.8	1.628	2.636	1.8	21.8
9 8	22 7.71	−13 42.8	1.664	2.645	6.2	22.1
9 18	22 0.15	−14 28.3	1.725	2.653	10.3	22.4
9 28	21 54.75	−14 59.4	1.810	2.661	13.8	22.6
393060 2013 AV_{71}			8 25.9 211°.67		4°.5/30.7 18	
7 20	22 41.62	+ 5 27.4	2.192	2.971	14.7	21.9
7 30	22 37.67	+ 5 26.2	2.101	2.967	12.2	21.7
8 9	22 31.93	+ 5 6.5	2.030	2.963	9.3	21.5
8 19	22 24.86	+ 4 28.6	1.983	2.959	6.4	21.3
8 29	22 17.13	+ 3 34.6	1.963	2.955	4.5	21.2
9 8	22 9.56	+ 2 29.3	1.970	2.950	5.5	21.3
9 18	22 2.93	+ 1 18.3	2.004	2.945	8.3	21.4
9 28	21 57.93	+ 0 8.1	2.064	2.940	11.3	21.6
434747 2006 GG_{55}			8 25.9 320°.98		10°.6/18.3 18	
7 20	22 51.04	−34 26.5	1.523	2.390	16.0	19.9
7 30	22 46.11	−35 31.9	1.459	2.376	13.5	19.7
8 9	22 38.00	−36 27.3	1.416	2.362	11.4	19.5
8 19	22 27.51	−37 2.1	1.395	2.349	10.6	19.5
8 29	22 16.00	−37 7.1	1.396	2.337	11.7	19.5
9 8	22 5.11	−36 38.1	1.421	2.325	14.0	19.6
9 18	21 56.26	−35 36.6	1.465	2.314	16.8	19.7
9 28	21 50.49	−34 8.0	1.529	2.303	19.5	19.9
202723 2007 HY_{62}			8 25.9 36°.03		5°.4/30.7 16	
7 20	22 39.84	+ 5 11.1	1.343	2.164	20.2	20.7
7 30	22 37.06	+ 5 7.4	1.286	2.179	16.6	20.5
8 9	22 31.84	+ 4 35.7	1.246	2.195	12.4	20.3
8 19	22 24.86	+ 3 37.2	1.227	2.211	8.2	20.1
8 29	22 17.16	+ 2 17.1	1.231	2.228	5.5	20.0
9 8	22 9.97	+ 0 44.6	1.259	2.246	6.9	20.2
9 18	22 4.34	− 0 50.1	1.311	2.264	10.6	20.4
9 28	22 1.06	− 2 17.3	1.386	2.283	14.4	20.7
487779 2015 RJ_{222}			8 25.9 273°.35		0°.9/25.0 17	
7 20	22 41.66	−11 2.5	2.417	3.258	11.7	22.4
7 30	22 37.62	−11 33.9	2.318	3.239	8.9	22.2
8 9	22 31.88	−12 13.6	2.243	3.220	5.8	22.0
8 19	22 24.84	−12 58.2	2.194	3.200	2.4	21.7
8 29	22 17.14	−13 43.4	2.174	3.180	1.7	21.6
9 8	22 9.52	−14 24.7	2.182	3.160	5.2	21.8
9 18	22 2.75	−14 58.0	2.217	3.140	8.6	22.0
9 28	21 57.48	−15 20.8	2.276	3.120	11.6	22.2
513792 2013 BH_{83}			8 25.9 75°.66		3°.0/22.9 18	
7 20	22 42.46	−17 10.1	2.199	3.057	12.1	21.1
7 30	22 38.20	−17 57.7	2.136	3.066	9.1	20.9
8 9	22 32.18	−18 49.4	2.096	3.075	6.0	20.7
8 19	22 24.91	−19 40.0	2.082	3.083	3.3	20.6
8 29	22 17.15	−20 24.0	2.096	3.092	3.7	20.6
9 8	22 9.71	−20 57.1	2.137	3.100	6.6	20.8
9 18	22 3.36	−21 16.6	2.204	3.109	9.6	21.0
9 28	21 58.70	−21 21.4	2.295	3.118	12.3	21.2
183859 2004 CM_{10}			8 25.9 278°.29		1°.3/25.0 18	
7 20	22 44.36	−10 8.5	1.557	2.416	16.1	20.9
7 30	22 40.70	−10 49.2	1.465	2.395	12.5	20.7
8 9	22 34.45	−11 44.7	1.393	2.374	8.2	20.4
8 19	22 26.09	−12 50.0	1.345	2.352	3.4	20.0
8 29	22 16.56	−13 57.8	1.323	2.330	2.5	19.9
9 8	22 7.11	−14 59.5	1.327	2.308	7.5	20.2
9 18	21 58.98	−15 48.3	1.355	2.286	12.3	20.4
9 28	21 53.25	−16 19.6	1.405	2.264	16.6	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
355492 2007 XP_{4}			8 25.9 325°.62		7°.0/20.1 16	
	h m	° ′			°	m
7 20	22 39.46	−21 51.6	1.374	2.267	15.8	19.7
7 30	22 37.39	−23 13.6	1.292	2.238	12.4	19.4
8 9	22 32.52	−24 42.5	1.229	2.210	9.0	19.2
8 19	22 25.35	−26 8.2	1.190	2.182	7.0	19.0
8 29	22 16.90	−27 19.1	1.173	2.156	8.4	19.0
9 8	22 8.58	−28 5.4	1.180	2.130	12.1	19.1
9 18	22 1.79	−28 21.9	1.207	2.106	16.2	19.3
9 28	21 57.71	−28 7.9	1.252	2.083	20.0	19.5
206603 2003 WG_{55}			8 25.9 296°.59		1°.0/25.2 18	
7 20	22 44.06	−11 15.3	1.779	2.633	14.6	20.3
