220356 2003 JJ_{15} 9 21.9 183.°15 1.°0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.20	+ 7 23.8	4.627	5.447	6.8	20.5
8 29	0 6.97	+ 6 59.2	4.542	5.447	5.2	20.4
9 8	0 3.06	+ 6 27.8	4.483	5.447	3.4	20.3
9 18	23 58.71	+ 5 51.0	4.451	5.447	1.6	20.1
9 28	23 54.23	+ 5 10.8	4.451	5.447	1.3	20.1
10 8	23 49.96	+ 4 29.5	4.480	5.447	2.9	20.2
10 18	23 46.18	+ 3 49.5	4.539	5.446	4.7	20.4
10 28	23 43.18	+ 3 13.1	4.625	5.446	6.4	20.5

367696 2010 RT_{126} 9 21.9 338.°27 2.°4/20.3 17

8 19	0 12.61	− 1 12.8	0.928	1.844	19.0	20.5
8 29	0 11.15	− 2 1.6	0.863	1.825	14.1	20.2
9 8	0 6.68	− 3 10.4	0.815	1.807	8.4	19.8
9 18	23 59.93	− 4 30.5	0.788	1.791	2.8	19.4
9 28	23 52.34	− 5 48.9	0.782	1.777	5.7	19.6
10 8	23 45.61	− 6 52.0	0.796	1.764	12.0	19.9
10 18	23 41.22	− 7 29.8	0.829	1.754	17.7	20.1
10 28	23 40.18	− 7 37.3	0.879	1.745	22.6	20.4

514060 2014 OX_{375} 9 21.9 61.°53 3.°7/25.7 18

8 19	0 21.20	+11 30.9	2.093	2.908	14.0	21.1
8 29	0 15.78	+11 50.8	2.027	2.922	11.1	21.0
9 8	0 8.62	+11 54.9	1.983	2.935	7.8	20.8
9 18	0 0.35	+11 44.0	1.965	2.949	4.8	20.6
9 28	23 51.81	+11 20.6	1.975	2.964	3.8	20.6
10 8	23 43.88	+10 49.1	2.012	2.978	6.0	20.8
10 18	23 37.33	+10 14.9	2.077	2.992	9.1	21.0
10 28	23 32.72	+ 9 43.3	2.165	3.006	11.9	21.2

169959 2002 TG_{113} 9 21.9 304.°22 5.°4/27.0 18

8 19	0 18.36	+15 24.0	1.783	2.595	16.2	19.8
8 29	0 14.25	+15 37.9	1.693	2.580	13.3	19.6
9 8	0 8.02	+15 30.0	1.622	2.565	9.9	19.3
9 18	0 0.26	+14 59.6	1.574	2.551	6.8	19.1
9 28	23 51.87	+14 9.1	1.552	2.537	5.4	19.0
10 8	23 43.95	+13 4.4	1.556	2.522	7.4	19.1
10 18	23 37.50	+11 53.3	1.586	2.509	10.8	19.3
10 28	23 33.30	+10 44.5	1.639	2.495	14.3	19.5

287021 2002 QL_{87} 9 21.9 11.°91 0.°9/21.3 18

8 19	0 19.51	− 0 35.2	1.557	2.435	14.9	20.6
8 29	0 15.01	− 1 0.5	1.495	2.436	11.0	20.4
9 8	0 8.37	− 1 36.7	1.454	2.438	6.5	20.1
9 18	0 0.31	− 2 19.0	1.438	2.441	1.8	19.9
9 28	23 51.88	− 3 0.9	1.448	2.444	3.4	20.0
10 8	23 44.21	− 3 35.5	1.485	2.448	8.0	20.3
10 18	23 38.23	− 3 58.1	1.545	2.452	12.2	20.5
10 28	23 34.63	− 4 5.2	1.628	2.456	15.8	20.8

458459 2011 BS_{30} 9 21.9 305.°04 5.°9/27.7 17

8 19	0 21.38	+17 17.3	2.222	3.003	14.3	21.1
8 29	0 16.14	+18 2.6	2.129	2.992	11.9	20.9
9 8	0 9.01	+18 31.0	2.058	2.981	9.3	20.8
9 18	0 0.53	+18 40.7	2.011	2.971	7.0	20.6
9 28	23 51.49	+18 32.1	1.990	2.960	5.9	20.5
10 8	23 42.83	+18 8.3	1.997	2.950	7.1	20.6
10 18	23 35.42	+17 34.2	2.030	2.940	9.6	20.7
10 28	23 29.95	+16 56.0	2.088	2.930	12.3	20.9

374851 2006 VV_2 9 21.9 241.°68 2.°3/19.5 18 R

8 19	0 27.79	− 6 59.4	2.732	3.581	10.1	22.4
8 29	0 20.48	− 7 33.7	2.628	3.556	7.5	22.2
9 8	0 11.46	− 8 11.6	2.550	3.528	4.6	22.0
9 18	0 1.22	− 8 49.1	2.502	3.500	2.4	21.8
9 28	23 50.48	− 9 21.6	2.487	3.470	3.8	21.8
10 8	23 40.04	− 9 45.2	2.503	3.438	6.9	22.0
10 18	23 30.66	− 9 57.1	2.548	3.406	9.9	22.1
10 28	23 22.99	− 9 55.8	2.619	3.371	12.5	22.3

99820 2002 LG_{56} 9 21.9 71.°96 10.°1/11.4 18

8 19	0 20.85	−17 31.3	1.294	2.196	15.6	18.0
8 29	0 16.16	−20 41.6	1.279	2.222	12.3	17.9
9 8	0 9.03	−23 40.8	1.288	2.248	10.3	17.9
9 18	0 0.47	−26 12.4	1.322	2.274	10.6	18.0
9 28	23 51.79	−28 4.5	1.381	2.300	12.9	18.2
10 8	23 44.30	−29 12.6	1.462	2.326	15.7	18.4
10 18	23 38.94	−29 38.7	1.562	2.351	18.3	18.7
10 28	23 36.29	−29 28.6	1.678	2.376	20.4	18.9

355312 2007 RZ_{310} 9 21.9 0.°98 12.°5/13.7 17

8 19	0 18.24	−24 6.4	1.018	1.931	17.9	19.0
8 29	0 14.99	−25 15.3	0.982	1.927	14.9	18.8
9 8	0 8.68	−26 7.0	0.965	1.924	12.9	18.7
9 18	0 0.42	−26 28.8	0.966	1.924	12.7	18.7
9 28	23 51.85	−26 11.9	0.987	1.926	14.6	18.8
10 8	23 44.62	−25 14.9	1.028	1.931	17.5	19.0
10 18	23 39.91	−23 42.1	1.086	1.937	20.6	19.2
10 28	23 38.40	−21 41.2	1.160	1.946	23.3	19.5

228485 2001 SC_{128} 9 22.0 333.°49 0.°6/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.79	+ 3 47.0	1.265	2.147	17.3	20.2
8 29	0 13.59	+ 3 18.9	1.193	2.135	13.1	19.9
9 8	0 7.83	+ 2 31.2	1.141	2.124	8.1	19.6
9 18	0 0.23	+ 1 28.3	1.111	2.113	2.6	19.2
9 28	23 51.99	+ 0 18.6	1.105	2.103	3.3	19.3
10 8	23 44.47	− 0 47.9	1.124	2.094	8.8	19.6
10 18	23 38.87	− 1 42.1	1.165	2.087	13.9	19.8
10 28	23 36.07	− 2 17.4	1.226	2.080	18.3	20.1

477038 2009 AJ_{22} 9 22.0 267.°27 3.°0/24.9 18

8 19	0 20.20	+ 9 57.4	1.942	2.770	14.4	22.0
8 29	0 15.42	+ 9 54.0	1.848	2.754	11.3	21.7
9 8	0 8.65	+ 9 33.4	1.776	2.738	7.8	21.5
9 18	0 0.44	+ 8 56.5	1.729	2.721	4.3	21.2
9 28	23 51.66	+ 8 7.0	1.710	2.704	3.3	21.2
10 8	23 43.30	+ 7 10.7	1.718	2.687	6.5	21.3
10 18	23 36.30	+ 6 14.2	1.753	2.669	10.4	21.5
10 28	23 31.39	+ 5 24.3	1.811	2.651	13.9	21.7

240928 2006 FM_{15} 9 22.0 214.°15 0.°1/22.1 18

8 19	0 20.57	+ 2 13.2	1.829	2.689	13.8	21.4
8 29	0 15.60	+ 1 43.9	1.755	2.686	10.3	21.1
9 8	0 8.68	+ 1 2.0	1.704	2.684	6.3	20.9
9 18	0 0.43	+ 0 11.4	1.678	2.681	1.8	20.6
9 28	23 51.78	− 0 41.9	1.681	2.678	2.7	20.7
10 8	23 43.73	− 1 31.4	1.711	2.674	7.1	20.9
10 18	23 37.16	− 2 11.5	1.766	2.671	11.0	21.2
10 28	23 32.74	− 2 38.2	1.845	2.667	14.4	21.4

482678 2013 CV_{63} 9 22.0 270.°32 2.°7/24.8 18

8 19	0 18.48	+ 9 38.3	1.979	2.811	14.0	21.5
8 29	0 14.02	+ 9 25.5	1.895	2.803	11.0	21.3
9 8	0 7.73	+ 8 55.5	1.832	2.796	7.5	21.1
9 18	0 0.16	+ 8 10.3	1.796	2.789	3.9	20.9
9 28	23 52.16	+ 7 13.9	1.786	2.781	3.0	20.8
10 8	23 44.65	+ 6 12.6	1.804	2.774	6.2	21.0
10 18	23 38.47	+ 5 12.9	1.849	2.766	9.9	21.2
10 28	23 34.27	+ 4 21.1	1.918	2.759	13.2	21.4

136447 2005 EN_{124} 9 22.0 239.°12 1.°4/20.8 18

8 19	0 21.13	− 0 9.1	1.560	2.434	15.0	20.6
8 29	0 16.38	− 1 4.1	1.486	2.426	11.1	20.4
9 8	0 9.32	− 2 13.1	1.433	2.417	6.6	20.1
9 18	0 0.65	− 3 30.2	1.406	2.408	2.0	19.8
9 28	23 51.45	− 4 46.5	1.405	2.399	4.0	19.9
10 8	23 42.90	− 5 53.3	1.431	2.390	8.8	20.2
10 18	23 36.07	− 6 43.7	1.482	2.380	13.2	20.4
10 28	23 31.72	− 7 13.6	1.554	2.369	17.0	20.6

178811 2001 FJ_{82} 9 22.0 86.°05 3.°3/25.1 17

8 19	0 23.10	+11 35.1	1.551	2.383	17.3	20.1
8 29	0 17.50	+11 7.0	1.502	2.409	13.4	20.0
9 8	0 9.75	+10 16.2	1.473	2.435	9.1	19.8
9 18	0 0.71	+ 9 6.5	1.468	2.460	4.8	19.6
9 28	23 51.50	+ 7 44.7	1.490	2.485	3.6	19.6
10 8	23 43.28	+ 6 20.1	1.540	2.510	7.0	19.9
10 18	23 36.92	+ 5 1.4	1.615	2.534	10.9	20.1
10 28	23 33.01	+ 3 55.6	1.713	2.557	14.4	20.4

178421 1998 SQ_{10} 9 22.0 324.°55 7.°6/29.9 17

8 19	0 11.68	+24 56.4	1.019	1.837	25.2	18.9
8 29	0 10.42	+23 48.2	0.942	1.827	21.3	18.6
9 8	0 6.21	+21 41.2	0.879	1.818	16.6	18.3
9 18	23 59.83	+18 32.5	0.835	1.809	11.4	18.0
9 28	23 52.67	+14 31.7	0.813	1.801	7.8	17.8
10 8	23 46.43	+10 2.8	0.816	1.794	9.6	17.9
10 18	23 42.50	+ 5 36.6	0.843	1.788	14.8	18.1
10 28	23 41.84	+ 1 41.1	0.893	1.782	20.2	18.4

442390 2011 UJ_{30} 9 22.0 321.°05 4.°1/26.3 15

8 19	0 15.85	+13 46.1	1.762	2.586	15.8	21.1
8 29	0 12.33	+13 29.4	1.676	2.576	12.7	20.8
9 8	0 6.83	+12 49.6	1.611	2.566	9.1	20.6
9 18	23 59.93	+11 48.0	1.570	2.556	5.6	20.4
9 28	23 52.53	+10 29.1	1.555	2.546	4.2	20.3
10 8	23 45.65	+ 9 0.7	1.566	2.537	6.8	20.4
10 18	23 40.20	+ 7 31.6	1.603	2.529	10.5	20.6
10 28	23 36.91	+ 6 10.6	1.664	2.520	14.1	20.8

449769 2014 OD_{85} 9 22.0 56.°36 5.°2/16.4 18

8 19	0 18.96	−13 53.4	2.006	2.892	11.7	21.0
8 29	0 14.13	−14 56.0	1.961	2.903	8.7	20.9
9 8	0 7.62	−15 56.6	1.940	2.914	6.2	20.7
9 18	0 0.09	−16 48.7	1.945	2.925	5.3	20.7
9 28	23 52.39	−17 26.1	1.977	2.937	6.9	20.8
10 8	23 45.38	−17 45.2	2.035	2.948	9.5	21.0
10 18	23 39.77	−17 44.4	2.118	2.960	12.2	21.2
10 28	23 36.09	−17 24.4	2.221	2.972	14.5	21.4

508549 2016 UQ_{24} 9 22.0 213.°47 7.°6/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.18	−21 7.5	1.983	2.860	12.2	20.8
8 29	0 17.40	−22 15.4	1.929	2.857	9.8	20.6
9 8	0 9.68	−23 15.9	1.900	2.854	8.0	20.5
9 18	0 0.71	−24 1.5	1.896	2.850	7.8	20.5
9 28	23 51.46	−24 25.7	1.919	2.847	9.3	20.6
10 8	23 42.95	−24 25.4	1.966	2.843	11.6	20.7
10 18	23 36.01	−24 0.6	2.036	2.839	14.1	20.9
10 28	23 31.25	−23 13.6	2.125	2.835	16.3	21.1

50394 2000 CQ_{94} 9 22.0 345.°17 2.°0/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.93	− 3 40.8	1.571	2.455	14.4	17.5
8 29	0 15.39	− 4 7.0	1.504	2.450	10.6	17.3
9 8	0 8.66	− 4 41.2	1.459	2.445	6.3	17.0
9 18	0 0.45	− 5 18.0	1.439	2.441	2.3	16.8
9 28	23 51.81	− 5 50.9	1.445	2.437	4.2	16.9
10 8	23 43.88	− 6 13.8	1.476	2.434	8.6	17.2
10 18	23 37.64	− 6 22.5	1.532	2.432	12.8	17.4
10 28	23 33.80	− 6 14.8	1.609	2.430	16.3	17.6

452061 2014 OU_{305} 9 22.0 335.°64 0.°8/21.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.66	− 0 32.5	1.736	2.613	13.6	21.2
8 29	0 12.88	− 0 58.7	1.658	2.600	10.1	20.9
9 8	0 7.13	− 1 35.6	1.602	2.587	6.0	20.7
9 18	0 0.01	− 2 18.8	1.572	2.575	1.7	20.4
9 28	23 52.43	− 3 2.4	1.568	2.564	3.2	20.4
10 8	23 45.39	− 3 40.0	1.590	2.553	7.6	20.7
10 18	23 39.79	− 4 6.4	1.637	2.543	11.7	20.9
10 28	23 36.32	− 4 18.0	1.706	2.534	15.2	21.1

298526 2003 WM_{66} 9 22.0 139.°32 2.°4/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.63	− 6 7.7	2.279	3.146	11.2	20.9
8 29	0 15.90	− 6 50.3	2.220	3.158	8.1	20.7
9 8	0 8.62	− 7 36.7	2.186	3.169	4.9	20.5
9 18	0 0.38	− 8 22.3	2.180	3.179	2.5	20.4
9 28	23 51.95	− 9 1.9	2.204	3.189	4.0	20.5
10 8	23 44.13	− 9 31.1	2.256	3.198	7.1	20.7
10 18	23 37.58	− 9 47.4	2.335	3.207	10.1	20.9
10 28	23 32.81	− 9 49.4	2.437	3.215	12.7	21.1

328137 2008 BY_{33} 9 22.0 208.°10 3.°0/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.13	− 4 0.4	1.536	2.419	14.7	20.8
8 29	0 16.31	− 5 6.4	1.471	2.417	10.8	20.5
9 8	0 9.23	− 6 22.4	1.429	2.415	6.4	20.3
9 18	0 0.62	− 7 40.6	1.413	2.413	3.0	20.1
9 28	23 51.58	− 8 51.9	1.423	2.410	5.3	20.2
10 8	23 43.30	− 9 48.1	1.459	2.408	9.6	20.5
10 18	23 36.78	−10 24.0	1.519	2.405	13.7	20.7
10 28	23 32.74	−10 37.3	1.599	2.402	17.2	20.9

281242 2007 LU_{10} 9 22.0 303.°17 3.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.30	+11 16.6	1.664	2.499	16.1	20.5
8 29	0 14.15	+10 51.0	1.588	2.498	12.6	20.2
9 8	0 7.91	+10 3.1	1.533	2.496	8.7	20.0
9 18	0 0.25	+ 8 55.3	1.503	2.495	4.7	19.8
9 28	23 52.13	+ 7 33.6	1.498	2.494	3.4	19.7
10 8	23 44.65	+ 6 6.5	1.521	2.492	6.9	19.9
10 18	23 38.75	+ 4 43.0	1.569	2.491	11.0	20.1
10 28	23 35.13	+ 3 31.1	1.641	2.490	14.7	20.4

258633 2002 ES_{27} 9 22.0 205.°31 0.°7/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.74	− 1 8.7	2.496	3.353	10.7	20.9
8 29	0 14.52	− 1 31.1	2.418	3.349	7.9	20.7
9 8	0 7.83	− 2 0.3	2.364	3.346	4.7	20.5
9 18	0 0.18	− 2 33.1	2.339	3.342	1.3	20.2
9 28	23 52.24	− 3 5.5	2.343	3.337	2.5	20.3
10 8	23 44.73	− 3 33.5	2.376	3.333	5.8	20.6
10 18	23 38.32	− 3 53.8	2.436	3.328	9.0	20.7
10 28	23 33.51	− 4 3.9	2.521	3.323	11.6	20.9

192199 2007 HE_{25} 9 22.0 3.°78 1.°0/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 9.97	+ 4 59.1	0.960	1.864	19.6	18.2
8 29	0 8.89	+ 4 26.6	0.909	1.861	14.8	17.9
9 8	0 5.10	+ 3 29.1	0.875	1.862	9.2	17.6
9 18	23 59.46	+ 2 12.7	0.862	1.864	3.2	17.2
9 28	23 53.33	+ 0 48.9	0.870	1.869	3.4	17.3
10 8	23 48.17	− 0 29.3	0.900	1.876	9.4	17.7
10 18	23 45.15	− 1 31.1	0.950	1.885	14.7	18.0
10 28	23 45.02	− 2 9.3	1.019	1.897	19.3	18.3

208567 2002 CQ_{20} 9 22.0 168.°87 0.°1/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.30	+ 4 16.8	1.478	2.344	16.2	20.6
8 29	0 15.76	+ 3 14.9	1.411	2.346	12.1	20.3
9 8	0 8.93	+ 1 53.7	1.366	2.347	7.3	20.1
9 18	0 0.55	+ 0 19.3	1.346	2.348	2.1	19.7
9 28	23 51.72	− 1 18.6	1.352	2.349	3.2	19.8
10 8	23 43.68	− 2 49.7	1.385	2.350	8.3	20.1
10 18	23 37.43	− 4 5.4	1.443	2.350	12.8	20.4
10 28	23 33.70	− 4 59.9	1.522	2.350	16.7	20.7

70909 1999 VG_{186} 9 22.0 126.°45 7.°7/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.47	−20 43.6	1.879	2.757	12.7	19.0
8 29	0 18.33	−21 47.3	1.834	2.763	10.1	18.9
9 8	0 10.20	−22 43.0	1.813	2.769	8.1	18.8
9 18	0 0.86	−23 22.9	1.817	2.775	7.8	18.8
9 28	23 51.33	−23 41.0	1.848	2.781	9.3	18.9
10 8	23 42.66	−23 34.5	1.903	2.786	11.7	19.0
10 18	23 35.69	−23 4.0	1.981	2.791	14.2	19.2
10 28	23 31.00	−22 12.1	2.079	2.796	16.4	19.4

324933 2007 XU_{15} 9 22.0 307.°16 1.°3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.75	− 2 9.0	1.250	2.137	17.2	20.3
8 29	0 18.92	− 2 18.0	1.176	2.122	12.8	20.0
9 8	0 11.17	− 2 38.0	1.122	2.108	7.7	19.7
9 18	0 1.29	− 3 3.8	1.091	2.094	2.3	19.4
9 28	23 50.60	− 3 28.6	1.084	2.080	4.3	19.4
10 8	23 40.70	− 3 44.8	1.102	2.066	9.9	19.7
10 18	23 32.95	− 3 47.0	1.142	2.054	15.1	20.0
10 28	23 28.32	− 3 32.1	1.202	2.041	19.5	20.2

138997 2001 DA_{24} 9 22.0 99.°47 2.°1/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.53	− 2 16.4	1.483	2.362	15.4	20.2
8 29	0 17.24	− 3 12.1	1.431	2.374	11.2	20.0
9 8	0 9.70	− 4 18.2	1.401	2.386	6.6	19.7
9 18	0 0.75	− 5 27.4	1.396	2.398	2.4	19.5
9 28	23 51.53	− 6 31.2	1.418	2.410	4.5	19.7
10 8	23 43.23	− 7 21.9	1.467	2.421	9.0	20.0
10 18	23 36.81	− 7 54.6	1.539	2.433	13.1	20.2
10 28	23 32.91	− 8 7.1	1.633	2.444	16.5	20.5

219908 2002 ES_{161} 9 22.0 277.°56 1.°0/24.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.90	+ 6 55.4	4.246	5.069	7.3	20.5
8 29	0 7.58	+ 6 32.0	4.156	5.064	5.5	20.4
9 8	0 3.50	+ 6 1.3	4.092	5.058	3.6	20.2
9 18	23 58.92	+ 5 24.8	4.056	5.052	1.7	20.1
9 28	23 54.18	+ 4 44.7	4.050	5.047	1.3	20.0
10 8	23 49.66	+ 4 3.5	4.075	5.041	3.2	20.2
10 18	23 45.67	+ 3 23.9	4.128	5.036	5.2	20.3
10 28	23 42.53	+ 2 48.2	4.209	5.030	7.0	20.4

36154 1999 RY_{202} 9 22.0 183.°00 6.°2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.49	+23 39.1	2.712	3.440	13.2	18.9
8 29	0 14.42	+23 58.4	2.622	3.441	11.3	18.8
9 8	0 7.83	+23 58.9	2.553	3.441	9.2	18.6
9 18	0 0.21	+23 39.3	2.508	3.440	7.3	18.5
9 28	23 52.24	+23 0.9	2.490	3.439	6.3	18.4
10 8	23 44.66	+22 6.8	2.499	3.438	6.6	18.5
10 18	23 38.15	+21 2.4	2.535	3.437	8.2	18.6
10 28	23 33.26	+19 53.6	2.598	3.435	10.3	18.7

108737 2001 OP_{34} 9 22.0 338.°35 5.°2/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.64	−10 15.8	1.285	2.183	16.0	19.2
8 29	0 17.84	−10 55.2	1.224	2.175	11.9	18.9
9 8	0 10.34	−11 36.8	1.184	2.168	7.7	18.7
9 18	0 0.99	−12 12.2	1.168	2.162	5.2	18.5
9 28	23 51.13	−12 32.9	1.176	2.157	7.4	18.7
10 8	23 42.20	−12 32.8	1.208	2.152	11.6	18.9
10 18	23 35.41	−12 9.9	1.262	2.148	15.9	19.1
10 28	23 31.56	−11 24.9	1.334	2.144	19.6	19.4

120194 2004 DR_{11} 9 22.0 95.°29 0.°2/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.66	+ 3 7.9	1.571	2.433	15.6	20.0
8 29	0 17.22	+ 2 31.5	1.518	2.450	11.6	19.8
9 8	0 9.64	+ 1 40.5	1.486	2.466	7.0	19.5
9 18	0 0.73	+ 0 40.0	1.480	2.482	2.1	19.3
9 28	23 51.58	− 0 22.8	1.500	2.498	2.9	19.4
10 8	23 43.33	− 1 20.2	1.548	2.513	7.5	19.7
10 18	23 36.87	− 2 6.0	1.621	2.528	11.7	20.0
10 28	23 32.81	− 2 36.1	1.716	2.543	15.2	20.2

141023 2001 WV_{51} 9 22.0 348.°44 0.°3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.45	+ 2 33.1	1.775	2.639	14.0	20.1
8 29	0 14.10	+ 2 11.0	1.703	2.636	10.5	19.8
9 8	0 7.82	+ 1 36.2	1.654	2.634	6.4	19.6
9 18	0 0.24	+ 0 52.4	1.629	2.632	2.0	19.3
9 28	23 52.26	+ 0 5.1	1.632	2.630	2.6	19.3
10 8	23 44.89	− 0 39.3	1.662	2.628	7.0	19.6
10 18	23 38.99	− 1 15.2	1.718	2.627	11.0	19.9
10 28	23 35.21	− 1 38.3	1.795	2.627	14.4	20.1

287859 2003 SJ_{260} 9 22.0 343.°77 1.°5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.93	+ 6 32.8	1.960	2.809	13.5	20.1
8 29	0 12.12	+ 6 10.0	1.882	2.804	10.3	19.9
9 8	0 6.59	+ 5 32.0	1.826	2.799	6.6	19.6
9 18	23 59.88	+ 4 41.8	1.796	2.795	2.8	19.4
9 28	23 52.80	+ 3 44.3	1.793	2.791	2.4	19.4
10 8	23 46.22	+ 2 45.7	1.818	2.787	6.1	19.6
10 18	23 40.92	+ 1 52.3	1.869	2.784	9.9	19.8
10 28	23 37.51	+ 1 9.2	1.943	2.782	13.1	20.0

456886 2007 VY_{120} 9 22.0 71.°01 1.°1/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.81	− 1 39.9	1.258	2.138	17.5	20.6
8 29	0 20.69	− 1 52.6	1.209	2.152	12.9	20.3
9 8	0 11.89	− 2 16.0	1.181	2.166	7.6	20.1
9 18	0 1.40	− 2 44.7	1.177	2.180	2.2	19.8
9 28	23 50.65	− 3 11.4	1.199	2.194	4.0	20.0
10 8	23 41.09	− 3 29.6	1.245	2.209	9.2	20.3
10 18	23 33.83	− 3 34.8	1.315	2.223	13.8	20.6
10 28	23 29.56	− 3 24.7	1.406	2.237	17.7	20.9

18062 1999 XY_{187} 9 22.0 285.°82 3.°0/16.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.69	−15 43.2	4.231	5.102	6.4	18.1
8 29	0 9.59	−16 11.8	4.165	5.098	4.8	17.9
9 8	0 4.68	−16 38.5	4.126	5.094	3.5	17.8
9 18	23 59.27	−17 0.7	4.116	5.091	3.1	17.8
9 28	23 53.73	−17 16.0	4.135	5.087	3.9	17.9
10 8	23 48.45	−17 22.6	4.182	5.083	5.4	18.0
10 18	23 43.79	−17 19.6	4.256	5.079	6.9	18.1
10 28	23 40.05	−17 6.6	4.354	5.076	8.3	18.2

325022 2008 CX_{24} 9 22.0 74.°88 2.°0/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.22	− 2 18.3	1.406	2.285	16.1	20.8
8 29	0 18.42	− 3 6.2	1.366	2.309	11.7	20.6
9 8	0 10.34	− 4 3.7	1.347	2.332	6.8	20.4
9 18	0 0.92	− 5 3.5	1.354	2.356	2.4	20.2
9 28	23 51.39	− 5 57.3	1.387	2.379	4.4	20.4
10 8	23 42.97	− 6 38.3	1.446	2.402	8.9	20.7
10 18	23 36.58	− 7 2.1	1.529	2.425	13.0	21.0
10 28	23 32.78	− 7 7.1	1.633	2.448	16.4	21.3

316114 2009 QY_5 9 22.0 44.°78 2.°7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.17	+ 6 26.8	1.815	2.653	14.9	19.2
8 29	0 18.83	+ 7 1.2	1.760	2.673	11.4	19.1
9 8	0 10.52	+ 7 22.3	1.727	2.694	7.6	18.9
9 18	0 0.99	+ 7 31.0	1.720	2.715	3.9	18.7
9 28	23 51.24	+ 7 30.0	1.742	2.736	3.2	18.7
10 8	23 42.31	+ 7 23.2	1.791	2.758	6.5	19.0
10 18	23 35.06	+ 7 15.2	1.866	2.780	10.0	19.2
10 28	23 30.06	+ 7 10.5	1.965	2.802	13.1	19.5

514280 2015 RG_{122} 9 22.0 348.°30 3.°7/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.48	− 9 1.1	1.732	2.616	13.3	20.3
8 29	0 16.35	− 9 28.2	1.667	2.612	9.8	20.0
9 8	0 9.17	− 9 57.4	1.626	2.609	6.1	19.8
9 18	0 0.63	−10 23.0	1.610	2.606	3.7	19.7
9 28	23 51.74	−10 39.2	1.621	2.603	5.5	19.8
10 8	23 43.56	−10 41.5	1.658	2.601	9.1	20.0
10 18	23 37.00	−10 27.7	1.719	2.600	12.7	20.2
10 28	23 32.70	− 9 57.5	1.802	2.598	15.8	20.4

37920 1998 FC_{109} 9 22.0 259.°26 2.°6/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.91	+ 8 57.0	1.793	2.631	15.0	18.7
8 29	0 15.30	+ 8 44.1	1.710	2.623	11.7	18.5
9 8	0 8.62	+ 8 13.1	1.648	2.615	7.9	18.2
9 18	0 0.51	+ 7 25.9	1.611	2.606	4.0	18.0
9 28	23 51.88	+ 6 27.1	1.601	2.597	3.1	17.9
10 8	23 43.79	+ 5 23.6	1.618	2.588	6.7	18.1
10 18	23 37.19	+ 4 22.7	1.662	2.579	10.8	18.3
10 28	23 32.79	+ 3 31.2	1.728	2.570	14.4	18.5

132644 2002 LJ_{45} 9 22.0 103.°64 2.°8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.01	− 5 58.4	1.796	2.673	13.2	20.4
8 29	0 16.57	− 6 40.8	1.739	2.682	9.6	20.2
9 8	0 9.21	− 7 28.4	1.706	2.690	5.8	20.0
9 18	0 0.63	− 8 15.1	1.699	2.698	2.9	19.8
9 28	23 51.80	− 8 54.6	1.720	2.706	4.7	19.9
10 8	23 43.72	− 9 21.6	1.768	2.714	8.4	20.2
10 18	23 37.22	− 9 33.0	1.841	2.722	11.9	20.4
10 28	23 32.90	− 9 27.6	1.935	2.729	14.9	20.6

24506 2001 BS_{15} 9 22.0 259.°26 1.°0/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.20	+ 6 9.6	4.540	5.362	6.9	18.0
8 29	0 8.48	+ 6 3.1	4.453	5.360	5.2	17.9
9 8	0 4.02	+ 5 50.6	4.392	5.358	3.4	17.8
9 18	23 59.10	+ 5 33.1	4.360	5.355	1.6	17.6
9 28	23 54.03	+ 5 12.4	4.357	5.353	1.3	17.6
10 8	23 49.16	+ 4 50.4	4.385	5.351	3.0	17.8
10 18	23 44.81	+ 4 29.1	4.442	5.349	4.9	17.9
10 28	23 41.27	+ 4 10.7	4.526	5.347	6.5	18.0

6392 Takashimizuno 9 22.0 39.°31 8.°0/14.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.86	−23 43.6	2.007	2.881	12.2	16.0
8 29	0 17.02	−24 35.2	1.968	2.890	9.9	15.9
9 8	0 9.37	−25 16.4	1.953	2.900	8.3	15.8
9 18	0 0.65	−25 40.5	1.963	2.909	8.1	15.9
9 28	23 51.82	−25 42.6	1.999	2.920	9.4	16.0
10 8	23 43.84	−25 21.2	2.060	2.930	11.5	16.1
10 18	23 37.46	−24 37.2	2.143	2.941	13.6	16.3
10 28	23 33.20	−23 33.7	2.245	2.952	15.6	16.5

66609 1999 RW_{198} 9 22.0 305.°23 9.°2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.61	+25 10.7	1.765	2.518	18.5	18.1
8 29	0 15.34	+25 49.2	1.681	2.512	16.1	17.9
9 8	0 8.79	+26 0.0	1.614	2.506	13.4	17.7
9 18	0 0.60	+25 39.6	1.568	2.501	10.8	17.5
9 28	23 51.77	+24 48.3	1.545	2.495	9.3	17.4
10 8	23 43.49	+23 31.1	1.547	2.490	9.6	17.5
10 18	23 36.85	+21 56.7	1.573	2.485	11.6	17.6
10 28	23 32.66	+20 16.0	1.622	2.480	14.4	17.7

137763 1999 XW_{179} 9 22.0 343.°77 3.°9/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.69	− 6 17.6	1.111	2.017	17.4	18.7
8 29	0 16.00	− 6 53.1	1.051	2.007	12.8	18.4
9 8	0 9.41	− 7 36.5	1.010	1.999	7.8	18.1
9 18	0 0.80	− 8 19.7	0.991	1.991	4.0	17.8
9 28	23 51.55	− 8 53.0	0.995	1.985	6.4	18.0
10 8	23 43.27	− 9 8.2	1.022	1.979	11.5	18.2
10 18	23 37.24	− 9 1.1	1.069	1.975	16.4	18.5
10 28	23 34.35	− 8 30.9	1.135	1.972	20.6	18.8

22916 1999 TX_{40} 9 22.0 43.°03 4.°7/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.32	−11 20.1	1.415	2.302	15.5	18.1
8 29	0 20.78	−11 34.9	1.370	2.315	11.5	17.9
9 8	0 11.81	−11 48.6	1.347	2.329	7.3	17.7
9 18	0 1.39	−11 54.6	1.349	2.343	4.7	17.6
9 28	23 50.81	−11 47.3	1.377	2.358	6.5	17.8
10 8	23 41.40	−11 23.7	1.430	2.373	10.3	18.0
10 18	23 34.16	−10 43.4	1.507	2.389	14.1	18.3
10 28	23 29.67	− 9 48.0	1.605	2.405	17.3	18.5

487839 2015 TW_{84} 9 22.0 199.°27 0.°7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.37	+ 4 45.8	2.598	3.439	10.8	21.7
8 29	0 12.04	+ 4 12.5	2.518	3.438	8.1	21.6
9 8	0 6.37	+ 3 28.4	2.462	3.436	5.1	21.4
9 18	23 59.82	+ 2 36.2	2.433	3.434	1.8	21.1
9 28	23 53.01	+ 1 40.1	2.434	3.432	1.9	21.1
10 8	23 46.59	+ 0 45.0	2.464	3.429	5.1	21.4
10 18	23 41.16	− 0 4.7	2.522	3.427	8.2	21.6
10 28	23 37.20	− 0 45.3	2.606	3.424	10.8	21.7

356448 2010 XU_{78} 9 22.0 342.°10 1.°3/24.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.90	+ 8 10.1	4.128	4.946	7.6	20.8
8 29	0 7.62	+ 7 49.8	4.042	4.944	5.8	20.7
9 8	0 3.55	+ 7 21.6	3.980	4.942	3.9	20.5
9 18	23 58.98	+ 6 47.0	3.947	4.941	1.9	20.4
9 28	23 54.26	+ 6 8.1	3.943	4.939	1.5	20.3
10 8	23 49.76	+ 5 27.5	3.970	4.937	3.2	20.5
10 18	23 45.82	+ 4 47.9	4.025	4.936	5.2	20.6
10 28	23 42.76	+ 4 11.8	4.108	4.934	7.0	20.8

254346 2004 TQ_{19} 9 22.0 278.°05 3.°8/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.85	−10 50.4	2.213	3.091	11.0	20.3
8 29	0 14.79	−11 31.6	2.145	3.086	8.2	20.1
9 8	0 8.10	−12 13.7	2.101	3.080	5.3	19.9
9 18	0 0.34	−12 51.4	2.084	3.075	3.8	19.8
9 28	23 52.28	−13 19.5	2.096	3.069	5.4	19.9
10 8	23 44.75	−13 34.1	2.134	3.064	8.2	20.1
10 18	23 38.48	−13 32.9	2.199	3.058	11.2	20.2
10 28	23 34.02	−13 15.6	2.285	3.053	13.7	20.4

458399 2010 XA_{57} 9 22.0 217.°13 2.°5/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.51	+ 9 2.1	1.658	2.498	15.9	22.1
8 29	0 16.61	+ 8 39.8	1.578	2.493	12.4	21.8
9 8	0 9.48	+ 7 57.2	1.520	2.488	8.3	21.6
9 18	0 0.79	+ 6 56.8	1.486	2.482	4.0	21.3
9 28	23 51.58	+ 5 44.4	1.479	2.476	3.1	21.2
10 8	23 42.98	+ 4 28.2	1.500	2.469	7.2	21.5
10 18	23 36.03	+ 3 16.6	1.546	2.463	11.5	21.7
10 28	23 31.48	+ 2 16.9	1.614	2.455	15.3	21.9

356216 2009 SH_{69} 9 22.0 314.°87 1.°1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 11.35	− 4 25.2	4.050	4.913	6.8	21.1
8 29	0 7.96	− 4 57.8	3.971	4.907	4.9	21.0
9 8	0 3.76	− 5 33.6	3.918	4.901	2.9	20.8
9 18	23 59.06	− 6 10.0	3.895	4.896	1.2	20.7
9 28	23 54.20	− 6 44.6	3.902	4.890	2.2	20.8
10 8	23 49.56	− 7 14.7	3.938	4.884	4.2	20.9
10 18	23 45.51	− 7 38.4	4.002	4.879	6.1	21.0
10 28	23 42.34	− 7 54.1	4.091	4.873	7.9	21.2

226383 2003 NT_8 9 22.0 346.°74 16.°4/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.70	+41 59.4	1.781	2.405	22.2	18.2
8 29	0 13.84	+43 48.4	1.698	2.391	21.0	18.1
9 8	0 8.28	+45 5.7	1.628	2.378	19.7	17.9
9 18	0 0.56	+45 43.8	1.571	2.366	18.3	17.8
9 28	23 51.83	+45 37.1	1.530	2.356	17.2	17.7
10 8	23 43.56	+44 45.5	1.507	2.347	16.5	17.6
10 18	23 37.19	+43 13.9	1.501	2.340	16.5	17.6
10 28	23 33.84	+41 12.6	1.515	2.334	17.2	17.7

405847 2006 BR_{255} 9 22.0 241.°27 2.°2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.36	+ 9 17.0	2.485	3.308	11.8	20.9
8 29	0 12.89	+ 9 2.6	2.397	3.301	9.2	20.7
9 8	0 6.96	+ 8 34.5	2.333	3.294	6.2	20.5
9 18	0 0.03	+ 7 54.5	2.295	3.287	3.3	20.3
9 28	23 52.77	+ 7 5.9	2.285	3.280	2.5	20.2
10 8	23 45.89	+ 6 13.5	2.305	3.273	5.2	20.4
10 18	23 40.05	+ 5 22.2	2.352	3.265	8.2	20.6
10 28	23 35.79	+ 4 36.7	2.424	3.257	11.1	20.8

477905 2011 KX_{29} 9 22.0 100.°49 2.°4/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.88	+ 9 8.7	1.831	2.664	15.0	21.9
8 29	0 16.45	+ 8 48.9	1.772	2.682	11.5	21.7
9 8	0 9.14	+ 8 11.6	1.735	2.700	7.6	21.5
9 18	0 0.65	+ 7 19.7	1.723	2.718	3.8	21.3
9 28	23 51.93	+ 6 18.5	1.739	2.735	2.9	21.3
10 8	23 43.96	+ 5 15.0	1.783	2.752	6.3	21.5
10 18	23 37.56	+ 4 15.8	1.853	2.768	10.0	21.8
10 28	23 33.29	+ 3 26.6	1.948	2.784	13.2	22.0

70554 1999 TS_{139} 9 22.0 278.°54 1.°1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.39	+ 4 56.0	1.789	2.643	14.3	20.0
8 29	0 14.92	+ 4 32.6	1.706	2.633	10.9	19.7
9 8	0 8.42	+ 3 53.8	1.645	2.622	6.9	19.5
9 18	0 0.50	+ 3 2.7	1.610	2.610	2.6	19.2
9 28	23 52.08	+ 2 4.9	1.601	2.599	2.5	19.2
10 8	23 44.17	+ 1 7.4	1.620	2.588	6.9	19.4
10 18	23 37.72	+ 0 16.7	1.665	2.577	11.1	19.7
10 28	23 33.44	− 0 21.7	1.732	2.566	14.7	19.9

211046 2002 CU_{43} 9 22.0 79.°69 8.°4/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.68	+14 26.8	1.390	2.191	20.4	19.4
8 29	0 29.80	+16 22.0	1.329	2.206	16.8	19.2
9 8	0 17.66	+17 56.8	1.288	2.221	12.9	19.0
9 18	0 3.23	+19 4.7	1.271	2.237	9.5	18.9
9 28	23 48.13	+19 43.1	1.281	2.252	8.4	18.9
10 8	23 34.14	+19 54.8	1.318	2.267	10.4	19.0
10 18	23 22.77	+19 47.5	1.379	2.282	13.7	19.3
10 28	23 14.95	+19 30.9	1.462	2.296	16.9	19.5

77070 2001 DZ_{21} 9 22.0 155.°02 4.°6/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.76	−10 39.0	1.801	2.678	13.2	20.1
8 29	0 19.37	−11 33.6	1.746	2.686	9.8	19.9
9 8	0 10.92	−12 29.2	1.714	2.693	6.4	19.7
9 18	0 1.19	−13 18.9	1.709	2.699	4.6	19.6
9 28	23 51.19	−13 55.8	1.732	2.705	6.3	19.7
10 8	23 42.01	−14 15.1	1.782	2.710	9.6	20.0
10 18	23 34.53	−14 14.8	1.856	2.714	12.9	20.2
10 28	23 29.38	−13 55.3	1.952	2.718	15.8	20.4

370656 2004 CQ_{28} 9 22.0 359.°98 0.°6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.79	+ 1 18.0	0.883	1.793	20.3	19.2
8 29	0 13.52	+ 1 28.4	0.831	1.788	15.3	18.9
9 8	0 8.11	+ 1 21.1	0.796	1.784	9.4	18.6
9 18	0 0.47	+ 1 0.3	0.780	1.783	3.0	18.2
9 28	23 52.20	+ 0 33.8	0.785	1.784	3.8	18.3
10 8	23 45.04	+ 0 11.1	0.811	1.788	10.1	18.7
10 18	23 40.40	− 0 0.2	0.857	1.793	15.8	19.0
10 28	23 39.15	+ 0 5.2	0.919	1.800	20.6	19.3

52215 4213 $T\text{-}3$ 9 22.0 350.°62 5.°9/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.29	− 9 44.5	1.098	2.008	17.1	18.7
8 29	0 15.69	−10 41.8	1.044	2.002	12.7	18.5
9 8	0 9.21	−11 43.2	1.010	1.996	8.3	18.2
9 18	0 0.77	−12 38.4	0.997	1.992	5.9	18.1
9 28	23 51.78	−13 16.5	1.008	1.988	8.3	18.2
10 8	23 43.83	−13 29.7	1.040	1.986	12.8	18.4
10 18	23 38.16	−13 15.3	1.093	1.985	17.3	18.7
10 28	23 35.59	−12 34.3	1.163	1.985	21.1	19.0

446087 2013 CN_{183} 9 22.0 95.°48 0.°5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.69	+ 2 47.0	2.225	3.073	12.1	21.1
8 29	0 15.28	+ 2 30.4	2.165	3.089	9.0	20.9
9 8	0 8.33	+ 2 4.0	2.128	3.105	5.5	20.7
9 18	0 0.42	+ 1 30.6	2.119	3.120	1.8	20.5
9 28	23 52.31	+ 0 54.7	2.138	3.136	2.1	20.6
10 8	23 44.81	+ 0 20.7	2.187	3.151	5.7	20.8
10 18	23 38.58	− 0 7.3	2.262	3.166	9.0	21.1
10 28	23 34.13	− 0 26.2	2.362	3.180	11.8	21.3

337966 2002 CG_3 9 22.0 185.°45 3.°9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.13	− 9 17.9	2.159	3.034	11.4	20.5
8 29	0 15.76	−10 26.0	2.094	3.034	8.4	20.3
9 8	0 8.71	−11 36.9	2.054	3.034	5.4	20.1
9 18	0 0.55	−12 44.5	2.042	3.033	3.9	20.0
9 28	23 52.09	−13 42.1	2.059	3.031	5.6	20.1
10 8	23 44.20	−14 24.5	2.103	3.029	8.6	20.3
10 18	23 37.61	−14 48.8	2.173	3.026	11.5	20.5
10 28	23 32.90	−14 54.2	2.265	3.022	14.1	20.7

398107 2009 SL_{241} 9 22.0 33.°34 7.°7/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.60	+23 53.8	1.817	2.580	17.7	20.0
8 29	0 12.80	+24 7.8	1.754	2.596	15.0	19.8
9 8	0 7.07	+23 54.0	1.709	2.612	12.1	19.7
9 18	0 0.09	+23 11.8	1.686	2.629	9.5	19.6
9 28	23 52.80	+22 3.9	1.686	2.646	7.8	19.5
10 8	23 46.21	+20 37.2	1.713	2.664	8.2	19.6
10 18	23 41.15	+19 0.4	1.764	2.683	10.2	19.7
10 28	23 38.23	+17 23.3	1.840	2.702	12.7	19.9

261576 2005 WT_{199} 9 22.0 215.°40 0.°9/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.40	− 1 5.7	2.394	3.254	11.0	21.2
8 29	0 13.64	− 1 37.9	2.317	3.251	8.0	21.1
9 8	0 7.40	− 2 17.6	2.265	3.247	4.8	20.8
9 18	0 0.17	− 3 1.2	2.241	3.244	1.4	20.6
9 28	23 52.65	− 3 44.1	2.246	3.240	2.7	20.7
10 8	23 45.58	− 4 21.8	2.279	3.236	6.1	20.9
10 18	23 39.61	− 4 50.4	2.340	3.232	9.3	21.1
10 28	23 35.27	− 5 7.4	2.425	3.228	12.0	21.3

520538 2014 MG_{75} 9 22.1 111.°35 1.°9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.58	+ 8 41.1	2.502	3.327	11.7	21.0
8 29	0 12.93	+ 8 20.7	2.432	3.338	9.0	20.9
9 8	0 6.92	+ 7 47.2	2.385	3.348	6.0	20.7
9 18	0 0.02	+ 7 3.0	2.364	3.359	3.0	20.5
9 28	23 52.91	+ 6 11.8	2.373	3.369	2.3	20.5
10 8	23 46.27	+ 5 18.4	2.411	3.379	5.0	20.7
10 18	23 40.70	+ 4 27.4	2.476	3.388	7.9	20.9
10 28	23 36.68	+ 3 43.3	2.568	3.398	10.6	21.1

272907 2006 BK_{160} 9 22.1 243.°63 4.°6/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.72	−13 20.9	2.416	3.296	10.2	20.4
8 29	0 13.16	−14 27.2	2.349	3.289	7.6	20.2
9 8	0 7.12	−15 33.4	2.308	3.282	5.4	20.0
9 18	0 0.10	−16 33.7	2.294	3.274	4.6	20.0
9 28	23 52.80	−17 22.3	2.309	3.267	6.1	20.1
10 8	23 45.94	−17 55.0	2.350	3.259	8.6	20.2
10 18	23 40.20	−18 9.7	2.416	3.251	11.1	20.4
10 28	23 36.10	−18 5.9	2.504	3.243	13.4	20.5

53801 2000 EN_{119} 9 22.1 53.°47 6.°0/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.28	−11 24.3	1.332	2.230	15.6	18.2
8 29	0 17.27	−12 36.5	1.291	2.241	11.6	18.0
9 8	0 9.84	−13 49.0	1.272	2.253	7.7	17.8
9 18	0 0.90	−14 52.0	1.276	2.265	6.1	17.8
9 28	23 51.73	−15 36.3	1.305	2.277	8.2	17.9
10 8	23 43.64	−15 56.2	1.359	2.289	11.8	18.2
10 18	23 37.62	−15 50.3	1.434	2.302	15.5	18.4
10 28	23 34.30	−15 20.1	1.528	2.315	18.6	18.7

223201 2003 BL_{30} 9 22.1 298.°12 0.°4/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.48	+ 2 47.8	1.465	2.335	16.0	20.0
8 29	0 16.19	+ 2 27.7	1.383	2.319	12.1	19.8
9 8	0 9.43	+ 1 51.6	1.322	2.303	7.5	19.5
9 18	0 0.87	+ 1 3.3	1.285	2.288	2.4	19.1
9 28	23 51.62	+ 0 9.4	1.274	2.272	3.1	19.1
10 8	23 42.96	− 0 42.0	1.289	2.257	8.3	19.4
10 18	23 36.05	− 1 23.5	1.327	2.241	13.2	19.6
10 28	23 31.79	− 1 49.3	1.386	2.227	17.4	19.9

87436 2000 QO_{106} 9 22.1 52.°44 1.°6/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.59	− 2 27.6	1.934	2.807	12.6	19.7
8 29	0 14.03	− 3 11.2	1.871	2.811	9.2	19.5
9 8	0 7.72	− 4 3.0	1.831	2.815	5.4	19.3
9 18	0 0.29	− 4 57.8	1.817	2.819	1.9	19.1
9 28	23 52.57	− 5 49.4	1.832	2.824	3.6	19.2
10 8	23 45.46	− 6 32.1	1.874	2.828	7.4	19.5
10 18	23 39.72	− 7 1.6	1.941	2.832	10.9	19.7
10 28	23 35.92	− 7 15.6	2.031	2.837	13.9	19.9

309013 2006 UM_{90} 9 22.1 308.°41 0.°5/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.14	+ 0 24.2	1.915	2.781	13.1	21.3
8 29	0 14.54	− 0 2.5	1.840	2.775	9.7	21.1
9 8	0 8.11	− 0 39.6	1.788	2.770	5.8	20.8
9 18	0 0.43	− 1 23.2	1.762	2.765	1.6	20.5
9 28	23 52.36	− 2 7.8	1.764	2.760	2.8	20.6
10 8	23 44.83	− 2 47.5	1.793	2.756	7.0	20.9
10 18	23 38.69	− 3 17.5	1.849	2.751	10.7	21.1
10 28	23 34.54	− 3 34.4	1.926	2.746	14.0	21.3

471229 2011 AX_{24} 9 22.1 202.°14 4.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.05	+11 40.9	1.633	2.460	16.7	21.1
8 29	0 17.82	+11 50.6	1.556	2.459	13.3	20.9
9 8	0 10.27	+11 39.6	1.500	2.457	9.4	20.7
9 18	0 1.09	+11 8.7	1.468	2.455	5.6	20.4
9 28	23 51.37	+10 21.3	1.462	2.453	4.4	20.4
10 8	23 42.32	+ 9 24.4	1.482	2.451	7.4	20.5
10 18	23 34.99	+ 8 25.8	1.528	2.448	11.3	20.8
10 28	23 30.16	+ 7 33.4	1.597	2.446	15.0	21.0

235774 2004 VS_{29} 9 22.1 229.°47 0.°9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.94	+ 5 13.9	2.068	2.912	13.1	21.7
8 29	0 15.09	+ 4 40.0	1.981	2.903	9.9	21.4
9 8	0 8.44	+ 3 51.7	1.918	2.893	6.2	21.2
9 18	0 0.54	+ 2 52.2	1.881	2.882	2.3	20.9
9 28	23 52.21	+ 1 46.9	1.873	2.871	2.3	20.9
10 8	23 44.33	+ 0 42.1	1.894	2.860	6.3	21.2
10 18	23 37.73	− 0 16.0	1.941	2.848	10.1	21.4
10 28	23 33.05	− 1 2.3	2.013	2.835	13.4	21.6

41734 2000 UL_{100} 9 22.1 167.°33 1.°1/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.94	− 1 23.5	1.673	2.538	14.6	19.1
8 29	0 19.73	− 1 48.6	1.607	2.542	10.8	18.8
9 8	0 11.29	− 2 23.3	1.563	2.545	6.4	18.6
9 18	0 1.37	− 3 2.8	1.545	2.548	1.9	18.3
9 28	23 51.07	− 3 41.0	1.556	2.550	3.5	18.4
10 8	23 41.55	− 4 11.6	1.593	2.552	8.0	18.7
10 18	23 33.80	− 4 30.2	1.657	2.553	12.1	19.0
10 28	23 28.50	− 4 34.1	1.742	2.554	15.6	19.2

178229 2006 WF_8 9 22.1 26.°48 1.°4/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.13	− 1 10.1	1.759	2.634	13.6	20.3
8 29	0 13.85	− 1 54.6	1.697	2.638	9.9	20.1
9 8	0 7.69	− 2 49.3	1.657	2.642	5.8	19.9
9 18	0 0.31	− 3 48.6	1.643	2.646	1.8	19.6
9 28	23 52.61	− 4 45.8	1.657	2.650	3.5	19.8
10 8	23 45.58	− 5 34.2	1.697	2.655	7.7	20.0
10 18	23 40.02	− 6 8.9	1.762	2.660	11.4	20.3
10 28	23 36.55	− 6 27.0	1.850	2.666	14.7	20.5

367046 2006 FR_{14} 9 22.1 103.°82 0.°5/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.34	+ 2 18.8	1.418	2.287	16.5	21.3
8 29	0 17.96	+ 1 26.7	1.366	2.303	12.2	21.1
9 8	0 10.25	+ 0 18.9	1.336	2.318	7.3	20.9
9 18	0 1.05	− 0 58.2	1.330	2.333	2.0	20.6
9 28	23 51.59	− 2 15.3	1.351	2.347	3.4	20.7
10 8	23 43.11	− 3 23.5	1.398	2.361	8.4	21.1
10 18	23 36.59	− 4 16.0	1.469	2.375	12.8	21.4
10 28	23 32.69	− 4 48.8	1.562	2.388	16.5	21.6

455095 2015 UA_{73} 9 22.1 272.°89 3.°0/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.79	+13 32.8	2.637	3.436	11.8	21.6
8 29	0 12.56	+13 5.1	2.524	3.409	9.5	21.4
9 8	0 6.85	+12 20.3	2.434	3.382	6.8	21.2
9 18	0 0.08	+11 19.7	2.370	3.354	4.1	21.0
9 28	23 52.87	+10 6.4	2.336	3.326	3.1	20.9
10 8	23 45.92	+ 8 45.3	2.331	3.298	5.2	21.0
10 18	23 39.90	+ 7 22.7	2.354	3.269	8.2	21.1
10 28	23 35.38	+ 6 4.5	2.404	3.240	11.1	21.2

96863 1999 SE_8 9 22.1 0.°56 5.°2/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.79	− 9 57.9	1.327	2.227	15.4	18.3
8 29	0 15.62	−10 50.8	1.273	2.225	11.4	18.1
9 8	0 8.98	−11 46.3	1.240	2.224	7.4	17.8
9 18	0 0.72	−12 35.9	1.231	2.224	5.2	17.7
9 28	23 52.05	−13 10.7	1.246	2.225	7.4	17.8
10 8	23 44.30	−13 24.3	1.285	2.226	11.4	18.1
10 18	23 38.53	−13 14.5	1.346	2.229	15.3	18.3
10 28	23 35.44	−12 41.7	1.425	2.232	18.7	18.6

5028 Halaesus 9 22.1 306.°78 4.°4/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.90	−22 30.2	4.076	4.941	6.7	17.2
8 29	0 10.57	−23 3.6	4.014	4.931	5.4	17.1
9 8	0 5.36	−23 32.3	3.978	4.922	4.5	17.1
9 18	23 59.59	−23 53.3	3.969	4.913	4.5	17.0
9 28	23 53.67	−24 4.1	3.988	4.904	5.3	17.1
10 8	23 48.05	−24 3.0	4.035	4.895	6.6	17.2
10 18	23 43.11	−23 49.5	4.107	4.886	7.9	17.3
10 28	23 39.18	−23 23.7	4.201	4.877	9.2	17.4

514426 2016 UH_9 9 22.1 341.°37 3.°2/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.67	+ 6 48.7	1.521	2.371	16.6	20.9
8 29	0 18.43	+ 7 20.7	1.446	2.366	12.9	20.6
9 8	0 10.71	+ 7 37.4	1.392	2.361	8.7	20.4
9 18	0 1.26	+ 7 39.1	1.362	2.357	4.5	20.1
9 28	23 51.20	+ 7 28.7	1.358	2.353	3.7	20.1
10 8	23 41.83	+ 7 11.4	1.380	2.350	7.6	20.3
10 18	23 34.29	+ 6 53.1	1.427	2.348	12.0	20.5
10 28	23 29.40	+ 6 39.9	1.496	2.345	15.8	20.8

510692 2012 UD_{126} 9 22.1 208.°73 1.°3/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.76	− 2 16.4	2.041	2.905	12.4	21.5
8 29	0 16.37	− 2 46.5	1.966	2.902	9.1	21.3
9 8	0 9.17	− 3 24.4	1.915	2.898	5.4	21.1
9 18	0 0.75	− 4 5.6	1.891	2.894	1.7	20.8
9 28	23 51.97	− 4 45.0	1.896	2.889	3.3	20.9
10 8	23 43.74	− 5 17.3	1.929	2.884	7.1	21.2
10 18	23 36.87	− 5 38.6	1.988	2.879	10.7	21.4
10 28	23 31.98	− 5 46.3	2.071	2.874	13.8	21.6

340461 2006 HJ_{15} 9 22.1 205.°12 3.°0/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.33	− 8 10.8	2.201	3.068	11.5	21.1
8 29	0 18.14	− 8 43.6	2.127	3.064	8.5	20.9
9 8	0 10.17	− 9 19.2	2.078	3.058	5.3	20.6
9 18	0 1.04	− 9 52.5	2.056	3.052	3.0	20.5
9 28	23 51.56	−10 18.6	2.064	3.046	4.6	20.6
10 8	23 42.64	−10 33.3	2.100	3.039	7.8	20.8
10 18	23 35.06	−10 34.2	2.163	3.031	11.0	21.0
10 28	23 29.42	−10 20.4	2.249	3.023	13.7	21.1

317242 2002 CM_{230} 9 22.1 287.°72 1.°9/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.00	− 0 33.4	1.334	2.219	16.4	21.0
8 29	0 16.08	− 1 31.1	1.253	2.199	12.2	20.7
9 8	0 9.51	− 2 45.9	1.193	2.180	7.3	20.4
9 18	0 0.96	− 4 11.0	1.157	2.160	2.4	20.1
9 28	23 51.60	− 5 36.0	1.146	2.140	4.7	20.2
10 8	23 42.86	− 6 49.9	1.160	2.120	10.2	20.4
10 18	23 36.00	− 7 44.0	1.197	2.100	15.2	20.6
10 28	23 31.99	− 8 13.3	1.253	2.081	19.6	20.9

52956 1998 TZ 9 22.1 77.°86 1.°2/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.97	− 0 5.7	1.205	2.085	18.1	19.2
8 29	0 20.10	− 0 44.4	1.163	2.106	13.3	19.0
9 8	0 11.57	− 1 36.8	1.142	2.127	7.8	18.8
9 18	0 1.43	− 2 35.6	1.144	2.147	2.2	18.5
9 28	23 51.12	− 3 31.6	1.172	2.167	4.1	18.7
10 8	23 42.08	− 4 16.4	1.225	2.188	9.3	19.1
10 18	23 35.37	− 4 44.4	1.301	2.208	14.0	19.4
10 28	23 31.63	− 4 52.9	1.397	2.227	17.8	19.7

693 Zerbinetta 9 22.1 79.°86 1.°1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.22	+ 3 15.0	2.075	2.920	13.0	14.2
8 29	0 17.39	+ 3 25.3	2.002	2.923	9.8	14.0
9 8	0 9.75	+ 3 25.6	1.952	2.926	6.2	13.8
9 18	0 0.92	+ 3 17.8	1.929	2.929	2.4	13.5
9 28	23 51.76	+ 3 5.2	1.935	2.932	2.3	13.5
10 8	23 43.17	+ 2 51.6	1.969	2.935	6.1	13.8
10 18	23 35.96	+ 2 41.1	2.031	2.938	9.6	14.0
10 28	23 30.75	+ 2 37.1	2.116	2.942	12.7	14.2

514986 2009 FB_{30} 9 22.1 227.°36 0.°6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.72	+ 4 46.9	2.308	3.151	11.9	22.5
8 29	0 14.02	+ 4 6.6	2.220	3.141	9.0	22.3
9 8	0 7.73	+ 3 13.2	2.156	3.130	5.6	22.1
9 18	0 0.34	+ 2 10.1	2.118	3.119	1.9	21.8
9 28	23 52.57	+ 1 2.2	2.110	3.108	2.1	21.8
10 8	23 45.21	− 0 4.5	2.131	3.096	5.8	22.1
10 18	23 38.96	− 1 4.4	2.180	3.083	9.3	22.3
10 28	23 34.43	− 1 53.0	2.254	3.070	12.3	22.4

186310 2002 CX_{190} 9 22.1 86.°54 0.°6/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.68	− 0 16.3	2.150	3.011	12.0	20.4
8 29	0 14.62	− 0 45.5	2.091	3.024	8.8	20.2
9 8	0 7.99	− 1 23.1	2.056	3.038	5.2	20.0
9 18	0 0.38	− 2 4.9	2.048	3.051	1.5	19.8
9 28	23 52.57	− 2 46.2	2.069	3.064	2.6	19.9
10 8	23 45.37	− 3 22.1	2.118	3.077	6.3	20.2
10 18	23 39.45	− 3 48.8	2.193	3.090	9.6	20.4
10 28	23 35.31	− 4 3.6	2.292	3.103	12.4	20.6

471954 2013 RM_{98} 9 22.1 100.°77 0.°1/24.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	23 59.54	+ 5 6.1	44.486	45.308	0.8	22.1
8 29	23 58.91	+ 5 3.6	44.404	45.311	0.6	22.0
9 8	23 58.22	+ 5 0.5	44.349	45.315	0.4	22.0
9 18	23 57.49	+ 4 56.9	44.322	45.318	0.2	22.0
9 28	23 56.76	+ 4 53.1	44.325	45.321	0.1	22.0
10 8	23 56.04	+ 4 49.2	44.357	45.324	0.3	22.0
10 18	23 55.36	+ 4 45.4	44.418	45.327	0.5	22.0
10 28	23 54.75	+ 4 41.7	44.507	45.330	0.7	22.0

447855 2007 VT_1 9 22.1 262.°76 15.°5/ 7.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.26	+35 39.6	1.259	1.976	26.2	21.1
8 29	0 17.02	+36 34.5	1.178	1.966	24.0	20.8
9 8	0 10.47	+36 45.3	1.109	1.955	21.4	20.6
9 18	0 1.32	+36 1.9	1.053	1.945	18.6	20.4
9 28	23 51.06	+34 18.9	1.015	1.934	16.4	20.2
10 8	23 41.60	+31 41.0	0.997	1.924	15.5	20.2
10 18	23 34.64	+28 22.8	1.000	1.913	16.6	20.2
10 28	23 31.34	+24 46.6	1.025	1.902	19.2	20.3

173083 2006 WG_{80} 9 22.1 136.°58 0.°5/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.65	+ 3 31.2	3.513	4.350	8.3	21.1
8 29	0 10.47	+ 3 8.6	3.439	4.357	6.2	21.0
9 8	0 5.33	+ 2 39.1	3.390	4.364	3.8	20.8
9 18	23 59.59	+ 2 4.6	3.370	4.371	1.3	20.6
9 28	23 53.70	+ 1 27.9	3.380	4.377	1.4	20.6
10 8	23 48.12	+ 0 52.0	3.420	4.384	3.9	20.8
10 18	23 43.25	+ 0 19.7	3.489	4.390	6.2	21.0
10 28	23 39.46	− 0 6.5	3.584	4.396	8.3	21.2

175178 2005 EQ_{154} 9 22.1 262.°27 1.°0/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.05	− 0 14.1	1.529	2.401	15.4	20.9
8 29	0 18.03	− 0 47.2	1.447	2.386	11.5	20.6
9 8	0 10.53	− 1 33.5	1.387	2.370	6.9	20.3
9 18	0 1.24	− 2 28.0	1.351	2.354	2.0	20.0
9 28	23 51.26	− 3 23.3	1.343	2.338	3.7	20.0
10 8	23 41.88	− 4 11.4	1.361	2.322	8.8	20.3
10 18	23 34.26	− 4 45.8	1.403	2.305	13.5	20.5
10 28	23 29.27	− 5 2.3	1.465	2.288	17.5	20.7

121724 1999 XG_{141} 9 22.1 234.°22 1.°7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.78	+ 7 26.7	2.573	3.401	11.3	20.5
8 29	0 13.18	+ 7 11.4	2.485	3.394	8.7	20.3
9 8	0 7.16	+ 6 44.0	2.420	3.386	5.7	20.1
9 18	0 0.17	+ 6 6.4	2.383	3.379	2.7	19.9
9 28	23 52.86	+ 5 22.0	2.374	3.371	2.1	19.9
10 8	23 45.92	+ 4 35.1	2.395	3.362	5.0	20.1
10 18	23 39.98	+ 3 50.4	2.443	3.354	8.1	20.2
10 28	23 35.56	+ 3 12.1	2.517	3.345	10.9	20.4

280929 2006 AS_{67} 9 22.1 97.°48 3.°6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.77	+11 18.9	1.746	2.572	15.8	20.9
8 29	0 16.61	+11 17.6	1.679	2.582	12.5	20.7
9 8	0 9.40	+10 56.7	1.634	2.592	8.7	20.5
9 18	0 0.84	+10 18.0	1.613	2.602	5.0	20.3
9 28	23 51.94	+ 9 25.6	1.619	2.612	3.8	20.3
10 8	23 43.75	+ 8 26.4	1.653	2.622	6.7	20.5
10 18	23 37.18	+ 7 27.7	1.712	2.631	10.4	20.7
10 28	23 32.88	+ 6 36.3	1.795	2.640	13.7	21.0

351357 2005 BV_{24} 9 22.1 264.°74 4.°9/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.51	+13 52.8	1.847	2.658	15.7	20.9
8 29	0 16.53	+14 12.5	1.764	2.653	12.7	20.7
9 8	0 9.45	+14 12.6	1.701	2.648	9.4	20.5
9 18	0 0.90	+13 52.8	1.663	2.642	6.2	20.3
9 28	23 51.81	+13 15.6	1.651	2.637	4.9	20.2
10 8	23 43.25	+12 26.4	1.666	2.631	7.0	20.3
10 18	23 36.18	+11 32.0	1.707	2.626	10.4	20.5
10 28	23 31.35	+10 39.9	1.771	2.620	13.8	20.7

481336 2006 BN_{153} 9 22.1 237.°79 3.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.00	− 9 39.7	2.707	3.582	9.4	22.5
8 29	0 12.55	−10 46.7	2.629	3.569	6.9	22.3
9 8	0 6.76	−11 56.5	2.578	3.557	4.5	22.1
9 18	0 0.06	−13 3.9	2.554	3.543	3.4	22.0
9 28	23 53.05	−14 3.7	2.560	3.530	4.8	22.1
10 8	23 46.41	−14 51.4	2.595	3.515	7.4	22.2
10 18	23 40.70	−15 23.9	2.655	3.501	9.9	22.4
10 28	23 36.45	−15 40.0	2.738	3.486	12.2	22.5

366151 2012 EY_{7} 9 22.1 138.°59 4.°3/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.84	−12 24.3	2.411	3.291	10.2	20.4
8 29	0 13.21	−13 27.1	2.354	3.294	7.6	20.2
9 8	0 7.14	−14 29.8	2.322	3.298	5.2	20.1
9 18	0 0.16	−15 26.8	2.318	3.301	4.3	20.0
9 28	23 52.97	−16 12.7	2.342	3.304	5.7	20.1
10 8	23 46.27	−16 43.5	2.393	3.307	8.2	20.3
10 18	23 40.71	−16 57.3	2.469	3.310	10.7	20.4
10 28	23 36.77	−16 53.6	2.567	3.313	12.9	20.6

469834 2005 SL_{243} 9 22.1 336.°02 8.°7/12.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.43	− 7 31.3	0.886	1.825	17.1	19.5
8 29	0 3.70	−10 34.3	0.813	1.787	12.7	19.2
9 8	0 2.37	−14 6.9	0.759	1.750	9.2	18.8
9 18	23 58.94	−17 49.0	0.728	1.715	9.5	18.7
9 28	23 54.60	−21 13.0	0.717	1.683	14.0	18.8
10 8	23 50.92	−23 54.0	0.726	1.653	19.5	19.0
10 18	23 49.39	−25 37.3	0.750	1.627	24.8	19.2
10 28	23 51.13	−26 18.7	0.786	1.603	29.2	19.4

130041 1999 VL_{140} 9 22.1 161.°30 3.°6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.28	+14 15.1	2.157	2.960	14.0	20.4
8 29	0 14.50	+13 50.6	2.078	2.965	11.2	20.2
9 8	0 8.03	+13 6.5	2.021	2.969	8.0	20.1
9 18	0 0.45	+12 4.5	1.990	2.973	4.9	19.9
9 28	23 52.55	+10 48.8	1.986	2.976	3.7	19.8
10 8	23 45.17	+ 9 26.1	2.011	2.979	5.8	20.0
10 18	23 39.08	+ 8 3.3	2.064	2.982	9.0	20.2
10 28	23 34.83	+ 6 47.3	2.143	2.984	12.0	20.4

469805 2005 SB_{77} 9 22.1 324.°52 0.°4/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.27	+ 2 6.8	1.235	2.124	17.2	20.9
8 29	0 13.43	+ 1 28.4	1.158	2.104	12.9	20.6
9 8	0 7.97	+ 0 30.4	1.100	2.085	7.9	20.3
9 18	0 0.55	− 0 41.8	1.064	2.067	2.3	19.9
9 28	23 52.35	− 1 58.9	1.052	2.050	3.7	19.9
10 8	23 44.80	− 3 9.9	1.065	2.033	9.5	20.2
10 18	23 39.16	− 4 5.3	1.099	2.018	14.8	20.5
10 28	23 36.39	− 4 38.5	1.152	2.004	19.4	20.7

97493 2000 CU_{81} 9 22.1 228.°25 0.°4/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.63	+ 0 29.9	2.621	3.474	10.3	20.7
8 29	0 13.02	− 0 0.5	2.538	3.467	7.6	20.5
9 8	0 7.04	− 0 39.0	2.480	3.460	4.6	20.3
9 18	0 0.16	− 1 22.3	2.451	3.453	1.3	20.0
9 28	23 52.99	− 2 6.5	2.450	3.446	2.2	20.1
10 8	23 46.19	− 2 47.1	2.479	3.438	5.5	20.3
10 18	23 40.37	− 3 20.6	2.535	3.430	8.5	20.5
10 28	23 36.03	− 3 43.8	2.616	3.422	11.1	20.7

268782 2006 TB_{49} 9 22.1 343.°72 4.°1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.34	+ 6 16.1	0.865	1.768	21.3	19.7
8 29	0 11.31	+ 6 59.2	0.797	1.746	16.8	19.3
9 8	0 7.10	+ 7 20.3	0.744	1.726	11.5	18.9
9 18	0 0.37	+ 7 18.7	0.710	1.708	6.0	18.6
9 28	23 52.58	+ 6 58.1	0.695	1.692	4.8	18.5
10 8	23 45.57	+ 6 27.1	0.699	1.680	10.1	18.7
10 18	23 41.02	+ 5 56.3	0.722	1.670	16.1	19.0
10 28	23 40.12	+ 5 36.0	0.761	1.663	21.4	19.3

481311 2006 AN_{5} 9 22.1 189.°15 8.°9/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.29	−33 32.9	2.757	3.598	10.2	21.3
8 29	0 15.06	−35 3.4	2.724	3.598	9.3	21.3
9 8	0 8.28	−36 20.6	2.715	3.596	8.9	21.3
9 18	0 0.52	−37 18.5	2.730	3.595	9.4	21.3
9 28	23 52.52	−37 52.8	2.770	3.593	10.4	21.4
10 8	23 45.08	−38 1.7	2.832	3.591	11.7	21.5
10 18	23 38.87	−37 46.1	2.914	3.589	13.0	21.6
10 28	23 34.40	−37 8.4	3.012	3.586	14.2	21.7

356241 2009 SS_{354} 9 22.1 303.°19 2.°2/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.60	−10 12.2	4.101	4.972	6.6	20.5
8 29	0 8.90	−10 43.0	4.028	4.966	4.8	20.4
9 8	0 4.39	−11 14.3	3.981	4.960	3.1	20.3
9 18	23 59.36	−11 43.6	3.963	4.954	2.2	20.2
9 28	23 54.18	−12 8.3	3.975	4.948	3.1	20.3
10 8	23 49.25	−12 26.3	4.015	4.942	4.8	20.4
10 18	23 44.90	−12 36.0	4.083	4.936	6.6	20.5
10 28	23 41.46	−12 36.5	4.176	4.930	8.2	20.6

54089 2000 GA_{176} 9 22.1 10.°43 0.°1/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.38	+ 2 14.1	1.695	2.563	14.4	19.3
8 29	0 14.17	+ 1 39.0	1.628	2.564	10.7	19.1
9 8	0 7.98	+ 0 50.3	1.583	2.565	6.5	18.8
9 18	0 0.47	− 0 7.3	1.563	2.566	1.9	18.5
9 28	23 52.60	− 1 7.2	1.570	2.568	2.8	18.6
10 8	23 45.37	− 2 2.2	1.604	2.570	7.3	18.9
10 18	23 39.67	− 2 46.3	1.663	2.572	11.4	19.2
10 28	23 36.14	− 3 15.3	1.745	2.574	14.8	19.4

506908 2008 DM_{2} 9 22.1 195.°08 1.°0/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.35	+ 4 54.8	1.827	2.674	14.4	22.7
8 29	0 17.79	+ 4 28.8	1.750	2.672	10.9	22.4
9 8	0 10.17	+ 3 47.9	1.695	2.669	6.9	22.2
9 18	0 1.13	+ 2 55.3	1.665	2.666	2.5	21.9
9 28	23 51.64	+ 1 56.7	1.664	2.662	2.5	21.9
10 8	23 42.75	+ 0 58.9	1.692	2.658	6.9	22.2
10 18	23 35.40	+ 0 8.4	1.745	2.652	11.0	22.4
10 28	23 30.29	− 0 29.7	1.822	2.647	14.5	22.6

267173 2000 JW_{13} 9 22.1 66.°06 0.°6/22.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.04	+ 4 14.4	1.428	2.294	16.7	21.0
8 29	0 16.95	+ 3 40.1	1.381	2.314	12.4	20.8
9 8	0 9.63	+ 2 49.1	1.355	2.335	7.6	20.5
9 18	0 0.93	+ 1 46.9	1.353	2.355	2.5	20.3
9 28	23 52.03	+ 0 41.2	1.378	2.376	2.8	20.4
10 8	23 44.11	− 0 19.4	1.429	2.397	7.7	20.7
10 18	23 38.11	− 1 8.3	1.504	2.417	12.0	21.0
10 28	23 34.62	− 1 41.0	1.601	2.438	15.6	21.3

14526 Xenocrates 9 22.1 24.°83 2.°9/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.49	− 3 50.5	1.005	1.912	18.6	17.7
8 29	0 15.74	− 4 28.2	0.968	1.925	13.6	17.4
9 8	0 9.16	− 5 16.3	0.949	1.938	8.0	17.2
9 18	0 0.82	− 6 5.9	0.952	1.954	3.2	17.0
9 28	23 52.22	− 6 47.1	0.977	1.970	5.6	17.2
10 8	23 44.90	− 7 11.7	1.025	1.988	10.8	17.5
10 18	23 39.96	− 7 15.7	1.094	2.007	15.5	17.9
10 28	23 38.06	− 6 58.0	1.181	2.027	19.4	18.2

419170 2009 TK_{13} 9 22.1 332.°71 3.°9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.68	− 5 2.0	1.143	2.049	16.9	20.1
8 29	0 13.85	− 5 58.3	1.075	2.032	12.5	19.8
9 8	0 8.26	− 7 6.6	1.027	2.016	7.6	19.5
9 18	0 0.65	− 8 17.9	1.001	2.001	3.9	19.3
9 28	23 52.31	− 9 20.9	0.998	1.987	6.6	19.4
10 8	23 44.75	−10 5.2	1.017	1.974	11.7	19.6
10 18	23 39.27	−10 24.2	1.058	1.962	16.7	19.9
10 28	23 36.80	−10 15.8	1.116	1.952	20.9	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
233708	2008 SB_{91}		9 22.1	72.°47	0.°2/22.2	18
	h m	° ′			°	m
8 19	0 22.52	+ 1 49.0	1.616	2.480	15.1	20.4
8 29	0 17.25	+ 1 32.6	1.554	2.487	11.3	20.1
9 8	0 9.84	+ 1 3.7	1.514	2.495	6.8	19.9
9 18	0 1.02	+ 0 26.3	1.500	2.502	2.1	19.6
9 28	23 51.87	− 0 13.8	1.512	2.510	2.8	19.7
10 8	23 43.50	− 0 50.0	1.551	2.517	7.4	20.0
10 18	23 36.85	− 1 17.1	1.616	2.525	11.6	20.3
10 28	23 32.58	− 1 31.2	1.702	2.532	15.1	20.5
113678	2002 TV_{106}		9 22.1	100.°15	1.°4/20.8	18
8 19	0 21.70	− 2 36.7	1.899	2.768	13.0	19.8
8 29	0 16.37	− 3 4.0	1.836	2.774	9.5	19.6
9 8	0 9.19	− 3 38.7	1.796	2.779	5.6	19.3
9 18	0 0.82	− 4 16.3	1.783	2.785	1.9	19.1
9 28	23 52.16	− 4 51.3	1.798	2.791	3.4	19.2
10 8	23 44.17	− 5 18.5	1.840	2.796	7.3	19.5
10 18	23 37.65	− 5 34.3	1.908	2.802	10.9	19.7
10 28	23 33.20	− 5 36.4	1.999	2.807	14.0	19.9
5274	Degewij		9 22.1	128.°79	0.°1/22.1	18
8 19	0 24.40	+ 0 34.5	2.053	2.905	12.8	17.2
8 29	0 18.21	+ 0 26.0	1.988	2.916	9.5	17.0
9 8	0 10.23	+ 0 8.8	1.947	2.926	5.7	16.8
9 18	0 1.12	− 0 14.0	1.933	2.935	1.7	16.6
9 28	23 51.74	− 0 38.2	1.948	2.945	2.4	16.7
10 8	23 43.03	− 0 59.4	1.992	2.954	6.4	16.9
10 18	23 35.76	− 1 13.7	2.063	2.962	9.9	17.2
10 28	23 30.51	− 1 18.5	2.157	2.971	12.9	17.4
1664	Felix		9 22.1	217.°36	2.°5/19.7	18
8 19	0 24.40	− 5 4.4	1.952	2.820	12.8	17.1
8 29	0 18.49	− 5 48.9	1.873	2.811	9.4	16.8
9 8	0 10.57	− 6 40.2	1.818	2.801	5.7	16.6
9 18	0 1.26	− 7 32.5	1.791	2.791	2.6	16.4
9 28	23 51.50	− 8 19.6	1.792	2.779	4.4	16.5
10 8	23 42.29	− 8 55.6	1.821	2.767	8.2	16.7
10 18	23 34.54	− 9 16.6	1.877	2.754	11.9	16.9
10 28	23 28.94	− 9 20.5	1.954	2.741	15.1	17.1
305473	2008 DS_{48}		9 22.1	261.°03	7.°5/14.2	18
8 19	0 22.97	−21 29.7	2.083	2.957	11.8	20.4
8 29	0 17.33	−22 31.9	2.022	2.947	9.5	20.2
9 8	0 9.80	−23 27.1	1.985	2.937	7.8	20.1
9 18	0 1.02	−24 8.0	1.974	2.927	7.6	20.1
9 28	23 51.91	−24 28.5	1.990	2.917	9.1	20.1
10 8	23 43.44	−24 25.4	2.031	2.907	11.3	20.3
10 18	23 36.45	−23 58.5	2.094	2.896	13.8	20.4
10 28	23 31.56	−23 9.8	2.177	2.885	16.0	20.6
359350	2009 SD_{254}		9 22.1	322.°52	1.°3/24.5	16
8 19	0 11.65	+ 7 51.1	4.110	4.929	7.6	21.0
8 29	0 8.24	+ 7 34.9	4.023	4.926	5.8	20.8
9 8	0 4.02	+ 7 10.9	3.961	4.923	3.9	20.7
9 18	23 59.29	+ 6 40.6	3.926	4.920	1.9	20.6
9 28	23 54.40	+ 6 6.1	3.922	4.917	1.5	20.5
10 8	23 49.72	+ 5 29.9	3.947	4.914	3.3	20.7
10 18	23 45.62	+ 4 54.4	4.001	4.911	5.2	20.8
10 28	23 42.39	+ 4 22.4	4.082	4.909	7.1	20.9
273790	2007 FW_4		9 22.1	21.°56	2.°9/24.2	18
8 19	0 21.95	+ 6 51.6	1.286	2.150	18.3	20.0
8 29	0 17.35	+ 7 6.8	1.226	2.154	14.1	19.7
9 8	0 10.15	+ 7 2.8	1.186	2.160	9.3	19.5
9 18	0 1.17	+ 6 41.4	1.169	2.166	4.5	19.2
9 28	23 51.72	+ 6 7.6	1.176	2.173	3.6	19.2
10 8	23 43.19	+ 5 29.2	1.207	2.180	8.1	19.5
10 18	23 36.74	+ 4 53.7	1.262	2.188	12.7	19.8
10 28	23 33.14	+ 4 28.0	1.338	2.197	16.8	20.0
147132	2002 TB_{186}		9 22.1	36.°63	2.°7/23.9	17
8 19	0 22.01	+ 6 47.0	1.175	2.045	19.2	19.6
8 29	0 17.46	+ 6 51.3	1.125	2.056	14.7	19.3
9 8	0 10.21	+ 6 34.5	1.093	2.069	9.6	19.1
9 18	0 1.18	+ 5 59.4	1.083	2.082	4.4	18.9
9 28	23 51.78	+ 5 12.8	1.098	2.095	3.5	18.8
10 8	23 43.47	+ 4 23.6	1.136	2.110	8.3	19.2
10 18	23 37.39	+ 3 40.4	1.198	2.125	13.1	19.5
10 28	23 34.28	+ 3 10.0	1.280	2.141	17.2	19.8
46003	2001 CF_3		9 22.1	60.°66	3.°9/18.9	18
8 19	0 21.26	− 5 8.3	1.276	2.170	16.4	18.8
8 29	0 16.63	− 6 24.5	1.233	2.184	11.9	18.6
9 8	0 9.56	− 7 49.0	1.212	2.199	7.1	18.4
9 18	0 0.96	− 9 12.0	1.215	2.213	3.9	18.2
9 28	23 52.12	−10 22.8	1.243	2.228	6.3	18.4
10 8	23 44.34	−11 13.2	1.295	2.243	10.6	18.7
10 18	23 38.63	−11 39.3	1.370	2.258	14.8	19.0
10 28	23 35.62	−11 40.4	1.465	2.274	18.2	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
505105	2012 CW_{15}		9 22.1	306.°75	5.°1/25.2	17
	h m	° ′			°	m
8 19	0 24.66	+ 9 50.2	1.246	2.097	19.5	21.7
8 29	0 19.83	+10 33.9	1.169	2.086	15.6	21.4
9 8	0 11.97	+10 57.0	1.110	2.074	11.1	21.1
9 18	0 1.81	+10 58.0	1.073	2.063	6.6	20.8
9 28	23 50.72	+10 39.1	1.060	2.053	5.4	20.7
10 8	23 40.33	+10 6.5	1.072	2.043	9.1	20.9
10 18	23 32.13	+ 9 28.8	1.105	2.033	14.0	21.2
10 28	23 27.18	+ 8 55.5	1.159	2.023	18.4	21.4
204748	2006 JL_3		9 22.1	299.°30	1.°7/20.7	18
8 19	0 20.55	− 2 23.4	1.623	2.501	14.4	20.7
8 29	0 16.03	− 2 56.3	1.543	2.486	10.6	20.4
9 8	0 9.28	− 3 39.3	1.486	2.471	6.3	20.1
9 18	0 0.94	− 4 27.2	1.454	2.457	2.1	19.8
9 28	23 52.03	− 5 13.1	1.449	2.442	4.0	19.9
10 8	23 43.69	− 5 50.0	1.470	2.428	8.6	20.2
10 18	23 36.96	− 6 12.6	1.515	2.414	12.9	20.4
10 28	23 32.63	− 6 17.8	1.581	2.400	16.6	20.6
93990	2000 XZ_{16}		9 22.1	0.°11	11.°1/ 1.0	18
8 19	0 18.49	+22 51.1	1.275	2.074	22.0	17.5
8 29	0 15.21	+24 10.7	1.208	2.070	19.1	17.3
9 8	0 9.12	+24 59.2	1.156	2.068	15.9	17.1
9 18	0 0.96	+25 11.0	1.124	2.068	12.9	16.9
9 28	23 52.01	+24 44.9	1.111	2.069	11.2	16.8
10 8	23 43.83	+23 46.5	1.121	2.071	11.7	16.8
10 18	23 37.76	+22 26.2	1.151	2.074	14.0	17.0
10 28	23 34.78	+20 57.4	1.202	2.079	17.0	17.2
40230	Rožmberk		9 22.1	56.°98	1.°3/20.8	18
8 19	0 18.60	− 1 38.4	2.004	2.874	12.4	18.5
8 29	0 13.92	− 2 19.0	1.953	2.891	9.0	18.4
9 8	0 7.64	− 3 7.3	1.926	2.910	5.3	18.2
9 18	0 0.38	− 3 58.6	1.926	2.928	1.7	18.0
9 28	23 52.95	− 4 47.2	1.953	2.946	3.2	18.1
10 8	23 46.19	− 5 27.7	2.009	2.965	6.8	18.4
10 18	23 40.76	− 5 56.4	2.090	2.984	10.1	18.6
10 28	23 37.18	− 6 11.0	2.194	3.003	12.9	18.9
127348	2002 JV_{120}		9 22.1	227.°57	6.°5/14.9	18
8 19	0 20.88	−15 52.1	1.950	2.834	12.0	19.5
8 29	0 15.90	−17 20.0	1.888	2.827	9.3	19.4
9 8	0 9.01	−18 46.4	1.851	2.819	7.0	19.2
9 18	0 0.83	−20 2.8	1.841	2.811	6.6	19.2
9 28	23 52.26	−21 1.4	1.857	2.803	8.3	19.3
10 8	23 44.30	−21 37.0	1.899	2.794	11.1	19.4
10 18	23 37.79	−21 47.6	1.964	2.785	13.9	19.6
10 28	23 33.37	−21 33.9	2.048	2.775	16.3	19.8
201832	2003 YD_{54}		9 22.1	327.°01	4.°7/17.8	18
8 19	0 19.89	− 9 48.7	1.628	2.519	13.6	19.5
8 29	0 15.43	−10 48.9	1.565	2.513	10.1	19.3
9 8	0 8.83	−11 52.3	1.525	2.507	6.6	19.1
9 18	0 0.79	−12 51.3	1.510	2.502	4.7	19.0
9 28	23 52.35	−13 37.6	1.521	2.497	6.7	19.1
10 8	23 44.60	−14 5.3	1.557	2.492	10.3	19.3
10 18	23 38.50	−14 11.3	1.617	2.487	13.9	19.5
10 28	23 34.73	−13 55.2	1.697	2.483	17.0	19.7
312623	2009 SQ_{346}		9 22.1	291.°71	0.°7/20.8	15
8 19	0 11.72	− 1 59.9	4.148	5.004	6.8	21.3
8 29	0 8.29	− 2 28.7	4.059	4.991	5.0	21.2
9 8	0 4.07	− 3 1.5	3.997	4.979	2.9	21.0
9 18	23 59.33	− 3 36.2	3.964	4.966	0.9	20.8
9 28	23 54.42	− 4 10.5	3.961	4.954	1.7	20.9
10 8	23 49.71	− 4 41.7	3.988	4.942	3.8	21.0
10 18	23 45.55	− 5 7.7	4.043	4.929	5.9	21.2
10 28	23 42.25	− 5 26.7	4.124	4.917	7.6	21.3
234704	2002 GG_{163}		9 22.1	351.°71	7.°3/17.9	18
8 19	0 13.11	−12 42.7	0.861	1.792	18.4	17.1
8 29	0 11.78	−13 9.9	0.806	1.773	14.0	16.8
9 8	0 7.25	−13 35.4	0.769	1.757	9.6	16.5
9 18	0 0.42	−13 48.5	0.750	1.744	7.3	16.3
9 28	23 52.86	−13 38.7	0.751	1.735	9.7	16.4
10 8	23 46.36	−13 0.0	0.772	1.728	14.4	16.6
10 18	23 42.37	−11 52.2	0.810	1.725	19.2	16.9
10 28	23 41.79	−10 18.4	0.863	1.725	23.4	17.2
403475	2009 TP_{42}		9 22.1	333.°28	0.°6/21.6	17
8 19	0 19.55	− 1 2.8	1.968	2.835	12.7	21.0
8 29	0 14.90	− 1 12.6	1.890	2.826	9.4	20.8
9 8	0 8.41	− 1 30.5	1.835	2.817	5.6	20.5
9 18	0 0.69	− 1 53.1	1.806	2.809	1.6	20.2
9 28	23 52.55	− 2 15.9	1.805	2.801	2.8	20.3
10 8	23 44.94	− 2 34.3	1.831	2.794	6.8	20.6
10 18	23 38.65	− 2 44.4	1.884	2.787	10.5	20.8
10 28	23 34.33	− 2 43.3	1.959	2.780	13.8	21.0

176656 2002 NZ_{65} 9 22.1 38.°52 3.°9/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.40	− 3 58.3	1.186	2.086	16.9	19.7
8 29	0 14.74	− 5 29.9	1.141	2.095	12.3	19.4
9 8	0 8.55	− 7 13.0	1.117	2.105	7.3	19.2
9 18	0 0.73	− 8 56.3	1.116	2.115	4.0	19.0
9 28	23 52.58	−10 27.2	1.140	2.126	6.6	19.2
10 8	23 45.46	−11 35.6	1.188	2.137	11.2	19.5
10 18	23 40.42	−12 16.1	1.257	2.149	15.5	19.8
10 28	23 38.11	−12 27.7	1.346	2.162	19.1	20.1

149237 2002 RE_{172} 9 22.1 311.°91 5.°2/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.43	− 8 9.5	1.254	2.156	16.0	19.7
8 29	0 15.86	− 9 16.7	1.178	2.133	12.0	19.4
9 8	0 9.53	−10 32.7	1.124	2.110	7.7	19.1
9 18	0 1.12	−11 47.8	1.092	2.087	5.2	18.9
9 28	23 51.88	−12 50.5	1.084	2.065	7.8	19.0
10 8	23 43.30	−13 30.9	1.099	2.043	12.5	19.2
10 18	23 36.71	−13 43.3	1.135	2.022	17.2	19.4
10 28	23 33.10	−13 26.5	1.188	2.002	21.3	19.6

46277 Jeffhall 9 22.1 5.°69 2.°6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.27	− 4 58.7	1.959	2.840	12.1	18.6
8 29	0 12.39	− 5 53.6	1.896	2.841	8.8	18.4
9 8	0 6.85	− 6 55.0	1.856	2.842	5.3	18.1
9 18	0 0.21	− 7 57.0	1.844	2.843	2.6	18.0
9 28	23 53.28	− 8 53.0	1.858	2.845	4.4	18.1
10 8	23 46.91	− 9 37.4	1.900	2.847	7.9	18.3
10 18	23 41.83	−10 6.1	1.966	2.849	11.2	18.5
10 28	23 38.60	−10 17.4	2.055	2.852	14.1	18.7

1657 Roemera 9 22.1 197.°22 10.°4/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.22	−29 26.6	2.041	2.900	12.6	17.4
8 29	0 19.19	−31 26.2	2.001	2.897	11.1	17.3
9 8	0 11.03	−33 12.3	1.984	2.893	10.4	17.3
9 18	0 1.46	−34 35.3	1.993	2.888	10.9	17.3
9 28	23 51.51	−35 28.0	2.026	2.882	12.4	17.4
10 8	23 42.29	−35 47.7	2.081	2.876	14.2	17.5
10 18	23 34.76	−35 35.3	2.156	2.869	16.1	17.7
10 28	23 29.57	−34 54.8	2.246	2.861	17.7	17.8

86291 1999 UZ_{49} 9 22.1 37.°38 7.°7/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.15	−22 11.2	1.959	2.834	12.4	18.7
8 29	0 18.13	−22 58.3	1.914	2.840	10.0	18.5
9 8	0 10.22	−23 36.1	1.893	2.846	8.1	18.4
9 18	0 1.18	−23 57.9	1.898	2.852	7.8	18.4
9 28	23 51.97	−23 58.6	1.928	2.859	9.1	18.5
10 8	23 43.62	−23 36.1	1.984	2.866	11.3	18.7
10 18	23 36.89	−22 51.6	2.062	2.873	13.7	18.9
10 28	23 32.36	−21 47.7	2.161	2.880	15.8	19.0

409673 2005 YK_{247} 9 22.1 309.°81 6.°3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.97	+16 35.6	1.974	2.767	15.5	21.1
8 29	0 16.28	+17 20.5	1.873	2.745	12.9	20.9
9 8	0 9.48	+17 47.2	1.793	2.723	10.1	20.7
9 18	0 1.08	+17 53.7	1.736	2.701	7.4	20.5
9 28	23 51.93	+17 40.0	1.705	2.679	6.3	20.4
10 8	23 43.10	+17 9.6	1.700	2.658	7.7	20.4
10 18	23 35.58	+16 28.0	1.721	2.636	10.6	20.6
10 28	23 30.22	+15 42.6	1.765	2.616	13.7	20.7

37972 1998 HJ_{105} 9 22.1 80.°38 2.°3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.76	− 2 45.0	1.669	2.547	14.0	18.7
8 29	0 15.16	− 3 47.2	1.612	2.556	10.2	18.5
9 8	0 8.58	− 4 58.8	1.579	2.564	6.0	18.3
9 18	0 0.72	− 6 12.9	1.572	2.573	2.4	18.1
9 28	23 52.59	− 7 21.6	1.591	2.581	4.4	18.3
10 8	23 45.19	− 8 17.5	1.638	2.590	8.5	18.5
10 18	23 39.39	− 8 55.9	1.709	2.598	12.2	18.8
10 28	23 35.80	− 9 14.4	1.802	2.607	15.4	19.0

515537 2014 GQ_{28} 9 22.1 212.°34 4.°1/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.18	−11 11.3	2.134	3.008	11.6	22.2
8 29	0 17.40	−11 53.5	2.065	3.003	8.6	22.1
9 8	0 9.83	−12 36.3	2.020	2.998	5.6	21.9
9 18	0 1.10	−13 14.2	2.003	2.993	4.1	21.8
9 28	23 52.04	−13 41.6	2.014	2.987	5.6	21.8
10 8	23 43.55	−13 54.5	2.053	2.981	8.6	22.0
10 18	23 36.43	−13 50.7	2.118	2.974	11.6	22.2
10 28	23 31.28	−13 30.2	2.204	2.968	14.3	22.4

141694 2002 JW_{147} 9 22.1 70.°26 0.°1/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.32	+ 1 43.6	1.296	2.168	17.7	20.3
8 29	0 20.28	+ 1 27.2	1.253	2.190	13.1	20.1
9 8	0 11.73	+ 0 56.3	1.230	2.212	7.9	19.8
9 18	0 1.65	+ 0 16.3	1.231	2.233	2.4	19.6
9 28	23 51.39	− 0 25.6	1.258	2.255	3.2	19.7
10 8	23 42.32	− 1 1.8	1.310	2.277	8.4	20.1
10 18	23 35.46	− 1 26.7	1.387	2.299	12.9	20.4
10 28	23 31.44	− 1 36.6	1.484	2.320	16.6	20.7

6912 Grimm 9 22.1 190.°92 0.°0/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.84	+ 2 11.1	2.575	3.424	10.7	18.3
8 29	0 13.21	+ 1 36.9	2.497	3.422	7.9	18.1
9 8	0 7.22	+ 0 53.3	2.443	3.421	4.8	17.9
9 18	0 0.32	+ 0 3.7	2.417	3.420	1.4	17.7
9 28	23 53.16	− 0 47.8	2.421	3.418	2.0	17.7
10 8	23 46.40	− 1 36.5	2.454	3.415	5.4	18.0
10 18	23 40.65	− 2 18.2	2.514	3.413	8.4	18.1
10 28	23 36.40	− 2 49.8	2.600	3.410	11.1	18.3

369764 2012 FK_{77} 9 22.1 162.°18 1.°3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.08	+ 6 1.1	1.620	2.470	15.8	21.5
8 29	0 17.79	+ 5 33.3	1.551	2.474	12.0	21.2
9 8	0 10.28	+ 4 48.0	1.504	2.478	7.6	21.0
9 18	0 1.27	+ 3 48.7	1.481	2.481	3.0	20.7
9 28	23 51.84	+ 2 42.2	1.486	2.483	2.7	20.7
10 8	23 43.14	+ 1 36.3	1.517	2.486	7.3	21.0
10 18	23 36.16	+ 0 38.5	1.575	2.487	11.6	21.3
10 28	23 31.62	− 0 5.3	1.655	2.489	15.3	21.5

407117 2009 SL_{308} 9 22.1 301.°51 0.°3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.84	+ 1 59.9	2.122	2.978	12.3	21.4
8 29	0 14.31	+ 1 44.8	2.036	2.965	9.2	21.2
9 8	0 8.06	+ 1 19.4	1.973	2.952	5.7	21.0
9 18	0 0.61	+ 0 46.6	1.937	2.939	1.8	20.7
9 28	23 52.74	+ 0 10.6	1.929	2.926	2.3	20.7
10 8	23 45.29	− 0 23.5	1.948	2.913	6.2	21.0
10 18	23 39.05	− 0 51.2	1.995	2.901	9.9	21.2
10 28	23 34.64	− 1 8.8	2.065	2.889	13.1	21.3

352399 2007 XY_1 9 22.1 24.°32 4.°2/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.72	− 9 27.9	1.791	2.676	12.9	20.6
8 29	0 15.82	−10 20.7	1.732	2.677	9.5	20.4
9 8	0 8.97	−11 16.1	1.696	2.678	6.1	20.2
9 18	0 0.86	−12 7.3	1.686	2.679	4.2	20.1
9 28	23 52.44	−12 47.5	1.703	2.680	6.0	20.2
10 8	23 44.72	−13 11.4	1.747	2.682	9.3	20.4
10 18	23 38.53	−13 16.4	1.815	2.684	12.7	20.6
10 28	23 34.50	−13 2.2	1.903	2.685	15.6	20.8

237564 2000 YZ_{126} 9 22.1 155.°61 3.°1/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.33	+11 6.8	2.394	3.199	12.7	21.0
8 29	0 17.34	+11 10.4	2.317	3.208	10.0	20.8
9 8	0 9.74	+10 59.7	2.263	3.215	7.0	20.6
9 18	0 1.08	+10 35.6	2.236	3.222	4.1	20.5
9 28	23 52.12	+10 0.9	2.238	3.229	3.2	20.4
10 8	23 43.66	+ 9 19.9	2.270	3.235	5.5	20.6
10 18	23 36.42	+ 8 37.6	2.329	3.240	8.4	20.8
10 28	23 30.97	+ 7 59.0	2.415	3.245	11.2	21.0

68036 2000 YH_{35} 9 22.1 326.°26 9.°1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.35	+22 32.3	1.605	2.382	19.1	18.3
8 29	0 16.20	+23 23.8	1.523	2.374	16.4	18.1
9 8	0 9.58	+23 48.2	1.458	2.366	13.5	17.9
9 18	0 1.15	+23 42.0	1.414	2.359	10.8	17.7
9 28	23 51.98	+23 4.8	1.393	2.352	9.2	17.6
10 8	23 43.37	+22 1.6	1.396	2.346	9.8	17.6
10 18	23 36.50	+20 41.0	1.423	2.340	12.3	17.7
10 28	23 32.27	+19 14.3	1.471	2.334	15.3	17.9

77837 2001 QK_{267} 9 22.1 43.°96 1.°7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.68	+ 7 46.8	2.530	3.360	11.4	18.9
8 29	0 12.41	+ 7 29.3	2.450	3.360	8.8	18.8
9 8	0 6.77	+ 6 59.5	2.395	3.361	5.8	18.6
9 18	0 0.21	+ 6 19.4	2.366	3.361	2.8	18.4
9 28	23 53.39	+ 5 32.6	2.366	3.362	2.1	18.4
10 8	23 46.97	+ 4 43.6	2.394	3.363	5.0	18.5
10 18	23 41.56	+ 3 57.1	2.451	3.363	8.0	18.7
10 28	23 37.66	+ 3 17.1	2.532	3.364	10.7	18.9

316119 2009 QL_{26} 9 22.1 311.°85 1.°0/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.91	+ 8 23.1	3.992	4.811	7.8	20.4
8 29	0 7.77	+ 7 32.5	3.898	4.802	6.0	20.2
9 8	0 3.82	+ 6 32.6	3.829	4.794	3.9	20.1
9 18	23 59.33	+ 5 25.3	3.789	4.785	1.8	19.9
9 28	23 54.67	+ 4 13.6	3.780	4.777	1.3	19.9
10 8	23 50.23	+ 3 1.2	3.801	4.769	3.4	20.0
10 18	23 46.36	+ 1 51.3	3.853	4.760	5.5	20.2
10 28	23 43.39	+ 0 47.4	3.932	4.752	7.4	20.3

26681 Niezgay 9 22.1 124.°47 0.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.69	+ 4 15.1	1.713	2.565	15.0	19.4
8 29	0 18.03	+ 3 45.6	1.652	2.578	11.2	19.2
9 8	0 10.32	+ 3 1.4	1.614	2.590	7.0	19.0
9 18	0 1.28	+ 2 6.6	1.601	2.602	2.4	18.8
9 28	23 51.96	+ 1 7.7	1.616	2.614	2.6	18.8
10 8	23 43.42	+ 0 11.6	1.659	2.625	7.0	19.1
10 18	23 36.55	− 0 35.4	1.727	2.635	11.0	19.4
10 28	23 31.98	− 1 8.8	1.819	2.645	14.5	19.6

382033 2011 CR_{24} 9 22.1 125.°65 4.°5/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.03	− 9 50.3	1.724	2.605	13.5	20.4
8 29	0 18.24	−10 50.5	1.673	2.615	9.9	20.2
9 8	0 10.41	−11 52.6	1.645	2.625	6.4	20.1
9 18	0 1.30	−12 49.3	1.644	2.635	4.5	20.0
9 28	23 51.95	−13 33.1	1.670	2.644	6.3	20.1
10 8	23 43.43	−13 58.9	1.722	2.653	9.7	20.3
10 18	23 36.62	−14 4.6	1.799	2.662	13.1	20.6
10 28	23 32.11	−13 50.1	1.896	2.670	15.9	20.8

7152 Euneus 9 22.1 304.°42 0.°8/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 11.81	− 3 1.6	4.136	4.995	6.8	17.4
8 29	0 8.37	− 3 30.9	4.057	4.991	4.9	17.2
9 8	0 4.15	− 4 3.8	4.004	4.986	2.9	17.1
9 18	23 59.43	− 4 38.0	3.980	4.982	1.0	16.9
9 28	23 54.55	− 5 11.1	3.986	4.978	1.9	17.0
10 8	23 49.90	− 5 40.5	4.022	4.973	3.9	17.2
10 18	23 45.80	− 6 4.3	4.087	4.969	5.9	17.3
10 28	23 42.58	− 6 20.8	4.176	4.965	7.6	17.4

77325 2001 FG_{91} 9 22.1 137.°94 6.°5/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.12	−19 32.6	2.301	3.174	10.9	19.5
8 29	0 16.44	−20 52.5	2.259	3.187	8.5	19.4
9 8	0 9.16	−22 6.6	2.244	3.199	6.9	19.3
9 18	0 0.91	−23 7.9	2.255	3.210	6.6	19.3
9 28	23 52.49	−23 50.8	2.294	3.221	8.0	19.4
10 8	23 44.73	−24 12.4	2.359	3.231	10.1	19.6
10 18	23 38.30	−24 11.9	2.447	3.241	12.3	19.7
10 28	23 33.72	−23 51.0	2.555	3.250	14.2	19.9

144322 2004 DK_{20} 9 22.1 244.°65 4.°6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.18	+13 2.0	1.628	2.451	17.0	20.2
8 29	0 17.34	+13 9.9	1.547	2.445	13.6	20.0
9 8	0 10.17	+12 55.7	1.485	2.438	9.8	19.7
9 18	0 1.32	+12 19.6	1.447	2.432	6.1	19.5
9 28	23 51.85	+11 25.0	1.435	2.425	4.7	19.4
10 8	23 42.98	+10 19.1	1.449	2.418	7.5	19.6
10 18	23 35.80	+ 9 10.3	1.489	2.411	11.4	19.8
10 28	23 31.11	+ 8 7.4	1.551	2.404	15.2	20.0

90441 2004 BC_{87} 9 22.1 147.°29 2.°7/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.76	− 3 38.8	1.760	2.634	13.6	19.8
8 29	0 16.59	− 4 49.7	1.700	2.642	9.9	19.6
9 8	0 9.45	− 6 9.3	1.665	2.649	5.9	19.4
9 18	0 1.04	− 7 30.5	1.656	2.656	2.7	19.2
9 28	23 52.32	− 8 45.0	1.675	2.662	4.7	19.4
10 8	23 44.32	− 9 45.6	1.721	2.667	8.6	19.6
10 18	23 37.90	−10 27.7	1.792	2.672	12.3	19.8
10 28	23 33.66	−10 49.2	1.885	2.677	15.4	20.1

145687 1072 $T\text{-}_3$ 9 22.1 253.°81 4.°1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.77	+14 53.2	2.077	2.882	14.4	20.3
8 29	0 13.58	+14 38.8	1.993	2.878	11.6	20.1
9 8	0 7.65	+14 4.0	1.930	2.875	8.5	19.9
9 18	0 0.52	+13 10.0	1.892	2.872	5.4	19.7
9 28	23 53.00	+12 0.4	1.881	2.869	4.1	19.6
10 8	23 45.96	+10 41.7	1.897	2.865	6.1	19.8
10 18	23 40.19	+ 9 21.1	1.941	2.862	9.3	19.9
10 28	23 36.30	+ 8 5.9	2.010	2.859	12.4	20.1

84612 2002 VB_{37} 9 22.1 271.°87 2.°3/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.62	− 3 48.1	1.932	2.808	12.5	19.6
8 29	0 14.27	− 4 44.7	1.857	2.799	9.1	19.4
9 8	0 8.09	− 5 49.7	1.805	2.790	5.5	19.2
9 18	0 0.66	− 6 57.3	1.780	2.781	2.4	18.9
9 28	23 52.83	− 8 0.5	1.783	2.772	4.3	19.1
10 8	23 45.51	− 8 52.8	1.814	2.762	8.0	19.3
10 18	23 39.53	− 9 29.5	1.869	2.753	11.6	19.5
10 28	23 35.52	− 9 47.9	1.947	2.744	14.7	19.7

45151 1999 XB_{111} 9 22.1 349.°05 5.°5/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.23	− 8 52.3	1.236	2.138	16.2	17.7
8 29	0 16.22	−10 4.4	1.181	2.135	12.0	17.4
9 8	0 9.58	−11 22.1	1.147	2.132	7.7	17.2
9 18	0 1.13	−12 35.1	1.135	2.129	5.5	17.1
9 28	23 52.20	−13 32.5	1.148	2.127	7.9	17.2
10 8	23 44.20	−14 5.9	1.185	2.126	12.1	17.4
10 18	23 38.29	−14 12.1	1.242	2.125	16.3	17.7
10 28	23 35.24	−13 51.1	1.318	2.125	19.9	17.9

319105 2005 WG_{197} 9 22.1 182.°41 5.°1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.59	+21 33.6	3.003	3.742	11.9	21.0
8 29	0 13.73	+21 42.1	2.912	3.742	10.0	20.8
9 8	0 7.54	+21 33.9	2.843	3.742	8.0	20.7
9 18	0 0.47	+21 8.8	2.798	3.742	6.1	20.6
9 28	23 53.10	+20 28.1	2.781	3.741	5.1	20.5
10 8	23 46.08	+19 35.2	2.793	3.740	5.7	20.5
10 18	23 39.98	+18 34.4	2.833	3.738	7.3	20.7
10 28	23 35.30	+17 31.2	2.899	3.736	9.3	20.8

134316 9579 $P\text{–}L$ 9 22.1 29.°38 3.°4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.59	− 6 3.2	0.916	1.825	19.9	18.1
8 29	0 19.76	− 6 16.2	0.881	1.838	14.6	17.9
9 8	0 11.73	− 6 35.9	0.863	1.852	8.7	17.6
9 18	0 1.73	− 6 54.4	0.866	1.868	3.7	17.4
9 28	23 51.51	− 7 3.1	0.892	1.885	6.0	17.6
10 8	23 42.83	− 6 56.1	0.940	1.903	11.4	18.0
10 18	23 36.91	− 6 31.0	1.007	1.922	16.3	18.3
10 28	23 34.41	− 5 48.0	1.093	1.942	20.4	18.6

516758 2009 SX_{312} 9 22.1 25.°51 2.°6/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.74	− 6 54.6	2.019	2.895	12.0	21.2
8 29	0 15.63	− 7 19.2	1.957	2.899	8.8	21.0
9 8	0 8.79	− 7 47.1	1.920	2.903	5.3	20.8
9 18	0 0.85	− 8 13.7	1.909	2.907	2.7	20.6
9 28	23 52.65	− 8 34.0	1.925	2.912	4.2	20.7
10 8	23 45.08	− 8 44.2	1.970	2.917	7.6	20.9
10 18	23 38.88	− 8 41.6	2.040	2.922	10.9	21.2
10 28	23 34.62	− 8 25.3	2.132	2.928	13.7	21.4

263056 2007 HL_{58} 9 22.1 100.°77 5.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.67	−15 45.9	2.397	3.275	10.3	20.3
8 29	0 14.57	−16 43.9	2.350	3.286	7.8	20.2
9 8	0 8.03	−17 38.8	2.328	3.296	5.8	20.1
9 18	0 0.60	−18 25.1	2.333	3.307	5.1	20.1
9 28	23 53.01	−18 57.8	2.366	3.317	6.5	20.2
10 8	23 46.00	−19 13.8	2.426	3.328	8.7	20.3
10 18	23 40.19	−19 11.9	2.511	3.338	11.0	20.5
10 28	23 36.06	−18 52.8	2.617	3.348	13.1	20.7

72573 2001 EE_{16} 9 22.1 215.°93 3.°6/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.19	+13 30.7	2.397	3.200	12.8	19.4
8 29	0 13.67	+13 29.4	2.313	3.199	10.3	19.2
9 8	0 7.61	+13 11.9	2.251	3.197	7.4	19.0
9 18	0 0.52	+12 39.2	2.215	3.196	4.7	18.9
9 28	23 53.08	+11 54.0	2.206	3.194	3.7	18.8
10 8	23 46.07	+11 0.9	2.226	3.192	5.5	18.9
10 18	23 40.15	+10 5.3	2.274	3.191	8.3	19.1
10 28	23 35.90	+ 9 12.7	2.346	3.189	11.0	19.3

319307 2006 BA_{134} 9 22.1 240.°21 0.°2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.85	+ 2 16.9	2.505	3.353	11.0	21.3
8 29	0 14.07	+ 1 56.8	2.420	3.344	8.2	21.1
9 8	0 7.82	+ 1 27.5	2.359	3.336	5.0	20.9
9 18	0 0.58	+ 0 51.6	2.325	3.327	1.6	20.6
9 28	23 53.00	+ 0 13.2	2.321	3.318	2.0	20.7
10 8	23 45.81	− 0 23.6	2.345	3.309	5.4	20.9
10 18	23 39.65	− 0 54.8	2.398	3.299	8.6	21.1
10 28	23 35.06	− 1 17.0	2.475	3.290	11.4	21.3

473790 2016 EY_{87} 9 22.1 37.°17 6.°2/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.41	− 8 15.6	0.981	1.896	18.3	19.8
8 29	0 15.76	− 9 53.5	0.951	1.911	13.4	19.6
9 8	0 9.26	−11 35.9	0.940	1.928	8.6	19.4
9 18	0 1.00	−13 9.1	0.951	1.945	6.2	19.3
9 28	23 52.56	−14 19.9	0.985	1.964	8.9	19.5
10 8	23 45.44	−15 0.2	1.040	1.983	13.2	19.8
10 18	23 40.74	−15 7.9	1.115	2.003	17.4	20.2
10 28	23 39.07	−14 45.4	1.207	2.023	20.9	20.5

519453 2011 YN_{80} 9 22.1 149.°54 1.°0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.23	+ 4 59.0	2.557	3.393	11.1	21.9
8 29	0 14.24	+ 4 42.0	2.483	3.399	8.4	21.7
9 8	0 7.86	+ 4 14.7	2.432	3.404	5.3	21.5
9 18	0 0.57	+ 3 39.5	2.410	3.409	2.1	21.3
9 28	23 53.04	+ 2 59.8	2.416	3.414	1.9	21.3
10 8	23 45.95	+ 2 20.0	2.452	3.418	5.1	21.5
10 18	23 39.92	+ 1 44.1	2.516	3.423	8.1	21.7
10 28	23 35.43	+ 1 15.7	2.606	3.427	10.7	21.9

512061 2015 MB_{115} 9 22.1 164.°76 5.°3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.13	+19 32.2	2.371	3.134	14.0	21.7
8 29	0 15.87	+19 33.6	2.288	3.139	11.6	21.5
9 8	0 8.96	+19 15.0	2.226	3.144	9.0	21.3
9 18	0 0.93	+18 36.2	2.189	3.148	6.6	21.2
9 28	23 52.56	+17 39.7	2.179	3.151	5.3	21.1
10 8	23 44.67	+16 30.3	2.198	3.154	6.3	21.2
10 18	23 38.01	+15 14.4	2.244	3.157	8.6	21.3
10 28	23 33.15	+13 59.0	2.316	3.159	11.2	21.5

264059 2009 SP_{39} 9 22.1 200.°75 1.°4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.71	+10 15.2	4.799	5.601	6.8	20.9
8 29	0 7.50	+ 9 53.3	4.709	5.600	5.3	20.7
9 8	0 3.62	+ 9 23.9	4.645	5.598	3.7	20.6
9 18	23 59.31	+ 8 48.1	4.608	5.597	2.0	20.5
9 28	23 54.87	+ 8 7.8	4.602	5.595	1.5	20.5
10 8	23 50.61	+ 7 25.1	4.626	5.593	2.8	20.6
10 18	23 46.84	+ 6 42.6	4.680	5.591	4.5	20.7
10 28	23 43.80	+ 6 2.5	4.761	5.589	6.1	20.8

52248 1981 EE_{15} 9 22.1 184.°50 2.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.08	+ 9 23.3	2.148	2.974	13.3	20.2
8 29	0 15.19	+ 9 13.0	2.069	2.974	10.4	20.0
9 8	0 8.59	+ 8 47.5	2.012	2.974	7.0	19.8
9 18	0 0.84	+ 8 8.3	1.981	2.973	3.7	19.6
9 28	23 52.73	+ 7 19.4	1.978	2.973	2.8	19.5
10 8	23 45.11	+ 6 26.2	2.003	2.972	5.7	19.7
10 18	23 38.74	+ 5 34.3	2.056	2.971	9.1	19.9
10 28	23 34.23	+ 4 49.2	2.133	2.970	12.2	20.1

52938 1998 SW_{136} 9 22.2 50.°81 5.°2/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.46	−10 7.8	1.295	2.190	16.1	18.7
8 29	0 19.05	−10 58.4	1.252	2.202	11.9	18.5
9 8	0 11.10	−11 50.4	1.230	2.213	7.7	18.3
9 18	0 1.58	−12 35.0	1.232	2.226	5.2	18.2
9 28	23 51.83	−13 3.9	1.259	2.238	7.3	18.4
10 8	23 43.20	−13 11.7	1.311	2.251	11.2	18.6
10 18	23 36.75	−12 57.0	1.384	2.265	15.1	18.9
10 28	23 33.10	−12 20.9	1.477	2.278	18.4	19.2

395672 2011 WD_{117} 9 22.2 281.°47 7.°9/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.55	−47 4.3	4.398	5.155	8.1	20.1
8 29	0 13.50	−47 58.3	4.380	5.152	7.9	20.1
9 8	0 7.30	−48 38.9	4.385	5.149	7.9	20.1
9 18	0 0.42	−49 3.2	4.411	5.145	8.3	20.2
9 28	23 53.40	−49 9.1	4.457	5.142	8.8	20.2
10 8	23 46.82	−48 56.2	4.523	5.139	9.4	20.3
10 18	23 41.18	−48 25.3	4.605	5.136	9.9	20.3
10 28	23 36.88	−47 38.4	4.701	5.132	10.5	20.4

510007 2009 WU_{27} 9 22.2 246.°04 1.°8/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.39	− 2 28.5	1.799	2.669	13.6	22.2
8 29	0 17.26	− 3 9.4	1.719	2.657	10.0	21.9
9 8	0 10.02	− 3 59.9	1.662	2.645	6.0	21.7
9 18	0 1.32	− 4 54.8	1.630	2.632	2.1	21.4
9 28	23 52.09	− 5 47.3	1.627	2.619	3.9	21.5
10 8	23 43.40	− 6 30.8	1.651	2.606	8.1	21.7
10 18	23 36.22	− 7 0.2	1.701	2.592	12.2	22.0
10 28	23 31.26	− 7 12.5	1.772	2.578	15.6	22.2

28048 Camilleyoke 9 22.2 357.°65 2.°1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.97	− 0 26.0	1.078	1.980	18.1	18.0
8 29	0 13.35	− 1 29.3	1.021	1.976	13.3	17.7
9 8	0 7.99	− 2 50.7	0.984	1.973	7.9	17.4
9 18	0 0.74	− 4 21.1	0.969	1.972	2.6	17.1
9 28	23 52.94	− 5 48.0	0.977	1.972	5.1	17.2
10 8	23 46.08	− 6 59.3	1.008	1.972	10.7	17.6
10 18	23 41.35	− 7 46.8	1.060	1.974	15.8	17.9
10 28	23 39.57	− 8 6.6	1.130	1.977	20.0	18.1

17716 1997 WW_{43} 9 22.2 353.°04 2.°4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.80	+ 6 11.5	1.201	2.071	18.8	18.0
8 29	0 17.57	+ 6 13.4	1.136	2.069	14.5	17.8
9 8	0 10.53	+ 5 54.6	1.090	2.067	9.5	17.5
9 18	0 1.51	+ 5 17.8	1.066	2.065	4.2	17.2
9 28	23 51.85	+ 4 29.1	1.066	2.064	3.4	17.1
10 8	23 43.07	+ 3 37.7	1.090	2.064	8.6	17.5
10 18	23 36.46	+ 2 52.4	1.137	2.064	13.7	17.7
10 28	23 32.89	+ 2 20.7	1.204	2.064	18.1	18.0

298115 2002 RR_{177} 9 22.2 341.°51 1.°9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.25	+ 7 9.2	1.553	2.411	15.9	20.4
8 29	0 13.69	+ 6 49.1	1.478	2.404	12.3	20.2
9 8	0 7.96	+ 6 9.9	1.424	2.398	8.0	19.9
9 18	0 0.72	+ 5 14.6	1.393	2.392	3.5	19.7
9 28	23 52.97	+ 4 9.2	1.389	2.387	2.8	19.6
10 8	23 45.83	+ 3 1.9	1.410	2.382	7.2	19.9
10 18	23 40.29	+ 2 0.8	1.456	2.378	11.6	20.1
10 28	23 37.10	+ 1 12.8	1.523	2.375	15.5	20.3

264121 2009 TD_{16} 9 22.2 300.°86 1.°8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.12	− 7 58.2	4.094	4.962	6.6	20.0
8 29	0 8.65	− 8 32.6	4.014	4.953	4.8	19.9
9 8	0 4.37	− 9 8.6	3.962	4.943	3.0	19.8
9 18	23 59.57	− 9 43.8	3.938	4.933	1.8	19.7
9 28	23 54.60	−10 15.4	3.945	4.924	2.7	19.7
10 8	23 49.85	−10 41.0	3.980	4.915	4.6	19.9
10 18	23 45.68	−10 58.9	4.043	4.905	6.4	20.0
10 28	23 42.39	−11 7.9	4.131	4.896	8.1	20.1

337956 2002 AD_{78} 9 22.2 124.°04 1.°8/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.74	− 2 55.7	1.892	2.759	13.1	21.0
8 29	0 17.17	− 3 40.2	1.834	2.772	9.5	20.8
9 8	0 9.76	− 4 32.2	1.800	2.784	5.6	20.6
9 18	0 1.19	− 5 26.4	1.793	2.795	2.1	20.3
9 28	23 52.38	− 6 16.4	1.815	2.806	3.7	20.5
10 8	23 44.28	− 6 56.5	1.864	2.817	7.6	20.7
10 18	23 37.69	− 7 22.9	1.939	2.827	11.1	21.0
10 28	23 33.18	− 7 33.5	2.037	2.836	14.1	21.2

175016 2004 FU_{14} 9 22.2 216.°32 0.°6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.60	− 0 30.2	2.352	3.206	11.4	20.5
8 29	0 16.18	− 0 51.8	2.270	3.199	8.4	20.3
9 8	0 9.15	− 1 21.1	2.212	3.192	5.0	20.1
9 18	0 1.03	− 1 55.0	2.182	3.185	1.5	19.8
9 28	23 52.55	− 2 29.2	2.182	3.177	2.5	19.9
10 8	23 44.52	− 2 59.3	2.210	3.169	6.1	20.1
10 18	23 37.64	− 3 21.5	2.266	3.160	9.4	20.3
10 28	23 32.49	− 3 33.1	2.346	3.151	12.3	20.5

381804 2009 UG_{115} 9 22.2 296.°42 1.°0/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.82	+ 5 30.3	1.472	2.336	16.3	20.8
8 29	0 15.05	+ 4 53.7	1.390	2.322	12.4	20.5
9 8	0 8.90	+ 3 56.7	1.330	2.308	7.9	20.2
9 18	0 1.03	+ 2 43.4	1.293	2.294	2.9	19.9
9 28	23 52.51	+ 1 21.4	1.282	2.280	2.9	19.8
10 8	23 44.57	+ 0 0.5	1.297	2.267	8.0	20.1
10 18	23 38.32	− 1 10.2	1.336	2.253	12.9	20.3
10 28	23 34.63	− 2 3.4	1.396	2.240	17.1	20.6

507926 2014 YY_{33} 9 22.2 323.°28 6.°6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.91	+14 24.6	1.253	2.090	20.3	20.6
8 29	0 17.79	+15 0.3	1.180	2.083	16.6	20.3
9 8	0 10.78	+15 9.4	1.124	2.076	12.4	20.1
9 18	0 1.64	+14 50.0	1.088	2.069	8.3	19.8
9 28	23 51.66	+14 4.4	1.076	2.063	6.6	19.7
10 8	23 42.44	+13 0.4	1.087	2.057	9.2	19.9
10 18	23 35.33	+11 48.9	1.122	2.052	13.5	20.1
10 28	23 31.34	+10 41.4	1.176	2.047	17.7	20.3

310668 2002 EQ_{140} 9 22.2 266.°87 0.°0/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.74	+ 0 58.9	4.366	5.209	6.7	20.6
8 29	0 9.05	+ 0 44.0	4.281	5.204	5.0	20.5
9 8	0 4.59	+ 0 24.5	4.221	5.198	3.0	20.3
9 18	23 59.64	+ 0 2.0	4.191	5.193	0.9	20.1
9 28	23 54.53	− 0 21.4	4.191	5.188	1.2	20.2
10 8	23 49.64	− 0 43.6	4.221	5.182	3.3	20.3
10 18	23 45.27	− 1 2.7	4.280	5.177	5.3	20.5
10 28	23 41.75	− 1 16.9	4.366	5.171	7.0	20.6

457514 2008 VX_{66} 9 22.2 325.°81 3.°5/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.85	+13 42.4	2.408	3.214	12.7	20.9
8 29	0 11.99	+13 33.4	2.321	3.208	10.2	20.7
9 8	0 6.65	+13 7.8	2.255	3.202	7.4	20.5
9 18	0 0.30	+12 26.7	2.215	3.196	4.7	20.4
9 28	23 53.61	+11 33.0	2.202	3.191	3.5	20.3
10 8	23 47.31	+10 31.7	2.218	3.185	5.4	20.4
10 18	23 42.05	+ 9 28.3	2.260	3.180	8.2	20.6
10 28	23 38.38	+ 8 28.6	2.329	3.175	11.0	20.7

353183 2009 RF_{64} 9 22.2 302.°85 0.°3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.02	+ 2 49.1	4.237	5.076	7.0	21.2
8 29	0 8.55	+ 2 29.1	4.154	5.074	5.2	21.1
9 8	0 4.30	+ 2 3.5	4.097	5.072	3.2	20.9
9 18	23 59.57	+ 1 34.1	4.069	5.070	1.1	20.7
9 28	23 54.68	+ 1 3.0	4.070	5.068	1.2	20.7
10 8	23 50.01	+ 0 32.5	4.102	5.066	3.3	20.9
10 18	23 45.89	+ 0 4.9	4.163	5.064	5.3	21.1
10 28	23 42.61	− 0 17.7	4.250	5.062	7.1	21.2

107935 2001 FV_{111} 9 22.2 244.°07 1.°5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.48	+ 6 37.5	2.470	3.303	11.6	20.3
8 29	0 13.86	+ 6 22.6	2.382	3.294	8.9	20.1
9 8	0 7.76	+ 5 55.8	2.318	3.286	5.8	19.9
9 18	0 0.64	+ 5 19.0	2.281	3.278	2.6	19.6
9 28	23 53.17	+ 4 35.8	2.272	3.269	2.1	19.6
10 8	23 46.07	+ 3 50.7	2.293	3.260	5.2	19.8
10 18	23 40.02	+ 3 8.3	2.341	3.251	8.4	20.0
10 28	23 35.55	+ 2 32.8	2.414	3.242	11.3	20.2

120509 1993 TJ_{16} 9 22.2 317.°73 1.°7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.88	− 2 52.2	1.452	2.333	15.6	19.6
8 29	0 18.00	− 3 11.5	1.381	2.325	11.5	19.3
9 8	0 10.65	− 3 40.0	1.331	2.316	6.9	19.1
9 18	0 1.56	− 4 12.6	1.306	2.308	2.3	18.8
9 28	23 51.90	− 4 42.6	1.306	2.301	4.1	18.9
10 8	23 42.97	− 5 3.3	1.332	2.293	9.0	19.1
10 18	23 35.90	− 5 10.1	1.382	2.286	13.5	19.4
10 28	23 31.49	− 5 0.4	1.453	2.280	17.4	19.6

93090 2000 SF_{37} 9 22.2 333.°03 1.°4/20.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.07	+ 0 30.0	1.427	2.311	15.6	19.4
8 29	0 13.69	− 0 32.2	1.358	2.303	11.5	19.2
9 8	0 8.03	− 1 50.6	1.310	2.296	6.9	18.9
9 18	0 0.77	− 3 18.2	1.287	2.289	2.1	18.6
9 28	23 53.00	− 4 45.3	1.289	2.283	4.1	18.7
10 8	23 45.91	− 6 1.8	1.316	2.278	9.0	19.0
10 18	23 40.53	− 7 0.1	1.367	2.273	13.6	19.2
10 28	23 37.62	− 7 35.5	1.439	2.268	17.4	19.5

299916 2006 SG_{406} 9 22.2 306.°29 2.°2/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.29	− 4 42.1	1.842	2.717	13.0	20.6
8 29	0 16.32	− 5 11.1	1.769	2.711	9.6	20.3
9 8	0 9.40	− 5 46.3	1.720	2.704	5.7	20.1
9 18	0 1.15	− 6 22.8	1.697	2.698	2.4	19.9
9 28	23 52.49	− 6 54.8	1.702	2.692	4.1	20.0
10 8	23 44.43	− 7 17.1	1.734	2.687	8.0	20.2
10 18	23 37.84	− 7 25.9	1.791	2.681	11.7	20.4
10 28	23 33.37	− 7 19.4	1.870	2.676	14.9	20.6

104453 2000 GS_7 9 22.2 284.°18 8.°1/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.53	−21 20.1	1.931	2.807	12.5	18.4
8 29	0 18.91	−22 29.3	1.854	2.780	10.2	18.2
9 8	0 11.09	−23 32.5	1.800	2.753	8.4	18.1
9 18	0 1.70	−24 21.4	1.772	2.726	8.3	18.0
9 28	23 51.73	−24 48.1	1.770	2.698	9.9	18.0
10 8	23 42.29	−24 48.2	1.792	2.671	12.5	18.1
10 18	23 34.42	−24 20.9	1.837	2.643	15.3	18.3
10 28	23 28.87	−23 28.2	1.901	2.614	17.8	18.4

222416 2001 GU_7 9 22.2 74.°31 3.°9/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.66	− 5 38.1	1.382	2.271	15.7	19.9
8 29	0 17.54	− 6 55.5	1.342	2.290	11.4	19.7
9 8	0 10.14	− 8 19.5	1.324	2.310	6.9	19.5
9 18	0 1.34	− 9 40.9	1.332	2.329	3.9	19.4
9 28	23 52.37	−10 49.8	1.365	2.349	6.1	19.6
10 8	23 44.44	−11 39.0	1.424	2.368	10.2	19.9
10 18	23 38.49	−12 4.8	1.506	2.388	14.0	20.2
10 28	23 35.11	−12 7.0	1.607	2.407	17.3	20.4

97061 1999 VE_5 9 22.2 294.°70 8.°7/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.38	−21 20.9	1.690	2.573	13.7	18.4
8 29	0 18.91	−22 28.4	1.628	2.558	11.1	18.2
9 8	0 11.09	−23 28.2	1.588	2.544	9.1	18.0
9 18	0 1.68	−24 11.1	1.573	2.530	8.8	18.0
9 28	23 51.80	−24 29.2	1.582	2.515	10.5	18.1
10 8	23 42.68	−24 18.8	1.616	2.501	13.2	18.2
10 18	23 35.37	−23 39.8	1.671	2.487	16.1	18.4
10 28	23 30.59	−22 35.4	1.744	2.474	18.7	18.5

195178 2002 CS_{254} 9 22.2 94.°90 4.°3/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.94	− 9 2.3	1.718	2.600	13.5	19.9
8 29	0 17.43	−10 5.7	1.672	2.616	9.9	19.7
9 8	0 9.96	−11 11.3	1.650	2.631	6.3	19.6
9 18	0 1.29	−12 12.0	1.654	2.647	4.3	19.5
9 28	23 52.43	−13 0.2	1.686	2.662	6.1	19.6
10 8	23 44.41	−13 30.8	1.744	2.677	9.4	19.9
10 18	23 38.07	−13 41.4	1.826	2.692	12.7	20.1
10 28	23 33.97	−13 32.1	1.929	2.706	15.6	20.3

321689 2010 EF_{107} 9 22.2 242.°62 0.°1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.23	+ 3 20.2	1.832	2.691	13.9	21.1
8 29	0 14.83	+ 2 36.7	1.756	2.686	10.4	20.8
9 8	0 8.53	+ 1 38.7	1.703	2.682	6.3	20.6
9 18	0 0.91	+ 0 30.5	1.675	2.677	1.9	20.3
9 28	23 52.88	− 0 41.2	1.675	2.673	2.6	20.3
10 8	23 45.40	− 1 48.9	1.703	2.668	7.0	20.6
10 18	23 39.33	− 2 46.3	1.757	2.663	11.0	20.8
10 28	23 35.34	− 3 28.4	1.834	2.658	14.4	21.1

446892 2002 JL_{134} 9 22.2 98.°56 5.°8/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.94	−18 58.4	2.359	3.229	10.8	21.1
8 29	0 17.71	−19 39.8	2.315	3.243	8.4	21.0
9 8	0 9.94	−20 15.2	2.296	3.256	6.4	20.9
9 18	0 1.26	−20 39.3	2.305	3.270	5.8	20.8
9 28	23 52.48	−20 48.0	2.341	3.283	7.0	20.9
10 8	23 44.39	−20 39.0	2.404	3.296	9.2	21.1
10 18	23 37.67	−20 12.4	2.492	3.309	11.4	21.3
10 28	23 32.78	−19 29.7	2.601	3.322	13.4	21.5

461295 2015 XA_{106} 9 22.2 306.°65 9.°1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.30	−25 50.6	2.077	2.952	11.8	20.7
8 29	0 14.88	−27 20.6	2.018	2.933	10.1	20.5
9 8	0 8.55	−28 41.3	1.983	2.915	9.1	20.4
9 18	0 0.92	−29 44.5	1.972	2.897	9.4	20.4
9 28	23 52.88	−30 23.2	1.987	2.879	10.9	20.5
10 8	23 45.40	−30 33.7	2.024	2.862	13.0	20.6
10 18	23 39.33	−30 15.9	2.081	2.844	15.1	20.7
10 28	23 35.32	−29 31.9	2.156	2.827	17.1	20.8

309082 2006 VL_{65} 9 22.2 357.°14 1.°8/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.19	− 2 48.0	1.764	2.641	13.4	20.5
8 29	0 14.81	− 3 25.3	1.698	2.640	9.9	20.3
9 8	0 8.50	− 4 11.0	1.654	2.639	5.8	20.1
9 18	0 0.90	− 5 0.0	1.636	2.638	2.1	19.8
9 28	23 52.94	− 5 45.8	1.646	2.638	3.8	19.9
10 8	23 45.61	− 6 22.3	1.682	2.638	7.9	20.2
10 18	23 39.75	− 6 45.1	1.742	2.638	11.7	20.4
10 28	23 36.01	− 6 51.6	1.825	2.639	14.9	20.6

43433 2000 YW_{35} 9 22.2 214.°33 0.°3/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.37	+ 3 34.3	2.047	2.897	13.0	19.9
8 29	0 15.52	+ 2 57.6	1.966	2.892	9.7	19.7
9 8	0 8.88	+ 2 7.9	1.909	2.886	6.0	19.5
9 18	0 1.02	+ 1 8.8	1.878	2.880	1.9	19.2
9 28	23 52.76	+ 0 5.8	1.876	2.874	2.3	19.2
10 8	23 44.99	− 0 54.6	1.903	2.867	6.4	19.5
10 18	23 38.51	− 1 46.7	1.956	2.860	10.2	19.7
10 28	23 33.96	− 2 26.1	2.033	2.852	13.4	19.9

130401 2000 NX_{18} 9 22.2 104.°77 4.°5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.75	+11 41.6	1.441	2.271	18.4	19.4
8 29	0 20.77	+11 58.2	1.381	2.284	14.6	19.2
9 8	0 12.24	+11 52.3	1.340	2.298	10.3	19.0
9 18	0 2.03	+11 24.6	1.323	2.311	6.1	18.8
9 28	23 51.41	+10 39.5	1.332	2.324	4.7	18.8
10 8	23 41.73	+ 9 44.6	1.367	2.336	7.8	19.0
10 18	23 34.11	+ 8 48.5	1.427	2.348	11.9	19.2
10 28	23 29.30	+ 7 59.5	1.509	2.360	15.6	19.5

512679 2016 TD_{85} 9 22.2 87.°52 3.°3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.42	− 7 7.4	1.863	2.743	12.7	20.6
8 29	0 15.59	− 8 0.6	1.802	2.746	9.3	20.4
9 8	0 8.91	− 8 58.4	1.765	2.748	5.7	20.2
9 18	0 1.01	− 9 54.5	1.754	2.750	3.4	20.0
9 28	23 52.81	−10 42.1	1.770	2.753	5.1	20.2
10 8	23 45.26	−11 15.8	1.814	2.755	8.6	20.4
10 18	23 39.16	−11 32.4	1.882	2.757	12.0	20.6
10 28	23 35.12	−11 30.5	1.972	2.760	14.9	20.8

58392 1995 UT_{10} 9 22.2 101.°33 0.°0/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.39	+ 0 37.4	2.095	2.949	12.5	19.9
8 29	0 16.86	+ 0 30.5	2.026	2.954	9.3	19.7
9 8	0 9.60	+ 0 14.9	1.980	2.959	5.6	19.5
9 18	0 1.22	− 0 6.3	1.961	2.964	1.7	19.2
9 28	23 52.53	− 0 29.1	1.971	2.968	2.3	19.3
10 8	23 44.43	− 0 49.2	2.010	2.973	6.2	19.6
10 18	23 37.66	− 1 2.8	2.075	2.977	9.7	19.8
10 28	23 32.81	− 1 7.1	2.164	2.982	12.7	20.0

405268 2003 SW_{325} 9 22.2 5.°67 2.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.43	+ 7 46.8	1.766	2.616	14.7	20.9
8 29	0 12.80	+ 7 34.3	1.696	2.616	11.3	20.7
9 8	0 7.31	+ 7 5.0	1.648	2.618	7.5	20.5
9 18	0 0.56	+ 6 21.4	1.623	2.620	3.6	20.3
9 28	23 53.43	+ 5 28.5	1.626	2.623	2.7	20.2
10 8	23 46.90	+ 4 33.0	1.655	2.626	6.4	20.5
10 18	23 41.77	+ 3 41.3	1.709	2.631	10.2	20.7
10 28	23 38.69	+ 2 59.4	1.786	2.636	13.6	20.9

118702 2000 OM_{67} 9 22.2 11.°39 0.°3/29.2 08 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	23 59.88	+16 50.3	45.232	45.977	0.9	23.5
8 29	23 59.27	+16 49.3	45.149	45.988	0.7	23.5
9 8	23 58.60	+16 47.3	45.090	45.998	0.5	23.5
9 18	23 57.89	+16 44.4	45.057	46.009	0.4	23.5
9 28	23 57.17	+16 40.9	45.053	46.019	0.3	23.5
10 8	23 56.47	+16 36.7	45.078	46.030	0.4	23.5
10 18	23 55.81	+16 32.2	45.131	46.040	0.5	23.5
10 28	23 55.22	+16 27.4	45.211	46.051	0.7	23.5

181694 1049 $T\text{-}3$ 9 22.2 334.°00 1.°6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.09	+ 2 35.1	1.647	2.504	15.2	19.8
8 29	0 19.49	+ 3 8.8	1.567	2.494	11.6	19.6
9 8	0 11.52	+ 3 32.5	1.509	2.484	7.5	19.3
9 18	0 1.87	+ 3 47.4	1.475	2.475	3.0	19.0
9 28	23 51.59	+ 3 55.9	1.469	2.466	2.8	19.0
10 8	23 41.92	+ 4 1.8	1.489	2.458	7.3	19.3
10 18	23 33.94	+ 4 9.3	1.536	2.451	11.6	19.5
10 28	23 28.46	+ 4 22.2	1.604	2.444	15.4	19.7

141665 2002 JG_{89} 9 22.2 39.°99 3.°1/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.92	+ 9 24.8	1.079	1.949	20.6	19.9
8 29	0 16.10	+ 9 4.6	1.036	1.966	15.8	19.7
9 8	0 9.54	+ 8 17.3	1.010	1.983	10.5	19.5
9 18	0 1.23	+ 7 7.5	1.005	2.002	5.1	19.2
9 28	23 52.61	+ 5 44.6	1.023	2.021	3.7	19.2
10 8	23 45.17	+ 4 20.9	1.066	2.041	8.4	19.6
10 18	23 40.01	+ 3 7.1	1.130	2.062	13.3	19.9
10 28	23 37.82	+ 2 11.3	1.215	2.083	17.5	20.2

513146 2003 BZ_{70} 9 22.2 280.°20 2.°7/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.47	− 3 6.7	1.624	2.504	14.3	21.9
8 29	0 16.19	− 4 11.3	1.536	2.480	10.6	21.6
9 8	0 9.60	− 5 28.6	1.471	2.457	6.4	21.3
9 18	0 1.32	− 6 51.7	1.432	2.432	2.8	21.0
9 28	23 52.32	− 8 11.6	1.419	2.408	5.0	21.1
10 8	23 43.79	− 9 19.1	1.433	2.383	9.6	21.3
10 18	23 36.81	−10 7.4	1.471	2.359	13.9	21.5
10 28	23 32.25	−10 32.8	1.529	2.334	17.7	21.7

271627 2004 PC_{64} 9 22.2 332.°31 4.°3/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.07	− 7 27.6	1.519	2.410	14.4	20.1
8 29	0 15.75	− 8 38.9	1.459	2.408	10.6	19.9
9 8	0 9.20	− 9 56.5	1.421	2.405	6.6	19.7
9 18	0 1.14	−11 12.0	1.408	2.403	4.3	19.5
9 28	23 52.66	−12 16.0	1.420	2.401	6.5	19.7
10 8	23 44.92	−13 1.1	1.459	2.399	10.4	19.9
10 18	23 38.92	−13 23.2	1.520	2.397	14.2	20.1
10 28	23 35.34	−13 21.5	1.601	2.395	17.5	20.3

356265 2009 VQ_{26} 9 22.2 294.°15 0.°7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.91	− 2 38.0	4.255	5.109	6.7	21.1
8 29	0 9.20	− 2 56.7	4.172	5.103	4.9	21.0
9 8	0 4.72	− 3 18.8	4.116	5.098	2.9	20.8
9 18	23 59.74	− 3 42.3	4.089	5.092	0.9	20.6
9 28	23 54.60	− 4 5.1	4.093	5.086	1.7	20.7
10 8	23 49.68	− 4 24.9	4.126	5.080	3.7	20.9
10 18	23 45.31	− 4 40.0	4.188	5.074	5.7	21.0
10 28	23 41.79	− 4 48.9	4.276	5.069	7.4	21.1

390329 2013 BZ_{61} 9 22.2 304.°19 0.°3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.16	− 0 9.5	4.123	4.973	7.0	21.3
8 29	0 8.69	− 0 33.4	4.040	4.968	5.1	21.1
9 8	0 4.43	− 1 1.8	3.983	4.962	3.0	21.0
9 18	23 59.65	− 1 33.0	3.955	4.957	0.9	20.8
9 28	23 54.72	− 2 4.4	3.956	4.952	1.5	20.9
10 8	23 50.00	− 2 33.7	3.988	4.947	3.6	21.0
10 18	23 45.84	− 2 58.8	4.048	4.942	5.7	21.2
10 28	23 42.55	− 3 17.6	4.135	4.937	7.4	21.3

217509 2006 TG_{109} 9 22.2 58.°00 4.°4/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.70	−10 36.6	1.893	2.776	12.4	20.1
8 29	0 15.76	−11 30.6	1.837	2.780	9.1	20.0
9 8	0 8.99	−12 25.8	1.805	2.785	6.0	19.8
9 18	0 1.04	−13 15.7	1.799	2.789	4.4	19.7
9 28	23 52.83	−13 53.8	1.820	2.794	6.1	19.8
10 8	23 45.30	−14 15.6	1.868	2.798	9.2	20.0
10 18	23 39.23	−14 18.7	1.940	2.803	12.3	20.2
10 28	23 35.20	−14 3.0	2.034	2.808	15.0	20.4

147276 2002 YZ_{29} 9 22.2 236.°47 0.°4/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.49	+ 1 7.2	1.848	2.707	13.7	20.9
8 29	0 17.33	+ 0 33.5	1.765	2.697	10.3	20.6
9 8	0 10.10	− 0 12.5	1.705	2.685	6.2	20.4
9 18	0 1.43	− 1 6.5	1.670	2.673	1.8	20.1
9 28	23 52.23	− 2 2.5	1.664	2.661	2.9	20.1
10 8	23 43.55	− 2 53.8	1.686	2.648	7.4	20.4
10 18	23 36.33	− 3 34.6	1.734	2.634	11.4	20.6
10 28	23 31.28	− 4 0.7	1.804	2.620	15.0	20.8

381753 2009 ST_{142} 9 22.2 26.°21 1.°1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.34	− 2 30.2	1.349	2.228	16.7	20.7
8 29	0 20.59	− 2 28.9	1.290	2.231	12.4	20.4
9 8	0 12.20	− 2 36.2	1.251	2.235	7.4	20.2
9 18	0 2.05	− 2 47.8	1.236	2.239	2.2	19.9
9 28	23 51.46	− 2 57.8	1.247	2.243	3.7	20.0
10 8	23 41.84	− 3 0.9	1.284	2.248	8.9	20.3
10 18	23 34.33	− 2 53.2	1.344	2.253	13.5	20.6
10 28	23 29.70	− 2 32.3	1.426	2.259	17.4	20.9

60878 2000 HW_{89} 9 22.2 290.°38 1.°1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.79	− 0 2.4	1.268	2.151	17.3	19.1
8 29	0 18.26	− 0 36.1	1.200	2.143	12.9	18.8
9 8	0 10.98	− 1 25.1	1.151	2.136	7.7	18.5
9 18	0 1.74	− 2 23.2	1.126	2.129	2.3	18.2
9 28	23 51.84	− 3 21.7	1.125	2.122	4.0	18.3
10 8	23 42.74	− 4 11.2	1.150	2.114	9.6	18.6
10 18	23 35.72	− 4 44.6	1.197	2.107	14.6	18.8
10 28	23 31.66	− 4 57.6	1.264	2.101	18.9	19.1

362298 2009 SJ_{273} 9 22.2 44.°06 0.°6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.65	+ 0 8.6	1.941	2.808	12.9	20.5
8 29	0 14.17	− 0 22.9	1.884	2.819	9.5	20.4
9 8	0 7.99	− 1 4.0	1.849	2.831	5.6	20.1
9 18	0 0.75	− 1 50.2	1.841	2.844	1.6	19.9
9 28	23 53.28	− 2 36.1	1.860	2.856	2.7	20.0
10 8	23 46.44	− 3 16.1	1.907	2.869	6.6	20.3
10 18	23 40.96	− 3 46.0	1.980	2.882	10.2	20.5
10 28	23 37.37	− 4 2.7	2.076	2.896	13.2	20.8

190681 2001 CW_{23} 9 22.2 249.°06 0.°6/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 11.22	− 1 57.7	4.530	5.384	6.3	20.1
8 29	0 7.95	− 2 29.8	4.448	5.380	4.6	20.0
9 8	0 3.97	− 3 5.6	4.394	5.375	2.7	19.9
9 18	23 59.53	− 3 43.1	4.368	5.370	0.9	19.7
9 28	23 54.95	− 4 19.9	4.373	5.365	1.6	19.8
10 8	23 50.57	− 4 53.8	4.407	5.361	3.5	19.9
10 18	23 46.68	− 5 22.7	4.471	5.356	5.4	20.0
10 28	23 43.58	− 5 45.0	4.560	5.351	7.0	20.2

359610 2010 XG_{39} 9 22.2 295.°58 1.°8/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.80	+10 22.8	4.209	5.012	7.7	21.0
8 29	0 9.20	+10 17.6	4.107	4.997	6.1	20.8
9 8	0 4.77	+10 4.3	4.030	4.982	4.2	20.7
9 18	23 59.78	+ 9 43.6	3.981	4.967	2.5	20.6
9 28	23 54.59	+ 9 17.2	3.961	4.952	1.9	20.5
10 8	23 49.59	+ 8 47.3	3.971	4.938	3.3	20.6
10 18	23 45.12	+ 8 16.4	4.010	4.923	5.2	20.7
10 28	23 41.53	+ 7 47.1	4.076	4.908	7.0	20.8

168709 2000 HS_{34} 9 22.2 223.°18 3.°0/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.62	− 7 56.5	2.127	2.999	11.7	20.3
8 29	0 17.09	− 8 32.3	2.054	2.993	8.6	20.1
9 8	0 9.79	− 9 11.1	2.006	2.987	5.3	19.9
9 18	0 1.32	− 9 48.1	1.985	2.981	3.1	19.8
9 28	23 52.49	−10 17.8	1.992	2.975	4.6	19.9
10 8	23 44.20	−10 35.9	2.028	2.968	7.9	20.1
10 18	23 37.24	−10 39.7	2.089	2.961	11.1	20.2
10 28	23 32.20	−10 28.0	2.173	2.954	13.9	20.4

282971 2007 SP_{23} 9 22.2 38.°47 3.°9/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.61	+10 5.8	1.395	2.242	18.0	20.2
8 29	0 16.94	+10 18.4	1.343	2.258	14.1	20.0
9 8	0 9.90	+10 9.4	1.310	2.275	9.7	19.8
9 18	0 1.36	+ 9 40.7	1.300	2.292	5.4	19.6
9 28	23 52.49	+ 8 57.2	1.316	2.310	4.1	19.6
10 8	23 44.56	+ 8 6.8	1.356	2.328	7.4	19.8
10 18	23 38.57	+ 7 17.4	1.421	2.347	11.5	20.1
10 28	23 35.17	+ 6 36.3	1.508	2.367	15.2	20.4

34113 2000 PL_{25} 9 22.2 191.°96 3.°1/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.14	− 3 32.4	1.453	2.337	15.4	18.9
8 29	0 17.38	− 4 45.8	1.391	2.336	11.3	18.7
9 8	0 10.24	− 6 10.5	1.350	2.336	6.7	18.4
9 18	0 1.49	− 7 38.0	1.334	2.335	3.2	18.2
9 28	23 52.27	− 8 58.3	1.345	2.333	5.5	18.3
10 8	23 43.84	−10 2.2	1.382	2.332	9.9	18.6
10 18	23 37.26	−10 44.1	1.442	2.330	14.2	18.8
10 28	23 33.26	−11 1.6	1.523	2.328	17.8	19.1

323318 2003 UE_{115} 9 22.2 215.°42 2.°0/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.92	− 5 30.1	2.459	3.328	10.4	20.7
8 29	0 14.13	− 6 3.5	2.389	3.327	7.6	20.5
9 8	0 7.90	− 6 41.1	2.343	3.325	4.6	20.4
9 18	0 0.73	− 7 18.9	2.324	3.324	2.1	20.2
9 28	23 53.31	− 7 52.4	2.335	3.322	3.5	20.3
10 8	23 46.33	− 8 17.7	2.374	3.321	6.5	20.5
10 18	23 40.44	− 8 31.9	2.440	3.319	9.4	20.7
10 28	23 36.13	− 8 33.3	2.530	3.318	12.0	20.8

402005 2003 QV_{34} 9 22.2 46.°02 3.°8/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.47	+10 44.7	1.959	2.779	14.6	19.7
8 29	0 17.04	+11 11.2	1.895	2.793	11.5	19.5
9 8	0 9.77	+11 21.7	1.854	2.808	8.1	19.4
9 18	0 1.31	+11 16.9	1.837	2.823	4.9	19.2
9 28	23 52.54	+10 59.4	1.848	2.838	3.9	19.2
10 8	23 44.43	+10 33.5	1.887	2.854	6.2	19.3
10 18	23 37.77	+10 4.7	1.952	2.869	9.4	19.6
10 28	23 33.17	+ 9 38.4	2.041	2.885	12.4	19.8

89717 2001 YE_{116} 9 22.2 141.°93 5.°2/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.23	−15 3.7	2.337	3.217	10.5	19.5
8 29	0 14.40	−16 16.3	2.285	3.222	8.0	19.4
9 8	0 8.07	−17 27.0	2.258	3.227	5.8	19.3
9 18	0 0.78	−18 29.3	2.259	3.233	5.3	19.3
9 28	23 53.27	−19 17.6	2.287	3.237	6.7	19.4
10 8	23 46.30	−19 48.0	2.343	3.242	9.1	19.5
10 18	23 40.53	−19 58.9	2.422	3.246	11.5	19.7
10 28	23 36.46	−19 50.6	2.523	3.250	13.6	19.9

273579 2007 CS_{21} 9 22.2 234.°67 0.°3/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.26	+ 3 39.2	1.801	2.656	14.2	21.6
8 29	0 16.46	+ 2 58.9	1.718	2.646	10.7	21.4
9 8	0 9.61	+ 2 3.3	1.658	2.637	6.6	21.1
9 18	0 1.31	+ 0 56.5	1.624	2.626	2.1	20.8
9 28	23 52.49	− 0 15.0	1.618	2.615	2.6	20.8
10 8	23 44.20	− 1 23.4	1.639	2.604	7.2	21.1
10 18	23 37.37	− 2 22.0	1.686	2.592	11.4	21.3
10 28	23 32.73	− 3 5.3	1.757	2.580	15.0	21.5

509408 2007 DU_{82} 9 22.2 150.°64 0.°3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.96	− 0 40.4	2.832	3.675	10.0	21.6
8 29	0 16.86	− 0 46.2	2.760	3.683	7.4	21.5
9 8	0 9.44	− 0 57.5	2.713	3.691	4.4	21.3
9 18	0 1.18	− 1 12.1	2.696	3.698	1.3	21.1
9 28	23 52.72	− 1 27.1	2.709	3.705	2.0	21.1
10 8	23 44.70	− 1 39.4	2.753	3.711	5.0	21.4
10 18	23 37.71	− 1 46.6	2.825	3.717	7.8	21.6
10 28	23 32.21	− 1 46.7	2.923	3.723	10.3	21.7

271010 2002 YE_6 9 22.2 280.°37 5.°8/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.21	−11 11.5	1.547	2.437	14.2	20.7
8 29	0 17.53	−12 24.2	1.473	2.420	10.7	20.4
9 8	0 10.42	−13 40.8	1.422	2.402	7.3	20.2
9 18	0 1.58	−14 52.1	1.396	2.384	5.8	20.1
9 28	23 52.11	−15 48.4	1.396	2.366	7.9	20.2
10 8	23 43.26	−16 22.3	1.420	2.348	11.7	20.3
10 18	23 36.16	−16 30.2	1.467	2.329	15.5	20.5
10 28	23 31.64	−16 11.9	1.533	2.311	18.9	20.7

123856 2001 CD_{39} 9 22.2 210.°61 5.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.06	−17 43.3	2.582	3.458	9.7	20.0
8 29	0 14.24	−18 54.5	2.522	3.453	7.6	19.8
9 8	0 7.97	−20 2.5	2.487	3.448	5.9	19.7
9 18	0 0.77	−21 1.5	2.480	3.443	5.6	19.7
9 28	23 53.30	−21 46.1	2.501	3.437	7.0	19.8
10 8	23 46.28	−22 12.9	2.548	3.431	9.1	19.9
10 18	23 40.35	−22 20.4	2.620	3.425	11.2	20.1
10 28	23 36.00	−22 8.9	2.712	3.419	13.2	20.2

37270 2000 XP_{32} 9 22.2 111.°79 2.°7/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.10	+ 9 35.2	2.443	3.256	12.3	18.8
8 29	0 16.46	+ 9 44.2	2.372	3.269	9.6	18.7
9 8	0 9.30	+ 9 40.3	2.325	3.281	6.6	18.5
9 18	0 1.16	+ 9 24.7	2.305	3.294	3.7	18.3
9 28	23 52.77	+ 9 0.0	2.313	3.306	2.9	18.3
10 8	23 44.89	+ 8 30.2	2.351	3.317	5.2	18.5
10 18	23 38.19	+ 7 59.5	2.417	3.329	8.1	18.7
10 28	23 33.17	+ 7 32.2	2.508	3.340	10.8	18.9

449889 2015 MX_{97} 9 22.2 55.°17 4.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.12	+12 10.6	1.617	2.444	16.9	20.6
8 29	0 16.96	+12 11.1	1.568	2.470	13.3	20.4
9 8	0 9.76	+11 50.5	1.540	2.496	9.3	20.2
9 18	0 1.30	+11 10.7	1.535	2.522	5.5	20.1
9 28	23 52.65	+10 16.7	1.557	2.548	4.1	20.1
10 8	23 44.88	+ 9 16.0	1.605	2.575	6.8	20.3
10 18	23 38.86	+ 8 16.2	1.679	2.601	10.3	20.6
10 28	23 35.15	+ 7 24.1	1.776	2.628	13.6	20.8

476099 2007 TO_{123} 9 22.2 328.°19 0.°9/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.77	+ 0 12.2	1.487	2.368	15.3	21.0
8 29	0 14.24	− 0 23.5	1.410	2.353	11.4	20.7
9 8	0 8.43	− 1 13.2	1.355	2.340	6.8	20.4
9 18	0 1.00	− 2 11.6	1.324	2.327	2.0	20.1
9 28	23 52.98	− 3 11.1	1.318	2.314	3.6	20.2
10 8	23 45.55	− 4 3.4	1.338	2.303	8.5	20.4
10 18	23 39.78	− 4 41.8	1.382	2.292	13.1	20.7
10 28	23 36.46	− 5 1.7	1.446	2.282	17.0	20.9

289068 2004 TG_{209} 9 22.2 158.°61 0.°9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.99	+ 6 2.5	2.408	3.247	11.6	20.7
8 29	0 12.76	+ 5 19.7	2.331	3.249	8.8	20.5
9 8	0 7.11	+ 4 24.0	2.279	3.252	5.5	20.3
9 18	0 0.53	+ 3 18.7	2.254	3.254	2.1	20.1
9 28	23 53.67	+ 2 8.7	2.258	3.256	1.9	20.1
10 8	23 47.26	+ 0 59.7	2.291	3.257	5.3	20.3
10 18	23 41.90	− 0 3.1	2.352	3.259	8.5	20.5
10 28	23 38.11	− 0 55.2	2.438	3.261	11.3	20.7

294172 2007 TA_{387} 9 22.2 19.°67 3.°8/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.48	+13 46.3	1.480	2.317	17.7	19.9
8 29	0 12.43	+13 7.9	1.414	2.322	14.0	19.7
9 8	0 7.24	+12 2.0	1.367	2.327	9.8	19.5
9 18	0 0.61	+10 31.9	1.344	2.333	5.6	19.2
9 28	23 53.58	+ 8 45.0	1.346	2.340	3.9	19.2
10 8	23 47.29	+ 6 52.1	1.374	2.348	7.1	19.4
10 18	23 42.65	+ 5 4.6	1.427	2.356	11.2	19.6
10 28	23 40.34	+ 3 31.9	1.503	2.365	15.0	19.9

333557 2005 VX_{128} 9 22.2 86.°79 0.°1/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.55	+ 3 49.8	1.553	2.418	15.6	20.3
8 29	0 15.33	+ 2 54.6	1.487	2.421	11.6	20.1
9 8	0 8.94	+ 1 41.8	1.443	2.424	7.1	19.8
9 18	0 1.12	+ 0 17.4	1.424	2.427	2.1	19.5
9 28	23 52.89	− 1 10.2	1.432	2.430	2.9	19.6
10 8	23 45.37	− 2 31.5	1.467	2.433	7.8	19.9
10 18	23 39.53	− 3 38.8	1.527	2.436	12.1	20.2
10 28	23 36.03	− 4 27.0	1.608	2.438	15.8	20.4

181254 2005 UJ_{288} 9 22.2 286.°99 1.°8/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.46	− 5 16.3	3.005	3.872	8.8	20.9
8 29	0 11.44	− 5 54.2	2.920	3.858	6.4	20.7
9 8	0 6.25	− 6 36.3	2.861	3.844	3.8	20.6
9 18	0 0.28	− 7 19.1	2.830	3.830	1.8	20.4
9 28	23 54.04	− 7 58.7	2.829	3.815	3.1	20.5
10 8	23 48.09	− 8 31.6	2.856	3.801	5.6	20.6
10 18	23 42.95	− 8 55.1	2.911	3.787	8.2	20.8
10 28	23 39.06	− 9 7.2	2.990	3.773	10.5	20.9

383111 2005 SW_{224} 9 22.2 323.°16 2.°2/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.99	− 2 16.5	1.274	2.167	16.5	20.4
8 29	0 15.51	− 2 55.6	1.200	2.150	12.3	20.1
9 8	0 9.39	− 3 47.9	1.146	2.133	7.4	19.8
9 18	0 1.34	− 4 46.9	1.115	2.117	2.6	19.4
9 28	23 52.55	− 5 43.5	1.108	2.102	4.8	19.5
10 8	23 44.43	− 6 28.3	1.126	2.088	10.1	19.8
10 18	23 38.25	− 6 54.4	1.165	2.074	15.1	20.1
10 28	23 34.91	− 6 58.2	1.224	2.062	19.3	20.3

424072 2007 DF_{16} 9 22.2 314.°50 3.°6/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.20	− 5 52.5	1.510	2.398	14.7	20.8
8 29	0 16.63	− 6 53.7	1.448	2.395	10.8	20.6
9 8	0 9.77	− 8 2.7	1.408	2.393	6.6	20.3
9 18	0 1.38	− 9 11.6	1.393	2.391	3.6	20.2
9 28	23 52.56	−10 11.5	1.405	2.390	5.7	20.3
10 8	23 44.49	−10 54.8	1.441	2.388	9.9	20.5
10 18	23 38.18	−11 17.3	1.501	2.386	13.9	20.8
10 28	23 34.35	−11 17.5	1.582	2.385	17.3	21.0

412871 2014 QB_{10} 9 22.2 296.°55 3.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.66	+13 7.5	2.173	2.988	13.5	20.1
8 29	0 12.13	+12 29.8	2.071	2.967	10.8	19.9
9 8	0 6.93	+11 31.5	1.991	2.946	7.6	19.7
9 18	0 0.54	+10 14.3	1.937	2.925	4.4	19.5
9 28	23 53.66	+ 8 42.7	1.910	2.904	3.1	19.3
10 8	23 47.14	+ 7 3.8	1.912	2.883	5.8	19.5
10 18	23 41.73	+ 5 25.2	1.942	2.862	9.3	19.6
10 28	23 38.07	+ 3 54.9	1.996	2.841	12.6	19.8

221723 2007 EH_{43} 9 22.2 182.°58 0.°2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.66	+ 2 39.1	2.519	3.369	10.8	20.6
8 29	0 12.47	+ 1 43.7	2.443	3.370	8.0	20.4
9 8	0 6.93	+ 0 37.6	2.391	3.370	4.8	20.2
9 18	0 0.49	− 0 35.1	2.367	3.369	1.4	20.0
9 28	23 53.78	− 1 49.3	2.373	3.369	2.2	20.1
10 8	23 47.49	− 2 59.4	2.408	3.368	5.5	20.3
10 18	23 42.19	− 4 0.6	2.471	3.367	8.6	20.5
10 28	23 38.38	− 4 49.2	2.559	3.366	11.3	20.7

237974 2002 RD_{225} 9 22.2 58.°14 2.°3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.49	+ 8 35.0	1.577	2.423	16.4	20.1
8 29	0 16.50	+ 8 11.3	1.531	2.449	12.5	19.9
9 8	0 9.48	+ 7 28.6	1.506	2.475	8.2	19.7
9 18	0 1.24	+ 6 30.8	1.506	2.502	3.8	19.5
9 28	23 52.84	+ 5 24.4	1.532	2.529	2.9	19.5
10 8	23 45.34	+ 4 17.6	1.585	2.556	6.7	19.8
10 18	23 39.58	+ 3 17.5	1.663	2.582	10.6	20.1
10 28	23 36.12	+ 2 29.9	1.765	2.609	14.0	20.4

214870 2007 PE_{17} 9 22.2 342.°24 2.°1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.82	− 4 21.3	0.994	1.897	19.2	19.2
8 29	0 19.65	− 4 14.6	0.932	1.886	14.3	18.8
9 8	0 12.14	− 4 15.9	0.888	1.876	8.7	18.5
9 18	0 2.19	− 4 19.8	0.865	1.868	2.9	18.1
9 28	23 51.43	− 4 19.1	0.865	1.861	5.0	18.3
10 8	23 41.69	− 4 7.3	0.886	1.855	11.0	18.6
10 18	23 34.54	− 3 40.4	0.929	1.850	16.6	18.9
10 28	23 30.97	− 2 56.8	0.988	1.847	21.3	19.1

92923 2000 RB_{21} 9 22.2 16.°21 2.°9/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.36	+ 8 44.0	1.225	2.092	18.8	18.8
8 29	0 14.15	+ 8 30.1	1.167	2.097	14.5	18.6
9 8	0 8.43	+ 7 52.0	1.129	2.102	9.7	18.3
9 18	0 1.01	+ 6 53.2	1.112	2.109	4.7	18.1
9 28	23 53.14	+ 5 41.3	1.120	2.117	3.5	18.0
10 8	23 46.15	+ 4 26.5	1.151	2.126	8.0	18.3
10 18	23 41.15	+ 3 19.0	1.206	2.136	12.7	18.6
10 28	23 38.87	+ 2 26.6	1.281	2.147	16.9	18.9

523420 2017 EP_4 9 22.2 237.°42 2.°5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.84	+11 58.1	2.753	3.559	11.2	21.7
8 29	0 12.60	+11 32.2	2.657	3.548	8.9	21.5
9 8	0 7.03	+10 51.7	2.584	3.536	6.2	21.3
9 18	0 0.55	+ 9 58.0	2.537	3.525	3.6	21.1
9 28	23 53.73	+ 8 54.4	2.520	3.513	2.6	21.0
10 8	23 47.23	+ 7 45.7	2.532	3.500	4.8	21.1
10 18	23 41.64	+ 6 37.0	2.573	3.488	7.6	21.3
10 28	23 37.47	+ 5 33.4	2.640	3.475	10.2	21.5

115758 2003 UH_{206} 9 22.2 100.°26 4.°3/26.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.57	+12 56.5	1.491	2.320	18.0	19.5
8 29	0 17.68	+12 49.0	1.427	2.329	14.3	19.3
9 8	0 10.43	+12 17.1	1.382	2.339	10.1	19.1
9 18	0 1.60	+11 22.4	1.360	2.348	6.0	18.9
9 28	23 52.34	+10 10.3	1.364	2.357	4.4	18.8
10 8	23 43.91	+ 8 49.8	1.394	2.365	7.4	19.0
10 18	23 37.33	+ 7 30.6	1.450	2.374	11.5	19.3
10 28	23 33.34	+ 6 21.3	1.527	2.382	15.3	19.5

326780 2003 SJ_{225} 9 22.2 346.°42 0.°3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.61	+ 0 16.1	1.829	2.698	13.4	20.2
8 29	0 14.42	+ 0 3.7	1.755	2.691	10.0	20.0
9 8	0 8.34	− 0 18.6	1.703	2.684	6.0	19.8
9 18	0 0.97	− 0 47.4	1.676	2.679	1.8	19.5
9 28	23 53.18	− 1 17.6	1.676	2.673	2.7	19.5
10 8	23 45.93	− 1 43.9	1.704	2.669	6.9	19.8
10 18	23 40.08	− 2 1.8	1.756	2.665	10.8	20.0
10 28	23 36.27	− 2 8.0	1.831	2.662	14.2	20.2

399189 2014 GS_5 9 22.2 138.°09 3.°4/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.47	− 8 36.8	1.903	2.779	12.7	21.3
8 29	0 17.85	− 9 9.2	1.840	2.781	9.3	21.1
9 8	0 10.31	− 9 43.9	1.800	2.782	5.8	20.9
9 18	0 1.53	−10 15.6	1.787	2.783	3.5	20.7
9 28	23 52.44	−10 38.6	1.802	2.784	5.1	20.8
10 8	23 44.03	−10 48.6	1.844	2.785	8.5	21.0
10 18	23 37.12	−10 43.3	1.911	2.786	11.8	21.2
10 28	23 32.33	−10 22.1	2.000	2.787	14.8	21.5

361905 2008 GE_{38} 9 22.2 114.°90 0.°8/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.89	− 0 12.8	2.375	3.233	11.1	21.7
8 29	0 14.10	− 0 53.2	2.312	3.244	8.2	21.5
9 8	0 7.90	− 1 41.6	2.274	3.255	4.8	21.4
9 18	0 0.79	− 2 34.1	2.263	3.266	1.4	21.1
9 28	23 53.47	− 3 25.7	2.282	3.277	2.5	21.2
10 8	23 46.67	− 4 11.6	2.329	3.287	5.9	21.5
10 18	23 40.99	− 4 48.1	2.404	3.297	9.0	21.7
10 28	23 36.92	− 5 12.3	2.503	3.307	11.6	21.9

333261 2012 JF_{19} 9 22.2 26.°12 4.°8/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.36	− 8 40.9	1.208	2.106	16.8	20.0
8 29	0 18.55	− 9 26.1	1.160	2.112	12.4	19.8
9 8	0 11.04	−10 14.9	1.132	2.118	7.8	19.6
9 18	0 1.79	−10 58.8	1.128	2.124	4.8	19.4
9 28	23 52.18	−11 28.5	1.148	2.132	7.0	19.6
10 8	23 43.67	−11 38.0	1.192	2.140	11.3	19.8
10 18	23 37.38	−11 25.0	1.257	2.148	15.6	20.1
10 28	23 34.02	−10 50.0	1.341	2.157	19.2	20.4

319958 2007 BD_{65} 9 22.2 167.°49 0.°6/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.31	+ 0 17.3	2.514	3.369	10.7	22.1
8 29	0 13.68	− 0 22.9	2.441	3.371	7.9	21.9
9 8	0 7.65	− 1 11.3	2.393	3.374	4.7	21.7
9 18	0 0.73	− 2 4.4	2.373	3.376	1.3	21.5
9 28	23 53.56	− 2 57.5	2.382	3.377	2.4	21.6
10 8	23 46.82	− 3 45.9	2.421	3.379	5.7	21.8
10 18	23 41.11	− 4 25.5	2.487	3.380	8.7	22.0
10 28	23 36.94	− 4 53.6	2.577	3.381	11.3	22.2

222240 2000 HB_{84} 9 22.2 298.°34 11.°3/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.05	−36 24.5	2.283	3.111	12.5	19.1
8 29	0 21.58	−37 45.6	2.211	3.072	11.6	19.0
9 8	0 12.79	−38 51.2	2.162	3.033	11.4	18.9
9 18	0 2.35	−39 32.8	2.136	2.993	11.9	18.9
9 28	23 51.30	−39 43.4	2.133	2.953	13.2	18.9
10 8	23 40.82	−39 20.4	2.151	2.913	14.8	18.9
10 18	23 31.99	−38 25.0	2.188	2.872	16.6	19.0
10 28	23 25.58	−37 0.8	2.241	2.831	18.3	19.1

356923 2012 CP_{51} 9 22.2 102.°86 1.°3/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.70	− 1 13.4	2.395	3.259	10.8	20.8
8 29	0 12.51	− 2 15.1	2.332	3.268	7.9	20.7
9 8	0 6.96	− 3 24.9	2.294	3.277	4.6	20.5
9 18	0 0.52	− 4 37.8	2.283	3.285	1.6	20.3
9 28	23 53.87	− 5 48.1	2.302	3.294	3.0	20.4
10 8	23 47.69	− 6 50.5	2.350	3.302	6.2	20.6
10 18	23 42.58	− 7 40.9	2.425	3.311	9.2	20.8
10 28	23 39.01	− 8 16.4	2.523	3.319	11.8	21.0

92013 1999 VV_{159} 9 22.2 127.°94 3.°9/18.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.89	−12 10.3	2.260	3.131	11.1	19.4
8 29	0 17.87	−12 36.1	2.198	3.134	8.3	19.3
9 8	0 10.20	−13 0.8	2.161	3.137	5.5	19.1
9 18	0 1.49	−13 19.9	2.151	3.140	3.9	19.0
9 28	23 52.56	−13 28.8	2.170	3.143	5.3	19.1
10 8	23 44.24	−13 24.7	2.217	3.146	8.0	19.3
10 18	23 37.24	−13 6.2	2.291	3.149	10.8	19.5
10 28	23 32.12	−12 33.6	2.386	3.151	13.3	19.7

317540 2002 TR_{356} 9 22.2 60.°12 1.°1/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.43	+ 4 13.1	1.252	2.120	18.4	20.4
8 29	0 19.80	+ 3 59.1	1.211	2.144	13.8	20.2
9 8	0 11.64	+ 3 27.6	1.189	2.168	8.5	19.9
9 18	0 1.93	+ 2 43.4	1.191	2.192	3.1	19.7
9 28	23 52.05	+ 1 53.9	1.218	2.216	3.0	19.8
10 8	23 43.36	+ 1 7.5	1.270	2.241	8.1	20.1
10 18	23 36.90	+ 0 31.2	1.347	2.265	12.7	20.5
10 28	23 33.27	+ 0 9.6	1.444	2.289	16.5	20.8

376178 2011 CL_{27} 9 22.2 188.°99 1.°6/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.52	− 1 33.3	1.822	2.689	13.6	21.3
8 29	0 17.29	− 2 22.9	1.752	2.688	10.0	21.1
9 8	0 10.06	− 3 22.8	1.705	2.688	5.9	20.9
9 18	0 1.50	− 4 27.2	1.684	2.686	2.0	20.6
9 28	23 52.53	− 5 29.3	1.692	2.684	3.7	20.7
10 8	23 44.19	− 6 22.1	1.727	2.682	7.8	21.0
10 18	23 37.36	− 7 0.6	1.788	2.679	11.7	21.2
10 28	23 32.70	− 7 21.7	1.871	2.676	15.0	21.4

308345 2005 QO_{26} 9 22.2 27.°50 1.°7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.24	− 3 34.7	1.855	2.728	13.1	19.9
8 29	0 16.24	− 3 58.1	1.791	2.731	9.6	19.7
9 8	0 9.36	− 4 28.1	1.751	2.735	5.7	19.5
9 18	0 1.27	− 5 0.2	1.737	2.739	2.1	19.2
9 28	23 52.86	− 5 28.9	1.750	2.743	3.6	19.3
10 8	23 45.11	− 5 49.3	1.791	2.747	7.5	19.6
10 18	23 38.83	− 5 58.0	1.857	2.752	11.1	19.8
10 28	23 34.62	− 5 53.0	1.945	2.757	14.2	20.1

294957 2008 DT_{83} 9 22.2 89.°46 1.°3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.78	− 1 56.1	2.065	2.932	12.2	21.3
8 29	0 15.00	− 2 31.6	1.999	2.936	8.9	21.1
9 8	0 8.56	− 3 15.0	1.957	2.940	5.3	20.9
9 18	0 1.03	− 4 1.7	1.942	2.944	1.7	20.7
9 28	23 53.21	− 4 46.3	1.955	2.948	3.1	20.8
10 8	23 45.95	− 5 23.7	1.996	2.952	6.8	21.1
10 18	23 39.99	− 5 49.8	2.063	2.956	10.2	21.3
10 28	23 35.88	− 6 2.3	2.153	2.960	13.2	21.5

27078 1998 TC_6 9 22.2 321.°97 0.°7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.30	+ 1 21.2	1.468	2.343	15.8	18.2
8 29	0 16.07	+ 0 35.7	1.400	2.340	11.7	18.0
9 8	0 9.51	− 0 25.1	1.354	2.337	7.1	17.7
9 18	0 1.37	− 1 35.6	1.332	2.335	2.0	17.4
9 28	23 52.72	− 2 47.1	1.336	2.332	3.4	17.5
10 8	23 44.81	− 3 51.0	1.366	2.330	8.4	17.8
10 18	23 38.65	− 4 40.0	1.420	2.328	13.0	18.1
10 28	23 34.99	− 5 9.6	1.495	2.326	16.8	18.3

88119 2000 WX_{134} 9 22.2 312.°13 2.°9/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.89	+ 9 52.6	2.125	2.949	13.5	19.4
8 29	0 15.17	+ 9 54.1	2.044	2.947	10.6	19.2
9 8	0 8.72	+ 9 40.4	1.986	2.946	7.3	19.0
9 18	0 1.10	+ 9 12.8	1.954	2.944	4.1	18.8
9 28	23 53.09	+ 8 34.5	1.949	2.943	3.1	18.7
10 8	23 45.55	+ 7 50.4	1.973	2.942	5.8	18.9
10 18	23 39.27	+ 7 6.1	2.023	2.940	9.1	19.1
10 28	23 34.84	+ 6 27.0	2.097	2.939	12.2	19.3

451761 2013 FE_1 9 22.2 105.°96 1.°2/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.91	− 3 36.1	2.294	3.152	11.5	21.0
8 29	0 17.84	− 3 42.8	2.229	3.161	8.4	20.8
9 8	0 10.17	− 3 54.3	2.188	3.169	5.0	20.6
9 18	0 1.50	− 4 7.2	2.176	3.178	1.6	20.4
9 28	23 52.59	− 4 18.1	2.193	3.186	2.8	20.5
10 8	23 44.28	− 4 23.5	2.239	3.195	6.3	20.8
10 18	23 37.24	− 4 20.9	2.313	3.203	9.4	21.0
10 28	23 32.01	− 4 8.7	2.410	3.211	12.1	21.2

402505 2006 DZ_{55} 9 22.2 299.°76 2.°9/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.39	− 6 48.1	2.157	3.034	11.3	21.0
8 29	0 14.03	− 7 34.2	2.081	3.023	8.3	20.8
9 8	0 8.02	− 8 24.9	2.030	3.013	5.1	20.6
9 18	0 0.88	− 9 15.2	2.005	3.002	2.9	20.4
9 28	23 53.39	− 9 59.2	2.008	2.992	4.5	20.5
10 8	23 46.35	−10 32.1	2.039	2.982	7.7	20.7
10 18	23 40.50	−10 50.3	2.096	2.971	10.9	20.9
10 28	23 36.44	−10 52.3	2.174	2.961	13.7	21.0

351078 2003 UH_{55} 9 22.2 339.°17 8.°6/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.61	+16 17.1	1.202	2.043	20.7	20.0
8 29	0 13.40	+17 22.6	1.119	2.020	17.5	19.7
9 8	0 8.39	+18 2.5	1.052	1.998	13.8	19.4
9 18	0 1.16	+18 12.2	1.005	1.978	10.3	19.2
9 28	23 52.89	+17 50.8	0.979	1.959	8.6	19.0
10 8	23 45.13	+17 3.2	0.974	1.942	10.3	19.0
10 18	23 39.35	+15 59.3	0.991	1.928	14.1	19.2
10 28	23 36.69	+14 51.5	1.027	1.915	18.3	19.4