7 30	22 39.97	−11 36.1	1.696	2.623	11.3	20.0
8 9	22 33.66	−12 6.6	1.635	2.614	7.3	19.8
8 19	22 25.65	−12 42.8	1.598	2.604	3.0	19.5
8 29	22 16.82	−13 19.3	1.588	2.595	2.0	19.4
9 8	22 8.23	−13 50.4	1.604	2.586	6.4	19.7
9 18	22 0.88	−14 11.9	1.646	2.577	10.5	19.9
9 28	21 55.62	−14 21.0	1.711	2.568	14.2	20.1
394684 2008 CM_{133}			8 25.9 53°.35		0°.1/25.9 18	
7 20	22 39.74	− 6 15.7	1.928	2.771	14.1	20.2
7 30	22 36.33	− 7 10.8	1.862	2.781	10.8	20.1
8 9	22 31.08	− 8 20.0	1.817	2.792	7.1	19.8
8 19	22 24.50	− 9 38.6	1.798	2.803	2.9	19.6
8 29	22 17.36	−11 0.1	1.806	2.815	1.3	19.5
9 8	22 10.55	−12 17.6	1.842	2.826	5.4	19.8
9 18	22 4.84	−13 25.2	1.904	2.838	9.2	20.1
9 28	22 0.90	−14 18.7	1.991	2.850	12.4	20.3
126812 2002 EQ_{43}			8 25.9 183°.86		0°.0/26.0 18	
7 20	22 42.14	− 8 22.2	2.646	3.474	11.2	21.0
7 30	22 37.70	− 8 46.0	2.562	3.474	8.6	20.8
8 9	22 31.76	− 9 18.0	2.502	3.474	5.6	20.6
8 19	22 24.75	− 9 55.7	2.468	3.473	2.4	20.4
8 29	22 17.25	−10 35.4	2.464	3.472	1.0	20.3
9 8	22 9.94	−11 13.2	2.488	3.471	4.3	20.6
9 18	22 3.46	−11 45.9	2.541	3.469	7.4	20.8
9 28	21 58.35	−12 10.8	2.619	3.467	10.2	20.9
27652 2462 $T\text{-}_{3}$			8 25.9 39°.52		0°.3/25.9 18	
7 20	22 45.65	− 9 9.8	1.109	1.985	20.0	18.6
7 30	22 41.86	− 9 22.4	1.065	2.002	15.3	18.4
8 9	22 35.09	− 9 50.3	1.038	2.020	10.0	18.2
8 19	22 26.24	−10 28.1	1.032	2.039	4.1	17.9
8 29	22 16.67	−11 8.0	1.050	2.058	1.9	17.8
9 8	22 7.92	−11 42.2	1.091	2.079	7.5	18.2
9 18	22 1.24	−12 5.1	1.154	2.099	12.6	18.6
9 28	21 57.46	−12 13.5	1.238	2.121	16.8	18.9
475639 2006 UH_{254}			8 25.9 265°.67		7°.3/ 3.0 16	
7 20	22 40.18	+13 27.7	2.178	2.911	16.1	21.9
7 30	22 36.65	+13 46.7	2.086	2.907	13.9	21.7
8 9	22 31.33	+13 43.3	2.013	2.903	11.5	21.5
8 19	22 24.65	+13 16.0	1.961	2.899	9.2	21.4
8 29	22 17.29	+12 25.2	1.933	2.894	7.5	21.3
9 8	22 10.08	+11 14.8	1.931	2.890	7.5	21.3
9 18	22 3.81	+ 9 50.5	1.956	2.886	9.2	21.4
9 28	21 59.17	+ 8 20.0	2.005	2.882	11.6	21.5
212738 2007 RJ_{271}			8 25.9 275°.16		2°.3/23.9 18	
7 20	22 43.55	−14 25.6	1.944	2.802	13.4	20.7
7 30	22 39.41	−15 4.8	1.864	2.793	10.2	20.4
8 9	22 33.21	−15 51.3	1.805	2.785	6.6	20.2
8 19	22 25.45	−16 40.3	1.772	2.777	3.1	20.0
8 29	22 16.96	−17 25.6	1.766	2.769	3.2	20.0
9 8	22 8.71	−18 1.8	1.787	2.760	6.7	20.2
9 18	22 1.61	−18 25.1	1.834	2.752	10.4	20.4
9 28	21 56.44	−18 33.3	1.904	2.744	13.7	20.6
275765 2001 PT_{29}			8 25.9 10°.31		0°.7/25.6 13	C
7 20	22 39.74	−10 28.7	0.992	1.886	20.3	20.2
7 30	22 37.80	−10 35.0	0.941	1.889	15.6	19.9
8 9	22 32.73	−10 56.4	0.907	1.894	10.2	19.6
8 19	22 25.36	−11 27.4	0.893	1.900	4.2	19.3
8 29	22 17.04	−12 0.4	0.900	1.908	2.2	19.2
9 8	22 9.40	−12 26.9	0.929	1.918	8.1	19.6
9 18	22 3.80	−12 41.1	0.979	1.930	13.5	20.0
9 28	22 1.20	−12 39.6	1.047	1.943	18.1	20.3
319018 2005 UC_{512}			8 25.9 230°.39		4°.3/30.8 18	
7 20	22 41.79	+ 5 32.9	2.706	3.470	12.6	21.0
7 30	22 37.49	+ 5 48.4	2.607	3.461	10.5	20.8
8 9	22 31.69	+ 5 49.8	2.528	3.453	8.1	20.7
8 19	22 24.76	+ 5 36.8	2.475	3.443	5.8	20.5
8 29	22 17.27	+ 5 10.5	2.448	3.434	4.3	20.4
9 8	22 9.88	+ 4 33.8	2.450	3.424	5.1	20.4
9 18	22 3.22	+ 3 50.4	2.480	3.414	7.3	20.6
9 28	21 57.89	+ 3 4.6	2.535	3.404	9.8	20.7