350470 1998 WX_{35} 9 22.2 347.°10 9.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.66	−19 44.5	1.245	2.146	16.2	18.6
8 29	0 18.24	−20 31.9	1.190	2.134	12.9	18.4
9 8	0 11.00	−21 10.2	1.155	2.123	10.2	18.2
9 18	0 1.83	−21 28.9	1.142	2.114	9.4	18.1
9 28	23 52.16	−21 19.6	1.151	2.105	11.3	18.2
10 8	23 43.52	−20 38.7	1.182	2.099	14.5	18.4
10 18	23 37.11	−19 27.9	1.234	2.094	18.0	18.6
10 28	23 33.73	−17 51.9	1.303	2.090	21.2	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
514349	2016 PN_{94}		9 22.2	182.°82	0.°1/22.1	18
	h m	° ′			°	m
8 19	0 24.36	+ 0 27.3	2.135	2.985	12.5	21.5
8 29	0 18.39	+ 0 18.2	2.059	2.986	9.3	21.3
9 8	0 10.63	+ 0 0.6	2.008	2.986	5.6	21.0
9 18	0 1.68	− 0 22.6	1.983	2.985	1.7	20.8
9 28	23 52.37	− 0 47.3	1.988	2.985	2.4	20.8
10 8	23 43.61	− 1 9.0	2.022	2.984	6.3	21.1
10 18	23 36.19	− 1 24.0	2.083	2.982	9.9	21.3
10 28	23 30.72	− 1 29.4	2.168	2.980	12.9	21.5
444355	2005 XH_9		9 22.2	13.°58	6.°4/28.6	17
8 19	0 18.71	+18 4.0	1.768	2.566	16.8	20.3
8 29	0 14.67	+18 31.3	1.696	2.569	14.0	20.1
9 8	0 8.58	+18 35.4	1.643	2.573	10.8	19.9
9 18	0 1.09	+18 15.5	1.612	2.577	7.9	19.8
9 28	23 53.15	+17 33.6	1.606	2.582	6.4	19.7
10 8	23 45.80	+16 35.6	1.626	2.588	7.6	19.8
10 18	23 39.97	+15 29.0	1.671	2.594	10.4	19.9
10 28	23 36.36	+14 22.4	1.739	2.601	13.4	20.2
427924	2005 UY_{522}		9 22.2	249.°92	2.°7/17.5	16
8 19	0 14.67	−10 25.0	3.555	4.426	7.5	22.5
8 29	0 10.72	−11 15.3	3.475	4.413	5.5	22.4
9 8	0 5.79	−12 6.8	3.422	4.399	3.6	22.2
9 18	0 0.20	−12 56.1	3.397	4.385	2.7	22.2
9 28	23 54.38	−13 39.6	3.402	4.371	3.8	22.2
10 8	23 48.82	−14 14.4	3.437	4.357	5.8	22.3
10 18	23 43.94	−14 38.2	3.498	4.343	7.8	22.5
10 28	23 40.13	−14 49.9	3.583	4.328	9.6	22.6
151629	2002 WP_{17}		9 22.2	289.°07	0.°1/22.3	18
8 19	0 18.27	+ 4 36.2	1.506	2.373	15.9	20.1
8 29	0 14.73	+ 3 35.8	1.418	2.353	12.0	19.8
9 8	0 8.85	+ 2 13.7	1.351	2.332	7.4	19.5
9 18	0 1.24	+ 0 35.1	1.309	2.312	2.3	19.2
9 28	23 52.90	− 1 11.1	1.294	2.291	3.1	19.2
10 8	23 45.07	− 2 53.6	1.304	2.271	8.4	19.4
10 18	23 38.85	− 4 22.1	1.339	2.250	13.3	19.7
10 28	23 35.12	− 5 29.0	1.395	2.230	17.6	19.9
366270	2013 AP_{38}		9 22.2	301.°08	0.°1/22.2	17
8 19	0 26.13	− 0 43.2	1.669	2.532	14.8	21.2
8 29	0 20.47	− 0 29.3	1.575	2.508	11.2	20.9
9 8	0 12.32	− 0 23.3	1.503	2.483	6.9	20.6
9 18	0 2.30	− 0 22.8	1.456	2.459	2.1	20.2
9 28	23 51.44	− 0 24.0	1.437	2.434	3.0	20.2
10 8	23 41.02	− 0 22.3	1.445	2.410	7.9	20.5
10 18	23 32.21	− 0 13.8	1.478	2.386	12.5	20.7
10 28	23 25.96	+ 0 4.8	1.534	2.362	16.6	20.9
59994	1999 SH_{22}		9 22.2	41.°22	0.°6/21.8	17
8 19	0 20.20	+ 2 49.9	1.168	2.052	18.3	18.4
8 29	0 15.95	+ 1 47.8	1.138	2.082	13.4	18.2
9 8	0 9.29	+ 0 28.8	1.128	2.112	7.9	18.0
9 18	0 1.24	− 0 58.6	1.141	2.144	2.2	17.8
9 28	23 53.13	− 2 23.2	1.179	2.176	3.5	18.0
10 8	23 46.21	− 3 35.2	1.242	2.209	8.7	18.4
10 18	23 41.40	− 4 27.9	1.327	2.242	13.2	18.7
10 28	23 39.24	− 4 58.1	1.434	2.275	16.8	19.1
269664	1995 OB_{13}		9 22.2	306.°92	2.°5/24.0	18
8 19	0 23.02	+ 6 31.5	1.389	2.247	17.5	20.8
8 29	0 18.37	+ 6 39.1	1.313	2.239	13.5	20.5
9 8	0 11.09	+ 6 28.3	1.258	2.231	9.0	20.2
9 18	0 1.92	+ 6 0.9	1.225	2.222	4.2	20.0
9 28	23 52.04	+ 5 21.7	1.217	2.215	3.3	19.9
10 8	23 42.84	+ 4 38.1	1.235	2.207	8.0	20.1
10 18	23 35.56	+ 3 57.8	1.277	2.200	12.8	20.4
10 28	23 31.09	+ 3 28.0	1.339	2.193	17.1	20.6
217587	2008 DL_{26}		9 22.2	239.°44	1.°9/23.8	18
8 19	0 23.91	+ 6 11.4	1.598	2.447	16.0	20.7
8 29	0 18.73	+ 6 5.0	1.518	2.439	12.3	20.5
9 8	0 11.17	+ 5 41.6	1.460	2.432	8.0	20.2
9 18	0 1.92	+ 5 3.5	1.426	2.424	3.5	19.9
9 28	23 52.05	+ 4 15.9	1.419	2.416	2.9	19.9
10 8	23 42.81	+ 3 25.8	1.438	2.408	7.4	20.1
10 18	23 35.27	+ 2 40.4	1.483	2.400	11.9	20.4
10 28	23 30.26	+ 2 5.9	1.550	2.391	15.8	20.6
407116	2009 SC_{308}		9 22.2	335.°48	1.°5/23.7	18
8 19	0 19.57	+ 5 31.3	2.129	2.971	12.8	21.4
8 29	0 14.92	+ 5 26.3	2.050	2.969	9.8	21.2
9 8	0 8.57	+ 5 9.1	1.995	2.966	6.3	20.9
9 18	0 1.08	+ 4 41.8	1.965	2.963	2.7	20.7
9 28	23 53.23	+ 4 8.1	1.963	2.961	2.3	20.7
10 8	23 45.84	+ 3 32.8	1.990	2.959	5.8	20.9
10 18	23 39.69	+ 3 0.8	2.043	2.957	9.3	21.1
10 28	23 35.36	+ 2 36.2	2.121	2.955	12.4	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
437286	2013 AP_{132}		9 22.2	302.°37	1.°9/18.4	16
	h m	° ′			°	m
8 19	0 11.88	− 8 16.2	4.162	5.031	6.5	21.0
8 29	0 8.53	− 8 57.1	4.089	5.028	4.7	20.9
9 8	0 4.41	− 9 39.5	4.043	5.024	2.9	20.7
9 18	23 59.78	−10 20.9	4.026	5.020	1.9	20.7
9 28	23 55.01	−10 58.4	4.039	5.017	2.8	20.7
10 8	23 50.46	−11 29.6	4.082	5.013	4.6	20.9
10 18	23 46.47	−11 52.7	4.152	5.010	6.4	21.0
10 28	23 43.34	−12 6.5	4.246	5.006	8.0	21.1
404080	2012 DB_{89}		9 22.2	162.°54	0.°7/21.5	18
8 19	0 21.35	− 1 33.1	2.480	3.334	10.8	21.0
8 29	0 15.93	− 1 47.0	2.407	3.336	8.0	20.8
9 8	0 9.05	− 2 7.0	2.358	3.338	4.8	20.6
9 18	0 1.21	− 2 30.1	2.338	3.340	1.4	20.4
9 28	23 53.10	− 2 52.7	2.347	3.342	2.4	20.4
10 8	23 45.46	− 3 11.2	2.385	3.344	5.7	20.7
10 18	23 38.93	− 3 22.4	2.451	3.345	8.8	20.9
10 28	23 34.03	− 3 24.3	2.542	3.346	11.5	21.1
147152	2002 TX_{297}		9 22.2	356.°62	7.°6/16.7	18
8 19	0 20.78	−13 26.5	1.138	2.047	16.8	18.8
8 29	0 16.92	−14 38.9	1.089	2.043	12.8	18.6
9 8	0 10.23	−15 50.6	1.060	2.041	9.1	18.4
9 18	0 1.63	−16 50.0	1.053	2.039	7.6	18.3
9 28	23 52.56	−17 26.2	1.069	2.038	9.9	18.4
10 8	23 44.54	−17 32.7	1.107	2.038	13.8	18.7
10 18	23 38.79	−17 8.3	1.164	2.040	17.8	18.9
10 28	23 36.06	−16 15.8	1.239	2.042	21.2	19.2
123376	2000 WV_{44}		9 22.2	250.°20	1.°5/20.5	18
8 19	0 19.03	− 2 39.5	2.272	3.137	11.3	20.4
8 29	0 14.43	− 3 19.8	2.192	3.129	8.3	20.2
9 8	0 8.25	− 4 7.5	2.137	3.120	4.9	19.9
9 18	0 1.00	− 4 58.2	2.110	3.112	1.8	19.7
9 28	23 53.39	− 5 46.8	2.111	3.103	3.2	19.8
10 8	23 46.21	− 6 28.1	2.141	3.094	6.7	20.0
10 18	23 40.17	− 6 58.2	2.197	3.085	10.0	20.2
10 28	23 35.84	− 7 14.5	2.276	3.076	12.8	20.4
77673	2001 MA_{20}		9 22.2	47.°19	5.°5/27.2	18
8 19	0 23.83	+14 40.7	1.496	2.315	18.4	18.7
8 29	0 18.41	+15 3.8	1.452	2.344	14.7	18.6
9 8	0 10.75	+15 2.5	1.427	2.374	10.8	18.4
9 18	0 1.72	+14 37.8	1.426	2.404	7.1	18.3
9 28	23 52.51	+13 53.9	1.449	2.434	5.5	18.3
10 8	23 44.31	+12 58.2	1.498	2.465	7.5	18.5
10 18	23 38.03	+11 59.3	1.572	2.496	10.8	18.7
10 28	23 34.28	+11 5.1	1.669	2.527	14.0	19.0
492740	2014 QV_{128}		9 22.2	261.°73	2.°5/24.8	17
8 19	0 22.39	+ 8 17.1	2.493	3.311	11.9	21.6
8 29	0 16.85	+ 8 36.7	2.402	3.303	9.3	21.4
9 8	0 9.71	+ 8 45.1	2.336	3.294	6.4	21.2
9 18	0 1.45	+ 8 42.9	2.295	3.286	3.5	21.0
9 28	23 52.77	+ 8 32.1	2.285	3.278	2.8	21.0
10 8	23 44.46	+ 8 15.9	2.303	3.269	5.3	21.1
10 18	23 37.24	+ 7 58.1	2.349	3.261	8.3	21.3
10 28	23 31.69	+ 7 42.7	2.421	3.252	11.1	21.5
313615	2003 QZ_{74}		9 22.2	49.°91	4.°6/26.9	18
8 19	0 21.10	+14 4.1	2.022	2.827	14.7	19.9
8 29	0 16.07	+14 25.4	1.957	2.841	11.9	19.7
9 8	0 9.26	+14 28.7	1.913	2.856	8.7	19.6
9 18	0 1.30	+14 14.2	1.894	2.871	5.8	19.4
9 28	23 53.03	+13 44.6	1.902	2.886	4.6	19.4
10 8	23 45.37	+13 4.6	1.937	2.902	6.3	19.5
10 18	23 39.10	+12 20.2	1.999	2.917	9.2	19.7
10 28	23 34.80	+11 37.6	2.085	2.933	12.0	20.0
238007	2002 TH_{165}		9 22.2	11.°51	7.°9/16.3	18
8 19	0 17.41	−14 32.1	1.130	2.043	16.5	18.4
8 29	0 14.27	−15 44.7	1.093	2.048	12.5	18.2
9 8	0 8.51	−16 53.5	1.076	2.055	9.1	18.0
9 18	0 1.09	−17 47.4	1.080	2.064	8.0	18.0
9 28	23 53.38	−18 16.7	1.108	2.074	10.1	18.2
10 8	23 46.76	−18 16.4	1.157	2.086	13.6	18.4
10 18	23 42.29	−17 46.4	1.225	2.099	17.2	18.7
10 28	23 40.59	−16 50.0	1.311	2.114	20.3	18.9
8035	1992 TB		9 22.2	149.°20	2.°7/24.4	18
8 19	0 43.71	+18 38.8	1.052	1.852	25.6	19.7
8 29	0 34.11	+15 56.5	0.987	1.878	20.1	19.4
9 8	0 20.66	+12 18.4	0.943	1.901	13.3	19.1
9 18	0 4.75	+ 7 55.1	0.925	1.920	5.9	18.8
9 28	23 48.52	+ 3 12.4	0.938	1.936	3.9	18.8
10 8	23 34.18	− 1 15.9	0.983	1.948	10.8	19.2
10 18	23 23.31	− 5 3.9	1.056	1.956	17.1	19.6
10 28	23 16.68	− 7 59.6	1.151	1.961	22.1	19.9

161546 Schneeweis 9 22.2 128.°72 3.°1/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.92	− 6 7.8	1.782	2.660	13.3	20.1
8 29	0 16.84	− 6 58.0	1.721	2.664	9.7	19.8
9 8	0 9.80	− 7 53.8	1.683	2.667	5.9	19.6
9 18	0 1.47	− 8 48.9	1.672	2.670	3.1	19.5
9 28	23 52.82	− 9 36.3	1.688	2.673	4.9	19.6
10 8	23 44.86	−10 10.3	1.731	2.676	8.6	19.8
10 18	23 38.44	−10 27.3	1.798	2.679	12.2	20.0
10 28	23 34.19	−10 26.0	1.887	2.682	15.3	20.3

209279 2003 YY_{18} 9 22.2 254.°28 4.°4/17.5 18

8 19	0 21.15	−10 24.6	2.061	2.940	11.7	20.5
8 29	0 16.22	−11 28.1	1.984	2.925	8.7	20.3
9 8	0 9.45	−12 34.5	1.930	2.909	5.8	20.1
9 18	0 1.39	−13 37.4	1.904	2.893	4.4	20.0
9 28	23 52.89	−14 29.8	1.906	2.877	6.1	20.1
10 8	23 44.86	−15 6.2	1.935	2.860	9.2	20.2
10 18	23 38.13	−15 23.2	1.989	2.844	12.4	20.4
10 28	23 33.36	−15 20.1	2.064	2.826	15.2	20.6

407237 2009 WW_{81} 9 22.2 315.°52 4.°3/17.5 16

8 19	0 16.96	− 8 51.3	1.892	2.780	12.2	21.1
8 29	0 13.38	−10 0.4	1.802	2.749	9.0	20.9
9 8	0 7.87	−11 15.8	1.736	2.719	5.9	20.6
9 18	0 0.96	−12 30.5	1.696	2.688	4.3	20.5
9 28	23 53.45	−13 36.3	1.683	2.658	6.3	20.5
10 8	23 46.31	−14 26.2	1.696	2.628	9.8	20.7
10 18	23 40.44	−14 55.5	1.732	2.599	13.3	20.8
10 28	23 36.59	−15 2.0	1.789	2.570	16.5	21.0

50899 2000 GM_{47} 9 22.2 263.°13 0.°2/22.4 18

8 19	0 20.30	+ 2 29.2	1.926	2.783	13.4	18.8
8 29	0 15.61	+ 2 4.0	1.851	2.780	10.0	18.6
9 8	0 9.07	+ 1 26.8	1.798	2.777	6.1	18.4
9 18	0 1.27	+ 0 41.1	1.772	2.774	1.9	18.1
9 28	23 53.08	− 0 7.6	1.774	2.771	2.4	18.1
10 8	23 45.43	− 0 53.5	1.803	2.768	6.6	18.4
10 18	23 39.15	− 1 31.2	1.858	2.765	10.4	18.6
10 28	23 34.87	− 1 56.7	1.937	2.762	13.7	18.8

443769 2015 MQ_{56} 9 22.2 165.°82 5.°0/27.6 18

8 19	0 22.76	+16 36.0	2.163	2.947	14.6	21.5
8 29	0 17.33	+16 48.7	2.083	2.951	11.9	21.4
9 8	0 10.08	+16 42.2	2.023	2.954	9.0	21.2
9 18	0 1.58	+16 16.3	1.988	2.957	6.3	21.0
9 28	23 52.67	+15 33.3	1.981	2.960	5.0	21.0
10 8	23 44.27	+14 38.2	2.001	2.962	6.4	21.1
10 18	23 37.20	+13 37.1	2.049	2.964	9.2	21.2
10 28	23 32.10	+12 37.1	2.121	2.965	12.0	21.4

185602 2008 CF_{23} 9 22.2 216.°17 1.°0/23.1 17

8 19	0 23.69	+ 4 53.0	1.739	2.587	14.9	21.7
8 29	0 18.38	+ 4 29.5	1.658	2.581	11.4	21.5
9 8	0 10.89	+ 3 50.3	1.600	2.575	7.2	21.2
9 18	0 1.86	+ 2 58.7	1.567	2.568	2.7	20.9
9 28	23 52.29	+ 2 0.4	1.562	2.560	2.6	20.9
10 8	23 43.30	+ 1 2.7	1.584	2.552	7.1	21.2
10 18	23 35.88	+ 0 12.2	1.633	2.543	11.4	21.4
10 28	23 30.80	− 0 25.4	1.704	2.534	15.1	21.6

473393 2015 VG_{39} 9 22.2 309.°99 4.°9/27.9 18

8 19	0 17.46	+17 4.8	2.153	2.943	14.4	20.7
8 29	0 13.49	+17 4.7	2.064	2.936	11.9	20.5
9 8	0 7.79	+16 44.3	1.996	2.929	9.0	20.3
9 18	0 0.90	+16 3.7	1.952	2.923	6.3	20.2
9 28	23 53.58	+15 5.6	1.935	2.916	4.9	20.1
10 8	23 46.69	+13 55.3	1.945	2.909	6.3	20.1
10 18	23 40.99	+12 39.6	1.982	2.903	9.1	20.3
10 28	23 37.13	+11 25.9	2.043	2.897	12.0	20.5

260866 2005 QO_{97} 9 22.2 37.°15 3.°0/19.1 18

8 19	0 18.39	− 5 30.8	1.861	2.742	12.6	20.2
8 29	0 14.17	− 6 33.5	1.802	2.746	9.2	20.0
9 8	0 8.16	− 7 42.5	1.766	2.751	5.6	19.8
9 18	0 0.99	− 8 51.2	1.757	2.755	3.0	19.6
9 28	23 53.52	− 9 52.6	1.775	2.760	4.8	19.8
10 8	23 46.68	−10 40.5	1.820	2.764	8.3	20.0
10 18	23 41.22	−11 10.8	1.890	2.769	11.7	20.2
10 28	23 37.74	−11 22.0	1.981	2.774	14.7	20.4

231464 2007 PR_4 9 22.2 334.°47 0.°2/21.8 17

8 19	0 11.41	+ 0 46.3	4.131	4.979	7.0	20.5
8 29	0 8.22	+ 0 12.0	4.050	4.977	5.1	20.3
9 8	0 4.24	− 0 27.4	3.996	4.974	3.1	20.2
9 18	23 59.77	− 1 9.9	3.970	4.972	0.9	20.0
9 28	23 55.15	− 1 53.0	3.974	4.970	1.4	20.1
10 8	23 50.74	− 2 33.8	4.009	4.968	3.6	20.2
10 18	23 46.89	− 3 10.1	4.072	4.966	5.6	20.4
10 28	23 43.88	− 3 39.8	4.161	4.964	7.4	20.5

442534 2011 WG_{134} 9 22.2 3.°83 1.°3/21.2 18

	h m	° ′			°	m
8 19	0 19.18	− 1 44.0	1.514	2.397	15.0	20.2
8 29	0 15.14	− 2 7.9	1.452	2.396	11.0	20.0
9 8	0 8.92	− 2 41.8	1.411	2.396	6.6	19.7
9 18	0 1.25	− 3 20.6	1.395	2.398	2.0	19.5
9 28	23 53.17	− 3 57.6	1.404	2.400	3.6	19.6
10 8	23 45.82	− 4 26.5	1.439	2.403	8.2	19.9
10 18	23 40.16	− 4 42.3	1.498	2.406	12.4	20.1
10 28	23 36.86	− 4 42.3	1.579	2.411	16.0	20.4

121665 1999 XR_{38} 9 22.2 310.°18 7.°5/13.5 18

8 19	0 18.64	−18 19.5	1.910	2.798	12.1	18.4
8 29	0 14.66	−19 48.0	1.830	2.767	9.6	18.2
9 8	0 8.67	−21 14.9	1.775	2.737	7.8	18.0
9 18	0 1.21	−22 31.1	1.745	2.707	7.7	17.9
9 28	23 53.16	−23 28.2	1.741	2.677	9.5	18.0
10 8	23 45.54	−24 0.0	1.761	2.647	12.3	18.1
10 18	23 39.29	−24 4.1	1.802	2.617	15.2	18.2
10 28	23 35.16	−23 40.9	1.863	2.588	17.8	18.3

43298 2000 GL_{67} 9 22.2 45.°21 1.°8/24.1 18

8 19	0 17.60	+ 8 29.7	1.676	2.524	15.4	18.6
8 29	0 13.73	+ 7 47.2	1.615	2.535	11.8	18.4
9 8	0 7.95	+ 6 45.4	1.576	2.548	7.7	18.2
9 18	0 0.93	+ 5 28.3	1.562	2.560	3.4	17.9
9 28	23 53.62	+ 4 3.1	1.575	2.573	2.5	17.9
10 8	23 47.01	+ 2 38.5	1.614	2.586	6.6	18.2
10 18	23 41.91	+ 1 22.4	1.680	2.599	10.6	18.5
10 28	23 38.93	+ 0 20.8	1.769	2.613	14.0	18.7

423162 2004 FD_1 9 22.2 2.°35 5.°2/22.4 18

8 19	1 2.49	− 4 15.0	0.745	1.613	27.5	19.4
8 29	0 50.60	− 0 51.5	0.681	1.612	21.5	19.1
9 8	0 32.23	+ 2 49.9	0.635	1.611	14.1	18.7
9 18	0 8.66	+ 6 36.4	0.613	1.611	6.6	18.3
9 28	23 43.14	+10 6.3	0.618	1.612	7.4	18.3
10 8	23 19.85	+13 1.6	0.650	1.613	14.9	18.7
10 18	23 2.00	+15 18.2	0.704	1.615	21.8	19.1
10 28	22 50.99	+17 4.9	0.774	1.617	27.2	19.5

453744 2011 BB_{162} 9 22.2 339.°82 5.°3/16.5 17

8 19	0 15.04	−10 31.2	1.668	2.566	13.0	20.6
8 29	0 12.03	−11 56.0	1.602	2.553	9.6	20.4
9 8	0 7.04	−13 24.9	1.559	2.541	6.6	20.2
9 18	0 0.70	−14 49.2	1.541	2.529	5.4	20.1
9 28	23 53.91	−15 59.7	1.550	2.518	7.4	20.2
10 8	23 47.69	−16 49.3	1.582	2.508	10.8	20.4
10 18	23 42.92	−17 14.1	1.638	2.499	14.2	20.6
10 28	23 40.28	−17 13.1	1.712	2.491	17.2	20.8

412460 2014 HC_1 9 22.2 235.°25 10.°5/ 9.9 18

8 19	0 27.28	−31 49.3	2.124	2.971	12.6	21.1
8 29	0 20.81	−33 10.0	2.075	2.961	11.2	21.0
9 8	0 12.21	−34 15.9	2.049	2.950	10.5	21.0
9 18	0 2.23	−34 58.8	2.047	2.938	10.9	21.0
9 28	23 51.91	−35 12.6	2.069	2.927	12.1	21.0
10 8	23 42.36	−34 55.5	2.114	2.914	13.8	21.1
10 18	23 34.51	−34 9.0	2.178	2.902	15.7	21.3
10 28	23 29.01	−32 57.1	2.260	2.889	17.3	21.4

389037 2008 UM_{355} 9 22.2 318.°09 1.°3/20.9 18

8 19	0 15.68	+ 1 57.5	1.462	2.343	15.5	20.0
8 29	0 12.79	+ 0 41.7	1.383	2.327	11.5	19.7
9 8	0 7.67	− 0 53.9	1.326	2.311	6.9	19.4
9 18	0 0.93	− 2 42.0	1.293	2.296	2.0	19.1
9 28	23 53.58	− 4 32.4	1.286	2.281	4.0	19.2
10 8	23 46.80	− 6 13.3	1.306	2.267	9.0	19.5
10 18	23 41.63	− 7 35.3	1.348	2.254	13.7	19.7
10 28	23 38.87	− 8 32.3	1.412	2.241	17.7	19.9

105775 2000 SY_{112} 9 22.2 349.°72 0.°6/21.8 18 R

8 19	0 16.71	+ 1 12.4	1.204	2.096	17.3	19.1
8 29	0 13.86	+ 0 40.5	1.140	2.088	13.0	18.8
9 8	0 8.42	− 0 8.5	1.094	2.080	7.9	18.5
9 18	0 1.16	− 1 8.6	1.071	2.075	2.3	18.2
9 28	23 53.30	− 2 11.0	1.072	2.070	3.7	18.3
10 8	23 46.23	− 3 5.8	1.097	2.066	9.2	18.6
10 18	23 41.12	− 3 45.0	1.144	2.064	14.2	18.9
10 28	23 38.79	− 4 3.7	1.210	2.063	18.5	19.1

156339 2001 XL_{148} 9 22.2 297.°50 1.°2/21.2 18

8 19	0 19.82	− 0 0.9	1.522	2.399	15.2	19.7
8 29	0 15.84	− 0 44.9	1.440	2.382	11.3	19.4
9 8	0 9.53	− 1 43.4	1.380	2.364	6.8	19.1
9 18	0 1.50	− 2 50.9	1.344	2.347	2.1	18.7
9 28	23 52.81	− 3 59.3	1.334	2.329	3.8	18.8
10 8	23 44.66	− 4 59.9	1.350	2.312	8.7	19.1
10 18	23 38.15	− 5 45.4	1.390	2.295	13.4	19.3
10 28	23 34.13	− 6 11.1	1.451	2.279	17.4	19.5

400227 2007 EC_{64} 9 22.2 94.°87 4.°1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.80	+14 15.8	2.412	3.202	13.1	20.9
8 29	0 17.06	+14 34.4	2.345	3.220	10.5	20.8
9 8	0 9.76	+14 37.4	2.301	3.239	7.7	20.6
9 18	0 1.47	+14 25.1	2.282	3.257	5.2	20.5
9 28	23 52.93	+13 59.7	2.292	3.274	4.1	20.4
10 8	23 44.94	+13 25.2	2.330	3.292	5.6	20.6
10 18	23 38.16	+12 46.4	2.397	3.309	8.1	20.8
10 28	23 33.13	+12 8.3	2.488	3.326	10.6	21.0

328086 2007 YB_{44} 9 22.2 315.°19 4.°3/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.04	− 5 6.7	1.252	2.151	16.3	20.1
8 29	0 15.57	− 6 27.4	1.186	2.140	12.0	19.8
9 8	0 9.47	− 8 0.4	1.142	2.129	7.4	19.6
9 18	0 1.49	− 9 35.7	1.121	2.119	4.3	19.4
9 28	23 52.88	−11 1.0	1.124	2.109	6.8	19.5
10 8	23 45.03	−12 5.7	1.151	2.100	11.6	19.7
10 18	23 39.16	−12 43.1	1.200	2.091	16.2	20.0
10 28	23 36.11	−12 51.3	1.267	2.083	20.1	20.2

252190 2001 EM_{17} 9 22.2 153.°96 12.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.02	−35 33.8	1.885	2.719	14.5	20.2
8 29	0 25.10	−37 0.7	1.859	2.727	13.1	20.1
9 8	0 14.75	−38 6.4	1.854	2.735	12.5	20.1
9 18	0 2.96	−38 41.9	1.872	2.742	12.8	20.1
9 28	23 51.06	−38 42.0	1.913	2.748	13.9	20.2
10 8	23 40.38	−38 6.7	1.976	2.753	15.5	20.3
10 18	23 31.91	−36 59.9	2.057	2.758	17.1	20.5
10 28	23 26.24	−35 27.7	2.154	2.762	18.5	20.6

262432 2006 UZ_{81} 9 22.3 7.°15 0.°2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.62	+ 1 16.2	1.764	2.627	14.1	20.6
8 29	0 16.71	+ 1 8.4	1.695	2.627	10.6	20.4
9 8	0 9.79	+ 0 49.8	1.648	2.628	6.5	20.2
9 18	0 1.53	+ 0 23.8	1.627	2.629	2.0	19.9
9 28	23 52.87	− 0 4.9	1.633	2.630	2.6	19.9
10 8	23 44.85	− 0 30.7	1.666	2.632	7.0	20.2
10 18	23 38.36	− 0 49.0	1.724	2.634	10.9	20.5
10 28	23 34.05	− 0 56.3	1.805	2.636	14.3	20.7

242094 2002 TW_{359} 9 22.3 105.°03 0.°1/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.79	+ 3 14.0	1.960	2.815	13.3	20.7
8 29	0 15.10	+ 2 27.9	1.898	2.826	9.9	20.5
9 8	0 8.69	+ 1 29.0	1.859	2.837	6.0	20.3
9 18	0 1.18	+ 0 21.9	1.846	2.848	1.8	20.0
9 28	23 53.40	− 0 47.2	1.861	2.859	2.4	20.1
10 8	23 46.24	− 1 51.5	1.905	2.869	6.4	20.4
10 18	23 40.44	− 2 45.5	1.975	2.879	10.1	20.6
10 28	23 36.56	− 3 25.3	2.069	2.889	13.2	20.9

91640 1999 TA_{87} 9 22.3 56.°61 0.°3/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.63	+ 2 41.6	2.002	2.858	13.0	20.3
8 29	0 14.97	+ 2 18.7	1.938	2.866	9.7	20.2
9 8	0 8.62	+ 1 44.6	1.896	2.874	5.9	19.9
9 18	0 1.16	+ 1 2.8	1.881	2.883	1.9	19.7
9 28	23 53.43	+ 0 18.2	1.894	2.891	2.2	19.7
10 8	23 46.29	− 0 23.6	1.934	2.900	6.2	20.0
10 18	23 40.47	− 0 57.9	2.001	2.909	9.8	20.3
10 28	23 36.53	− 1 21.0	2.092	2.918	12.8	20.5

269408 2009 RD_{46} 9 22.3 296.°02 2.°4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.94	+11 20.5	2.239	3.060	13.0	20.0
8 29	0 12.37	+10 38.5	2.133	3.035	10.2	19.8
9 8	0 7.16	+ 9 37.3	2.050	3.010	7.0	19.6
9 18	0 0.77	+ 8 18.9	1.992	2.985	3.7	19.3
9 28	23 53.88	+ 6 47.8	1.963	2.959	2.6	19.2
10 8	23 47.30	+ 5 11.1	1.963	2.934	5.7	19.4
10 18	23 41.78	+ 3 36.2	1.991	2.909	9.2	19.5
10 28	23 37.97	+ 2 10.3	2.043	2.883	12.6	19.7

101438 1998 VE_{39} 9 22.3 296.°46 3.°3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.92	+ 8 33.9	1.483	2.331	17.1	19.3
8 29	0 17.66	+ 8 42.3	1.391	2.309	13.5	19.0
9 8	0 10.81	+ 8 31.2	1.319	2.287	9.2	18.7
9 18	0 1.97	+ 8 1.1	1.270	2.265	4.9	18.4
9 28	23 52.24	+ 7 15.8	1.247	2.243	3.7	18.3
10 8	23 42.95	+ 6 22.4	1.249	2.221	7.9	18.5
10 18	23 35.37	+ 5 29.3	1.275	2.199	12.7	18.7
10 28	23 30.50	+ 4 44.8	1.322	2.178	17.1	18.9

32170 2000 NU_9 9 22.3 115.°90 1.°8/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.14	+ 9 45.8	2.156	2.983	13.2	18.4
8 29	0 13.79	+ 8 56.2	2.085	2.993	10.2	18.2
9 8	0 7.88	+ 7 49.5	2.038	3.003	6.7	18.0
9 18	0 0.95	+ 6 29.3	2.017	3.013	3.2	17.8
9 28	23 53.76	+ 5 1.1	2.025	3.022	2.3	17.8
10 8	23 47.10	+ 3 32.2	2.062	3.031	5.5	18.0
10 18	23 41.67	+ 2 9.4	2.126	3.040	9.0	18.3
10 28	23 37.98	+ 0 58.3	2.216	3.049	12.0	18.5

239115 2006 HR_{93} 9 22.3 187.°25 0.°6/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.99	+ 2 31.4	2.022	2.878	12.8	20.6
8 29	0 14.57	+ 1 25.0	1.947	2.878	9.5	20.4
9 8	0 8.43	+ 0 5.0	1.897	2.877	5.7	20.1
9 18	0 1.14	− 1 23.2	1.874	2.876	1.6	19.9
9 28	23 53.49	− 2 52.7	1.879	2.875	2.8	20.0
10 8	23 46.36	− 4 15.8	1.914	2.874	6.8	20.2
10 18	23 40.51	− 5 26.2	1.975	2.872	10.5	20.4
10 28	23 36.54	− 6 19.6	2.059	2.869	13.6	20.6

10969 Perryman 9 22.3 295.°42 0.°2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.22	+ 4 11.8	1.862	2.720	13.7	17.5
8 29	0 13.53	+ 3 21.3	1.774	2.704	10.3	17.3
9 8	0 7.95	+ 2 14.4	1.710	2.689	6.4	17.0
9 18	0 1.03	+ 0 55.4	1.671	2.673	2.0	16.7
9 28	23 53.60	− 0 28.8	1.659	2.657	2.5	16.7
10 8	23 46.61	− 1 50.2	1.676	2.642	7.0	16.9
10 18	23 40.93	− 3 1.4	1.718	2.626	11.1	17.2
10 28	23 37.26	− 3 56.6	1.783	2.611	14.6	17.4

429473 2010 XC_{67} 9 22.3 208.°17 3.°6/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.26	− 6 58.7	1.942	2.815	12.6	22.2
8 29	0 17.85	− 8 8.8	1.869	2.809	9.2	22.0
9 8	0 10.48	− 9 25.1	1.821	2.802	5.8	21.8
9 18	0 1.78	−10 40.5	1.800	2.795	3.6	21.6
9 28	23 52.64	−11 47.5	1.807	2.786	5.4	21.8
10 8	23 44.06	−12 39.4	1.842	2.777	8.9	21.9
10 18	23 36.91	−13 12.3	1.902	2.767	12.4	22.1
10 28	23 31.86	−13 24.6	1.984	2.757	15.4	22.3

224597 2005 YX_{15} 9 22.3 187.°30 1.°2/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.66	+ 6 0.2	2.527	3.360	11.3	21.1
8 29	0 14.02	+ 5 40.8	2.446	3.360	8.6	21.0
9 8	0 7.98	+ 5 9.9	2.390	3.360	5.5	20.8
9 18	0 0.99	+ 4 30.0	2.361	3.359	2.3	20.6
9 28	23 53.70	+ 3 44.8	2.360	3.358	1.9	20.5
10 8	23 46.82	+ 2 58.7	2.389	3.357	5.0	20.7
10 18	23 40.97	+ 2 16.2	2.446	3.356	8.1	20.9
10 28	23 36.66	+ 1 41.1	2.528	3.354	10.9	21.1

46231 2001 HM_5 9 22.3 118.°28 3.°6/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.68	+15 18.8	2.590	3.379	12.3	18.1
8 29	0 13.28	+15 5.2	2.513	3.388	9.9	18.0
9 8	0 7.51	+14 35.1	2.457	3.396	7.3	17.8
9 18	0 0.84	+13 49.9	2.428	3.404	4.8	17.7
9 28	23 53.92	+12 52.4	2.427	3.412	3.6	17.6
10 8	23 47.43	+11 47.4	2.454	3.420	5.1	17.7
10 18	23 41.97	+10 40.4	2.510	3.427	7.6	17.9
10 28	23 38.03	+ 9 36.7	2.592	3.435	10.1	18.1

134563 1999 RA_{179} 9 22.3 1.°67 2.°6/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.91	− 5 27.6	1.070	1.969	18.4	18.9
8 29	0 20.18	− 5 27.3	1.015	1.967	13.7	18.6
9 8	0 12.36	− 5 33.6	0.978	1.966	8.3	18.3
9 18	0 2.41	− 5 40.4	0.964	1.966	3.2	18.0
9 28	23 51.88	− 5 40.6	0.973	1.967	5.2	18.1
10 8	23 42.49	− 5 28.5	1.005	1.969	10.6	18.5
10 18	23 35.56	− 5 1.1	1.058	1.973	15.7	18.8
10 28	23 31.96	− 4 17.4	1.130	1.977	20.0	19.0

479687 2014 DJ_{91} 9 22.3 18.°76 0.°9/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.14	+ 3 25.2	1.599	2.460	15.4	20.3
8 29	0 17.29	+ 3 18.4	1.531	2.461	11.6	20.1
9 8	0 10.25	+ 2 57.7	1.486	2.463	7.3	19.8
9 18	0 1.73	+ 2 26.4	1.465	2.466	2.6	19.6
9 28	23 52.77	+ 1 49.7	1.470	2.468	2.6	19.6
10 8	23 44.52	+ 1 14.1	1.502	2.471	7.2	19.9
10 18	23 37.96	+ 0 45.3	1.559	2.475	11.5	20.1
10 28	23 33.78	+ 0 28.0	1.639	2.478	15.1	20.4

76383 2000 EU_{199} 9 22.3 57.°90 3.°7/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.07	+12 58.4	1.726	2.550	16.1	18.2
8 29	0 14.83	+12 38.1	1.663	2.563	12.7	18.0
9 8	0 8.66	+11 55.7	1.621	2.577	8.9	17.8
9 18	0 1.22	+10 53.8	1.603	2.590	5.2	17.6
9 28	23 53.48	+ 9 37.8	1.611	2.604	3.8	17.6
10 8	23 46.43	+ 8 15.8	1.647	2.618	6.5	17.8
10 18	23 40.92	+ 6 56.0	1.708	2.632	10.1	18.0
10 28	23 37.56	+ 5 45.8	1.794	2.646	13.4	18.3

287169 2002 RK_{253} 9 22.3 349.°06 1.°9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.64	+ 6 13.0	1.765	2.612	14.8	20.5
8 29	0 16.81	+ 6 12.6	1.691	2.611	11.4	20.3
9 8	0 9.93	+ 5 57.4	1.639	2.610	7.5	20.1
9 18	0 1.64	+ 5 29.3	1.611	2.609	3.4	19.8
9 28	23 52.90	+ 4 52.8	1.610	2.608	2.7	19.8
10 8	23 44.75	+ 4 13.6	1.637	2.607	6.6	20.1
10 18	23 38.12	+ 3 37.8	1.689	2.607	10.6	20.3
10 28	23 33.71	+ 3 10.5	1.765	2.606	14.1	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
344935	2004 TL_{203}		9 22.3	148.°60	5.°8/28.9	18
	h m	° ′			°	m
8 19	0 19.86	+19 52.4	1.934	2.712	16.2	21.0
8 29	0 15.41	+19 40.9	1.855	2.716	13.5	20.8
9 8	0 9.04	+19 4.2	1.796	2.720	10.4	20.6
9 18	0 1.36	+18 2.6	1.759	2.724	7.4	20.4
9 28	23 53.28	+16 39.5	1.749	2.727	5.8	20.4
10 8	23 45.78	+15 2.1	1.767	2.730	6.9	20.4
10 18	23 39.72	+13 19.3	1.811	2.733	9.8	20.6
10 28	23 35.74	+11 40.3	1.880	2.735	12.8	20.8
103537	2000 BO_{17}		9 22.3	213.°65	1.°9/19.0	17
8 19	0 15.43	− 7 18.0	3.558	4.423	7.6	20.0
8 29	0 11.30	− 7 56.4	3.481	4.418	5.5	19.9
9 8	0 6.19	− 8 37.1	3.432	4.412	3.4	19.7
9 18	0 0.45	− 9 17.1	3.411	4.407	2.0	19.6
9 28	23 54.53	− 9 53.1	3.420	4.401	3.0	19.7
10 8	23 48.87	−10 22.3	3.459	4.396	5.1	19.8
10 18	23 43.91	−10 42.5	3.525	4.389	7.2	20.0
10 28	23 40.01	−10 52.5	3.616	4.383	9.1	20.1
217630	1993 BQ_{9}		9 22.3	43.°44	2.°2/20.7	18
8 19	0 22.54	− 2 13.8	1.160	2.053	17.8	19.8
8 29	0 17.94	− 2 57.3	1.119	2.069	13.0	19.6
9 8	0 10.72	− 3 52.3	1.099	2.086	7.7	19.3
9 18	0 1.86	− 4 50.9	1.101	2.103	2.7	19.1
9 28	23 52.76	− 5 43.4	1.127	2.121	4.7	19.3
10 8	23 44.83	− 6 21.7	1.178	2.140	9.8	19.6
10 18	23 39.11	− 6 40.9	1.251	2.159	14.3	20.0
10 28	23 36.26	− 6 39.2	1.343	2.178	18.1	20.3
503286	2015 VM_{118}		9 22.3	16.°78	8.°5/ 1.9	17
8 19	0 6.77	+29 59.0	0.798	1.620	30.1	20.1
8 29	0 7.43	+28 18.8	0.739	1.623	25.8	19.8
9 8	0 4.94	+25 21.1	0.692	1.627	20.3	19.5
9 18	0 0.22	+21 4.2	0.661	1.633	14.1	19.2
9 28	23 54.90	+15 44.5	0.652	1.640	9.0	19.0
10 8	23 50.74	+ 9 59.5	0.666	1.649	9.8	19.0
10 18	23 49.05	+ 4 33.1	0.705	1.659	15.3	19.4
10 28	23 50.60	− 0 0.7	0.766	1.671	20.9	19.8
188928	2007 CV_{2}		9 22.3	149.°54	0.°2/22.5	18
8 19	0 18.70	+ 3 3.5	2.438	3.284	11.3	21.5
8 29	0 14.07	+ 2 29.5	2.365	3.289	8.4	21.3
9 8	0 8.02	+ 1 45.4	2.317	3.293	5.1	21.1
9 18	0 1.04	+ 0 54.3	2.296	3.298	1.6	20.9
9 28	23 53.80	+ 0 0.9	2.304	3.302	2.0	20.9
10 8	23 47.00	− 0 50.0	2.342	3.306	5.4	21.2
10 18	23 41.28	− 1 34.0	2.407	3.309	8.6	21.4
10 28	23 37.14	− 2 7.6	2.496	3.312	11.3	21.6
298727	2004 FO_{108}		9 22.3	213.°50	1.°0/23.6	18
8 19	0 18.94	+ 6 22.9	2.379	3.213	11.9	21.5
8 29	0 14.37	+ 5 45.0	2.292	3.207	9.0	21.3
9 8	0 8.28	+ 4 53.7	2.230	3.201	5.8	21.1
9 18	0 1.14	+ 3 51.8	2.195	3.194	2.3	20.9
9 28	23 53.65	+ 2 44.1	2.189	3.187	2.0	20.9
10 8	23 46.55	+ 1 36.2	2.212	3.179	5.4	21.1
10 18	23 40.54	+ 0 33.7	2.264	3.171	8.8	21.3
10 28	23 36.16	− 0 18.6	2.340	3.163	11.7	21.5
4166	Pontryagin		9 22.3	285.°13	1.°5/23.6	18
8 19	0 21.44	+ 5 37.5	1.749	2.599	14.8	16.9
8 29	0 16.70	+ 5 25.3	1.673	2.596	11.3	16.7
9 8	0 9.89	+ 4 57.7	1.619	2.592	7.3	16.4
9 18	0 1.66	+ 4 17.6	1.590	2.589	3.0	16.2
9 28	23 52.95	+ 3 29.9	1.588	2.586	2.5	16.1
10 8	23 44.84	+ 2 41.3	1.614	2.583	6.8	16.4
10 18	23 38.24	+ 1 57.9	1.665	2.580	10.9	16.6
10 28	23 33.86	+ 1 25.2	1.738	2.577	14.4	16.9
255120	2005 UF_{110}		9 22.3	2.°23	1.°8/23.9	18
8 19	0 17.80	+ 6 17.7	1.621	2.479	15.4	19.9
8 29	0 14.10	+ 6 8.6	1.551	2.477	11.8	19.6
9 8	0 8.34	+ 5 42.8	1.503	2.477	7.7	19.4
9 18	0 1.19	+ 5 3.2	1.479	2.478	3.4	19.1
9 28	23 53.60	+ 4 15.1	1.481	2.479	2.7	19.1
10 8	23 46.65	+ 3 25.3	1.509	2.481	6.8	19.4
10 18	23 41.23	+ 2 40.6	1.562	2.484	11.0	19.6
10 28	23 38.04	+ 2 6.7	1.637	2.488	14.6	19.9
211369	2002 TD_{257}		9 22.3	327.°68	1.°5/20.9	18
8 19	0 20.79	− 2 22.1	1.664	2.541	14.1	19.9
8 29	0 16.30	− 2 48.1	1.592	2.533	10.5	19.7
9 8	0 9.69	− 3 23.2	1.541	2.525	6.3	19.4
9 18	0 1.60	− 4 2.5	1.516	2.518	2.1	19.2
9 28	23 53.04	− 4 39.9	1.517	2.511	3.7	19.3
10 8	23 45.09	− 5 9.0	1.544	2.505	8.1	19.5
10 18	23 38.70	− 5 25.3	1.597	2.498	12.2	19.7
10 28	23 34.60	− 5 25.9	1.671	2.493	15.7	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
418075	2007 VW_{238}		9 22.3	221.°86	4.°7/26.5	17
	h m	° ′			°	m
8 19	0 22.18	+13 57.9	1.518	2.342	17.9	21.4
8 29	0 17.63	+13 53.4	1.440	2.339	14.5	21.2
9 8	0 10.65	+13 23.6	1.382	2.335	10.4	20.9
9 18	0 1.93	+12 29.0	1.347	2.332	6.5	20.7
9 28	23 52.60	+11 14.3	1.337	2.328	4.8	20.6
10 8	23 43.94	+ 9 48.1	1.353	2.324	7.6	20.7
10 18	23 37.06	+ 8 20.6	1.394	2.320	11.8	21.0
10 28	23 32.78	+ 7 1.7	1.458	2.316	15.7	21.2
104383	2000 FD_{36}		9 22.3	222.°07	4.°4/18.1	18
8 19	0 23.33	−11 29.5	1.987	2.864	12.1	19.1
8 29	0 17.81	−12 12.7	1.922	2.861	9.1	18.9
9 8	0 10.42	−12 56.3	1.881	2.858	6.0	18.7
9 18	0 1.80	−13 34.3	1.866	2.855	4.4	18.6
9 28	23 52.84	−14 0.8	1.880	2.852	6.0	18.7
10 8	23 44.51	−14 11.6	1.920	2.849	9.0	18.9
10 18	23 37.61	−14 4.8	1.985	2.846	12.1	19.1
10 28	23 32.78	−13 40.3	2.072	2.842	14.9	19.3
135879	2002 TF_{43}		9 22.3	295.°86	2.°9/19.9	18
8 19	0 23.16	− 6 39.8	1.804	2.680	13.2	19.6
8 29	0 17.99	− 7 5.0	1.724	2.665	9.8	19.4
9 8	0 10.70	− 7 34.8	1.668	2.651	6.0	19.1
9 18	0 1.93	− 8 4.2	1.637	2.636	3.0	18.9
9 28	23 52.63	− 8 27.1	1.634	2.622	4.7	19.0
10 8	23 43.88	− 8 38.6	1.658	2.608	8.6	19.2
10 18	23 36.64	− 8 35.3	1.707	2.594	12.4	19.4
10 28	23 31.64	− 8 15.9	1.777	2.580	15.7	19.6
367885	2011 UV_{405}		9 22.3	266.°42	8.°1/14.9	18
8 19	0 30.21	−24 14.4	2.112	2.971	12.3	21.0
8 29	0 22.97	−24 55.7	2.041	2.954	10.1	20.9
9 8	0 13.58	−25 27.0	1.994	2.936	8.5	20.7
9 18	0 2.77	−25 41.4	1.973	2.919	8.1	20.7
9 28	23 51.55	−25 33.0	1.980	2.901	9.4	20.7
10 8	23 41.04	−24 59.7	2.012	2.883	11.7	20.8
10 18	23 32.17	−24 2.4	2.068	2.864	14.1	21.0
10 28	23 25.63	−22 44.4	2.145	2.846	16.4	21.1
373784	2002 TM_{355}		9 22.3	230.°18	1.°4/23.6	18
8 19	0 20.45	+ 7 21.6	1.593	2.443	16.0	21.6
8 29	0 16.16	+ 6 38.9	1.517	2.440	12.2	21.4
9 8	0 9.66	+ 5 35.5	1.462	2.435	7.9	21.1
9 18	0 1.62	+ 4 15.5	1.432	2.431	3.2	20.8
9 28	23 53.06	+ 2 46.3	1.428	2.427	2.6	20.8
10 8	23 45.12	+ 1 17.3	1.452	2.422	7.3	21.1
10 18	23 38.82	− 0 2.4	1.501	2.417	11.8	21.3
10 28	23 34.90	− 1 5.8	1.572	2.412	15.7	21.6
185990	2001 OS_{12}		9 22.3	28.°31	4.°2/25.5	18
8 19	0 21.14	+10 12.7	1.187	2.045	19.8	19.1
8 29	0 17.11	+10 27.5	1.133	2.055	15.6	18.9
9 8	0 10.38	+10 17.6	1.098	2.065	10.8	18.7
9 18	0 1.84	+ 9 44.7	1.084	2.077	6.0	18.4
9 28	23 52.84	+ 8 54.3	1.094	2.089	4.5	18.4
10 8	23 44.85	+ 7 55.9	1.128	2.102	8.2	18.6
10 18	23 39.02	+ 6 59.1	1.184	2.116	12.8	18.9
10 28	23 36.12	+ 6 12.5	1.262	2.131	16.9	19.2
113478	2002 ST_{63}		9 22.3	55.°32	0.°9/22.9	17 R
8 19	0 23.40	+ 4 48.0	1.197	2.070	18.8	19.4
8 29	0 18.49	+ 4 16.0	1.157	2.092	14.0	19.2
9 8	0 11.01	+ 3 24.5	1.136	2.116	8.7	19.0
9 18	0 1.97	+ 2 19.6	1.138	2.139	3.0	18.7
9 28	23 52.74	+ 1 10.4	1.165	2.163	3.0	18.8
10 8	23 44.68	+ 0 6.8	1.216	2.187	8.3	19.2
10 18	23 38.82	− 0 43.6	1.292	2.212	13.0	19.5
10 28	23 35.78	− 1 15.7	1.388	2.236	16.9	19.9
92377	2000 HX_{58}		9 22.3	155.°35	1.°8/23.7	18
8 19	0 25.70	+ 6 5.7	1.438	2.291	17.3	20.0
8 29	0 20.20	+ 5 55.3	1.371	2.294	13.2	19.8
9 8	0 12.16	+ 5 26.5	1.324	2.298	8.5	19.5
9 18	0 2.39	+ 4 42.2	1.302	2.301	3.6	19.2
9 28	23 52.09	+ 3 48.7	1.306	2.304	3.0	19.2
10 8	23 42.62	+ 2 54.1	1.336	2.306	7.8	19.5
10 18	23 35.11	+ 2 6.1	1.391	2.308	12.4	19.8
10 28	23 30.35	+ 1 31.0	1.467	2.310	16.4	20.0
408412	2013 GO_{127}		9 22.3	28.°42	2.°2/20.1	18
8 19	0 18.88	− 4 25.7	1.890	2.768	12.6	20.2
8 29	0 14.51	− 5 4.2	1.833	2.776	9.2	20.0
9 8	0 8.41	− 5 48.9	1.800	2.784	5.5	19.8
9 18	0 1.19	− 6 34.4	1.792	2.793	2.4	19.7
9 28	23 53.72	− 7 14.9	1.812	2.802	4.0	19.8
10 8	23 46.88	− 7 45.1	1.859	2.811	7.6	20.0
10 18	23 41.42	− 8 1.8	1.931	2.821	11.0	20.3
10 28	23 37.90	− 8 2.9	2.025	2.832	13.9	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
507941	2015 AA_{210}		9 22.3	324.°81	3.°1/20.4	17
	h m	° ′			°	m
8 19	0 21.34	− 4 31.1	1.034	1.938	18.5	21.4
8 29	0 17.93	− 4 56.0	0.964	1.919	13.8	21.0
9 8	0 11.31	− 5 31.8	0.913	1.901	8.4	20.7
9 18	0 2.25	− 6 11.4	0.882	1.884	3.5	20.3
9 28	23 52.21	− 6 44.8	0.874	1.868	5.8	20.4
10 8	23 42.98	− 7 2.5	0.889	1.853	11.7	20.7
10 18	23 36.12	− 6 58.8	0.923	1.839	17.3	21.0
10 28	23 32.72	− 6 31.2	0.974	1.826	22.1	21.2
192882	1999 XT_{61}		9 22.3	336.°45	11.°6/11.5	18
8 19	0 22.34	−26 3.4	1.453	2.340	15.2	19.3
8 29	0 17.84	−27 37.4	1.407	2.330	13.0	19.1
9 8	0 10.76	−28 57.6	1.382	2.322	11.7	19.0
9 18	0 1.96	−29 52.7	1.379	2.313	11.9	19.0
9 28	23 52.72	−30 13.9	1.399	2.306	13.6	19.1
10 8	23 44.44	−29 58.0	1.439	2.299	16.1	19.3
10 18	23 38.20	−29 6.7	1.498	2.293	18.7	19.4
10 28	23 34.73	−27 45.2	1.574	2.288	21.0	19.6
50504	2000 DJ_{98}		9 22.3	27.°60	4.°8/17.4	18
8 19	0 18.55	− 8 53.3	1.660	2.551	13.4	18.5
8 29	0 14.54	−10 18.1	1.606	2.555	9.8	18.3
9 8	0 8.55	−11 47.1	1.576	2.558	6.4	18.1
9 18	0 1.26	−13 11.7	1.571	2.562	4.8	18.0
9 28	23 53.64	−14 23.1	1.593	2.566	6.7	18.2
10 8	23 46.72	−15 14.3	1.640	2.571	10.2	18.4
10 18	23 41.36	−15 41.9	1.711	2.575	13.5	18.6
10 28	23 38.16	−15 45.5	1.801	2.580	16.4	18.8
463426	2013 KB_1		9 22.3	100.°70	2.°6/20.2	16
8 19	0 27.19	− 2 59.3	1.425	2.300	16.1	22.1
8 29	0 20.96	− 3 59.7	1.383	2.324	11.7	21.8
9 8	0 12.38	− 5 9.3	1.362	2.346	6.9	21.6
9 18	0 2.39	− 6 20.2	1.367	2.368	2.8	21.4
9 28	23 52.24	− 7 23.3	1.399	2.390	4.8	21.6
10 8	23 43.19	− 8 11.3	1.458	2.411	9.2	21.9
10 18	23 36.19	− 8 40.0	1.541	2.431	13.3	22.2
10 28	23 31.85	− 8 47.9	1.644	2.450	16.6	22.5
309645	2008 CA_{202}		9 22.3	3.°76	2.°5/19.6	18
8 19	0 18.36	− 4 5.9	1.953	2.830	12.4	20.6
8 29	0 14.17	− 5 7.2	1.887	2.830	9.0	20.3
9 8	0 8.24	− 6 16.1	1.846	2.830	5.4	20.1
9 18	0 1.17	− 7 26.6	1.830	2.830	2.6	19.9
9 28	23 53.77	− 8 31.7	1.843	2.830	4.3	20.1
10 8	23 46.92	− 9 25.1	1.883	2.830	7.9	20.3
10 18	23 41.38	−10 2.5	1.948	2.831	11.3	20.5
10 28	23 37.73	−10 21.7	2.035	2.831	14.2	20.7
515844	2015 OX_{17}		9 22.3	17.°57	0.°2/22.4	18
8 19	0 20.97	+ 1 43.1	1.629	2.496	14.9	21.1
8 29	0 16.39	+ 1 29.1	1.565	2.499	11.1	20.9
9 8	0 9.71	+ 1 2.7	1.522	2.503	6.8	20.6
9 18	0 1.64	+ 0 28.0	1.504	2.506	2.1	20.3
9 28	23 53.17	− 0 9.6	1.513	2.511	2.7	20.4
10 8	23 45.40	− 0 43.7	1.548	2.515	7.3	20.7
10 18	23 39.25	− 1 9.0	1.608	2.520	11.4	20.9
10 28	23 35.39	− 1 21.7	1.690	2.526	14.9	21.2
353567	2011 SM_{231}		9 22.3	22.°79	1.°2/23.3	18
8 19	0 20.34	+ 4 11.3	1.453	2.320	16.3	20.1
8 29	0 16.09	+ 4 3.9	1.395	2.328	12.4	19.9
9 8	0 9.59	+ 3 40.9	1.358	2.336	7.8	19.7
9 18	0 1.61	+ 3 5.7	1.344	2.345	2.9	19.4
9 28	23 53.25	+ 2 24.3	1.356	2.354	2.7	19.4
10 8	23 45.69	+ 1 43.8	1.393	2.365	7.4	19.7
10 18	23 39.91	+ 1 10.7	1.455	2.376	11.8	20.0
10 28	23 36.59	+ 0 49.9	1.538	2.387	15.5	20.3
103093	1999 XD_{166}		9 22.3	284.°61	4.°2/18.9	18
8 19	0 25.48	−10 9.2	1.779	2.656	13.3	18.8
8 29	0 19.81	−10 39.0	1.697	2.637	10.0	18.6
9 8	0 11.88	−11 10.7	1.638	2.618	6.5	18.4
9 18	0 2.34	−11 38.1	1.605	2.599	4.2	18.2
9 28	23 52.21	−11 54.9	1.599	2.579	5.9	18.2
10 8	23 42.62	−11 56.2	1.621	2.560	9.6	18.4
10 18	23 34.62	−11 39.6	1.666	2.540	13.3	18.6
10 28	23 29.00	−11 4.6	1.733	2.521	16.7	18.8
11274	Castillo–Rogez		9 22.3	315.°24	0.°2/22.1	17
8 19	0 16.14	+ 0 47.7	2.676	3.531	10.1	19.3
8 29	0 12.22	+ 0 25.7	2.584	3.513	7.5	19.1
9 8	0 6.96	− 0 4.0	2.517	3.496	4.6	18.9
9 18	0 0.79	− 0 39.0	2.476	3.479	1.4	18.7
9 28	23 54.28	− 1 15.6	2.465	3.462	2.0	18.7
10 8	23 48.07	− 1 49.7	2.482	3.445	5.2	18.9
10 18	23 42.74	− 2 17.8	2.527	3.429	8.3	19.1
10 28	23 38.82	− 2 36.7	2.597	3.413	10.9	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
325615	2009 SL_{234}		9 22.3	337.°54	4.°9/16.9	18
	h m	° ′			°	m
8 19	0 18.88	−12 49.6	2.078	2.962	11.4	19.7
8 29	0 14.49	−13 49.2	2.016	2.958	8.6	19.6
9 8	0 8.42	−14 48.7	1.979	2.955	5.9	19.4
9 18	0 1.23	−15 41.8	1.968	2.951	4.9	19.3
9 28	23 53.74	−16 22.2	1.984	2.948	6.5	19.4
10 8	23 46.79	−16 45.4	2.026	2.945	9.2	19.6
10 18	23 41.13	−16 49.4	2.093	2.942	12.0	19.8
10 28	23 37.31	−16 34.1	2.181	2.940	14.5	20.0
483372	2016 SV_{36}		9 22.3	299.°70	2.°1/24.4	18
8 19	0 19.31	+ 8 8.7	1.797	2.639	14.8	21.3
8 29	0 15.13	+ 7 47.5	1.717	2.634	11.5	21.1
9 8	0 8.98	+ 7 8.5	1.659	2.628	7.6	20.8
9 18	0 1.45	+ 6 14.2	1.626	2.623	3.6	20.6
9 28	23 53.45	+ 5 9.8	1.620	2.618	2.7	20.5
10 8	23 45.98	+ 4 2.7	1.641	2.612	6.5	20.8
10 18	23 39.94	+ 2 59.9	1.688	2.607	10.5	21.0
10 28	23 36.01	+ 2 7.9	1.759	2.602	14.1	21.2
481406	2006 SJ_{291}		9 22.3	24.°22	13.°0/13.8	18
8 19	0 25.60	−28 37.1	1.210	2.098	17.5	19.1
8 29	0 20.17	−29 45.4	1.193	2.114	15.0	19.0
9 8	0 11.98	−30 31.3	1.195	2.132	13.3	19.0
9 18	0 2.26	−30 44.8	1.217	2.151	13.2	19.1
9 28	23 52.60	−30 20.4	1.261	2.171	14.5	19.2
10 8	23 44.45	−29 19.2	1.324	2.192	16.7	19.4
10 18	23 38.79	−27 47.0	1.406	2.215	19.0	19.6
10 28	23 36.12	−25 51.2	1.505	2.238	21.0	19.9
447329	2005 YW_{21}		9 22.3	319.°37	3.°3/18.7	18
8 19	0 18.33	− 7 17.0	1.965	2.847	12.1	21.1
8 29	0 14.21	− 8 11.3	1.894	2.838	8.9	20.9
9 8	0 8.33	− 9 10.5	1.846	2.829	5.5	20.6
9 18	0 1.23	−10 8.7	1.824	2.820	3.4	20.5
9 28	23 53.76	−10 59.3	1.831	2.812	5.1	20.6
10 8	23 46.79	−11 36.5	1.863	2.804	8.4	20.8
10 18	23 41.11	−11 56.9	1.921	2.796	11.8	21.0
10 28	23 37.35	−11 58.7	2.000	2.789	14.7	21.2
286779	2002 JD_{80}		9 22.3	56.°80	5.°1/27.8	16
8 19	0 19.88	+17 25.7	1.539	2.348	18.4	20.1
8 29	0 15.59	+16 57.8	1.488	2.373	14.8	20.0
9 8	0 9.18	+16 1.7	1.455	2.399	10.9	19.8
9 18	0 1.47	+14 40.1	1.446	2.424	7.0	19.6
9 28	23 53.54	+12 59.6	1.462	2.450	5.1	19.6
10 8	23 46.50	+11 10.6	1.505	2.476	7.0	19.8
10 18	23 41.22	+ 9 23.7	1.574	2.501	10.5	20.0
10 28	23 38.28	+ 7 48.3	1.666	2.527	13.9	20.3
516235	2016 UH_{37}		9 22.3	8.°21	1.°5/21.1	18
8 19	0 19.98	− 1 36.8	1.442	2.325	15.5	20.8
8 29	0 15.89	− 2 8.3	1.381	2.326	11.4	20.5
9 8	0 9.51	− 2 50.8	1.342	2.328	6.8	20.3
9 18	0 1.62	− 3 38.5	1.327	2.330	2.2	20.0
9 28	23 53.30	− 4 24.0	1.338	2.333	3.8	20.1
10 8	23 45.75	− 5 0.0	1.374	2.337	8.6	20.4
10 18	23 39.98	− 5 21.5	1.433	2.341	12.9	20.7
10 28	23 36.68	− 5 25.3	1.514	2.346	16.6	20.9
342758	2008 WF_{83}		9 22.3	240.°55	0.°1/22.2	18
8 19	0 19.97	+ 2 43.6	1.904	2.761	13.5	21.7
8 29	0 15.51	+ 1 59.7	1.824	2.754	10.1	21.5
9 8	0 9.16	+ 1 2.2	1.767	2.747	6.2	21.2
9 18	0 1.50	− 0 4.7	1.737	2.739	1.9	20.9
9 28	23 53.41	− 1 14.6	1.735	2.732	2.6	21.0
10 8	23 45.81	− 2 20.3	1.760	2.724	6.9	21.2
10 18	23 39.58	− 3 15.7	1.812	2.716	10.8	21.4
10 28	23 35.35	− 3 56.1	1.886	2.708	14.2	21.6
431661	2008 CQ_{43}		9 22.3	318.°75	1.°4/21.4	17
8 19	0 24.28	− 2 16.4	1.250	2.136	17.2	20.7
8 29	0 19.63	− 2 24.5	1.178	2.124	12.9	20.4
9 8	0 12.10	− 2 43.3	1.126	2.112	7.8	20.1
9 18	0 2.48	− 3 7.7	1.097	2.100	2.4	19.8
9 28	23 52.09	− 3 30.7	1.093	2.089	4.1	19.9
10 8	23 42.48	− 3 45.1	1.113	2.079	9.7	20.2
10 18	23 34.98	− 3 45.8	1.156	2.069	14.8	20.4
10 28	23 30.53	− 3 29.6	1.218	2.060	19.2	20.7
451317	2010 UD_{68}		9 22.3	10.°67	4.°2/26.7	18
8 19	0 17.46	+13 50.6	1.787	2.607	15.8	20.5
8 29	0 13.75	+13 44.1	1.713	2.609	12.7	20.3
9 8	0 8.12	+13 15.9	1.660	2.611	9.2	20.1
9 18	0 1.19	+12 27.4	1.630	2.614	5.7	19.9
9 28	23 53.84	+11 22.7	1.626	2.617	4.3	19.8
10 8	23 47.07	+10 8.9	1.649	2.620	6.5	20.0
10 18	23 41.73	+ 8 54.0	1.698	2.624	10.0	20.2
10 28	23 38.47	+ 7 45.6	1.771	2.629	13.3	20.4

68156 2001 BE_{11} 9 22.3 283.°58 6.°4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.84	+21 6.7	2.291	3.048	14.6	19.0
8 29	0 15.30	+21 32.6	2.200	3.042	12.4	18.9
9 8	0 9.00	+21 38.5	2.129	3.035	9.9	18.7
9 18	0 1.46	+21 23.0	2.081	3.028	7.7	18.5
9 28	23 53.44	+20 47.0	2.059	3.021	6.4	18.5
10 8	23 45.80	+19 54.4	2.064	3.015	7.1	18.5
10 18	23 39.35	+18 51.0	2.096	3.008	9.2	18.6
10 28	23 34.74	+17 43.9	2.153	3.001	11.7	18.8

507200 2010 TX_{23} 9 22.3 259.°19 0.°2/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.61	+ 2 53.0	1.470	2.339	16.1	21.7
8 29	0 17.26	+ 2 6.9	1.394	2.329	12.1	21.4
9 8	0 10.48	+ 1 2.9	1.338	2.319	7.4	21.1
9 18	0 1.96	− 0 13.6	1.307	2.309	2.2	20.8
9 28	23 52.81	− 1 34.3	1.302	2.299	3.2	20.8
10 8	23 44.29	− 2 49.4	1.323	2.289	8.4	21.1
10 18	23 37.53	− 3 50.7	1.369	2.278	13.2	21.3
10 28	23 33.36	− 4 32.3	1.435	2.268	17.3	21.6

139241 2001 HT_{27} 9 22.3 98.°19 3.°2/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.31	− 6 8.0	1.558	2.435	14.9	19.9
8 29	0 20.23	− 6 54.4	1.511	2.453	10.9	19.7
9 8	0 11.95	− 7 45.9	1.487	2.470	6.6	19.5
9 18	0 2.31	− 8 35.7	1.488	2.487	3.3	19.4
9 28	23 52.47	− 9 16.4	1.516	2.503	5.2	19.5
10 8	23 43.60	− 9 42.3	1.571	2.519	9.1	19.8
10 18	23 36.61	− 9 50.5	1.651	2.535	12.9	20.1
10 28	23 32.11	− 9 40.3	1.751	2.550	16.1	20.3

240983 2006 KW_1 9 22.3 166.°17 5.°0/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.72	+17 54.3	2.150	2.930	14.8	20.5
8 29	0 15.91	+17 46.3	2.068	2.934	12.1	20.3
9 8	0 9.32	+17 17.0	2.007	2.937	9.2	20.2
9 18	0 1.55	+16 26.7	1.971	2.940	6.4	20.0
9 28	23 53.39	+15 18.6	1.962	2.942	5.0	19.9
10 8	23 45.74	+13 58.7	1.980	2.944	6.3	20.0
10 18	23 39.39	+12 34.3	2.027	2.945	9.1	20.2
10 28	23 34.95	+11 13.0	2.098	2.946	11.9	20.4

410870 2009 SR_{14} 9 22.3 351.°57 1.°8/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.77	+ 8 46.9	2.178	3.012	12.9	20.9
8 29	0 12.91	+ 8 11.6	2.100	3.011	9.9	20.7
9 8	0 7.47	+ 7 20.3	2.044	3.010	6.6	20.5
9 18	0 0.98	+ 6 16.0	2.014	3.010	3.1	20.3
9 28	23 54.16	+ 5 3.5	2.012	3.009	2.3	20.3
10 8	23 47.79	+ 3 49.1	2.038	3.009	5.5	20.5
10 18	23 42.57	+ 2 39.3	2.092	3.009	8.9	20.7
10 28	23 39.06	+ 1 39.4	2.171	3.008	12.0	20.9

13362 1998 UQ_{16} 9 22.3 177.°65 1.°9/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.03	− 9 38.1	4.453	5.320	6.2	18.4
8 29	0 9.39	−10 8.0	4.384	5.320	4.5	18.2
9 8	0 5.02	−10 38.4	4.342	5.320	2.9	18.1
9 18	0 0.19	−11 7.2	4.328	5.320	1.9	18.0
9 28	23 55.22	−11 32.0	4.345	5.320	2.7	18.1
10 8	23 50.48	−11 50.8	4.391	5.320	4.4	18.2
10 18	23 46.27	−12 2.1	4.465	5.320	6.0	18.4
10 28	23 42.89	−12 5.1	4.564	5.320	7.5	18.5

40262 1999 CF_{156} 9 22.3 260.°72 2.°4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.70	−12 29.8	4.650	5.519	5.9	20.4
8 29	0 9.15	−13 3.9	4.574	5.509	4.4	20.3
9 8	0 4.89	−13 37.8	4.525	5.499	3.0	20.2
9 18	0 0.15	−14 9.0	4.505	5.488	2.4	20.1
9 28	23 55.27	−14 35.3	4.514	5.478	3.2	20.2
10 8	23 50.58	−14 54.6	4.553	5.467	4.6	20.3
10 18	23 46.39	−15 5.6	4.619	5.457	6.2	20.4
10 28	23 43.00	−15 7.6	4.709	5.446	7.5	20.5

163193 2002 EQ_{12} 9 22.3 82.°10 1.°2/23.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.81	+ 2 4.7	1.782	2.620	15.1	20.0
8 29	0 25.49	+ 2 36.8	1.729	2.646	11.4	19.8
9 8	0 15.01	+ 2 59.1	1.700	2.672	7.1	19.6
9 18	0 3.24	+ 3 13.0	1.698	2.697	2.7	19.4
9 28	23 51.31	+ 3 21.3	1.725	2.723	2.5	19.4
10 8	23 40.37	+ 3 27.5	1.782	2.748	6.7	19.8
10 18	23 31.36	+ 3 35.2	1.867	2.772	10.5	20.0
10 28	23 24.86	+ 3 47.5	1.976	2.796	13.7	20.3

141056 2001 XV_4 9 22.3 154.°83 14.°5/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.00	+44 38.7	1.989	2.542	21.7	21.8
8 29	0 29.67	+45 39.3	1.914	2.559	20.2	21.7
9 8	0 18.13	+46 4.5	1.851	2.574	18.5	21.5
9 18	0 4.32	+45 46.6	1.803	2.587	16.8	21.4
9 28	23 49.79	+44 41.8	1.775	2.598	15.3	21.4
10 8	23 36.31	+42 53.1	1.768	2.607	14.5	21.3
10 18	23 25.34	+40 29.8	1.784	2.614	14.7	21.4
10 28	23 17.81	+37 46.0	1.824	2.619	15.7	21.5

37777 1997 GE_{32} 9 22.3 50.°16 1.°5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.89	− 3 30.0	1.954	2.823	12.7	18.8
8 29	0 16.68	− 3 49.9	1.896	2.833	9.3	18.6
9 8	0 9.72	− 4 15.9	1.861	2.844	5.5	18.4
9 18	0 1.65	− 4 43.6	1.853	2.855	1.9	18.2
9 28	23 53.34	− 5 8.3	1.873	2.866	3.3	18.3
10 8	23 45.69	− 5 25.5	1.921	2.878	7.0	18.5
10 18	23 39.46	− 5 32.0	1.994	2.889	10.5	18.8
10 28	23 35.20	− 5 26.1	2.091	2.901	13.4	19.0

14689 2000 AM_2 9 22.3 325.°73 3.°0/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.32	− 5 6.1	1.307	2.197	16.4	17.3
8 29	0 18.73	− 5 35.5	1.240	2.188	12.1	17.0
9 8	0 11.45	− 6 13.1	1.194	2.180	7.4	16.7
9 18	0 2.28	− 6 52.1	1.171	2.172	3.2	16.4
9 28	23 52.48	− 7 24.4	1.173	2.164	5.3	16.6
10 8	23 43.48	− 7 42.8	1.200	2.157	10.2	16.8
10 18	23 36.52	− 7 42.9	1.249	2.151	14.8	17.1
10 28	23 32.43	− 7 23.0	1.318	2.145	18.8	17.3

258634 2002 EN_{29} 9 22.3 207.°10 0.°1/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.47	+ 3 19.4	2.539	3.385	10.9	21.0
8 29	0 13.22	+ 2 25.2	2.457	3.381	8.1	20.8
9 8	0 7.58	+ 1 19.7	2.399	3.377	4.9	20.6
9 18	0 1.02	+ 0 6.8	2.370	3.372	1.5	20.3
9 28	23 54.15	− 1 8.5	2.370	3.367	2.0	20.4
10 8	23 47.67	− 2 20.6	2.400	3.362	5.5	20.6
10 18	23 42.17	− 3 24.3	2.458	3.356	8.6	20.8
10 28	23 38.16	− 4 15.8	2.540	3.350	11.3	20.9

317709 2003 QM_{20} 9 22.3 358.°14 1.°1/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.32	− 2 28.8	2.053	2.918	12.3	20.2
8 29	0 16.30	− 2 40.6	1.982	2.917	9.1	20.0
9 8	0 9.54	− 2 59.0	1.934	2.916	5.4	19.8
9 18	0 1.63	− 3 20.3	1.914	2.916	1.7	19.5
9 28	23 53.37	− 3 40.3	1.921	2.916	2.9	19.6
10 8	23 45.67	− 3 54.6	1.956	2.916	6.7	19.9
10 18	23 39.27	− 4 0.1	2.018	2.916	10.2	20.1
10 28	23 34.78	− 3 54.4	2.103	2.917	13.2	20.3

511497 2014 OV_{96} 9 22.3 124.°00 4.°8/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.54	+18 45.6	2.958	3.705	11.9	21.9
8 29	0 18.24	+19 16.4	2.882	3.721	9.8	21.8
9 8	0 10.53	+19 32.2	2.829	3.738	7.7	21.7
9 18	0 1.90	+19 32.7	2.803	3.754	5.7	21.6
9 28	23 53.01	+19 18.7	2.805	3.769	4.8	21.5
10 8	23 44.54	+18 53.1	2.836	3.784	5.6	21.6
10 18	23 37.10	+18 19.8	2.897	3.798	7.3	21.7
10 28	23 31.20	+17 43.4	2.984	3.812	9.3	21.9

34991 4295 $T\text{-}3$ 9 22.3 343.°85 4.°4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.76	− 8 3.2	1.345	2.240	15.7	18.1
8 29	0 17.44	− 8 49.8	1.284	2.234	11.6	17.8
9 8	0 10.59	− 9 41.5	1.244	2.229	7.3	17.5
9 18	0 2.00	−10 30.4	1.228	2.225	4.4	17.4
9 28	23 52.90	−11 7.6	1.237	2.221	6.5	17.5
10 8	23 44.63	−11 26.3	1.270	2.217	10.8	17.7
10 18	23 38.31	−11 23.1	1.325	2.215	15.0	18.0
10 28	23 34.71	−10 57.5	1.399	2.213	18.6	18.2

75273 1999 XC_{18} 9 22.3 217.°13 2.°3/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.02	− 3 49.9	1.607	2.481	14.7	18.5
8 29	0 19.53	− 4 28.1	1.537	2.477	10.8	18.3
9 8	0 11.73	− 5 14.8	1.489	2.473	6.5	18.0
9 18	0 2.34	− 6 4.1	1.467	2.468	2.6	17.8
9 28	23 52.45	− 6 48.7	1.472	2.463	4.4	17.9
10 8	23 43.25	− 7 21.9	1.503	2.458	8.8	18.1
10 18	23 35.80	− 7 39.3	1.560	2.452	13.0	18.4
10 28	23 30.83	− 7 38.5	1.637	2.446	16.6	18.6

119445 2001 TM_{154} 9 22.3 145.°73 3.°6/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.40	− 5 43.3	1.705	2.585	13.6	19.6
8 29	0 16.63	− 7 1.5	1.646	2.590	10.0	19.4
9 8	0 9.85	− 8 27.0	1.611	2.594	6.1	19.2
9 18	0 1.74	− 9 51.9	1.602	2.598	3.6	19.0
9 28	23 53.29	−11 7.5	1.620	2.602	5.6	19.2
10 8	23 45.54	−12 6.4	1.665	2.606	9.3	19.4
10 18	23 39.36	−12 44.3	1.735	2.609	12.9	19.6
10 28	23 35.39	−12 59.7	1.825	2.612	16.0	19.9

353563 2011 SA_{229} 9 22.3 47.°49 2.°3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.88	+ 8 27.8	1.754	2.595	15.1	20.6
8 29	0 15.48	+ 8 12.8	1.689	2.604	11.7	20.4
9 8	0 9.15	+ 7 40.2	1.645	2.612	7.8	20.2
9 18	0 1.54	+ 6 52.7	1.626	2.621	3.8	20.0
9 28	23 53.58	+ 5 55.6	1.633	2.630	2.8	20.0
10 8	23 46.28	+ 4 55.7	1.668	2.640	6.4	20.2
10 18	23 40.47	+ 4 0.0	1.729	2.649	10.2	20.5
10 28	23 36.80	+ 3 14.3	1.813	2.659	13.6	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
449027	2012 BQ_{148}		9 22.3	327.°57	2.°3/24.6	18
	h m	° ′			°	m
8 19	0 18.73	+ 8 5.2	1.907	2.747	14.2	20.9
8 29	0 14.64	+ 7 57.3	1.825	2.739	11.0	20.7
9 8	0 8.69	+ 7 33.5	1.764	2.731	7.4	20.5
9 18	0 1.42	+ 6 55.7	1.729	2.724	3.7	20.2
9 28	23 53.70	+ 6 7.9	1.721	2.717	2.7	20.1
10 8	23 46.45	+ 5 16.1	1.740	2.711	6.2	20.3
10 18	23 40.53	+ 4 26.7	1.785	2.705	10.0	20.6
10 28	23 36.60	+ 3 45.4	1.853	2.699	13.4	20.8
490317	2009 BF_{66}		9 22.3	304.°89	2.°3/24.1	16
8 19	0 21.74	+ 6 21.7	1.606	2.458	15.8	22.0
8 29	0 17.47	+ 6 27.6	1.507	2.429	12.4	21.8
9 8	0 10.76	+ 6 17.3	1.428	2.400	8.3	21.4
9 18	0 2.16	+ 5 51.7	1.373	2.371	3.9	21.1
9 28	23 52.64	+ 5 14.7	1.345	2.342	3.1	21.0
10 8	23 43.46	+ 4 32.5	1.342	2.313	7.6	21.2
10 18	23 35.80	+ 3 52.3	1.364	2.285	12.3	21.4
10 28	23 30.65	+ 3 21.0	1.408	2.257	16.6	21.6
167279	2003 UD_{166}		9 22.3	359.°47	0.°7/22.9	18
8 19	0 19.32	+ 4 2.0	1.541	2.407	15.6	20.3
8 29	0 15.36	+ 3 35.4	1.473	2.406	11.8	20.1
9 8	0 9.22	+ 2 52.6	1.426	2.405	7.4	19.8
9 18	0 1.60	+ 1 57.7	1.403	2.405	2.6	19.5
9 28	23 53.51	+ 0 57.5	1.407	2.405	2.6	19.5
10 8	23 46.09	− 0 0.2	1.436	2.406	7.4	19.8
10 18	23 40.32	− 0 48.3	1.490	2.407	11.8	20.1
10 28	23 36.90	− 1 21.4	1.565	2.408	15.6	20.3
466643	2014 WX_{51}		9 22.3	20.°96	0.°6/21.9	17
8 19	0 21.23	+ 0 23.1	0.885	1.790	20.8	20.6
8 29	0 17.75	+ 0 10.8	0.842	1.796	15.5	20.3
9 8	0 11.04	− 0 19.0	0.817	1.804	9.4	20.1
9 18	0 2.18	− 0 59.6	0.811	1.814	2.8	19.7
9 28	23 52.84	− 1 41.2	0.827	1.825	4.1	19.9
10 8	23 44.83	− 2 13.7	0.864	1.837	10.3	20.3
10 18	23 39.46	− 2 30.0	0.921	1.850	15.9	20.6
10 28	23 37.50	− 2 26.3	0.996	1.865	20.4	21.0
454534	2014 OH_{309}		9 22.3	284.°02	4.°5/16.9	18
8 19	0 18.00	−10 58.6	2.148	3.031	11.1	21.1
8 29	0 13.87	−12 13.6	2.080	3.023	8.3	20.9
9 8	0 8.10	−13 31.0	2.037	3.015	5.6	20.7
9 18	0 1.23	−14 44.0	2.021	3.007	4.5	20.6
9 28	23 54.00	−15 45.8	2.033	2.999	6.2	20.7
10 8	23 47.24	−16 31.0	2.071	2.991	9.0	20.9
10 18	23 41.68	−16 56.5	2.135	2.983	11.9	21.0
10 28	23 37.90	−17 1.5	2.219	2.975	14.4	21.2
234371	2001 OM_{89}		9 22.3	101.°57	2.°7/20.1	17
8 19	0 24.97	− 2 10.1	1.299	2.181	16.9	19.8
8 29	0 19.65	− 3 22.5	1.252	2.196	12.4	19.5
9 8	0 11.81	− 4 47.0	1.226	2.212	7.3	19.3
9 18	0 2.36	− 6 14.4	1.225	2.227	3.0	19.1
9 28	23 52.62	− 7 34.0	1.250	2.241	5.1	19.3
10 8	23 43.95	− 8 36.4	1.301	2.255	9.9	19.6
10 18	23 37.40	− 9 16.4	1.374	2.269	14.3	19.9
10 28	23 33.62	− 9 32.1	1.468	2.282	17.9	20.2
212405	2006 KM_{8}		9 22.3	146.°58	4.°4/26.3	18
8 19	0 23.40	+13 47.0	1.549	2.370	17.8	20.6
8 29	0 18.43	+13 34.5	1.478	2.376	14.2	20.3
9 8	0 11.12	+12 56.9	1.428	2.381	10.1	20.1
9 18	0 2.19	+11 55.8	1.400	2.386	6.1	19.9
9 28	23 52.77	+10 36.4	1.399	2.391	4.5	19.8
10 8	23 44.11	+ 9 7.8	1.424	2.395	7.3	20.0
10 18	23 37.24	+ 7 39.8	1.475	2.399	11.4	20.2
10 28	23 32.92	+ 6 21.8	1.549	2.402	15.2	20.5
444951	2008 CT_{124}		9 22.3	185.°79	2.°7/25.2	18
8 19	0 21.51	+ 9 40.8	2.284	3.102	12.9	21.6
8 29	0 16.38	+ 9 41.2	2.202	3.102	10.1	21.4
9 8	0 9.60	+ 9 27.5	2.143	3.101	6.9	21.2
9 18	0 1.70	+ 9 0.9	2.111	3.101	3.8	21.0
9 28	23 53.42	+ 8 24.4	2.106	3.100	2.9	21.0
10 8	23 45.59	+ 7 42.7	2.131	3.099	5.5	21.1
10 18	23 38.95	+ 7 0.7	2.183	3.098	8.7	21.3
10 28	23 34.08	+ 6 23.5	2.260	3.096	11.6	21.5
395475	2011 UH_{33}		9 22.3	346.°07	1.°7/23.9	18
8 19	0 19.17	+ 6 12.0	1.647	2.502	15.3	20.5
8 29	0 15.19	+ 5 58.3	1.573	2.498	11.8	20.3
9 8	0 9.11	+ 5 27.9	1.520	2.494	7.6	20.0
9 18	0 1.58	+ 4 43.6	1.491	2.490	3.3	19.8
9 28	23 53.57	+ 3 50.7	1.489	2.487	2.6	19.7
10 8	23 46.15	+ 2 56.5	1.513	2.485	6.9	20.0
10 18	23 40.27	+ 2 7.8	1.562	2.482	11.1	20.2
10 28	23 36.64	+ 1 30.6	1.634	2.481	14.8	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V	
124715	2001 SC_{155}		9 22.3	9.°96	1.°0/23.0	18	
	h m	° ′			°	m	
8 19	0 18.46	+ 3 43.3	1.093	1.981	19.0	19.3	
8 29	0 15.35	+ 3 32.8	1.039	1.983	14.4	19.1	
9 8	0 9.47	+ 3 2.8	1.003	1.986	9.0	18.8	
9 18	0 1.72	+ 2 17.8	0.989	1.991	3.2	18.5	
9 28	23 53.44	+ 1 26.0	0.998	1.997	3.2	18.5	
10 8	23 46.14	+ 0 37.2	1.030	2.005	8.8	18.9	
10 18	23 41.01	− 0 0.4	1.084	2.013	14.0	19.2	
10 28	23 38.84	− 0 20.8	1.157	2.023	18.3	19.5	
150230	1998 VW_{28}		9 22.3	344.°22	4.°4/25.1	18	
8 19	0 16.67	+ 8 13.8	1.026	1.907	20.5	18.6	
8 29	0 14.47	+ 8 49.0	0.956	1.891	16.3	18.3	
9 8	0 9.25	+ 9 1.2	0.903	1.877	11.3	17.9	
9 18	0 1.74	+ 8 50.0	0.869	1.865	6.3	17.6	
9 28	23 53.30	+ 8 19.2	0.857	1.854	4.8	17.5	
10 8	23 45.59	+ 7 37.1	0.867	1.845	9.3	17.7	
10 18	23 40.12	+ 6 54.0	0.897	1.838	14.6	18.0	
10 28	23 37.95	+ 6 19.9	0.945	1.833	19.5	18.3	
229482	2005 UD_{337}		9 22.3	190.°77	0.°8/21.5	18	
8 19	0 23.24	− 0 0.1	1.908	2.768	13.4	21.7	
8 29	0 17.89	− 0 37.1	1.835	2.767	9.9	21.5	
9 8	0 10.61	− 1 24.5	1.785	2.765	5.9	21.2	
9 18	0 2.02	− 2 18.1	1.761	2.764	1.8	21.0	
9 28	23 53.03	− 3 11.6	1.766	2.761	3.0	21.0	
10 8	23 44.61	− 3 58.8	1.799	2.758	7.2	21.3	
10 18	23 37.63	− 4 34.8	1.858	2.755	11.0	21.5	
10 28	23 32.75	− 4 56.0	1.940	2.751	14.3	21.7	
514230	2015 OJ_{85}		9 22.3	79.°61	0.°6/21.7	18	
8 19	0 19.26	+ 0 44.2	2.036	2.897	12.6	21.3	
8 29	0 14.79	+ 0 4.6	1.970	2.902	9.3	21.1	
9 8	0 8.64	− 0 45.2	1.926	2.907	5.6	20.9	
9 18	0 1.40	− 1 41.0	1.910	2.912	1.6	20.6	
9 28	23 53.86	− 2 37.1	1.922	2.918	2.6	20.7	
10 8	23 46.87	− 3 27.4	1.961	2.923	6.5	21.0	
10 18	23 41.15	− 4 7.4	2.027	2.928	10.0	21.2	
10 28	23 37.28	− 4 33.7	2.116	2.933	13.0	21.4	
261848	2006 DP_{161}		9 22.3	296.°27	0.°1/22.2	18	
8 19	0 18.44	+ 1 36.7	2.159	3.016	12.1	21.1	
8 29	0 14.26	+ 1 8.0	2.070	3.000	9.1	20.9	
9 8	0 8.40	+ 0 28.6	2.005	2.985	5.5	20.6	
9 18	0 1.36	− 0 18.2	1.967	2.969	1.7	20.3	
9 28	23 53.87	− 1 7.5	1.957	2.954	2.3	20.4	
10 8	23 46.77	− 1 53.8	1.974	2.938	6.3	20.6	
10 18	23 40.82	− 2 32.2	2.019	2.923	9.9	20.8	
10 28	23 36.63	− 2 58.7	2.087	2.908	13.0	21.0	
4952	Kibeshigemaro		9 22.3	120.°29	5.°5/14.7	18	R
8 19	0 18.53	−16 36.6	2.458	3.336	10.1	17.0	
8 29	0 14.00	−18 0.9	2.411	3.345	7.8	16.9	
9 8	0 8.05	−19 22.1	2.390	3.354	6.0	16.8	
9 18	0 1.20	−20 33.8	2.397	3.362	5.6	16.8	
9 28	23 54.14	−21 30.5	2.432	3.371	7.0	16.9	
10 8	23 47.59	−22 8.2	2.493	3.379	9.1	17.0	
10 18	23 42.16	−22 25.7	2.578	3.387	11.3	17.2	
10 28	23 38.32	−22 23.2	2.684	3.394	13.2	17.4	
379695	2011 FW_{74}		9 22.3	267.°99	0.°1/22.3	18	
8 19	0 23.55	+ 1 31.8	1.609	2.473	15.2	21.8	
8 29	0 18.61	+ 1 11.4	1.526	2.459	11.5	21.6	
9 8	0 11.31	+ 0 37.5	1.466	2.446	7.0	21.3	
9 18	0 2.30	− 0 5.9	1.430	2.432	2.2	21.0	
9 28	23 52.63	− 0 52.7	1.420	2.418	2.9	21.0	
10 8	23 43.52	− 1 35.8	1.438	2.404	7.9	21.3	
10 18	23 36.05	− 2 8.9	1.480	2.389	12.5	21.5	
10 28	23 31.06	− 2 27.4	1.544	2.375	16.4	21.7	
447325	2005 XA_{105}		9 22.3	228.°37	2.°4/19.3	18	
8 19	0 18.46	− 5 46.6	2.457	3.327	10.4	21.7	
8 29	0 14.00	− 6 37.0	2.384	3.322	7.6	21.5	
9 8	0 8.10	− 7 32.3	2.335	3.317	4.6	21.3	
9 18	0 1.23	− 8 27.8	2.314	3.312	2.4	21.2	
9 28	23 54.07	− 9 18.3	2.322	3.306	3.9	21.3	
10 8	23 47.32	− 9 59.2	2.358	3.300	6.8	21.5	
10 18	23 41.62	−10 27.2	2.421	3.294	9.7	21.6	
10 28	23 37.47	−10 40.4	2.507	3.288	12.3	21.8	
72975	2002 CB_{232}		9 22.3	70.°38	3.°9/19.2	18	
8 19	0 30.12	−12 51.7	2.146	3.008	12.0	18.6	
8 29	0 22.42	−12 58.5	2.101	3.032	8.9	18.4	
9 8	0 13.03	−13 2.7	2.082	3.056	5.8	18.3	
9 18	0 2.68	−13 0.1	2.090	3.080	3.9	18.2	
9 28	23 52.30	−12 47.3	2.129	3.104	5.2	18.3	
10 8	23 42.80	−12 22.3	2.196	3.127	7.9	18.5	
10 18	23 34.90	−11 45.3	2.290	3.151	10.7	18.8	
10 28	23 29.08	−10 56.9	2.408	3.174	13.1	19.0	

218578 2005 JT_{86} 9 22.3 73.°11 1.°3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.99	+ 5 5.1	1.377	2.236	17.6	20.3
8 29	0 20.23	+ 4 47.3	1.332	2.259	13.2	20.1
9 8	0 12.07	+ 4 12.0	1.307	2.283	8.3	19.9
9 18	0 2.44	+ 3 23.8	1.306	2.306	3.2	19.6
9 28	23 52.61	+ 2 29.7	1.331	2.330	2.8	19.7
10 8	23 43.85	+ 1 38.0	1.383	2.353	7.6	20.0
10 18	23 37.16	+ 0 55.4	1.459	2.376	12.0	20.3
10 28	23 33.14	+ 0 26.8	1.557	2.398	15.7	20.6

300845 2007 YH_3 9 22.3 64.°24 1.°3/23.6 18

8 19	0 20.03	+ 5 54.4	1.877	2.725	14.1	20.7
8 29	0 15.54	+ 5 30.7	1.806	2.727	10.7	20.5
9 8	0 9.18	+ 4 51.9	1.757	2.730	6.8	20.3
9 18	0 1.59	+ 4 1.3	1.733	2.733	2.8	20.1
9 28	23 53.63	+ 3 4.3	1.737	2.736	2.3	20.0
10 8	23 46.24	+ 2 7.2	1.769	2.738	6.3	20.3
10 18	23 40.24	+ 1 16.3	1.827	2.741	10.1	20.6
10 28	23 36.27	+ 0 36.6	1.908	2.744	13.5	20.8

94248 2001 CX_{21} 9 22.3 122.°06 1.°0/23.6 18

8 19	0 20.35	+ 5 3.5	2.473	3.308	11.5	19.6
8 29	0 15.31	+ 4 48.9	2.402	3.318	8.7	19.4
9 8	0 8.85	+ 4 23.7	2.356	3.327	5.5	19.2
9 18	0 1.46	+ 3 50.3	2.337	3.336	2.2	19.0
9 28	23 53.83	+ 3 12.4	2.347	3.345	1.9	19.0
10 8	23 46.67	+ 2 34.3	2.387	3.354	5.1	19.2
10 18	23 40.60	+ 2 0.1	2.454	3.362	8.2	19.5
10 28	23 36.12	+ 1 33.3	2.546	3.370	10.9	19.6

252736 2002 CL_{299} 9 22.3 283.°12 1.°6/23.4 18

8 19	0 25.68	+ 4 14.7	1.359	2.221	17.5	20.8
8 29	0 20.56	+ 4 22.1	1.283	2.212	13.5	20.5
9 8	0 12.67	+ 4 13.5	1.227	2.204	8.7	20.3
9 18	0 2.77	+ 3 50.9	1.195	2.195	3.5	19.9
9 28	23 52.09	+ 3 19.5	1.188	2.186	3.1	19.9
10 8	23 42.13	+ 2 46.3	1.206	2.177	8.3	20.2
10 18	23 34.16	+ 2 18.6	1.248	2.169	13.3	20.4
10 28	23 29.13	+ 2 2.3	1.312	2.160	17.7	20.7

351877 2006 SP_{84} 9 22.3 282.°72 0.°6/21.8 18

8 19	0 19.79	+ 0 44.7	1.938	2.801	13.0	21.5
8 29	0 15.35	+ 0 9.1	1.863	2.796	9.7	21.3
9 8	0 9.09	− 0 37.6	1.810	2.792	5.8	21.1
9 18	0 1.59	− 1 31.1	1.784	2.787	1.7	20.8
9 28	23 53.68	− 2 25.6	1.786	2.782	2.7	20.9
10 8	23 46.29	− 3 14.8	1.815	2.778	6.9	21.1
10 18	23 40.23	− 3 53.6	1.871	2.773	10.6	21.3
10 28	23 36.13	− 4 18.3	1.949	2.769	13.9	21.6

219954 2002 GL_{184} 9 22.3 281.°01 1.°4/25.4 18

8 19	0 11.68	+ 9 54.3	4.358	5.164	7.4	20.3
8 29	0 8.51	+ 9 28.4	4.262	5.156	5.8	20.2
9 8	0 4.58	+ 8 54.2	4.191	5.147	3.9	20.0
9 18	0 0.15	+ 8 12.9	4.148	5.138	2.1	19.9
9 28	23 55.55	+ 7 26.6	4.135	5.129	1.5	19.8
10 8	23 51.15	+ 6 38.0	4.152	5.120	3.1	19.9
10 18	23 47.25	+ 5 49.7	4.198	5.111	4.9	20.1
10 28	23 44.17	+ 5 4.5	4.272	5.102	6.7	20.2

208079 1999 VJ_{179} 9 22.3 291.°20 4.°4/17.9 18

8 19	0 20.24	− 8 0.0	1.741	2.626	13.2	20.3
8 29	0 16.10	− 9 14.2	1.654	2.599	9.8	20.0
9 8	0 9.78	−10 36.1	1.590	2.572	6.3	19.7
9 18	0 1.87	−11 58.1	1.552	2.545	4.4	19.6
9 28	23 53.27	−13 11.2	1.540	2.518	6.5	19.6
10 8	23 45.09	−14 7.1	1.555	2.490	10.3	19.8
10 18	23 38.34	−14 40.7	1.594	2.462	14.1	20.0
10 28	23 33.85	−14 49.7	1.652	2.435	17.6	20.1

223383 2003 SP_{70} 9 22.3 13.°82 2.°3/24.6 18

8 19	0 22.57	+ 7 9.5	2.207	3.035	12.9	19.6
8 29	0 17.21	+ 7 27.1	2.128	3.036	10.0	19.4
9 8	0 10.14	+ 7 32.8	2.073	3.037	6.7	19.2
9 18	0 1.91	+ 7 27.7	2.044	3.038	3.5	19.0
9 28	23 53.30	+ 7 14.2	2.044	3.039	2.7	19.0
10 8	23 45.16	+ 6 56.1	2.072	3.041	5.6	19.1
10 18	23 38.27	+ 6 37.6	2.128	3.042	8.9	19.4
10 28	23 33.23	+ 6 22.9	2.208	3.044	11.9	19.6

164897 1999 VV_{134} 9 22.3 91.°76 0.°5/21.9 18

8 19	0 22.05	+ 0 44.1	1.778	2.641	14.0	20.7
8 29	0 17.05	+ 0 12.3	1.716	2.650	10.4	20.5
9 8	0 10.10	− 0 30.6	1.677	2.658	6.2	20.2
9 18	0 1.89	− 1 20.1	1.664	2.666	1.8	20.0
9 28	23 53.36	− 2 10.0	1.678	2.675	2.8	20.1
10 8	23 45.52	− 2 54.0	1.720	2.683	7.1	20.3
10 18	23 39.20	− 3 27.1	1.787	2.691	11.0	20.6
10 28	23 35.03	− 3 46.0	1.877	2.699	14.3	20.8

272541 2005 UH_{328} 9 22.3 226.°24 0.°8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.28	− 0 0.0	1.849	2.710	13.7	21.6
8 29	0 18.07	− 0 35.3	1.769	2.702	10.2	21.4
9 8	0 10.82	− 1 21.7	1.713	2.694	6.1	21.1
9 18	0 2.15	− 2 14.8	1.682	2.685	1.8	20.8
9 28	23 52.97	− 3 8.4	1.680	2.675	3.1	20.9
10 8	23 44.34	− 3 55.8	1.705	2.666	7.4	21.1
10 18	23 37.16	− 4 31.9	1.757	2.655	11.4	21.3
10 28	23 32.14	− 4 52.8	1.831	2.645	14.9	21.6

103567 2000 BR_{40} 9 22.3 67.°35 0.°8/22.9 17

8 19	0 23.58	+ 4 9.8	1.404	2.268	17.0	20.0
8 29	0 18.54	+ 3 46.1	1.351	2.283	12.8	19.8
9 8	0 11.14	+ 3 5.7	1.319	2.298	7.9	19.6
9 18	0 2.23	+ 2 13.1	1.311	2.313	2.8	19.3
9 28	23 53.00	+ 1 15.8	1.330	2.328	2.8	19.3
10 8	23 44.71	+ 0 22.0	1.374	2.343	7.7	19.7
10 18	23 38.36	− 0 21.5	1.442	2.358	12.2	20.0
10 28	23 34.60	− 0 49.8	1.532	2.374	15.9	20.3

510067 2010 HZ_{107} 9 22.3 132.°97 6.°7/14.7 18

8 19	0 22.60	−18 28.7	2.127	3.004	11.5	21.9
8 29	0 17.19	−19 50.8	2.084	3.014	9.0	21.8
9 8	0 10.06	−21 7.6	2.066	3.024	7.1	21.7
9 18	0 1.87	−22 11.9	2.074	3.034	6.8	21.7
9 28	23 53.47	−22 57.3	2.110	3.044	8.2	21.8
10 8	23 45.74	−23 20.4	2.171	3.053	10.5	22.0
10 18	23 39.42	−23 20.4	2.255	3.061	12.8	22.2
10 28	23 35.03	−22 58.9	2.360	3.069	14.8	22.3

127709 2003 ET_{29} 9 22.3 216.°53 1.°8/20.6 18

8 19	0 22.89	− 2 33.1	1.957	2.822	12.8	20.6
8 29	0 17.67	− 3 20.2	1.880	2.816	9.5	20.3
9 8	0 10.53	− 4 16.1	1.826	2.808	5.7	20.1
9 18	0 2.07	− 5 15.9	1.799	2.800	2.1	19.9
9 28	23 53.16	− 6 12.9	1.801	2.792	3.7	20.0
10 8	23 44.78	− 7 0.8	1.830	2.783	7.6	20.2
10 18	23 37.78	− 7 35.0	1.886	2.774	11.3	20.4
10 28	23 32.82	− 7 52.7	1.964	2.764	14.5	20.6

76543 2000 GD_{81} 9 22.4 177.°79 3.°0/18.7 18

8 19	0 18.85	− 5 19.8	2.147	3.021	11.5	19.7
8 29	0 14.47	− 6 39.6	2.081	3.022	8.4	19.5
9 8	0 8.48	− 8 6.1	2.040	3.023	5.1	19.3
9 18	0 1.42	− 9 32.9	2.027	3.023	3.0	19.1
9 28	23 54.05	−10 52.7	2.042	3.023	4.7	19.3
10 8	23 47.17	−11 59.2	2.086	3.023	7.9	19.5
10 18	23 41.50	−12 48.2	2.155	3.023	11.0	19.7
10 28	23 37.59	−13 17.8	2.247	3.022	13.7	19.8

361076 2006 BH_{24} 9 22.4 0.°58 4.°3/17.7 18

8 19	0 16.53	− 8 18.2	1.779	2.669	12.7	19.9
8 29	0 13.04	− 9 35.9	1.720	2.668	9.3	19.7
9 8	0 7.73	−10 58.3	1.684	2.667	6.0	19.5
9 18	0 1.20	−12 17.7	1.675	2.667	4.3	19.4
9 28	23 54.33	−13 26.0	1.692	2.668	6.1	19.6
10 8	23 48.06	−14 16.7	1.735	2.669	9.5	19.8
10 18	23 43.17	−14 46.0	1.802	2.671	12.8	20.0
10 28	23 40.27	−14 52.9	1.889	2.673	15.6	20.2

204718 2006 GR_{38} 9 22.4 115.°96 6.°5/16.6 18

8 19	0 26.56	−17 17.7	1.882	2.758	12.8	19.7
8 29	0 20.25	−18 9.6	1.835	2.767	9.9	19.6
9 8	0 11.96	−18 56.1	1.811	2.777	7.4	19.4
9 18	0 2.47	−19 30.4	1.814	2.786	6.5	19.4
9 28	23 52.77	−19 46.4	1.844	2.795	7.9	19.5
10 8	23 43.92	−19 41.2	1.899	2.804	10.6	19.7
10 18	23 36.73	−19 14.8	1.979	2.812	13.3	19.9
10 28	23 31.79	−18 29.1	2.079	2.820	15.7	20.1

403404 2009 RX_{50} 9 22.4 356.°36 0.°1/22.3 18

8 19	0 17.46	+ 1 44.6	1.755	2.624	13.9	20.6
8 29	0 13.79	+ 1 18.6	1.685	2.621	10.4	20.4
9 8	0 8.22	+ 0 40.2	1.637	2.618	6.3	20.1
9 18	0 1.37	− 0 6.4	1.614	2.616	1.9	19.9
9 28	23 54.12	− 0 55.4	1.617	2.615	2.6	19.9
10 8	23 47.44	− 1 40.4	1.648	2.615	6.9	20.2
10 18	23 42.16	− 2 15.7	1.703	2.615	10.9	20.4
10 28	23 38.92	− 2 37.4	1.781	2.616	14.3	20.7

426526 2013 RX_{53} 9 22.4 23.°37 3.°2/24.5 15

8 19	0 20.87	+ 7 26.4	1.037	1.914	20.6	20.3
8 29	0 17.25	+ 7 36.9	0.988	1.923	15.9	20.1
9 8	0 10.69	+ 7 23.5	0.957	1.933	10.6	19.8
9 18	0 2.17	+ 6 48.8	0.947	1.944	5.1	19.6
9 28	23 53.18	+ 5 59.9	0.959	1.956	3.8	19.5
10 8	23 45.30	+ 5 7.0	0.993	1.970	8.7	19.9
10 18	23 39.78	+ 4 19.7	1.050	1.984	13.8	20.2
10 28	23 37.38	+ 3 45.9	1.126	2.000	18.1	20.5

301445 2009 DT_{82} 9 22.4 351.°62 1.°7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.21	− 2 19.1	1.808	2.681	13.4	20.7
8 29	0 15.75	− 3 1.4	1.740	2.680	9.8	20.5
9 8	0 9.38	− 3 52.7	1.695	2.679	5.8	20.3
9 18	0 1.73	− 4 47.7	1.677	2.679	2.1	20.0
9 28	23 53.70	− 5 39.8	1.685	2.678	3.7	20.1
10 8	23 46.27	− 6 22.8	1.721	2.678	7.7	20.4
10 18	23 40.27	− 6 52.0	1.782	2.677	11.5	20.6
10 28	23 36.36	− 7 4.7	1.865	2.677	14.7	20.8

487145 2014 OT_{215} 9 22.4 259.°45 7.°6/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.92	−22 30.6	2.258	3.133	11.0	21.2
8 29	0 15.32	−23 59.1	2.203	3.125	9.0	21.1
9 8	0 9.03	−25 20.9	2.173	3.117	7.8	21.0
9 18	0 1.61	−26 28.5	2.169	3.109	7.9	21.0
9 28	23 53.85	−27 15.7	2.191	3.100	9.3	21.1
10 8	23 46.62	−27 38.7	2.237	3.092	11.3	21.2
10 18	23 40.65	−27 36.9	2.306	3.083	13.4	21.3
10 28	23 36.52	−27 11.6	2.393	3.075	15.3	21.5

203046 2000 EC_{45} 9 22.4 202.°82 0.°5/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.71	+ 2 0.9	2.269	3.111	12.1	20.3
8 29	0 18.77	+ 1 58.1	2.187	3.108	9.1	20.1
9 8	0 11.10	+ 1 46.4	2.129	3.104	5.7	19.9
9 18	0 2.25	+ 1 28.2	2.099	3.100	1.9	19.6
9 28	23 53.01	+ 1 6.7	2.098	3.095	2.1	19.6
10 8	23 44.24	+ 0 46.3	2.126	3.090	5.8	19.9
10 18	23 36.70	+ 0 30.5	2.182	3.085	9.3	20.1
10 28	23 31.01	+ 0 22.6	2.262	3.079	12.3	20.3

402728 2006 WO_{123} 9 22.4 210.°01 4.°9/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.73	+17 6.6	2.363	3.142	13.6	20.9
8 29	0 15.89	+17 21.6	2.276	3.140	11.2	20.8
9 8	0 9.39	+17 19.0	2.210	3.137	8.6	20.6
9 18	0 1.74	+16 58.2	2.169	3.135	6.1	20.4
9 28	23 53.67	+16 21.3	2.155	3.132	4.9	20.4
10 8	23 46.01	+15 32.2	2.169	3.129	6.1	20.4
10 18	23 39.49	+14 36.5	2.210	3.126	8.6	20.6
10 28	23 34.73	+13 40.4	2.277	3.123	11.2	20.8

264388 2000 DY_{89} 9 22.4 223.°57 1.°8/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.98	+ 6 31.9	1.769	2.610	15.0	21.5
8 29	0 18.73	+ 6 20.4	1.686	2.603	11.6	21.2
9 8	0 11.32	+ 5 52.7	1.626	2.596	7.6	21.0
9 18	0 2.37	+ 5 11.2	1.591	2.589	3.3	20.7
9 28	23 52.86	+ 4 20.7	1.583	2.581	2.6	20.6
10 8	23 43.89	+ 3 27.9	1.603	2.573	6.8	20.9
10 18	23 36.46	+ 2 39.4	1.650	2.564	11.0	21.1
10 28	23 31.33	+ 2 1.3	1.719	2.555	14.7	21.3

295425 2008 KP_{26} 9 22.4 143.°11 2.°3/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.24	− 4 36.7	2.364	3.234	10.8	21.0
8 29	0 13.86	− 5 39.4	2.299	3.238	7.8	20.8
9 8	0 8.04	− 6 47.9	2.260	3.243	4.7	20.6
9 18	0 1.29	− 7 57.0	2.248	3.247	2.4	20.5
9 28	23 54.29	− 9 1.0	2.266	3.251	3.8	20.6
10 8	23 47.75	− 9 54.7	2.311	3.255	6.9	20.8
10 18	23 42.30	−10 34.4	2.384	3.258	9.8	21.0
10 28	23 38.44	−10 58.1	2.479	3.262	12.4	21.2

62930 2000 VP_{15} 9 22.4 123.°70 4.°6/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.86	−13 6.7	2.203	3.080	11.2	19.4
8 29	0 16.61	−13 55.9	2.146	3.084	8.4	19.2
9 8	0 9.72	−14 44.0	2.114	3.088	5.8	19.0
9 18	0 1.81	−15 25.4	2.109	3.093	4.6	19.0
9 28	23 53.65	−15 54.7	2.132	3.097	6.0	19.1
10 8	23 46.08	−16 8.3	2.182	3.101	8.6	19.2
10 18	23 39.80	−16 4.6	2.257	3.105	11.3	19.4
10 28	23 35.35	−15 43.8	2.353	3.108	13.7	19.6

360730 2004 TC_{273} 9 22.4 4.°07 3.°8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.45	+13 49.0	2.075	2.886	14.2	20.1
8 29	0 13.59	+13 37.2	1.995	2.886	11.4	19.9
9 8	0 8.03	+13 6.2	1.937	2.886	8.2	19.7
9 18	0 1.33	+12 17.4	1.904	2.886	5.1	19.5
9 28	23 54.25	+11 14.4	1.897	2.887	3.8	19.4
10 8	23 47.65	+10 3.3	1.918	2.888	5.9	19.6
10 18	23 42.27	+ 8 51.1	1.966	2.889	9.0	19.8
10 28	23 38.73	+ 7 44.4	2.039	2.891	12.1	20.0

168364 1996 TZ_{19} 9 22.4 63.°49 1.°7/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.44	+10 13.0	4.308	5.110	7.6	20.0
8 29	0 9.80	+10 7.6	4.224	5.112	5.9	19.8
9 8	0 5.38	+ 9 54.4	4.164	5.115	4.1	19.7
9 18	0 0.46	+ 9 34.3	4.131	5.118	2.4	19.6
9 28	23 55.38	+ 9 8.9	4.129	5.121	1.8	19.5
10 8	23 50.51	+ 8 40.5	4.156	5.123	3.1	19.7
10 18	23 46.19	+ 8 11.4	4.213	5.126	4.9	19.8
10 28	23 42.73	+ 7 44.0	4.296	5.129	6.6	19.9

385375 2002 QT_{124} 9 22.4 120.°92 4.°6/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.34	−10 40.1	1.971	2.851	12.1	20.7
8 29	0 16.37	−11 56.6	1.920	2.861	8.9	20.5
9 8	0 9.64	−13 14.6	1.893	2.871	6.0	20.3
9 18	0 1.80	−14 26.8	1.894	2.881	4.6	20.3
9 28	23 53.72	−15 25.9	1.922	2.890	6.3	20.4
10 8	23 46.29	−16 7.0	1.977	2.899	9.2	20.6
10 18	23 40.27	−16 27.5	2.057	2.907	12.2	20.8
10 28	23 36.20	−16 27.3	2.157	2.916	14.7	21.0

487167 2014 OV_{258} 9 22.4 6.°18 7.°0/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.04	−18 17.3	1.953	2.840	11.9	20.4
8 29	0 14.79	−19 36.1	1.904	2.840	9.4	20.3
9 8	0 8.74	−20 50.1	1.878	2.841	7.4	20.2
9 18	0 1.54	−21 51.6	1.879	2.842	7.1	20.2
9 28	23 54.05	−22 33.8	1.905	2.843	8.7	20.3
10 8	23 47.20	−22 52.7	1.956	2.845	11.1	20.4
10 18	23 41.74	−22 47.4	2.029	2.847	13.6	20.6
10 28	23 38.26	−22 19.3	2.121	2.850	15.8	20.8

403706 2010 VU_{171} 9 22.4 176.°50 4.°7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.85	−13 54.7	2.302	3.179	10.7	21.1
8 29	0 15.85	−14 46.4	2.242	3.179	8.1	20.9
9 8	0 9.28	−15 36.7	2.207	3.179	5.7	20.8
9 18	0 1.69	−16 20.1	2.199	3.180	4.8	20.7
9 28	23 53.85	−16 51.2	2.219	3.180	6.1	20.8
10 8	23 46.54	−17 6.5	2.266	3.180	8.6	21.0
10 18	23 40.44	−17 4.4	2.338	3.180	11.2	21.2
10 28	23 36.08	−16 44.9	2.431	3.180	13.5	21.3

472494 2015 CU_{11} 9 22.4 135.°27 1.°5/23.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.26	+ 5 25.1	1.673	2.519	15.5	21.6
8 29	0 19.63	+ 5 16.7	1.606	2.526	11.8	21.4
9 8	0 11.81	+ 4 53.0	1.560	2.533	7.6	21.1
9 18	0 2.52	+ 4 16.8	1.540	2.539	3.1	20.9
9 28	23 52.82	+ 3 33.4	1.547	2.545	2.6	20.9
10 8	23 43.84	+ 2 49.2	1.581	2.550	6.9	21.1
10 18	23 36.56	+ 2 10.5	1.642	2.556	11.1	21.4
10 28	23 31.66	+ 1 42.5	1.725	2.561	14.7	21.6

225287 1994 RJ_{8} 9 22.4 345.°54 1.°4/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.28	+ 3 28.8	1.068	1.958	19.2	20.4
8 29	0 15.55	+ 3 36.8	1.001	1.946	14.7	20.1
9 8	0 9.88	+ 3 26.3	0.952	1.934	9.4	19.7
9 18	0 2.04	+ 3 0.0	0.923	1.925	3.6	19.4
9 28	23 53.38	+ 2 24.6	0.917	1.916	3.3	19.3
10 8	23 45.53	+ 1 48.8	0.934	1.910	9.2	19.7
10 18	23 39.86	+ 1 21.2	0.971	1.905	14.7	20.0
10 28	23 37.37	+ 1 8.7	1.027	1.902	19.5	20.2

439970 2001 VG_{8} 9 22.4 299.°72 5.°7/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.15	−14 49.4	1.897	2.778	12.5	20.8
8 29	0 17.95	−15 37.1	1.829	2.768	9.5	20.5
9 8	0 10.75	−16 22.8	1.785	2.757	6.8	20.4
9 18	0 2.20	−16 59.7	1.767	2.747	5.7	20.3
9 28	23 53.23	−17 21.4	1.775	2.737	7.3	20.4
10 8	23 44.88	−17 23.6	1.809	2.727	10.2	20.5
10 18	23 38.02	−17 5.1	1.868	2.717	13.3	20.7
10 28	23 33.32	−16 26.5	1.946	2.707	16.0	20.9

179191 2001 TV_{155} 9 22.4 284.°63 0.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.55	+ 1 7.2	1.963	2.823	13.0	21.1
8 29	0 15.94	+ 0 40.9	1.887	2.818	9.7	20.9
9 8	0 9.50	+ 0 3.9	1.833	2.813	5.9	20.6
9 18	0 1.82	− 0 40.2	1.806	2.808	1.8	20.3
9 28	23 53.72	− 1 26.0	1.806	2.803	2.5	20.4
10 8	23 46.14	− 2 7.8	1.835	2.799	6.6	20.7
10 18	23 39.87	− 2 40.7	1.889	2.794	10.4	20.9
10 28	23 35.57	− 3 0.9	1.967	2.789	13.7	21.1

394961 2008 YY_{113} 9 22.4 231.°84 1.°8/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.54	+ 7 10.8	1.983	2.819	13.8	21.8
8 29	0 16.71	+ 6 56.5	1.900	2.814	10.7	21.6
9 8	0 10.00	+ 6 27.1	1.839	2.808	7.0	21.4
9 18	0 1.98	+ 5 44.7	1.804	2.801	3.2	21.1
9 28	23 53.50	+ 4 53.9	1.797	2.795	2.5	21.1
10 8	23 45.50	+ 4 0.5	1.819	2.788	6.1	21.3
10 18	23 38.83	+ 3 10.6	1.866	2.781	9.9	21.5
10 28	23 34.15	+ 2 29.6	1.938	2.774	13.3	21.7

10149 Cavagna 9 22.4 236.°27 4.°6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.83	+12 54.7	1.389	2.223	18.8	18.6
8 29	0 18.40	+12 52.5	1.315	2.220	15.1	18.4
9 8	0 11.37	+12 24.4	1.260	2.218	10.7	18.1
9 18	0 2.47	+11 31.0	1.228	2.216	6.4	17.9
9 28	23 52.91	+10 17.4	1.220	2.213	4.7	17.8
10 8	23 44.07	+ 8 53.0	1.238	2.210	7.9	17.9
10 18	23 37.16	+ 7 28.5	1.280	2.207	12.4	18.2
10 28	23 33.03	+ 6 14.1	1.343	2.204	16.6	18.4

286743 2002 GW_{143} 9 22.4 125.°39 4.°2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.69	+17 40.5	2.461	3.239	13.2	20.7
8 29	0 13.52	+17 17.6	2.380	3.245	10.8	20.5
9 8	0 7.89	+16 35.5	2.321	3.251	8.1	20.4
9 18	0 1.30	+15 35.4	2.287	3.257	5.5	20.2
9 28	23 54.44	+14 20.5	2.280	3.263	4.2	20.1
10 8	23 48.01	+12 56.5	2.303	3.268	5.4	20.2
10 18	23 42.66	+11 29.8	2.354	3.273	7.9	20.4
10 28	23 38.90	+10 7.0	2.431	3.279	10.5	20.6

151423 2002 FS_1 9 22.4 99.°91 4.°7/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.03	−13 4.4	2.466	3.343	10.1	20.2
8 29	0 14.34	−14 38.7	2.427	3.365	7.5	20.1
9 8	0 8.29	−16 11.8	2.414	3.385	5.4	20.0
9 18	0 1.40	−17 37.3	2.430	3.406	4.8	20.0
9 28	23 54.36	−18 49.1	2.474	3.426	6.2	20.1
10 8	23 47.85	−19 42.9	2.547	3.445	8.4	20.3
10 18	23 42.46	−20 17.0	2.644	3.465	10.7	20.5
10 28	23 38.63	−20 31.3	2.762	3.484	12.6	20.7

146088 2000 JO_{33} 9 22.4 157.°71 0.°6/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.25	+ 0 28.2	1.876	2.733	13.7	20.1
8 29	0 18.67	− 0 5.3	1.808	2.739	10.1	19.9
9 8	0 11.14	− 0 49.5	1.764	2.744	6.1	19.7
9 18	0 2.33	− 1 39.9	1.746	2.749	1.8	19.4
9 28	23 53.17	− 2 30.5	1.757	2.753	2.8	19.5
10 8	23 44.65	− 3 15.3	1.796	2.757	7.0	19.8
10 18	23 37.62	− 3 49.3	1.861	2.760	10.9	20.0
10 28	23 32.73	− 4 9.3	1.949	2.763	14.1	20.3

83699 2001 TZ_{72} 9 22.4 63.°27 1.°4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.75	− 1 54.2	1.946	2.814	12.8	19.6
8 29	0 16.02	− 2 29.3	1.880	2.817	9.4	19.4
9 8	0 9.51	− 3 12.7	1.838	2.820	5.6	19.2
9 18	0 1.82	− 3 59.8	1.821	2.824	1.9	19.0
9 28	23 53.81	− 4 44.8	1.833	2.827	3.2	19.1
10 8	23 46.38	− 5 22.1	1.872	2.830	7.1	19.3
10 18	23 40.32	− 5 47.7	1.938	2.834	10.7	19.6
10 28	23 36.21	− 5 58.9	2.026	2.837	13.7	19.8

239193 2006 KB_{123} 9 22.4 6.°50 0.°6/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.98	+ 6 52.2	1.671	2.527	15.1	19.8
8 29	0 13.54	+ 5 39.3	1.600	2.527	11.4	19.5
9 8	0 8.15	+ 4 5.7	1.550	2.527	7.2	19.3
9 18	0 1.43	+ 2 17.0	1.526	2.528	2.5	19.0
9 28	23 54.30	+ 0 22.3	1.530	2.528	2.5	19.0
10 8	23 47.78	− 1 28.0	1.561	2.529	7.1	19.3
10 18	23 42.71	− 3 4.9	1.618	2.531	11.4	19.6
10 28	23 39.76	− 4 21.8	1.698	2.532	15.0	19.8

228071 2008 OT_{22} 9 22.4 354.°71 0.°2/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.97	+ 0 20.9	4.035	4.882	7.2	20.7
8 29	0 9.51	− 0 3.3	3.955	4.881	5.3	20.6
9 8	0 5.25	− 0 32.4	3.902	4.881	3.2	20.4
9 18	0 0.47	− 1 4.4	3.878	4.880	0.9	20.2
9 28	23 55.53	− 1 36.9	3.883	4.880	1.4	20.3
10 8	23 50.82	− 2 7.4	3.919	4.880	3.6	20.5
10 18	23 46.68	− 2 33.6	3.983	4.879	5.7	20.6
10 28	23 43.42	− 2 53.6	4.073	4.879	7.5	20.7

218796 2006 AO_{86} 9 22.4 273.°16 2.°3/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.38	+ 9 25.5	2.291	3.115	12.6	20.5
8 29	0 14.20	+ 9 7.6	2.200	3.105	9.9	20.3
9 8	0 8.41	+ 8 34.5	2.132	3.094	6.7	20.1
9 18	0 1.51	+ 7 48.1	2.090	3.083	3.5	19.9
9 28	23 54.20	+ 6 52.1	2.076	3.072	2.5	19.8
10 8	23 47.25	+ 5 51.9	2.091	3.061	5.4	20.0
10 18	23 41.40	+ 4 53.2	2.133	3.050	8.8	20.2
10 28	23 37.23	+ 4 1.4	2.200	3.039	11.8	20.3

264138 2009 UX_{77} 9 22.4 31.°40 1.°0/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.75	+ 6 38.2	4.114	4.936	7.5	20.7
8 29	0 9.35	+ 6 20.6	4.032	4.938	5.7	20.6
9 8	0 5.15	+ 5 55.8	3.976	4.941	3.7	20.4
9 18	0 0.45	+ 5 25.3	3.948	4.944	1.7	20.3
9 28	23 55.59	+ 4 51.3	3.949	4.946	1.3	20.2
10 8	23 50.96	+ 4 16.2	3.981	4.949	3.2	20.4
10 18	23 46.89	+ 3 42.6	4.042	4.952	5.2	20.5
10 28	23 43.69	+ 3 12.8	4.129	4.955	7.0	20.7

315112 2007 EB_{42} 9 22.4 192.°88 0.°0/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.63	+ 1 46.5	2.702	3.546	10.3	22.1
8 29	0 14.79	+ 1 19.5	2.622	3.545	7.7	21.9
9 8	0 8.61	+ 0 44.1	2.566	3.543	4.7	21.7
9 18	0 1.55	+ 0 3.2	2.538	3.540	1.5	21.5
9 28	23 54.20	− 0 39.4	2.540	3.537	1.9	21.5
10 8	23 47.22	− 1 19.6	2.572	3.534	5.1	21.7
10 18	23 41.20	− 1 53.7	2.632	3.531	8.1	21.9
10 28	23 36.63	− 2 18.7	2.717	3.527	10.7	22.1

318327 2004 TY_{190} 9 22.4 294.°90 0.°2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.87	+ 3 13.4	2.141	2.994	12.3	21.1
8 29	0 13.89	+ 2 37.1	2.057	2.984	9.3	20.9
9 8	0 8.25	+ 1 48.5	1.996	2.973	5.7	20.6
9 18	0 1.47	+ 0 51.0	1.961	2.963	1.8	20.3
9 28	23 54.28	− 0 10.1	1.955	2.952	2.2	20.4
10 8	23 47.50	− 1 8.8	1.976	2.942	6.1	20.6
10 18	23 41.87	− 1 59.6	2.025	2.932	9.7	20.8
10 28	23 37.99	− 2 38.2	2.097	2.922	12.8	21.0

225683 2001 QQ_8 9 22.4 33.°38 2.°2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.61	+ 5 28.8	1.171	2.043	19.1	19.3
8 29	0 18.99	+ 5 39.5	1.123	2.056	14.6	19.0
9 8	0 11.65	+ 5 31.0	1.093	2.070	9.5	18.8
9 18	0 2.53	+ 5 6.2	1.085	2.084	4.1	18.5
9 28	23 53.03	+ 4 31.1	1.102	2.100	3.3	18.5
10 8	23 44.61	+ 3 54.1	1.142	2.116	8.2	18.9
10 18	23 38.43	+ 3 22.8	1.205	2.133	13.0	19.2
10 28	23 35.20	+ 3 3.3	1.289	2.151	17.1	19.5

407864 2012 BR_{72} 9 22.4 109.°46 4.°5/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.10	+17 0.7	2.662	3.431	12.5	20.9
8 29	0 16.64	+17 17.9	2.589	3.447	10.3	20.8
9 8	0 9.73	+17 19.3	2.539	3.462	7.8	20.7
9 18	0 1.89	+17 5.0	2.515	3.478	5.5	20.6
9 28	23 53.80	+16 36.7	2.518	3.493	4.5	20.5
10 8	23 46.15	+15 58.1	2.551	3.508	5.5	20.6
10 18	23 39.60	+15 13.7	2.611	3.523	7.6	20.8
10 28	23 34.63	+14 28.8	2.698	3.537	9.9	20.9

307185 2002 EC_{96} 9 22.4 174.°88 0.°6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.89	+ 1 34.1	1.837	2.686	14.3	20.8
8 29	0 21.49	+ 1 45.8	1.763	2.687	10.8	20.6
9 8	0 12.94	+ 1 47.9	1.712	2.688	6.7	20.3
9 18	0 2.93	+ 1 42.6	1.687	2.688	2.3	20.0
9 28	23 52.47	+ 1 33.4	1.690	2.688	2.4	20.1
10 8	23 42.66	+ 1 24.8	1.722	2.689	6.8	20.3
10 18	23 34.44	+ 1 20.7	1.781	2.688	10.8	20.6
10 28	23 28.54	+ 1 24.5	1.863	2.688	14.2	20.8

241628 1999 VM_{164} 9 22.4 309.°36 6.°3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.99	+18 1.0	1.632	2.437	17.7	19.9
8 29	0 14.70	+18 7.2	1.538	2.418	14.8	19.7
9 8	0 9.12	+17 46.6	1.462	2.399	11.4	19.4
9 18	0 1.83	+16 57.9	1.408	2.380	8.1	19.2
9 28	23 53.80	+15 43.3	1.379	2.361	6.3	19.0
10 8	23 46.19	+14 10.0	1.375	2.343	7.9	19.1
10 18	23 40.12	+12 28.0	1.396	2.325	11.4	19.3
10 28	23 36.45	+10 48.7	1.440	2.308	15.2	19.4

504668 2009 BU_{178} 9 22.4 131.°59 2.°2/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.14	+ 6 31.3	1.556	2.398	16.7	21.5
8 29	0 21.92	+ 6 34.8	1.492	2.408	12.8	21.2
9 8	0 13.29	+ 6 21.6	1.449	2.418	8.4	21.0
9 18	0 3.05	+ 5 53.8	1.430	2.427	3.8	20.8
9 28	23 52.37	+ 5 16.3	1.439	2.436	3.0	20.7
10 8	23 42.53	+ 4 35.9	1.474	2.444	7.3	21.0
10 18	23 34.59	+ 3 59.1	1.536	2.452	11.6	21.3
10 28	23 29.28	+ 3 31.7	1.619	2.459	15.3	21.5

113114 2002 RK_{79} 9 22.4 355.°90 0.°1/22.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.84	+ 0 56.1	1.739	2.602	14.3	19.7
8 29	0 17.83	+ 0 45.7	1.669	2.601	10.7	19.5
9 8	0 10.75	+ 0 24.4	1.621	2.600	6.5	19.2
9 18	0 2.27	− 0 4.0	1.598	2.600	2.0	18.9
9 28	23 53.35	− 0 34.7	1.602	2.600	2.6	19.0
10 8	23 45.07	− 1 2.0	1.633	2.600	7.1	19.3
10 18	23 38.33	− 1 21.1	1.690	2.600	11.2	19.5
10 28	23 33.82	− 1 28.5	1.770	2.600	14.6	19.7

295645 2008 SP_{279} 9 22.4 296.°03 0.°2/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.46	+ 2 16.0	4.412	5.251	6.7	21.1
8 29	0 9.10	+ 1 54.8	4.328	5.248	5.0	21.0
9 8	0 5.00	+ 1 28.5	4.271	5.245	3.1	20.9
9 18	0 0.43	+ 0 58.7	4.242	5.243	1.0	20.7
9 28	23 55.70	+ 0 27.4	4.243	5.240	1.1	20.7
10 8	23 51.17	− 0 2.9	4.274	5.238	3.2	20.9
10 18	23 47.16	− 0 30.2	4.335	5.236	5.1	21.0
10 28	23 43.95	− 0 52.6	4.421	5.233	6.8	21.1

760 Massinga 9 22.4 196.°24 2.°3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.56	+10 8.9	3.070	3.872	10.3	14.0
8 29	0 15.39	+10 8.4	2.979	3.869	8.1	13.8
9 8	0 8.96	+ 9 57.0	2.913	3.865	5.6	13.7
9 18	0 1.68	+ 9 35.5	2.874	3.861	3.2	13.5
9 28	23 54.10	+ 9 6.3	2.865	3.857	2.4	13.4
10 8	23 46.83	+ 8 32.4	2.886	3.852	4.4	13.6
10 18	23 40.42	+ 7 57.5	2.936	3.847	6.9	13.7
10 28	23 35.33	+ 7 25.3	3.012	3.841	9.2	13.9

138452 2000 JO_{10} 9 22.4 212.°69 9.°6/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.46	−29 41.7	2.241	3.086	12.2	20.0
8 29	0 23.23	−30 59.5	2.187	3.077	10.6	19.9
9 8	0 13.91	−32 4.6	2.157	3.067	9.7	19.8
9 18	0 3.22	−32 49.0	2.153	3.056	9.8	19.8
9 28	23 52.18	−33 6.6	2.174	3.045	11.1	19.9
10 8	23 41.86	−32 55.2	2.219	3.032	12.9	20.0
10 18	23 33.18	−32 16.1	2.286	3.019	14.8	20.1
10 28	23 26.80	−31 12.9	2.371	3.005	16.5	20.2

350055 2010 RE_{38} 9 22.4 75.°25 4.°2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.93	+23 53.4	4.404	5.111	8.7	20.4
8 29	0 10.26	+24 2.4	4.311	5.113	7.5	20.3
9 8	0 5.74	+23 59.4	4.239	5.114	6.2	20.2
9 18	0 0.67	+23 44.3	4.193	5.115	4.9	20.1
9 28	23 55.40	+23 18.0	4.174	5.117	4.2	20.0
10 8	23 50.34	+22 42.4	4.183	5.118	4.4	20.0
10 18	23 45.86	+22 0.1	4.220	5.119	5.3	20.1
10 28	23 42.27	+21 14.2	4.284	5.121	6.6	20.2

387550 2001 FT_{128} 9 22.4 223.°45 1.°7/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.73	− 4 18.1	2.199	3.057	11.9	21.5
8 29	0 19.64	− 4 37.7	2.116	3.048	8.8	21.2
9 8	0 11.74	− 5 2.6	2.058	3.038	5.3	21.0
9 18	0 2.57	− 5 28.9	2.027	3.028	2.0	20.8
9 28	23 52.97	− 5 52.1	2.026	3.017	3.3	20.9
10 8	23 43.85	− 6 8.0	2.053	3.006	7.0	21.1
10 18	23 36.01	− 6 13.3	2.108	2.994	10.4	21.3
10 28	23 30.09	− 6 6.3	2.187	2.982	13.4	21.4

358648 2007 VO_{306} 9 22.4 329.°19 2.°8/24.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.67	+ 8 35.7	1.539	2.390	16.4	21.1
8 29	0 15.15	+ 8 31.9	1.457	2.377	12.9	20.9
9 8	0 9.35	+ 8 8.4	1.396	2.364	8.7	20.6
9 18	0 1.90	+ 7 26.7	1.357	2.352	4.5	20.3
9 28	23 53.81	+ 6 31.8	1.344	2.341	3.3	20.2
10 8	23 46.25	+ 5 31.1	1.356	2.330	7.2	20.4
10 18	23 40.29	+ 4 32.9	1.393	2.320	11.7	20.7
10 28	23 36.74	+ 3 44.8	1.452	2.311	15.7	20.9

14002 1993 LW_{1} 9 22.4 58.°90 9.°1/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.78	−19 26.3	1.279	2.168	16.7	17.1
8 29	0 23.07	−20 33.6	1.258	2.195	13.0	17.0
9 8	0 13.80	−21 29.5	1.258	2.221	10.1	16.9
9 18	0 3.12	−22 4.3	1.281	2.248	9.1	16.9
9 28	23 52.52	−22 10.9	1.328	2.276	10.7	17.1
10 8	23 43.37	−21 47.8	1.398	2.303	13.6	17.3
10 18	23 36.64	−20 58.0	1.489	2.330	16.5	17.6
10 28	23 32.83	−19 46.4	1.599	2.357	19.0	17.8

478789 2012 US_{145} 9 22.4 35.°77 3.°3/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.57	− 3 34.8	1.228	2.124	16.7	20.1
8 29	0 15.78	− 4 45.5	1.190	2.141	12.2	19.9
9 8	0 9.59	− 6 6.0	1.172	2.159	7.2	19.6
9 18	0 1.90	− 7 26.8	1.178	2.178	3.4	19.5
9 28	23 53.98	− 8 37.4	1.208	2.198	5.6	19.7
10 8	23 47.09	− 9 29.4	1.263	2.218	10.1	20.0
10 18	23 42.19	− 9 58.3	1.340	2.239	14.2	20.3
10 28	23 39.89	−10 3.0	1.437	2.261	17.7	20.6

204433 2004 XV_{44} 9 22.4 339.°45 0.°5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.31	+ 0 28.5	1.412	2.291	16.0	19.9
8 29	0 16.43	+ 0 7.7	1.341	2.282	12.0	19.7
9 8	0 10.14	− 0 26.6	1.291	2.274	7.3	19.4
9 18	0 2.15	− 1 9.6	1.264	2.267	2.2	19.0
9 28	23 53.56	− 1 54.4	1.263	2.261	3.3	19.1
10 8	23 45.65	− 2 33.2	1.287	2.255	8.4	19.4
10 18	23 39.52	− 3 0.0	1.335	2.250	13.1	19.7
10 28	23 35.97	− 3 10.2	1.403	2.246	17.1	19.9

264343 1999 XQ_{50} 9 22.4 324.°44 6.°8/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.26	−10 57.8	1.128	2.037	16.9	19.7
8 29	0 17.05	−12 4.0	1.060	2.016	12.8	19.4
9 8	0 10.86	−13 15.4	1.011	1.995	8.7	19.1
9 18	0 2.44	−14 20.6	0.984	1.976	6.8	19.0
9 28	23 53.15	−15 7.6	0.980	1.957	9.2	19.0
10 8	23 44.62	−15 26.8	0.997	1.939	13.8	19.2
10 18	23 38.27	−15 14.5	1.035	1.923	18.4	19.4
10 28	23 35.11	−14 31.2	1.088	1.908	22.5	19.7

401764 2013 LV_{11} 9 22.4 254.°91 2.°6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.95	+12 2.3	2.356	3.170	12.7	20.9
8 29	0 13.08	+11 27.3	2.271	3.166	10.0	20.7
9 8	0 7.71	+10 35.0	2.208	3.163	6.9	20.5
9 18	0 1.34	+ 9 27.6	2.171	3.160	3.9	20.3
9 28	23 54.64	+ 8 9.5	2.162	3.157	2.7	20.3
10 8	23 48.33	+ 6 46.8	2.183	3.153	5.2	20.4
10 18	23 43.09	+ 5 25.7	2.231	3.150	8.3	20.6
10 28	23 39.44	+ 4 12.5	2.305	3.146	11.3	20.8

186710 2004 BD_{75} 9 22.4 206.°70 1.°7/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.87	− 1 54.0	1.828	2.693	13.6	21.4
8 29	0 18.57	− 2 43.6	1.753	2.689	10.0	21.2
9 8	0 11.22	− 3 43.4	1.702	2.684	6.0	21.0
9 18	0 2.46	− 4 47.9	1.676	2.678	2.2	20.7
9 28	23 53.23	− 5 49.8	1.680	2.672	3.8	20.8
10 8	23 44.58	− 6 42.4	1.710	2.665	7.9	21.1
10 18	23 37.41	− 7 20.4	1.767	2.658	11.8	21.3
10 28	23 32.44	− 7 40.8	1.846	2.649	15.2	21.5

312616 2009 SF_{141} 9 22.4 287.°12 0.°1/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.36	+ 1 31.2	4.221	5.061	7.0	21.2
8 29	0 9.81	+ 1 12.9	4.135	5.056	5.2	21.0
9 8	0 5.47	+ 0 49.6	4.075	5.051	3.2	20.9
9 18	0 0.61	+ 0 23.0	4.044	5.046	1.0	20.7
9 28	23 55.59	− 0 4.9	4.043	5.041	1.2	20.7
10 8	23 50.77	− 0 31.6	4.072	5.035	3.4	20.9
10 18	23 46.49	− 0 55.0	4.130	5.030	5.4	21.0
10 28	23 43.07	− 1 13.3	4.215	5.025	7.2	21.2

295915 2008 WN_{113} 9 22.4 13.°37 1.°2/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.11	− 0 34.0	1.359	2.243	16.2	20.1
8 29	0 16.21	− 1 8.2	1.301	2.246	12.0	19.9
9 8	0 9.94	− 1 55.3	1.264	2.249	7.2	19.6
9 18	0 2.07	− 2 49.0	1.250	2.253	2.2	19.3
9 28	23 53.77	− 3 41.5	1.262	2.258	3.7	19.4
10 8	23 46.29	− 4 24.7	1.299	2.264	8.7	19.7
10 18	23 40.66	− 4 52.7	1.358	2.270	13.2	20.0
10 28	23 37.58	− 5 2.2	1.439	2.277	17.0	20.3

144961 2005 EP_{77} 9 22.4 75.°73 3.°4/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.01	− 3 24.8	1.337	2.225	16.2	19.8
8 29	0 17.55	− 4 47.2	1.288	2.236	11.8	19.6
9 8	0 10.69	− 6 20.5	1.262	2.247	7.1	19.4
9 18	0 2.28	− 7 55.2	1.259	2.259	3.5	19.2
9 28	23 53.55	− 9 20.2	1.283	2.271	5.7	19.4
10 8	23 45.75	−10 26.1	1.332	2.282	10.1	19.7
10 18	23 39.89	−11 7.9	1.403	2.294	14.3	19.9
10 28	23 36.65	−11 24.0	1.495	2.305	17.8	20.2

287117 2002 RG_{166} 9 22.4 27.°13 0.°2/22.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.33	+ 2 42.9	1.017	1.910	19.7	20.4
8 29	0 16.82	+ 2 20.2	0.975	1.922	14.7	20.2
9 8	0 10.46	+ 1 38.2	0.950	1.935	9.0	19.9
9 18	0 2.24	+ 0 43.3	0.947	1.950	2.9	19.6
9 28	23 53.65	− 0 14.9	0.967	1.965	3.4	19.7
10 8	23 46.24	− 1 5.9	1.009	1.982	9.2	20.1
10 18	23 41.15	− 1 41.9	1.073	2.000	14.3	20.5
10 28	23 39.09	− 1 58.4	1.156	2.019	18.6	20.8

504319 2007 RM_{121} 9 22.4 43.°71 1.°2/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.59	+ 4 13.5	0.995	1.879	20.8	20.7
8 29	0 19.98	+ 4 4.4	0.955	1.897	15.6	20.4
9 8	0 12.36	+ 3 34.3	0.933	1.915	9.8	20.2
9 18	0 2.82	+ 2 48.7	0.933	1.934	3.6	19.9
9 28	23 52.98	+ 1 56.3	0.955	1.954	3.3	20.0
10 8	23 44.48	+ 1 7.6	1.000	1.974	9.1	20.4
10 18	23 38.52	+ 0 30.7	1.067	1.995	14.3	20.8
10 28	23 35.79	+ 0 11.1	1.154	2.017	18.6	21.1

107878 2001 FG_{89} 9 22.4 284.°49 0.°2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.15	− 0 9.3	1.765	2.625	14.2	20.0
8 29	0 19.74	− 0 10.8	1.677	2.609	10.7	19.8
9 8	0 12.08	− 0 21.7	1.613	2.593	6.6	19.5
9 18	0 2.79	− 0 38.9	1.574	2.576	2.0	19.2
9 28	23 52.84	− 0 57.9	1.563	2.560	2.8	19.2
10 8	23 43.38	− 1 13.6	1.579	2.544	7.4	19.5
10 18	23 35.44	− 1 21.5	1.620	2.527	11.7	19.7
10 28	23 29.84	− 1 18.1	1.685	2.511	15.4	19.9

84633 2002 VF_{53} 9 22.4 286.°95 1.°4/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.78	+ 6 55.3	1.519	2.373	16.4	20.0
8 29	0 16.63	+ 6 19.6	1.447	2.371	12.6	19.7
9 8	0 10.20	+ 5 23.6	1.395	2.369	8.1	19.5
9 18	0 2.19	+ 4 11.2	1.368	2.368	3.3	19.2
9 28	23 53.65	+ 2 49.9	1.367	2.366	2.7	19.1
10 8	23 45.77	+ 1 28.9	1.392	2.364	7.4	19.4
10 18	23 39.59	+ 0 17.0	1.443	2.362	12.0	19.7
10 28	23 35.85	− 0 38.9	1.515	2.360	15.9	19.9

111510 2001 YV_{80} 9 22.4 68.°27 2.°3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.76	+ 8 26.4	2.055	2.886	13.6	19.5
8 29	0 16.03	+ 8 21.0	1.982	2.891	10.6	19.3
9 8	0 9.57	+ 8 0.8	1.932	2.896	7.1	19.1
9 18	0 1.95	+ 7 27.6	1.907	2.901	3.6	18.9
9 28	23 53.98	+ 6 45.4	1.910	2.906	2.7	18.8
10 8	23 46.54	+ 5 59.4	1.941	2.912	5.8	19.0
10 18	23 40.40	+ 5 15.2	1.999	2.917	9.2	19.2
10 28	23 36.14	+ 4 37.9	2.082	2.923	12.3	19.5

168314 1981 EW_6 9 22.4 219.°96 4.°0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.40	+11 49.4	1.657	2.481	16.7	21.0
8 29	0 19.30	+11 50.9	1.575	2.475	13.3	20.7
9 8	0 11.86	+11 31.2	1.513	2.469	9.4	20.5
9 18	0 2.73	+10 51.1	1.475	2.463	5.5	20.2
9 28	23 52.96	+ 9 54.4	1.464	2.456	4.1	20.2
10 8	23 43.77	+ 8 48.3	1.479	2.449	7.2	20.3
10 18	23 36.23	+ 7 41.1	1.520	2.442	11.3	20.5
10 28	23 31.16	+ 6 41.1	1.584	2.434	15.1	20.8

321597 2009 UZ_{126} 9 22.4 329.°98 4.°2/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.63	+23 57.7	4.067	4.781	9.3	19.9
8 29	0 9.40	+23 46.5	3.967	4.776	8.0	19.7
9 8	0 5.28	+23 21.7	3.890	4.771	6.5	19.6
9 18	0 0.59	+22 43.2	3.836	4.766	5.1	19.5
9 28	23 55.70	+21 52.6	3.811	4.762	4.3	19.5
10 8	23 51.04	+20 52.3	3.814	4.757	4.4	19.5
10 18	23 46.98	+19 45.7	3.845	4.753	5.5	19.6
10 28	23 43.88	+18 36.6	3.904	4.748	7.0	19.7

121770 2000 AV_2 9 22.4 58.°13 9.°1/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.42	+29 23.8	2.352	3.041	15.9	19.2
8 29	0 18.16	+30 25.1	2.272	3.047	14.1	19.1
9 8	0 10.98	+31 3.9	2.210	3.052	12.2	19.0
9 18	0 2.43	+31 17.0	2.169	3.058	10.4	18.9
9 28	23 53.35	+31 3.5	2.153	3.064	9.3	18.8
10 8	23 44.71	+30 25.9	2.161	3.070	9.2	18.8
10 18	23 37.38	+29 29.7	2.194	3.075	10.3	18.9
10 28	23 32.06	+28 22.3	2.251	3.081	11.9	19.0

514050 2014 OK_{104} 9 22.4 56.°46 3.°5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.55	− 7 22.9	2.017	2.898	11.9	20.7
8 29	0 14.28	− 8 33.0	1.971	2.914	8.6	20.5
9 8	0 8.42	− 9 46.7	1.949	2.931	5.4	20.3
9 18	0 1.57	−10 57.4	1.954	2.948	3.5	20.2
9 28	23 54.53	−11 58.6	1.986	2.965	5.1	20.4
10 8	23 48.11	−12 44.9	2.046	2.982	8.1	20.6
10 18	23 42.98	−13 13.5	2.131	3.000	11.1	20.8
10 28	23 39.65	−13 23.3	2.238	3.017	13.6	21.0

127823 2003 FD_{92} 9 22.4 118.°69 4.°1/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.72	−12 37.8	2.274	3.144	11.1	20.8
8 29	0 18.67	−13 11.0	2.219	3.153	8.3	20.6
9 8	0 11.02	−13 42.8	2.188	3.163	5.6	20.5
9 18	0 2.37	−14 8.5	2.185	3.172	4.1	20.4
9 28	23 53.53	−14 23.4	2.211	3.181	5.4	20.5
10 8	23 45.31	−14 24.5	2.265	3.190	8.1	20.7
10 18	23 38.43	−14 10.6	2.344	3.198	10.8	20.9
10 28	23 33.38	−13 41.9	2.447	3.207	13.1	21.0

134601 1999 TM_{151} 9 22.4 24.°50 2.°1/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.24	+ 0 22.2	0.876	1.788	20.3	18.0
8 29	0 14.01	− 0 45.1	0.843	1.801	14.8	17.7
9 8	0 8.82	− 2 11.2	0.827	1.817	8.7	17.5
9 18	0 1.76	− 3 44.7	0.832	1.835	2.8	17.2
9 28	23 54.39	− 5 11.5	0.858	1.854	5.1	17.4
10 8	23 48.28	− 6 19.1	0.906	1.875	10.8	17.8
10 18	23 44.54	− 7 0.3	0.974	1.897	15.9	18.2
10 28	23 43.83	− 7 12.9	1.060	1.920	20.1	18.5

508854 2002 GC_{192} 9 22.4 255.°12 1.°4/25.4 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.14	+ 9 4.7	4.455	5.262	7.2	21.6
8 29	0 9.64	+ 8 54.4	4.363	5.257	5.6	21.5
9 8	0 5.38	+ 8 36.8	4.296	5.252	3.8	21.3
9 18	0 0.63	+ 8 12.8	4.258	5.247	2.1	21.2
9 28	23 55.71	+ 7 44.2	4.249	5.243	1.5	21.1
10 8	23 50.97	+ 7 13.3	4.270	5.238	3.0	21.3
10 18	23 46.75	+ 6 42.2	4.320	5.233	4.8	21.4
10 28	23 43.34	+ 6 13.3	4.398	5.228	6.5	21.5

372359 2009 HN_{29} 9 22.4 80.°33 5.°6/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.62	− 9 46.6	1.311	2.203	16.2	21.1
8 29	0 20.24	−10 59.4	1.269	2.217	12.0	20.9
9 8	0 12.32	−12 14.5	1.249	2.231	7.8	20.7
9 18	0 2.82	−13 22.1	1.253	2.245	5.6	20.6
9 28	23 53.06	−14 12.4	1.282	2.258	7.6	20.8
10 8	23 44.39	−14 39.1	1.336	2.272	11.5	21.0
10 18	23 37.85	−14 40.2	1.412	2.286	15.3	21.3
10 28	23 34.09	−14 17.0	1.506	2.299	18.5	21.5

208819 2002 RV_{16} 9 22.4 9.°36 2.°5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.61	+ 5 6.3	1.405	2.266	17.1	19.2
8 29	0 18.86	+ 5 35.4	1.340	2.267	13.2	19.0
9 8	0 11.62	+ 5 49.5	1.297	2.270	8.7	18.7
9 18	0 2.66	+ 5 49.7	1.276	2.273	4.1	18.5
9 28	23 53.18	+ 5 39.8	1.281	2.278	3.2	18.4
10 8	23 44.48	+ 5 25.3	1.311	2.283	7.6	18.7
10 18	23 37.69	+ 5 12.0	1.365	2.290	12.0	19.0
10 28	23 33.58	+ 5 5.5	1.441	2.297	15.9	19.3

188885 2006 WQ_{69} 9 22.4 332.°72 5.°6/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.21	− 8 29.4	1.275	2.177	15.8	19.9
8 29	0 15.83	− 9 55.9	1.215	2.168	11.8	19.6
9 8	0 9.89	−11 29.9	1.175	2.160	7.7	19.4
9 18	0 2.14	−13 0.6	1.160	2.152	5.6	19.2
9 28	23 53.81	−14 15.9	1.168	2.146	8.0	19.4
10 8	23 46.27	−15 6.7	1.200	2.139	12.2	19.6
10 18	23 40.65	−15 28.2	1.253	2.134	16.4	19.8
10 28	23 37.78	−15 20.0	1.325	2.129	20.0	20.1

347515 1999 TS_7 9 22.4 0.°56 9.°7/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.18	−21 11.6	1.059	1.957	18.7	18.2
8 29	0 24.33	−21 12.8	1.011	1.953	14.9	18.0
9 8	0 15.11	−20 58.4	0.981	1.951	11.4	17.8
9 18	0 3.73	−20 19.4	0.973	1.950	9.7	17.7
9 28	23 51.96	−19 9.9	0.986	1.951	11.2	17.8
10 8	23 41.66	−17 30.6	1.022	1.955	14.6	18.0
10 18	23 34.18	−15 27.5	1.079	1.960	18.4	18.3
10 28	23 30.26	−13 7.8	1.154	1.967	21.8	18.5

15545 2000 EK_{46} 9 22.4 269.°72 0.°1/22.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.22	+ 2 8.9	3.293	4.134	8.7	19.4
8 29	0 12.17	+ 1 46.9	3.199	4.120	6.5	19.2
9 8	0 7.04	+ 1 17.8	3.130	4.106	4.0	19.0
9 18	0 1.17	+ 0 43.7	3.090	4.091	1.3	18.8
9 28	23 55.04	+ 0 7.5	3.079	4.077	1.5	18.8
10 8	23 49.14	− 0 27.5	3.099	4.062	4.3	19.0
10 18	23 43.96	− 0 58.2	3.146	4.048	6.8	19.1
10 28	23 39.92	− 1 22.1	3.220	4.033	9.1	19.3

45482 2000 AU_{233} 9 22.4 352.°37 7.°1/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.03	−10 58.4	1.089	2.001	17.1	17.9
8 29	0 15.98	−12 24.0	1.038	1.995	12.8	17.6
9 8	0 10.08	−13 53.5	1.007	1.991	8.8	17.4
9 18	0 2.21	−15 14.3	0.998	1.987	7.1	17.3
9 28	23 53.78	−16 13.8	1.011	1.985	9.6	17.4
10 8	23 46.32	−16 43.1	1.046	1.984	13.8	17.7
10 18	23 41.07	−16 39.6	1.101	1.983	18.0	17.9
10 28	23 38.85	−16 4.9	1.172	1.984	21.6	18.2

359364 2009 UF_{130} 9 22.4 259.°41 2.°6/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.92	−13 22.0	4.580	5.450	5.9	20.9
8 29	0 9.47	−14 1.0	4.507	5.441	4.4	20.7
9 8	0 5.27	−14 39.5	4.460	5.432	3.1	20.6
9 18	0 0.60	−15 15.0	4.442	5.422	2.6	20.6
9 28	23 55.78	−15 45.0	4.454	5.413	3.4	20.6
10 8	23 51.15	−16 7.5	4.495	5.404	4.8	20.7
10 18	23 47.04	−16 21.1	4.563	5.394	6.3	20.8
10 28	23 43.72	−16 25.0	4.654	5.385	7.7	20.9

110072 2001 SB_{112} 9 22.4 321.°65 2.°3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.44	+ 4 23.8	1.268	2.139	18.0	18.2
8 29	0 18.64	+ 4 50.5	1.180	2.113	14.0	17.9
9 8	0 11.92	+ 5 2.1	1.110	2.087	9.3	17.5
9 18	0 2.90	+ 4 59.2	1.063	2.062	4.2	17.2
9 28	23 52.76	+ 4 45.3	1.040	2.038	3.4	17.1
10 8	23 43.07	+ 4 26.7	1.041	2.015	8.8	17.3
10 18	23 35.31	+ 4 10.4	1.064	1.993	14.2	17.5
10 28	23 30.62	+ 4 3.3	1.107	1.972	19.0	17.8

368000 2012 FK_{44} 9 22.4 260.°97 1.°0/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.09	− 0 25.1	2.352	3.212	11.1	21.0
8 29	0 13.94	− 1 11.9	2.270	3.203	8.2	20.8
9 8	0 8.28	− 2 7.7	2.213	3.194	4.9	20.6
9 18	0 1.59	− 3 8.6	2.182	3.185	1.5	20.3
9 28	23 54.56	− 4 9.2	2.181	3.176	2.7	20.4
10 8	23 47.90	− 5 4.1	2.209	3.166	6.2	20.6
10 18	23 42.30	− 5 48.8	2.263	3.157	9.4	20.8
10 28	23 38.30	− 6 19.9	2.342	3.148	12.3	21.0

145047 2005 GW_3 9 22.4 112.°94 0.°4/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.62	+ 2 30.5	1.991	2.848	13.0	20.3
8 29	0 15.19	+ 1 32.6	1.927	2.857	9.6	20.1
9 8	0 9.06	+ 0 22.2	1.886	2.865	5.8	19.9
9 18	0 1.83	− 0 55.8	1.872	2.874	1.7	19.7
9 28	23 54.31	− 2 14.5	1.886	2.883	2.6	19.8
10 8	23 47.36	− 3 27.1	1.929	2.891	6.5	20.0
10 18	23 41.72	− 4 27.7	1.998	2.899	10.1	20.3
10 28	23 37.95	− 5 12.4	2.091	2.907	13.2	20.5

185045 2006 QT_{168} 9 22.4 324.°11 4.°2/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.18	− 6 40.0	1.090	1.995	17.7	19.9
8 29	0 17.95	− 7 12.6	1.015	1.970	13.3	19.6
9 8	0 11.58	− 7 54.0	0.958	1.946	8.3	19.2
9 18	0 2.80	− 8 35.9	0.923	1.923	4.4	18.9
9 28	23 52.97	− 9 8.2	0.911	1.901	6.7	19.0
10 8	23 43.81	− 9 21.5	0.921	1.880	12.2	19.2
10 18	23 36.87	− 9 10.6	0.951	1.861	17.5	19.5
10 28	23 33.27	− 8 33.9	0.997	1.843	22.2	19.7

39798 1997 TW_{28} 9 22.4 332.°40 1.°5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.22	− 6 9.7	3.867	4.730	7.1	19.3
8 29	0 10.52	− 6 34.7	3.790	4.725	5.2	19.2
9 8	0 5.96	− 7 1.9	3.739	4.720	3.1	19.0
9 18	0 0.84	− 7 29.0	3.717	4.716	1.5	18.9
9 28	23 55.55	− 7 53.3	3.725	4.712	2.4	19.0
10 8	23 50.49	− 8 12.5	3.763	4.707	4.4	19.1
10 18	23 46.05	− 8 24.8	3.828	4.703	6.4	19.3
10 28	23 42.55	− 8 28.9	3.918	4.699	8.2	19.4

98857 2001 AM_{38} 9 22.4 110.°08 2.°0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.11	− 4 59.4	2.070	2.930	12.5	19.2
8 29	0 20.51	− 5 21.5	2.017	2.950	9.1	19.0
9 8	0 12.17	− 5 48.0	1.988	2.969	5.5	18.8
9 18	0 2.77	− 6 14.5	1.987	2.987	2.2	18.6
9 28	23 53.20	− 6 36.3	2.015	3.005	3.5	18.7
10 8	23 44.37	− 6 49.7	2.071	3.022	7.0	19.0
10 18	23 37.01	− 6 52.0	2.155	3.039	10.3	19.2
10 28	23 31.68	− 6 42.0	2.262	3.056	13.1	19.5

300839 2007 XZ_{38} 9 22.4 324.°83 1.°2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.92	+ 3 58.6	1.590	2.452	15.5	20.2
8 29	0 16.79	+ 3 57.1	1.508	2.438	11.8	19.9
9 8	0 10.39	+ 3 41.1	1.448	2.424	7.6	19.7
9 18	0 2.34	+ 3 13.1	1.411	2.412	3.0	19.4
9 28	23 53.65	+ 2 38.1	1.401	2.399	2.6	19.3
10 8	23 45.49	+ 2 2.3	1.416	2.388	7.3	19.6
10 18	23 38.91	+ 1 32.1	1.457	2.377	11.8	19.8
10 28	23 34.73	+ 1 12.9	1.519	2.366	15.7	20.0

134592 1999 TK_{111} 9 22.4 342.°71 4.°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.57	+ 8 34.0	1.171	2.035	19.7	19.0
8 29	0 18.69	+ 9 8.4	1.102	2.026	15.6	18.7
9 8	0 11.87	+ 9 21.7	1.050	2.019	10.8	18.4
9 18	0 2.86	+ 9 13.6	1.019	2.013	6.1	18.1
9 28	23 53.00	+ 8 47.4	1.012	2.007	4.6	18.0
10 8	23 43.92	+ 8 10.6	1.028	2.003	8.7	18.3
10 18	23 37.00	+ 7 32.2	1.066	1.999	13.7	18.5
10 28	23 33.24	+ 7 1.0	1.124	1.996	18.2	18.8

56822 2000 QR_{12} 9 22.4 22.°19 0.°2/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.35	+ 2 6.4	1.808	2.671	13.8	19.0
8 29	0 15.19	+ 1 31.9	1.741	2.674	10.3	18.8
9 8	0 9.17	+ 0 44.7	1.697	2.677	6.3	18.6
9 18	0 1.90	− 0 10.5	1.678	2.680	1.9	18.3
9 28	23 54.27	− 1 7.8	1.686	2.684	2.5	18.4
10 8	23 47.24	− 2 0.5	1.722	2.688	6.8	18.6
10 18	23 41.61	− 2 43.0	1.783	2.692	10.7	18.9
10 28	23 38.01	− 3 11.2	1.867	2.697	14.0	19.1

151282 2002 AV_{195} 9 22.4 284.°80 1.°4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.20	− 2 1.5	2.060	2.926	12.2	20.7
8 29	0 15.69	− 2 36.5	1.983	2.919	9.0	20.5
9 8	0 9.43	− 3 19.8	1.929	2.912	5.4	20.3
9 18	0 1.99	− 4 6.9	1.902	2.904	1.8	20.0
9 28	23 54.14	− 4 52.5	1.903	2.897	3.2	20.1
10 8	23 46.77	− 5 31.0	1.932	2.890	6.9	20.4
10 18	23 40.64	− 5 58.2	1.987	2.883	10.5	20.6
10 28	23 36.37	− 6 11.2	2.065	2.875	13.6	20.8

122970 2000 SU_{223} 9 22.4 264.°45 0.°4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.07	+ 3 55.3	1.803	2.658	14.2	20.4
8 29	0 16.66	+ 3 19.3	1.717	2.644	10.8	20.2
9 8	0 10.21	+ 2 27.9	1.653	2.630	6.7	19.9
9 18	0 2.27	+ 1 24.8	1.614	2.615	2.3	19.6
9 28	23 53.77	+ 0 16.2	1.603	2.601	2.5	19.6
10 8	23 45.72	− 0 50.4	1.619	2.586	7.0	19.8
10 18	23 39.07	− 1 47.9	1.661	2.571	11.3	20.0
10 28	23 34.58	− 2 31.0	1.726	2.556	14.9	20.3

198365 2004 VJ_{15} 9 22.4 36.°14 6.°3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.73	−12 26.5	1.313	2.210	15.8	19.4
8 29	0 18.84	−13 24.7	1.273	2.222	11.8	19.2
9 8	0 11.49	−14 21.5	1.255	2.234	8.1	19.0
9 18	0 2.61	−15 7.9	1.260	2.248	6.3	18.9
9 28	23 53.49	−15 35.5	1.290	2.262	8.1	19.1
10 8	23 45.44	−15 39.5	1.343	2.276	11.7	19.3
10 18	23 39.47	−15 19.1	1.418	2.292	15.3	19.6
10 28	23 36.19	−14 36.3	1.513	2.307	18.4	19.9

447362 2006 AK_3 9 22.4 239.°25 9.°7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.23	−36 47.0	2.802	3.627	10.5	20.9
8 29	0 17.06	−38 26.3	2.762	3.615	9.8	20.8
9 8	0 10.21	−39 51.6	2.746	3.601	9.7	20.8
9 18	0 2.22	−40 56.3	2.753	3.588	10.2	20.8
9 28	23 53.87	−41 35.7	2.784	3.574	11.2	20.9
10 8	23 46.00	−41 48.0	2.836	3.560	12.5	21.0
10 18	23 39.35	−41 33.8	2.907	3.545	13.7	21.1
10 28	23 34.50	−40 55.8	2.992	3.530	14.8	21.1

212690 2006 WW_{181} 9 22.4 118.°55 1.°3/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.27	− 4 8.3	3.408	4.266	8.1	21.2
8 29	0 12.09	− 4 43.1	3.343	4.276	5.9	21.0
9 8	0 6.93	− 5 21.5	3.304	4.285	3.5	20.9
9 18	0 1.16	− 6 0.6	3.295	4.295	1.4	20.7
9 28	23 55.24	− 6 37.1	3.315	4.304	2.4	20.8
10 8	23 49.63	− 7 8.2	3.365	4.313	4.7	21.0
10 18	23 44.76	− 7 31.6	3.443	4.322	7.0	21.2
10 28	23 40.99	− 7 45.5	3.546	4.331	8.9	21.3

103723 2000 CN_{96} 9 22.4 112.°37 0.°5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.18	+ 3 31.7	1.709	2.560	15.0	20.7
8 29	0 19.51	+ 3 7.0	1.650	2.575	11.3	20.5
9 8	0 11.77	+ 2 28.5	1.613	2.589	7.0	20.3
9 18	0 2.71	+ 1 40.4	1.602	2.603	2.4	20.1
9 28	23 53.34	+ 0 48.6	1.618	2.616	2.4	20.1
10 8	23 44.75	− 0 0.1	1.662	2.629	6.9	20.4
10 18	23 37.83	− 0 40.0	1.733	2.642	10.9	20.7
10 28	23 33.19	− 1 6.8	1.826	2.654	14.3	20.9

321717 2010 HT_{77} 9 22.4 216.°18 0.°5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.76	+ 3 52.8	2.015	2.863	13.2	21.6
8 29	0 16.90	+ 3 24.6	1.935	2.858	10.0	21.4
9 8	0 10.20	+ 2 43.3	1.878	2.853	6.3	21.1
9 18	0 2.25	+ 1 52.4	1.847	2.848	2.2	20.9
9 28	23 53.86	+ 0 57.0	1.844	2.842	2.2	20.8
10 8	23 45.96	+ 0 3.2	1.870	2.837	6.3	21.1
10 18	23 39.37	− 0 43.3	1.922	2.830	10.1	21.3
10 28	23 34.72	− 1 18.1	1.998	2.824	13.4	21.5

264530 2001 RV_{112} 9 22.4 61.°21 0.°5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.80	+ 3 36.9	1.374	2.241	17.1	20.5
8 29	0 18.82	+ 3 10.6	1.325	2.258	12.8	20.3
9 8	0 11.48	+ 2 27.9	1.297	2.276	7.9	20.1
9 18	0 2.63	+ 1 33.9	1.292	2.294	2.7	19.8
9 28	23 53.49	+ 0 36.3	1.313	2.311	2.8	19.9
10 8	23 45.32	− 0 16.8	1.360	2.329	7.8	20.3
10 18	23 39.11	− 0 58.6	1.431	2.348	12.2	20.6
10 28	23 35.50	− 1 24.5	1.524	2.366	16.0	20.9

142892 2002 VZ_{45} 9 22.4 274.°56 0.°2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.34	+ 2 6.5	1.595	2.460	15.3	21.0
8 29	0 17.90	+ 1 32.2	1.510	2.443	11.5	20.7
9 8	0 11.11	+ 0 42.4	1.446	2.426	7.1	20.4
9 18	0 2.61	− 0 18.5	1.406	2.409	2.2	20.1
9 28	23 53.40	− 1 23.5	1.394	2.391	3.0	20.1
10 8	23 44.68	− 2 24.3	1.408	2.373	8.0	20.4
10 18	23 37.56	− 3 13.6	1.446	2.356	12.7	20.6
10 28	23 32.89	− 3 46.0	1.506	2.338	16.7	20.8

55434 2001 TZ_{66} 9 22.4 257.°27 0.°4/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.73	+ 1 25.2	2.031	2.889	12.7	19.6
8 29	0 15.35	+ 0 47.4	1.956	2.887	9.5	19.4
9 8	0 9.23	− 0 1.6	1.905	2.885	5.7	19.2
9 18	0 1.95	− 0 57.7	1.880	2.883	1.7	18.9
9 28	23 54.29	− 1 55.2	1.884	2.881	2.5	18.9
10 8	23 47.13	− 2 48.0	1.915	2.878	6.5	19.2
10 18	23 41.23	− 3 31.1	1.973	2.876	10.1	19.4
10 28	23 37.19	− 4 0.5	2.054	2.874	13.3	19.6

144112 2004 BM_{75} 9 22.4 204.°15 1.°5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.53	+ 7 39.6	1.835	2.672	14.7	20.5
8 29	0 17.66	+ 7 1.7	1.753	2.668	11.3	20.3
9 8	0 10.76	+ 6 5.6	1.694	2.664	7.4	20.0
9 18	0 2.45	+ 4 54.5	1.661	2.659	3.2	19.7
9 28	23 53.65	+ 3 34.5	1.656	2.654	2.4	19.7
10 8	23 45.39	+ 2 13.5	1.678	2.648	6.6	19.9
10 18	23 38.57	+ 0 59.4	1.728	2.641	10.7	20.2
10 28	23 33.91	− 0 1.6	1.801	2.634	14.3	20.4

326138 2012 BW_{24} 9 22.4 114.°45 3.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.46	+11 10.4	2.283	3.096	13.0	20.4
8 29	0 15.74	+11 10.3	2.205	3.099	10.3	20.2
9 8	0 9.41	+10 55.1	2.149	3.102	7.2	20.0
9 18	0 2.00	+10 25.9	2.119	3.105	4.2	19.9
9 28	23 54.24	+ 9 45.8	2.116	3.108	3.2	19.8
10 8	23 46.94	+ 8 59.5	2.143	3.111	5.4	20.0
10 18	23 40.79	+ 8 12.3	2.196	3.114	8.5	20.2
10 28	23 36.38	+ 7 29.3	2.275	3.117	11.3	20.4

206053 2002 QH_{88} 9 22.4 27.°33 0.°4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.75	+ 3 8.3	1.554	2.420	15.5	20.2
8 29	0 16.48	+ 2 45.8	1.492	2.425	11.7	20.0
9 8	0 10.07	+ 2 8.7	1.452	2.431	7.2	19.8
9 18	0 2.23	+ 1 21.2	1.436	2.438	2.4	19.5
9 28	23 54.00	+ 0 29.8	1.447	2.445	2.6	19.5
10 8	23 46.49	− 0 18.3	1.483	2.453	7.3	19.8
10 18	23 40.65	− 0 56.8	1.545	2.460	11.5	20.1
10 28	23 37.13	− 1 21.2	1.628	2.469	15.2	20.4

25946 2001 EH_{12} 9 22.5 249.°46 2.°6/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.41	− 5 16.7	2.109	2.977	11.9	20.2
8 29	0 17.40	− 6 6.8	2.023	2.960	8.8	20.0
9 8	0 10.55	− 7 3.7	1.962	2.943	5.4	19.7
9 18	0 2.40	− 8 2.1	1.927	2.926	2.7	19.5
9 28	23 53.75	− 8 55.7	1.921	2.908	4.3	19.6
10 8	23 45.51	− 9 38.7	1.944	2.889	7.8	19.8
10 18	23 38.51	−10 6.9	1.992	2.870	11.3	20.0
10 28	23 33.41	−10 18.0	2.063	2.850	14.4	20.2

98615 2000 WZ_{80} 9 22.5 170.°83 4.°2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.50	+13 58.5	1.974	2.779	15.1	19.6
8 29	0 17.53	+13 58.1	1.895	2.781	12.1	19.4
9 8	0 10.63	+13 38.1	1.837	2.783	8.8	19.2
9 18	0 2.42	+12 59.2	1.803	2.784	5.6	19.1
9 28	23 53.76	+12 4.7	1.797	2.785	4.2	19.0
10 8	23 45.63	+11 0.6	1.818	2.786	6.3	19.1
10 18	23 38.89	+ 9 53.9	1.866	2.786	9.6	19.3
10 28	23 34.20	+ 8 51.7	1.939	2.786	12.8	19.5

470973 2009 RL_{48} 9 22.5 28.°51 0.°9/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.38	+ 5 59.4	1.312	2.181	17.6	21.1
8 29	0 15.81	+ 5 13.6	1.253	2.186	13.4	20.9
9 8	0 9.82	+ 4 6.1	1.213	2.192	8.4	20.6
9 18	0 2.18	+ 2 42.5	1.196	2.197	3.1	20.3
9 28	23 54.09	+ 1 12.1	1.205	2.204	2.8	20.3
10 8	23 46.82	− 0 14.2	1.239	2.211	8.0	20.7
10 18	23 41.42	− 1 26.9	1.296	2.218	12.8	20.9
10 28	23 38.63	− 2 19.6	1.375	2.225	16.9	21.2

514369 2016 QE_{88} 9 22.5 272.°13 0.°2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.94	+ 3 33.3	1.853	2.711	13.8	21.1
8 29	0 15.04	+ 2 33.9	1.766	2.697	10.3	20.9
9 8	0 9.21	+ 1 18.2	1.703	2.682	6.3	20.6
9 18	0 2.00	− 0 9.2	1.666	2.668	1.9	20.3
9 28	23 54.27	− 1 40.8	1.657	2.654	2.7	20.3
10 8	23 46.98	− 3 8.0	1.675	2.639	7.1	20.6
10 18	23 41.02	− 4 23.3	1.720	2.625	11.3	20.8
10 28	23 37.08	− 5 21.1	1.787	2.610	14.8	21.0

428632 2008 FH_{81} 9 22.5 248.°89 1.°5/21.2 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.25	− 1 11.0	1.638	2.507	14.7	22.5
8 29	0 19.22	− 1 50.8	1.557	2.494	11.0	22.2
9 8	0 11.88	− 2 42.3	1.499	2.482	6.6	22.0
9 18	0 2.86	− 3 40.4	1.466	2.468	2.2	21.6
9 28	23 53.21	− 4 37.6	1.460	2.455	3.7	21.7
10 8	23 44.11	− 5 26.4	1.482	2.441	8.4	22.0
10 18	23 36.64	− 6 0.9	1.528	2.427	12.8	22.2
10 28	23 31.60	− 6 17.3	1.595	2.412	16.6	22.4

259850 2004 CR_{75} 9 22.5 319.°82 3.°2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.29	+ 8 10.9	1.331	2.187	18.2	20.1
8 29	0 18.23	+ 8 19.4	1.255	2.177	14.3	19.8
9 8	0 11.50	+ 8 7.2	1.198	2.168	9.7	19.5
9 18	0 2.79	+ 7 35.3	1.163	2.159	5.0	19.2
9 28	23 53.31	+ 6 48.5	1.153	2.150	3.7	19.1
10 8	23 44.48	+ 5 54.9	1.168	2.142	8.1	19.4
10 18	23 37.58	+ 5 3.5	1.206	2.134	12.9	19.6
10 28	23 33.52	+ 4 22.4	1.265	2.127	17.3	19.9

65693 1991 RO_{11} 9 22.5 9.°25 8.°8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.06	+23 55.1	2.076	2.812	16.5	17.7
8 29	0 20.38	+25 16.8	1.996	2.813	14.4	17.6
9 8	0 12.53	+26 17.9	1.935	2.815	12.1	17.4
9 18	0 3.08	+26 54.3	1.897	2.817	10.0	17.3
9 28	23 52.97	+27 4.7	1.884	2.820	8.9	17.2
10 8	23 43.28	+26 51.2	1.896	2.823	9.3	17.3
10 18	23 35.04	+26 18.9	1.933	2.826	10.9	17.4
10 28	23 29.04	+25 35.5	1.994	2.830	13.0	17.5

314434 2005 UW_{511} 9 22.5 51.°69 4.°0/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.96	−10 33.9	2.037	2.915	11.9	20.7
8 29	0 16.91	−11 16.7	1.979	2.920	8.8	20.5
9 8	0 10.13	−12 0.3	1.946	2.924	5.7	20.3
9 18	0 2.25	−12 39.2	1.938	2.929	4.0	20.2
9 28	23 54.10	−13 7.7	1.959	2.934	5.5	20.3
10 8	23 46.56	−13 21.8	2.006	2.939	8.5	20.5
10 18	23 40.38	−13 19.4	2.079	2.944	11.5	20.7
10 28	23 36.12	−13 0.4	2.173	2.950	14.1	20.9

60313 1999 XW_{218} 9 22.5 276.°67 0.°7/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.65	− 2 6.6	4.444	5.296	6.4	20.0
8 29	0 9.32	− 2 34.2	4.361	5.290	4.7	19.8
9 8	0 5.26	− 3 5.5	4.304	5.285	2.8	19.7
9 18	0 0.72	− 3 38.5	4.277	5.279	0.9	19.5
9 28	23 56.02	− 4 10.9	4.280	5.273	1.6	19.6
10 8	23 51.51	− 4 40.3	4.313	5.267	3.5	19.7
10 18	23 47.51	− 5 4.9	4.374	5.262	5.4	19.9
10 28	23 44.30	− 5 23.1	4.462	5.256	7.1	20.0

356555 2011 SC_{194} 9 22.5 227.°42 1.°9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.90	− 4 51.7	2.084	2.947	12.2	21.3
8 29	0 19.17	− 5 10.7	2.007	2.942	9.0	21.1
9 8	0 11.59	− 5 34.6	1.955	2.936	5.5	20.8
9 18	0 2.75	− 5 59.4	1.930	2.931	2.2	20.6
9 28	23 53.52	− 6 20.4	1.933	2.925	3.6	20.7
10 8	23 44.81	− 6 33.2	1.965	2.918	7.2	20.9
10 18	23 37.44	− 6 35.0	2.024	2.912	10.7	21.1
10 28	23 32.05	− 6 23.9	2.105	2.905	13.7	21.3

260438 2004 XH_{130} 9 22.5 291.°24 6.°6/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.38	+20 21.7	2.350	3.106	14.3	20.3
8 29	0 17.47	+21 5.0	2.246	3.087	12.2	20.1
9 8	0 10.69	+21 30.4	2.164	3.069	9.9	20.0
9 18	0 2.53	+21 36.0	2.105	3.050	7.7	19.8
9 28	23 53.72	+21 21.5	2.072	3.032	6.6	19.7
10 8	23 45.17	+20 49.7	2.066	3.014	7.3	19.7
10 18	23 37.73	+20 5.3	2.087	2.995	9.4	19.8
10 28	23 32.14	+19 14.8	2.133	2.977	11.9	19.9

355332 2007 TV_{57} 9 22.5 352.°74 0.°9/23.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.04	+ 4 4.1	1.224	2.108	17.6	20.4
8 29	0 13.60	+ 3 45.5	1.157	2.099	13.4	20.1
9 8	0 8.65	+ 3 7.6	1.110	2.092	8.5	19.8
9 18	0 1.91	+ 2 14.5	1.084	2.086	3.1	19.5
9 28	23 54.55	+ 1 13.9	1.083	2.082	2.9	19.5
10 8	23 47.91	+ 0 15.7	1.105	2.079	8.4	19.8
10 18	23 43.14	− 0 31.6	1.149	2.078	13.4	20.1
10 28	23 41.06	− 1 1.5	1.213	2.078	17.7	20.3

514937 2008 UG_{365} 9 22.5 326.°09 3.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.30	+ 5 4.9	1.329	2.189	18.0	20.4
8 29	0 21.48	+ 6 1.5	1.243	2.168	14.1	20.1
9 8	0 13.70	+ 6 45.9	1.176	2.147	9.6	19.7
9 18	0 3.59	+ 7 17.3	1.132	2.128	5.0	19.4
9 28	23 52.39	+ 7 36.6	1.113	2.109	4.1	19.3
10 8	23 41.68	+ 7 47.5	1.118	2.091	8.6	19.5
10 18	23 32.92	+ 7 54.9	1.148	2.074	13.7	19.8
10 28	23 27.25	+ 8 5.0	1.197	2.058	18.2	20.0

261922 2006 KW_{69} 9 22.5 185.°06 1.°7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.60	− 0 18.4	1.510	2.382	15.6	21.3
8 29	0 18.76	− 1 20.2	1.444	2.383	11.5	21.1
9 8	0 11.58	− 2 36.1	1.399	2.383	6.9	20.8
9 18	0 2.79	− 3 59.1	1.380	2.382	2.3	20.5
9 28	23 53.51	− 5 20.0	1.387	2.381	4.0	20.7
10 8	23 44.95	− 6 29.6	1.421	2.380	8.8	20.9
10 18	23 38.16	− 7 21.3	1.480	2.378	13.2	21.2
10 28	23 33.88	− 7 51.2	1.559	2.376	16.9	21.4