239331 2007 RZ_{69} 8 25.9 193°.30 2°.2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 44.60	−14 7.5	1.890	2.747	13.8	20.8
7 30	22 40.19	−14 45.8	1.817	2.746	10.5	20.6
8 9	22 33.69	−15 31.5	1.766	2.746	6.8	20.3
8 19	22 25.64	−16 19.4	1.740	2.745	3.1	20.1
8 29	22 16.91	−17 3.5	1.742	2.745	3.1	20.1
9 8	22 8.49	−17 38.4	1.770	2.744	6.7	20.3
9 18	22 1.32	−18 0.4	1.824	2.743	10.4	20.6
9 28	21 56.13	−18 7.6	1.902	2.743	13.7	20.8

433804 2015 BW_{104} 8 25.9 175°.00 0°.5/25.6 17

7 20	22 46.18	− 8 27.5	1.855	2.695	14.7	22.4
7 30	22 41.42	− 9 7.5	1.779	2.698	11.3	22.2
8 9	22 34.51	−10 0.2	1.724	2.700	7.4	22.0
8 19	22 26.00	−11 0.9	1.695	2.701	3.0	21.7
8 29	22 16.76	−12 3.7	1.694	2.702	1.6	21.6
9 8	22 7.81	−13 1.7	1.720	2.702	6.0	21.9
9 18	22 0.12	−13 49.9	1.773	2.702	10.1	22.2
9 28	21 54.47	−14 24.5	1.849	2.701	13.6	22.4