295599 2008 SY_{169} 9 22.5 287.°53 1.°0/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.47	+ 7 2.4	4.325	5.144	7.2	21.2
8 29	0 9.23	+ 6 40.1	4.234	5.138	5.5	21.0
9 8	0 5.24	+ 6 10.7	4.168	5.132	3.6	20.9
9 18	0 0.74	+ 5 35.6	4.130	5.125	1.7	20.7
9 28	23 56.07	+ 4 56.7	4.122	5.119	1.2	20.7
10 8	23 51.59	+ 4 16.7	4.145	5.113	3.1	20.8
10 18	23 47.63	+ 3 38.0	4.196	5.107	5.0	21.0
10 28	23 44.48	+ 3 3.0	4.275	5.101	6.8	21.1

2786 Grinevia 9 22.5 336.°97 2.°1/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.39	− 5 48.8	1.357	2.240	16.3	15.2
8 29	0 21.97	− 5 33.9	1.284	2.227	12.2	14.9
9 8	0 13.76	− 5 22.7	1.232	2.216	7.5	14.6
9 18	0 3.54	− 5 11.0	1.204	2.205	2.8	14.3
9 28	23 52.61	− 4 54.1	1.201	2.196	4.3	14.4
10 8	23 42.45	− 4 27.7	1.224	2.187	9.3	14.7
10 18	23 34.33	− 3 49.8	1.270	2.179	14.1	14.9
10 28	23 29.16	− 2 59.4	1.337	2.172	18.2	15.2

242027 2002 QX_{64} 9 22.5 342.°01 2.°0/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.85	− 2 49.4	1.588	2.467	14.5	20.1
8 29	0 16.65	− 3 26.0	1.520	2.462	10.7	19.8
9 8	0 10.27	− 4 12.2	1.474	2.458	6.5	19.6
9 18	0 2.40	− 5 2.2	1.452	2.454	2.4	19.3
9 28	23 54.05	− 5 48.9	1.457	2.450	4.0	19.4
10 8	23 46.35	− 6 25.3	1.488	2.447	8.4	19.7
10 18	23 40.26	− 6 46.8	1.543	2.444	12.6	19.9
10 28	23 36.49	− 6 50.4	1.620	2.442	16.1	20.2

354192 2002 EG_{52} 9 22.5 162.°72 0.°9/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.69	− 1 28.9	2.988	3.837	9.3	22.4
8 29	0 14.78	− 2 9.0	2.916	3.844	6.8	22.3
9 8	0 8.69	− 2 55.1	2.870	3.850	4.1	22.1
9 18	0 1.83	− 3 43.8	2.853	3.855	1.3	21.9
9 28	23 54.76	− 4 31.2	2.867	3.860	2.3	22.0
10 8	23 48.06	− 5 13.6	2.910	3.864	5.1	22.2
10 18	23 42.24	− 5 47.8	2.982	3.868	7.7	22.4
10 28	23 37.73	− 6 11.7	3.079	3.871	10.0	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
257152	2008 HD_{21}		9 22.5	117.°83	1.°8/20.3	18
	h m	° ′			°	m
8 19	0 19.23	− 3 3.0	2.323	3.188	11.1	21.2
8 29	0 14.74	− 3 55.4	2.259	3.195	8.1	21.1
9 8	0 8.78	− 4 54.4	2.221	3.203	4.8	20.9
9 18	0 1.87	− 5 55.3	2.210	3.210	2.0	20.7
9 28	23 54.72	− 6 52.6	2.228	3.218	3.3	20.8
10 8	23 48.05	− 7 41.3	2.274	3.225	6.5	21.0
10 18	23 42.51	− 8 17.6	2.347	3.232	9.6	21.2
10 28	23 38.58	− 8 39.2	2.444	3.239	12.2	21.4
322228	2011 BZ_{52}		9 22.5	292.°36	0.°1/22.5	18
8 19	0 18.53	+ 2 25.6	2.334	3.184	11.5	20.7
8 29	0 14.30	+ 1 54.7	2.256	3.182	8.6	20.5
9 8	0 8.56	+ 1 13.5	2.202	3.179	5.3	20.3
9 18	0 1.83	+ 0 25.4	2.175	3.177	1.7	20.0
9 28	23 54.76	− 0 25.2	2.177	3.174	2.0	20.0
10 8	23 48.11	− 1 13.0	2.207	3.172	5.6	20.3
10 18	23 42.54	− 1 53.7	2.265	3.170	8.9	20.5
10 28	23 38.57	− 2 23.6	2.346	3.167	11.8	20.7
402407	2005 YA_{139}		9 22.5	306.°86	0.°3/22.8	17
8 19	0 19.35	+ 2 45.9	1.972	2.828	13.1	21.6
8 29	0 15.30	+ 2 23.9	1.882	2.810	9.9	21.4
9 8	0 9.38	+ 1 49.5	1.814	2.792	6.2	21.1
9 18	0 2.13	+ 1 5.8	1.772	2.774	2.1	20.8
9 28	23 54.35	+ 0 17.9	1.758	2.756	2.3	20.8
10 8	23 46.96	− 0 28.4	1.771	2.739	6.5	21.0
10 18	23 40.80	− 1 7.5	1.811	2.722	10.4	21.2
10 28	23 36.57	− 1 34.9	1.873	2.705	13.9	21.4
358766	2008 DF_4		9 22.5	75.°23	0.°2/22.3	18
8 19	0 18.30	+ 3 9.9	2.027	2.882	12.8	21.4
8 29	0 14.30	+ 2 14.7	1.956	2.885	9.6	21.2
9 8	0 8.63	+ 1 6.3	1.908	2.887	5.8	21.0
9 18	0 1.85	− 0 10.7	1.887	2.889	1.8	20.7
9 28	23 54.74	− 1 29.8	1.894	2.891	2.4	20.8
10 8	23 48.13	− 2 43.9	1.929	2.894	6.4	21.0
10 18	23 42.76	− 3 47.1	1.992	2.896	10.0	21.3
10 28	23 39.20	− 4 35.2	2.077	2.898	13.1	21.5
451355	2010 WF_{51}		9 22.5	223.°31	3.°5/18.7	18
8 19	0 22.35	−10 13.9	2.347	3.218	10.8	21.1
8 29	0 17.08	−10 49.1	2.278	3.215	8.0	20.9
9 8	0 10.23	−11 25.3	2.234	3.212	5.2	20.7
9 18	0 2.34	−11 57.8	2.217	3.209	3.5	20.6
9 28	23 54.16	−12 21.9	2.229	3.205	4.8	20.7
10 8	23 46.46	−12 33.9	2.269	3.202	7.6	20.9
10 18	23 39.94	−12 31.8	2.334	3.198	10.4	21.0
10 28	23 35.15	−12 14.9	2.423	3.194	12.9	21.2
453709	2010 YG		9 22.5	226.°19	5.°5/30.4	18
8 19	0 19.96	+22 48.4	2.967	3.695	12.2	21.8
8 29	0 15.25	+23 0.3	2.865	3.685	10.4	21.7
9 8	0 9.13	+22 55.0	2.784	3.674	8.5	21.5
9 18	0 2.02	+22 31.6	2.727	3.663	6.6	21.4
9 28	23 54.52	+21 51.2	2.698	3.652	5.6	21.3
10 8	23 47.29	+20 56.7	2.696	3.640	6.0	21.3
10 18	23 40.97	+19 52.8	2.722	3.628	7.6	21.4
10 28	23 36.08	+18 44.9	2.775	3.616	9.6	21.5
291052	2005 YW_{57}		9 22.5	192.°86	1.°2/21.0	18
8 19	0 19.59	− 2 1.6	2.592	3.449	10.3	21.6
8 29	0 14.92	− 2 38.5	2.516	3.448	7.6	21.4
9 8	0 8.88	− 3 21.9	2.466	3.447	4.5	21.2
9 18	0 1.92	− 4 8.2	2.443	3.445	1.6	21.0
9 28	23 54.69	− 4 53.0	2.450	3.443	2.6	21.1
10 8	23 47.84	− 5 32.0	2.486	3.440	5.8	21.3
10 18	23 41.98	− 6 1.8	2.549	3.438	8.7	21.5
10 28	23 37.62	− 6 19.9	2.636	3.435	11.3	21.7
248945	2006 WH_{146}		9 22.5	112.°17	2.°4/26.6	18
8 19	0 16.51	+12 34.7	3.480	4.271	9.4	20.8
8 29	0 12.33	+12 24.4	3.403	4.283	7.5	20.7
9 8	0 7.17	+12 3.2	3.351	4.295	5.3	20.5
9 18	0 1.37	+11 32.3	3.325	4.307	3.3	20.4
9 28	23 55.39	+10 53.7	3.329	4.318	2.4	20.4
10 8	23 49.71	+10 10.7	3.363	4.330	3.8	20.5
10 18	23 44.77	+ 9 26.6	3.426	4.341	5.9	20.6
10 28	23 40.92	+ 8 44.7	3.515	4.352	7.9	20.8
448386	2009 PP_{17}		9 22.5	56.°47	2.°5/25.4	15
8 19	0 19.47	+11 13.8	1.882	2.708	14.9	21.2
8 29	0 15.12	+10 33.9	1.831	2.735	11.5	21.0
9 8	0 9.06	+ 9 35.0	1.802	2.763	7.8	20.8
9 18	0 1.97	+ 8 20.9	1.798	2.790	4.1	20.7
9 28	23 54.70	+ 6 57.7	1.821	2.817	2.7	20.6
10 8	23 48.13	+ 5 33.2	1.873	2.845	5.8	20.9
10 18	23 42.98	+ 4 14.5	1.951	2.872	9.2	21.2
10 28	23 39.73	+ 3 7.6	2.054	2.899	12.3	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
342204	2008 SZ_{223}		9 22.5	292.°79	1.°9/20.8	18
	h m	° ′			°	m
8 19	0 21.58	− 1 58.5	1.618	2.494	14.5	21.4
8 29	0 17.39	− 2 42.0	1.530	2.471	10.8	21.2
9 8	0 10.89	− 3 37.5	1.465	2.449	6.6	20.9
9 18	0 2.67	− 4 39.6	1.424	2.426	2.4	20.6
9 28	23 53.72	− 5 40.5	1.410	2.403	4.1	20.6
10 8	23 45.22	− 6 32.1	1.422	2.381	8.8	20.8
10 18	23 38.25	− 7 8.2	1.458	2.358	13.3	21.1
10 28	23 33.68	− 7 24.6	1.516	2.336	17.1	21.3
183821	2004 BV_{77}		9 22.5	348.°48	0.°1/22.5	18
8 19	0 20.63	+ 0 59.5	1.066	1.959	19.0	19.6
8 29	0 17.40	+ 0 57.5	1.002	1.950	14.3	19.3
9 8	0 11.18	+ 0 39.5	0.958	1.943	8.9	18.9
9 18	0 2.79	+ 0 9.9	0.934	1.937	2.8	18.6
9 28	23 53.64	− 0 23.8	0.933	1.932	3.5	18.6
10 8	23 45.35	− 0 52.8	0.955	1.928	9.5	19.0
10 18	23 39.32	− 1 9.8	0.998	1.926	15.0	19.3
10 28	23 36.48	− 1 9.7	1.059	1.925	19.6	19.5
112390	2002 NN_{31}		9 22.5	14.°23	0.°1/22.5	18
8 19	0 20.04	+ 2 46.0	1.564	2.431	15.4	20.0
8 29	0 16.03	+ 2 13.7	1.499	2.433	11.5	19.8
9 8	0 9.89	+ 1 26.5	1.455	2.435	7.1	19.6
9 18	0 2.30	+ 0 29.2	1.436	2.438	2.3	19.3
9 28	23 54.27	− 0 31.4	1.443	2.441	2.7	19.3
10 8	23 46.93	− 1 27.3	1.477	2.445	7.4	19.6
10 18	23 41.21	− 2 12.2	1.535	2.449	11.7	19.9
10 28	23 37.78	− 2 41.2	1.615	2.453	15.4	20.1
151453	2002 GT_{102}		9 22.5	250.°71	0.°1/22.3	18
8 19	0 20.60	+ 1 30.3	2.508	3.355	11.0	21.5
8 29	0 15.83	+ 1 3.3	2.415	3.339	8.2	21.3
9 8	0 9.53	+ 0 27.0	2.345	3.322	5.0	21.1
9 18	0 2.17	− 0 15.6	2.304	3.306	1.6	20.8
9 28	23 54.39	− 1 0.4	2.291	3.288	2.1	20.8
10 8	23 46.93	− 1 42.8	2.308	3.271	5.6	21.0
10 18	23 40.46	− 2 18.5	2.353	3.253	8.9	21.2
10 28	23 35.56	− 2 44.2	2.422	3.235	11.7	21.4
398721	2012 XM_{106}		9 22.5	205.°36	5.°1/16.4	18
8 19	0 21.52	−13 40.9	2.204	3.081	11.1	21.2
8 29	0 16.61	−14 52.9	2.141	3.078	8.4	21.0
9 8	0 10.01	−16 4.5	2.103	3.074	6.0	20.8
9 18	0 2.30	−17 9.1	2.092	3.071	5.2	20.8
9 28	23 54.26	−18 0.3	2.109	3.066	6.7	20.9
10 8	23 46.73	−18 33.5	2.153	3.062	9.3	21.0
10 18	23 40.45	−18 46.5	2.221	3.057	12.0	21.2
10 28	23 35.98	−18 39.2	2.311	3.051	14.3	21.4
240373	2003 SU_{236}		9 22.5	62.°22	0.°3/22.8	18
8 19	0 21.12	+ 3 52.4	1.622	2.482	15.3	20.3
8 29	0 16.68	+ 3 14.0	1.563	2.493	11.4	20.1
9 8	0 10.19	+ 2 20.2	1.527	2.505	7.1	19.8
9 18	0 2.37	+ 1 16.0	1.515	2.517	2.3	19.6
9 28	23 54.22	+ 0 8.5	1.530	2.528	2.5	19.6
10 8	23 46.81	− 0 54.5	1.572	2.540	7.1	19.9
10 18	23 41.01	− 1 46.6	1.640	2.552	11.2	20.2
10 28	23 37.44	− 2 23.0	1.729	2.565	14.7	20.5
283300	2011 KT_8		9 22.5	76.°13	1.°6/24.2	18
8 19	0 20.02	+ 9 26.7	1.660	2.501	15.9	20.1
8 29	0 15.78	+ 8 22.9	1.603	2.519	12.1	19.9
9 8	0 9.60	+ 6 58.0	1.568	2.537	7.9	19.7
9 18	0 2.17	+ 5 17.3	1.557	2.555	3.4	19.4
9 28	23 54.48	+ 3 29.1	1.575	2.573	2.4	19.4
10 8	23 47.54	+ 1 43.6	1.620	2.591	6.6	19.7
10 18	23 42.16	+ 0 9.3	1.692	2.609	10.6	20.0
10 28	23 38.93	− 1 7.3	1.787	2.626	14.1	20.3
281115	2007 BP_{15}		9 22.5	73.°98	2.°7/20.2	18
8 19	0 23.71	− 3 34.7	1.474	2.354	15.4	20.6
8 29	0 18.66	− 4 32.6	1.428	2.371	11.2	20.4
9 8	0 11.39	− 5 39.1	1.403	2.388	6.7	20.2
9 18	0 2.74	− 6 46.7	1.404	2.404	2.9	20.0
9 28	23 53.83	− 7 46.9	1.431	2.421	4.8	20.2
10 8	23 45.83	− 8 32.5	1.484	2.438	9.0	20.5
10 18	23 39.68	− 8 59.2	1.561	2.454	13.0	20.8
10 28	23 35.97	− 9 5.5	1.659	2.471	16.3	21.0
67809	2000 VS_{18}		9 22.5	239.°13	4.°9/27.9	18
8 19	0 20.30	+17 16.9	1.962	2.753	15.6	19.6
8 29	0 16.07	+17 0.8	1.871	2.745	12.8	19.4
9 8	0 9.88	+16 21.0	1.801	2.737	9.6	19.2
9 18	0 2.32	+15 17.9	1.754	2.728	6.5	19.0
9 28	23 54.23	+13 55.1	1.734	2.719	4.9	18.9
10 8	23 46.59	+12 19.6	1.742	2.709	6.6	19.0
10 18	23 40.29	+10 39.9	1.776	2.700	9.8	19.1
10 28	23 36.04	+ 9 5.3	1.836	2.690	13.1	19.3

400590 2008 YD_{155} 9 22.5 239.°55 6.°6/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.54	−19 32.2	2.309	3.176	11.1	21.8
8 29	0 19.64	−20 36.1	2.236	3.160	8.8	21.6
9 8	0 11.91	−21 35.5	2.188	3.143	7.0	21.5
9 18	0 2.93	−22 23.8	2.167	3.126	6.6	21.5
9 28	23 53.52	−22 54.7	2.174	3.108	8.0	21.5
10 8	23 44.59	−23 4.6	2.208	3.090	10.3	21.6
10 18	23 36.96	−22 52.4	2.265	3.071	12.8	21.8
10 28	23 31.25	−22 19.1	2.343	3.051	15.0	21.9

20473 1999 NS_8 9 22.5 331.°85 7.°1/15.2 18

8 19	0 15.85	−10 58.3	1.329	2.236	15.0	16.3
8 29	0 13.39	−13 0.4	1.267	2.221	11.3	16.0
9 8	0 8.52	−15 9.2	1.227	2.207	8.1	15.8
9 18	0 1.93	−17 12.0	1.211	2.194	7.3	15.8
9 28	23 54.73	−18 55.0	1.219	2.182	9.8	15.9
10 8	23 48.18	−20 7.8	1.250	2.170	13.6	16.1
10 18	23 43.39	−20 45.5	1.302	2.160	17.4	16.3
10 28	23 41.18	−20 48.1	1.371	2.150	20.7	16.5

300554 2007 TC_{276} 9 22.5 77.°60 1.°3/23.8 18

8 19	0 22.19	+ 5 48.9	1.768	2.615	14.8	21.1
8 29	0 17.34	+ 5 28.2	1.706	2.627	11.2	20.9
9 8	0 10.55	+ 4 52.2	1.666	2.638	7.2	20.6
9 18	0 2.49	+ 4 4.4	1.651	2.650	2.9	20.4
9 28	23 54.11	+ 3 10.2	1.663	2.661	2.3	20.4
10 8	23 46.40	+ 2 16.5	1.703	2.673	6.4	20.7
10 18	23 40.21	+ 1 29.2	1.769	2.684	10.3	20.9
10 28	23 36.16	+ 0 53.4	1.858	2.696	13.7	21.2

315020 2007 BG_{49} 9 22.5 68.°21 4.°7/24.9 17

8 19	0 42.93	+ 8 59.3	0.822	1.681	26.3	20.6
8 29	0 33.53	+ 9 34.3	0.802	1.724	20.1	20.4
9 8	0 20.47	+ 9 39.1	0.798	1.766	13.4	20.2
9 18	0 5.47	+ 9 16.0	0.814	1.808	6.9	20.1
9 28	23 50.84	+ 8 33.3	0.853	1.849	5.1	20.1
10 8	23 38.67	+ 7 43.5	0.916	1.889	9.9	20.5
10 18	23 30.19	+ 6 57.9	1.001	1.928	15.1	21.0
10 28	23 25.88	+ 6 24.8	1.104	1.966	19.3	21.4

275393 2011 BD_{15} 9 22.5 274.°65 2.°5/19.1 18

8 19	0 17.05	− 4 5.2	2.404	3.274	10.6	20.6
8 29	0 13.27	− 5 23.5	2.318	3.258	7.7	20.3
9 8	0 8.00	− 6 50.0	2.259	3.241	4.7	20.1
9 18	0 1.70	− 8 19.1	2.227	3.225	2.5	20.0
9 28	23 55.02	− 9 44.3	2.224	3.208	4.1	20.0
10 8	23 48.66	−10 59.3	2.250	3.191	7.2	20.2
10 18	23 43.29	−11 59.4	2.303	3.175	10.3	20.4
10 28	23 39.47	−12 41.4	2.379	3.158	12.9	20.5

145561 2006 OV_2 9 22.5 45.°82 6.°8/16.2 18

8 19	0 22.02	−14 55.9	1.590	2.481	13.9	19.4
8 29	0 17.34	−16 13.4	1.550	2.493	10.6	19.2
9 8	0 10.57	−17 27.7	1.533	2.505	7.7	19.1
9 18	0 2.49	−18 29.9	1.540	2.517	6.8	19.1
9 28	23 54.17	−19 12.1	1.573	2.530	8.5	19.2
10 8	23 46.71	−19 29.7	1.630	2.543	11.5	19.4
10 18	23 40.97	−19 22.1	1.710	2.556	14.5	19.6
10 28	23 37.55	−18 51.0	1.809	2.570	17.0	19.8

470978 2009 SD_{29} 9 22.5 339.°84 0.°5/22.2 18

8 19	0 18.84	− 0 10.3	1.048	1.947	18.7	20.1
8 29	0 16.21	− 0 12.9	0.978	1.930	14.2	19.8
9 8	0 10.57	− 0 30.2	0.927	1.913	8.7	19.4
9 18	0 2.66	− 0 57.9	0.896	1.899	2.7	19.0
9 28	23 53.83	− 1 28.4	0.887	1.886	3.8	19.1
10 8	23 45.75	− 1 52.6	0.901	1.874	9.9	19.4
10 18	23 39.87	− 2 3.3	0.935	1.865	15.6	19.7
10 28	23 37.23	− 1 55.7	0.987	1.857	20.4	19.9

496863 2000 CL_{59} 9 22.5 252.°92 14.°8/ 4.2 17

8 19	0 23.63	−20 47.7	1.068	1.974	17.8	20.7
8 29	0 20.32	−26 2.7	1.021	1.958	15.4	20.5
9 8	0 13.43	−31 17.2	1.001	1.940	15.0	20.5
9 18	0 3.66	−35 59.1	1.007	1.922	17.2	20.5
9 28	23 52.52	−39 41.3	1.037	1.903	20.7	20.7
10 8	23 42.05	−42 11.2	1.085	1.883	24.3	20.9
10 18	23 34.14	−43 30.7	1.147	1.862	27.4	21.1
10 28	23 30.10	−43 49.5	1.217	1.841	29.9	21.2

164357 2005 CN_{75} 9 22.5 357.°65 7.°4/15.1 18

8 19	0 16.60	−12 27.9	1.332	2.238	15.0	19.3
8 29	0 13.82	−14 24.1	1.282	2.235	11.3	19.1
9 8	0 8.69	−16 22.5	1.254	2.233	8.3	18.9
9 18	0 1.96	−18 10.6	1.251	2.231	7.6	18.9
9 28	23 54.77	−19 36.1	1.271	2.231	9.8	19.0
10 8	23 48.36	−20 31.0	1.315	2.231	13.3	19.2
10 18	23 43.74	−20 52.2	1.379	2.233	16.8	19.4
10 28	23 41.63	−20 41.0	1.460	2.235	19.8	19.7

2108 Otto Schmidt 9 22.5 322.°72 4.°4/25.8 18

	h m	° ′			°	m
8 19	0 26.65	+10 39.1	1.602	2.429	17.0	16.2
8 29	0 21.10	+11 12.2	1.527	2.428	13.6	15.9
9 8	0 13.10	+11 27.1	1.472	2.428	9.6	15.7
9 18	0 3.37	+11 23.3	1.441	2.428	5.8	15.5
9 28	23 53.01	+11 3.2	1.436	2.427	4.5	15.4
10 8	23 43.30	+10 32.1	1.458	2.427	7.4	15.6
10 18	23 35.35	+ 9 56.9	1.505	2.427	11.4	15.8
10 28	23 29.99	+ 9 24.8	1.575	2.427	15.0	16.0

514748 2007 DR_{85} 9 22.5 149.°25 2.°1/19.8 18

8 19	0 17.98	− 3 5.3	2.217	3.086	11.4	21.8
8 29	0 13.95	− 4 14.6	2.149	3.087	8.3	21.6
9 8	0 8.38	− 5 31.8	2.105	3.088	5.0	21.4
9 18	0 1.81	− 6 51.2	2.089	3.089	2.2	21.2
9 28	23 54.94	− 8 6.5	2.102	3.090	3.8	21.3
10 8	23 48.52	− 9 11.4	2.144	3.091	7.1	21.5
10 18	23 43.23	−10 1.6	2.211	3.092	10.2	21.7
10 28	23 39.60	−10 34.5	2.302	3.093	12.9	21.9

449024 2012 BX_{139} 9 22.5 163.°00 1.°1/21.1 18

8 19	0 17.87	− 0 10.9	2.477	3.334	10.7	21.5
8 29	0 13.72	− 1 11.0	2.405	3.336	7.9	21.3
9 8	0 8.18	− 2 19.8	2.358	3.339	4.7	21.1
9 18	0 1.74	− 3 33.1	2.339	3.341	1.5	20.9
9 28	23 55.03	− 4 45.3	2.349	3.342	2.7	21.0
10 8	23 48.73	− 5 50.9	2.389	3.344	5.9	21.2
10 18	23 43.44	− 6 45.4	2.456	3.345	9.0	21.4
10 28	23 39.64	− 7 25.8	2.547	3.347	11.6	21.6

342283 2008 TS_{21} 9 22.5 55.°72 1.°4/23.8 18

8 19	0 21.56	+ 6 15.4	1.522	2.378	16.3	21.0
8 29	0 17.14	+ 5 48.0	1.464	2.390	12.4	20.8
9 8	0 10.53	+ 5 2.4	1.428	2.402	7.9	20.5
9 18	0 2.51	+ 4 3.0	1.415	2.415	3.2	20.3
9 28	23 54.14	+ 2 56.5	1.429	2.427	2.5	20.3
10 8	23 46.56	+ 1 51.2	1.469	2.440	7.1	20.6
10 18	23 40.69	+ 0 54.7	1.534	2.453	11.3	20.9
10 28	23 37.19	+ 0 12.6	1.621	2.467	15.0	21.1

388581 2007 RB_{90} 9 22.5 7.°24 0.°3/22.3 18

8 19	0 22.32	+ 0 31.5	1.463	2.337	15.9	20.4
8 29	0 17.88	+ 0 21.2	1.399	2.337	11.9	20.2
9 8	0 11.09	− 0 1.2	1.356	2.338	7.3	19.9
9 18	0 2.72	− 0 31.5	1.338	2.340	2.2	19.6
9 28	23 53.87	− 1 3.7	1.345	2.343	2.9	19.7
10 8	23 45.77	− 1 31.2	1.377	2.346	7.9	20.0
10 18	23 39.45	− 1 48.6	1.434	2.349	12.3	20.3
10 28	23 35.64	− 1 52.2	1.512	2.354	16.1	20.5

516044 2015 TA_{131} 9 22.5 231.°02 4.°5/16.9 18

8 19	0 19.63	−12 56.0	2.391	3.268	10.4	21.2
8 29	0 15.09	−13 57.5	2.327	3.265	7.8	21.1
9 8	0 9.05	−14 58.9	2.288	3.262	5.5	20.9
9 18	0 2.03	−15 54.6	2.277	3.258	4.5	20.8
9 28	23 54.71	−16 38.9	2.294	3.255	5.9	20.9
10 8	23 47.85	−17 7.8	2.338	3.252	8.4	21.1
10 18	23 42.10	−17 19.2	2.407	3.248	10.9	21.2
10 28	23 37.99	−17 12.6	2.497	3.245	13.2	21.4

140581 2001 TX_{223} 9 22.5 46.°09 2.°2/24.9 18

8 19	0 19.52	+ 9 0.3	1.911	2.746	14.4	20.2
8 29	0 15.34	+ 8 37.2	1.838	2.749	11.1	20.0
9 8	0 9.35	+ 7 56.9	1.788	2.753	7.5	19.8
9 18	0 2.15	+ 7 1.9	1.762	2.757	3.7	19.6
9 28	23 54.56	+ 5 57.3	1.764	2.761	2.6	19.5
10 8	23 47.53	+ 4 49.9	1.793	2.765	6.0	19.7
10 18	23 41.83	+ 3 46.4	1.849	2.769	9.7	20.0
10 28	23 38.10	+ 2 52.9	1.929	2.774	13.0	20.2

358571 2007 TY_{353} 9 22.5 344.°12 2.°6/20.5 18

8 19	0 21.20	− 4 42.1	1.384	2.273	15.6	20.3
8 29	0 17.24	− 5 7.3	1.316	2.264	11.6	20.1
9 8	0 10.82	− 5 40.3	1.270	2.256	7.1	19.8
9 18	0 2.66	− 6 15.3	1.247	2.248	3.0	19.5
9 28	23 53.93	− 6 44.7	1.249	2.241	4.8	19.6
10 8	23 45.91	− 7 2.0	1.276	2.236	9.4	19.9
10 18	23 39.72	− 7 2.7	1.326	2.231	13.9	20.1
10 28	23 36.15	− 6 45.0	1.395	2.227	17.7	20.4

89876 2002 CF_{182} 9 22.5 34.°89 0.°2/22.3 18

8 19	0 20.91	+ 1 6.0	1.879	2.740	13.5	19.4
8 29	0 16.33	+ 0 44.5	1.814	2.746	10.0	19.2
9 8	0 9.92	+ 0 12.4	1.772	2.752	6.1	19.0
9 18	0 2.32	− 0 26.3	1.756	2.758	1.9	18.8
9 28	23 54.38	− 1 6.5	1.767	2.765	2.5	18.8
10 8	23 47.04	− 1 42.5	1.806	2.772	6.6	19.1
10 18	23 41.10	− 2 9.8	1.871	2.779	10.3	19.3
10 28	23 37.15	− 2 24.9	1.959	2.786	13.5	19.6

2719 Suzhou 9 22.5 284.°98 0.°4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.18	+ 1 43.9	1.318	2.193	17.2	16.2
8 29	0 18.99	+ 1 11.5	1.240	2.179	13.0	15.9
9 8	0 12.07	+ 0 21.8	1.182	2.165	8.0	15.6
9 18	0 3.12	− 0 40.3	1.148	2.150	2.5	15.2
9 28	23 53.34	− 1 46.4	1.138	2.136	3.4	15.3
10 8	23 44.20	− 2 46.8	1.154	2.122	9.1	15.6
10 18	23 36.98	− 3 33.0	1.192	2.107	14.3	15.8
10 28	23 32.63	− 3 59.3	1.251	2.093	18.7	16.0

392461 2010 XT_{65} 9 22.5 245.°74 1.°9/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.11	− 9 44.0	4.586	5.452	6.0	21.3
8 29	0 9.67	−10 16.8	4.513	5.449	4.4	21.1
9 8	0 5.51	−10 50.3	4.468	5.445	2.8	21.0
9 18	0 0.89	−11 22.1	4.451	5.442	1.9	21.0
9 28	23 56.13	−11 50.0	4.464	5.438	2.7	21.0
10 8	23 51.56	−12 12.0	4.506	5.434	4.3	21.1
10 18	23 47.50	−12 26.5	4.576	5.431	5.9	21.2
10 28	23 44.23	−12 32.7	4.671	5.427	7.3	21.4

130857 2000 UV_{77} 9 22.5 307.°09 0.°5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.50	+ 4 6.5	1.524	2.390	15.8	19.5
8 29	0 15.96	+ 3 34.6	1.437	2.370	12.0	19.2
9 8	0 10.09	+ 2 44.6	1.371	2.350	7.6	18.9
9 18	0 2.48	+ 1 40.2	1.328	2.330	2.6	18.5
9 28	23 54.12	+ 0 28.4	1.311	2.310	2.7	18.5
10 8	23 46.24	− 0 41.9	1.321	2.291	7.9	18.8
10 18	23 39.93	− 1 42.2	1.354	2.272	12.7	19.0
10 28	23 36.07	− 2 25.8	1.409	2.253	16.9	19.2

274970 2009 SK_{347} 9 22.5 292.°19 2.°3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.70	−10 35.8	4.168	5.036	6.5	20.4
8 29	0 10.19	−11 11.7	4.090	5.026	4.8	20.3
9 8	0 5.87	−11 48.2	4.038	5.015	3.1	20.1
9 18	0 1.01	−12 22.7	4.015	5.004	2.3	20.1
9 28	23 55.98	−12 52.4	4.022	4.994	3.2	20.1
10 8	23 51.16	−13 15.2	4.058	4.983	4.8	20.2
10 18	23 46.89	−13 29.3	4.121	4.972	6.6	20.4
10 28	23 43.49	−13 33.8	4.209	4.962	8.1	20.5

135109 2001 QN_{104} 9 22.5 349.°31 1.°3/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.26	+ 3 33.6	1.702	2.557	14.9	18.9
8 29	0 18.37	+ 3 42.8	1.627	2.553	11.4	18.7
9 8	0 11.34	+ 3 39.7	1.575	2.550	7.3	18.4
9 18	0 2.81	+ 3 26.4	1.548	2.547	2.9	18.2
9 28	23 53.78	+ 3 6.9	1.547	2.545	2.5	18.1
10 8	23 45.34	+ 2 46.4	1.573	2.544	6.8	18.4
10 18	23 38.47	+ 2 29.9	1.625	2.542	11.0	18.7
10 28	23 33.88	+ 2 21.8	1.699	2.542	14.6	18.9

106591 2000 WF_{108} 9 22.5 251.°88 1.°3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.46	− 1 36.0	1.463	2.335	16.0	19.8
8 29	0 21.09	− 1 57.0	1.391	2.329	11.9	19.6
9 8	0 13.16	− 2 28.9	1.340	2.322	7.2	19.3
9 18	0 3.42	− 3 6.5	1.313	2.316	2.3	19.0
9 28	23 53.05	− 3 43.0	1.313	2.309	3.7	19.1
10 8	23 43.39	− 4 11.4	1.339	2.302	8.7	19.3
10 18	23 35.60	− 4 26.5	1.390	2.295	13.4	19.6
10 28	23 30.54	− 4 25.2	1.461	2.288	17.3	19.8

461474 2002 RR_{142} 9 22.5 53.°44 2.°7/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.66	+ 7 9.9	1.145	2.005	20.3	20.9
8 29	0 22.62	+ 7 12.9	1.112	2.037	15.4	20.7
9 8	0 13.87	+ 6 54.1	1.097	2.070	10.0	20.5
9 18	0 3.53	+ 6 17.4	1.105	2.102	4.6	20.3
9 28	23 53.10	+ 5 30.1	1.137	2.135	3.4	20.4
10 8	23 44.05	+ 4 41.3	1.195	2.168	8.0	20.7
10 18	23 37.44	+ 3 59.1	1.276	2.201	12.6	21.1
10 28	23 33.86	+ 3 29.6	1.378	2.234	16.5	21.4

432877 2011 KL_8 9 22.5 109.°77 2.°3/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.99	− 3 5.9	1.852	2.720	13.3	21.3
8 29	0 17.79	− 4 8.1	1.799	2.737	9.7	21.1
9 8	0 10.76	− 5 18.2	1.770	2.752	5.8	20.9
9 18	0 2.57	− 6 29.8	1.767	2.768	2.5	20.7
9 28	23 54.15	− 7 35.7	1.793	2.783	4.1	20.9
10 8	23 46.43	− 8 29.5	1.847	2.797	7.8	21.1
10 18	23 40.20	− 9 7.0	1.926	2.812	11.3	21.4
10 28	23 36.03	− 9 26.2	2.028	2.825	14.2	21.6

292032 2006 QN_{168} 9 22.5 15.°36 3.°3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.81	− 6 45.8	1.668	2.551	13.8	20.2
8 29	0 17.21	− 7 28.8	1.608	2.552	10.2	20.0
9 8	0 10.56	− 8 16.8	1.571	2.555	6.3	19.8
9 18	0 2.54	− 9 3.5	1.559	2.557	3.4	19.6
9 28	23 54.16	− 9 42.0	1.574	2.560	5.1	19.8
10 8	23 46.48	−10 6.5	1.615	2.563	8.9	20.0
10 18	23 40.39	−10 13.9	1.680	2.567	12.6	20.2
10 28	23 36.52	−10 2.8	1.767	2.571	15.7	20.4

243945 2001 QU_{39} 9 22.5 20.°92 5.°3/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.34	− 7 43.5	1.312	2.216	15.3	19.5
8 29	0 13.50	− 9 24.7	1.271	2.226	11.2	19.3
9 8	0 8.40	−11 11.7	1.252	2.237	7.2	19.1
9 18	0 1.87	−12 53.2	1.256	2.249	5.3	19.0
9 28	23 55.02	−14 17.8	1.285	2.262	7.6	19.2
10 8	23 49.02	−15 17.2	1.339	2.276	11.4	19.4
10 18	23 44.79	−15 47.9	1.413	2.291	15.1	19.7
10 28	23 42.96	−15 50.0	1.507	2.307	18.2	19.9

395446 2011 SE_{254} 9 22.5 258.°79 2.°7/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.22	+ 9 38.7	1.963	2.790	14.3	21.3
8 29	0 16.69	+ 9 29.4	1.877	2.783	11.2	21.1
9 8	0 10.26	+ 9 3.1	1.813	2.775	7.7	20.9
9 18	0 2.48	+ 8 21.3	1.774	2.766	4.1	20.6
9 28	23 54.19	+ 7 28.1	1.763	2.758	3.0	20.5
10 8	23 46.36	+ 6 29.4	1.779	2.750	6.1	20.7
10 18	23 39.84	+ 5 31.8	1.822	2.741	9.8	20.9
10 28	23 35.32	+ 4 41.7	1.888	2.733	13.2	21.1

346707 2008 YU_{159} 9 22.5 256.°81 4.°4/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.12	−11 54.8	2.138	3.007	11.7	21.4
8 29	0 20.23	−12 36.2	2.052	2.987	8.9	21.1
9 8	0 12.38	−13 18.5	1.991	2.966	6.0	20.9
9 18	0 3.15	−13 55.6	1.958	2.945	4.4	20.8
9 28	23 53.39	−14 21.9	1.952	2.924	5.9	20.8
10 8	23 44.07	−14 32.7	1.975	2.901	9.0	21.0
10 18	23 36.06	−14 25.7	2.023	2.879	12.1	21.2
10 28	23 30.07	−14 0.8	2.093	2.855	15.0	21.3

348763 2006 HD_{153} 9 22.5 112.°59 1.°7/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.84	− 2 5.2	1.854	2.723	13.3	21.1
8 29	0 17.03	− 2 54.2	1.792	2.730	9.7	20.9
9 8	0 10.36	− 3 52.1	1.754	2.736	5.8	20.7
9 18	0 2.48	− 4 53.4	1.741	2.743	2.1	20.4
9 28	23 54.27	− 5 51.4	1.757	2.749	3.6	20.6
10 8	23 46.69	− 6 39.7	1.800	2.756	7.5	20.8
10 18	23 40.55	− 7 14.0	1.869	2.762	11.2	21.1
10 28	23 36.44	− 7 31.5	1.960	2.768	14.3	21.3

514864 2008 GP_{51} 9 22.5 160.°30 1.°5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.44	− 3 12.6	2.424	3.283	10.9	22.2
8 29	0 16.36	− 3 46.9	2.354	3.287	8.0	22.0
9 8	0 9.80	− 4 27.1	2.310	3.291	4.8	21.8
9 18	0 2.28	− 5 9.1	2.293	3.294	1.8	21.6
9 28	23 54.49	− 5 48.5	2.305	3.297	3.0	21.7
10 8	23 47.17	− 6 20.9	2.347	3.300	6.2	21.9
10 18	23 40.95	− 6 43.0	2.415	3.302	9.2	22.1
10 28	23 36.35	− 6 52.9	2.508	3.304	11.8	22.3

419555 2010 PJ_{62} 9 22.5 74.°16 3.°1/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.51	− 3 9.2	1.235	2.121	17.4	20.3
8 29	0 20.26	− 4 20.8	1.197	2.143	12.6	20.1
9 8	0 12.47	− 5 42.7	1.179	2.165	7.5	19.9
9 18	0 3.13	− 7 5.2	1.186	2.187	3.3	19.7
9 28	23 53.59	− 8 17.7	1.218	2.208	5.4	19.9
10 8	23 45.20	− 9 11.4	1.276	2.230	10.1	20.2
10 18	23 39.00	− 9 42.1	1.356	2.251	14.4	20.5
10 28	23 35.59	− 9 48.7	1.455	2.272	17.9	20.8

293268 2007 CY_{32} 9 22.5 287.°66 0.°1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.12	+ 2 51.8	1.513	2.379	15.9	21.8
8 29	0 17.93	+ 2 23.0	1.428	2.361	12.1	21.6
9 8	0 11.31	+ 1 37.7	1.364	2.344	7.5	21.3
9 18	0 2.89	+ 0 39.8	1.324	2.326	2.5	20.9
9 28	23 53.70	− 0 23.6	1.310	2.308	2.9	20.9
10 8	23 45.02	− 1 24.0	1.322	2.291	8.1	21.2
10 18	23 38.00	− 2 13.7	1.359	2.273	12.9	21.4
10 28	23 33.52	− 2 46.6	1.417	2.256	17.1	21.6

187649 2007 DG_{77} 9 22.5 46.°08 4.°4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.65	− 9 10.6	1.976	2.861	11.8	19.0
8 29	0 13.84	−10 43.3	1.924	2.869	8.7	18.8
9 8	0 8.38	−12 19.2	1.898	2.878	5.7	18.6
9 18	0 1.85	−13 50.5	1.898	2.886	4.4	18.6
9 28	23 55.05	−15 9.5	1.926	2.895	6.2	18.7
10 8	23 48.82	−16 10.1	1.981	2.904	9.1	18.9
10 18	23 43.87	−16 49.1	2.060	2.913	12.0	19.1
10 28	23 40.73	−17 5.7	2.160	2.923	14.5	19.3

493724 2015 TZ_{158} 9 22.5 42.°81 1.°8/24.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.47	+ 9 1.4	1.611	2.458	16.0	21.1
8 29	0 14.65	+ 8 11.3	1.562	2.481	12.2	20.9
9 8	0 8.93	+ 7 1.2	1.535	2.506	7.9	20.7
9 18	0 2.02	+ 5 36.3	1.533	2.530	3.5	20.5
9 28	23 54.90	+ 4 4.3	1.557	2.555	2.4	20.5
10 8	23 48.56	+ 2 34.4	1.608	2.581	6.4	20.8
10 18	23 43.78	+ 1 14.6	1.685	2.607	10.4	21.1
10 28	23 41.10	+ 0 10.7	1.786	2.633	13.8	21.4

424568 2008 FV_{96} 9 22.5 186.°71 2.°8/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.16	− 4 45.8	1.978	2.845	12.6	22.1
8 29	0 18.74	− 5 51.5	1.908	2.845	9.3	21.9
9 8	0 11.42	− 7 4.6	1.863	2.845	5.7	21.7
9 18	0 2.84	− 8 18.8	1.845	2.843	2.9	21.5
9 28	23 53.86	− 9 26.8	1.855	2.841	4.5	21.6
10 8	23 45.45	−10 22.1	1.894	2.838	8.1	21.8
10 18	23 38.43	−11 0.4	1.959	2.834	11.6	22.0
10 28	23 33.44	−11 19.6	2.046	2.829	14.6	22.2

107747 2001 FO_{35} 9 22.5 132.°75 2.°5/24.6 17

8 19	0 26.02	+ 7 54.5	1.607	2.446	16.4	19.8
8 29	0 20.48	+ 7 52.8	1.540	2.453	12.7	19.5
9 8	0 12.65	+ 7 33.2	1.493	2.460	8.5	19.3
9 18	0 3.25	+ 6 57.8	1.471	2.466	4.2	19.1
9 28	23 53.38	+ 6 11.5	1.475	2.472	3.0	19.0
10 8	23 44.25	+ 5 21.3	1.507	2.478	7.0	19.3
10 18	23 36.87	+ 4 34.2	1.564	2.483	11.2	19.5
10 28	23 31.98	+ 3 56.5	1.644	2.488	14.9	19.8

257212 2008 YB_5 9 22.5 89.°50 0.°6/23.1 18

8 19	0 21.89	+ 3 53.2	1.800	2.653	14.3	21.3
8 29	0 17.21	+ 3 29.2	1.730	2.656	10.8	21.1
9 8	0 10.56	+ 2 51.4	1.682	2.658	6.8	20.9
9 18	0 2.58	+ 2 3.4	1.659	2.660	2.4	20.6
9 28	23 54.20	+ 1 10.7	1.664	2.662	2.3	20.6
10 8	23 46.41	+ 0 20.1	1.696	2.665	6.6	20.9
10 18	23 40.09	− 0 22.8	1.755	2.667	10.6	21.1
10 28	23 35.88	− 0 53.2	1.836	2.669	14.0	21.4

301752 2010 JL 9 22.5 87.°91 8.°5/14.3 18

8 19	0 25.54	−22 27.1	1.824	2.700	13.1	19.9
8 29	0 19.80	−23 40.6	1.786	2.709	10.7	19.8
9 8	0 12.03	−24 44.3	1.770	2.718	8.9	19.7
9 18	0 3.00	−25 30.0	1.780	2.728	8.7	19.7
9 28	23 53.76	−25 51.4	1.814	2.737	10.1	19.8
10 8	23 45.39	−25 46.0	1.873	2.746	12.3	20.0
10 18	23 38.73	−25 14.6	1.954	2.755	14.7	20.2
10 28	23 34.35	−24 20.5	2.054	2.764	16.8	20.4

208789 2002 QJ_{38} 9 22.5 22.°39 0.°2/22.3 18

8 19	0 20.88	+ 1 28.3	1.508	2.380	15.6	19.9
8 29	0 16.71	+ 1 3.6	1.448	2.385	11.6	19.7
9 8	0 10.35	+ 0 25.5	1.410	2.391	7.1	19.5
9 18	0 2.52	− 0 21.1	1.395	2.398	2.2	19.2
9 28	23 54.30	− 1 9.6	1.407	2.405	2.8	19.2
10 8	23 46.83	− 1 52.8	1.445	2.413	7.6	19.6
10 18	23 41.04	− 2 24.7	1.507	2.421	11.9	19.8
10 28	23 37.63	− 2 41.4	1.590	2.430	15.5	20.1

411449 2010 WU_{65} 9 22.5 236.°99 5.°7/14.9 18

8 19	0 20.53	−18 23.3	2.574	3.447	9.9	21.0
8 29	0 15.74	−19 28.6	2.510	3.439	7.8	20.8
9 8	0 9.47	−20 30.4	2.472	3.430	6.1	20.7
9 18	0 2.22	−21 22.9	2.460	3.421	5.8	20.7
9 28	23 54.67	−22 0.9	2.477	3.413	7.1	20.8
10 8	23 47.54	−22 20.9	2.519	3.403	9.1	20.9
10 18	23 41.49	−22 21.7	2.586	3.394	11.3	21.0
10 28	23 37.03	−22 3.6	2.674	3.385	13.3	21.2

150226 1998 UP_{40} 9 22.5 266.°76 0.°2/22.6 18

8 19	0 24.67	+ 2 0.9	1.652	2.511	15.1	20.1
8 29	0 19.65	+ 1 44.8	1.566	2.496	11.4	19.9
9 8	0 12.29	+ 1 15.4	1.502	2.481	7.1	19.6
9 18	0 3.21	+ 0 36.1	1.463	2.465	2.3	19.2
9 28	23 53.42	− 0 7.4	1.451	2.449	2.7	19.2
10 8	23 44.14	− 0 48.4	1.466	2.433	7.6	19.5
10 18	23 36.44	− 1 20.6	1.507	2.417	12.2	19.7
10 28	23 31.17	− 1 39.3	1.569	2.401	16.1	20.0

218901 Gerdbuchholz 9 22.5 147.°04 0.°8/23.5 18

8 19	0 20.12	+ 4 52.3	2.515	3.351	11.3	21.2
8 29	0 15.38	+ 4 29.2	2.441	3.356	8.5	21.1
9 8	0 9.22	+ 3 55.4	2.390	3.362	5.4	20.9
9 18	0 2.14	+ 3 13.6	2.367	3.367	2.1	20.7
9 28	23 54.79	+ 2 27.6	2.373	3.372	1.8	20.6
10 8	23 47.85	+ 1 42.1	2.409	3.376	5.0	20.9
10 18	23 41.96	+ 1 1.1	2.472	3.380	8.1	21.1
10 28	23 37.61	+ 0 28.5	2.560	3.384	10.8	21.3

513801 2013 CV_{149} 9 22.5 118.°56 0.°2/22.7 18

8 19	0 23.88	+ 1 31.9	2.465	3.306	11.3	21.9
8 29	0 18.09	+ 1 22.6	2.400	3.321	8.4	21.7
9 8	0 10.83	+ 1 5.4	2.360	3.335	5.2	21.5
9 18	0 2.63	+ 0 42.8	2.347	3.348	1.7	21.3
9 28	23 54.22	+ 0 18.3	2.364	3.361	1.9	21.3
10 8	23 46.32	− 0 4.3	2.410	3.374	5.3	21.6
10 18	23 39.57	− 0 21.7	2.485	3.387	8.4	21.8
10 28	23 34.48	− 0 31.3	2.585	3.399	11.0	22.0

99116 2001 FG_{67} 9 22.5 268.°13 1.°8/20.8 18

	h m	° ′			°	m
8 19	0 21.23	− 1 58.0	1.862	2.731	13.2	19.6
8 29	0 16.80	− 2 46.7	1.780	2.718	9.8	19.4
9 8	0 10.38	− 3 45.7	1.722	2.704	5.9	19.1
9 18	0 2.57	− 4 49.9	1.689	2.691	2.2	18.8
9 28	23 54.24	− 5 52.2	1.684	2.677	3.7	18.9
10 8	23 46.37	− 6 45.7	1.707	2.663	7.8	19.1
10 18	23 39.85	− 7 25.0	1.755	2.649	11.7	19.4
10 28	23 35.41	− 7 46.8	1.825	2.634	15.1	19.5

511215 2014 AM_{22} 9 22.5 262.°94 1.°5/21.1 18

8 19	0 22.90	− 1 28.2	1.726	2.595	14.1	22.0
8 29	0 18.19	− 2 9.0	1.645	2.582	10.5	21.7
9 8	0 11.31	− 3 0.8	1.586	2.569	6.3	21.4
9 18	0 2.88	− 3 58.5	1.553	2.556	2.2	21.1
9 28	23 53.87	− 4 55.1	1.548	2.542	3.6	21.2
10 8	23 45.36	− 5 43.4	1.569	2.528	8.1	21.5
10 18	23 38.36	− 6 17.8	1.616	2.514	12.3	21.7
10 28	23 33.63	− 6 34.6	1.684	2.500	15.9	21.9

394926 2008 WP_{81} 9 22.5 248.°88 2.°3/20.3 18

8 19	0 21.59	− 3 21.7	1.872	2.743	13.0	21.8
8 29	0 17.00	− 4 14.6	1.796	2.735	9.6	21.6
9 8	0 10.47	− 5 16.5	1.744	2.727	5.8	21.3
9 18	0 2.59	− 6 21.6	1.717	2.718	2.5	21.1
9 28	23 54.25	− 7 22.7	1.719	2.709	4.1	21.2
10 8	23 46.41	− 8 13.4	1.748	2.700	8.0	21.4
10 18	23 39.96	− 8 48.5	1.802	2.691	11.8	21.6
10 28	23 35.57	− 9 5.5	1.879	2.681	15.0	21.8

392221 2009 UG_{95} 9 22.5 253.°94 2.°6/17.2 18

8 19	0 14.47	−13 46.2	4.522	5.389	6.1	21.3
8 29	0 10.69	−14 15.1	4.454	5.387	4.5	21.2
9 8	0 6.16	−14 42.9	4.413	5.384	3.2	21.1
9 18	0 1.15	−15 7.4	4.401	5.382	2.6	21.1
9 28	23 56.01	−15 26.3	4.419	5.379	3.4	21.1
10 8	23 51.09	−15 37.8	4.465	5.377	4.8	21.2
10 18	23 46.70	−15 40.7	4.539	5.374	6.3	21.3
10 28	23 43.15	−15 34.4	4.637	5.372	7.7	21.4

483134 2015 OZ_{17} 9 22.5 30.°92 4.°2/18.6 18

8 19	0 21.31	− 8 40.4	1.701	2.586	13.4	21.1
8 29	0 16.82	− 9 38.7	1.645	2.590	9.9	20.9
9 8	0 10.32	−10 40.4	1.613	2.594	6.3	20.7
9 18	0 2.52	−11 38.4	1.605	2.599	4.2	20.6
9 28	23 54.39	−12 25.3	1.625	2.604	5.9	20.7
10 8	23 46.95	−12 55.4	1.670	2.609	9.4	20.9
10 18	23 41.08	−13 5.7	1.740	2.615	12.8	21.1
10 28	23 37.37	−12 55.7	1.830	2.620	15.8	21.4

18198 2056 P–L 9 22.5 161.°55 2.°2/25.4 18

8 19	0 19.03	+10 49.5	2.440	3.253	12.3	19.0
8 29	0 14.66	+10 13.0	2.360	3.257	9.6	18.9
9 8	0 8.83	+ 9 20.7	2.303	3.261	6.5	18.7
9 18	0 2.04	+ 8 15.1	2.273	3.264	3.4	18.5
9 28	23 54.95	+ 7 0.6	2.271	3.267	2.4	18.4
10 8	23 48.28	+ 5 42.9	2.300	3.270	5.0	18.6
10 18	23 42.67	+ 4 28.0	2.356	3.272	8.1	18.8
10 28	23 38.63	+ 3 21.3	2.438	3.274	10.9	19.0

24539 2001 DP_5 9 22.5 248.°52 1.°1/20.2 18

8 19	0 13.91	− 5 39.7	4.666	5.524	6.1	19.6
8 29	0 10.26	− 6 0.9	4.586	5.518	4.4	19.5
9 8	0 5.91	− 6 24.0	4.533	5.513	2.7	19.4
9 18	0 1.09	− 6 47.2	4.508	5.507	1.2	19.2
9 28	23 56.12	− 7 8.4	4.514	5.502	1.9	19.3
10 8	23 51.34	− 7 25.8	4.550	5.496	3.7	19.4
10 18	23 47.05	− 7 37.7	4.615	5.491	5.4	19.6
10 28	23 43.54	− 7 42.9	4.705	5.485	6.9	19.7

43337 2000 RG_9 9 22.5 268.°21 6.°1/17.6 18

8 19	0 26.04	−11 56.9	1.496	2.383	14.9	18.5
8 29	0 20.89	−13 3.2	1.423	2.366	11.3	18.2
9 8	0 13.14	−14 12.2	1.372	2.350	7.8	18.0
9 18	0 3.51	−15 14.5	1.346	2.333	6.1	17.9
9 28	23 53.16	−16 0.6	1.345	2.315	8.1	17.9
10 8	23 43.46	−16 23.3	1.369	2.298	11.9	18.1
10 18	23 35.62	−16 19.6	1.416	2.280	15.9	18.3
10 28	23 30.50	−15 49.9	1.481	2.262	19.3	18.5

298150 2002 SC_{69} 9 22.5 318.°62 0.°5/22.9 16

8 19	0 20.26	+ 3 8.6	1.637	2.500	15.0	21.2
8 29	0 16.34	+ 2 48.7	1.555	2.487	11.4	20.9
9 8	0 10.24	+ 2 14.1	1.495	2.474	7.1	20.7
9 18	0 2.58	+ 1 28.4	1.460	2.462	2.5	20.3
9 28	23 54.31	+ 0 37.4	1.451	2.449	2.5	20.3
10 8	23 46.56	− 0 11.8	1.468	2.438	7.3	20.6
10 18	23 40.32	− 0 52.5	1.510	2.427	11.7	20.8
10 28	23 36.36	− 1 19.5	1.574	2.416	15.6	21.1

354300 2002 TW_{127} 9 22.5 311.°07 4.°7/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.20	+16 9.5	1.727	2.539	16.6	20.1
8 29	0 14.06	+15 46.2	1.635	2.523	13.6	19.9
9 8	0 8.86	+14 56.4	1.562	2.508	10.1	19.6
9 18	0 2.15	+13 40.8	1.513	2.493	6.5	19.4
9 28	23 54.83	+12 3.8	1.489	2.479	4.7	19.2
10 8	23 47.95	+10 13.8	1.492	2.465	6.9	19.3
10 18	23 42.48	+ 8 21.4	1.521	2.451	10.6	19.5
10 28	23 39.20	+ 6 37.0	1.574	2.437	14.4	19.7

354028 2001 QO_{266} 9 22.5 25.°09 10.°3/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.94	+22 44.1	1.348	2.135	21.6	19.9
8 29	0 18.72	+24 3.0	1.296	2.151	18.5	19.8
9 8	0 11.81	+24 50.6	1.261	2.168	15.2	19.6
9 18	0 3.07	+25 3.2	1.245	2.187	12.2	19.5
9 28	23 53.80	+24 41.0	1.251	2.206	10.4	19.5
10 8	23 45.43	+23 50.1	1.279	2.227	10.7	19.5
10 18	23 39.16	+22 40.8	1.330	2.249	12.8	19.7
10 28	23 35.77	+21 24.9	1.402	2.271	15.5	20.0

150658 2001 FN_{39} 9 22.5 110.°49 0.°8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 17.66	+ 2 39.7	2.495	3.344	11.0	19.7
8 29	0 13.55	+ 1 10.1	2.429	3.356	8.1	19.5
9 8	0 8.11	− 0 30.7	2.388	3.367	4.8	19.3
9 18	0 1.82	− 2 17.5	2.376	3.379	1.4	19.1
9 28	23 55.31	− 4 3.5	2.396	3.390	2.5	19.2
10 8	23 49.23	− 5 42.1	2.445	3.401	5.8	19.5
10 18	23 44.16	− 7 7.9	2.524	3.412	8.8	19.7
10 28	23 40.57	− 8 17.1	2.627	3.423	11.4	19.9

346466 2008 TZ_{120} 9 22.5 270.°21 2.°7/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 23.20	− 4 57.4	1.795	2.668	13.4	21.6
8 29	0 18.38	− 5 42.1	1.712	2.652	9.9	21.3
9 8	0 11.43	− 6 34.5	1.653	2.636	6.1	21.1
9 18	0 2.96	− 7 29.0	1.619	2.619	2.9	20.8
9 28	23 53.90	− 8 18.5	1.613	2.602	4.6	20.9
10 8	23 45.32	− 8 56.3	1.634	2.585	8.6	21.1
10 18	23 38.19	− 9 17.9	1.680	2.567	12.5	21.3
10 28	23 33.27	− 9 20.9	1.747	2.550	16.0	21.5

91809 1999 TG_{248} 9 22.5 305.°65 0.°5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 17.43	+ 5 10.2	2.112	2.960	12.7	19.2
8 29	0 13.74	+ 4 23.2	2.030	2.953	9.6	19.0
9 8	0 8.42	+ 3 21.7	1.970	2.945	6.0	18.8
9 18	0 1.97	+ 2 9.4	1.937	2.938	2.2	18.5
9 28	23 55.13	+ 0 52.0	1.933	2.931	2.0	18.5
10 8	23 48.71	− 0 23.6	1.957	2.924	5.9	18.8
10 18	23 43.43	− 1 31.1	2.007	2.918	9.6	19.0
10 28	23 39.88	− 2 25.6	2.082	2.911	12.8	19.2

470718 2008 UZ_{9} 9 22.5 345.°20 0.°2/22.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 13.72	+ 2 38.4	1.070	1.969	18.5	20.9
8 29	0 12.28	+ 2 4.8	1.002	1.952	14.0	20.6
9 8	0 8.15	+ 1 9.4	0.951	1.938	8.6	20.2
9 18	0 2.00	− 0 1.9	0.922	1.925	2.7	19.8
9 28	23 55.08	− 1 19.1	0.915	1.914	3.5	19.9
10 8	23 48.86	− 2 30.0	0.930	1.904	9.6	20.2
10 18	23 44.64	− 3 24.3	0.966	1.897	15.1	20.5
10 28	23 43.36	− 3 55.0	1.021	1.892	19.8	20.7

455643 2004 XV_{97} 9 22.5 300.°00 4.°7/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.32	+15 12.8	2.242	3.035	13.8	21.7
8 29	0 15.96	+15 30.4	2.146	3.021	11.3	21.5
9 8	0 9.84	+15 30.9	2.071	3.008	8.6	21.3
9 18	0 2.45	+15 13.8	2.021	2.994	5.9	21.1
9 28	23 54.54	+14 40.9	1.998	2.980	4.7	21.0
10 8	23 46.95	+13 56.2	2.003	2.967	6.1	21.0
10 18	23 40.50	+13 5.3	2.034	2.954	9.0	21.2
10 28	23 35.84	+12 14.3	2.090	2.941	11.9	21.4

445272 2009 SS_{350} 9 22.5 14.°40 4.°7/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.71	−13 1.3	2.052	2.930	11.8	20.8
8 29	0 17.58	−13 39.0	1.993	2.932	8.9	20.6
9 8	0 10.68	−14 15.6	1.958	2.933	6.1	20.5
9 18	0 2.66	−14 45.3	1.950	2.936	4.7	20.4
9 28	23 54.37	−15 2.8	1.969	2.938	6.1	20.5
10 8	23 46.68	−15 4.7	2.014	2.940	8.8	20.7
10 18	23 40.36	−14 49.5	2.085	2.943	11.7	20.9
10 28	23 35.97	−14 17.6	2.177	2.946	14.3	21.0

445842 2012 DA_{31} 9 22.5 189.°70 5.°1/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.02	−16 37.3	2.566	3.436	10.0	21.3
8 29	0 16.79	−17 30.8	2.505	3.435	7.7	21.1
9 8	0 10.10	−18 21.4	2.470	3.434	5.8	21.0
9 18	0 2.47	−19 3.6	2.463	3.433	5.1	21.0
9 28	23 54.59	−19 32.8	2.483	3.431	6.4	21.0
10 8	23 47.18	−19 45.8	2.531	3.430	8.5	21.2
10 18	23 40.88	−19 41.3	2.604	3.427	10.8	21.3
10 28	23 36.19	−19 19.8	2.699	3.425	12.8	21.5

471258 2011 CE_{63} 9 22.5 262.°33 3.°8/19.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.03	− 5 56.4	1.595	2.476	14.4	22.1
8 29	0 18.48	− 7 4.5	1.518	2.462	10.7	21.8
9 8	0 11.60	− 8 21.5	1.465	2.448	6.6	21.6
9 18	0 3.04	− 9 39.9	1.436	2.433	3.8	21.4
9 28	23 53.85	−10 50.2	1.434	2.418	5.8	21.5
10 8	23 45.23	−11 44.3	1.459	2.403	10.0	21.7
10 18	23 38.23	−12 16.6	1.507	2.388	14.1	21.9
10 28	23 33.67	−12 25.2	1.575	2.372	17.7	22.1

183884 2004 CW_{66} 9 22.5 88.°17 4.°2/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.61	− 8 32.8	1.499	2.380	15.2	19.8
8 29	0 21.59	− 9 17.9	1.453	2.395	11.2	19.6
9 8	0 13.26	−10 5.8	1.429	2.410	7.0	19.4
9 18	0 3.48	−10 49.1	1.430	2.425	4.3	19.3
9 28	23 53.47	−11 20.5	1.458	2.440	6.0	19.4
10 8	23 44.44	−11 34.8	1.511	2.455	9.8	19.7
10 18	23 37.36	−11 29.8	1.589	2.469	13.5	19.9
10 28	23 32.86	−11 5.8	1.687	2.483	16.7	20.2

265275 2004 FP_{48} 9 22.5 241.°00 0.°4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.51	+ 2 28.4	1.693	2.553	14.7	21.5
8 29	0 17.94	+ 1 40.3	1.612	2.543	11.1	21.3
9 8	0 11.20	+ 0 36.6	1.553	2.533	6.8	21.0
9 18	0 2.91	− 0 37.8	1.520	2.523	2.1	20.7
9 28	23 54.04	− 1 55.5	1.514	2.512	2.9	20.7
10 8	23 45.69	− 3 7.8	1.536	2.500	7.7	21.0
10 18	23 38.86	− 4 7.7	1.583	2.489	12.0	21.2
10 28	23 34.32	− 4 50.0	1.652	2.477	15.8	21.4

222391 2001 DT_{98} 9 22.5 197.°13 0.°9/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 17.95	+ 0 11.4	2.912	3.761	9.5	21.3
8 29	0 13.67	− 0 51.0	2.830	3.758	7.0	21.2
9 8	0 8.18	− 2 1.7	2.775	3.754	4.2	21.0
9 18	0 1.88	− 3 16.7	2.748	3.750	1.3	20.8
9 28	23 55.31	− 4 31.3	2.752	3.746	2.3	20.8
10 8	23 49.06	− 5 40.7	2.787	3.741	5.3	21.0
10 18	23 43.65	− 6 40.6	2.849	3.735	8.0	21.2
10 28	23 39.54	− 7 28.1	2.937	3.730	10.4	21.4

71608 2000 DN_{105} 9 22.5 344.°58 2.°7/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 19.41	− 5 55.8	1.974	2.851	12.2	18.4
8 29	0 15.26	− 6 36.0	1.904	2.846	9.0	18.2
9 8	0 9.36	− 7 21.4	1.858	2.841	5.5	18.0
9 18	0 2.28	− 8 7.0	1.838	2.837	2.8	17.8
9 28	23 54.83	− 8 46.7	1.846	2.833	4.3	17.9
10 8	23 47.90	− 9 15.3	1.881	2.830	7.8	18.1
10 18	23 42.24	− 9 29.6	1.941	2.827	11.2	18.3
10 28	23 38.47	− 9 27.6	2.023	2.824	14.1	18.5

412148 2013 GH_{70} 9 22.5 121.°63 2.°4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 18.71	+11 51.5	2.697	3.500	11.5	21.8
8 29	0 14.27	+11 20.4	2.624	3.514	9.0	21.6
9 8	0 8.54	+10 35.0	2.574	3.526	6.3	21.5
9 18	0 1.99	+ 9 37.3	2.551	3.539	3.5	21.3
9 28	23 55.22	+ 8 31.1	2.558	3.551	2.5	21.3
10 8	23 48.86	+ 7 21.3	2.594	3.563	4.6	21.4
10 18	23 43.48	+ 6 13.1	2.659	3.575	7.3	21.6
10 28	23 39.52	+ 5 11.2	2.750	3.586	9.8	21.8

389568 2010 VQ_{149} 9 22.5 248.°94 2.°4/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 13.51	−11 46.2	4.436	5.305	6.1	21.3
8 29	0 10.04	−12 22.6	4.368	5.303	4.5	21.2
9 8	0 5.81	−12 58.8	4.326	5.301	3.1	21.1
9 18	0 1.11	−13 32.6	4.313	5.299	2.4	21.1
9 28	23 56.27	−14 1.3	4.330	5.297	3.2	21.1
10 8	23 51.63	−14 22.9	4.376	5.295	4.7	21.2
10 18	23 47.52	−14 36.0	4.449	5.293	6.3	21.3
10 28	23 44.24	−14 39.8	4.546	5.290	7.7	21.5

423021 2003 SN_{430} 9 22.5 18.°05 0.°8/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 23.43	+ 2 42.7	1.074	1.959	19.5	20.5
8 29	0 19.38	+ 2 42.8	1.021	1.963	14.8	20.2
9 8	0 12.36	+ 2 25.2	0.986	1.968	9.3	20.0
9 18	0 3.30	+ 1 54.0	0.972	1.973	3.3	19.6
9 28	23 53.68	+ 1 16.6	0.981	1.980	3.2	19.7
10 8	23 45.10	+ 0 41.9	1.014	1.988	9.0	20.0
10 18	23 38.86	+ 0 17.4	1.069	1.996	14.3	20.4
10 28	23 35.78	+ 0 8.4	1.142	2.006	18.7	20.7

219305 2000 DM_{105} 9 22.5 181.°17 1.°9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 25.41	− 2 58.9	1.752	2.619	14.0	20.3
8 29	0 19.90	− 3 36.5	1.684	2.620	10.3	20.1
9 8	0 12.28	− 4 22.5	1.638	2.620	6.2	19.8
9 18	0 3.23	− 5 11.7	1.619	2.620	2.3	19.6
9 28	23 53.75	− 5 57.3	1.627	2.620	3.8	19.7
10 8	23 44.92	− 6 33.2	1.663	2.619	8.0	20.0
10 18	23 37.68	− 6 55.0	1.725	2.618	11.9	20.2
10 28	23 32.72	− 7 0.2	1.808	2.616	15.3	20.4

417947 2007 TJ_{16} 9 22.5 346.°04 4.°9/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 10.23	+11 28.2	0.855	1.746	22.7	19.5
8 29	0 10.20	+11 32.6	0.790	1.730	18.2	19.1
9 8	0 7.15	+11 1.3	0.741	1.715	13.0	18.8
9 18	0 1.76	+ 9 54.5	0.708	1.703	7.5	18.4
9 28	23 55.43	+ 8 19.4	0.696	1.693	5.0	18.3
10 8	23 49.89	+ 6 31.0	0.703	1.685	9.5	18.5
10 18	23 46.67	+ 4 46.4	0.729	1.680	15.4	18.8
10 28	23 46.82	+ 3 20.9	0.772	1.677	20.7	19.1

134591 1999 TJ_{104} 9 22.5 6.°96 1.°7/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.78	− 4 4.5	1.009	1.908	19.3	18.2
8 29	0 21.30	− 3 49.7	0.956	1.907	14.4	17.9
9 8	0 13.61	− 3 42.7	0.922	1.909	8.8	17.6
9 18	0 3.71	− 3 38.7	0.909	1.912	2.9	17.3
9 28	23 53.22	− 3 31.4	0.919	1.916	4.4	17.4
10 8	23 43.88	− 3 15.2	0.952	1.922	10.2	17.8
10 18	23 37.09	− 2 46.7	1.006	1.929	15.5	18.1
10 28	23 33.70	− 2 4.4	1.078	1.937	19.9	18.4

261820 2006 CF_{34} 9 22.6 204.°06 0.°3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.05	+ 3 29.9	2.725	3.564	10.4	21.5
8 29	0 14.58	+ 2 58.2	2.641	3.560	7.8	21.3
9 8	0 8.78	+ 2 16.9	2.582	3.556	4.9	21.1
9 18	0 2.09	+ 1 28.7	2.551	3.552	1.7	20.9
9 28	23 55.11	+ 0 37.5	2.549	3.547	1.7	20.9
10 8	23 48.47	− 0 12.2	2.577	3.543	4.9	21.1
10 18	23 42.75	− 0 56.3	2.634	3.537	7.9	21.3
10 28	23 38.43	− 1 31.5	2.715	3.532	10.5	21.5

86561 2000 EM_{25} 9 22.6 63.°26 0.°3/22.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.90	+ 0 49.5	1.383	2.252	16.9	20.2
8 29	0 21.18	+ 0 33.8	1.337	2.272	12.6	20.0
9 8	0 13.06	+ 0 5.5	1.312	2.293	7.6	19.7
9 18	0 3.45	− 0 30.4	1.312	2.314	2.3	19.5
9 28	23 53.60	− 1 7.2	1.338	2.336	3.0	19.6
10 8	23 44.80	− 1 38.2	1.390	2.357	7.9	19.9
10 18	23 38.03	− 1 58.1	1.466	2.378	12.3	20.2
10 28	23 33.92	− 2 3.8	1.563	2.399	15.9	20.5

113342 2002 RS_{222} 9 22.6 83.°60 2.°3/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.38	− 4 23.1	1.824	2.696	13.3	19.8
8 29	0 18.23	− 4 59.1	1.765	2.703	9.8	19.6
9 8	0 11.17	− 5 41.5	1.728	2.711	5.9	19.4
9 18	0 2.86	− 6 24.9	1.718	2.718	2.5	19.2
9 28	23 54.25	− 7 3.3	1.735	2.726	4.0	19.3
10 8	23 46.30	− 7 31.4	1.780	2.733	7.8	19.6
10 18	23 39.85	− 7 45.5	1.850	2.741	11.4	19.8
10 28	23 35.52	− 7 44.0	1.942	2.748	14.4	20.1

477541 2010 FG_{14} 9 22.6 76.°62 0.°7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.55	+ 2 42.5	1.746	2.609	14.2	21.0
8 29	0 15.48	+ 1 33.3	1.686	2.619	10.5	20.8
9 8	0 9.53	+ 0 9.4	1.648	2.629	6.3	20.6
9 18	0 2.35	− 1 23.0	1.636	2.638	1.9	20.3
9 28	23 54.86	− 2 55.6	1.652	2.648	2.9	20.4
10 8	23 48.00	− 4 19.8	1.696	2.658	7.2	20.7
10 18	23 42.60	− 5 29.1	1.765	2.668	11.1	21.0
10 28	23 39.24	− 6 19.2	1.857	2.678	14.4	21.2

375260 2008 GC_{116} 9 22.6 223.°66 3.°3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.70	− 5 7.7	1.682	2.558	14.0	21.6
8 29	0 18.80	− 6 11.4	1.611	2.552	10.3	21.3
9 8	0 11.70	− 7 23.7	1.563	2.546	6.4	21.1
9 18	0 3.09	− 8 37.3	1.541	2.539	3.3	20.9
9 28	23 53.97	− 9 43.8	1.546	2.532	5.2	21.0
10 8	23 45.45	−10 35.7	1.578	2.524	9.2	21.2
10 18	23 38.52	−11 8.1	1.634	2.516	13.1	21.4
10 28	23 33.91	−11 19.0	1.711	2.508	16.5	21.6

438729 2008 SH_{305} 9 22.6 113.°10 0.°1/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.14	+ 3 54.5	1.800	2.654	14.3	21.2
8 29	0 16.64	+ 3 3.2	1.734	2.662	10.7	21.0
9 8	0 10.25	+ 1 56.9	1.692	2.670	6.6	20.8
9 18	0 2.60	+ 0 40.8	1.675	2.677	2.1	20.5
9 28	23 54.60	− 0 38.2	1.687	2.685	2.4	20.5
10 8	23 47.23	− 1 52.2	1.726	2.692	6.8	20.8
10 18	23 41.31	− 2 54.7	1.791	2.699	10.7	21.1
10 28	23 37.46	− 3 41.1	1.879	2.706	14.0	21.3

120136 2003 GY_{12} 9 22.6 113.°08 1.°2/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.96	− 1 39.1	2.189	3.050	11.8	20.4
8 29	0 16.20	− 2 16.5	2.123	3.056	8.7	20.3
9 8	0 9.84	− 3 1.5	2.082	3.063	5.2	20.1
9 18	0 2.45	− 3 49.9	2.067	3.069	1.7	19.8
9 28	23 54.78	− 4 36.4	2.082	3.076	2.9	19.9
10 8	23 47.63	− 5 16.1	2.124	3.082	6.4	20.2
10 18	23 41.68	− 5 45.1	2.194	3.088	9.7	20.4
10 28	23 37.47	− 6 0.9	2.287	3.094	12.5	20.6

283066 2008 RC_{41} 9 22.6 211.°99 0.°1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.34	+ 3 19.4	1.734	2.592	14.5	21.2
8 29	0 16.95	+ 2 35.9	1.661	2.591	10.9	21.0
9 8	0 10.53	+ 1 37.2	1.611	2.590	6.7	20.7
9 18	0 2.71	+ 0 28.1	1.586	2.588	2.2	20.4
9 28	23 54.45	− 0 44.5	1.588	2.586	2.6	20.4
10 8	23 46.76	− 1 52.7	1.618	2.585	7.1	20.7
10 18	23 40.56	− 2 49.8	1.674	2.583	11.2	21.0
10 28	23 36.53	− 3 30.8	1.752	2.581	14.8	21.2

143107 2002 XU_{23} 9 22.6 259.°41 6.°4/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.71	+20 6.0	2.192	2.954	15.0	20.4
8 29	0 17.87	+20 35.5	2.095	2.942	12.7	20.2
9 8	0 11.11	+20 45.0	2.019	2.930	10.1	20.0
9 18	0 2.93	+20 32.7	1.965	2.917	7.7	19.8
9 28	23 54.14	+19 59.5	1.938	2.904	6.4	19.7
10 8	23 45.69	+19 8.9	1.938	2.891	7.3	19.8
10 18	23 38.46	+18 7.0	1.964	2.878	9.6	19.9
10 28	23 33.19	+17 1.3	2.015	2.864	12.3	20.0

385835 2006 HP_{71} 9 22.6 133.°61 4.°2/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.61	− 8 51.0	1.832	2.711	12.9	20.5
8 29	0 17.71	− 9 53.5	1.773	2.715	9.5	20.3
9 8	0 10.89	−10 59.4	1.737	2.718	6.1	20.1
9 18	0 2.81	−12 1.8	1.729	2.721	4.2	20.0
9 28	23 54.38	−12 53.2	1.747	2.724	5.8	20.2
10 8	23 46.60	−13 28.2	1.792	2.727	9.1	20.4
10 18	23 40.30	−13 43.8	1.862	2.730	12.4	20.6
10 28	23 36.10	−13 39.2	1.952	2.732	15.3	20.8

65257 2002 FU_{36} 9 22.6 255.°91 1.°8/26.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.47	+12 8.3	4.464	5.255	7.5	18.9
8 29	0 9.32	+11 43.1	4.370	5.251	5.9	18.8
9 8	0 5.42	+11 9.0	4.302	5.248	4.2	18.6
9 18	0 1.03	+10 27.2	4.260	5.244	2.5	18.5
9 28	23 56.48	+ 9 39.5	4.249	5.240	1.8	18.5
10 8	23 52.13	+ 8 48.7	4.268	5.237	3.0	18.6
10 18	23 48.27	+ 7 57.4	4.317	5.233	4.7	18.7
10 28	23 45.22	+ 7 8.5	4.393	5.229	6.4	18.8

111863 2002 EW_{86} 9 22.6 131.°24 2.°3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.14	− 3 49.3	1.507	2.379	15.6	19.6
8 29	0 22.15	− 4 20.0	1.448	2.386	11.5	19.4
9 8	0 13.74	− 4 58.6	1.411	2.393	7.0	19.2
9 18	0 3.73	− 5 39.2	1.399	2.400	2.7	18.9
9 28	23 53.33	− 6 14.8	1.414	2.406	4.3	19.0
10 8	23 43.79	− 6 39.0	1.456	2.413	8.8	19.3
10 18	23 36.17	− 6 48.0	1.522	2.418	13.0	19.6
10 28	23 31.19	− 6 39.9	1.609	2.424	16.6	19.8

32315 Clarezhu 9 22.6 90.°70 0.°2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.35	+ 3 1.9	2.037	2.889	12.9	19.2
8 29	0 15.91	+ 2 29.5	1.966	2.892	9.7	19.0
9 8	0 9.75	+ 1 45.1	1.918	2.895	6.0	18.8
9 18	0 2.45	+ 0 52.5	1.896	2.898	2.0	18.5
9 28	23 54.81	− 0 3.1	1.902	2.900	2.2	18.6
10 8	23 47.68	− 0 55.7	1.937	2.903	6.1	18.8
10 18	23 41.81	− 1 40.0	1.997	2.906	9.8	19.1
10 28	23 37.79	− 2 12.1	2.082	2.908	12.9	19.3

260414 2004 XC_{32} 9 22.6 315.°84 3.°2/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.87	− 7 23.5	2.035	2.913	11.9	20.1
8 29	0 15.63	− 8 8.8	1.960	2.902	8.8	19.9
9 8	0 9.64	− 8 58.6	1.909	2.891	5.5	19.7
9 18	0 2.43	− 9 47.3	1.885	2.881	3.2	19.5
9 28	23 54.82	−10 29.0	1.888	2.871	4.8	19.6
10 8	23 47.67	−10 58.5	1.918	2.861	8.1	19.8
10 18	23 41.77	−11 12.3	1.973	2.851	11.4	20.0
10 28	23 37.73	−11 9.0	2.050	2.842	14.3	20.1

407600 2011 BV_{27} 9 22.6 303.°26 3.°7/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.79	− 7 1.2	2.121	3.002	11.3	21.0
8 29	0 13.36	− 8 29.8	2.039	2.983	8.4	20.8
9 8	0 8.28	−10 5.8	1.982	2.964	5.3	20.6
9 18	0 2.02	−11 42.3	1.952	2.945	3.7	20.4
9 28	23 55.30	−13 11.3	1.951	2.926	5.5	20.5
10 8	23 48.94	−14 25.7	1.977	2.908	8.7	20.7
10 18	23 43.69	−15 20.7	2.028	2.889	11.9	20.9
10 28	23 40.18	−15 53.7	2.100	2.871	14.7	21.0

523231 2016 YF_{12} 9 22.6 221.°48 4.°8/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.67	−16 2.1	2.679	3.547	9.7	21.9
8 29	0 17.28	−16 48.8	2.610	3.539	7.4	21.8
9 8	0 10.45	−17 33.0	2.566	3.531	5.5	21.6
9 18	0 2.66	−18 9.8	2.550	3.523	4.8	21.6
9 28	23 54.58	−18 34.8	2.562	3.514	6.0	21.6
10 8	23 46.92	−18 44.8	2.603	3.506	8.1	21.8
10 18	23 40.32	−18 38.4	2.669	3.496	10.4	21.9
10 28	23 35.28	−18 15.9	2.757	3.487	12.5	22.1

7537 Solvay 9 22.6 331.°33 1.°0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.98	− 0 50.7	1.886	2.756	13.0	17.6
8 29	0 15.10	− 1 22.0	1.808	2.745	9.7	17.4
9 8	0 9.38	− 2 3.2	1.753	2.735	5.8	17.2
9 18	0 2.37	− 2 49.9	1.723	2.725	1.9	16.9
9 28	23 54.90	− 3 36.5	1.720	2.716	3.0	17.0
10 8	23 47.90	− 4 16.8	1.745	2.707	7.1	17.2
10 18	23 42.20	− 4 46.0	1.795	2.699	10.9	17.4
10 28	23 38.45	− 5 0.7	1.867	2.691	14.2	17.6

53721 2000 EO_{24} 9 22.6 189.°04 0.°1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.84	+ 3 3.8	1.842	2.693	14.1	20.4
8 29	0 18.71	+ 2 28.3	1.767	2.693	10.6	20.2
9 8	0 11.57	+ 1 39.0	1.715	2.692	6.6	19.9
9 18	0 3.06	+ 0 40.2	1.689	2.691	2.1	19.6
9 28	23 54.10	− 0 22.0	1.691	2.689	2.4	19.7
10 8	23 45.70	− 1 20.7	1.721	2.686	6.8	19.9
10 18	23 38.76	− 2 9.8	1.777	2.683	10.9	20.2
10 28	23 33.97	− 2 44.8	1.856	2.680	14.3	20.4

513989 2014 HV_{31} 9 22.6 157.°94 2.°4/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.31	− 4 11.8	1.970	2.841	12.5	22.0
8 29	0 16.66	− 5 3.6	1.903	2.842	9.2	21.8
9 8	0 10.23	− 6 2.4	1.861	2.844	5.5	21.6
9 18	0 2.61	− 7 2.7	1.845	2.845	2.5	21.4
9 28	23 54.65	− 7 58.1	1.857	2.846	4.1	21.5
10 8	23 47.24	− 8 42.5	1.897	2.847	7.6	21.7
10 18	23 41.16	− 9 12.0	1.962	2.848	11.1	21.9
10 28	23 37.01	− 9 24.5	2.050	2.849	14.1	22.1

191357 2003 QE_{79} 9 22.6 358.°79 0.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.53	− 2 33.3	1.078	1.966	19.2	18.3
8 29	0 23.40	− 1 21.3	1.016	1.960	14.6	18.0
9 8	0 14.99	− 0 13.8	0.973	1.956	9.1	17.7
9 18	0 4.24	+ 0 49.5	0.952	1.954	3.1	17.4
9 28	23 52.71	+ 1 49.6	0.955	1.954	3.3	17.4
10 8	23 42.21	+ 2 47.9	0.982	1.956	9.3	17.7
10 18	23 34.22	+ 3 46.4	1.032	1.960	14.6	18.0
10 28	23 29.71	+ 4 47.3	1.101	1.966	19.1	18.3

506055 2015 KT_{152} 9 22.6 64.°14 0.°2/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.15	+ 1 15.5	1.620	2.479	15.3	20.8
8 29	0 20.56	+ 1 14.2	1.556	2.486	11.5	20.5
9 8	0 12.74	+ 1 1.7	1.514	2.492	7.1	20.3
9 18	0 3.43	+ 0 41.3	1.497	2.499	2.3	20.0
9 28	23 53.70	+ 0 18.0	1.507	2.505	2.6	20.1
10 8	23 44.72	− 0 2.8	1.544	2.512	7.2	20.4
10 18	23 37.47	− 0 16.2	1.607	2.519	11.4	20.6
10 28	23 32.65	− 0 18.8	1.692	2.526	15.0	20.9

103122 1999 XA_{189} 9 22.6 269.°85 6.°0/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.16	+17 19.4	2.045	2.827	15.4	20.2
8 29	0 19.14	+17 49.8	1.942	2.806	12.9	19.9
9 8	0 12.01	+18 0.9	1.860	2.786	10.0	19.7
9 18	0 3.27	+17 51.0	1.801	2.765	7.3	19.5
9 28	23 53.77	+17 20.7	1.768	2.743	6.0	19.4
10 8	23 44.56	+16 33.9	1.762	2.722	7.3	19.4
10 18	23 36.61	+15 36.7	1.783	2.700	10.2	19.6
10 28	23 30.78	+14 37.0	1.829	2.678	13.4	19.7

222156 1999 XD_{261} 9 22.6 2.°82 3.°9/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.86	+13 5.3	1.943	2.759	14.8	19.7
8 29	0 14.99	+13 4.3	1.865	2.759	11.9	19.5
9 8	0 9.29	+12 44.2	1.808	2.759	8.6	19.3
9 18	0 2.34	+12 5.9	1.776	2.759	5.3	19.1
9 28	23 54.97	+11 13.1	1.769	2.760	3.9	19.0
10 8	23 48.08	+10 11.6	1.790	2.761	6.1	19.1
10 18	23 42.50	+ 9 8.3	1.838	2.763	9.4	19.4
10 28	23 38.86	+ 8 10.0	1.909	2.765	12.6	19.6

116646 2004 CN_{13} 9 22.6 197.°05 1.°0/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.10	+ 0 16.2	1.827	2.686	13.9	20.6
8 29	0 18.93	− 0 30.7	1.752	2.684	10.3	20.4
9 8	0 11.73	− 1 29.5	1.701	2.681	6.2	20.2
9 18	0 3.12	− 2 35.2	1.676	2.678	1.9	19.9
9 28	23 54.06	− 3 40.8	1.679	2.674	3.1	20.0
10 8	23 45.56	− 4 39.2	1.710	2.670	7.4	20.2
10 18	23 38.53	− 5 24.8	1.767	2.664	11.4	20.5
10 28	23 33.67	− 5 53.6	1.846	2.659	14.8	20.7

11629 1996 VY_{29} 9 22.6 26.°49 0.°3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.79	+ 4 3.5	1.055	1.942	19.6	17.2
8 29	0 16.62	+ 3 24.7	1.007	1.951	14.7	17.0
9 8	0 10.65	+ 2 24.0	0.977	1.960	9.1	16.7
9 18	0 2.81	+ 1 8.2	0.969	1.971	3.0	16.4
9 28	23 54.52	− 0 11.8	0.984	1.983	3.2	16.5
10 8	23 47.27	− 1 24.1	1.022	1.995	9.1	16.9
10 18	23 42.24	− 2 19.7	1.082	2.009	14.3	17.2
10 28	23 40.17	− 2 52.8	1.161	2.023	18.6	17.5

90007 2002 TE_{179} 9 22.6 253.°33 8.°9/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.05	+34 38.9	2.781	3.412	14.8	20.3
8 29	0 18.02	+34 58.3	2.661	3.387	13.4	20.2
9 8	0 11.18	+34 54.1	2.558	3.363	11.9	20.0
9 18	0 2.98	+34 23.2	2.476	3.337	10.3	19.8
9 28	23 54.18	+33 24.2	2.417	3.311	9.2	19.7
10 8	23 45.64	+31 59.4	2.385	3.283	8.9	19.7
10 18	23 38.20	+30 14.0	2.378	3.256	9.7	19.7
10 28	23 32.54	+28 15.9	2.398	3.227	11.3	19.7

476118 2007 TU_{198} 9 22.6 101.°25 2.°1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.99	− 4 58.7	1.853	2.720	13.3	20.7
8 29	0 20.19	− 5 17.2	1.789	2.726	9.8	20.5
9 8	0 12.40	− 5 40.8	1.749	2.731	6.0	20.3
9 18	0 3.32	− 6 4.9	1.735	2.736	2.4	20.1
9 28	23 53.89	− 6 24.5	1.750	2.741	3.8	20.2
10 8	23 45.15	− 6 35.1	1.791	2.746	7.6	20.4
10 18	23 37.95	− 6 33.6	1.859	2.751	11.3	20.6
10 28	23 32.92	− 6 18.8	1.949	2.756	14.4	20.9

480190 2015 FF_{337} 9 22.6 349.°70 5.°8/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.87	+18 43.4	1.289	2.116	20.3	20.0
8 29	0 11.36	+18 7.3	1.212	2.108	16.8	19.7
9 8	0 7.47	+16 53.8	1.153	2.100	12.6	19.5
9 18	0 1.84	+15 3.3	1.114	2.094	8.3	19.2
9 28	23 55.59	+12 43.2	1.099	2.089	5.8	19.1
10 8	23 49.99	+10 6.9	1.108	2.085	7.9	19.2
10 18	23 46.15	+ 7 30.9	1.142	2.083	12.2	19.4
10 28	23 44.88	+ 5 10.4	1.198	2.082	16.5	19.7

6594 Tasman 9 22.6 29.°59 1.°5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.72	+ 7 59.5	1.523	2.378	16.3	16.3
8 29	0 14.40	+ 7 11.4	1.463	2.388	12.5	16.1
9 8	0 9.01	+ 6 2.4	1.424	2.398	8.1	15.8
9 18	0 2.26	+ 4 37.3	1.410	2.409	3.4	15.6
9 28	23 55.15	+ 3 4.3	1.421	2.420	2.5	15.6
10 8	23 48.75	+ 1 33.2	1.459	2.432	6.9	15.9
10 18	23 43.93	+ 0 12.7	1.522	2.444	11.2	16.1
10 28	23 41.34	− 0 50.6	1.607	2.457	14.9	16.4

126519 2002 CO_{78} 9 22.6 63.°42 3.°0/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.24	− 4 11.1	1.500	2.381	15.1	19.0
8 29	0 18.31	− 5 17.2	1.460	2.404	11.0	18.8
9 8	0 11.27	− 6 30.8	1.443	2.427	6.6	18.6
9 18	0 2.94	− 7 43.9	1.451	2.450	3.2	18.5
9 28	23 54.43	− 8 47.9	1.485	2.473	5.0	18.6
10 8	23 46.85	− 9 35.8	1.546	2.496	9.0	18.9
10 18	23 41.05	−10 4.0	1.630	2.520	12.7	19.2
10 28	23 37.61	−10 11.3	1.736	2.543	15.9	19.5

480691 2015 PP_{94} 9 22.6 151.°52 1.°9/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.45	+ 7 18.7	1.996	2.830	13.9	21.8
8 29	0 17.54	+ 7 6.4	1.921	2.832	10.7	21.6
9 8	0 10.81	+ 6 39.3	1.868	2.835	7.1	21.3
9 18	0 2.84	+ 5 59.8	1.841	2.837	3.3	21.1
9 28	23 54.46	+ 5 12.0	1.842	2.840	2.4	21.1
10 8	23 46.62	+ 4 21.9	1.871	2.842	5.9	21.3
10 18	23 40.11	+ 3 35.2	1.927	2.844	9.6	21.5
10 28	23 35.56	+ 2 57.0	2.007	2.845	12.8	21.7

355041 2006 RR_{110} 9 22.6 79.°75 0.°3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.56	+ 3 32.9	1.921	2.774	13.5	21.3
8 29	0 16.14	+ 2 56.5	1.854	2.780	10.2	21.1
9 8	0 9.94	+ 2 7.1	1.810	2.787	6.3	20.9
9 18	0 2.55	+ 1 8.6	1.791	2.793	2.1	20.6
9 28	23 54.83	+ 0 6.9	1.801	2.799	2.2	20.7
10 8	23 47.67	− 0 51.5	1.838	2.805	6.3	20.9
10 18	23 41.86	− 1 40.8	1.902	2.811	10.1	21.2
10 28	23 37.99	− 2 16.8	1.989	2.818	13.3	21.4

262543 2006 VJ_{8} 9 22.6 263.°68 1.°5/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.80	− 1 6.3	1.602	2.473	14.9	20.9
8 29	0 19.10	− 1 47.7	1.521	2.459	11.1	20.7
9 8	0 12.05	− 2 41.6	1.462	2.444	6.8	20.4
9 18	0 3.30	− 3 42.4	1.428	2.430	2.3	20.1
9 28	23 53.89	− 4 42.5	1.420	2.415	3.8	20.1
10 8	23 45.00	− 5 34.1	1.440	2.400	8.5	20.4
10 18	23 37.73	− 6 10.8	1.484	2.385	13.0	20.6
10 28	23 32.91	− 6 28.7	1.549	2.369	16.8	20.8

244240 2002 CH_{103} 9 22.6 255.°90 1.°7/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.39	− 3 0.3	2.294	3.157	11.3	20.6
8 29	0 15.87	− 3 42.3	2.211	3.145	8.3	20.4
9 8	0 9.74	− 4 31.6	2.152	3.134	5.0	20.2
9 18	0 2.50	− 5 23.9	2.121	3.122	2.0	19.9
9 28	23 54.87	− 6 13.9	2.119	3.110	3.2	20.0
10 8	23 47.62	− 6 56.3	2.145	3.098	6.7	20.2
10 18	23 41.47	− 7 27.3	2.197	3.085	9.9	20.4
10 28	23 37.00	− 7 44.1	2.273	3.073	12.8	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
22904	1999 TL_{19}		9 22.6	44.°56	0.°4/22.2	18 R
	h m	° ′			°	m
8 19	0 20.36	+ 2 36.0	1.581	2.448	15.2	18.4
8 29	0 16.30	+ 1 47.5	1.520	2.455	11.4	18.2
9 8	0 10.17	+ 0 44.0	1.481	2.462	6.9	17.9
9 18	0 2.65	− 0 29.1	1.467	2.469	2.1	17.6
9 28	23 54.75	− 1 43.8	1.479	2.477	2.8	17.7
10 8	23 47.55	− 2 51.7	1.518	2.485	7.5	18.0
10 18	23 41.94	− 3 46.2	1.582	2.492	11.7	18.3
10 28	23 38.59	− 4 22.9	1.668	2.501	15.2	18.5
192386	1996 RE_{14}		9 22.6	281.°00	0.°1/22.3	18
8 19	0 12.82	+ 1 7.0	4.384	5.226	6.7	20.6
8 29	0 9.58	+ 0 38.6	4.301	5.224	5.0	20.5
9 8	0 5.60	+ 0 5.2	4.244	5.221	3.0	20.3
9 18	0 1.14	− 0 31.3	4.216	5.218	0.9	20.2
9 28	23 56.52	− 1 8.5	4.218	5.215	1.2	20.2
10 8	23 52.09	− 1 44.1	4.250	5.212	3.3	20.4
10 18	23 48.17	− 2 15.8	4.311	5.209	5.2	20.5
10 28	23 45.05	− 2 41.7	4.399	5.207	6.9	20.6
262303	2006 TE_3		9 22.6	163.°32	4.°7/18.3	18
8 19	0 23.99	− 8 0.3	1.535	2.420	14.7	20.5
8 29	0 19.11	− 9 19.2	1.477	2.422	10.8	20.2
9 8	0 11.93	−10 43.8	1.442	2.424	6.9	20.0
9 18	0 3.22	−12 5.2	1.432	2.425	4.7	19.9
9 28	23 54.08	−13 13.8	1.449	2.427	6.7	20.0
10 8	23 45.70	−14 2.0	1.492	2.428	10.5	20.3
10 18	23 39.08	−14 26.1	1.557	2.429	14.2	20.5
10 28	23 34.93	−14 25.6	1.643	2.430	17.5	20.7
327171	2005 JN_{85}		9 22.6	42.°00	1.°2/23.5	13 C
8 19	0 21.64	+ 5 54.5	1.174	2.047	19.0	20.9
8 29	0 17.74	+ 5 21.4	1.126	2.061	14.4	20.6
9 8	0 11.22	+ 4 26.5	1.098	2.076	9.1	20.4
9 18	0 2.99	+ 3 15.4	1.091	2.092	3.5	20.1
9 28	23 54.40	+ 1 57.5	1.109	2.108	2.9	20.1
10 8	23 46.83	+ 0 43.8	1.152	2.125	8.2	20.5
10 18	23 41.37	− 0 16.8	1.217	2.143	13.1	20.8
10 28	23 38.71	− 0 58.2	1.303	2.160	17.2	21.2
399423	2001 XA_{31}		9 22.6	275.°86	18.°6/ 5.6	17
8 19	0 30.00	+35 0.1	1.306	2.008	26.0	20.8
8 29	0 25.47	+37 26.9	1.227	1.995	24.2	20.6
9 8	0 17.03	+39 21.9	1.160	1.982	22.2	20.4
9 18	0 5.20	+40 32.6	1.109	1.969	20.3	20.2
9 28	23 51.43	+40 48.7	1.074	1.955	18.9	20.1
10 8	23 37.94	+40 8.1	1.056	1.941	18.6	20.0
10 18	23 26.96	+38 38.1	1.057	1.928	19.5	20.0
10 28	23 20.19	+36 34.5	1.075	1.914	21.4	20.1
161326	2003 QC_{60}		9 22.6	44.°75	2.°8/19.7	18
8 19	0 19.86	− 3 8.8	1.604	2.485	14.3	19.8
8 29	0 15.91	− 4 24.9	1.546	2.490	10.5	19.6
9 8	0 9.92	− 5 51.3	1.511	2.496	6.3	19.4
9 18	0 2.57	− 7 20.1	1.501	2.501	3.0	19.2
9 28	23 54.85	− 8 42.0	1.519	2.507	4.9	19.3
10 8	23 47.82	− 9 49.0	1.562	2.513	8.9	19.6
10 18	23 42.36	−10 35.7	1.630	2.519	12.7	19.8
10 28	23 39.10	−10 59.8	1.719	2.526	16.0	20.1
474501	2003 UN_{53}		9 22.6	16.°92	4.°9/24.9	18
8 19	0 29.01	+ 6 3.9	1.090	1.957	20.6	19.1
8 29	0 23.55	+ 7 35.6	1.041	1.967	16.2	18.8
9 8	0 14.95	+ 8 50.9	1.010	1.979	11.2	18.6
9 18	0 4.22	+ 9 47.0	1.000	1.992	6.4	18.4
9 28	23 52.95	+10 24.0	1.014	2.008	5.2	18.4
10 8	23 42.85	+10 45.9	1.052	2.025	9.0	18.6
10 18	23 35.28	+10 58.7	1.113	2.043	13.5	19.0
10 28	23 31.09	+11 9.6	1.193	2.063	17.6	19.3
291336	2006 BE_{215}		9 22.6	230.°33	3.°3/18.2	18
8 19	0 18.95	− 8 29.6	2.487	3.360	10.2	20.9
8 29	0 14.66	− 9 33.8	2.415	3.353	7.5	20.7
9 8	0 8.93	−10 41.4	2.368	3.347	4.8	20.5
9 18	0 2.24	−11 47.2	2.349	3.341	3.3	20.4
9 28	23 55.24	−12 45.5	2.359	3.334	4.7	20.5
10 8	23 48.62	−13 31.5	2.397	3.327	7.4	20.6
10 18	23 43.01	−14 2.2	2.461	3.320	10.1	20.8
10 28	23 38.94	−14 16.1	2.548	3.313	12.5	21.0
118520	2000 EU_{11}		9 22.6	221.°05	2.°0/19.3	17
8 19	0 17.41	− 7 54.7	3.566	4.428	7.7	19.8
8 29	0 13.11	− 8 26.7	3.488	4.422	5.6	19.7
9 8	0 7.81	− 9 0.5	3.437	4.416	3.5	19.5
9 18	0 1.86	− 9 33.2	3.414	4.409	2.1	19.4
9 28	23 55.70	−10 1.8	3.422	4.403	3.0	19.5
10 8	23 49.81	−10 23.6	3.459	4.396	5.1	19.6
10 18	23 44.60	−10 36.7	3.523	4.389	7.2	19.8
10 28	23 40.47	−10 39.8	3.613	4.382	9.1	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
260363	2004 TR_{360}		9 22.6	296.°12	0.°6/21.9	18
	h m	° ′			°	m
8 19	0 19.18	+ 0 46.7	2.132	2.991	12.2	21.3
8 29	0 15.15	+ 0 11.3	2.041	2.972	9.1	21.0
9 8	0 9.41	− 0 34.9	1.973	2.953	5.6	20.8
9 18	0 2.44	− 1 28.2	1.932	2.935	1.7	20.5
9 28	23 54.98	− 2 23.3	1.919	2.916	2.5	20.5
10 8	23 47.87	− 3 14.3	1.935	2.898	6.5	20.7
10 18	23 41.89	− 3 56.0	1.976	2.879	10.1	20.9
10 28	23 37.68	− 4 24.5	2.041	2.861	13.3	21.1
349718	2008 YF_{37}		9 22.6	38.°23	8.°4/13.3	18
8 19	0 20.82	−19 5.7	1.695	2.585	13.3	19.9
8 29	0 16.62	−20 56.5	1.653	2.588	10.6	19.7
9 8	0 10.34	−22 41.4	1.633	2.591	8.7	19.6
9 18	0 2.71	−24 10.3	1.639	2.595	8.6	19.6
9 28	23 54.73	−25 14.2	1.670	2.598	10.4	19.7
10 8	23 47.47	−25 48.3	1.724	2.602	12.9	19.9
10 18	23 41.83	−25 52.1	1.800	2.606	15.5	20.1
10 28	23 38.43	−25 27.8	1.893	2.610	17.8	20.3
315951	2008 TL_{144}		9 22.6	301.°36	0.°3/22.0	18
8 19	0 13.20	+ 0 2.0	4.326	5.171	6.7	21.6
8 29	0 9.87	− 0 22.2	4.240	5.165	5.0	21.4
9 8	0 5.79	− 0 50.9	4.181	5.159	3.0	21.3
9 18	0 1.21	− 1 22.3	4.151	5.153	0.9	21.1
9 28	23 56.46	− 1 54.0	4.151	5.147	1.3	21.1
10 8	23 51.91	− 2 23.9	4.180	5.141	3.4	21.3
10 18	23 47.86	− 2 49.7	4.239	5.135	5.4	21.4
10 28	23 44.64	− 3 9.7	4.324	5.129	7.1	21.6
226367	2003 HW_{58}		9 22.6	297.°48	2.°1/27.1	18
8 19	0 12.90	+13 31.0	4.349	5.132	7.8	20.2
8 29	0 9.69	+13 15.6	4.254	5.127	6.2	20.1
9 8	0 5.69	+12 50.9	4.183	5.122	4.5	20.0
9 18	0 1.18	+12 17.7	4.140	5.118	2.9	19.8
9 28	23 56.50	+11 37.9	4.126	5.113	2.2	19.8
10 8	23 52.01	+10 53.8	4.142	5.108	3.2	19.8
10 18	23 48.03	+10 8.2	4.187	5.104	4.8	20.0
10 28	23 44.88	+ 9 23.9	4.259	5.099	6.5	20.1
515800	2015 LL_{42}		9 22.6	358.°49	2.°7/19.9	18
8 19	0 19.81	− 3 42.5	1.653	2.534	14.0	20.9
8 29	0 15.89	− 4 42.8	1.589	2.533	10.3	20.7
9 8	0 9.93	− 5 52.4	1.548	2.532	6.2	20.4
9 18	0 2.60	− 7 4.3	1.532	2.532	2.8	20.2
9 28	23 54.85	− 8 10.6	1.543	2.532	4.6	20.4
10 8	23 47.73	− 9 3.7	1.580	2.532	8.7	20.6
10 18	23 42.12	− 9 38.8	1.641	2.533	12.5	20.8
10 28	23 38.69	− 9 53.3	1.723	2.534	15.8	21.1
71119	1999 XJ_{161}		9 22.6	8.°63	7.°6/27.6	18
8 19	0 25.01	+14 38.5	1.336	2.162	19.8	16.9
8 29	0 20.41	+15 56.3	1.271	2.164	16.4	16.7
9 8	0 13.04	+16 51.8	1.224	2.167	12.6	16.5
9 18	0 3.67	+17 21.4	1.199	2.170	9.1	16.3
9 28	23 53.56	+17 24.9	1.196	2.176	7.6	16.2
10 8	23 44.21	+17 7.0	1.218	2.182	9.3	16.3
10 18	23 36.90	+16 35.6	1.263	2.189	12.7	16.6
10 28	23 32.55	+16 0.0	1.329	2.198	16.2	16.8
449775	2014 OK_{107}		9 22.6	342.°50	5.°3/16.5	18
8 19	0 16.96	−11 5.3	1.797	2.689	12.5	20.4
8 29	0 13.69	−12 31.9	1.734	2.681	9.3	20.2
9 8	0 8.57	−14 1.4	1.695	2.673	6.5	20.0
9 18	0 2.17	−15 25.7	1.681	2.666	5.4	19.9
9 28	23 55.35	−16 36.1	1.694	2.660	7.2	20.0
10 8	23 49.07	−17 26.1	1.732	2.654	10.3	20.2
10 18	23 44.15	−17 52.2	1.794	2.649	13.5	20.4
10 28	23 41.21	−17 53.9	1.875	2.644	16.2	20.6
291073	2005 YK_{113}		9 22.6	19.°61	4.°6/27.2	18
8 19	0 21.94	+13 56.1	2.037	2.841	14.7	20.1
8 29	0 17.23	+14 19.5	1.960	2.843	11.9	20.0
9 8	0 10.67	+14 25.4	1.904	2.846	8.8	19.8
9 18	0 2.84	+14 13.6	1.872	2.849	5.9	19.6
9 28	23 54.56	+13 46.3	1.867	2.852	4.6	19.5
10 8	23 46.77	+13 8.0	1.890	2.856	6.3	19.6
10 18	23 40.30	+12 24.4	1.939	2.860	9.3	19.8
10 28	23 35.79	+11 41.9	2.012	2.864	12.2	20.0
96494	1998 KE_{24}		9 22.6	147.°31	6.°0/16.4	18
8 19	0 26.58	−16 51.0	2.102	2.973	11.9	20.4
8 29	0 20.41	−17 50.9	2.052	2.982	9.1	20.2
9 8	0 12.45	−18 46.8	2.026	2.990	6.8	20.1
9 18	0 3.35	−19 31.8	2.027	2.998	6.1	20.1
9 28	23 54.02	−20 0.1	2.056	3.005	7.4	20.2
10 8	23 45.39	−20 8.5	2.112	3.012	9.9	20.4
10 18	23 38.22	−19 56.2	2.192	3.018	12.4	20.5
10 28	23 33.08	−19 24.6	2.293	3.024	14.7	20.7

159534 2001 HM_{42} 9 22.6 189.°93 0.°6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.40	+ 5 10.9	2.893	3.724	10.1	20.8
8 29	0 14.06	+ 4 32.2	2.809	3.723	7.6	20.6
9 8	0 8.49	+ 3 43.3	2.750	3.721	4.8	20.5
9 18	0 2.10	+ 2 46.7	2.720	3.719	1.8	20.2
9 28	23 55.44	+ 1 46.4	2.719	3.717	1.6	20.2
10 8	23 49.11	+ 0 46.8	2.748	3.714	4.6	20.4
10 18	23 43.63	− 0 7.9	2.806	3.711	7.4	20.6
10 28	23 39.47	− 0 54.0	2.890	3.708	9.9	20.8

134925 2000 YO_{117} 9 22.6 297.°60 5.°6/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.89	− 9 7.3	1.342	2.237	15.7	19.1
8 29	0 18.72	−10 23.9	1.278	2.227	11.7	18.9
9 8	0 11.94	−11 46.8	1.235	2.218	7.7	18.6
9 18	0 3.30	−13 6.0	1.216	2.208	5.6	18.5
9 28	23 54.02	−14 10.4	1.222	2.199	7.8	18.6
10 8	23 45.50	−14 51.3	1.252	2.190	11.9	18.8
10 18	23 38.89	−15 4.8	1.304	2.181	16.1	19.0
10 28	23 35.06	−14 50.5	1.374	2.173	19.7	19.3

383263 2006 DJ_{55} 9 22.6 118.°26 5.°5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.74	+17 24.4	2.002	2.783	15.7	20.9
8 29	0 19.29	+17 40.5	1.931	2.796	12.9	20.7
9 8	0 11.90	+17 35.5	1.880	2.808	9.8	20.6
9 18	0 3.22	+17 9.4	1.853	2.820	6.9	20.4
9 28	23 54.14	+16 24.6	1.854	2.831	5.5	20.3
10 8	23 45.67	+15 26.4	1.881	2.843	6.7	20.4
10 18	23 38.64	+14 22.0	1.936	2.854	9.5	20.6
10 28	23 33.71	+13 18.6	2.015	2.864	12.3	20.8

67235 Fairbank 9 22.6 99.°35 0.°3/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.98	+ 2 57.2	1.945	2.801	13.3	19.9
8 29	0 15.68	+ 2 0.3	1.881	2.809	9.9	19.7
9 8	0 9.65	+ 0 50.2	1.839	2.818	6.0	19.4
9 18	0 2.49	− 0 28.1	1.825	2.827	1.8	19.2
9 28	23 55.03	− 1 47.7	1.838	2.835	2.5	19.3
10 8	23 48.13	− 3 1.4	1.880	2.844	6.5	19.5
10 18	23 42.55	− 4 3.3	1.948	2.852	10.2	19.8
10 28	23 38.86	− 4 49.3	2.040	2.860	13.3	20.0

343500 2010 EO_{105} 9 22.6 218.°94 2.°3/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.72	− 2 35.7	1.851	2.722	13.2	20.8
8 29	0 16.41	− 3 44.0	1.780	2.719	9.7	20.6
9 8	0 10.20	− 5 2.4	1.733	2.716	5.8	20.3
9 18	0 2.70	− 6 24.5	1.713	2.713	2.5	20.1
9 28	23 54.78	− 7 42.5	1.720	2.710	4.2	20.2
10 8	23 47.39	− 8 48.8	1.755	2.706	8.1	20.4
10 18	23 41.39	− 9 38.1	1.816	2.703	11.8	20.7
10 28	23 37.40	−10 7.5	1.898	2.699	14.9	20.9

506932 2008 FA_{89} 9 22.6 172.°25 0.°8/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.57	+ 0 48.1	1.776	2.635	14.2	22.5
8 29	0 19.30	+ 0 4.1	1.707	2.638	10.6	22.2
9 8	0 11.98	− 0 52.2	1.660	2.640	6.4	22.0
9 18	0 3.27	− 1 55.7	1.639	2.642	2.0	21.7
9 28	23 54.13	− 2 59.5	1.647	2.643	3.0	21.8
10 8	23 45.62	− 3 56.3	1.682	2.644	7.4	22.1
10 18	23 38.64	− 4 40.7	1.743	2.644	11.4	22.3
10 28	23 33.88	− 5 8.7	1.827	2.644	14.8	22.5

50787 2000 FP_{20} 9 22.6 228.°99 3.°5/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.68	− 6 33.2	1.780	2.655	13.5	19.4
8 29	0 19.49	− 7 29.5	1.706	2.646	10.0	19.1
9 8	0 12.16	− 8 32.2	1.656	2.637	6.2	18.9
9 18	0 3.35	− 9 34.8	1.631	2.628	3.5	18.7
9 28	23 54.01	−10 29.5	1.634	2.618	5.3	18.8
10 8	23 45.24	−11 9.8	1.664	2.608	9.1	19.0
10 18	23 38.00	−11 31.5	1.719	2.597	12.8	19.2
10 28	23 33.00	−11 33.1	1.796	2.586	16.1	19.4

481273 2005 YL_{18} 9 22.6 254.°23 9.°1/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.67	−34 15.0	2.803	3.632	10.4	22.6
8 29	0 19.77	−35 34.9	2.744	3.610	9.5	22.5
9 8	0 12.13	−36 42.5	2.710	3.587	9.1	22.5
9 18	0 3.30	−37 31.3	2.701	3.564	9.5	22.4
9 28	23 54.08	−37 56.4	2.716	3.540	10.6	22.5
10 8	23 45.31	−37 55.5	2.754	3.515	11.9	22.6
10 18	23 37.77	−37 29.2	2.812	3.490	13.4	22.6
10 28	23 32.06	−36 39.8	2.887	3.465	14.7	22.7

118476 2000 AF_{163} 9 22.6 316.°41 4.°5/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.30	− 9 11.6	1.847	2.734	12.5	18.9
8 29	0 14.76	−10 22.4	1.768	2.713	9.3	18.6
9 8	0 9.29	−11 38.6	1.711	2.692	6.1	18.4
9 18	0 2.45	−12 52.8	1.681	2.672	4.5	18.3
9 28	23 55.07	−13 57.1	1.677	2.651	6.3	18.3
10 8	23 48.11	−14 44.4	1.699	2.632	9.7	18.5
10 18	23 42.46	−15 10.5	1.745	2.612	13.2	18.7
10 28	23 38.83	−15 13.8	1.811	2.594	16.2	18.8

66094 1998 SY_1 9 22.6 40.°00 2.°7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.81	− 4 41.7	1.907	2.785	12.5	19.4
8 29	0 14.82	− 5 43.7	1.852	2.795	9.1	19.2
9 8	0 9.12	− 6 52.2	1.822	2.805	5.5	19.0
9 18	0 2.34	− 8 0.9	1.817	2.816	2.8	18.8
9 28	23 55.28	− 9 2.9	1.841	2.827	4.4	19.0
10 8	23 48.83	− 9 52.2	1.891	2.839	7.8	19.2
10 18	23 43.69	−10 25.1	1.966	2.850	11.1	19.4
10 28	23 40.43	−10 39.6	2.064	2.862	14.0	19.7

296745 2009 TL_{46} 9 22.6 310.°69 2.°5/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.87	−11 40.9	4.164	5.033	6.5	20.3
8 29	0 10.41	−12 19.1	4.093	5.028	4.8	20.2
9 8	0 6.14	−12 57.4	4.049	5.024	3.2	20.1
9 18	0 1.36	−13 33.0	4.034	5.020	2.5	20.0
9 28	23 56.42	−14 3.3	4.048	5.015	3.3	20.1
10 8	23 51.69	−14 26.0	4.091	5.011	4.9	20.2
10 18	23 47.53	−14 39.7	4.161	5.006	6.6	20.3
10 28	23 44.24	−14 43.4	4.256	5.002	8.1	20.4

403430 2009 ST_{175} 9 22.6 195.°42 0.°4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.06	− 0 11.9	2.342	3.194	11.5	20.8
8 29	0 17.02	− 0 27.1	2.266	3.194	8.5	20.6
9 8	0 10.41	− 0 49.8	2.215	3.193	5.2	20.4
9 18	0 2.76	− 1 17.1	2.190	3.193	1.6	20.1
9 28	23 54.78	− 1 45.1	2.195	3.192	2.2	20.2
10 8	23 47.25	− 2 9.5	2.229	3.191	5.8	20.4
10 18	23 40.84	− 2 26.9	2.289	3.190	9.0	20.6
10 28	23 36.11	− 2 34.6	2.374	3.189	11.9	20.8

214047 2004 EP_{74} 9 22.6 217.°34 0.°7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.53	+ 0 49.5	2.132	2.989	12.3	20.7
8 29	0 16.06	+ 0 5.7	2.055	2.985	9.1	20.4
9 8	0 9.91	− 0 48.7	2.002	2.981	5.5	20.2
9 18	0 2.62	− 1 49.5	1.975	2.978	1.7	20.0
9 28	23 54.95	− 2 51.0	1.977	2.973	2.6	20.0
10 8	23 47.73	− 3 47.2	2.008	2.969	6.4	20.3
10 18	23 41.70	− 4 33.0	2.065	2.965	9.9	20.5
10 28	23 37.46	− 5 5.0	2.146	2.960	13.0	20.7

250618 2005 GR_{30} 9 22.6 306.°74 13.°0/16.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 44.38	−28 16.9	1.264	2.123	18.8	19.7
8 29	0 35.67	−28 46.2	1.188	2.095	16.1	19.5
9 8	0 22.83	−28 55.0	1.130	2.068	13.8	19.2
9 18	0 6.92	−28 28.9	1.094	2.040	13.0	19.1
9 28	23 49.92	−27 17.6	1.083	2.013	14.5	19.1
10 8	23 34.16	−25 19.9	1.095	1.987	17.6	19.2
10 18	23 21.52	−22 43.3	1.128	1.961	21.2	19.4
10 28	23 13.12	−19 39.7	1.181	1.935	24.7	19.5

396190 2013 HO_{42} 9 22.6 86.°14 3.°4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.30	+13 27.4	2.218	3.024	13.6	21.2
8 29	0 15.11	+13 12.0	2.141	3.028	10.9	21.0
9 8	0 9.31	+12 38.7	2.085	3.033	7.8	20.9
9 18	0 2.43	+11 49.1	2.054	3.037	4.8	20.7
9 28	23 55.21	+10 46.8	2.051	3.042	3.4	20.6
10 8	23 48.45	+ 9 37.6	2.076	3.046	5.5	20.7
10 18	23 42.85	+ 8 27.7	2.129	3.051	8.5	20.9
10 28	23 38.98	+ 7 23.4	2.207	3.056	11.4	21.1

323373 2003 WW_{110} 9 22.6 128.°10 11.°5/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.03	−30 34.6	1.704	2.551	15.3	20.5
8 29	0 28.52	−31 40.2	1.672	2.564	13.2	20.4
9 8	0 17.47	−32 27.0	1.662	2.576	11.8	20.4
9 18	0 4.97	−32 45.8	1.676	2.588	11.6	20.4
9 28	23 52.41	−32 31.2	1.715	2.599	12.8	20.5
10 8	23 41.18	−31 43.1	1.776	2.610	14.7	20.7
10 18	23 32.29	−30 25.8	1.859	2.620	16.7	20.8
10 28	23 26.33	−28 45.7	1.959	2.630	18.6	21.0

478901 2012 WL_{22} 9 22.6 343.°69 0.°5/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.83	+ 2 42.7	1.314	2.192	17.1	21.1
8 29	0 16.50	+ 2 30.8	1.243	2.182	12.9	20.8
9 8	0 10.63	+ 2 2.6	1.192	2.173	8.1	20.5
9 18	0 2.94	+ 1 22.0	1.163	2.165	2.8	20.2
9 28	23 54.58	+ 0 35.7	1.159	2.158	2.8	20.2
10 8	23 46.89	− 0 8.0	1.180	2.152	8.2	20.5
10 18	23 41.03	− 0 41.7	1.223	2.147	13.2	20.8
10 28	23 37.85	− 0 59.9	1.287	2.143	17.4	21.0

112692 2002 PB_{101} 9 22.6 102.°57 1.°5/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.86	− 1 26.8	1.526	2.395	15.6	20.5
8 29	0 21.12	− 2 5.1	1.474	2.410	11.5	20.3
9 8	0 13.11	− 2 53.7	1.443	2.425	6.9	20.0
9 18	0 3.64	− 3 46.6	1.438	2.440	2.3	19.8
9 28	23 53.87	− 4 36.5	1.460	2.454	3.7	19.9
10 8	23 45.00	− 5 16.3	1.508	2.468	8.2	20.2
10 18	23 37.98	− 5 41.5	1.581	2.482	12.4	20.5
10 28	23 33.47	− 5 49.5	1.676	2.495	15.8	20.8

327508 2006 BS 9 22.6 232.°08 6.°0/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.34	−21 50.9	2.755	3.610	9.9	21.0
8 29	0 20.75	−22 27.5	2.685	3.599	7.9	20.9
9 8	0 12.62	−22 57.6	2.641	3.587	6.4	20.8
9 18	0 3.47	−23 16.2	2.624	3.576	6.0	20.7
9 28	23 54.04	−23 19.2	2.636	3.564	7.1	20.8
10 8	23 45.09	−23 4.4	2.676	3.551	9.0	20.9
10 18	23 37.31	−22 31.7	2.741	3.539	11.0	21.0
10 28	23 31.22	−21 42.5	2.828	3.525	12.9	21.2

324160 2005 YO_{201} 9 22.6 348.°02 6.°0/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.71	+16 50.1	1.874	2.670	16.1	20.6
8 29	0 16.59	+17 21.7	1.792	2.666	13.3	20.4
9 8	0 10.45	+17 32.8	1.730	2.661	10.3	20.2
9 18	0 2.86	+17 22.1	1.690	2.657	7.4	20.0
9 28	23 54.71	+16 51.2	1.676	2.654	6.0	19.9
10 8	23 47.02	+16 4.8	1.688	2.651	7.2	20.0
10 18	23 40.72	+15 9.6	1.726	2.649	10.1	20.1
10 28	23 36.54	+14 13.4	1.787	2.647	13.1	20.3

127211 2002 HK_{13} 9 22.6 138.°22 6.°6/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.25	−22 23.9	2.766	3.633	9.4	19.3
8 29	0 15.51	−24 5.6	2.728	3.644	7.7	19.2
9 8	0 9.41	−25 40.7	2.717	3.655	6.7	19.2
9 18	0 2.44	−27 2.9	2.734	3.666	6.8	19.2
9 28	23 55.25	−28 6.9	2.778	3.676	8.0	19.3
10 8	23 48.50	−28 49.7	2.848	3.685	9.6	19.4
10 18	23 42.79	−29 10.5	2.941	3.695	11.3	19.6
10 28	23 38.59	−29 10.4	3.053	3.703	12.8	19.7

350801 2002 CU_{202} 9 22.6 272.°78 1.°6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 15.11	+ 9 27.4	4.296	5.098	7.6	20.3
8 29	0 11.32	+ 9 25.7	4.205	5.095	5.9	20.2
9 8	0 6.72	+ 9 16.4	4.139	5.091	4.1	20.1
9 18	0 1.58	+ 9 0.5	4.101	5.088	2.3	20.0
9 28	23 56.25	+ 8 39.6	4.092	5.085	1.7	19.9
10 8	23 51.12	+ 8 15.7	4.114	5.082	3.1	20.0
10 18	23 46.53	+ 7 51.0	4.165	5.078	4.9	20.1
10 28	23 42.79	+ 7 28.1	4.243	5.075	6.7	20.3

27598 2001 DZ_{28} 9 22.6 66.°08 0.°8/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.79	− 0 27.8	2.133	2.993	12.1	18.8
8 29	0 16.10	− 1 1.3	2.077	3.009	8.9	18.6
9 8	0 9.83	− 1 43.0	2.045	3.025	5.3	18.4
9 18	0 2.59	− 2 28.9	2.039	3.041	1.7	18.2
9 28	23 55.12	− 3 13.7	2.062	3.058	2.6	18.3
10 8	23 48.23	− 3 52.5	2.113	3.074	6.2	18.5
10 18	23 42.58	− 4 21.4	2.191	3.090	9.4	18.8
10 28	23 38.67	− 4 38.0	2.292	3.107	12.2	19.0

469862 2005 UB_{24} 9 22.6 320.°53 0.°8/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 21.90	− 0 10.1	1.304	2.186	16.9	21.0
8 29	0 18.20	− 0 27.4	1.225	2.168	12.7	20.7
9 8	0 11.80	− 0 58.5	1.166	2.150	7.8	20.4
9 18	0 3.37	− 1 38.8	1.131	2.133	2.4	20.0
9 28	23 54.10	− 2 21.0	1.119	2.117	3.5	20.0
10 8	23 45.42	− 2 56.8	1.133	2.101	9.1	20.3
10 18	23 38.61	− 3 19.3	1.168	2.086	14.2	20.5
10 28	23 34.65	− 3 23.8	1.224	2.072	18.7	20.8

123737 2001 AW_{11} 9 22.6 167.°34 4.°2/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 19.45	−12 42.0	2.703	3.576	9.5	20.0
8 29	0 14.91	−13 56.6	2.644	3.579	7.1	19.8
9 8	0 9.06	−15 11.3	2.611	3.582	5.0	19.7
9 18	0 2.34	−16 20.6	2.606	3.585	4.2	19.6
9 28	23 55.39	−17 19.2	2.630	3.587	5.5	19.7
10 8	23 48.83	−18 3.2	2.682	3.589	7.7	19.9
10 18	23 43.25	−18 30.3	2.760	3.591	10.0	20.0
10 28	23 39.11	−18 39.9	2.860	3.592	12.0	20.2

201040 2002 EX_{7} 9 22.6 334.°08 0.°8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 14.62	+ 5 14.4	4.112	4.936	7.5	19.7
8 29	0 10.99	+ 5 4.9	4.025	4.933	5.7	19.5
9 8	0 6.53	+ 4 49.1	3.964	4.931	3.7	19.4
9 18	0 1.53	+ 4 28.3	3.931	4.928	1.6	19.2
9 28	23 56.35	+ 4 4.2	3.928	4.926	1.2	19.2
10 8	23 51.38	+ 3 39.4	3.955	4.923	3.2	19.4
10 18	23 46.96	+ 3 16.0	4.011	4.921	5.2	19.5
10 28	23 43.42	+ 2 56.2	4.094	4.919	7.1	19.6

305685 2009 BY_{124} 9 22.6 58.°24 2.°3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.08	− 2 17.1	1.701	2.577	13.9	20.4
8 29	0 15.91	− 3 29.4	1.652	2.593	10.1	20.2
9 8	0 9.86	− 4 51.2	1.625	2.609	6.0	20.0
9 18	0 2.63	− 6 15.2	1.625	2.626	2.5	19.8
9 28	23 55.14	− 7 33.1	1.652	2.642	4.2	20.0
10 8	23 48.36	− 8 37.5	1.706	2.659	8.1	20.3
10 18	23 43.09	− 9 23.7	1.785	2.676	11.7	20.5
10 28	23 39.87	− 9 49.5	1.886	2.693	14.8	20.8

25145 1998 SH_{43} 9 22.6 285.°34 3.°2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.85	− 9 40.9	2.246	3.113	11.3	18.9
8 29	0 19.21	−10 0.0	2.169	3.104	8.4	18.7
9 8	0 11.83	−10 20.0	2.116	3.094	5.4	18.5
9 18	0 3.28	−10 36.7	2.090	3.084	3.3	18.4
9 28	23 54.34	−10 45.6	2.093	3.075	4.6	18.4
10 8	23 45.88	−10 43.3	2.125	3.065	7.6	18.6
10 18	23 38.66	−10 28.1	2.182	3.056	10.7	18.8
10 28	23 33.29	− 9 59.2	2.263	3.046	13.4	19.0

172740 2004 CZ_{27} 9 22.6 51.°09 0.°3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.95	+ 2 29.2	1.793	2.649	14.2	20.2
8 29	0 18.09	+ 2 14.1	1.726	2.653	10.7	20.0
9 8	0 11.26	+ 1 47.0	1.681	2.658	6.6	19.8
9 18	0 3.11	+ 1 11.4	1.662	2.663	2.3	19.5
9 28	23 54.57	+ 0 32.3	1.670	2.669	2.3	19.5
10 8	23 46.66	− 0 4.2	1.706	2.674	6.6	19.8
10 18	23 40.22	− 0 33.2	1.768	2.680	10.6	20.0
10 28	23 35.92	− 0 50.7	1.852	2.685	13.9	20.3

482922 2014 HF_{161} 9 22.6 25.°55 4.°4/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.34	− 8 56.8	1.789	2.674	12.9	21.0
8 29	0 16.15	−10 9.8	1.732	2.676	9.5	20.8
9 8	0 10.07	−11 26.5	1.697	2.678	6.2	20.6
9 18	0 2.72	−12 39.5	1.689	2.681	4.4	20.5
9 28	23 55.03	−13 40.8	1.708	2.683	6.2	20.6
10 8	23 47.95	−14 24.4	1.753	2.686	9.4	20.8
10 18	23 42.32	−14 46.9	1.822	2.689	12.7	21.0
10 28	23 38.74	−14 47.6	1.912	2.692	15.6	21.2

377620 2005 SB_{133} 9 22.6 284.°34 1.°5/20.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 18.78	− 5 0.9	3.099	3.957	8.8	21.0
8 29	0 14.36	− 5 25.3	3.005	3.938	6.5	20.9
9 8	0 8.74	− 5 53.4	2.938	3.918	3.9	20.7
9 18	0 2.28	− 6 22.4	2.899	3.899	1.7	20.5
9 28	23 55.51	− 6 48.9	2.889	3.879	2.7	20.5
10 8	23 48.99	− 7 9.6	2.909	3.859	5.3	20.7
10 18	23 43.24	− 7 22.2	2.957	3.839	7.9	20.8
10 28	23 38.73	− 7 24.9	3.030	3.819	10.2	21.0

389120 2008 YD_{117} 9 22.6 78.°89 1.°9/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.15	− 2 28.6	1.781	2.652	13.6	21.5
8 29	0 17.49	− 3 13.5	1.718	2.656	10.0	21.2
9 8	0 10.89	− 4 7.3	1.677	2.660	6.0	21.0
9 18	0 2.99	− 5 4.3	1.663	2.664	2.3	20.8
9 28	23 54.73	− 5 57.9	1.676	2.668	3.7	20.9
10 8	23 47.09	− 6 41.7	1.716	2.673	7.7	21.2
10 18	23 40.93	− 7 11.1	1.781	2.677	11.5	21.4
10 28	23 36.88	− 7 23.6	1.869	2.681	14.7	21.6

349284 2007 TN_{365} 9 22.6 276.°58 0.°3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 19.55	+ 5 14.3	1.954	2.802	13.6	21.2
8 29	0 15.68	+ 4 14.3	1.856	2.780	10.3	20.9
9 8	0 9.90	+ 2 56.4	1.781	2.757	6.5	20.6
9 18	0 2.73	+ 1 24.5	1.732	2.734	2.2	20.3
9 28	23 54.96	− 0 14.4	1.712	2.710	2.3	20.3
10 8	23 47.52	− 1 51.7	1.720	2.687	6.8	20.5
10 18	23 41.29	− 3 19.3	1.755	2.663	10.9	20.7
10 28	23 37.02	− 4 30.7	1.814	2.638	14.5	20.9

151354 2002 CW_{294} 9 22.6 243.°87 0.°7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 23.74	− 1 9.1	2.193	3.048	12.0	20.1
8 29	0 18.42	− 1 20.3	2.115	3.044	9.0	19.8
9 8	0 11.37	− 1 38.6	2.060	3.039	5.4	19.6
9 18	0 3.15	− 2 1.1	2.033	3.035	1.7	19.4
9 28	23 54.54	− 2 23.5	2.034	3.031	2.5	19.4
10 8	23 46.40	− 2 41.8	2.064	3.026	6.2	19.7
10 18	23 39.48	− 2 52.4	2.122	3.022	9.7	19.9
10 28	23 34.38	− 2 52.8	2.203	3.017	12.7	20.1

435417 2008 AZ_{137} 9 22.6 194.°29 5.°0/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.12	+14 50.0	1.802	2.602	16.5	21.6
8 29	0 20.68	+15 3.3	1.720	2.601	13.4	21.4
9 8	0 13.01	+14 55.3	1.657	2.599	9.9	21.2
9 18	0 3.73	+14 25.8	1.619	2.596	6.5	21.0
9 28	23 53.86	+13 37.3	1.607	2.593	5.0	20.9
10 8	23 44.52	+12 36.0	1.623	2.590	7.1	21.0
10 18	23 36.74	+11 29.5	1.665	2.585	10.5	21.2
10 28	23 31.30	+10 26.1	1.731	2.581	14.0	21.4

404050 2012 DL_{12} 9 22.6 290.°62 3.°4/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 18.54	− 7 10.1	2.173	3.050	11.3	20.9
8 29	0 14.59	− 8 20.6	2.102	3.044	8.3	20.7
9 8	0 9.04	− 9 36.3	2.057	3.038	5.2	20.5
9 18	0 2.41	−10 51.2	2.039	3.033	3.4	20.4
9 28	23 55.42	−11 58.4	2.049	3.027	4.9	20.5
10 8	23 48.87	−12 52.1	2.086	3.022	8.0	20.7
10 18	23 43.46	−13 28.8	2.149	3.016	11.0	20.8
10 28	23 39.75	−13 46.4	2.234	3.011	13.7	21.0

481638 2007 VO_{83} 9 22.6 286.°11 6.°6/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.63	−16 2.2	1.898	2.780	12.4	21.2
8 29	0 18.01	−17 16.6	1.823	2.760	9.7	20.9
9 8	0 11.33	−18 30.0	1.772	2.740	7.3	20.8
9 18	0 3.19	−19 34.1	1.747	2.719	6.7	20.7
9 28	23 54.49	−20 21.0	1.748	2.699	8.4	20.7
10 8	23 46.28	−20 45.3	1.775	2.678	11.2	20.9
10 18	23 39.48	−20 44.6	1.824	2.657	14.2	21.0
10 28	23 34.83	−20 19.3	1.893	2.637	17.0	21.2

237071 2008 SP_{246} 9 22.6 307.°14 0.°9/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.36	+ 1 56.1	1.514	2.376	16.1	21.2
8 29	0 21.30	+ 2 13.1	1.428	2.357	12.3	20.9
9 8	0 13.64	+ 2 18.9	1.362	2.339	7.9	20.6
9 18	0 4.00	+ 2 15.2	1.321	2.322	2.9	20.2
9 28	23 53.52	+ 2 5.9	1.306	2.304	2.7	20.2
10 8	23 43.52	+ 1 56.4	1.317	2.287	7.8	20.5
10 18	23 35.26	+ 1 51.8	1.352	2.271	12.7	20.7
10 28	23 29.68	+ 1 56.6	1.410	2.254	16.9	20.9

426717 2013 TT_{45} 9 22.6 116.°02 0.°1/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.40	+ 2 38.6	1.668	2.522	15.2	21.4
8 29	0 20.68	+ 2 9.0	1.610	2.537	11.4	21.2
9 8	0 12.84	+ 1 26.0	1.574	2.551	7.0	20.9
9 18	0 3.62	+ 0 34.2	1.563	2.565	2.3	20.7
9 28	23 54.08	− 0 20.1	1.581	2.579	2.5	20.7
10 8	23 45.33	− 1 9.7	1.625	2.592	7.1	21.0
10 18	23 38.28	− 1 49.2	1.696	2.604	11.2	21.3
10 28	23 33.57	− 2 14.4	1.789	2.616	14.6	21.6

24255 1999 XR_{124} 9 22.6 52.°91 5.°1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.03	+12 48.5	1.308	2.144	19.6	17.9
8 29	0 20.28	+13 8.5	1.251	2.156	15.7	17.7
9 8	0 12.88	+13 3.3	1.213	2.168	11.3	17.5
9 18	0 3.69	+12 33.3	1.196	2.181	7.0	17.3
9 28	23 54.00	+11 43.0	1.204	2.195	5.2	17.2
10 8	23 45.25	+10 41.0	1.236	2.208	8.0	17.4
10 18	23 38.56	+ 9 37.1	1.292	2.222	12.1	17.7
10 28	23 34.72	+ 8 40.5	1.370	2.236	16.0	18.0

91692 1999 TZ_{129} 9 22.6 261.°16 0.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.20	+ 6 35.3	2.265	3.102	12.3	19.1
8 29	0 14.32	+ 5 48.8	2.179	3.095	9.4	18.9
9 8	0 8.88	+ 4 47.6	2.116	3.087	6.0	18.6
9 18	0 2.37	+ 3 34.9	2.080	3.079	2.4	18.4
9 28	23 55.48	+ 2 16.0	2.073	3.071	1.9	18.3
10 8	23 48.96	+ 0 57.5	2.095	3.063	5.5	18.6
10 18	23 43.52	− 0 14.6	2.144	3.055	9.0	18.8
10 28	23 39.72	− 1 15.1	2.218	3.047	12.1	19.0

436066 2009 RK_{75} 9 22.6 147.°04 0.°9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.87	− 4 1.6	4.431	5.284	6.5	21.5
8 29	0 11.10	− 4 20.0	4.355	5.285	4.7	21.4
9 8	0 6.58	− 4 41.1	4.306	5.285	2.8	21.3
9 18	0 1.58	− 5 2.9	4.285	5.286	1.1	21.1
9 28	23 56.43	− 5 23.3	4.296	5.287	1.7	21.2
10 8	23 51.49	− 5 40.3	4.336	5.288	3.6	21.3
10 18	23 47.09	− 5 52.3	4.405	5.289	5.5	21.5
10 28	23 43.50	− 5 58.0	4.500	5.289	7.1	21.6

382583 2002 CQ_{166} 9 22.6 201.°76 3.°2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.24	− 6 49.6	2.131	3.000	11.8	22.0
8 29	0 18.10	− 7 52.2	2.059	2.996	8.7	21.8
9 8	0 11.21	− 9 0.0	2.011	2.992	5.4	21.6
9 18	0 3.12	−10 7.2	1.991	2.986	3.2	21.5
9 28	23 54.65	−11 7.0	2.000	2.981	4.8	21.6
10 8	23 46.66	−11 53.9	2.037	2.975	8.0	21.8
10 18	23 39.92	−12 24.1	2.099	2.968	11.2	22.0
10 28	23 35.06	−12 36.0	2.184	2.960	14.0	22.2

251744 1998 WS_{24} 9 22.6 300.°47 0.°7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.90	− 2 2.3	4.165	5.017	6.9	20.9
8 29	0 10.47	− 2 28.4	4.083	5.012	5.0	20.8
9 8	0 6.24	− 2 58.3	4.027	5.007	3.0	20.6
9 18	0 1.49	− 3 30.0	4.000	5.002	1.0	20.5
9 28	23 56.57	− 4 1.1	4.003	4.997	1.6	20.5
10 8	23 51.85	− 4 29.2	4.036	4.992	3.7	20.7
10 18	23 47.67	− 4 52.3	4.097	4.987	5.7	20.8
10 28	23 44.34	− 5 8.5	4.185	4.982	7.4	20.9

473354 2015 TN_{242} 9 22.6 4.°93 4.°3/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.39	+10 56.0	1.625	2.458	16.5	20.3
8 29	0 17.26	+11 25.0	1.554	2.459	13.2	20.1
9 8	0 10.94	+11 35.5	1.503	2.460	9.4	19.9
9 18	0 3.08	+11 27.6	1.475	2.461	5.8	19.7
9 28	23 54.70	+11 4.1	1.473	2.464	4.4	19.6
10 8	23 46.92	+10 30.3	1.496	2.468	7.0	19.8
10 18	23 40.73	+ 9 53.0	1.545	2.472	10.7	20.0
10 28	23 36.86	+ 9 19.0	1.616	2.478	14.2	20.2

176331 2001 SV_{272} 9 22.6 354.°40 11.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.97	−26 53.1	1.606	2.487	14.3	18.7
8 29	0 17.75	−28 34.5	1.567	2.484	12.3	18.6
9 8	0 11.20	−30 2.0	1.550	2.481	11.2	18.5
9 18	0 3.14	−31 5.2	1.555	2.479	11.6	18.5
9 28	23 54.70	−31 36.2	1.583	2.478	13.1	18.6
10 8	23 47.11	−31 32.0	1.633	2.477	15.3	18.8
10 18	23 41.33	−30 54.3	1.701	2.477	17.5	18.9
10 28	23 38.03	−29 47.5	1.785	2.477	19.5	19.1

513405 2008 RP_7 9 22.6 332.°60 0.°8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.64	+ 5 26.6	1.457	2.321	16.5	20.8
8 29	0 16.15	+ 4 45.8	1.384	2.315	12.6	20.6
9 8	0 10.35	+ 3 44.9	1.332	2.309	8.0	20.3
9 18	0 2.92	+ 2 28.7	1.303	2.304	2.9	20.0
9 28	23 54.90	+ 1 5.1	1.301	2.300	2.6	20.0
10 8	23 47.51	− 0 16.0	1.324	2.295	7.7	20.3
10 18	23 41.80	− 1 25.8	1.371	2.291	12.4	20.5
10 28	23 38.53	− 2 17.6	1.440	2.288	16.4	20.8

131533 2001 UV_{103} 9 22.6 326.°42 0.°5/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.52	+ 5 15.5	1.104	1.987	19.2	20.5
8 29	0 15.98	+ 4 28.6	1.034	1.975	14.7	20.2
9 8	0 10.58	+ 3 15.7	0.982	1.965	9.3	19.8
9 18	0 3.06	+ 1 42.4	0.952	1.954	3.2	19.5
9 28	23 54.72	− 0 0.5	0.946	1.945	3.2	19.4
10 8	23 47.11	− 1 38.9	0.962	1.936	9.4	19.8
10 18	23 41.58	− 3 0.7	1.001	1.928	15.1	20.1
10 28	23 39.10	− 3 57.2	1.058	1.921	19.9	20.3

129898 Sanfordselznick 9 22.6 78.°78 1.°2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.99	+14 5.7	1.018	1.876	22.4	18.9
8 29	0 16.30	+11 39.8	0.958	1.883	17.3	18.6
9 8	0 10.68	+ 8 26.5	0.916	1.890	11.2	18.3
9 18	0 3.04	+ 4 37.1	0.898	1.898	4.4	17.9
9 28	23 54.83	+ 0 34.1	0.906	1.905	3.2	17.9
10 8	23 47.66	− 3 15.6	0.940	1.912	9.8	18.3
10 18	23 42.77	− 6 30.2	0.999	1.920	15.8	18.7
10 28	23 40.97	− 8 58.2	1.078	1.927	20.6	19.0

391604 2007 UA_{78} 9 22.6 166.°17 0.°7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.46	− 0 44.0	1.976	2.833	13.1	21.7
8 29	0 19.09	− 1 3.9	1.905	2.835	9.7	21.5
9 8	0 11.85	− 1 32.5	1.857	2.836	5.9	21.3
9 18	0 3.35	− 2 5.9	1.836	2.838	1.8	21.0
9 28	23 54.47	− 2 39.2	1.843	2.839	2.7	21.1
10 8	23 46.15	− 3 7.3	1.878	2.840	6.7	21.3
10 18	23 39.22	− 3 26.1	1.939	2.841	10.4	21.6
10 28	23 34.29	− 3 32.9	2.024	2.841	13.5	21.8

177083 2003 FO_{56} 9 22.6 130.°37 1.°1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.99	− 0 59.2	2.126	2.986	12.1	20.6
8 29	0 16.39	− 1 38.3	2.056	2.989	9.0	20.4
9 8	0 10.14	− 2 26.2	2.011	2.992	5.4	20.2
9 18	0 2.79	− 3 18.3	1.993	2.995	1.8	20.0
9 28	23 55.13	− 4 9.2	2.003	2.998	2.8	20.1
10 8	23 47.96	− 4 53.5	2.041	3.000	6.5	20.3
10 18	23 42.01	− 5 26.9	2.106	3.003	9.9	20.5
10 28	23 37.84	− 5 46.7	2.194	3.005	12.8	20.8

404573 2013 JD_{60} 9 22.6 201.°94 0.°5/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.53	+ 0 34.6	2.384	3.235	11.3	21.5
8 29	0 15.92	+ 0 2.0	2.306	3.234	8.4	21.3
9 8	0 9.81	− 0 39.4	2.253	3.231	5.1	21.1
9 18	0 2.69	− 1 26.1	2.227	3.229	1.6	20.9
9 28	23 55.24	− 2 13.6	2.230	3.227	2.2	20.9
10 8	23 48.19	− 2 56.9	2.262	3.224	5.7	21.2
10 18	23 42.21	− 3 32.1	2.322	3.221	9.0	21.4
10 28	23 37.85	− 3 55.9	2.405	3.218	11.8	21.6

512070 2015 MD_{134} 9 22.6 83.°83 0.°8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.32	+ 3 53.3	1.830	2.680	14.3	21.5
8 29	0 18.33	+ 3 36.6	1.765	2.688	10.8	21.3
9 8	0 11.41	+ 3 6.8	1.722	2.697	6.8	21.0
9 18	0 3.21	+ 2 27.4	1.705	2.706	2.5	20.8
9 28	23 54.66	+ 1 43.3	1.715	2.714	2.2	20.8
10 8	23 46.74	+ 1 0.8	1.753	2.722	6.4	21.1
10 18	23 40.29	+ 0 25.0	1.818	2.731	10.3	21.3
10 28	23 35.93	+ 0 0.3	1.905	2.739	13.6	21.6

376471 2012 JN_{20} 9 22.6 164.°40 1.°3/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.03	+ 6 43.2	1.859	2.695	14.7	21.9
8 29	0 19.64	+ 6 11.3	1.786	2.700	11.2	21.7
9 8	0 12.24	+ 5 23.1	1.735	2.705	7.2	21.5
9 18	0 3.49	+ 4 21.8	1.711	2.709	3.0	21.2
9 28	23 54.33	+ 3 13.3	1.715	2.713	2.3	21.2
10 8	23 45.76	+ 2 4.9	1.747	2.716	6.4	21.5
10 18	23 38.69	+ 1 3.3	1.805	2.718	10.4	21.7
10 28	23 33.76	+ 0 14.0	1.888	2.719	13.8	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
356443	2010 XR_{32}		9 22.6	301.°70	2.°0/26.3	15
	h m	° ′			°	m
8 19	0 14.73	+11 8.6	4.116	4.911	8.0	21.0
8 29	0 11.14	+11 5.2	4.019	4.903	6.3	20.9
9 8	0 6.69	+10 53.2	3.948	4.895	4.5	20.7
9 18	0 1.66	+10 33.4	3.904	4.887	2.7	20.6
9 28	23 56.43	+10 7.5	3.889	4.879	2.0	20.5
10 8	23 51.38	+ 9 37.8	3.904	4.871	3.3	20.6
10 18	23 46.89	+ 9 6.7	3.948	4.863	5.1	20.7
10 28	23 43.29	+ 8 37.0	4.019	4.856	6.9	20.9
325505	2009 RM_{50}		9 22.6	325.°52	4.°4/19.2	18
8 19	0 28.41	−13 15.2	2.031	2.899	12.3	19.6
8 29	0 22.02	−13 23.0	1.957	2.890	9.3	19.4
9 8	0 13.65	−13 28.1	1.908	2.882	6.3	19.2
9 18	0 3.94	−13 26.0	1.885	2.873	4.4	19.1
9 28	23 53.84	−13 12.2	1.890	2.865	5.7	19.1
10 8	23 44.34	−12 44.1	1.924	2.858	8.7	19.3
10 18	23 36.33	−12 1.3	1.983	2.851	11.8	19.5
10 28	23 30.45	−11 4.4	2.065	2.844	14.6	19.7
175199	2005 ER_{305}		9 22.6	258.°78	0.°9/21.8	17
8 19	0 23.12	+ 1 22.2	1.506	2.375	15.8	21.2
8 29	0 18.78	+ 0 32.7	1.427	2.363	11.8	21.0
9 8	0 12.01	− 0 33.1	1.370	2.352	7.2	20.7
9 18	0 3.50	− 1 49.6	1.338	2.341	2.2	20.3
9 28	23 54.31	− 3 8.1	1.332	2.329	3.4	20.4
10 8	23 45.69	− 4 19.4	1.353	2.317	8.5	20.7
10 18	23 38.76	− 5 15.4	1.397	2.304	13.2	20.9
10 28	23 34.36	− 5 51.3	1.463	2.292	17.2	21.1
420407	2012 DW_{1}		9 22.6	336.°39	0.°2/22.5	18
8 19	0 23.28	− 0 6.4	1.864	2.725	13.6	20.6
8 29	0 18.40	− 0 5.8	1.787	2.718	10.2	20.4
9 8	0 11.54	− 0 13.8	1.732	2.711	6.3	20.1
9 18	0 3.30	− 0 27.6	1.702	2.704	2.0	19.9
9 28	23 54.56	− 0 43.0	1.700	2.698	2.4	19.9
10 8	23 46.34	− 0 55.5	1.726	2.692	6.7	20.1
10 18	23 39.53	− 1 1.0	1.777	2.687	10.7	20.4
10 28	23 34.81	− 0 56.5	1.851	2.682	14.0	20.6
291025	2005 YP_{27}		9 22.6	276.°77	1.°5/21.0	18
8 19	0 20.16	− 2 22.5	2.229	3.093	11.5	21.0
8 29	0 15.77	− 3 0.6	2.153	3.087	8.5	20.8
9 8	0 9.78	− 3 46.1	2.100	3.082	5.1	20.6
9 18	0 2.70	− 4 34.9	2.075	3.076	1.9	20.4
9 28	23 55.26	− 5 21.8	2.078	3.071	3.0	20.4
10 8	23 48.25	− 6 1.6	2.109	3.066	6.5	20.6
10 18	23 42.37	− 6 30.4	2.167	3.060	9.8	20.8
10 28	23 38.19	− 6 45.6	2.249	3.055	12.7	21.0
321521	2009 SO_{230}		9 22.6	38.°89	0.°9/23.5	18
8 19	0 22.71	+ 3 32.4	2.084	2.929	12.9	20.5
8 29	0 17.71	+ 3 31.3	2.013	2.934	9.8	20.3
9 8	0 10.98	+ 3 19.5	1.965	2.938	6.2	20.1
9 18	0 3.09	+ 2 59.5	1.943	2.943	2.4	19.9
9 28	23 54.85	+ 2 34.8	1.950	2.948	2.0	19.8
10 8	23 47.13	+ 2 10.1	1.984	2.953	5.8	20.1
10 18	23 40.69	+ 1 49.5	2.046	2.959	9.3	20.3
10 28	23 36.12	+ 1 36.7	2.131	2.964	12.4	20.5
116661	2004 CU_{38}		9 22.6	68.°00	0.°4/23.1	18
8 19	0 22.45	+ 3 10.4	1.846	2.699	14.0	19.9
8 29	0 17.68	+ 2 49.6	1.781	2.707	10.5	19.7
9 8	0 11.02	+ 2 16.2	1.737	2.714	6.6	19.5
9 18	0 3.11	+ 1 34.0	1.720	2.721	2.3	19.2
9 28	23 54.84	+ 0 48.1	1.730	2.728	2.2	19.2
10 8	23 47.18	+ 0 4.6	1.767	2.735	6.4	19.5
10 18	23 40.95	− 0 31.3	1.831	2.743	10.3	19.8
10 28	23 36.77	− 0 55.4	1.918	2.750	13.6	20.0
282366	2003 OO_{10}		9 22.6	77.°39	4.°7/26.7	17
8 19	0 27.28	+12 59.6	1.691	2.503	16.9	19.8
8 29	0 21.39	+13 22.7	1.634	2.523	13.5	19.7
9 8	0 13.33	+13 25.5	1.597	2.544	9.7	19.5
9 18	0 3.85	+13 8.3	1.584	2.565	6.2	19.3
9 28	23 54.04	+12 34.5	1.597	2.585	4.7	19.3
10 8	23 45.03	+11 50.2	1.638	2.606	6.9	19.5
10 18	23 37.76	+11 2.3	1.705	2.626	10.3	19.7
10 28	23 32.90	+10 18.2	1.795	2.646	13.5	20.0
342686	2008 VX_{57}		9 22.6	306.°12	4.°7/18.3	18
8 19	0 22.22	− 8 55.5	1.619	2.505	13.9	20.4
8 29	0 17.85	−10 1.4	1.554	2.499	10.4	20.2
9 8	0 11.30	−11 12.0	1.512	2.493	6.7	20.0
9 18	0 3.24	−12 19.3	1.495	2.487	4.7	19.9
9 28	23 54.69	−13 14.7	1.504	2.482	6.5	20.0
10 8	23 46.79	−13 51.4	1.539	2.476	10.2	20.2
10 18	23 40.49	−14 5.8	1.597	2.471	13.8	20.4
10 28	23 36.52	−13 57.3	1.675	2.466	17.0	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
265169	2003 WG_{147}		9 22.6	313.°99	8.°0/16.6	18
	h m	° ′			°	m
8 19	0 24.83	−14 56.4	1.268	2.165	16.2	19.9
8 29	0 20.43	−16 10.1	1.207	2.153	12.6	19.6
9 8	0 13.18	−17 22.7	1.167	2.142	9.3	19.4
9 18	0 3.90	−18 22.9	1.150	2.130	8.1	19.3
9 28	23 53.94	−18 59.8	1.157	2.120	10.1	19.4
10 8	23 44.84	−19 6.5	1.186	2.109	13.8	19.6
10 18	23 37.85	−18 41.8	1.235	2.099	17.7	19.8
10 28	23 33.87	−17 47.9	1.302	2.090	21.1	20.0
147454	2004 BT_{14}		9 22.6	130.°13	2.°2/24.5	18
8 19	0 25.02	+ 7 49.9	1.630	2.469	16.2	20.0
8 29	0 19.87	+ 7 34.6	1.562	2.477	12.5	19.8
9 8	0 12.50	+ 7 1.0	1.516	2.483	8.3	19.6
9 18	0 3.62	+ 6 11.9	1.494	2.490	3.9	19.3
9 28	23 54.29	+ 5 12.7	1.499	2.496	2.7	19.3
10 8	23 45.66	+ 4 11.2	1.531	2.502	6.8	19.5
10 18	23 38.70	+ 3 14.8	1.589	2.508	11.0	19.8
10 28	23 34.14	+ 2 29.7	1.669	2.513	14.7	20.0
365280	2009 QG_{53}		9 22.6	5.°00	0.°9/21.9	18
8 19	0 19.89	− 0 53.7	1.553	2.431	14.9	19.9
8 29	0 16.11	− 1 9.9	1.491	2.432	11.1	19.7
9 8	0 10.21	− 1 36.2	1.450	2.433	6.7	19.4
9 18	0 2.89	− 2 8.3	1.433	2.436	2.1	19.2
9 28	23 55.13	− 2 40.2	1.442	2.439	3.1	19.2
10 8	23 48.05	− 3 5.7	1.477	2.444	7.6	19.5
10 18	23 42.56	− 3 20.2	1.536	2.449	11.8	19.8
10 28	23 39.33	− 3 20.4	1.617	2.456	15.3	20.0
310110	2010 VJ_{34}		9 22.7	256.°45	2.°0/26.8	18
8 19	0 13.50	+12 28.1	4.464	5.251	7.5	20.2
8 29	0 10.17	+12 16.5	4.372	5.249	6.0	20.1
9 8	0 6.08	+11 56.4	4.305	5.247	4.3	20.0
9 18	0 1.49	+11 28.6	4.265	5.245	2.7	19.8
9 28	23 56.73	+10 54.7	4.254	5.243	2.0	19.8
10 8	23 52.16	+10 17.1	4.274	5.241	3.0	19.9
10 18	23 48.09	+ 9 38.2	4.322	5.239	4.7	20.0
10 28	23 44.83	+ 9 0.7	4.399	5.237	6.4	20.1
377647	2005 UF_{128}		9 22.7	284.°61	1.°6/20.4	16
8 19	0 18.07	− 4 55.9	3.154	4.013	8.6	21.8
8 29	0 13.86	− 5 25.7	3.059	3.992	6.3	21.6
9 8	0 8.48	− 5 59.4	2.991	3.971	3.9	21.4
9 18	0 2.29	− 6 34.2	2.951	3.950	1.7	21.2
9 28	23 55.79	− 7 6.5	2.940	3.929	2.7	21.3
10 8	23 49.53	− 7 33.1	2.959	3.908	5.3	21.5
10 18	23 44.00	− 7 51.3	3.006	3.887	7.8	21.6
10 28	23 39.68	− 7 59.2	3.077	3.865	10.1	21.7
377723	2005 WJ_{150}		9 22.7	306.°59	2.°1/20.0	17
8 19	0 19.67	− 6 42.6	2.755	3.620	9.6	20.7
8 29	0 15.22	− 7 6.5	2.662	3.597	7.1	20.5
9 8	0 9.39	− 7 33.5	2.594	3.575	4.4	20.3
9 18	0 2.60	− 8 0.4	2.554	3.552	2.2	20.1
9 28	23 55.44	− 8 23.2	2.543	3.530	3.3	20.2
10 8	23 48.55	− 8 38.5	2.561	3.508	6.1	20.3
10 18	23 42.55	− 8 43.8	2.606	3.486	8.9	20.5
10 28	23 37.94	− 8 37.4	2.675	3.464	11.4	20.6
45374	2000 AL_{114}		9 22.7	346.°79	7.°1/15.6	18
8 19	0 14.91	−10 35.0	1.247	2.158	15.4	17.5
8 29	0 12.94	−12 33.3	1.190	2.147	11.6	17.2
9 8	0 8.53	−14 37.9	1.155	2.137	8.2	17.0
9 18	0 2.40	−16 35.9	1.144	2.129	7.2	17.0
9 28	23 55.69	−18 13.4	1.156	2.122	9.7	17.1
10 8	23 49.68	−19 20.1	1.190	2.116	13.6	17.3
10 18	23 45.47	−19 51.5	1.244	2.111	17.4	17.5
10 28	23 43.85	−19 47.8	1.316	2.108	20.7	17.7
312617	2009 SZ_{199}		9 22.7	256.°77	0.°1/22.4	18
8 19	0 14.84	+ 0 18.0	4.425	5.266	6.7	20.5
8 29	0 11.13	+ 0 3.8	4.340	5.261	5.0	20.4
9 8	0 6.65	− 0 14.6	4.281	5.257	3.0	20.3
9 18	0 1.68	− 0 35.7	4.250	5.252	0.9	20.1
9 28	23 56.53	− 0 57.4	4.250	5.247	1.2	20.1
10 8	23 51.58	− 1 17.7	4.280	5.243	3.3	20.3
10 18	23 47.15	− 1 34.7	4.340	5.238	5.2	20.4
10 28	23 43.52	− 1 46.7	4.425	5.233	6.9	20.5
258035	2001 JH_{3}		9 22.7	162.°80	2.°4/25.0	17
8 19	0 24.76	+ 9 35.1	1.881	2.705	15.0	21.5
8 29	0 19.45	+ 9 11.0	1.807	2.711	11.7	21.3
9 8	0 12.16	+ 8 28.7	1.754	2.716	7.9	21.0
9 18	0 3.51	+ 7 30.6	1.727	2.720	3.9	20.8
9 28	23 54.44	+ 6 22.0	1.728	2.724	2.7	20.8
10 8	23 45.95	+ 5 9.9	1.757	2.727	6.2	21.0
10 18	23 38.93	+ 4 1.7	1.813	2.730	10.0	21.2
10 28	23 34.05	+ 3 3.7	1.893	2.732	13.5	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
86564	2000 EU_{28}		9 22.7	212.°29	7.°4/15.3	18
	h m	° ′			°	m
8 19	0 25.23	−16 49.2	1.718	2.601	13.5	20.0
8 29	0 20.02	−18 18.2	1.661	2.597	10.5	19.8
9 8	0 12.59	−19 44.3	1.628	2.593	8.1	19.7
9 18	0 3.66	−20 58.1	1.620	2.588	7.5	19.7
9 28	23 54.28	−21 50.7	1.638	2.583	9.3	19.7
10 8	23 45.60	−22 16.8	1.681	2.578	12.1	19.9
10 18	23 38.59	−22 15.0	1.745	2.572	15.1	20.1
10 28	23 33.95	−21 47.1	1.829	2.566	17.7	20.3
383141	2005 UQ_{103}		9 22.7	254.°70	0.°1/22.6	18
8 19	0 22.81	+ 2 53.5	1.790	2.645	14.3	21.9
8 29	0 18.24	+ 2 16.1	1.704	2.632	10.8	21.6
9 8	0 11.57	+ 1 23.9	1.640	2.618	6.7	21.4
9 18	0 3.37	+ 0 21.0	1.602	2.604	2.2	21.1
9 28	23 54.57	− 0 46.1	1.591	2.589	2.5	21.1
10 8	23 46.21	− 1 50.0	1.608	2.574	7.2	21.3
10 18	23 39.28	− 2 43.9	1.651	2.559	11.4	21.5
10 28	23 34.52	− 3 22.5	1.716	2.544	15.1	21.7
513729	2012 TM_{187}		9 22.7	7.°79	9.°8/15.6	18
8 19	0 27.33	−21 57.0	1.391	2.278	15.8	20.1
8 29	0 21.88	−22 54.0	1.347	2.279	12.8	19.9
9 8	0 13.80	−23 39.6	1.323	2.280	10.4	19.8
9 18	0 4.04	−24 4.1	1.322	2.282	9.8	19.7
9 28	23 53.94	−24 0.1	1.345	2.285	11.4	19.8
10 8	23 44.91	−23 25.0	1.390	2.289	14.1	20.0
10 18	23 38.05	−22 21.2	1.457	2.293	17.0	20.2
10 28	23 34.01	−20 53.3	1.541	2.298	19.7	20.4
353228	2010 AC_{121}		9 22.7	274.°96	2.°1/18.1	18
8 19	0 13.16	− 9 54.5	4.402	5.269	6.2	20.3
8 29	0 9.92	−10 37.7	4.330	5.266	4.6	20.2
9 8	0 5.93	−11 21.9	4.285	5.262	3.0	20.1
9 18	0 1.46	−12 4.3	4.270	5.259	2.1	20.0
9 28	23 56.83	−12 42.3	4.284	5.256	3.0	20.1
10 8	23 52.39	−13 13.7	4.327	5.252	4.5	20.2
10 18	23 48.48	−13 36.7	4.398	5.249	6.2	20.3
10 28	23 45.36	−13 50.2	4.494	5.246	7.7	20.4
352394	2007 WQ_{38}		9 22.7	300.°11	2.°3/20.7	18
8 19	0 23.47	− 4 35.6	1.777	2.650	13.6	20.9
8 29	0 18.67	− 5 4.1	1.700	2.639	10.1	20.7
9 8	0 11.79	− 5 39.3	1.646	2.628	6.1	20.5
9 18	0 3.43	− 6 16.3	1.617	2.618	2.6	20.2
9 28	23 54.55	− 6 49.0	1.616	2.608	4.1	20.3
10 8	23 46.20	− 7 11.7	1.642	2.597	8.1	20.5
10 18	23 39.32	− 7 20.5	1.693	2.587	12.0	20.7
10 28	23 34.64	− 7 13.3	1.765	2.578	15.4	20.9
437740	2014 EQ_{29}		9 22.7	207.°06	0.°5/21.7	18
8 19	0 14.03	− 1 26.6	4.691	5.537	6.2	21.8
8 29	0 10.50	− 1 46.8	4.609	5.535	4.6	21.6
9 8	0 6.26	− 2 10.5	4.554	5.533	2.7	21.5
9 18	0 1.56	− 2 35.9	4.528	5.530	0.9	21.3
9 28	23 56.72	− 3 1.2	4.533	5.528	1.3	21.4
10 8	23 52.06	− 3 24.2	4.568	5.526	3.2	21.5
10 18	23 47.88	− 3 43.2	4.631	5.523	5.0	21.7
10 28	23 44.46	− 3 56.6	4.722	5.520	6.6	21.8
262010	2006 QS_{79}		9 22.7	346.°91	2.°8/24.7	18
8 19	0 17.45	+ 7 50.8	1.048	1.928	20.2	19.3
8 29	0 15.30	+ 7 46.1	0.982	1.918	15.8	19.0
9 8	0 10.24	+ 7 15.3	0.933	1.910	10.6	18.7
9 18	0 3.03	+ 6 20.7	0.904	1.902	5.1	18.4
9 28	23 55.00	+ 5 9.9	0.898	1.896	3.5	18.3
10 8	23 47.74	+ 3 54.4	0.913	1.892	8.8	18.6
10 18	23 42.62	+ 2 46.2	0.950	1.889	14.3	18.9
10 28	23 40.62	+ 1 55.0	1.006	1.887	19.2	19.2
389516	2010 GY_{139}		9 22.7	190.°97	3.°5/19.1	18
8 19	0 25.23	− 9 0.1	2.142	3.010	11.8	21.8
8 29	0 19.57	− 9 43.6	2.073	3.009	8.7	21.6
9 8	0 12.12	−10 29.6	2.029	3.007	5.6	21.4
9 18	0 3.50	−11 12.7	2.012	3.005	3.6	21.2
9 28	23 54.52	−11 47.1	2.024	3.003	5.0	21.3
10 8	23 46.09	−12 8.5	2.063	3.000	8.0	21.5
10 18	23 38.96	−12 14.3	2.129	2.996	11.1	21.7
10 28	23 33.76	−12 3.7	2.217	2.993	13.9	21.9
77634	2001 KQ_{54}		9 22.7	94.°87	0.°1/22.7	18
8 19	0 23.90	+ 2 8.4	1.893	2.746	13.7	19.6
8 29	0 18.67	+ 1 45.0	1.832	2.759	10.3	19.4
9 8	0 11.60	+ 1 10.3	1.794	2.771	6.3	19.2
9 18	0 3.33	+ 0 28.1	1.782	2.784	2.1	18.9
9 28	23 54.76	− 0 16.2	1.798	2.796	2.3	19.0
10 8	23 46.84	− 0 56.9	1.842	2.809	6.4	19.3
10 18	23 40.37	− 1 29.2	1.913	2.821	10.1	19.5
10 28	23 35.93	− 1 49.5	2.007	2.833	13.3	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
172717	2004 BS_{81}		9 22.7	352.°32	4.°6/18.4	18
	h m	° ′			°	m
8 19	0 22.18	− 9 34.9	1.693	2.578	13.5	19.6
8 29	0 17.70	−10 32.1	1.632	2.576	10.0	19.4
9 8	0 11.15	−11 32.2	1.595	2.575	6.6	19.2
9 18	0 3.22	−12 28.1	1.582	2.574	4.6	19.0
9 28	23 54.88	−13 12.2	1.596	2.573	6.3	19.2
10 8	23 47.20	−13 38.7	1.636	2.573	9.7	19.4
10 18	23 41.07	−13 44.7	1.699	2.572	13.2	19.6
10 28	23 37.16	−13 29.9	1.783	2.572	16.2	19.8
359580	2010 TE_{188}		9 22.7	28.°37	0.°5/22.3	18
8 19	0 25.75	− 1 29.1	1.648	2.514	14.8	19.7
8 29	0 20.28	− 1 21.1	1.590	2.524	11.0	19.5
9 8	0 12.67	− 1 21.0	1.555	2.535	6.7	19.3
9 18	0 3.69	− 1 25.5	1.544	2.546	2.1	19.0
9 28	23 54.38	− 1 30.4	1.561	2.559	2.7	19.1
10 8	23 45.84	− 1 31.2	1.605	2.571	7.2	19.4
10 18	23 38.99	− 1 24.7	1.674	2.584	11.2	19.7
10 28	23 34.48	− 1 8.4	1.766	2.598	14.6	19.9
326230	2012 DE_{8}		9 22.7	215.°62	1.°9/20.1	18
8 19	0 18.74	− 3 21.1	2.453	3.317	10.6	21.3
8 29	0 14.60	− 4 21.1	2.378	3.314	7.8	21.1
9 8	0 9.03	− 5 28.0	2.329	3.311	4.7	20.9
9 18	0 2.51	− 6 37.2	2.307	3.307	2.1	20.8
9 28	23 55.68	− 7 42.9	2.315	3.303	3.4	20.8
10 8	23 49.22	− 8 40.0	2.351	3.299	6.5	21.0
10 18	23 43.78	− 9 24.4	2.414	3.295	9.5	21.2
10 28	23 39.85	− 9 53.6	2.501	3.291	12.1	21.4
408592	2013 LE_{32}		9 22.7	125.°27	1.°2/21.0	18
8 19	0 17.66	+ 0 16.4	2.349	3.208	11.2	20.6
8 29	0 13.83	− 0 55.5	2.277	3.210	8.2	20.4
9 8	0 8.57	− 2 17.4	2.231	3.212	4.9	20.2
9 18	0 2.36	− 3 44.5	2.212	3.214	1.6	20.0
9 28	23 55.86	− 5 10.2	2.223	3.216	2.8	20.1
10 8	23 49.77	− 6 28.4	2.263	3.218	6.2	20.3
10 18	23 44.71	− 7 33.9	2.330	3.220	9.4	20.5
10 28	23 41.20	− 8 23.5	2.421	3.222	12.1	20.7
511785	2015 EE_{34}		9 22.7	120.°81	0.°1/22.5	17
8 19	0 25.55	+ 2 8.1	1.737	2.591	14.7	22.1
8 29	0 20.06	+ 1 36.0	1.676	2.604	11.0	21.9
9 8	0 12.52	+ 0 51.2	1.638	2.616	6.7	21.7
9 18	0 3.65	− 0 1.6	1.625	2.627	2.1	21.4
9 28	23 54.44	− 0 56.3	1.641	2.638	2.5	21.5
10 8	23 45.95	− 1 46.0	1.684	2.649	7.0	21.8
10 18	23 39.07	− 2 25.2	1.753	2.660	11.0	22.0
10 28	23 34.43	− 2 50.3	1.845	2.669	14.3	22.3
134323	1564 $T\text{-}_{2}$		9 22.7	22.°35	0.°6/23.0	18
8 19	0 24.97	+ 0 57.4	0.904	1.801	21.1	18.3
8 29	0 20.92	+ 1 18.5	0.862	1.811	15.9	18.0
9 8	0 13.57	+ 1 23.5	0.837	1.822	9.9	17.8
9 18	0 4.05	+ 1 16.2	0.832	1.834	3.4	17.4
9 28	23 54.05	+ 1 3.4	0.849	1.849	3.3	17.5
10 8	23 45.38	+ 0 53.1	0.888	1.864	9.5	17.9
10 18	23 39.38	+ 0 51.6	0.948	1.881	15.0	18.3
10 28	23 36.84	+ 1 3.4	1.026	1.899	19.5	18.6
105768	2000 SH_{107}		9 22.7	318.°32	0.°6/22.1	18
8 19	0 24.77	− 1 18.4	1.979	2.837	13.0	19.3
8 29	0 19.41	− 1 21.5	1.903	2.833	9.7	19.1
9 8	0 12.13	− 1 32.0	1.850	2.829	5.9	18.9
9 18	0 3.55	− 1 46.8	1.823	2.825	1.9	18.6
9 28	23 54.53	− 2 1.8	1.824	2.821	2.6	18.6
10 8	23 46.02	− 2 12.6	1.854	2.817	6.6	18.9
10 18	23 38.88	− 2 15.7	1.910	2.814	10.4	19.1
10 28	23 33.77	− 2 8.7	1.989	2.810	13.6	19.3
71535	2000 CY_{93}		9 22.7	181.°22	1.°0/21.3	18
8 19	0 19.27	− 1 23.2	2.781	3.634	9.8	20.2
8 29	0 14.81	− 2 4.6	2.705	3.635	7.2	20.0
9 8	0 9.09	− 2 52.6	2.655	3.635	4.3	19.8
9 18	0 2.53	− 3 43.7	2.633	3.635	1.5	19.6
9 28	23 55.71	− 4 33.7	2.641	3.635	2.4	19.7
10 8	23 49.24	− 5 18.4	2.678	3.634	5.3	19.9
10 18	23 43.67	− 5 54.4	2.743	3.633	8.1	20.1
10 28	23 39.47	− 6 19.1	2.833	3.632	10.6	20.2
5506	Artiglio		9 22.7	213.°87	1.°0/21.7	18 R
8 19	0 26.36	− 0 50.6	1.893	2.750	13.6	18.0
8 29	0 20.72	− 1 20.1	1.813	2.743	10.1	17.7
9 8	0 13.01	− 1 59.5	1.756	2.736	6.2	17.5
9 18	0 3.86	− 2 44.3	1.726	2.728	2.0	17.2
9 28	23 54.18	− 3 28.9	1.724	2.720	3.0	17.3
10 8	23 45.02	− 4 7.2	1.751	2.711	7.3	17.5
10 18	23 37.31	− 4 34.5	1.803	2.701	11.2	17.7
10 28	23 31.76	− 4 47.5	1.879	2.691	14.6	17.9

162837 2001 CB_{30} 9 22.7 231.°64 1.°4/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.78	− 2 23.7	2.055	2.913	12.6	20.0
8 29	0 19.41	− 2 51.8	1.973	2.904	9.3	19.8
9 8	0 12.15	− 3 27.7	1.914	2.895	5.7	19.6
9 18	0 3.57	− 4 7.2	1.883	2.884	2.0	19.3
9 28	23 54.51	− 4 45.1	1.880	2.874	3.1	19.4
10 8	23 45.91	− 5 16.0	1.906	2.863	7.0	19.6
10 18	23 38.61	− 5 36.1	1.958	2.852	10.7	19.8
10 28	23 33.27	− 5 42.5	2.033	2.840	13.9	20.0

439596 2014 DL_{140} 9 22.7 154.°83 0.°4/22.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.55	+ 0 57.8	1.892	2.748	13.6	21.4
8 29	0 18.53	+ 0 32.4	1.821	2.750	10.1	21.2
9 8	0 11.60	− 0 3.9	1.773	2.752	6.2	20.9
9 18	0 3.38	− 0 46.9	1.752	2.754	1.9	20.6
9 28	23 54.76	− 1 31.3	1.758	2.755	2.5	20.7
10 8	23 46.70	− 2 11.3	1.792	2.757	6.7	21.0
10 18	23 40.06	− 2 41.9	1.853	2.758	10.5	21.2
10 28	23 35.47	− 2 59.6	1.936	2.759	13.8	21.4

314578 2005 YZ_{220} 9 22.7 215.°52 0.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.82	+ 3 21.1	2.559	3.394	11.1	20.7
8 29	0 17.60	+ 3 15.6	2.473	3.389	8.4	20.5
9 8	0 10.88	+ 3 1.3	2.413	3.384	5.3	20.3
9 18	0 3.13	+ 2 40.0	2.379	3.379	2.0	20.1
9 28	23 55.03	+ 2 14.9	2.375	3.374	1.7	20.0
10 8	23 47.29	+ 1 49.8	2.401	3.368	5.1	20.3
10 18	23 40.58	+ 1 28.2	2.455	3.362	8.2	20.5
10 28	23 35.43	+ 1 13.4	2.534	3.356	11.0	20.6

455407 2003 ER 9 22.7 108.°82 14.°5/ 8.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.13	− 6 56.6	0.699	1.611	23.9	21.2
8 29	0 29.14	−15 2.0	0.684	1.640	17.7	21.0
9 8	0 18.83	−22 59.7	0.698	1.667	14.5	20.9
9 18	0 5.74	−29 47.7	0.741	1.694	16.4	21.2
9 28	23 52.31	−34 48.1	0.810	1.718	20.7	21.5
10 8	23 41.02	−37 57.5	0.899	1.741	24.8	21.9
10 18	23 33.52	−39 33.7	1.002	1.762	28.1	22.3
10 28	23 30.49	−39 59.6	1.114	1.782	30.3	22.6

337327 2001 DS_{26} 9 22.7 243.°53 2.°1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.94	+ 6 3.6	1.977	2.808	14.1	21.0
8 29	0 21.17	+ 6 18.3	1.888	2.798	10.9	20.8
9 8	0 13.32	+ 6 20.6	1.823	2.789	7.3	20.6
9 18	0 3.98	+ 6 11.4	1.783	2.779	3.5	20.3
9 28	23 54.05	+ 5 53.8	1.772	2.769	2.6	20.2
10 8	23 44.55	+ 5 32.1	1.789	2.759	6.2	20.4
10 18	23 36.43	+ 5 11.0	1.833	2.748	10.1	20.7
10 28	23 30.44	+ 4 55.5	1.902	2.737	13.5	20.9

386654 2009 TH_3 9 22.7 311.°72 10.°2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.03	+28 42.9	1.441	2.195	21.9	20.2
8 29	0 14.04	+28 39.5	1.338	2.169	19.4	19.9
9 8	0 9.46	+27 54.8	1.251	2.144	16.4	19.6
9 18	0 2.85	+26 22.5	1.181	2.118	13.2	19.4
9 28	23 55.27	+24 1.7	1.133	2.093	10.7	19.1
10 8	23 48.13	+21 0.3	1.109	2.069	10.5	19.1
10 18	23 42.75	+17 34.1	1.110	2.045	13.1	19.1
10 28	23 40.17	+14 3.8	1.135	2.022	16.9	19.3

424520 2008 EX_{52} 9 22.7 87.°02 3.°7/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.36	− 6 8.0	1.523	2.402	15.1	21.0
8 29	0 20.73	− 7 13.5	1.482	2.424	11.0	20.8
9 8	0 12.92	− 8 24.4	1.463	2.445	6.8	20.6
9 18	0 3.78	− 9 32.7	1.470	2.467	3.8	20.5
9 28	23 54.43	−10 30.0	1.504	2.488	5.5	20.6
10 8	23 46.05	−11 9.9	1.564	2.509	9.4	20.9
10 18	23 39.51	−11 29.2	1.648	2.529	13.1	21.2
10 28	23 35.42	−11 27.7	1.753	2.549	16.1	21.4

356275 2010 AU_{92} 9 22.7 323.°39 1.°6/19.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.32	− 7 55.0	4.208	5.067	6.6	20.2
8 29	0 12.25	− 8 12.6	4.133	5.065	4.9	20.1
9 8	0 7.37	− 8 31.4	4.085	5.064	3.0	20.0
9 18	0 1.97	− 8 49.2	4.066	5.062	1.7	19.9
9 28	23 56.41	− 9 3.7	4.077	5.061	2.4	19.9
10 8	23 51.08	− 9 13.1	4.118	5.059	4.2	20.1
10 18	23 46.33	− 9 15.9	4.188	5.058	6.0	20.2
10 28	23 42.46	− 9 11.1	4.283	5.056	7.7	20.3

21351 Bhagwat 9 22.7 332.°50 5.°6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.33	+10 4.5	1.382	2.222	18.5	17.6
8 29	0 21.64	+11 11.9	1.299	2.207	15.0	17.3
9 8	0 14.10	+12 2.9	1.236	2.193	10.9	17.0
9 18	0 4.36	+12 34.9	1.194	2.180	7.1	16.8
9 28	23 53.61	+12 47.7	1.178	2.167	5.7	16.7
10 8	23 43.36	+12 45.0	1.186	2.156	8.6	16.8
10 18	23 35.01	+12 32.8	1.218	2.145	12.9	17.0
10 28	23 29.62	+12 19.1	1.270	2.136	17.0	17.3

256482 2007 DV_{101} 9 22.7 85.°59 0.°2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.17	+ 2 16.4	2.222	3.069	12.2	20.7
8 29	0 17.17	+ 1 57.4	2.159	3.082	9.1	20.5
9 8	0 10.61	+ 1 28.7	2.120	3.095	5.6	20.3
9 18	0 3.05	+ 0 53.5	2.107	3.108	1.9	20.1
9 28	23 55.23	+ 0 16.2	2.123	3.121	1.9	20.1
10 8	23 47.94	− 0 18.8	2.167	3.134	5.6	20.4
10 18	23 41.86	− 0 47.2	2.239	3.146	8.9	20.6
10 28	23 37.51	− 1 6.0	2.336	3.159	11.8	20.9