511686 2015 BH_{512} 8 25.9 187°.49 2°.4/28.2 17

7 20	22 45.12	− 0 53.0	1.869	2.683	15.6	22.3
7 30	22 40.63	− 1 12.9	1.786	2.683	12.5	22.0
8 9	22 34.02	− 1 50.7	1.723	2.682	8.8	21.8
8 19	22 25.81	− 2 44.2	1.685	2.681	4.8	21.6
8 29	22 16.83	− 3 48.8	1.673	2.679	2.4	21.4
9 8	22 8.09	− 4 58.3	1.689	2.676	5.4	21.6
9 18	22 0.52	− 6 5.9	1.733	2.673	9.4	21.9
9 28	21 54.93	− 7 5.7	1.800	2.670	13.0	22.1

103615 2000 CQ_{22} 8 25.9 209°.99 0°.0/26.0 18

7 20	22 42.55	− 7 6.4	2.417	3.244	12.1	20.5
7 30	22 38.23	− 7 47.9	2.327	3.238	9.3	20.3
8 9	22 32.25	− 8 40.5	2.260	3.231	6.1	20.1
8 19	22 25.02	− 9 41.1	2.219	3.224	2.6	19.9
8 29	22 17.18	−10 44.9	2.207	3.216	1.1	19.7
9 8	22 9.49	−11 46.7	2.225	3.208	4.8	20.0
9 18	22 2.66	−12 41.9	2.271	3.199	8.2	20.2
9 28	21 57.34	−13 26.9	2.342	3.189	11.2	20.4

268193 2005 AF_{19} 8 26.0 290°.01 2°.2/28.7 18

7 20	22 39.21	+ 1 54.0	2.415	3.211	13.0	20.6
7 30	22 35.87	+ 0 59.9	2.295	3.180	10.5	20.4
8 9	22 30.86	− 0 14.1	2.197	3.149	7.6	20.1
8 19	22 24.51	− 1 46.1	2.124	3.118	4.3	19.9
8 29	22 17.39	− 3 31.9	2.080	3.086	2.2	19.7
9 8	22 10.23	− 5 25.2	2.066	3.054	4.6	19.8
9 18	22 3.77	− 7 18.6	2.082	3.021	8.1	20.0
9 28	21 58.73	− 9 4.8	2.124	2.989	11.5	20.1

185292 2006 UJ_{226} 8 26.0 304°.28 0°.6/26.6 18

7 20	22 41.57	− 6 20.1	1.942	2.781	14.2	20.6
7 30	22 37.86	− 6 41.1	1.858	2.774	11.0	20.3
8 9	22 32.20	− 7 14.9	1.795	2.768	7.4	20.1
8 19	22 25.05	− 7 58.8	1.757	2.761	3.3	19.9
8 29	22 17.20	− 8 48.0	1.746	2.755	1.2	19.7
9 8	22 9.54	− 9 36.9	1.762	2.749	5.3	20.0
9 18	22 2.97	−10 20.4	1.805	2.743	9.3	20.2
9 28	21 58.23	−10 54.4	1.871	2.737	12.8	20.4

276930 2004 TY_{156} 8 26.0 94°.26 4°.9/22.3 17

7 20	22 49.02	−21 28.4	1.727	2.592	14.5	20.4
7 30	22 43.67	−22 14.9	1.672	2.603	11.1	20.2
8 9	22 35.95	−23 2.1	1.639	2.614	7.7	20.0
8 19	22 26.58	−23 43.0	1.630	2.625	5.1	19.9
8 29	22 16.60	−24 10.8	1.648	2.636	5.8	19.9
9 8	22 7.19	−24 21.2	1.692	2.647	8.7	20.1
9 18	21 59.37	−24 12.9	1.760	2.657	12.0	20.4
9 28	21 53.89	−23 46.7	1.851	2.667	15.0	20.6