401115 2011 UP_{268} 9 22.7 315.°02 4.°9/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.93	−11 58.2	1.660	2.540	14.0	20.3
8 29	0 21.48	−12 20.6	1.583	2.523	10.6	20.1
9 8	0 13.64	−12 42.6	1.529	2.507	7.1	19.8
9 18	0 4.12	−12 57.8	1.499	2.490	4.9	19.7
9 28	23 53.97	−12 59.8	1.497	2.475	6.5	19.7
10 8	23 44.44	−12 44.4	1.520	2.459	10.1	19.9
10 18	23 36.59	−12 10.1	1.567	2.444	13.9	20.1
10 28	23 31.22	−11 17.4	1.635	2.430	17.2	20.3

12467 1997 AX_{17} 9 22.7 6.°06 2.°7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.77	− 3 8.4	1.146	2.036	18.1	17.7
8 29	0 21.22	− 3 46.6	1.088	2.036	13.5	17.4
9 8	0 13.72	− 4 36.7	1.050	2.036	8.2	17.1
9 18	0 4.16	− 5 31.0	1.035	2.036	3.2	16.8
9 28	23 53.99	− 6 19.7	1.043	2.037	5.1	17.0
10 8	23 44.78	− 6 53.9	1.076	2.038	10.4	17.3
10 18	23 37.84	− 7 8.0	1.130	2.039	15.4	17.6
10 28	23 34.03	− 6 59.8	1.203	2.041	19.6	17.8

412399 2014 BL_{29} 9 22.7 134.°00 3.°1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.65	+ 9 54.4	2.064	2.878	14.2	20.8
8 29	0 20.72	+10 8.3	1.991	2.887	11.2	20.6
9 8	0 12.91	+10 7.2	1.941	2.896	7.8	20.4
9 18	0 3.83	+ 9 52.0	1.916	2.904	4.4	20.2
9 28	23 54.36	+ 9 25.4	1.919	2.912	3.3	20.2
10 8	23 45.44	+ 8 52.1	1.951	2.920	5.9	20.3
10 18	23 37.92	+ 8 17.4	2.011	2.927	9.2	20.6
10 28	23 32.42	+ 7 46.6	2.095	2.934	12.3	20.8

23123 2000 AU_{57} 9 22.7 286.°60 1.°4/25.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.30	+ 8 54.6	4.474	5.279	7.2	18.7
8 29	0 10.78	+ 8 47.9	4.382	5.274	5.6	18.6
9 8	0 6.50	+ 8 34.0	4.315	5.270	3.9	18.4
9 18	0 1.72	+ 8 13.9	4.276	5.266	2.1	18.3
9 28	23 56.76	+ 7 49.3	4.267	5.261	1.5	18.3
10 8	23 51.97	+ 7 22.2	4.288	5.257	2.9	18.4
10 18	23 47.69	+ 6 54.9	4.339	5.253	4.8	18.5
10 28	23 44.22	+ 6 29.6	4.416	5.249	6.5	18.6

476580 2008 RZ_{88} 9 22.7 275.°94 3.°0/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.39	+10 19.6	1.833	2.659	15.2	21.6
8 29	0 18.07	+10 7.5	1.733	2.637	12.1	21.3
9 8	0 11.60	+ 9 36.0	1.654	2.615	8.4	21.1
9 18	0 3.50	+ 8 46.1	1.600	2.592	4.6	20.8
9 28	23 54.66	+ 7 41.7	1.573	2.569	3.2	20.7
10 8	23 46.15	+ 6 29.7	1.573	2.545	6.6	20.8
10 18	23 38.98	+ 5 18.1	1.600	2.522	10.8	21.0
10 28	23 33.99	+ 4 14.5	1.650	2.498	14.6	21.2

312773 2010 UW_{82} 9 22.7 174.°95 3.°6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.77	+22 54.5	4.711	5.424	8.2	20.9
8 29	0 10.41	+22 50.6	4.616	5.424	6.9	20.8
9 8	0 6.28	+22 35.4	4.543	5.425	5.6	20.7
9 18	0 1.65	+22 9.1	4.494	5.425	4.4	20.6
9 28	23 56.85	+21 32.9	4.474	5.425	3.7	20.6
10 8	23 52.23	+20 48.6	4.482	5.425	3.8	20.6
10 18	23 48.13	+19 58.9	4.520	5.426	4.8	20.7
10 28	23 44.85	+19 6.7	4.584	5.426	6.1	20.8

167749 2004 XW_{56} 9 22.7 313.°69 5.°9/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.33	− 9 40.0	1.167	2.067	17.2	18.9
8 29	0 20.36	−10 36.2	1.099	2.050	12.9	18.6
9 8	0 13.36	−11 37.9	1.051	2.035	8.6	18.3
9 18	0 4.12	−12 35.2	1.026	2.020	5.9	18.1
9 28	23 54.02	−13 16.6	1.024	2.005	8.1	18.2
10 8	23 44.70	−13 33.8	1.045	1.991	12.7	18.4
10 18	23 37.57	−13 22.7	1.086	1.978	17.4	18.7
10 28	23 33.61	−12 43.9	1.145	1.965	21.5	18.9

366089 2012 CF_{46} 9 22.7 35.°95 2.°5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.37	− 4 9.3	2.092	2.966	11.8	20.5
8 29	0 14.53	− 5 16.4	2.029	2.970	8.6	20.3
9 8	0 9.09	− 6 30.6	1.991	2.974	5.2	20.1
9 18	0 2.60	− 7 46.0	1.980	2.978	2.6	19.9
9 28	23 55.81	− 8 55.8	1.996	2.983	4.1	20.0
10 8	23 49.51	− 9 54.0	2.041	2.988	7.4	20.3
10 18	23 44.40	−10 36.6	2.111	2.993	10.6	20.5
10 28	23 41.00	−11 1.1	2.204	2.998	13.3	20.7

325024 2008 CP_{33} 9 22.7 87.°81 1.°3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.64	− 0 21.6	1.503	2.370	15.9	21.1
8 29	0 21.02	− 1 5.6	1.456	2.391	11.7	20.9
9 8	0 13.16	− 2 1.0	1.430	2.412	7.0	20.7
9 18	0 3.91	− 3 1.5	1.430	2.432	2.2	20.5
9 28	23 54.42	− 3 59.4	1.457	2.452	3.5	20.6
10 8	23 45.86	− 4 47.3	1.510	2.472	8.0	20.9
10 18	23 39.16	− 5 20.1	1.589	2.492	12.2	21.2
10 28	23 34.94	− 5 35.3	1.689	2.511	15.6	21.5

340180 2005 YQ_{188} 9 22.7 35.°04 2.°9/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.16	− 3 51.7	1.346	2.234	16.1	20.4
8 29	0 18.01	− 4 44.7	1.297	2.244	11.8	20.1
9 8	0 11.48	− 5 47.1	1.269	2.254	7.1	19.9
9 18	0 3.40	− 6 51.0	1.264	2.265	3.2	19.7
9 28	23 54.97	− 7 47.3	1.286	2.276	5.0	19.9
10 8	23 47.42	− 8 28.5	1.332	2.288	9.4	20.1
10 18	23 41.75	− 8 49.9	1.401	2.301	13.7	20.4
10 28	23 38.62	− 8 49.9	1.490	2.314	17.2	20.7

246678 2008 YY_{152} 9 22.7 313.°79 0.°8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 20.32	+ 1 7.9	1.628	2.498	14.7	21.2
8 29	0 16.54	+ 0 24.8	1.551	2.488	11.0	20.9
9 8	0 10.62	− 0 32.6	1.496	2.478	6.7	20.7
9 18	0 3.17	− 1 39.0	1.466	2.468	2.1	20.3
9 28	23 55.16	− 2 47.1	1.462	2.459	3.1	20.4
10 8	23 47.69	− 3 48.9	1.485	2.450	7.8	20.7
10 18	23 41.71	− 4 37.4	1.532	2.441	12.1	20.9
10 28	23 37.98	− 5 8.2	1.601	2.433	15.8	21.1

299650 2006 KG_{97} 9 22.7 68.°58 6.°5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.04	+20 38.5	1.818	2.593	17.3	20.4
8 29	0 17.58	+20 46.9	1.751	2.607	14.4	20.2
9 8	0 11.11	+20 29.7	1.704	2.621	11.3	20.0
9 18	0 3.29	+19 46.6	1.678	2.636	8.3	19.9
9 28	23 55.09	+18 40.6	1.678	2.651	6.6	19.8
10 8	23 47.54	+17 18.5	1.705	2.665	7.4	19.9
10 18	23 41.51	+15 49.1	1.757	2.680	9.9	20.1
10 28	23 37.67	+14 21.3	1.834	2.695	12.8	20.3

477020 2008 YC_{162} 9 22.7 283.°62 3.°0/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 21.93	− 4 48.4	1.767	2.643	13.5	21.8
8 29	0 17.68	− 5 45.4	1.683	2.624	10.0	21.6
9 8	0 11.31	− 6 51.3	1.622	2.605	6.2	21.3
9 18	0 3.42	− 8 0.0	1.587	2.586	3.1	21.1
9 28	23 54.90	− 9 3.5	1.580	2.567	4.9	21.2
10 8	23 46.81	− 9 54.5	1.598	2.548	8.9	21.3
10 18	23 40.14	−10 27.7	1.642	2.528	12.8	21.5
10 28	23 35.65	−10 40.2	1.707	2.509	16.3	21.7

174139 2002 NH_{41} 9 22.7 356.°99 7.°0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 22.88	+11 57.4	1.202	2.050	20.2	18.8
8 29	0 19.24	+13 18.6	1.134	2.044	16.6	18.5
9 8	0 12.68	+14 19.3	1.084	2.039	12.5	18.3
9 18	0 3.93	+14 55.8	1.055	2.035	8.6	18.0
9 28	23 54.32	+15 7.7	1.048	2.034	7.0	18.0
10 8	23 45.40	+14 59.4	1.064	2.034	9.4	18.1
10 18	23 38.60	+14 38.6	1.102	2.036	13.3	18.3
10 28	23 34.89	+14 14.5	1.161	2.040	17.3	18.6

360185 2013 CP_{177} 9 22.7 301.°37 1.°2/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 13.48	− 4 18.3	4.153	5.011	6.7	20.8
8 29	0 10.24	− 4 55.4	4.072	5.004	4.9	20.7
9 8	0 6.21	− 5 35.7	4.017	4.998	3.0	20.5
9 18	0 1.66	− 6 16.9	3.992	4.991	1.3	20.4
9 28	23 56.94	− 6 56.2	3.996	4.985	2.1	20.4
10 8	23 52.41	− 7 31.1	4.030	4.979	4.0	20.6
10 18	23 48.41	− 7 59.5	4.093	4.972	6.0	20.7
10 28	23 45.26	− 8 19.7	4.181	4.966	7.7	20.8

516298 2016 WP_{53} 9 22.7 3.°29 9.°4/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 24.90	−20 45.2	1.386	2.278	15.5	20.0
8 29	0 20.15	−21 45.3	1.341	2.277	12.5	19.9
9 8	0 12.84	−22 35.7	1.316	2.277	10.1	19.7
9 18	0 3.87	−23 6.7	1.314	2.278	9.4	19.7
9 28	23 54.53	−23 10.3	1.336	2.280	11.0	19.8
10 8	23 46.18	−22 43.5	1.380	2.283	13.8	20.0
10 18	23 39.88	−21 47.9	1.445	2.287	16.9	20.2
10 28	23 36.30	−20 27.7	1.527	2.291	19.5	20.4

437280 2013 AV_{14} 9 22.7 176.°57 2.°9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 15.27	+18 8.9	4.850	5.593	7.6	21.3
8 29	0 11.48	+18 16.4	4.756	5.594	6.3	21.2
9 8	0 6.94	+18 14.7	4.686	5.594	4.9	21.1
9 18	0 1.90	+18 4.0	4.642	5.594	3.6	21.0
9 28	23 56.68	+17 45.4	4.627	5.595	2.9	21.0
10 8	23 51.64	+17 20.4	4.642	5.595	3.4	21.0
10 18	23 47.08	+16 51.2	4.685	5.595	4.6	21.1
10 28	23 43.30	+16 20.4	4.757	5.595	5.9	21.2

166571 2002 RF_{120} 9 22.7 55.°10 4.°0/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.76	− 7 35.5	1.611	2.495	14.1	19.6
8 29	0 18.11	− 8 36.4	1.564	2.508	10.4	19.4
9 8	0 11.39	− 9 41.6	1.539	2.521	6.5	19.2
9 18	0 3.38	−10 43.4	1.539	2.535	4.0	19.1
9 28	23 55.09	−11 34.1	1.566	2.548	5.8	19.3
10 8	23 47.58	−12 7.7	1.619	2.562	9.3	19.5
10 18	23 41.73	−12 21.4	1.696	2.576	12.8	19.8
10 28	23 38.12	−12 14.6	1.794	2.590	15.8	20.0

72962 2002 CN_{112} 9 22.7 95.°26 2.°5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 28.11	− 3 39.5	1.433	2.308	16.1	19.7
8 29	0 22.26	− 4 22.8	1.385	2.324	11.8	19.5
9 8	0 14.00	− 5 14.5	1.358	2.341	7.1	19.2
9 18	0 4.22	− 6 7.8	1.356	2.357	2.9	19.0
9 28	23 54.16	− 6 54.5	1.381	2.373	4.5	19.2
10 8	23 45.08	− 7 27.9	1.433	2.389	9.0	19.5
10 18	23 37.99	− 7 44.0	1.508	2.404	13.1	19.8
10 28	23 33.53	− 7 41.4	1.604	2.419	16.6	20.0

509158 2006 DA_{43} 9 22.7 49.°79 1.°9/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.28	+ 5 10.4	1.569	2.418	16.2	21.1
8 29	0 20.92	+ 5 22.2	1.505	2.426	12.5	20.9
9 8	0 13.25	+ 5 19.3	1.462	2.433	8.1	20.6
9 18	0 4.02	+ 5 3.7	1.443	2.441	3.6	20.4
9 28	23 54.33	+ 4 39.7	1.451	2.450	2.7	20.3
10 8	23 45.39	+ 4 13.2	1.486	2.458	7.0	20.6
10 18	23 38.21	+ 3 49.8	1.546	2.466	11.2	20.9
10 28	23 33.51	+ 3 34.7	1.629	2.475	14.9	21.2

52042 2002 PH_{63} 9 22.7 273.°83 5.°4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 25.66	+14 41.7	1.900	2.698	15.8	19.4
8 29	0 20.41	+15 19.6	1.813	2.691	13.0	19.2
9 8	0 12.99	+15 39.3	1.747	2.684	9.8	19.0
9 18	0 3.98	+15 39.3	1.704	2.677	6.8	18.8
9 28	23 54.31	+15 20.9	1.689	2.670	5.4	18.7
10 8	23 45.08	+14 48.1	1.700	2.663	7.1	18.8
10 18	23 37.28	+14 7.1	1.737	2.656	10.3	19.0
10 28	23 31.70	+13 25.0	1.798	2.649	13.5	19.2

503913 2002 JD_{58} 9 22.7 110.°20 1.°2/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.36	+ 6 9.2	1.583	2.429	16.3	22.0
8 29	0 20.84	+ 5 36.5	1.526	2.446	12.4	21.8
9 8	0 13.11	+ 4 46.2	1.490	2.463	7.9	21.6
9 18	0 3.95	+ 3 42.7	1.480	2.479	3.1	21.3
9 28	23 54.46	+ 2 32.9	1.496	2.495	2.4	21.3
10 8	23 45.80	+ 1 25.1	1.540	2.510	7.0	21.7
10 18	23 38.91	+ 0 26.7	1.610	2.525	11.2	21.9
10 28	23 34.44	− 0 17.2	1.702	2.539	14.8	22.2

60210 1999 VN_{76} 9 22.7 120.°52 1.°9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.31	− 2 4.2	1.692	2.557	14.5	19.7
8 29	0 20.66	− 2 55.4	1.637	2.572	10.7	19.5
9 8	0 12.94	− 3 56.1	1.605	2.587	6.4	19.3
9 18	0 3.89	− 4 59.8	1.599	2.601	2.4	19.1
9 28	23 54.54	− 5 59.3	1.622	2.614	3.8	19.2
10 8	23 45.97	− 6 47.7	1.671	2.627	8.0	19.5
10 18	23 39.07	− 7 20.6	1.746	2.639	11.8	19.7
10 28	23 34.45	− 7 35.5	1.843	2.651	15.0	20.0

256730 2008 AG_{116} 9 22.7 55.°55 1.°2/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 21.34	− 0 43.8	1.853	2.719	13.4	20.4
8 29	0 16.82	− 1 24.8	1.800	2.735	9.9	20.2
9 8	0 10.52	− 2 15.2	1.769	2.751	5.9	20.0
9 18	0 3.10	− 3 9.9	1.764	2.767	1.9	19.8
9 28	23 55.42	− 4 2.6	1.788	2.783	3.0	19.9
10 8	23 48.39	− 4 47.4	1.838	2.799	6.9	20.2
10 18	23 42.78	− 5 19.9	1.914	2.816	10.5	20.4
10 28	23 39.12	− 5 37.4	2.013	2.832	13.5	20.7

332291 2006 TS_{84} 9 22.7 127.°69 1.°0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 28.37	− 1 9.2	1.562	2.426	15.6	20.8
8 29	0 22.47	− 1 24.0	1.498	2.432	11.6	20.6
9 8	0 14.19	− 1 48.7	1.457	2.437	7.1	20.4
9 18	0 4.33	− 2 18.6	1.440	2.443	2.2	20.1
9 28	23 54.02	− 2 48.0	1.451	2.448	3.2	20.2
10 8	23 44.50	− 3 10.7	1.489	2.453	7.9	20.5
10 18	23 36.80	− 3 22.4	1.552	2.458	12.2	20.7
10 28	23 31.66	− 3 20.1	1.637	2.462	15.8	21.0

412401 2014 BX_{37} 9 22.7 109.°84 12.°1/28.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.86	+19 53.9	1.121	1.917	24.6	20.6
8 29	0 31.76	+22 2.6	1.061	1.925	21.1	20.4
9 8	0 20.70	+23 43.1	1.017	1.933	17.2	20.2
9 18	0 6.63	+24 45.9	0.993	1.942	13.7	20.0
9 28	23 51.35	+25 5.7	0.991	1.949	12.1	20.0
10 8	23 37.12	+24 46.4	1.011	1.957	13.2	20.1
10 18	23 25.85	+23 59.0	1.054	1.964	16.2	20.3
10 28	23 18.76	+22 58.9	1.115	1.971	19.6	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
314521	2005 YH_6		9 22.7	221.°49	5.°0/16.9	18
	h m	° ′			°	m
8 19	0 21.58	−13 49.9	2.228	3.105	11.0	21.0
8 29	0 16.87	−14 50.2	2.167	3.103	8.4	20.8
9 8	0 10.52	−15 49.5	2.131	3.102	6.0	20.7
9 18	0 3.11	−16 41.9	2.122	3.101	5.0	20.6
9 28	23 55.38	−17 21.4	2.140	3.100	6.4	20.7
10 8	23 48.16	−17 43.9	2.185	3.099	8.9	20.9
10 18	23 42.16	−17 47.7	2.255	3.097	11.6	21.0
10 28	23 37.91	−17 32.7	2.346	3.096	13.9	21.2
274401	2008 RW_{124}		9 22.7	318.°87	0.°7/21.4	18
8 19	0 14.28	− 2 12.7	4.272	5.122	6.7	20.3
8 29	0 10.80	− 2 35.1	4.191	5.119	4.9	20.2
9 8	0 6.54	− 3 1.1	4.137	5.116	3.0	20.0
9 18	0 1.79	− 3 28.7	4.112	5.113	1.0	19.9
9 28	23 56.86	− 3 55.6	4.116	5.111	1.6	19.9
10 8	23 52.14	− 4 19.7	4.151	5.108	3.6	20.1
10 18	23 47.95	− 4 39.0	4.215	5.105	5.5	20.2
10 28	23 44.58	− 4 51.9	4.304	5.102	7.2	20.3
40394	1999 NX_{53}		9 22.7	56.°10	3.°4/26.4	18
8 19	0 19.42	+13 58.5	1.614	2.437	17.0	19.0
8 29	0 15.80	+13 12.2	1.546	2.446	13.5	18.8
9 8	0 10.10	+11 59.7	1.498	2.454	9.5	18.6
9 18	0 3.00	+10 24.5	1.474	2.463	5.4	18.3
9 28	23 55.51	+ 8 33.7	1.476	2.471	3.5	18.2
10 8	23 48.68	+ 6 37.8	1.506	2.480	6.6	18.5
10 18	23 43.41	+ 4 47.4	1.562	2.489	10.6	18.7
10 28	23 40.36	+ 3 11.4	1.642	2.499	14.2	19.0
434634	2005 WE_{54}		9 22.7	152.°41	7.°4/14.6	17
8 19	0 24.69	−18 35.4	1.914	2.791	12.5	21.2
8 29	0 19.40	−20 6.7	1.867	2.797	9.9	21.0
9 8	0 12.16	−21 32.9	1.844	2.802	7.9	20.9
9 18	0 3.66	−22 45.3	1.848	2.807	7.5	20.9
9 28	23 54.85	−23 36.5	1.878	2.812	9.1	21.0
10 8	23 46.72	−24 2.4	1.933	2.816	11.5	21.2
10 18	23 40.12	−24 2.0	2.010	2.819	14.0	21.4
10 28	23 35.65	−23 37.4	2.107	2.823	16.2	21.5
435693	2008 TQ_{122}		9 22.7	71.°25	3.°0/25.9	16
8 19	0 19.98	+12 40.6	1.664	2.490	16.5	21.1
8 29	0 16.17	+11 54.0	1.594	2.498	13.0	20.9
9 8	0 10.32	+10 43.1	1.545	2.505	9.0	20.6
9 18	0 3.10	+ 9 11.3	1.521	2.512	4.8	20.4
9 28	23 55.47	+ 7 25.6	1.523	2.519	3.1	20.3
10 8	23 48.48	+ 5 36.1	1.553	2.527	6.5	20.6
10 18	23 43.01	+ 3 52.6	1.609	2.534	10.5	20.8
10 28	23 39.72	+ 2 23.5	1.689	2.541	14.1	21.1
96429	1998 FN_{52}		9 22.7	141.°95	0.°7/21.9	18
8 19	0 25.46	− 0 5.8	2.186	3.035	12.3	20.1
8 29	0 19.67	− 0 36.8	2.121	3.047	9.1	20.0
9 8	0 12.21	− 1 16.2	2.080	3.058	5.5	19.8
9 18	0 3.67	− 2 0.4	2.067	3.069	1.7	19.5
9 28	23 54.85	− 2 44.2	2.083	3.079	2.5	19.6
10 8	23 46.60	− 3 22.7	2.128	3.089	6.2	19.9
10 18	23 39.64	− 3 51.9	2.201	3.098	9.5	20.1
10 28	23 34.53	− 4 9.1	2.298	3.106	12.4	20.3
9657	Učka		9 22.7	84.°29	0.°2/22.4	18
8 19	0 21.11	+ 1 36.0	2.277	3.126	11.8	17.8
8 29	0 16.37	+ 1 1.9	2.218	3.144	8.8	17.6
9 8	0 10.16	+ 0 18.5	2.184	3.161	5.3	17.4
9 18	0 3.00	− 0 30.5	2.176	3.178	1.7	17.2
9 28	23 55.63	− 1 20.2	2.198	3.195	2.1	17.3
10 8	23 48.79	− 2 5.6	2.248	3.212	5.6	17.5
10 18	23 43.11	− 2 42.8	2.325	3.229	8.8	17.8
10 28	23 39.08	− 3 8.5	2.427	3.245	11.5	18.0
337251	2000 RA_{105}		9 22.7	351.°85	7.°9/28.7	17
8 19	0 12.31	+15 43.9	1.001	1.862	22.4	19.3
8 29	0 11.68	+16 29.1	0.933	1.848	18.7	19.0
9 8	0 8.21	+16 41.9	0.881	1.836	14.5	18.8
9 18	0 2.57	+16 19.1	0.847	1.827	10.2	18.5
9 28	23 56.03	+15 22.7	0.832	1.820	7.9	18.4
10 8	23 50.19	+14 2.2	0.838	1.815	9.7	18.4
10 18	23 46.46	+12 31.2	0.864	1.813	13.9	18.7
10 28	23 45.87	+11 4.6	0.909	1.813	18.4	18.9
355623	2008 DS_{66}		9 22.7	113.°16	4.°7/16.7	18
8 19	0 20.61	−12 4.4	2.286	3.163	10.8	20.6
8 29	0 16.05	−13 28.5	2.237	3.175	8.1	20.4
9 8	0 9.98	−14 52.7	2.214	3.187	5.6	20.3
9 18	0 2.96	−16 10.5	2.218	3.199	4.7	20.3
9 28	23 55.70	−17 15.4	2.250	3.210	6.1	20.4
10 8	23 48.96	−18 2.9	2.310	3.221	8.6	20.5
10 18	23 43.39	−18 30.7	2.395	3.232	11.1	20.7
10 28	23 39.49	−18 38.6	2.501	3.243	13.3	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
60339	2000 AP_{62}		9 22.7	29.°99	8.°0/13.9	18
	h m	° ′			°	m
8 19	0 20.48	−17 14.2	1.654	2.546	13.4	18.6
8 29	0 16.56	−19 8.1	1.610	2.549	10.5	18.4
9 8	0 10.56	−20 58.0	1.590	2.553	8.4	18.3
9 18	0 3.18	−22 33.4	1.595	2.557	8.2	18.3
9 28	23 55.44	−23 44.9	1.625	2.561	10.0	18.4
10 8	23 48.41	−24 27.1	1.678	2.566	12.7	18.6
10 18	23 42.97	−24 38.8	1.753	2.570	15.4	18.8
10 28	23 39.76	−24 21.8	1.846	2.575	17.8	19.0
225219	2008 RO_{126}		9 22.7	320.°44	1.°1/24.9	16
8 19	0 13.82	+ 7 27.7	4.050	4.866	7.7	20.4
8 29	0 10.55	+ 7 9.6	3.958	4.860	5.9	20.3
9 8	0 6.45	+ 6 43.8	3.892	4.854	4.0	20.1
9 18	0 1.80	+ 6 11.6	3.853	4.847	1.9	20.0
9 28	23 56.96	+ 5 35.3	3.844	4.841	1.3	19.9
10 8	23 52.31	+ 4 57.4	3.865	4.835	3.2	20.1
10 18	23 48.21	+ 4 20.5	3.915	4.829	5.2	20.2
10 28	23 44.98	+ 3 47.2	3.992	4.823	7.1	20.3
159509	2000 XX_{21}		9 22.7	197.°94	7.°8/30.8	18
8 19	0 24.36	+23 1.5	1.937	2.687	17.1	19.9
8 29	0 19.48	+23 37.1	1.853	2.686	14.7	19.7
9 8	0 12.45	+23 48.5	1.788	2.685	12.0	19.5
9 18	0 3.86	+23 33.2	1.744	2.684	9.4	19.4
9 28	23 54.65	+22 51.7	1.726	2.682	7.9	19.3
10 8	23 45.92	+21 48.6	1.733	2.681	8.4	19.3
10 18	23 38.66	+20 31.3	1.766	2.679	10.5	19.4
10 28	23 33.64	+19 9.2	1.823	2.677	13.2	19.6
436443	2011 CR_{27}		9 22.7	179.°86	1.°2/21.6	17
8 19	0 25.25	− 0 40.1	1.842	2.701	13.8	22.2
8 29	0 19.92	− 1 20.9	1.771	2.702	10.2	22.0
9 8	0 12.57	− 2 12.1	1.723	2.703	6.2	21.7
9 18	0 3.86	− 3 8.8	1.702	2.704	2.0	21.5
9 28	23 54.71	− 4 4.5	1.708	2.703	3.1	21.5
10 8	23 46.14	− 4 52.6	1.743	2.703	7.3	21.8
10 18	23 39.06	− 5 28.2	1.804	2.701	11.2	22.0
10 28	23 34.12	− 5 47.9	1.887	2.700	14.5	22.3
398408	2011 SR_{230}		9 22.7	339.°43	0.°4/23.1	18
8 19	0 20.10	+ 4 24.9	1.806	2.660	14.2	21.1
8 29	0 16.15	+ 3 42.1	1.732	2.659	10.7	20.9
9 8	0 10.29	+ 2 43.7	1.681	2.657	6.7	20.7
9 18	0 3.12	+ 1 34.2	1.655	2.656	2.3	20.4
9 28	23 55.51	+ 0 20.1	1.656	2.655	2.3	20.4
10 8	23 48.43	− 0 51.0	1.685	2.654	6.6	20.7
10 18	23 42.72	− 1 52.2	1.740	2.653	10.7	20.9
10 28	23 39.04	− 2 38.5	1.817	2.652	14.1	21.1
82999	2001 QZ_{158}		9 22.7	39.°67	0.°8/23.3	18
8 19	0 24.49	+ 3 28.0	1.215	2.088	18.5	18.8
8 29	0 19.96	+ 3 17.3	1.167	2.103	13.9	18.5
9 8	0 12.80	+ 2 49.4	1.139	2.118	8.7	18.3
9 18	0 3.94	+ 2 8.9	1.133	2.134	3.1	18.0
9 28	23 54.69	+ 1 23.1	1.151	2.151	2.8	18.1
10 8	23 46.47	+ 0 40.5	1.195	2.168	8.1	18.4
10 18	23 40.38	+ 0 8.1	1.261	2.185	12.9	18.8
10 28	23 37.09	− 0 9.2	1.349	2.203	16.9	19.1
195334	2002 EG_{135}		9 22.7	236.°84	0.°1/22.6	18
8 19	0 21.39	+ 3 35.7	1.919	2.771	13.6	20.9
8 29	0 17.08	+ 2 41.7	1.836	2.762	10.3	20.7
9 8	0 10.88	+ 1 32.5	1.775	2.753	6.4	20.4
9 18	0 3.33	+ 0 12.6	1.741	2.743	2.0	20.1
9 28	23 55.28	− 1 11.2	1.736	2.733	2.4	20.1
10 8	23 47.68	− 2 31.0	1.758	2.723	6.8	20.4
10 18	23 41.38	− 3 39.9	1.807	2.713	10.8	20.6
10 28	23 37.06	− 4 32.7	1.879	2.702	14.2	20.8
233400	2006 FK_{37}		9 22.7	46.°65	0.°4/22.9	18
8 19	0 28.83	+ 0 42.4	1.461	2.323	16.5	19.0
8 29	0 22.79	+ 0 57.7	1.410	2.341	12.4	18.8
9 8	0 14.36	+ 1 2.2	1.380	2.359	7.7	18.6
9 18	0 4.42	+ 0 58.8	1.376	2.377	2.6	18.4
9 28	23 54.18	+ 0 52.0	1.397	2.396	2.6	18.4
10 8	23 44.90	+ 0 46.8	1.446	2.415	7.4	18.8
10 18	23 37.59	+ 0 47.4	1.519	2.435	11.7	19.1
10 28	23 32.91	+ 0 57.2	1.614	2.454	15.3	19.3
121798	2000 AS_{158}		9 22.7	174.°10	4.°4/17.2	18
8 19	0 20.83	−12 52.7	2.429	3.303	10.3	19.9
8 29	0 16.21	−13 51.8	2.368	3.304	7.8	19.7
9 8	0 10.10	−14 50.6	2.332	3.305	5.4	19.6
9 18	0 3.03	−15 43.6	2.323	3.305	4.4	19.5
9 28	23 55.68	−16 25.5	2.343	3.305	5.7	19.6
10 8	23 48.78	−16 52.5	2.390	3.306	8.2	19.8
10 18	23 42.98	−17 2.4	2.462	3.306	10.7	19.9
10 28	23 38.79	−16 54.9	2.556	3.306	12.9	20.1

36747 2000 RK_{65} 9 22.7 150.°55 1.°0/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.95	+ 1 14.6	1.842	2.702	13.7	19.2
8 29	0 17.44	+ 0 12.8	1.775	2.707	10.2	19.0
9 8	0 11.03	− 1 1.9	1.730	2.711	6.1	18.7
9 18	0 3.36	− 2 23.9	1.713	2.715	1.9	18.5
9 28	23 55.31	− 3 45.6	1.723	2.718	3.0	18.6
10 8	23 47.83	− 4 59.3	1.761	2.722	7.2	18.8
10 18	23 41.75	− 5 58.9	1.825	2.725	11.0	19.1
10 28	23 37.71	− 6 40.5	1.912	2.727	14.3	19.3

312710 2010 PE_{65} 9 22.7 81.°01 0.°1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.97	+ 2 19.8	2.005	2.858	13.1	21.1
8 29	0 17.30	+ 1 53.9	1.937	2.864	9.8	20.9
9 8	0 10.88	+ 1 16.8	1.893	2.870	6.1	20.6
9 18	0 3.30	+ 0 32.3	1.874	2.876	2.0	20.4
9 28	23 55.38	− 0 14.8	1.883	2.882	2.2	20.4
10 8	23 48.00	− 0 58.6	1.921	2.888	6.1	20.7
10 18	23 41.92	− 1 34.3	1.985	2.894	9.8	20.9
10 28	23 37.73	− 1 58.4	2.073	2.900	12.9	21.2

93964 2000 XL_2 9 22.7 343.°60 7.°5/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.12	−10 38.5	0.967	1.892	17.5	18.2
8 29	0 12.33	−11 59.9	0.905	1.869	13.3	17.9
9 8	0 8.63	−13 28.5	0.861	1.848	9.2	17.6
9 18	0 2.73	−14 51.4	0.838	1.829	7.6	17.5
9 28	23 55.96	−15 53.8	0.835	1.813	10.2	17.6
10 8	23 49.95	−16 24.1	0.852	1.798	14.8	17.8
10 18	23 46.08	−16 17.6	0.886	1.787	19.5	18.0
10 28	23 45.34	−15 34.5	0.936	1.778	23.6	18.2

7758 Poulanderson 9 22.7 79.°72 5.°2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.78	+20 33.6	1.532	2.322	19.3	17.9
8 29	0 17.60	+19 28.0	1.471	2.343	15.8	17.7
9 8	0 11.21	+17 48.5	1.429	2.364	11.7	17.6
9 18	0 3.41	+15 38.3	1.410	2.385	7.6	17.4
9 28	23 55.33	+13 6.2	1.417	2.405	5.2	17.3
10 8	23 48.10	+10 25.6	1.453	2.426	7.0	17.5
10 18	23 42.64	+ 7 50.4	1.516	2.446	10.7	17.7
10 28	23 39.56	+ 5 32.4	1.604	2.465	14.3	18.0

157744 2006 BX_{237} 9 22.7 73.°22 0.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.61	+ 2 4.5	2.249	3.097	12.0	20.1
8 29	0 16.81	+ 1 44.7	2.186	3.109	9.0	20.0
9 8	0 10.48	+ 1 15.5	2.146	3.122	5.5	19.8
9 18	0 3.16	+ 0 40.0	2.133	3.134	1.8	19.6
9 28	23 55.58	+ 0 2.5	2.149	3.147	1.9	19.6
10 8	23 48.51	− 0 32.5	2.193	3.159	5.5	19.9
10 18	23 42.62	− 1 0.8	2.264	3.172	8.8	20.1
10 28	23 38.42	− 1 19.4	2.360	3.184	11.6	20.3

308937 2006 SN_{393} 9 22.7 118.°71 4.°5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.91	− 9 0.2	1.610	2.489	14.4	20.7
8 29	0 21.27	− 9 58.8	1.558	2.499	10.7	20.5
9 8	0 13.41	−11 0.5	1.529	2.509	6.9	20.3
9 18	0 4.13	−11 57.4	1.526	2.518	4.5	20.2
9 28	23 54.53	−12 41.9	1.549	2.528	6.2	20.3
10 8	23 45.76	−13 8.1	1.599	2.537	9.8	20.6
10 18	23 38.76	−13 13.6	1.672	2.545	13.4	20.8
10 28	23 34.17	−12 58.4	1.767	2.554	16.4	21.1

328651 2009 SY_{241} 9 22.7 4.°71 5.°1/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.68	− 8 52.0	0.840	1.762	19.7	18.8
8 29	0 17.30	− 9 7.0	0.798	1.761	14.7	18.6
9 8	0 11.60	− 9 25.3	0.772	1.761	9.4	18.3
9 18	0 3.64	− 9 37.7	0.765	1.764	5.3	18.1
9 28	23 55.10	− 9 35.2	0.779	1.770	7.3	18.2
10 8	23 47.79	− 9 11.7	0.813	1.778	12.4	18.5
10 18	23 43.07	− 8 25.9	0.866	1.788	17.4	18.9
10 28	23 41.75	− 7 19.4	0.936	1.801	21.7	19.2

124822 2001 SQ_{308} 9 22.7 282.°96 1.°2/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.99	+ 4 33.4	1.281	2.146	18.2	20.5
8 29	0 21.31	+ 4 21.1	1.214	2.144	14.0	20.3
9 8	0 13.83	+ 3 50.0	1.166	2.143	8.9	20.0
9 18	0 4.37	+ 3 3.8	1.140	2.141	3.4	19.7
9 28	23 54.21	+ 2 9.4	1.140	2.139	2.8	19.6
10 8	23 44.84	+ 1 15.8	1.165	2.137	8.3	20.0
10 18	23 37.52	+ 0 31.3	1.213	2.135	13.4	20.2
10 28	23 33.14	+ 0 2.3	1.282	2.134	17.8	20.5

521841 2015 TQ_{371} 9 22.7 157.°86 2.°7/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.54	− 7 43.7	2.421	3.287	10.7	21.7
8 29	0 17.45	− 8 16.0	2.353	3.288	7.9	21.5
9 8	0 10.86	− 8 50.8	2.311	3.290	4.9	21.3
9 18	0 3.29	− 9 24.0	2.295	3.291	2.8	21.2
9 28	23 55.44	− 9 51.0	2.309	3.293	4.0	21.3
10 8	23 48.05	−10 8.2	2.352	3.294	6.8	21.5
10 18	23 41.77	−10 13.2	2.420	3.295	9.7	21.6
10 28	23 37.12	−10 4.9	2.513	3.296	12.2	21.8

278492 2007 VA_{238} 9 22.7 194.°56 5.°0/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.90	− 9 1.2	1.439	2.324	15.5	20.3
8 29	0 21.64	−10 1.8	1.380	2.323	11.5	20.0
9 8	0 13.85	−11 6.8	1.342	2.323	7.5	19.8
9 18	0 4.34	−12 7.5	1.328	2.322	5.0	19.7
9 28	23 54.31	−12 54.7	1.341	2.321	6.9	19.8
10 8	23 45.10	−13 21.6	1.379	2.319	10.8	20.0
10 18	23 37.82	−13 25.1	1.440	2.318	14.8	20.2
10 28	23 33.22	−13 5.2	1.520	2.316	18.2	20.5

65256 2002 FP_{34} 9 22.7 76.°48 1.°8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.53	+ 9 19.9	2.225	3.051	12.9	19.4
8 29	0 14.66	+ 8 39.0	2.148	3.055	10.0	19.2
9 8	0 9.24	+ 7 41.9	2.094	3.058	6.6	19.0
9 18	0 2.79	+ 6 31.6	2.067	3.062	3.2	18.8
9 28	23 56.01	+ 5 13.2	2.068	3.066	2.1	18.8
10 8	23 49.67	+ 3 53.3	2.098	3.069	5.3	19.0
10 18	23 44.45	+ 2 38.0	2.155	3.073	8.6	19.2
10 28	23 40.88	+ 1 33.0	2.238	3.077	11.6	19.4

321514 2009 SV_{200} 9 22.7 45.°90 5.°9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.63	+21 32.6	2.006	2.773	16.1	20.1
8 29	0 14.93	+21 19.0	1.937	2.787	13.5	19.9
9 8	0 9.47	+20 40.3	1.887	2.802	10.5	19.8
9 18	0 2.87	+19 37.0	1.860	2.816	7.7	19.6
9 28	23 55.94	+18 12.9	1.858	2.831	6.0	19.6
10 8	23 49.58	+16 34.9	1.884	2.847	6.6	19.6
10 18	23 44.55	+14 51.5	1.937	2.862	9.0	19.8
10 28	23 41.40	+13 11.4	2.015	2.878	11.7	20.0

480401 2015 KM_{67} 9 22.7 289.°18 4.°4/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.27	− 7 9.3	1.538	2.424	14.5	21.4
8 29	0 18.17	− 8 21.5	1.467	2.413	10.8	21.1
9 8	0 11.75	− 9 41.6	1.419	2.402	6.9	20.9
9 18	0 3.68	−11 1.1	1.396	2.391	4.4	20.7
9 28	23 55.01	−12 10.3	1.399	2.380	6.4	20.8
10 8	23 46.93	−13 1.1	1.427	2.369	10.4	21.0
10 18	23 40.50	−13 28.5	1.478	2.358	14.4	21.2
10 28	23 36.51	−13 31.0	1.549	2.348	17.8	21.4

389168 2009 BT_{92} 9 22.7 63.°87 2.°5/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.93	+ 8 13.2	1.767	2.603	15.3	20.6
8 29	0 18.97	+ 8 13.4	1.704	2.614	11.9	20.4
9 8	0 12.01	+ 7 57.3	1.661	2.625	8.0	20.2
9 18	0 3.70	+ 7 26.7	1.643	2.637	4.1	20.0
9 28	23 55.03	+ 6 46.1	1.652	2.649	2.8	19.9
10 8	23 47.01	+ 6 1.4	1.689	2.661	6.3	20.1
10 18	23 40.52	+ 5 19.0	1.751	2.673	10.1	20.4
10 28	23 36.20	+ 4 44.3	1.837	2.685	13.4	20.6

251899 1999 VE_{120} 9 22.7 241.°96 1.°1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.26	− 1 39.4	2.311	3.169	11.4	21.2
8 29	0 16.65	− 2 12.0	2.232	3.163	8.4	21.0
9 8	0 10.46	− 2 52.2	2.178	3.158	5.1	20.8
9 18	0 3.20	− 3 36.2	2.150	3.152	1.7	20.6
9 28	23 55.56	− 4 19.1	2.152	3.146	2.7	20.6
10 8	23 48.33	− 4 56.1	2.181	3.140	6.2	20.9
10 18	23 42.20	− 5 23.4	2.238	3.134	9.5	21.1
10 28	23 37.73	− 5 38.3	2.319	3.127	12.3	21.2

77089 2001 DQ_{43} 9 22.7 99.°22 1.°4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.77	− 1 47.4	2.334	3.195	11.2	19.8
8 29	0 15.43	− 2 37.8	2.271	3.204	8.2	19.6
9 8	0 9.64	− 3 35.8	2.232	3.213	4.9	19.4
9 18	0 2.91	− 4 36.6	2.221	3.223	1.8	19.2
9 28	23 55.92	− 5 34.9	2.239	3.232	2.9	19.3
10 8	23 49.39	− 6 25.6	2.285	3.240	6.2	19.5
10 18	23 43.96	− 7 4.9	2.358	3.249	9.3	19.7
10 28	23 40.12	− 7 30.1	2.456	3.258	11.9	19.9

98395 2000 UQ_2 9 22.7 281.°98 8.°5/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.57	−20 24.5	1.695	2.574	13.8	18.3
8 29	0 21.26	−21 36.8	1.631	2.560	11.1	18.1
9 8	0 13.58	−22 42.7	1.590	2.546	9.1	17.9
9 18	0 4.26	−23 32.9	1.574	2.533	8.7	17.9
9 28	23 54.40	−23 59.2	1.583	2.519	10.3	18.0
10 8	23 45.21	−23 57.1	1.616	2.505	13.0	18.1
10 18	23 37.77	−23 26.2	1.670	2.491	15.9	18.3
10 28	23 32.82	−22 29.3	1.743	2.477	18.5	18.4

314529 2005 YH_{27} 9 22.7 50.°54 3.°8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.08	+12 34.8	2.130	2.937	14.0	20.4
8 29	0 17.39	+12 46.4	2.056	2.944	11.2	20.2
9 8	0 10.96	+12 41.5	2.004	2.951	8.1	20.0
9 18	0 3.37	+12 20.8	1.976	2.958	5.1	19.9
9 28	23 55.39	+11 46.9	1.976	2.965	3.8	19.8
10 8	23 47.91	+11 4.6	2.004	2.972	5.7	19.9
10 18	23 41.67	+10 19.4	2.058	2.980	8.8	20.1
10 28	23 37.27	+ 9 37.1	2.138	2.988	11.7	20.3

39292 2001 DS_4 9 22.7 234.°29 2.°0/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.82	−10 33.6	4.919	5.783	5.7	20.2
8 29	0 10.42	−11 6.3	4.843	5.776	4.2	20.1
9 8	0 6.33	−11 39.4	4.794	5.769	2.7	20.0
9 18	0 1.80	−12 10.8	4.774	5.762	2.0	19.9
9 28	23 57.13	−12 38.2	4.784	5.755	2.7	20.0
10 8	23 52.63	−12 59.7	4.823	5.748	4.1	20.1
10 18	23 48.58	−13 14.1	4.890	5.740	5.6	20.2
10 28	23 45.27	−13 20.3	4.982	5.733	7.0	20.3

59758 1999 MH 9 22.7 269.°67 7.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.23	−12 56.9	1.397	2.290	15.3	18.6
8 29	0 19.78	−14 31.2	1.341	2.286	11.6	18.3
9 8	0 12.78	−16 7.1	1.306	2.282	8.4	18.2
9 18	0 4.01	−17 33.3	1.296	2.277	7.2	18.1
9 28	23 54.70	−18 38.8	1.311	2.273	9.3	18.2
10 8	23 46.18	−19 16.1	1.349	2.269	12.8	18.4
10 18	23 39.57	−19 22.7	1.409	2.264	16.5	18.6
10 28	23 35.65	−19 0.0	1.487	2.260	19.6	18.8

399923 2005 YU_{75} 9 22.7 52.°24 3.°6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.82	+12 22.7	2.126	2.935	14.0	20.3
8 29	0 17.20	+12 30.7	2.051	2.941	11.2	20.1
9 8	0 10.85	+12 22.2	1.999	2.947	8.0	19.9
9 18	0 3.34	+11 57.9	1.971	2.954	5.0	19.7
9 28	23 55.45	+11 20.8	1.971	2.961	3.7	19.7
10 8	23 48.04	+10 35.6	1.998	2.967	5.7	19.8
10 18	23 41.87	+ 9 48.1	2.053	2.974	8.8	20.0
10 28	23 37.55	+ 9 4.1	2.132	2.981	11.7	20.2

142484 2002 TY_{24} 9 22.7 193.°16 2.°5/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.75	− 4 44.4	1.695	2.563	14.3	20.1
8 29	0 21.97	− 5 15.5	1.626	2.562	10.6	19.9
9 8	0 13.94	− 5 53.3	1.579	2.561	6.5	19.6
9 18	0 4.37	− 6 32.4	1.559	2.559	2.8	19.4
9 28	23 54.32	− 7 6.2	1.566	2.557	4.3	19.5
10 8	23 44.94	− 7 28.9	1.601	2.555	8.4	19.7
10 18	23 37.22	− 7 37.0	1.660	2.552	12.4	20.0
10 28	23 31.89	− 7 28.4	1.742	2.549	15.8	20.2

197628 2004 KS_1 9 22.7 295.°61 1.°3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.81	− 5 44.4	4.199	5.057	6.7	20.1
8 29	0 11.25	− 6 10.9	4.120	5.053	4.9	20.0
9 8	0 6.88	− 6 39.7	4.069	5.049	3.0	19.9
9 18	0 2.00	− 7 8.6	4.046	5.044	1.4	19.7
9 28	23 56.94	− 7 35.2	4.053	5.040	2.2	19.8
10 8	23 52.09	− 7 57.2	4.089	5.036	4.1	19.9
10 18	23 47.79	− 8 12.8	4.154	5.031	5.9	20.1
10 28	23 44.34	− 8 20.7	4.245	5.027	7.6	20.2

15440 1998 WX_4 9 22.7 312.°34 5.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.56	−27 0.8	4.364	5.218	6.5	16.9
8 29	0 11.12	−28 5.8	4.319	5.217	5.6	16.8
9 8	0 6.82	−29 4.9	4.300	5.215	5.1	16.8
9 18	0 1.98	−29 54.9	4.308	5.214	5.3	16.8
9 28	23 56.97	−30 32.8	4.343	5.213	6.0	16.8
10 8	23 52.18	−30 57.1	4.404	5.211	7.0	16.9
10 18	23 47.99	−31 7.0	4.487	5.210	8.1	17.0
10 28	23 44.71	−31 2.8	4.591	5.209	9.1	17.1

88225 2001 BN_{27} 9 22.7 286.°29 5.°0/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.48	−25 38.0	4.289	5.147	6.6	19.4
8 29	0 11.09	−26 53.9	4.239	5.142	5.6	19.3
9 8	0 6.84	−28 4.7	4.216	5.137	5.0	19.3
9 18	0 2.01	−29 6.6	4.220	5.132	5.2	19.3
9 28	23 56.99	−29 56.7	4.252	5.127	6.0	19.4
10 8	23 52.17	−30 32.7	4.310	5.122	7.1	19.4
10 18	23 47.93	−30 53.9	4.391	5.117	8.3	19.5
10 28	23 44.61	−31 0.2	4.492	5.112	9.3	19.6

449267 2013 ED_{18} 9 22.8 51.°20 1.°1/21.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.46	− 0 51.0	1.942	2.806	13.0	21.5
8 29	0 16.97	− 1 25.6	1.880	2.814	9.6	21.3
9 8	0 10.72	− 2 9.2	1.841	2.822	5.8	21.1
9 18	0 3.32	− 2 57.3	1.828	2.830	1.9	20.9
9 28	23 55.60	− 3 44.1	1.843	2.838	2.9	21.0
10 8	23 48.46	− 4 24.2	1.885	2.847	6.7	21.3
10 18	23 42.65	− 4 53.1	1.954	2.855	10.3	21.5
10 28	23 38.75	− 5 8.1	2.045	2.864	13.3	21.7

270223 2001 TM_{173} 9 22.8 30.°30 0.°9/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.47	+ 1 9.5	1.136	2.024	18.4	20.7
8 29	0 17.87	+ 0 30.8	1.091	2.036	13.7	20.4
9 8	0 11.62	− 0 24.4	1.066	2.050	8.3	20.2
9 18	0 3.65	− 1 28.8	1.062	2.065	2.6	19.9
9 28	23 55.29	− 2 32.6	1.083	2.081	3.5	20.0
10 8	23 47.97	− 3 26.1	1.128	2.097	9.0	20.4
10 18	23 42.75	− 4 2.6	1.194	2.115	13.8	20.7
10 28	23 40.32	− 4 18.2	1.281	2.133	17.8	21.0

19837 2000 SE_{271} 9 22.8 148.°69 0.°4/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.74	+ 2 24.6	2.052	2.902	12.9	19.3
8 29	0 17.85	+ 1 30.0	1.984	2.910	9.6	19.1
9 8	0 11.24	+ 0 23.0	1.940	2.917	5.9	18.9
9 18	0 3.49	− 0 51.4	1.923	2.925	1.8	18.7
9 28	23 55.41	− 2 6.9	1.934	2.931	2.4	18.7
10 8	23 47.87	− 3 16.7	1.975	2.937	6.4	19.0
10 18	23 41.63	− 4 15.2	2.042	2.943	10.0	19.2
10 28	23 37.24	− 4 58.5	2.134	2.948	13.0	19.5

439569 2014 DH_{89} 9 22.8 209.°26 2.°0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.10	− 1 55.4	1.972	2.839	12.7	21.2
8 29	0 16.78	− 3 0.6	1.900	2.836	9.4	21.0
9 8	0 10.66	− 4 15.9	1.851	2.833	5.6	20.8
9 18	0 3.32	− 5 35.4	1.830	2.830	2.3	20.5
9 28	23 55.58	− 6 51.8	1.836	2.827	3.7	20.6
10 8	23 48.32	− 7 58.2	1.871	2.824	7.5	20.9
10 18	23 42.34	− 8 49.2	1.931	2.820	11.1	21.1
10 28	23 38.26	− 9 21.7	2.014	2.816	14.1	21.3

251907 1999 VB_{137} 9 22.8 240.°14 2.°9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.51	+12 10.5	2.341	3.149	12.9	20.4
8 29	0 15.41	+11 52.3	2.255	3.146	10.2	20.2
9 8	0 9.75	+11 17.6	2.192	3.143	7.2	20.0
9 18	0 3.02	+10 28.0	2.154	3.140	4.2	19.8
9 28	23 55.91	+ 9 27.1	2.144	3.137	3.0	19.7
10 8	23 49.18	+ 8 20.1	2.162	3.133	5.2	19.9
10 18	23 43.52	+ 7 13.0	2.209	3.130	8.3	20.1
10 28	23 39.49	+ 6 11.6	2.281	3.127	11.2	20.3

412859 2014 PH_{64} 9 22.8 11.°51 1.°7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.63	− 2 30.2	1.924	2.795	12.7	21.2
8 29	0 15.68	− 3 11.4	1.859	2.797	9.4	21.0
9 8	0 9.97	− 4 0.8	1.817	2.800	5.6	20.8
9 18	0 3.09	− 4 53.3	1.801	2.802	2.1	20.6
9 28	23 55.87	− 5 43.0	1.813	2.806	3.4	20.7
10 8	23 49.18	− 6 23.9	1.851	2.809	7.1	20.9
10 18	23 43.78	− 6 51.9	1.916	2.813	10.7	21.1
10 28	23 40.26	− 7 4.4	2.002	2.818	13.7	21.3

34278 Justinxie 9 22.8 20.°08 0.°1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.20	+ 2 11.1	1.783	2.643	14.1	18.4
8 29	0 16.97	+ 1 47.3	1.716	2.647	10.6	18.2
9 8	0 10.83	+ 1 11.2	1.672	2.650	6.5	17.9
9 18	0 3.39	+ 0 26.8	1.653	2.654	2.2	17.7
9 28	23 55.55	− 0 20.2	1.661	2.659	2.3	17.7
10 8	23 48.30	− 1 3.7	1.695	2.664	6.7	18.0
10 18	23 42.47	− 1 38.2	1.756	2.669	10.6	18.2
10 28	23 38.70	− 1 59.9	1.839	2.674	13.9	18.5

349795 2009 BV_{76} 9 22.8 314.°46 8.°8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.71	−16 48.1	1.474	2.372	14.3	19.8
8 29	0 16.57	−18 41.1	1.403	2.346	11.4	19.6
9 8	0 10.96	−20 34.8	1.355	2.321	9.2	19.4
9 18	0 3.53	−22 17.1	1.330	2.297	9.0	19.3
9 28	23 55.34	−23 35.7	1.330	2.273	11.2	19.4
10 8	23 47.67	−24 22.2	1.353	2.249	14.5	19.5
10 18	23 41.69	−24 33.2	1.395	2.226	17.9	19.7
10 28	23 38.28	−24 9.7	1.454	2.204	21.0	19.9

448010 2008 DP_{33} 9 22.8 209.°40 0.°2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.09	+ 1 27.7	2.447	3.286	11.5	22.0
8 29	0 19.44	+ 1 20.5	2.362	3.281	8.6	21.8
9 8	0 12.19	+ 1 5.0	2.301	3.276	5.4	21.6
9 18	0 3.83	+ 0 43.9	2.268	3.270	1.8	21.4
9 28	23 55.07	+ 0 20.3	2.265	3.263	1.9	21.4
10 8	23 46.70	− 0 1.8	2.292	3.257	5.4	21.6
10 18	23 39.43	− 0 18.8	2.346	3.250	8.7	21.8
10 28	23 33.83	− 0 27.8	2.426	3.242	11.6	22.0

107497 2001 DO_{44} 9 22.8 163.°09 2.°6/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.78	− 2 22.0	1.599	2.472	14.8	20.1
8 29	0 19.10	− 3 33.6	1.536	2.475	10.9	19.9
9 8	0 12.23	− 4 56.6	1.495	2.478	6.6	19.6
9 18	0 3.87	− 6 23.6	1.480	2.480	2.8	19.4
9 28	23 55.05	− 7 45.3	1.492	2.482	4.6	19.5
10 8	23 46.92	− 8 53.2	1.531	2.484	8.8	19.8
10 18	23 40.42	− 9 41.5	1.594	2.485	12.9	20.0
10 28	23 36.27	−10 7.4	1.679	2.486	16.3	20.3

263011 2007 ET_{163} 9 22.8 135.°44 2.°0/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.32	− 4 2.9	2.439	3.302	10.7	20.5
8 29	0 15.83	− 4 51.4	2.373	3.308	7.8	20.3
9 8	0 9.91	− 5 45.6	2.332	3.313	4.7	20.1
9 18	0 3.06	− 6 41.0	2.319	3.318	2.1	20.0
9 28	23 55.94	− 7 32.5	2.334	3.323	3.3	20.1
10 8	23 49.26	− 8 15.3	2.379	3.328	6.3	20.3
10 18	23 43.63	− 8 46.3	2.450	3.333	9.3	20.5
10 28	23 39.55	− 9 3.3	2.545	3.337	11.8	20.7

305948 2009 HL_{18} 9 22.8 185.°24 5.°0/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.45	−13 31.4	2.219	3.092	11.2	20.7
8 29	0 18.32	−14 32.9	2.157	3.092	8.5	20.5
9 8	0 11.51	−15 33.7	2.120	3.092	6.0	20.4
9 18	0 3.59	−16 27.7	2.111	3.091	5.0	20.3
9 28	23 55.36	−17 8.8	2.129	3.090	6.4	20.4
10 8	23 47.65	−17 32.9	2.175	3.089	8.9	20.5
10 18	23 41.18	−17 38.0	2.245	3.087	11.6	20.7
10 28	23 36.53	−17 24.3	2.337	3.085	14.0	20.9

104570 2000 GN_{77} 9 22.8 70.°15 1.°9/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.55	− 3 14.2	1.826	2.695	13.4	19.9
8 29	0 18.58	− 3 50.4	1.770	2.707	9.9	19.7
9 8	0 11.73	− 4 33.9	1.736	2.718	5.9	19.5
9 18	0 3.67	− 5 19.5	1.728	2.729	2.3	19.3
9 28	23 55.31	− 6 1.0	1.748	2.741	3.6	19.4
10 8	23 47.62	− 6 33.1	1.796	2.752	7.4	19.7
10 18	23 41.40	− 6 51.9	1.869	2.764	11.0	20.0
10 28	23 37.24	− 6 55.5	1.964	2.776	14.1	20.2

499794 2011 CB_{71} 9 22.8 357.°97 8.°0/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 43.59	+ 8 6.9	1.015	1.859	23.5	20.5
8 29	0 35.72	+10 28.2	0.948	1.858	19.1	20.2
9 8	0 23.48	+12 37.4	0.900	1.857	14.0	19.9
9 18	0 7.80	+14 25.7	0.873	1.857	9.4	19.7
9 28	23 50.63	+15 46.0	0.871	1.857	8.2	19.6
10 8	23 34.51	+16 37.6	0.894	1.857	11.8	19.8
10 18	23 21.59	+17 6.1	0.938	1.857	16.8	20.1
10 28	23 13.25	+17 22.2	1.002	1.858	21.3	20.4

367664 2009 XE_{23} 9 22.8 311.°40 8.°0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.80	+25 40.7	2.273	2.999	15.5	20.6
8 29	0 16.71	+26 20.3	2.176	2.985	13.6	20.4
9 8	0 10.76	+26 38.0	2.097	2.973	11.5	20.3
9 18	0 3.43	+26 31.3	2.040	2.960	9.4	20.1
9 28	23 55.49	+25 59.9	2.007	2.947	8.1	20.0
10 8	23 47.85	+25 6.8	1.999	2.935	8.3	20.0
10 18	23 41.38	+23 57.5	2.018	2.923	9.8	20.1
10 28	23 36.80	+22 39.9	2.060	2.912	12.0	20.2

243159 2007 TD_{74} 9 22.8 336.°08 5.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.47	−23 44.3	3.887	4.751	7.0	19.5
8 29	0 11.18	−25 9.7	3.836	4.747	5.9	19.4
9 8	0 6.95	−26 30.3	3.813	4.743	5.2	19.3
9 18	0 2.09	−27 42.0	3.817	4.739	5.4	19.3
9 28	23 57.02	−28 41.1	3.849	4.735	6.3	19.4
10 8	23 52.17	−29 25.1	3.907	4.732	7.5	19.5
10 18	23 47.95	−29 53.0	3.989	4.728	8.8	19.6
10 28	23 44.72	−30 4.6	4.091	4.724	10.0	19.7

134986 2001 FE_{100} 9 22.8 260.°21 1.°0/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.66	− 2 12.9	2.347	3.201	11.4	20.4
8 29	0 18.45	− 2 25.9	2.264	3.193	8.5	20.2
9 8	0 11.62	− 2 45.0	2.205	3.185	5.1	20.0
9 18	0 3.66	− 3 7.2	2.174	3.176	1.7	19.7
9 28	23 55.30	− 3 28.6	2.172	3.167	2.5	19.8
10 8	23 47.34	− 3 45.2	2.199	3.159	6.0	20.0
10 18	23 40.49	− 3 53.8	2.253	3.150	9.3	20.2
10 28	23 35.35	− 3 52.1	2.331	3.141	12.2	20.4

401276 2012 CX_{38} 9 22.8 228.°13 3.°1/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.50	− 6 22.7	2.233	3.105	11.2	20.7
8 29	0 15.41	− 7 30.7	2.164	3.104	8.2	20.5
9 8	0 9.75	− 8 44.0	2.121	3.102	5.1	20.3
9 18	0 3.05	− 9 56.9	2.105	3.100	3.1	20.2
9 28	23 56.02	−11 3.0	2.117	3.099	4.6	20.3
10 8	23 49.42	−11 56.7	2.158	3.097	7.6	20.5
10 18	23 43.93	−12 34.3	2.224	3.095	10.6	20.7
10 28	23 40.11	−12 53.8	2.313	3.093	13.2	20.8

169795 2002 PE_{173} 9 22.8 356.°70 0.°1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.98	− 1 31.8	1.441	2.310	16.4	19.2
8 29	0 23.29	− 1 0.5	1.372	2.306	12.4	18.9
9 8	0 14.99	− 0 36.5	1.324	2.304	7.7	18.7
9 18	0 4.83	− 0 17.4	1.300	2.302	2.5	18.4
9 28	23 54.07	− 0 0.0	1.303	2.301	2.8	18.4
10 8	23 44.06	+ 0 19.5	1.332	2.301	7.9	18.7
10 18	23 35.99	+ 0 44.3	1.386	2.302	12.6	19.0
10 28	23 30.70	+ 1 16.9	1.461	2.304	16.5	19.2

303592 2005 GL_{176} 9 22.8 130.°73 1.°8/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.88	+10 8.8	2.261	3.078	13.0	20.6
8 29	0 16.36	+ 9 16.9	2.189	3.090	10.1	20.4
9 8	0 10.29	+ 8 8.2	2.140	3.101	6.7	20.2
9 18	0 3.22	+ 6 46.1	2.118	3.112	3.2	20.0
9 28	23 55.86	+ 5 16.2	2.125	3.123	2.1	20.0
10 8	23 49.00	+ 3 45.4	2.162	3.133	5.2	20.2
10 18	23 43.29	+ 2 20.2	2.227	3.142	8.5	20.4
10 28	23 39.27	+ 1 6.3	2.318	3.152	11.5	20.6

26349 1998 XR_{94} 9 22.8 302.°71 3.°7/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.75	+14 17.1	2.261	3.062	13.5	18.4
8 29	0 14.99	+14 7.3	2.167	3.050	10.9	18.2
9 8	0 9.60	+13 39.4	2.095	3.039	8.0	18.0
9 18	0 3.04	+12 54.1	2.047	3.027	5.1	17.8
9 28	23 56.03	+11 54.4	2.027	3.016	3.8	17.7
10 8	23 49.35	+10 45.6	2.035	3.005	5.6	17.8
10 18	23 43.74	+ 9 34.1	2.070	2.994	8.6	17.9
10 28	23 39.83	+ 8 26.4	2.130	2.983	11.6	18.1

184894 2005 UO_{254} 9 22.8 65.°23 0.°7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.93	+ 0 26.4	2.027	2.887	12.7	20.7
8 29	0 16.54	− 0 12.2	1.964	2.895	9.4	20.5
9 8	0 10.46	− 1 0.8	1.924	2.903	5.7	20.3
9 18	0 3.29	− 1 54.9	1.910	2.912	1.8	20.0
9 28	23 55.81	− 2 48.8	1.924	2.921	2.5	20.1
10 8	23 48.88	− 3 36.8	1.967	2.929	6.4	20.4
10 18	23 43.20	− 4 14.3	2.035	2.938	9.9	20.6
10 28	23 39.35	− 4 38.2	2.127	2.947	12.9	20.8

402830 2007 FJ_{21} 9 22.8 188.°79 1.°3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.15	+ 5 28.9	2.381	3.211	12.0	21.5
8 29	0 18.05	+ 5 25.8	2.300	3.211	9.2	21.4
9 8	0 11.36	+ 5 11.8	2.243	3.210	6.0	21.2
9 18	0 3.59	+ 4 48.8	2.212	3.210	2.7	20.9
9 28	23 55.46	+ 4 20.0	2.211	3.209	1.9	20.9
10 8	23 47.73	+ 3 49.5	2.238	3.208	5.2	21.1
10 18	23 41.10	+ 3 21.5	2.294	3.207	8.4	21.3
10 28	23 36.14	+ 2 59.8	2.374	3.205	11.3	21.5

54002 2000 GS_{90} 9 22.8 68.°24 4.°0/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.87	− 4 57.1	1.173	2.065	17.7	17.8
8 29	0 21.09	− 6 8.6	1.131	2.080	13.0	17.6
9 8	0 13.58	− 7 29.2	1.110	2.095	7.9	17.4
9 18	0 4.33	− 8 48.8	1.111	2.110	4.2	17.2
9 28	23 54.75	− 9 56.0	1.138	2.125	6.2	17.4
10 8	23 46.28	−10 42.3	1.188	2.141	10.8	17.7
10 18	23 40.04	−11 3.4	1.260	2.156	15.2	18.0
10 28	23 36.70	−10 59.1	1.352	2.171	18.9	18.3

447390 2006 BA_{62} 9 22.8 226.°88 3.°5/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.11	−11 16.8	2.797	3.662	9.4	22.0
8 29	0 17.08	−12 1.1	2.719	3.652	7.0	21.8
9 8	0 10.68	−12 46.3	2.667	3.641	4.7	21.6
9 18	0 3.36	−13 27.8	2.643	3.631	3.5	21.5
9 28	23 55.72	−14 1.4	2.649	3.619	4.6	21.6
10 8	23 48.42	−14 23.4	2.683	3.608	7.0	21.7
10 18	23 42.07	−14 31.8	2.744	3.595	9.5	21.9
10 28	23 37.15	−14 25.8	2.829	3.583	11.7	22.0

261532 2005 WT_{99} 9 22.8 313.°56 1.°9/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.46	− 2 45.3	1.865	2.737	13.1	20.8
8 29	0 16.53	− 3 23.7	1.782	2.720	9.7	20.6
9 8	0 10.67	− 4 11.2	1.721	2.704	5.9	20.3
9 18	0 3.42	− 5 2.9	1.686	2.688	2.3	20.0
9 28	23 55.63	− 5 52.4	1.679	2.672	3.6	20.1
10 8	23 48.25	− 6 33.4	1.698	2.656	7.7	20.3
10 18	23 42.18	− 7 1.1	1.743	2.641	11.5	20.5
10 28	23 38.11	− 7 12.2	1.809	2.626	14.9	20.7

476575 2008 RQ_{41} 9 22.8 164.°43 0.°3/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.66	+ 2 18.9	2.117	2.964	12.7	21.3
8 29	0 18.54	+ 1 34.5	2.045	2.969	9.5	21.1
9 8	0 11.70	+ 0 38.4	1.997	2.974	5.8	20.9
9 18	0 3.71	− 0 25.0	1.976	2.978	1.8	20.7
9 28	23 55.36	− 1 30.1	1.984	2.981	2.3	20.7
10 8	23 47.53	− 2 30.7	2.021	2.984	6.2	21.0
10 18	23 40.96	− 3 21.5	2.085	2.986	9.8	21.2
10 28	23 36.23	− 3 58.7	2.173	2.988	12.8	21.4

478627 2012 TS_{176} 9 22.8 17.°99 0.°3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.79	+ 3 7.5	1.369	2.241	16.9	21.1
8 29	0 17.93	+ 2 42.4	1.309	2.244	12.7	20.9
9 8	0 11.66	+ 2 0.8	1.268	2.248	7.9	20.6
9 18	0 3.74	+ 1 7.4	1.251	2.253	2.7	20.3
9 28	23 55.34	+ 0 9.7	1.260	2.258	2.7	20.4
10 8	23 47.69	− 0 43.7	1.293	2.264	7.8	20.7
10 18	23 41.86	− 1 25.7	1.350	2.271	12.5	21.0
10 28	23 38.59	− 1 51.3	1.429	2.278	16.4	21.2

263822 2008 SO_{49} 9 22.8 3.°69 0.°4/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 13.60	+ 4 14.4	4.238	5.068	7.2	20.9
8 29	0 10.39	+ 3 48.7	4.155	5.068	5.4	20.8
9 8	0 6.42	+ 3 16.8	4.098	5.068	3.4	20.6
9 18	0 1.94	+ 2 40.3	4.069	5.069	1.3	20.5
9 28	23 57.29	+ 2 1.5	4.070	5.069	1.0	20.4
10 8	23 52.85	+ 1 23.1	4.102	5.069	3.1	20.6
10 18	23 48.92	+ 0 47.3	4.162	5.070	5.1	20.7
10 28	23 45.82	+ 0 16.5	4.249	5.070	6.9	20.9

476768 2008 UN_{111} 9 22.8 312.°15 2.°2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.13	+ 6 16.0	1.468	2.325	16.8	21.3
8 29	0 18.45	+ 6 18.1	1.376	2.300	13.1	21.0
9 8	0 12.23	+ 6 2.3	1.303	2.276	8.8	20.7
9 18	0 4.03	+ 5 30.0	1.254	2.252	4.1	20.3
9 28	23 54.90	+ 4 45.8	1.230	2.229	2.9	20.2
10 8	23 46.15	+ 3 56.8	1.231	2.206	7.7	20.4
10 18	23 39.02	+ 3 11.2	1.257	2.183	12.7	20.6
10 28	23 34.51	+ 2 36.4	1.303	2.162	17.1	20.9

177327 2003 YX_{57} 9 22.8 356.°07 5.°7/18.9 18

8 19	0 18.49	− 7 44.8	0.942	1.859	18.6	18.7
8 29	0 16.32	− 8 44.9	0.891	1.852	13.9	18.4
9 8	0 11.06	− 9 53.0	0.859	1.847	8.9	18.1
9 18	0 3.61	−10 57.9	0.847	1.844	5.7	17.9
9 28	23 55.49	−11 46.7	0.856	1.842	8.1	18.1
10 8	23 48.36	−12 9.8	0.886	1.843	13.0	18.3
10 18	23 43.58	−12 3.2	0.935	1.845	17.8	18.6
10 28	23 42.00	−11 27.2	1.001	1.848	22.0	18.9

433095 2012 TA_{92} 9 22.8 15.°60 0.°4/22.4 18

8 19	0 17.07	+ 4 48.7	1.297	2.174	17.3	20.5
8 29	0 14.49	+ 3 29.7	1.238	2.177	13.0	20.2
9 8	0 9.58	+ 1 48.3	1.199	2.182	7.9	19.9
9 18	0 3.07	− 0 7.7	1.184	2.187	2.5	19.6
9 28	23 56.09	− 2 6.5	1.195	2.193	3.2	19.7
10 8	23 49.86	− 3 55.3	1.231	2.200	8.5	20.0
10 18	23 45.38	− 5 24.1	1.290	2.208	13.2	20.3
10 28	23 43.36	− 6 26.8	1.370	2.216	17.2	20.6

151877 2003 OU_9 9 22.8 83.°46 6.°6/30.7 18

8 19	0 23.06	+22 18.9	2.323	3.066	14.8	19.6
8 29	0 18.14	+22 50.2	2.246	3.075	12.6	19.4
9 8	0 11.50	+23 1.1	2.189	3.085	10.2	19.3
9 18	0 3.67	+22 50.3	2.156	3.094	8.0	19.2
9 28	23 55.43	+22 18.9	2.148	3.104	6.7	19.1
10 8	23 47.64	+21 30.8	2.167	3.113	7.1	19.2
10 18	23 41.07	+20 31.5	2.213	3.123	8.8	19.3
10 28	23 36.33	+19 28.1	2.283	3.132	11.1	19.5

477568 2010 GV_{133} 9 22.8 265.°60 0.°7/23.5 18

8 19	0 20.92	+ 5 44.9	1.818	2.666	14.4	21.9
8 29	0 16.94	+ 4 58.2	1.732	2.654	11.0	21.7
9 8	0 10.95	+ 3 53.8	1.667	2.642	7.0	21.4
9 18	0 3.53	+ 2 35.5	1.629	2.629	2.6	21.1
9 28	23 55.55	+ 1 10.0	1.618	2.616	2.2	21.1
10 8	23 47.99	− 0 14.3	1.634	2.604	6.7	21.3
10 18	23 41.79	− 1 29.6	1.677	2.591	10.9	21.6
10 28	23 37.65	− 2 29.6	1.743	2.578	14.6	21.8

315922 2008 SW_{28} 9 22.8 323.°40 0.°9/24.5 15

8 19	0 13.89	+ 6 21.8	4.177	4.997	7.4	21.0
8 29	0 10.64	+ 6 3.0	4.088	4.993	5.7	20.9
9 8	0 6.59	+ 5 37.1	4.023	4.988	3.7	20.8
9 18	0 2.02	+ 5 5.7	3.987	4.983	1.7	20.6
9 28	23 57.26	+ 4 30.7	3.981	4.979	1.2	20.6
10 8	23 52.68	+ 3 54.7	4.005	4.974	3.1	20.7
10 18	23 48.64	+ 3 20.2	4.058	4.970	5.1	20.8
10 28	23 45.44	+ 2 49.6	4.137	4.966	6.9	21.0

243917 2001 KN_{32} 9 22.8 173.°38 1.°4/21.3 18

8 19	0 22.24	− 1 4.0	1.975	2.837	12.9	21.0
8 29	0 17.63	− 1 50.9	1.905	2.838	9.5	20.8
9 8	0 11.21	− 2 47.3	1.858	2.839	5.7	20.6
9 18	0 3.58	− 3 48.5	1.838	2.840	2.0	20.3
9 28	23 55.56	− 4 48.1	1.846	2.840	3.1	20.4
10 8	23 48.07	− 5 39.8	1.882	2.841	7.0	20.7
10 18	23 41.88	− 6 18.9	1.944	2.841	10.6	20.9
10 28	23 37.61	− 6 42.3	2.029	2.841	13.7	21.1

221688 2007 DV_{36} 9 22.8 135.°20 1.°0/21.4 18

8 19	0 19.72	− 0 34.7	2.744	3.595	10.0	21.1
8 29	0 15.24	− 1 27.9	2.678	3.606	7.4	21.0
9 8	0 9.51	− 2 28.2	2.638	3.617	4.4	20.8
9 18	0 2.98	− 3 31.8	2.626	3.628	1.5	20.6
9 28	23 56.24	− 4 34.1	2.644	3.638	2.4	20.7
10 8	23 49.88	− 5 30.4	2.692	3.647	5.3	20.9
10 18	23 44.45	− 6 17.0	2.767	3.657	8.1	21.1
10 28	23 40.40	− 6 51.5	2.868	3.666	10.5	21.3

29611 1998 RO_{77} 9 22.8 22.°44 3.°3/20.4 18

8 19	0 17.41	− 1 9.2	0.811	1.728	20.9	18.5
8 29	0 15.58	− 2 26.7	0.776	1.737	15.3	18.2
9 8	0 10.55	− 4 2.7	0.758	1.748	9.1	17.9
9 18	0 3.43	− 5 44.1	0.759	1.761	3.7	17.7
9 28	23 55.85	− 7 15.0	0.781	1.775	6.1	17.9
10 8	23 49.51	− 8 22.1	0.824	1.791	11.9	18.3
10 18	23 45.67	− 8 58.5	0.886	1.809	17.1	18.6
10 28	23 45.03	− 9 2.6	0.965	1.827	21.4	19.0

117452 2005 AV_{55} 9 22.8 96.°82 6.°5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.27	+19 4.3	1.922	2.694	16.5	19.7
8 29	0 20.79	+19 37.6	1.852	2.707	13.8	19.5
9 8	0 13.23	+19 48.9	1.802	2.720	10.8	19.3
9 18	0 4.27	+19 37.0	1.776	2.733	8.0	19.2
9 28	23 54.86	+19 3.4	1.775	2.745	6.5	19.1
10 8	23 46.05	+18 13.1	1.801	2.758	7.4	19.2
10 18	23 38.76	+17 13.2	1.853	2.770	9.9	19.4
10 28	23 33.68	+16 11.7	1.930	2.782	12.7	19.6

290481 2005 TF_{193} 9 22.8 294.°53 0.°2/23.1 18

8 19	0 20.22	+ 3 24.3	2.057	2.908	12.9	21.3
8 29	0 16.15	+ 2 51.8	1.975	2.900	9.7	21.1
9 8	0 10.34	+ 2 6.6	1.917	2.893	6.1	20.9
9 18	0 3.33	+ 1 12.3	1.884	2.885	2.1	20.6
9 28	23 55.87	+ 0 14.0	1.880	2.878	2.1	20.6
10 8	23 48.83	− 0 42.0	1.903	2.871	6.1	20.9
10 18	23 42.98	− 1 30.3	1.953	2.864	9.8	21.1
10 28	23 38.95	− 2 6.4	2.027	2.857	13.0	21.3

127665 2003 DE_{16} 9 22.8 106.°63 1.°8/24.3 18

8 19	0 26.76	+ 6 7.5	1.672	2.513	15.8	19.9
8 29	0 21.26	+ 6 5.6	1.606	2.523	12.1	19.7
9 8	0 13.56	+ 5 48.3	1.563	2.532	7.9	19.4
9 18	0 4.38	+ 5 17.8	1.543	2.541	3.6	19.2
9 28	23 54.77	+ 4 39.0	1.551	2.550	2.5	19.2
10 8	23 45.86	+ 3 58.2	1.587	2.558	6.7	19.4
10 18	23 38.62	+ 3 21.5	1.648	2.567	10.8	19.7
10 28	23 33.74	+ 2 54.2	1.733	2.575	14.3	20.0

86359 1999 XQ_{143} 9 22.8 167.°89 16.°5/ 8.1 17

8 19	0 29.51	+35 57.1	1.320	2.015	26.1	18.9
8 29	0 24.88	+37 38.1	1.251	2.017	23.9	18.7
9 8	0 16.66	+38 40.4	1.195	2.019	21.5	18.6
9 18	0 5.61	+38 54.1	1.152	2.020	19.1	18.4
9 28	23 53.31	+38 13.1	1.127	2.021	17.2	18.3
10 8	23 41.78	+36 40.1	1.121	2.022	16.5	18.3
10 18	23 32.83	+34 26.3	1.135	2.022	17.2	18.3
10 28	23 27.71	+31 49.6	1.168	2.022	19.0	18.4

513758 2012 WN_7 9 22.8 3.°04 10.°4/15.4 18

8 19	0 28.16	−23 13.8	1.365	2.250	16.1	20.6
8 29	0 22.76	−24 12.0	1.320	2.249	13.2	20.4
9 8	0 14.62	−24 57.4	1.296	2.249	11.0	20.3
9 18	0 4.73	−25 20.0	1.295	2.250	10.5	20.3
9 28	23 54.48	−25 12.0	1.316	2.251	12.0	20.4
10 8	23 45.31	−24 31.2	1.360	2.254	14.6	20.6
10 18	23 38.35	−23 20.3	1.424	2.257	17.5	20.8
10 28	23 34.29	−21 44.6	1.506	2.261	20.2	21.0

422688 2000 BC_{20} 9 22.8 137.°60 2.°3/24.9 17

8 19	0 26.43	+ 8 14.5	1.800	2.629	15.3	21.7
8 29	0 20.90	+ 8 3.9	1.731	2.639	11.9	21.5
9 8	0 13.30	+ 7 36.4	1.684	2.648	7.9	21.3
9 18	0 4.30	+ 6 54.4	1.662	2.656	3.9	21.1
9 28	23 54.88	+ 6 2.5	1.667	2.665	2.7	21.0
10 8	23 46.11	+ 5 7.5	1.701	2.672	6.3	21.3
10 18	23 38.90	+ 4 15.9	1.761	2.679	10.2	21.5
10 28	23 33.91	+ 3 33.5	1.846	2.686	13.7	21.8

160216 2002 ES_{28} 9 22.8 148.°07 1.°4/21.2 16

8 19	0 22.72	− 0 17.7	2.039	2.897	12.7	21.2
8 29	0 17.89	− 1 19.8	1.974	2.905	9.4	21.0
9 8	0 11.33	− 2 32.3	1.932	2.912	5.6	20.8
9 18	0 3.63	− 3 49.6	1.917	2.919	1.9	20.6
9 28	23 55.61	− 5 4.9	1.932	2.926	3.1	20.7
10 8	23 48.13	− 6 11.6	1.975	2.932	6.9	20.9
10 18	23 41.94	− 7 4.7	2.045	2.937	10.4	21.2
10 28	23 37.62	− 7 40.9	2.138	2.942	13.4	21.4

441325 2008 CO_8 9 22.8 268.°83 3.°7/18.4 18

8 19	0 21.27	− 7 32.4	2.175	3.048	11.4	21.2
8 29	0 16.96	− 8 48.3	2.086	3.025	8.5	21.0
9 8	0 10.89	−10 10.9	2.022	3.002	5.5	20.8
9 18	0 3.54	−11 33.8	1.985	2.978	3.7	20.6
9 28	23 55.65	−12 49.6	1.977	2.954	5.3	20.7
10 8	23 48.07	−13 51.7	1.997	2.929	8.5	20.8
10 18	23 41.61	−14 35.5	2.042	2.904	11.8	21.0
10 28	23 36.93	−14 58.7	2.109	2.879	14.7	21.1

384611 2011 BN_{72} 9 22.8 26.°02 3.°5/25.7 16

8 19	0 21.56	+10 44.7	1.329	2.177	18.7	21.2
8 29	0 17.90	+10 32.8	1.266	2.181	14.7	20.9
9 8	0 11.74	+ 9 56.2	1.221	2.186	10.2	20.7
9 18	0 3.84	+ 8 57.1	1.199	2.192	5.5	20.4
9 28	23 55.39	+ 7 42.2	1.202	2.198	3.7	20.4
10 8	23 47.71	+ 6 21.3	1.229	2.205	7.5	20.6
10 18	23 41.90	+ 5 4.7	1.280	2.212	12.1	20.9
10 28	23 38.75	+ 4 1.2	1.353	2.220	16.1	21.2

380789 2005 WT_4 9 22.8 292.°47 3.°6/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.05	+ 8 22.1	1.574	2.410	16.8	20.1
8 29	0 22.00	+ 8 52.9	1.485	2.394	13.4	19.8
9 8	0 14.37	+ 9 7.6	1.416	2.379	9.3	19.6
9 18	0 4.77	+ 9 5.9	1.372	2.363	5.2	19.3
9 28	23 54.29	+ 8 50.1	1.353	2.347	3.9	19.2
10 8	23 44.24	+ 8 25.0	1.360	2.332	7.5	19.3
10 18	23 35.85	+ 7 57.3	1.393	2.317	11.9	19.6
10 28	23 30.08	+ 7 33.7	1.448	2.302	16.0	19.8

423034 2003 UC_{66} 9 22.8 347.°35 21.°7/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.09	−44 35.0	1.068	1.901	23.3	19.3
8 29	0 34.47	−45 43.7	1.037	1.891	22.2	19.2
9 8	0 22.24	−46 11.4	1.020	1.882	21.7	19.2
9 18	0 7.20	−45 42.8	1.018	1.875	21.9	19.2
9 28	23 52.05	−44 10.1	1.032	1.869	22.9	19.2
10 8	23 39.32	−41 37.4	1.062	1.864	24.4	19.3
10 18	23 30.58	−38 16.9	1.107	1.861	26.2	19.5
10 28	23 26.37	−34 23.9	1.166	1.860	28.0	19.6

389827 2012 BN_{96} 9 22.8 347.°16 0.°2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.49	+ 0 0.5	3.764	4.607	7.7	20.5
8 29	0 12.62	− 0 10.1	3.681	4.604	5.7	20.4
9 8	0 7.85	− 0 25.4	3.625	4.601	3.5	20.2
9 18	0 2.47	− 0 43.6	3.597	4.599	1.1	20.1
9 28	23 56.89	− 1 2.5	3.599	4.596	1.4	20.1
10 8	23 51.55	− 1 19.7	3.630	4.594	3.7	20.3
10 18	23 46.82	− 1 33.1	3.691	4.592	5.9	20.4
10 28	23 43.06	− 1 40.8	3.777	4.590	7.9	20.6

165610 2001 FU_{82} 9 22.8 146.°16 2.°9/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.17	+12 28.3	2.214	3.019	13.6	20.6
8 29	0 17.44	+12 0.6	2.137	3.027	10.8	20.4
9 8	0 11.05	+11 15.0	2.083	3.035	7.6	20.2
9 18	0 3.56	+10 13.6	2.055	3.042	4.3	20.1
9 28	23 55.73	+ 9 0.9	2.055	3.049	3.0	20.0
10 8	23 48.39	+ 7 43.0	2.085	3.056	5.4	20.2
10 18	23 42.25	+ 6 26.6	2.142	3.061	8.6	20.4
10 28	23 37.88	+ 5 17.8	2.225	3.067	11.6	20.6

456476 2006 WK_{67} 9 22.8 153.°79 3.°8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.95	−15 32.0	3.470	4.338	7.7	21.4
8 29	0 13.75	−16 22.7	3.412	4.342	5.9	21.3
9 8	0 8.55	−17 11.5	3.380	4.345	4.3	21.2
9 18	0 2.70	−17 54.9	3.377	4.349	3.8	21.2
9 28	23 56.67	−18 29.1	3.403	4.352	4.8	21.3
10 8	23 50.94	−18 51.9	3.457	4.356	6.4	21.4
10 18	23 45.95	−19 1.7	3.537	4.359	8.2	21.5
10 28	23 42.07	−18 58.3	3.639	4.362	9.8	21.6

235953 2005 EN_{176} 9 22.8 69.°90 0.°9/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.29	+ 3 33.8	1.761	2.609	14.8	20.1
8 29	0 20.67	+ 3 28.3	1.707	2.629	11.2	20.0
9 8	0 13.07	+ 3 10.4	1.675	2.649	7.0	19.8
9 18	0 4.21	+ 2 43.2	1.669	2.669	2.7	19.5
9 28	23 55.08	+ 2 11.4	1.690	2.688	2.2	19.5
10 8	23 46.71	+ 1 40.6	1.739	2.708	6.4	19.9
10 18	23 39.95	+ 1 15.7	1.814	2.728	10.2	20.1
10 28	23 35.37	+ 1 0.5	1.912	2.748	13.5	20.4

316824 1999 XK_{65} 9 22.8 337.°61 2.°8/24.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.32	+ 8 5.0	1.185	2.060	18.8	19.8
8 29	0 13.72	+ 8 0.3	1.103	2.036	14.8	19.5
9 8	0 9.49	+ 7 31.0	1.040	2.014	10.1	19.2
9 18	0 3.22	+ 6 38.6	0.996	1.994	5.0	18.8
9 28	23 56.03	+ 5 29.1	0.976	1.975	3.3	18.7
10 8	23 49.34	+ 4 12.8	0.978	1.957	8.3	18.9
10 18	23 44.47	+ 3 1.0	1.003	1.942	13.7	19.1
10 28	23 42.45	+ 2 4.0	1.046	1.928	18.5	19.4

398330 2011 QH_1 9 22.8 269.°80 4.°5/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.66	+14 6.4	1.879	2.686	15.6	21.2
8 29	0 18.24	+14 12.5	1.795	2.682	12.7	21.0
9 8	0 11.78	+13 58.2	1.732	2.677	9.3	20.7
9 18	0 3.88	+13 24.0	1.692	2.672	6.0	20.5
9 28	23 55.42	+12 32.8	1.679	2.667	4.5	20.4
10 8	23 47.41	+11 30.5	1.693	2.663	6.5	20.6
10 18	23 40.80	+10 24.4	1.733	2.658	9.9	20.8
10 28	23 36.29	+ 9 22.1	1.797	2.653	13.3	21.0

79728 1998 SK_{128} 9 22.8 315.°71 1.°4/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.76	+ 0 19.7	1.313	2.196	16.8	18.9
8 29	0 17.53	− 0 25.0	1.235	2.179	12.6	18.6
9 8	0 11.70	− 1 26.6	1.178	2.163	7.7	18.3
9 18	0 3.92	− 2 39.1	1.144	2.147	2.5	17.9
9 28	23 55.34	− 3 53.0	1.135	2.132	3.9	18.0
10 8	23 47.33	− 4 58.1	1.150	2.117	9.3	18.3
10 18	23 41.12	− 5 46.1	1.188	2.103	14.4	18.5
10 28	23 37.64	− 6 11.5	1.246	2.090	18.7	18.7

421807 2014 QV_{36} 9 22.8 80.°82 1.°7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.32	+ 7 15.1	2.232	3.062	12.7	21.7
8 29	0 16.77	+ 7 0.7	2.161	3.070	9.8	21.5
9 8	0 10.63	+ 6 33.2	2.113	3.078	6.5	21.4
9 18	0 3.45	+ 5 54.8	2.091	3.086	3.0	21.2
9 28	23 55.94	+ 5 9.4	2.097	3.094	2.1	21.1
10 8	23 48.91	+ 4 22.2	2.132	3.103	5.2	21.3
10 18	23 43.04	+ 3 38.1	2.194	3.111	8.5	21.6
10 28	23 38.87	+ 3 1.6	2.281	3.119	11.5	21.8