152131 2004 TW_{117} 8 26.0 8°.54 1°.1/27.1 18

7 20	22 38.78	− 4 24.0	1.862	2.702	14.7	19.3
7 30	22 35.74	− 4 52.1	1.787	2.703	11.4	19.1
8 9	22 30.79	− 5 35.4	1.734	2.705	7.7	18.9
8 19	22 24.45	− 6 30.6	1.705	2.707	3.7	18.7
8 29	22 17.48	− 7 32.7	1.702	2.710	1.4	18.5
9 8	22 10.77	− 8 35.3	1.726	2.714	5.2	18.8
9 18	22 5.17	− 9 32.6	1.775	2.718	9.1	19.0
9 28	22 1.37	−10 19.6	1.849	2.722	12.6	19.3

382510 2001 SK_{18} 8 26.0 318°.35 1°.6/27.3 18

7 20	22 39.27	− 3 8.6	1.395	2.248	17.9	20.2
7 30	22 36.92	− 3 38.2	1.311	2.234	14.2	19.9
8 9	22 32.04	− 4 30.1	1.246	2.219	9.8	19.6
8 19	22 25.14	− 5 41.4	1.203	2.206	4.8	19.3
8 29	22 17.17	− 7 5.6	1.184	2.192	1.8	19.1
9 8	22 9.36	− 8 33.1	1.190	2.180	6.6	19.4
9 18	22 2.95	− 9 54.3	1.219	2.168	11.7	19.6
9 28	21 58.94	−11 1.3	1.271	2.156	16.3	19.9

184956 2005 WC_{104} 8 26.0 49°.69 5°.7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
7 20	22 42.79	−24 20.0	2.032	2.901	12.5	19.5
7 30	22 38.73	−25 34.0	1.978	2.908	9.7	19.3
8 9	22 32.68	−26 47.3	1.946	2.916	7.1	19.2
8 19	22 25.22	−27 52.7	1.940	2.924	5.7	19.1
8 29	22 17.20	−28 43.6	1.961	2.932	6.6	19.2
9 8	22 9.56	−29 15.3	2.008	2.940	9.0	19.4
9 18	22 3.15	−29 26.2	2.078	2.949	11.6	19.5
9 28	21 58.66	−29 16.9	2.170	2.957	14.1	19.7

496805 2017 JE_{2} 8 26.0 12°.88 20°.0/ 3.2 17

7 20	22 41.95	−40 28.2	0.869	1.772	21.6	19.8
7 30	22 41.55	−45 15.2	0.854	1.773	20.2	19.7
8 9	22 36.44	−49 31.9	0.859	1.774	20.3	19.7
8 19	22 27.32	−52 52.6	0.882	1.776	21.8	19.8
8 29	22 16.24	−55 0.6	0.921	1.779	24.0	20.0
9 8	22 6.07	−55 53.7	0.973	1.783	26.3	20.2
9 18	21 59.27	−55 40.4	1.035	1.787	28.4	20.4
9 28	21 57.25	−54 33.7	1.105	1.791	30.1	20.6

333591 2007 CM_{29} 8 26.0 79°.28 3°.5/22.6 18

7 20	22 42.21	−12 38.9	1.545	2.413	15.7	20.5
7 30	22 38.76	−14 26.6	1.487	2.423	11.8	20.3
8 9	22 32.96	−16 27.3	1.451	2.434	7.6	20.1
8 19	22 25.41	−18 31.5	1.440	2.444	3.9	19.9
8 29	22 17.11	−20 27.7	1.457	2.455	4.7	20.0
9 8	22 9.22	−22 6.0	1.500	2.465	8.6	20.2
9 18	22 2.79	−23 20.3	1.567	2.475	12.5	20.5
9 28	21 58.64	−24 8.3	1.656	2.485	15.9	20.7

472274 2014 UC_{84} 8 26.0 183°.45 5°.9/21.5 17

7 20	22 50.23	−21 58.9	1.583	2.451	15.4	21.5
7 30	22 45.04	−23 5.9	1.519	2.451	12.0	21.3
8 9	22 37.12	−24 15.0	1.477	2.451	8.4	21.1
8 19	22 27.18	−25 17.4	1.459	2.451	6.0	20.9
8 29	22 16.36	−26 4.1	1.467	2.450	6.9	21.0
9 8	22 6.02	−26 29.0	1.500	2.449	10.1	21.2
9 18	21 57.39	−26 29.9	1.557	2.447	13.7	21.4
9 28	21 51.38	−26 8.2	1.634	2.445	16.9	21.6

322588 2012 BY_{14} 8 26.0 258°.48 0°.8/25.1 18

7 20	22 40.13	− 9 23.9	2.358	3.199	11.9	21.1
7 30	22 36.47	−10 14.2	2.268	3.188	9.1	20.9
8 9	22 31.16	−11 15.0	2.201	3.178	5.9	20.7
8 19	22 24.61	−12 22.3	2.161	3.167	2.4	20.4
8 29	22 17.44	−13 31.1	2.149	3.156	1.7	20.4
9 8	22 10.40	−14 35.7	2.166	3.145	5.2	20.6
9 18	22 4.22	−15 31.4	2.210	3.134	8.6	20.8
9 28	21 59.53	−16 14.8	2.279	3.123	11.6	21.0

508506 2016 QT_{24} 8 26.0 127°.65 5°.2/30.2 18

7 20	22 47.21	+ 4 1.2	1.897	2.683	16.4	20.5
7 30	22 42.13	+ 4 33.9	1.821	2.692	13.5	20.3
8 9	22 34.94	+ 4 48.8	1.765	2.700	10.3	20.1
8 19	22 26.21	+ 4 45.2	1.732	2.708	7.1	20.0
8 29	22 16.78	+ 4 24.8	1.725	2.716	5.2	19.9
9 8	22 7.65	+ 3 51.2	1.746	2.723	6.4	20.0
9 18	21 59.77	+ 3 9.9	1.792	2.730	9.3	20.2
9 28	21 53.88	+ 2 26.8	1.863	2.737	12.5	20.4

234070 1999 PV_{1} 8 26.0 352°.35 1°.5/25.3 18

7 20	22 47.98	−15 5.7	1.249	2.126	18.2	18.5
7 30	22 43.80	−14 39.3	1.180	2.118	14.0	18.2
8 9	22 36.57	−14 17.5	1.129	2.112	9.2	17.9
8 19	22 27.02	−13 56.3	1.101	2.107	3.9	17.6
8 29	22 16.43	−13 31.4	1.096	2.104	2.6	17.5
9 8	22 6.38	−12 59.6	1.116	2.102	7.8	17.8
9 18	21 58.26	−12 19.3	1.159	2.101	12.9	18.1
9 28	21 53.08	−11 30.1	1.223	2.101	17.3	18.4

176467 2001 XD_{125} 8 26.0 286°.77 0°.2/25.9 18

7 20	22 41.34	− 8 9.4	2.034	2.877	13.5	21.0
7 30	22 37.65	− 8 40.5	1.947	2.867	10.4	20.8
8 9	22 32.06	− 9 23.2	1.881	2.857	6.8	20.6
8 19	22 25.03	−10 14.3	1.841	2.847	2.9	20.3
8 29	22 17.28	−11 8.5	1.828	2.837	1.3	20.2
9 8	22 9.70	−12 0.4	1.843	2.827	5.4	20.4
9 18	22 3.14	−12 44.9	1.884	2.817	9.3	20.6
9 28	21 58.34	−13 18.2	1.949	2.807	12.7	20.8

174957 2004 CJ_{129} 8 26.0 248°.14 0°.7/25.4 18

7 20	22 43.43	−10 13.0	2.014	2.859	13.5	20.9
7 30	22 39.21	−10 39.4	1.934	2.856	10.4	20.7
8 9	22 33.04	−11 15.3	1.875	2.852	6.7	20.4
8 19	22 25.42	−11 57.1	1.842	2.848	2.8	20.2
8 29	22 17.13	−12 39.8	1.837	2.844	1.6	20.1
9 8	22 9.07	−13 18.2	1.859	2.840	5.6	20.4
9 18	22 2.12	−13 48.1	1.907	2.836	9.4	20.6
9 28	21 57.00	−14 6.8	1.979	2.832	12.7	20.8