494258 2016 QA_{39} 9 22.8 0.°99 4.°3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.31	+ 9 40.4	1.223	2.079	19.5	20.5
8 29	0 18.77	+10 8.5	1.157	2.077	15.5	20.3
9 8	0 12.46	+10 14.2	1.110	2.076	10.9	20.0
9 18	0 4.16	+ 9 57.9	1.084	2.076	6.3	19.7
9 28	23 55.15	+ 9 23.3	1.082	2.077	4.5	19.7
10 8	23 46.89	+ 8 38.3	1.103	2.079	8.1	19.9
10 18	23 40.65	+ 7 51.9	1.147	2.082	12.8	20.1
10 28	23 37.33	+ 7 13.0	1.211	2.086	17.0	20.4

345029 2005 EV_{119} 9 22.8 246.°56 0.°3/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.14	+ 1 5.7	2.105	2.954	12.7	21.8
8 29	0 19.12	+ 0 39.1	2.015	2.940	9.5	21.6
9 8	0 12.24	+ 0 1.8	1.948	2.925	5.9	21.3
9 18	0 4.03	− 0 42.6	1.908	2.910	1.9	21.1
9 28	23 55.28	− 1 29.1	1.897	2.894	2.3	21.1
10 8	23 46.89	− 2 12.3	1.914	2.878	6.4	21.3
10 18	23 39.72	− 2 47.1	1.958	2.862	10.2	21.5
10 28	23 34.45	− 3 9.8	2.026	2.845	13.5	21.7

69296 1992 BM_4 9 22.8 258.°93 0.°9/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.68	− 0 14.8	1.834	2.695	13.7	19.7
8 29	0 18.93	− 0 43.8	1.757	2.689	10.3	19.4
9 8	0 12.16	− 1 23.3	1.704	2.684	6.3	19.2
9 18	0 4.00	− 2 8.9	1.676	2.678	2.0	18.9
9 28	23 55.34	− 2 55.0	1.675	2.672	2.8	19.0
10 8	23 47.19	− 3 35.2	1.703	2.666	7.1	19.2
10 18	23 40.46	− 4 4.5	1.755	2.660	11.1	19.4
10 28	23 35.83	− 4 19.5	1.831	2.654	14.5	19.6

21944 1999 VA_{118} 9 22.8 196.°91 1.°6/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.37	+ 8 47.1	2.093	2.920	13.6	19.8
8 29	0 16.99	+ 8 1.8	2.010	2.918	10.5	19.6
9 8	0 10.87	+ 6 59.2	1.950	2.916	6.9	19.4
9 18	0 3.56	+ 5 42.3	1.917	2.913	3.2	19.2
9 28	23 55.82	+ 4 16.9	1.912	2.910	2.1	19.1
10 8	23 48.53	+ 2 50.1	1.935	2.906	5.7	19.3
10 18	23 42.45	+ 1 29.0	1.987	2.902	9.4	19.5
10 28	23 38.20	+ 0 19.9	2.063	2.898	12.6	19.7

79105 1981 EY_{33} 9 22.8 290.°67 1.°2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.09	+ 6 10.4	1.905	2.749	14.0	19.9
8 29	0 16.96	+ 5 43.4	1.825	2.744	10.8	19.7
9 8	0 10.94	+ 5 0.9	1.768	2.739	7.0	19.4
9 18	0 3.61	+ 4 5.8	1.735	2.734	2.9	19.2
9 28	23 55.80	+ 3 3.5	1.730	2.729	2.1	19.1
10 8	23 48.46	+ 2 0.8	1.753	2.724	6.2	19.4
10 18	23 42.42	+ 1 4.0	1.802	2.719	10.1	19.6
10 28	23 38.35	+ 0 18.7	1.875	2.715	13.5	19.8

11853 Runge 9 22.8 263.°39 0.°7/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.48	+ 0 7.0	1.522	2.388	15.8	18.0
8 29	0 21.46	− 0 12.4	1.445	2.379	11.9	17.7
9 8	0 13.95	− 0 43.9	1.390	2.371	7.3	17.4
9 18	0 4.66	− 1 23.4	1.360	2.362	2.4	17.1
9 28	23 54.68	− 2 4.4	1.356	2.353	3.1	17.1
10 8	23 45.31	− 2 39.7	1.378	2.344	8.1	17.4
10 18	23 37.68	− 3 3.5	1.425	2.335	12.7	17.7
10 28	23 32.63	− 3 11.9	1.493	2.326	16.7	17.9

260409 2004 XL_{18} 9 22.8 284.°01 2.°1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.10	+ 8 53.2	2.305	3.128	12.6	20.1
8 29	0 16.00	+ 8 38.6	2.210	3.114	9.9	19.9
9 8	0 10.28	+ 8 9.5	2.138	3.099	6.7	19.7
9 18	0 3.40	+ 7 27.5	2.092	3.085	3.5	19.5
9 28	23 56.05	+ 6 36.2	2.074	3.070	2.4	19.4
10 8	23 49.01	+ 5 40.7	2.084	3.056	5.3	19.6
10 18	23 43.02	+ 4 46.4	2.122	3.042	8.7	19.7
10 28	23 38.68	+ 3 58.7	2.185	3.027	11.8	19.9

83979 2002 EW_5 9 22.8 322.°69 2.°2/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.96	− 9 40.6	4.045	4.911	6.7	19.2
8 29	0 11.47	−10 15.5	3.972	4.907	5.0	19.1
9 8	0 7.16	−10 51.4	3.926	4.903	3.2	18.9
9 18	0 2.30	−11 25.5	3.908	4.899	2.2	18.9
9 28	23 57.27	−11 55.1	3.920	4.895	3.0	18.9
10 8	23 52.45	−12 17.9	3.961	4.891	4.7	19.0
10 18	23 48.21	−12 32.2	4.029	4.888	6.5	19.2
10 28	23 44.85	−12 37.1	4.122	4.884	8.2	19.3

363070 2000 GY_{116} 9 22.8 97.°27 0.°9/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.85	+ 6 12.9	1.315	2.175	18.2	20.6
8 29	0 20.30	+ 5 25.1	1.258	2.186	13.8	20.4
9 8	0 13.19	+ 4 15.5	1.220	2.196	8.7	20.1
9 18	0 4.37	+ 2 49.9	1.207	2.207	3.3	19.8
9 28	23 55.10	+ 1 17.7	1.219	2.218	2.7	19.8
10 8	23 46.70	− 0 9.9	1.256	2.228	8.0	20.2
10 18	23 40.30	− 1 23.6	1.318	2.238	12.8	20.5
10 28	23 36.61	− 2 17.0	1.402	2.248	16.9	20.8

390769 2003 UN_{118} 9 22.8 29.°97 1.°5/23.9 18

8 19	0 24.32	+ 4 26.3	1.354	2.218	17.5	20.0
8 29	0 19.81	+ 4 30.9	1.300	2.229	13.3	19.8
9 8	0 12.85	+ 4 19.2	1.266	2.241	8.6	19.6
9 18	0 4.25	+ 3 54.3	1.254	2.254	3.5	19.3
9 28	23 55.24	+ 3 21.9	1.268	2.267	2.6	19.3
10 8	23 47.09	+ 2 49.0	1.308	2.282	7.4	19.6
10 18	23 40.86	+ 2 22.0	1.371	2.297	11.9	19.9
10 28	23 37.25	+ 2 6.2	1.456	2.312	15.8	20.2

438298 2006 CM_{67} 9 22.8 195.°48 2.°3/25.5 18

8 19	0 23.85	+10 10.8	2.338	3.147	12.9	22.7
8 29	0 18.71	+ 9 51.6	2.250	3.145	10.1	22.5
9 8	0 11.90	+ 9 17.0	2.185	3.141	6.9	22.3
9 18	0 3.93	+ 8 28.8	2.146	3.137	3.7	22.1
9 28	23 55.54	+ 7 30.6	2.137	3.132	2.5	22.0
10 8	23 47.53	+ 6 27.9	2.157	3.127	5.3	22.2
10 18	23 40.66	+ 5 26.5	2.205	3.121	8.6	22.4
10 28	23 35.52	+ 4 31.7	2.279	3.114	11.6	22.6

39761 1997 EN_{55} 9 22.8 231.°85 4.°7/17.2 18

8 19	0 21.03	− 8 27.2	1.923	2.802	12.4	19.0
8 29	0 16.91	−10 12.3	1.854	2.795	9.2	18.8
9 8	0 10.92	−12 3.9	1.809	2.788	6.1	18.6
9 18	0 3.62	−13 53.3	1.793	2.781	4.7	18.5
9 28	23 55.86	−15 31.1	1.804	2.773	6.5	18.6
10 8	23 48.57	−16 49.6	1.842	2.765	9.8	18.8
10 18	23 42.58	−17 44.2	1.905	2.756	13.0	19.0
10 28	23 38.56	−18 13.4	1.989	2.748	15.8	19.1

312621 2009 SZ_{269} 9 22.8 308.°01 1.°3/20.5 18

8 19	0 15.76	− 5 14.0	4.041	4.897	6.9	20.8
8 29	0 12.06	− 5 37.0	3.961	4.892	5.1	20.7
9 8	0 7.52	− 6 2.6	3.907	4.887	3.1	20.5
9 18	0 2.43	− 6 28.5	3.882	4.881	1.4	20.4
9 28	23 57.16	− 6 52.2	3.887	4.876	2.1	20.4
10 8	23 52.10	− 7 11.6	3.922	4.871	4.1	20.6
10 18	23 47.61	− 7 24.7	3.985	4.866	6.1	20.7
10 28	23 44.01	− 7 30.3	4.074	4.861	7.8	20.8

38275 1999 RH_{48} 9 22.8 31.°98 0.°3/23.1 18

8 19	0 20.35	+ 4 27.2	1.293	2.166	17.6	18.5
8 29	0 16.90	+ 3 43.9	1.243	2.179	13.2	18.2
9 8	0 11.07	+ 2 41.5	1.212	2.192	8.2	18.0
9 18	0 3.67	+ 1 26.1	1.205	2.206	2.8	17.7
9 28	23 55.89	+ 0 7.0	1.222	2.221	2.7	17.8
10 8	23 48.97	− 1 5.9	1.265	2.237	7.9	18.1
10 18	23 43.90	− 2 4.5	1.331	2.253	12.5	18.4
10 28	23 41.36	− 2 43.6	1.418	2.270	16.4	18.7

438024 2004 CD_{26} 9 22.8 298.°77 5.°2/17.0 18

8 19	0 19.74	− 8 42.4	1.713	2.600	13.2	20.9
8 29	0 16.32	−10 22.7	1.628	2.574	9.9	20.7
9 8	0 10.78	−12 12.1	1.568	2.548	6.7	20.4
9 18	0 3.64	−14 1.3	1.534	2.522	5.2	20.3
9 28	23 55.81	−15 39.6	1.526	2.496	7.3	20.3
10 8	23 48.35	−16 57.8	1.544	2.471	11.0	20.5
10 18	23 42.27	−17 49.7	1.586	2.445	14.7	20.7
10 28	23 38.38	−18 13.2	1.646	2.420	18.0	20.8

143043 2002 VH_{128} 9 22.8 323.°41 1.°5/23.9 18

8 19	0 21.16	+ 4 58.1	1.237	2.110	18.2	19.9
8 29	0 18.06	+ 4 52.7	1.157	2.092	14.1	19.6
9 8	0 12.18	+ 4 27.5	1.096	2.074	9.2	19.3
9 18	0 4.18	+ 3 45.1	1.057	2.057	3.8	18.9
9 28	23 55.23	+ 2 51.8	1.042	2.041	2.9	18.8
10 8	23 46.82	+ 1 56.7	1.050	2.026	8.5	19.1
10 18	23 40.32	+ 1 9.2	1.081	2.011	13.9	19.4
10 28	23 36.74	+ 0 36.9	1.131	1.998	18.6	19.6

513506 2009 QK_{28} 9 22.8 69.°70 4.°5/27.3 18

8 19	0 26.75	+13 41.8	2.097	2.891	14.6	20.7
8 29	0 20.91	+14 14.0	2.033	2.910	11.8	20.6
9 8	0 13.23	+14 29.4	1.991	2.930	8.7	20.4
9 18	0 4.36	+14 27.9	1.974	2.949	5.8	20.3
9 28	23 55.15	+14 11.4	1.985	2.969	4.5	20.2
10 8	23 46.55	+13 44.0	2.024	2.988	6.1	20.4
10 18	23 39.33	+13 11.2	2.090	3.007	8.9	20.6
10 28	23 34.11	+12 38.6	2.181	3.027	11.6	20.8

35625 1998 KK_8 9 22.8 60.°73 1.°8/25.0 18

	h m	° ′			°	m
8 19	0 19.34	+ 9 20.2	2.040	2.870	13.8	18.1
8 29	0 15.47	+ 8 40.4	1.969	2.878	10.6	17.9
9 8	0 9.93	+ 7 43.3	1.921	2.885	7.1	17.7
9 18	0 3.28	+ 6 32.3	1.898	2.893	3.4	17.5
9 28	23 56.29	+ 5 12.8	1.902	2.900	2.2	17.5
10 8	23 49.81	+ 3 52.0	1.936	2.908	5.5	17.7
10 18	23 44.55	+ 2 36.5	1.996	2.916	9.1	17.9
10 28	23 41.07	+ 1 32.3	2.081	2.924	12.2	18.2

366056 2012 CP_{16} 9 22.8 70.°03 3.°9/17.9 18

8 19	0 19.47	− 8 55.7	2.189	3.066	11.2	20.2
8 29	0 15.44	−10 12.4	2.130	3.071	8.2	20.1
9 8	0 9.85	−11 32.3	2.097	3.075	5.4	19.9
9 18	0 3.24	−12 48.9	2.090	3.080	3.9	19.8
9 28	23 56.34	−13 55.6	2.112	3.085	5.4	19.9
10 8	23 49.91	−14 47.1	2.161	3.090	8.2	20.1
10 18	23 44.64	−15 20.2	2.236	3.095	11.0	20.3
10 28	23 41.04	−15 33.8	2.332	3.099	13.5	20.5

513493 2009 FF_{48} 9 22.8 140.°11 0.°3/22.4 18

8 19	0 20.64	+ 3 8.4	2.204	3.051	12.3	22.1
8 29	0 16.29	+ 2 7.3	2.134	3.058	9.1	21.9
9 8	0 10.37	+ 0 53.9	2.088	3.065	5.6	21.7
9 18	0 3.42	− 0 27.2	2.070	3.071	1.8	21.4
9 28	23 56.16	− 1 49.7	2.080	3.078	2.2	21.5
10 8	23 49.36	− 3 7.1	2.120	3.084	5.9	21.7
10 18	23 43.72	− 4 13.7	2.188	3.089	9.4	22.0
10 28	23 39.77	− 5 5.4	2.279	3.094	12.3	22.2

389305 2009 RY_{49} 9 22.8 327.°67 0.°8/21.3 18

8 19	0 15.56	− 3 2.1	4.215	5.065	6.8	21.0
8 29	0 11.88	− 3 21.4	4.136	5.064	5.0	20.8
9 8	0 7.40	− 3 43.9	4.084	5.063	3.0	20.7
9 18	0 2.40	− 4 7.7	4.061	5.062	1.1	20.5
9 28	23 57.24	− 4 30.5	4.067	5.061	1.7	20.6
10 8	23 52.28	− 4 50.2	4.104	5.059	3.7	20.7
10 18	23 47.87	− 5 4.8	4.169	5.058	5.6	20.9
10 28	23 44.31	− 5 13.0	4.261	5.057	7.3	21.0

440399 2005 NW_3 9 22.8 88.°69 6.°0/15.7 16

8 19	0 22.68	−14 41.7	2.034	2.913	11.8	21.3
8 29	0 17.81	−16 18.8	1.999	2.935	9.0	21.1
9 8	0 11.27	−17 53.0	1.989	2.956	6.7	21.1
9 18	0 3.69	−19 16.5	2.006	2.978	6.0	21.1
9 28	23 55.92	−20 22.2	2.051	2.998	7.5	21.2
10 8	23 48.82	−21 5.8	2.121	3.019	9.9	21.4
10 18	23 43.08	−21 26.0	2.216	3.039	12.4	21.6
10 28	23 39.23	−21 23.7	2.330	3.059	14.5	21.8

378187 2006 XG_{17} 9 22.8 250.°02 5.°1/18.4 18

8 19	0 25.63	−10 5.3	1.591	2.474	14.4	20.9
8 29	0 20.68	−11 8.5	1.525	2.467	10.8	20.7
9 8	0 13.39	−12 15.2	1.482	2.461	7.2	20.4
9 18	0 4.48	−13 17.2	1.464	2.454	5.1	20.3
9 28	23 55.03	−14 5.7	1.472	2.448	6.9	20.4
10 8	23 46.24	−14 34.4	1.506	2.441	10.6	20.6
10 18	23 39.15	−14 40.0	1.563	2.434	14.3	20.8
10 28	23 34.52	−14 22.4	1.640	2.427	17.5	21.0

219866 2002 CS_{266} 9 22.8 249.°04 0.°3/22.2 16

8 19	0 14.64	− 0 13.1	4.312	5.155	6.8	20.9
8 29	0 11.20	− 0 36.6	4.231	5.154	5.0	20.8
9 8	0 6.98	− 1 4.3	4.176	5.152	3.0	20.7
9 18	0 2.27	− 1 34.6	4.149	5.151	1.0	20.5
9 28	23 57.39	− 2 5.1	4.153	5.149	1.3	20.5
10 8	23 52.71	− 2 33.6	4.187	5.148	3.4	20.7
10 18	23 48.54	− 2 57.9	4.250	5.146	5.3	20.8
10 28	23 45.19	− 3 16.4	4.339	5.145	7.1	21.0

264403 2000 FZ_{57} 9 22.8 168.°61 2.°0/20.7 17

8 19	0 24.50	− 2 4.8	1.954	2.815	13.0	21.1
8 29	0 19.36	− 3 7.9	1.886	2.819	9.6	20.9
9 8	0 12.35	− 4 20.4	1.842	2.823	5.8	20.6
9 18	0 4.10	− 5 36.6	1.825	2.826	2.3	20.4
9 28	23 55.46	− 6 49.0	1.837	2.829	3.7	20.5
10 8	23 47.38	− 7 51.1	1.878	2.830	7.5	20.8
10 18	23 40.67	− 8 37.7	1.944	2.832	11.1	21.0
10 28	23 35.96	− 9 6.2	2.034	2.832	14.2	21.2

161987 2026 T_{-3} 9 22.8 0.°59 2.°0/24.3 18

8 19	0 20.13	+ 5 33.9	1.238	2.111	18.2	19.4
8 29	0 17.05	+ 5 39.0	1.175	2.108	14.1	19.2
9 8	0 11.37	+ 5 25.2	1.130	2.107	9.2	18.9
9 18	0 3.86	+ 4 55.0	1.107	2.106	4.1	18.6
9 28	23 55.71	+ 4 14.3	1.108	2.107	2.9	18.5
10 8	23 48.30	+ 3 31.2	1.133	2.110	7.8	18.8
10 18	23 42.80	+ 2 53.9	1.181	2.113	12.7	19.1
10 28	23 40.03	+ 2 28.9	1.249	2.119	17.0	19.4

209303 2003 YG_{134} 9 22.8 327.°62 4.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.33	+ 7 48.0	1.463	2.307	17.4	19.6
8 29	0 21.71	+ 8 41.5	1.375	2.289	13.9	19.3
9 8	0 14.37	+ 9 20.6	1.307	2.271	9.8	19.0
9 18	0 4.92	+ 9 44.2	1.262	2.253	5.7	18.7
9 28	23 54.49	+ 9 53.1	1.243	2.237	4.4	18.6
10 8	23 44.47	+ 9 50.9	1.249	2.221	7.9	18.8
10 18	23 36.19	+ 9 43.4	1.279	2.206	12.4	19.0
10 28	23 30.69	+ 9 37.2	1.330	2.193	16.6	19.2

81012 2000 EZ_{36} 9 22.8 122.°45 0.°1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.66	+ 2 15.5	1.776	2.626	14.6	19.9
8 29	0 21.05	+ 1 46.4	1.715	2.640	10.9	19.7
9 8	0 13.41	+ 1 4.9	1.676	2.653	6.7	19.4
9 18	0 4.44	+ 0 15.4	1.663	2.665	2.2	19.2
9 28	23 55.14	− 0 36.2	1.679	2.677	2.4	19.2
10 8	23 46.54	− 1 23.4	1.722	2.688	6.8	19.5
10 18	23 39.51	− 2 0.9	1.792	2.699	10.7	19.8
10 28	23 34.69	− 2 24.8	1.884	2.710	14.1	20.0

323257 2003 SW_{272} 9 22.8 334.°24 1.°5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.70	+ 5 26.0	2.162	2.999	12.9	20.5
8 29	0 17.97	+ 5 30.3	2.081	2.995	9.9	20.3
9 8	0 11.50	+ 5 23.1	2.022	2.991	6.5	20.1
9 18	0 3.84	+ 5 6.2	1.990	2.987	2.9	19.9
9 28	23 55.74	+ 4 42.6	1.986	2.984	2.1	19.8
10 8	23 48.06	+ 4 16.8	2.010	2.980	5.5	20.0
10 18	23 41.56	+ 3 53.0	2.060	2.977	9.0	20.2
10 28	23 36.87	+ 3 35.5	2.136	2.975	12.1	20.4

263743 2008 JE_{20} 9 22.8 100.°68 5.°2/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.65	−14 8.1	2.352	3.228	10.5	20.8
8 29	0 16.18	−15 40.1	2.309	3.244	8.0	20.6
9 8	0 10.24	−17 10.6	2.292	3.259	5.9	20.5
9 18	0 3.38	−18 32.7	2.302	3.275	5.3	20.5
9 28	23 56.29	−19 40.3	2.341	3.290	6.7	20.6
10 8	23 49.72	−20 28.9	2.406	3.304	8.9	20.8
10 18	23 44.29	−20 56.7	2.496	3.319	11.2	21.0
10 28	23 40.48	−21 4.0	2.608	3.333	13.2	21.2

67053 1999 XZ_{207} 9 22.8 13.°87 9.°4/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.13	−21 7.3	1.301	2.187	16.6	17.9
8 29	0 24.26	−21 43.0	1.257	2.191	13.3	17.7
9 8	0 15.60	−22 7.0	1.235	2.196	10.5	17.5
9 18	0 5.17	−22 10.0	1.234	2.202	9.4	17.5
9 28	23 54.46	−21 45.4	1.258	2.209	10.8	17.6
10 8	23 44.94	−20 51.6	1.304	2.217	13.7	17.8
10 18	23 37.76	−19 31.8	1.372	2.226	16.9	18.0
10 28	23 33.57	−17 51.2	1.458	2.236	19.7	18.3

521387 2015 MV_{142} 9 22.8 5.°69 3.°5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.10	− 6 28.4	1.574	2.458	14.4	20.6
8 29	0 17.97	− 7 16.3	1.514	2.458	10.6	20.4
9 8	0 11.67	− 8 10.2	1.476	2.459	6.6	20.2
9 18	0 3.91	− 9 3.2	1.462	2.460	3.6	20.0
9 28	23 55.72	− 9 47.7	1.475	2.462	5.3	20.1
10 8	23 48.21	−10 17.3	1.514	2.464	9.2	20.4
10 18	23 42.31	−10 28.3	1.576	2.467	13.0	20.6
10 28	23 38.71	−10 19.4	1.659	2.470	16.3	20.8

134210 2005 PQ_{21} 9 22.8 9.°50 0.°1/24.9 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 2.49	+ 5 25.8	37.716	38.531	0.9	22.8
8 29	0 1.83	+ 5 22.5	37.633	38.535	0.7	22.7
9 8	0 1.10	+ 5 18.5	37.576	38.539	0.5	22.7
9 18	0 0.32	+ 5 14.0	37.548	38.542	0.2	22.7
9 28	23 59.54	+ 5 9.1	37.549	38.546	0.1	22.6
10 8	23 58.77	+ 5 4.1	37.580	38.550	0.4	22.7
10 18	23 58.04	+ 4 59.2	37.639	38.554	0.6	22.7
10 28	23 57.39	+ 4 54.5	37.727	38.558	0.8	22.7

193249 2000 SJ_{75} 9 22.8 303.°57 2.°9/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.77	− 3 36.1	1.527	2.408	14.9	19.8
8 29	0 18.01	− 4 30.9	1.447	2.391	11.1	19.5
9 8	0 11.89	− 5 37.2	1.389	2.373	6.8	19.2
9 18	0 4.05	− 6 48.0	1.355	2.356	3.1	18.9
9 28	23 55.51	− 7 54.6	1.348	2.338	4.9	19.0
10 8	23 47.45	− 8 48.4	1.366	2.321	9.4	19.2
10 18	23 40.99	− 9 23.0	1.407	2.305	13.8	19.4
10 28	23 36.97	− 9 35.2	1.469	2.289	17.6	19.7

253510 2003 SY_{149} 9 22.8 345.°40 6.°6/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.51	−11 14.1	1.041	1.948	18.2	19.5
8 29	0 20.79	−11 58.3	0.985	1.939	13.8	19.2
9 8	0 13.90	−12 44.3	0.948	1.931	9.3	18.9
9 18	0 4.74	−13 21.7	0.931	1.924	6.6	18.8
9 28	23 54.84	−13 39.9	0.937	1.919	8.6	18.9
10 8	23 45.92	−13 32.0	0.965	1.914	13.2	19.1
10 18	23 39.40	−12 56.2	1.012	1.911	17.8	19.4
10 28	23 36.20	−11 54.6	1.077	1.909	21.8	19.6

425684 2011 AK_{46} 9 22.8 182.°71 3.°0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.30	+ 9 22.3	1.736	2.564	15.9	21.3
8 29	0 21.05	+ 9 23.4	1.659	2.564	12.5	21.1
9 8	0 13.59	+ 9 6.5	1.604	2.564	8.6	20.9
9 18	0 4.57	+ 8 33.1	1.572	2.564	4.6	20.6
9 28	23 55.00	+ 7 47.2	1.568	2.564	3.2	20.5
10 8	23 45.99	+ 6 55.2	1.591	2.563	6.6	20.8
10 18	23 38.55	+ 6 4.1	1.640	2.562	10.6	21.0
10 28	23 33.43	+ 5 20.6	1.713	2.560	14.2	21.2

278700 2008 RB_{140} 9 22.8 42.°36 0.°2/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.01	+ 4 35.3	1.381	2.250	16.9	19.7
8 29	0 16.53	+ 3 28.8	1.329	2.264	12.6	19.4
9 8	0 10.81	+ 2 3.0	1.298	2.279	7.8	19.2
9 18	0 3.62	+ 0 25.1	1.292	2.294	2.5	18.9
9 28	23 56.08	− 1 14.7	1.311	2.309	2.8	19.0
10 8	23 49.34	− 2 45.8	1.356	2.325	7.8	19.3
10 18	23 44.35	− 3 59.8	1.425	2.342	12.3	19.7
10 28	23 41.74	− 4 51.7	1.516	2.358	16.0	19.9

418927 2009 CQ_{62} 9 22.8 180.°55 3.°8/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.00	− 6 22.0	1.530	2.405	15.2	21.7
8 29	0 22.46	− 7 18.5	1.467	2.407	11.3	21.4
9 8	0 14.50	− 8 21.9	1.426	2.407	7.0	21.2
9 18	0 4.87	− 9 24.5	1.410	2.407	3.9	21.0
9 28	23 54.73	−10 17.6	1.422	2.407	5.6	21.1
10 8	23 45.35	−10 54.3	1.459	2.406	9.8	21.4
10 18	23 37.79	−11 10.4	1.521	2.405	13.8	21.6
10 28	23 32.81	−11 4.9	1.603	2.403	17.3	21.8

70812 1999 VB_{69} 9 22.8 36.°55 5.°0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.46	+16 23.2	1.425	2.247	19.0	18.9
8 29	0 16.20	+16 0.6	1.366	2.260	15.4	18.7
9 8	0 10.66	+15 8.8	1.326	2.273	11.3	18.5
9 18	0 3.60	+13 49.8	1.307	2.288	7.2	18.3
9 28	23 56.12	+12 10.2	1.313	2.303	5.0	18.2
10 8	23 49.42	+10 20.7	1.344	2.319	7.1	18.4
10 18	23 44.45	+ 8 32.9	1.401	2.335	11.0	18.7
10 28	23 41.90	+ 6 57.1	1.481	2.352	14.7	18.9

9542 Eryan 9 22.8 359.°10 5.°9/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.17	−11 16.6	1.229	2.125	16.8	16.3
8 29	0 21.55	−11 58.3	1.175	2.123	12.6	16.0
9 8	0 14.12	−12 41.0	1.140	2.121	8.5	15.8
9 18	0 4.77	−13 15.6	1.129	2.121	5.9	15.7
9 28	23 54.88	−13 33.4	1.141	2.121	7.8	15.8
10 8	23 45.94	−13 28.6	1.177	2.122	11.8	16.0
10 18	23 39.17	−12 59.7	1.235	2.123	16.0	16.3
10 28	23 35.35	−12 8.2	1.311	2.126	19.6	16.5

257392 2009 ST_{203} 9 22.8 261.°70 0.°8/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.34	+ 5 56.5	4.426	5.245	7.1	20.7
8 29	0 10.99	+ 5 39.4	4.338	5.242	5.4	20.5
9 8	0 6.88	+ 5 15.8	4.275	5.239	3.5	20.4
9 18	0 2.27	+ 4 47.2	4.240	5.237	1.6	20.2
9 28	23 57.50	+ 4 15.4	4.236	5.234	1.1	20.2
10 8	23 52.90	+ 3 42.8	4.261	5.231	2.9	20.3
10 18	23 48.80	+ 3 11.6	4.316	5.228	4.9	20.5
10 28	23 45.50	+ 2 44.1	4.398	5.225	6.6	20.6

410972 2009 TB_{35} 9 22.8 326.°90 2.°4/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.02	+10 10.4	2.012	2.842	13.9	20.8
8 29	0 14.67	+ 9 44.9	1.925	2.831	11.0	20.6
9 8	0 9.58	+ 9 1.3	1.859	2.820	7.5	20.3
9 18	0 3.25	+ 8 1.8	1.818	2.810	4.0	20.1
9 28	23 56.44	+ 6 50.8	1.804	2.801	2.6	20.0
10 8	23 50.02	+ 5 35.2	1.818	2.791	5.7	20.2
10 18	23 44.77	+ 4 21.9	1.858	2.782	9.4	20.4
10 28	23 41.34	+ 3 17.6	1.923	2.774	12.7	20.6

112489 2002 PG_3 9 22.8 238.°10 6.°5/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.99	+21 32.7	2.171	2.924	15.4	20.2
8 29	0 18.42	+21 48.4	2.076	2.915	13.1	20.0
9 8	0 11.93	+21 42.0	2.000	2.906	10.5	19.8
9 18	0 4.06	+21 12.0	1.947	2.896	8.0	19.6
9 28	23 55.59	+20 19.7	1.920	2.886	6.5	19.5
10 8	23 47.49	+19 9.4	1.921	2.875	7.2	19.5
10 18	23 40.62	+17 48.2	1.948	2.865	9.5	19.7
10 28	23 35.70	+16 24.2	2.000	2.854	12.2	19.8

468863 2013 PW_4 9 22.8 74.°37 2.°3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.28	+ 7 3.8	1.303	2.157	18.7	21.5
8 29	0 22.17	+ 6 59.2	1.247	2.169	14.4	21.3
9 8	0 14.40	+ 6 34.3	1.211	2.182	9.5	21.0
9 18	0 4.86	+ 5 52.1	1.198	2.195	4.4	20.8
9 28	23 54.84	+ 4 59.0	1.210	2.208	3.0	20.7
10 8	23 45.77	+ 4 3.9	1.247	2.221	7.7	21.1
10 18	23 38.77	+ 3 15.0	1.308	2.234	12.4	21.4
10 28	23 34.61	+ 2 38.9	1.391	2.247	16.4	21.7

67205 2000 DB_7 9 22.8 319.°80 0.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.04	+ 1 50.7	2.049	2.903	12.8	18.7
8 29	0 16.87	+ 1 35.6	1.964	2.891	9.6	18.5
9 8	0 10.91	+ 1 9.9	1.902	2.879	6.0	18.3
9 18	0 3.70	+ 0 36.7	1.866	2.868	2.0	18.0
9 28	23 56.00	+ 0 0.4	1.858	2.856	2.1	18.0
10 8	23 48.69	− 0 33.8	1.877	2.845	6.1	18.2
10 18	23 42.57	− 1 1.3	1.923	2.835	9.9	18.4
10 28	23 38.30	− 1 18.1	1.992	2.825	13.1	18.6

317743 2003 SM_{35} 9 22.8 117.°87 1.°3/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.43	− 3 4.5	2.427	3.282	11.0	20.5
8 29	0 18.22	− 3 23.6	2.359	3.288	8.1	20.3
9 8	0 11.52	− 3 48.0	2.315	3.294	4.9	20.1
9 18	0 3.85	− 4 14.5	2.298	3.300	1.8	19.9
9 28	23 55.89	− 4 38.9	2.311	3.305	2.6	20.0
10 8	23 48.39	− 4 57.6	2.353	3.311	5.9	20.2
10 18	23 42.01	− 5 7.8	2.423	3.316	8.9	20.4
10 28	23 37.24	− 5 7.3	2.516	3.321	11.6	20.6

253667 2003 UX_{186} 9 22.8 314.°36 0.°6/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.23	+ 3 43.0	1.234	2.110	18.1	20.9
8 29	0 18.87	+ 3 24.7	1.156	2.093	13.9	20.6
9 8	0 12.71	+ 2 46.7	1.097	2.077	8.9	20.3
9 18	0 4.42	+ 1 52.9	1.061	2.062	3.2	19.9
9 28	23 55.20	+ 0 50.9	1.048	2.047	2.9	19.9
10 8	23 46.56	− 0 9.5	1.059	2.033	8.8	20.2
10 18	23 39.85	− 0 59.0	1.093	2.019	14.2	20.4
10 28	23 36.08	− 1 30.3	1.146	2.006	18.9	20.7

303559 2005 GT_{51} 9 22.8 26.°15 1.°8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.01	+ 7 56.7	1.824	2.664	14.7	20.8
8 29	0 16.97	+ 7 28.2	1.750	2.665	11.4	20.5
9 8	0 11.01	+ 6 42.2	1.698	2.666	7.5	20.3
9 18	0 3.74	+ 5 41.6	1.671	2.668	3.5	20.1
9 28	23 56.02	+ 4 32.2	1.671	2.669	2.3	20.0
10 8	23 48.83	+ 3 21.3	1.698	2.671	6.1	20.3
10 18	23 43.02	+ 2 15.9	1.752	2.673	10.1	20.5
10 28	23 39.23	+ 1 22.2	1.829	2.675	13.5	20.7

95284 2002 CH_{83} 9 22.9 87.°06 1.°4/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.55	− 1 56.3	2.144	3.005	12.0	19.7
8 29	0 17.02	− 2 36.3	2.078	3.012	8.9	19.5
9 8	0 10.87	− 3 24.1	2.037	3.018	5.3	19.3
9 18	0 3.66	− 4 15.0	2.022	3.024	1.9	19.1
9 28	23 56.13	− 5 3.8	2.036	3.030	3.0	19.2
10 8	23 49.11	− 5 45.1	2.078	3.036	6.5	19.4
10 18	23 43.29	− 6 15.1	2.147	3.042	9.8	19.6
10 28	23 39.21	− 6 31.3	2.239	3.048	12.7	19.8

134291 2006 DZ_6 9 22.9 249.°94 1.°7/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.42	+ 7 8.1	2.642	3.462	11.3	20.5
8 29	0 17.56	+ 7 4.7	2.545	3.448	8.8	20.3
9 8	0 11.21	+ 6 50.3	2.472	3.434	5.9	20.1
9 18	0 3.80	+ 6 26.2	2.426	3.420	2.9	19.9
9 28	23 55.96	+ 5 55.2	2.409	3.406	2.0	19.8
10 8	23 48.39	+ 5 21.0	2.421	3.391	4.8	20.0
10 18	23 41.76	+ 4 47.7	2.462	3.376	7.9	20.2
10 28	23 36.63	+ 4 19.3	2.528	3.361	10.7	20.3

248612 2006 DO_{135} 9 22.9 37.°01 0.°9/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.85	+ 0 16.3	0.891	1.790	21.3	19.7
8 29	0 21.60	− 0 3.3	0.860	1.810	15.8	19.4
9 8	0 14.18	− 0 39.6	0.846	1.831	9.6	19.2
9 18	0 4.77	− 1 24.9	0.852	1.854	3.0	18.9
9 28	23 55.12	− 2 9.2	0.880	1.878	3.8	19.0
10 8	23 46.91	− 2 42.7	0.930	1.903	9.8	19.5
10 18	23 41.36	− 2 59.3	1.001	1.929	15.1	19.9
10 28	23 39.12	− 2 56.2	1.091	1.955	19.4	20.2

94392 2001 SU_{133} 9 22.9 310.°09 2.°0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.16	+ 5 49.2	1.244	2.107	18.8	19.8
8 29	0 21.73	+ 5 50.7	1.174	2.102	14.6	19.5
9 8	0 14.41	+ 5 32.5	1.123	2.097	9.6	19.2
9 18	0 4.97	+ 4 57.0	1.093	2.092	4.2	18.9
9 28	23 54.72	+ 4 10.0	1.088	2.087	3.0	18.8
10 8	23 45.21	+ 3 20.2	1.108	2.083	8.3	19.1
10 18	23 37.77	+ 2 36.5	1.151	2.079	13.5	19.4
10 28	23 33.36	+ 2 6.1	1.215	2.075	18.0	19.6

403400 2009 RX_{36} 9 22.9 267.°10 3.°8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.01	+12 58.8	2.312	3.111	13.3	20.8
8 29	0 18.19	+13 15.0	2.226	3.108	10.7	20.6
9 8	0 11.67	+13 15.9	2.162	3.105	7.9	20.4
9 18	0 3.97	+13 1.7	2.123	3.101	5.1	20.2
9 28	23 55.81	+12 34.3	2.111	3.098	3.8	20.1
10 8	23 48.03	+11 57.9	2.128	3.095	5.6	20.2
10 18	23 41.37	+11 17.4	2.172	3.092	8.5	20.4
10 28	23 36.45	+10 38.2	2.242	3.089	11.3	20.6

286676 2002 EE_{145} 9 22.9 210.°37 0.°3/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.33	+ 2 56.2	2.340	3.188	11.6	21.3
8 29	0 15.34	+ 1 59.8	2.261	3.185	8.7	21.1
9 8	0 9.85	+ 0 51.4	2.206	3.183	5.3	20.9
9 18	0 3.34	− 0 24.7	2.178	3.180	1.7	20.6
9 28	23 56.49	− 1 42.8	2.180	3.177	2.1	20.6
10 8	23 50.02	− 2 56.7	2.210	3.174	5.7	20.9
10 18	23 44.59	− 4 1.2	2.269	3.171	9.0	21.1
10 28	23 40.73	− 4 52.0	2.351	3.167	11.9	21.3

432261 2009 RL_{64} 9 22.9 62.°89 0.°7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.10	− 2 6.2	4.255	5.103	6.8	21.3
8 29	0 11.57	− 2 29.0	4.179	5.105	5.0	21.2
9 8	0 7.26	− 2 55.5	4.128	5.107	3.0	21.0
9 18	0 2.44	− 3 23.5	4.107	5.109	1.0	20.9
9 28	23 57.47	− 3 51.0	4.116	5.110	1.5	20.9
10 8	23 52.70	− 4 15.5	4.155	5.112	3.6	21.1
10 18	23 48.47	− 4 35.2	4.223	5.114	5.5	21.2
10 28	23 45.07	− 4 48.5	4.316	5.116	7.2	21.3

449357 2013 GY_{52} 9 22.9 19.°09 1.°8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.24	− 2 22.0	1.945	2.815	12.7	20.8
8 29	0 16.24	− 3 9.8	1.880	2.817	9.4	20.6
9 8	0 10.49	− 4 6.2	1.838	2.820	5.6	20.4
9 18	0 3.57	− 5 5.8	1.822	2.823	2.2	20.2
9 28	23 56.30	− 6 2.4	1.834	2.826	3.4	20.3
10 8	23 49.55	− 6 49.8	1.873	2.830	7.2	20.5
10 18	23 44.07	− 7 23.7	1.938	2.834	10.7	20.8
10 28	23 40.46	− 7 41.4	2.025	2.838	13.7	21.0

106002 2000 SE_{284} 9 22.9 195.°10 2.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.06	+ 6 56.5	1.561	2.402	16.7	20.1
8 29	0 22.63	+ 6 55.9	1.486	2.401	13.0	19.8
9 8	0 14.72	+ 6 37.8	1.431	2.399	8.6	19.6
9 18	0 5.04	+ 6 4.3	1.401	2.397	4.1	19.3
9 28	23 54.72	+ 5 19.9	1.397	2.395	2.8	19.2
10 8	23 45.03	+ 4 32.0	1.421	2.393	7.2	19.5
10 18	23 37.11	+ 3 47.6	1.469	2.390	11.7	19.7
10 28	23 31.76	+ 3 13.2	1.540	2.386	15.6	20.0

301446 2009 DX_{82} 9 22.9 316.°84 2.°1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.26	− 1 57.0	1.666	2.542	14.1	20.2
8 29	0 16.65	− 2 52.6	1.590	2.531	10.5	20.0
9 8	0 10.96	− 4 0.0	1.536	2.519	6.4	19.7
9 18	0 3.78	− 5 12.9	1.507	2.509	2.5	19.5
9 28	23 56.04	− 6 23.3	1.505	2.498	4.0	19.5
10 8	23 48.81	− 7 23.3	1.530	2.488	8.3	19.8
10 18	23 43.01	− 8 6.7	1.579	2.478	12.4	20.0
10 28	23 39.39	− 8 30.0	1.649	2.469	16.0	20.2

403167 2008 GX_{99} 9 22.9 211.°49 4.°4/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.97	−12 24.3	2.266	3.137	11.1	21.0
8 29	0 18.80	−13 10.4	2.200	3.134	8.4	20.9
9 8	0 11.98	−13 56.4	2.158	3.132	5.7	20.7
9 18	0 4.06	−14 36.7	2.144	3.129	4.4	20.6
9 28	23 55.80	−15 6.1	2.158	3.126	5.7	20.7
10 8	23 48.04	−15 20.7	2.199	3.123	8.3	20.9
10 18	23 41.49	−15 18.6	2.266	3.120	11.1	21.0
10 28	23 36.72	−14 59.6	2.355	3.116	13.5	21.2

438580 2007 UP_{91} 9 22.9 351.°78 2.°0/24.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.03	+ 8 3.9	1.696	2.539	15.5	21.5
8 29	0 17.16	+ 7 43.4	1.621	2.537	12.0	21.3
9 8	0 11.24	+ 7 4.4	1.567	2.535	8.0	21.1
9 18	0 3.87	+ 6 9.8	1.538	2.534	3.8	20.8
9 28	23 56.00	+ 5 5.0	1.535	2.533	2.5	20.7
10 8	23 48.66	+ 3 57.5	1.559	2.532	6.5	21.0
10 18	23 42.79	+ 2 55.1	1.608	2.532	10.6	21.2
10 28	23 39.09	+ 2 4.0	1.681	2.532	14.3	21.5

510023 2010 AT_{125} 9 22.9 26.°30 12.°8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.45	−27 20.8	1.549	2.434	14.6	19.8
8 29	0 17.16	−31 11.6	1.528	2.438	13.0	19.7
9 8	0 11.42	−34 44.9	1.534	2.443	12.9	19.7
9 18	0 3.96	−37 44.6	1.564	2.448	14.0	19.8
9 28	23 55.91	−39 59.0	1.619	2.454	16.0	20.0
10 8	23 48.56	−41 24.4	1.692	2.460	18.0	20.1
10 18	23 43.02	−42 3.1	1.782	2.467	19.9	20.3
10 28	23 40.05	−42 1.1	1.884	2.474	21.3	20.5

513700 2012 CQ_{40} 9 22.9 151.°26 3.°2/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.22	− 8 52.2	2.672	3.540	9.7	22.2
8 29	0 15.78	− 9 56.0	2.610	3.546	7.2	22.1
9 8	0 10.02	−11 2.1	2.574	3.551	4.6	21.9
9 18	0 3.40	−12 5.7	2.566	3.557	3.2	21.8
9 28	23 56.54	−13 1.6	2.588	3.562	4.4	21.9
10 8	23 50.07	−13 45.7	2.638	3.566	6.9	22.1
10 18	23 44.56	−14 15.3	2.714	3.571	9.4	22.3
10 28	23 40.48	−14 29.1	2.814	3.575	11.6	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
139267	2001 HV_{56}		9 22.9	239.°22	2.°1/21.1	18
	h m	° ′			°	m
8 19	0 26.51	− 2 43.1	1.735	2.600	14.2	20.5
8 29	0 21.31	− 3 25.3	1.653	2.588	10.6	20.2
9 8	0 13.85	− 4 17.4	1.595	2.576	6.5	20.0
9 18	0 4.77	− 5 14.0	1.561	2.562	2.5	19.7
9 28	23 55.05	− 6 7.9	1.556	2.549	3.9	19.8
10 8	23 45.82	− 6 52.1	1.578	2.535	8.3	20.0
10 18	23 38.11	− 7 21.3	1.625	2.520	12.4	20.2
10 28	23 32.72	− 7 32.5	1.694	2.505	16.0	20.4
178390	1998 EC_{10}		9 22.9	206.°02	1.°9/25.3	18
8 19	0 23.03	+ 8 42.6	2.721	3.530	11.2	21.4
8 29	0 17.95	+ 8 33.4	2.629	3.525	8.8	21.2
9 8	0 11.43	+ 8 12.3	2.561	3.519	6.0	21.0
9 18	0 3.91	+ 7 40.6	2.520	3.512	3.1	20.8
9 28	23 56.01	+ 7 1.3	2.509	3.505	2.1	20.8
10 8	23 48.43	+ 6 18.3	2.527	3.497	4.7	20.9
10 18	23 41.78	+ 5 35.9	2.575	3.489	7.6	21.1
10 28	23 36.61	+ 4 58.2	2.648	3.480	10.3	21.3
417948	2007 TY_{19}		9 22.9	53.°58	1.°4/22.1	17
8 19	0 30.95	− 2 13.1	1.120	2.002	19.1	20.1
8 29	0 25.11	− 2 16.0	1.075	2.017	14.2	19.9
9 8	0 16.29	− 2 29.5	1.050	2.033	8.6	19.6
9 18	0 5.55	− 2 48.0	1.047	2.049	2.8	19.4
9 28	23 54.43	− 3 4.5	1.069	2.066	3.8	19.5
10 8	23 44.57	− 3 12.4	1.115	2.083	9.3	19.8
10 18	23 37.17	− 3 7.5	1.183	2.100	14.3	20.2
10 28	23 32.98	− 2 47.8	1.272	2.117	18.3	20.5
390566	2001 DZ_{62}		9 22.9	238.°96	0.°8/23.7	18
8 19	0 24.38	+ 4 40.3	2.163	2.999	12.9	21.8
8 29	0 19.36	+ 4 19.7	2.070	2.985	9.9	21.6
9 8	0 12.50	+ 3 46.5	2.000	2.971	6.3	21.4
9 18	0 4.32	+ 3 3.1	1.957	2.956	2.5	21.1
9 28	23 55.60	+ 2 13.9	1.943	2.941	1.9	21.0
10 8	23 47.22	+ 1 24.4	1.957	2.926	5.9	21.3
10 18	23 40.02	+ 0 40.0	1.999	2.909	9.6	21.5
10 28	23 34.67	+ 0 5.3	2.065	2.893	12.9	21.6
435075	2007 BT_{12}		9 22.9	217.°26	4.°5/18.7	16
8 19	0 23.99	− 7 49.4	1.596	2.478	14.3	21.1
8 29	0 19.45	− 9 3.8	1.533	2.477	10.6	20.9
9 8	0 12.68	−10 24.2	1.494	2.475	6.8	20.6
9 18	0 4.38	−11 42.3	1.480	2.473	4.5	20.5
9 28	23 55.59	−12 48.8	1.492	2.471	6.4	20.6
10 8	23 47.46	−13 36.4	1.530	2.469	10.1	20.8
10 18	23 40.97	−14 1.0	1.592	2.467	13.8	21.1
10 28	23 36.84	−14 1.7	1.674	2.465	17.0	21.3
105493	2000 QB_{228}		9 22.9	5.°83	0.°9/22.1	18
8 19	0 21.82	− 0 23.8	1.739	2.607	14.1	19.2
8 29	0 17.64	− 0 49.9	1.672	2.607	10.5	19.0
9 8	0 11.48	− 1 26.3	1.626	2.608	6.4	18.7
9 18	0 3.97	− 2 8.7	1.607	2.609	2.1	18.5
9 28	23 56.03	− 2 50.9	1.614	2.610	2.8	18.5
10 8	23 48.67	− 3 27.0	1.647	2.613	7.1	18.8
10 18	23 42.75	− 3 52.0	1.706	2.615	11.1	19.0
10 28	23 38.94	− 4 2.7	1.788	2.618	14.5	19.3
225838	2001 XM_{94}		9 22.9	295.°94	5.°5/27.4	18
8 19	0 23.15	+14 39.6	1.585	2.401	17.7	20.2
8 29	0 19.23	+14 59.1	1.491	2.381	14.5	20.0
9 8	0 12.84	+14 55.6	1.416	2.362	10.9	19.7
9 18	0 4.54	+14 27.8	1.364	2.342	7.3	19.5
9 28	23 55.34	+13 37.6	1.336	2.323	5.6	19.3
10 8	23 46.49	+12 31.1	1.333	2.304	7.7	19.4
10 18	23 39.21	+11 17.3	1.356	2.285	11.7	19.6
10 28	23 34.46	+10 6.2	1.401	2.267	15.7	19.8
114303	2002 XU_{46}		9 22.9	238.°17	1.°9/21.2	18
8 19	0 25.56	− 2 27.6	1.745	2.611	14.1	20.6
8 29	0 20.55	− 3 8.6	1.667	2.602	10.5	20.4
9 8	0 13.37	− 3 59.4	1.612	2.593	6.4	20.1
9 18	0 4.63	− 4 54.7	1.582	2.583	2.4	19.8
9 28	23 55.32	− 5 47.5	1.580	2.573	3.8	19.9
10 8	23 46.52	− 6 30.9	1.605	2.563	8.1	20.1
10 18	23 39.23	− 6 59.8	1.656	2.552	12.1	20.4
10 28	23 34.20	− 7 11.3	1.728	2.541	15.7	20.6
50771	2000 FH_5		9 22.9	220.°86	4.°2/17.8	18
8 19	0 23.97	−11 37.5	2.421	3.288	10.6	19.8
8 29	0 18.80	−12 37.3	2.345	3.279	8.0	19.6
9 8	0 12.02	−13 38.5	2.295	3.269	5.4	19.4
9 18	0 4.14	−14 35.3	2.273	3.258	4.2	19.3
9 28	23 55.86	−15 22.1	2.280	3.247	5.5	19.4
10 8	23 47.98	−15 54.3	2.314	3.235	8.2	19.5
10 18	23 41.20	−16 9.5	2.375	3.222	10.9	19.7
10 28	23 36.10	−16 6.9	2.458	3.209	13.3	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
40930	1999 TJ_{189}		9 22.9	68.°59	3.°3/26.4	18
	h m	° ′			°	m
8 19	0 23.13	+11 23.6	2.198	3.007	13.6	18.9
8 29	0 18.31	+11 34.0	2.119	3.010	10.8	18.7
9 8	0 11.78	+11 29.1	2.063	3.013	7.7	18.5
9 18	0 4.06	+11 9.7	2.032	3.016	4.7	18.3
9 28	23 55.94	+10 38.4	2.029	3.020	3.4	18.3
10 8	23 48.26	+ 9 59.7	2.054	3.023	5.5	18.4
10 18	23 41.77	+ 9 18.9	2.106	3.027	8.6	18.6
10 28	23 37.09	+ 8 41.1	2.183	3.030	11.6	18.8
434286	2003 YR_{159}		9 22.9	332.°41	17.°9/11.8	18
8 19	0 22.94	+41 2.1	1.613	2.250	23.8	20.2
8 29	0 19.96	+43 11.1	1.528	2.232	22.6	20.0
9 8	0 13.83	+44 48.7	1.456	2.216	21.2	19.9
9 18	0 5.02	+45 45.5	1.397	2.201	19.8	19.7
9 28	23 54.74	+45 53.8	1.353	2.186	18.6	19.6
10 8	23 44.70	+45 11.9	1.326	2.172	18.0	19.5
10 18	23 36.67	+43 44.0	1.316	2.160	18.1	19.5
10 28	23 32.05	+41 41.4	1.325	2.149	18.9	19.5
132351	2002 GT_{52}		9 22.9	202.°74	0.°1/23.0	18 R
8 19	0 23.22	+ 3 34.0	2.080	2.924	13.0	21.1
8 29	0 18.46	+ 2 53.3	1.999	2.921	9.8	20.9
9 8	0 11.91	+ 1 59.5	1.942	2.917	6.1	20.6
9 18	0 4.13	+ 0 56.4	1.911	2.912	2.1	20.4
9 28	23 55.91	− 0 10.3	1.909	2.908	2.1	20.4
10 8	23 48.12	− 1 14.1	1.936	2.902	6.1	20.6
10 18	23 41.57	− 2 9.4	1.990	2.897	9.9	20.8
10 28	23 36.89	− 2 51.6	2.068	2.890	13.1	21.0
389328	2009 SU_{253}		9 22.9	234.°97	0.°7/24.3	18
8 19	0 14.74	+ 5 3.6	4.763	5.583	6.6	21.8
8 29	0 11.28	+ 4 50.6	4.672	5.578	5.0	21.7
9 8	0 7.11	+ 4 32.1	4.606	5.572	3.2	21.6
9 18	0 2.47	+ 4 9.2	4.570	5.567	1.4	21.4
9 28	23 57.66	+ 3 43.8	4.563	5.562	1.0	21.4
10 8	23 53.02	+ 3 17.6	4.587	5.556	2.8	21.5
10 18	23 48.83	+ 2 52.9	4.641	5.551	4.6	21.7
10 28	23 45.39	+ 2 31.4	4.721	5.545	6.2	21.8
102950	1999 XF_{56}		9 22.9	59.°87	4.°0/26.3	18
8 19	0 24.23	+12 5.5	1.356	2.193	19.0	19.0
8 29	0 19.91	+11 58.4	1.298	2.205	15.1	18.8
9 8	0 13.08	+11 26.1	1.258	2.218	10.6	18.6
9 18	0 4.55	+10 30.5	1.241	2.230	6.1	18.4
9 28	23 55.55	+ 9 17.9	1.248	2.243	4.1	18.3
10 8	23 47.38	+ 7 57.9	1.281	2.256	7.4	18.5
10 18	23 41.14	+ 6 40.6	1.338	2.269	11.7	18.8
10 28	23 37.57	+ 5 34.9	1.418	2.282	15.6	19.1
138182	2000 EC_{111}		9 22.9	83.°18	3.°9/20.2	18
8 19	0 34.80	−11 41.4	1.909	2.767	13.4	19.3
8 29	0 26.88	−11 43.5	1.856	2.785	10.0	19.1
9 8	0 16.92	−11 43.8	1.828	2.802	6.5	18.9
9 18	0 5.74	−11 37.6	1.828	2.820	4.0	18.8
9 28	23 54.39	−11 21.2	1.856	2.837	5.1	18.9
10 8	23 43.96	−10 52.4	1.914	2.854	8.3	19.2
10 18	23 35.29	−10 11.1	1.998	2.871	11.5	19.4
10 28	23 28.96	− 9 18.2	2.106	2.888	14.3	19.6
397856	2008 TZ_{109}		9 22.9	280.°23	3.°7/19.4	18
8 19	0 22.97	− 6 9.9	1.696	2.574	13.8	20.7
8 29	0 18.72	− 7 12.9	1.618	2.560	10.3	20.4
9 8	0 12.31	− 8 23.9	1.564	2.546	6.5	20.2
9 18	0 4.33	− 9 35.8	1.535	2.531	3.7	20.0
9 28	23 55.74	−10 40.2	1.533	2.517	5.5	20.1
10 8	23 47.64	−11 29.5	1.557	2.502	9.4	20.3
10 18	23 41.02	−11 58.8	1.605	2.488	13.3	20.5
10 28	23 36.65	−12 5.9	1.674	2.473	16.7	20.7
494652	2017 DM_{94}		9 22.9	281.°37	3.°2/26.5	17
8 19	0 21.33	+11 47.6	2.434	3.238	12.6	21.4
8 29	0 16.93	+11 52.2	2.340	3.228	10.1	21.2
9 8	0 10.95	+11 42.3	2.269	3.218	7.2	21.0
9 18	0 3.83	+11 18.6	2.224	3.207	4.4	20.9
9 28	23 56.27	+10 43.4	2.206	3.197	3.2	20.8
10 8	23 49.01	+10 0.9	2.217	3.187	5.2	20.9
10 18	23 42.76	+ 9 15.9	2.256	3.176	8.2	21.0
10 28	23 38.12	+ 8 33.6	2.320	3.166	11.0	21.2
257197	2008 RG_{33}		9 22.9	9.°90	0.°8/24.4	18
8 19	0 15.49	+ 5 20.0	4.239	5.060	7.3	20.3
8 29	0 11.91	+ 5 9.4	4.155	5.061	5.6	20.2
9 8	0 7.53	+ 4 52.5	4.096	5.061	3.6	20.0
9 18	0 2.63	+ 4 30.7	4.065	5.062	1.6	19.9
9 28	23 57.56	+ 4 5.9	4.064	5.062	1.1	19.8
10 8	23 52.67	+ 3 40.2	4.093	5.063	3.0	20.0
10 18	23 48.33	+ 3 16.0	4.152	5.063	5.0	20.1
10 28	23 44.82	+ 2 55.3	4.237	5.064	6.8	20.3

461140 2015 TV_{105} 9 22.9 261.°65 3.°0/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.51	+14 19.6	2.524	3.318	12.4	21.7
8 29	0 14.77	+13 43.5	2.427	3.308	10.0	21.5
9 8	0 9.57	+12 49.3	2.353	3.298	7.2	21.3
9 18	0 3.37	+11 38.6	2.304	3.287	4.4	21.1
9 28	23 56.77	+10 15.3	2.284	3.276	3.0	21.0
10 8	23 50.48	+ 8 45.2	2.294	3.265	4.9	21.1
10 18	23 45.15	+ 7 14.6	2.332	3.254	7.8	21.3
10 28	23 41.32	+ 5 49.9	2.397	3.243	10.7	21.4

514184 2015 MX_{78} 9 22.9 172.°28 3.°1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.46	− 4 54.7	1.922	2.795	12.7	21.6
8 29	0 17.23	− 6 10.0	1.856	2.796	9.3	21.4
9 8	0 11.18	− 7 32.9	1.815	2.797	5.7	21.2
9 18	0 3.91	− 8 56.7	1.800	2.797	3.2	21.0
9 28	23 56.24	−10 13.5	1.813	2.798	4.8	21.1
10 8	23 49.10	−11 16.4	1.854	2.798	8.2	21.3
10 18	23 43.27	−12 0.9	1.920	2.798	11.7	21.6
10 28	23 39.36	−12 24.8	2.008	2.798	14.6	21.8

403427 2009 ST_{130} 9 22.9 337.°33 3.°6/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.32	− 9 41.8	2.066	2.938	12.0	20.6
8 29	0 19.25	−10 8.3	1.997	2.934	8.9	20.4
9 8	0 12.38	−10 36.1	1.951	2.930	5.8	20.2
9 18	0 4.30	−11 0.4	1.932	2.926	3.6	20.1
9 28	23 55.84	−11 16.2	1.941	2.922	4.9	20.2
10 8	23 47.91	−11 19.5	1.977	2.919	8.0	20.4
10 18	23 41.28	−11 8.3	2.039	2.916	11.1	20.6
10 28	23 36.56	−10 42.0	2.123	2.913	13.9	20.8

161837 2006 XZ_{63} 9 22.9 7.°40 0.°5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.67	+ 3 56.5	1.663	2.528	14.7	19.0
8 29	0 14.65	+ 2 42.2	1.595	2.529	11.0	18.8
9 8	0 9.71	+ 1 10.1	1.550	2.530	6.8	18.6
9 18	0 3.44	− 0 33.3	1.529	2.532	2.1	18.3
9 28	23 56.74	− 2 19.0	1.536	2.534	2.7	18.3
10 8	23 50.59	− 3 57.3	1.570	2.537	7.3	18.6
10 18	23 45.85	− 5 20.0	1.630	2.540	11.4	18.9
10 28	23 43.14	− 6 21.8	1.712	2.544	14.9	19.1

123398 2000 WL_{79} 9 22.9 37.°74 0.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.31	+ 1 51.5	1.487	2.353	16.1	19.1
8 29	0 19.77	+ 1 31.7	1.427	2.360	12.1	18.9
9 8	0 12.91	+ 0 58.2	1.387	2.367	7.5	18.6
9 18	0 4.51	+ 0 15.4	1.372	2.374	2.5	18.3
9 28	23 55.66	− 0 30.0	1.383	2.382	2.6	18.4
10 8	23 47.55	− 1 10.9	1.420	2.390	7.5	18.7
10 18	23 41.18	− 1 41.4	1.481	2.398	11.9	19.0
10 28	23 37.26	− 1 57.2	1.565	2.406	15.6	19.2

318200 2004 RJ_{139} 9 22.9 4.°29 1.°5/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.14	+ 0 6.9	1.826	2.696	13.4	20.3
8 29	0 14.85	− 1 1.7	1.759	2.696	9.9	20.1
9 8	0 9.76	− 2 22.7	1.714	2.697	5.9	19.9
9 18	0 3.45	− 3 50.0	1.696	2.698	2.1	19.6
9 28	23 56.75	− 5 15.7	1.705	2.699	3.4	19.7
10 8	23 50.55	− 6 31.9	1.741	2.701	7.4	20.0
10 18	23 45.64	− 7 32.5	1.803	2.703	11.1	20.2
10 28	23 42.63	− 8 13.9	1.887	2.705	14.3	20.4

151438 2002 GL_7 9 22.9 165.°21 2.°5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.41	− 6 11.5	2.486	3.351	10.5	20.6
8 29	0 16.79	− 7 2.0	2.418	3.353	7.7	20.4
9 8	0 10.74	− 7 56.8	2.376	3.356	4.8	20.2
9 18	0 3.74	− 8 51.1	2.361	3.358	2.6	20.1
9 28	23 56.46	− 9 40.0	2.376	3.360	3.8	20.2
10 8	23 49.59	−10 18.9	2.419	3.362	6.6	20.4
10 18	23 43.75	−10 44.8	2.489	3.363	9.5	20.5
10 28	23 39.45	−10 56.2	2.582	3.364	11.9	20.7

318634 2005 LG_7 9 22.9 227.°98 5.°8/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.96	−33 13.9	4.463	5.291	6.9	20.3
8 29	0 13.77	−34 2.2	4.423	5.289	6.2	20.2
9 8	0 8.68	−34 42.3	4.408	5.287	5.9	20.2
9 18	0 3.02	−35 11.1	4.419	5.285	6.0	20.2
9 28	23 57.21	−35 26.4	4.455	5.283	6.7	20.3
10 8	23 51.68	−35 26.8	4.516	5.281	7.5	20.3
10 18	23 46.82	−35 12.5	4.598	5.279	8.5	20.4
10 28	23 42.95	−34 44.1	4.699	5.277	9.3	20.5

439007 2010 XV_{69} 9 22.9 266.°72 0.°4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.74	+ 2 50.9	1.870	2.718	14.1	22.5
8 29	0 20.88	+ 1 58.5	1.763	2.687	10.7	22.3
9 8	0 13.76	+ 0 49.3	1.678	2.655	6.7	21.9
9 18	0 4.90	− 0 32.8	1.619	2.621	2.2	21.6
9 28	23 55.15	− 2 0.8	1.590	2.587	2.7	21.6
10 8	23 45.61	− 3 26.0	1.588	2.552	7.6	21.8
10 18	23 37.35	− 4 40.3	1.614	2.515	12.1	22.0
10 28	23 31.27	− 5 37.4	1.662	2.478	16.1	22.1

472693 2015 FY_2 9 22.9 205.°55 4.°4/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.74	− 8 52.9	1.878	2.749	13.0	22.3
8 29	0 21.29	−10 2.5	1.807	2.744	9.7	22.1
9 8	0 13.76	−11 16.5	1.761	2.738	6.3	21.9
9 18	0 4.81	−12 27.7	1.741	2.732	4.4	21.8
9 28	23 55.35	−13 28.2	1.749	2.725	6.0	21.9
10 8	23 46.45	−14 11.7	1.785	2.717	9.4	22.0
10 18	23 39.01	−14 34.5	1.845	2.708	12.8	22.2
10 28	23 33.73	−14 35.9	1.927	2.699	15.8	22.4

383154 2005 UL_{323} 9 22.9 275.°50 2.°1/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.93	− 2 43.7	1.661	2.532	14.5	21.5
8 29	0 20.33	− 3 25.0	1.575	2.513	10.8	21.3
9 8	0 13.40	− 4 17.0	1.511	2.493	6.7	21.0
9 18	0 4.75	− 5 14.2	1.473	2.474	2.6	20.7
9 28	23 55.36	− 6 9.0	1.461	2.454	4.1	20.7
10 8	23 46.41	− 6 54.1	1.476	2.434	8.6	21.0
10 18	23 38.97	− 7 23.7	1.516	2.414	12.9	21.2
10 28	23 33.90	− 7 34.3	1.577	2.394	16.7	21.4

271535 2004 HH_{56} 9 22.9 107.°53 4.°4/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.93	+13 40.1	1.642	2.457	17.2	20.6
8 29	0 20.18	+13 40.1	1.572	2.464	13.8	20.4
9 8	0 13.17	+13 17.5	1.522	2.472	10.0	20.2
9 18	0 4.62	+12 33.1	1.496	2.479	6.2	20.0
9 28	23 55.57	+11 31.2	1.495	2.486	4.4	19.9
10 8	23 47.16	+10 19.3	1.521	2.493	6.9	20.1
10 18	23 40.40	+ 9 5.9	1.573	2.499	10.6	20.3
10 28	23 36.02	+ 7 59.5	1.648	2.506	14.2	20.6

211291 2002 RG_{169} 9 22.9 15.°15 0.°5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.02	+ 2 10.3	1.778	2.639	14.1	20.6
8 29	0 17.05	+ 1 20.6	1.709	2.640	10.6	20.3
9 8	0 11.15	+ 0 17.1	1.661	2.641	6.5	20.1
9 18	0 3.93	− 0 55.2	1.639	2.641	2.1	19.8
9 28	23 56.28	− 2 9.1	1.645	2.642	2.6	19.9
10 8	23 49.17	− 3 16.9	1.678	2.643	7.0	20.2
10 18	23 43.46	− 4 12.5	1.736	2.645	11.0	20.4
10 28	23 39.78	− 4 51.3	1.818	2.646	14.4	20.6

476064 2007 SR_{13} 9 22.9 12.°08 0.°6/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.70	+ 1 24.0	1.475	2.339	16.3	20.5
8 29	0 21.65	+ 1 38.4	1.410	2.341	12.4	20.2
9 8	0 14.15	+ 1 41.5	1.365	2.343	7.8	20.0
9 18	0 4.96	+ 1 35.8	1.345	2.346	2.8	19.7
9 28	23 55.24	+ 1 25.8	1.351	2.350	2.5	19.7
10 8	23 46.25	+ 1 16.6	1.383	2.355	7.4	20.0
10 18	23 39.08	+ 1 13.1	1.440	2.360	11.9	20.3
10 28	23 34.49	+ 1 19.1	1.518	2.366	15.7	20.5

173770 2001 RQ_{149} 9 22.9 256.°09 0.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.37	+ 4 22.1	2.048	2.890	13.3	20.4
8 29	0 18.65	+ 4 8.6	1.965	2.884	10.1	20.2
9 8	0 12.10	+ 3 42.7	1.905	2.877	6.5	20.0
9 18	0 4.26	+ 3 6.9	1.871	2.870	2.6	19.7
9 28	23 55.94	+ 2 25.7	1.865	2.864	2.0	19.7
10 8	23 48.04	+ 1 44.3	1.887	2.857	5.9	19.9
10 18	23 41.38	+ 1 8.0	1.936	2.850	9.7	20.1
10 28	23 36.63	+ 0 41.1	2.009	2.843	13.0	20.3

383586 2007 GY_{11} 9 22.9 274.°66 3.°6/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.81	− 5 22.0	1.637	2.514	14.3	21.3
8 29	0 19.51	− 6 27.8	1.554	2.496	10.6	21.0
9 8	0 12.91	− 7 43.6	1.494	2.476	6.7	20.7
9 18	0 4.60	− 9 1.9	1.459	2.457	3.7	20.5
9 28	23 55.56	−10 13.8	1.451	2.437	5.5	20.6
10 8	23 46.98	−11 10.7	1.470	2.417	9.7	20.8
10 18	23 39.92	−11 46.8	1.512	2.397	13.8	21.0
10 28	23 35.22	−11 59.5	1.575	2.376	17.5	21.2

310013 2009 KQ_{17} 9 22.9 351.°75 7.°2/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.42	−15 12.4	1.617	2.510	13.6	19.7
8 29	0 16.81	−16 41.2	1.563	2.506	10.5	19.5
9 8	0 11.09	−18 8.5	1.532	2.503	7.9	19.4
9 18	0 3.93	−19 24.8	1.526	2.500	7.2	19.3
9 28	23 56.32	−20 21.1	1.544	2.498	9.0	19.4
10 8	23 49.37	−20 51.5	1.587	2.496	12.0	19.6
10 18	23 43.97	−20 54.2	1.651	2.495	15.0	19.8
10 28	23 40.82	−20 30.2	1.734	2.495	17.7	20.0

375218 2008 FE_{35} 9 22.9 317.°59 0.°9/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.02	+ 2 32.4	1.189	2.075	17.9	20.3
8 29	0 16.61	+ 1 39.0	1.110	2.055	13.6	20.0
9 8	0 11.45	+ 0 22.9	1.051	2.035	8.5	19.6
9 18	0 4.18	− 1 9.8	1.013	2.015	2.7	19.2
9 28	23 55.97	− 2 48.3	0.999	1.997	3.7	19.2
10 8	23 48.30	− 4 19.6	1.009	1.979	9.7	19.5
10 18	23 42.52	− 5 32.3	1.041	1.962	15.2	19.8
10 28	23 39.64	− 6 19.0	1.091	1.946	20.0	20.0

315120 2007 EM_{75} 9 22.9 230.°80 0.°4/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.73	+ 4 50.9	2.423	3.261	11.6	21.5
8 29	0 15.67	+ 4 8.0	2.338	3.256	8.8	21.3
9 8	0 10.14	+ 3 12.7	2.278	3.250	5.6	21.1
9 18	0 3.59	+ 2 8.3	2.244	3.244	2.0	20.9
9 28	23 56.67	+ 0 59.6	2.239	3.238	1.7	20.8
10 8	23 50.10	− 0 7.7	2.264	3.232	5.3	21.1
10 18	23 44.52	− 1 8.4	2.316	3.225	8.6	21.3
10 28	23 40.49	− 1 58.1	2.393	3.218	11.4	21.4

63185 2000 YW_{93} 9 22.9 287.°03 0.°2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.86	+ 3 6.6	2.136	2.985	12.5	19.8
8 29	0 16.72	+ 2 37.2	2.053	2.977	9.5	19.6
9 8	0 10.88	+ 1 55.9	1.993	2.968	5.9	19.3
9 18	0 3.85	+ 1 6.0	1.959	2.960	2.1	19.1
9 28	23 56.39	+ 0 12.5	1.953	2.952	2.0	19.0
10 8	23 49.31	− 0 39.0	1.975	2.943	5.9	19.3
10 18	23 43.37	− 1 23.2	2.025	2.935	9.5	19.5
10 28	23 39.19	− 1 56.0	2.098	2.927	12.7	19.7

137749 1999 XR_{154} 9 22.9 311.°63 4.°0/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.72	− 4 47.9	1.249	2.143	16.7	19.7
8 29	0 18.59	− 5 48.4	1.169	2.119	12.5	19.4
9 8	0 12.67	− 7 2.0	1.110	2.095	7.8	19.1
9 18	0 4.60	− 8 20.4	1.073	2.072	4.1	18.8
9 28	23 55.55	− 9 32.2	1.061	2.050	6.3	18.9
10 8	23 47.01	−10 26.7	1.072	2.027	11.3	19.1
10 18	23 40.36	−10 56.4	1.104	2.006	16.3	19.3
10 28	23 36.61	−10 57.9	1.154	1.985	20.7	19.5

488121 2015 VX_{103} 9 22.9 241.°07 0.°5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.54	+ 1 5.2	2.291	3.143	11.7	21.0
8 29	0 16.31	+ 0 29.2	2.215	3.142	8.7	20.8
9 8	0 10.53	− 0 16.3	2.163	3.141	5.3	20.6
9 18	0 3.72	− 1 7.9	2.139	3.141	1.7	20.4
9 28	23 56.56	− 2 0.4	2.143	3.140	2.2	20.4
10 8	23 49.80	− 2 48.8	2.175	3.139	5.8	20.6
10 18	23 44.13	− 3 28.6	2.235	3.138	9.1	20.8
10 28	23 40.08	− 3 56.4	2.318	3.137	12.0	21.0

283655 2002 LB_{62} 9 22.9 53.°11 2.°7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.47	+ 9 28.3	1.501	2.341	17.3	19.9
8 29	0 19.71	+ 9 14.8	1.453	2.366	13.4	19.8
9 8	0 12.77	+ 8 40.9	1.426	2.391	9.0	19.6
9 18	0 4.45	+ 7 49.9	1.422	2.416	4.6	19.4
9 28	23 55.87	+ 6 48.1	1.445	2.442	3.0	19.3
10 8	23 48.15	+ 5 43.5	1.493	2.468	6.6	19.6
10 18	23 42.21	+ 4 44.1	1.567	2.493	10.7	19.9
10 28	23 38.65	+ 3 56.0	1.664	2.519	14.2	20.2

279134 2009 RS_6 9 22.9 336.°01 1.°5/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.36	+ 7 25.7	1.282	2.147	18.2	20.1
8 29	0 16.57	+ 6 45.3	1.209	2.139	14.1	19.9
9 8	0 11.25	+ 5 40.1	1.156	2.132	9.2	19.6
9 18	0 4.06	+ 4 14.3	1.126	2.125	3.8	19.3
9 28	23 56.17	+ 2 36.9	1.119	2.119	2.7	19.2
10 8	23 48.92	+ 0 59.6	1.138	2.113	8.0	19.5
10 18	23 43.48	− 0 26.2	1.180	2.108	13.1	19.7
10 28	23 40.71	− 1 32.0	1.243	2.104	17.6	20.0

113261 2002 RH_{141} 9 22.9 339.°79 4.°7/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.93	− 7 55.9	1.563	2.453	14.1	19.2
8 29	0 16.53	− 9 16.8	1.499	2.447	10.5	19.0
9 8	0 10.97	−10 44.4	1.458	2.441	6.8	18.8
9 18	0 3.92	−12 9.8	1.442	2.435	4.7	18.6
9 28	23 56.35	−13 23.4	1.452	2.430	6.7	18.7
10 8	23 49.38	−14 17.3	1.487	2.425	10.4	18.9
10 18	23 43.96	−14 47.0	1.545	2.422	14.1	19.2
10 28	23 40.80	−14 51.2	1.622	2.418	17.3	19.4

476991 2008 YU_{102} 9 22.9 135.°38 5.°0/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.11	−11 53.6	2.056	2.933	11.8	21.3
8 29	0 18.31	−13 14.4	2.003	2.941	8.9	21.2
9 8	0 11.78	−14 36.0	1.975	2.948	6.2	21.0
9 18	0 4.13	−15 51.1	1.973	2.955	5.0	21.0
9 28	23 56.17	−16 52.5	2.000	2.962	6.5	21.1
10 8	23 48.78	−17 35.3	2.053	2.969	9.3	21.2
10 18	23 42.70	−17 56.9	2.130	2.975	12.0	21.4
10 28	23 38.50	−17 57.4	2.229	2.981	14.5	21.6

19274 1995 XA_1 9 22.9 269.°20 5.°9/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.09	−16 11.5	2.158	3.033	11.4	17.9
8 29	0 18.34	−17 15.0	2.094	3.027	8.8	17.7
9 8	0 11.84	−18 16.1	2.055	3.020	6.6	17.6
9 18	0 4.16	−19 8.2	2.042	3.013	5.9	17.5
9 28	23 56.11	−19 45.1	2.056	3.006	7.3	17.6
10 8	23 48.55	−20 2.6	2.096	2.999	9.8	17.7
10 18	23 42.25	−19 59.2	2.160	2.993	12.4	17.9
10 28	23 37.81	−19 35.3	2.245	2.986	14.7	18.1

46748 1998 DN_{23} 9 22.9 108.°45 0.°1/23.0 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.42	+ 3 52.4	1.675	2.523	15.5	20.1
8 29	0 21.72	+ 3 7.7	1.621	2.544	11.6	19.9
9 8	0 13.94	+ 2 8.1	1.590	2.565	7.2	19.7
9 18	0 4.84	+ 0 59.0	1.585	2.586	2.4	19.4
9 28	23 55.47	− 0 12.4	1.607	2.606	2.4	19.5
10 8	23 46.90	− 1 18.4	1.658	2.625	6.9	19.8
10 18	23 40.02	− 2 12.6	1.734	2.643	10.9	20.1
10 28	23 35.44	− 2 51.0	1.834	2.661	14.3	20.4

408598 2013 MB_2 9 22.9 209.°17 1.°5/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.44	− 1 39.9	2.464	3.323	10.7	21.0
8 29	0 15.41	− 2 40.8	2.388	3.320	7.9	20.9
9 8	0 9.94	− 3 50.0	2.337	3.317	4.8	20.7
9 18	0 3.52	− 5 2.7	2.314	3.314	1.8	20.4
9 28	23 56.77	− 6 13.4	2.320	3.311	3.0	20.5
10 8	23 50.38	− 7 16.6	2.355	3.308	6.1	20.7
10 18	23 44.98	− 8 8.0	2.417	3.305	9.2	20.9
10 28	23 41.07	− 8 44.5	2.503	3.301	11.8	21.1

140311 2001 SR_{319} 9 22.9 210.°31 0.°4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.78	+ 1 43.8	2.020	2.874	12.9	20.6
8 29	0 17.42	+ 1 6.2	1.946	2.874	9.7	20.4
9 8	0 11.31	+ 0 17.1	1.895	2.873	6.0	20.1
9 18	0 4.00	− 0 39.4	1.870	2.872	1.9	19.9
9 28	23 56.28	− 1 37.5	1.874	2.871	2.3	19.9
10 8	23 49.04	− 2 31.3	1.905	2.871	6.3	20.2
10 18	23 43.04	− 3 15.3	1.963	2.870	10.0	20.4
10 28	23 38.89	− 3 45.9	2.045	2.869	13.2	20.6

181852 1998 VF_{27} 9 22.9 0.°71 3.°8/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.63	− 5 5.2	1.043	1.948	18.2	19.0
8 29	0 17.83	− 5 47.3	0.990	1.945	13.6	18.7
9 8	0 12.11	− 6 39.5	0.956	1.943	8.4	18.4
9 18	0 4.35	− 7 32.9	0.943	1.943	4.0	18.2
9 28	23 55.96	− 8 17.1	0.952	1.944	6.0	18.3
10 8	23 48.50	− 8 43.0	0.984	1.947	11.1	18.6
10 18	23 43.24	− 8 45.7	1.036	1.951	16.0	18.9
10 28	23 41.01	− 8 23.9	1.107	1.956	20.2	19.2

176145 2001 FM_{90} 9 22.9 156.°79 0.°7/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.31	+ 0 39.3	1.801	2.655	14.3	21.0
8 29	0 21.68	+ 0 4.8	1.734	2.661	10.7	20.8
9 8	0 13.99	− 0 41.1	1.689	2.667	6.5	20.6
9 18	0 4.90	− 1 33.8	1.671	2.673	2.1	20.3
9 28	23 55.39	− 2 26.8	1.681	2.678	2.7	20.4
10 8	23 46.52	− 3 13.8	1.719	2.682	7.1	20.6
10 18	23 39.20	− 3 49.5	1.783	2.686	11.1	20.9
10 28	23 34.08	− 4 10.5	1.870	2.689	14.4	21.1

453731 2011 BH_{54} 9 22.9 252.°70 4.°9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.17	−14 56.6	2.720	3.592	9.4	21.7
8 29	0 15.93	−16 18.9	2.643	3.575	7.3	21.5
9 8	0 10.29	−17 41.2	2.593	3.558	5.5	21.4
9 18	0 3.66	−18 57.8	2.570	3.540	5.0	21.3
9 28	23 56.65	−20 2.7	2.577	3.523	6.3	21.4
10 8	23 49.92	−20 51.4	2.611	3.504	8.5	21.5
10 18	23 44.11	−21 21.5	2.670	3.486	10.7	21.6
10 28	23 39.73	−21 32.2	2.750	3.467	12.8	21.8

473514 2015 XW_{141} 9 22.9 351.°91 2.°0/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.85	− 3 57.2	2.119	2.987	11.9	21.3
8 29	0 16.65	− 4 35.1	2.048	2.985	8.8	21.1
9 8	0 10.80	− 5 19.3	2.002	2.983	5.3	20.9
9 18	0 3.83	− 6 5.4	1.982	2.982	2.3	20.7
9 28	23 56.50	− 6 47.8	1.990	2.981	3.5	20.8
10 8	23 49.63	− 7 21.5	2.026	2.980	6.9	21.0
10 18	23 43.93	− 7 43.0	2.087	2.980	10.2	21.2
10 28	23 39.99	− 7 49.9	2.172	2.979	13.1	21.4

483433 2001 FL_{83} 9 22.9 233.°99 1.°5/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.62	+ 5 29.3	2.593	3.414	11.4	21.7
8 29	0 20.00	+ 5 39.0	2.500	3.405	8.8	21.5
9 8	0 12.81	+ 5 39.2	2.432	3.396	5.8	21.3
9 18	0 4.51	+ 5 31.1	2.391	3.386	2.7	21.1
9 28	23 55.78	+ 5 17.1	2.379	3.377	1.9	21.1
10 8	23 47.35	+ 5 0.4	2.398	3.367	4.9	21.3
10 18	23 39.93	+ 4 44.5	2.445	3.356	8.1	21.4
10 28	23 34.10	+ 4 32.9	2.518	3.346	10.9	21.6

507907 2014 VX_{22} 9 22.9 225.°30 3.°0/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.55	+ 9 53.3	1.454	2.293	17.9	21.3
8 29	0 21.02	+ 9 39.2	1.377	2.289	14.1	21.1
9 8	0 13.93	+ 9 2.2	1.320	2.284	9.6	20.8
9 18	0 4.98	+ 8 4.2	1.285	2.279	5.0	20.6
9 28	23 55.31	+ 6 51.1	1.277	2.274	3.3	20.4
10 8	23 46.24	+ 5 31.8	1.294	2.268	7.4	20.7
10 18	23 38.97	+ 4 16.3	1.336	2.263	12.1	20.9
10 28	23 34.37	+ 3 13.3	1.401	2.257	16.3	21.2

454826 2015 RB_{134} 9 22.9 303.°21 0.°4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.50	+ 1 39.8	2.013	2.868	12.9	21.4
8 29	0 17.24	+ 1 3.1	1.938	2.866	9.7	21.2
9 8	0 11.21	+ 0 14.9	1.887	2.865	6.0	20.9
9 18	0 3.99	− 0 40.6	1.862	2.864	1.9	20.7
9 28	23 56.36	− 1 37.8	1.865	2.863	2.3	20.7
10 8	23 49.20	− 2 30.5	1.896	2.862	6.3	21.0
10 18	23 43.27	− 3 13.7	1.954	2.861	10.0	21.2
10 28	23 39.20	− 3 43.4	2.035	2.860	13.2	21.4

339182 2004 TM_{147} 9 22.9 14.°27 1.°9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.74	+ 5 52.1	1.233	2.103	18.5	20.4
8 29	0 18.29	+ 5 48.1	1.175	2.107	14.2	20.2
9 8	0 12.24	+ 5 24.2	1.136	2.112	9.3	19.9
9 18	0 4.39	+ 4 43.6	1.119	2.118	4.1	19.6
9 28	23 55.97	+ 3 53.2	1.126	2.125	2.8	19.6
10 8	23 48.38	+ 3 1.7	1.157	2.133	7.8	19.9
10 18	23 42.74	+ 2 17.5	1.211	2.142	12.6	20.2
10 28	23 39.85	+ 1 47.1	1.286	2.152	16.8	20.5

17272 2000 LU_4 9 22.9 9.°17 3.°2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.92	− 4 29.1	1.752	2.631	13.4	17.4
8 29	0 16.26	− 5 44.2	1.689	2.632	9.8	17.2
9 8	0 10.69	− 7 8.0	1.649	2.633	6.0	17.0
9 18	0 3.82	− 8 33.0	1.636	2.634	3.2	16.8
9 28	23 56.55	− 9 50.9	1.650	2.635	4.9	16.9
10 8	23 49.84	−10 54.2	1.690	2.637	8.6	17.1
10 18	23 44.51	−11 37.9	1.755	2.639	12.2	17.4
10 28	23 41.21	−11 59.9	1.841	2.642	15.3	17.6

435726 2008 UY_{77} 9 22.9 6.°41 5.°8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.80	−11 51.8	1.320	2.213	16.0	20.4
8 29	0 21.17	−12 31.0	1.267	2.214	12.1	20.2
9 8	0 13.92	−13 10.0	1.235	2.215	8.2	20.0
9 18	0 4.92	−13 40.6	1.226	2.217	5.9	19.8
9 28	23 55.46	−13 54.8	1.241	2.219	7.5	19.9
10 8	23 46.90	−13 47.5	1.281	2.223	11.3	20.2
10 18	23 40.36	−13 17.6	1.342	2.227	15.2	20.4
10 28	23 36.58	−12 26.5	1.423	2.233	18.6	20.7

86685 2000 FO_{39} 9 22.9 96.°73 2.°4/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.74	− 3 56.6	1.628	2.497	14.8	20.2
8 29	0 22.03	− 4 38.6	1.577	2.513	10.9	20.0
9 8	0 14.17	− 5 27.9	1.549	2.530	6.6	19.8
9 18	0 4.95	− 6 18.2	1.546	2.547	2.8	19.6
9 28	23 55.45	− 7 2.7	1.572	2.563	4.2	19.7
10 8	23 46.78	− 7 35.1	1.624	2.579	8.2	20.0
10 18	23 39.84	− 7 51.9	1.701	2.594	12.0	20.2
10 28	23 35.26	− 7 51.4	1.799	2.609	15.3	20.5

354187 2002 EY_{29} 9 22.9 92.°83 2.°0/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.48	+ 6 44.3	2.405	3.220	12.4	20.3
8 29	0 22.00	+ 7 2.5	2.341	3.240	9.6	20.1
9 8	0 13.94	+ 7 9.9	2.301	3.261	6.4	20.0
9 18	0 4.86	+ 7 7.6	2.288	3.281	3.2	19.8
9 28	23 55.53	+ 6 58.1	2.306	3.301	2.3	19.8
10 8	23 46.74	+ 6 44.6	2.353	3.321	5.0	20.0
10 18	23 39.20	+ 6 30.8	2.428	3.341	8.1	20.2
10 28	23 33.43	+ 6 20.4	2.530	3.360	10.7	20.4

379710 2011 GV_3 9 22.9 201.°40 1.°5/21.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.19	− 0 40.0	1.910	2.769	13.4	22.4
8 29	0 19.36	− 1 35.4	1.834	2.766	9.9	22.2
9 8	0 12.59	− 2 42.0	1.782	2.762	6.0	21.9
9 18	0 4.47	− 3 54.3	1.757	2.758	2.1	21.7
9 28	23 55.89	− 5 5.4	1.760	2.754	3.3	21.8
10 8	23 47.80	− 6 8.0	1.791	2.749	7.3	22.0
10 18	23 41.07	− 6 56.6	1.848	2.743	11.1	22.2
10 28	23 36.36	− 7 27.9	1.928	2.737	14.4	22.4

428556 2008 CE_{75} 9 22.9 222.°27 1.°7/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.22	− 2 44.2	1.705	2.566	14.6	21.4
8 29	0 23.39	− 3 7.8	1.627	2.559	10.9	21.2
9 8	0 15.22	− 3 39.9	1.571	2.551	6.7	20.9
9 18	0 5.39	− 4 15.9	1.542	2.543	2.4	20.6
9 28	23 54.94	− 4 49.5	1.540	2.535	3.6	20.7
10 8	23 45.06	− 5 14.9	1.566	2.526	8.0	20.9
10 18	23 36.81	− 5 27.5	1.617	2.516	12.2	21.2
10 28	23 30.98	− 5 24.7	1.691	2.506	15.9	21.4

284040 2005 AZ_{24} 9 22.9 303.°76 8.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.79	−16 52.1	1.593	2.486	13.7	19.8
8 29	0 17.34	−18 51.6	1.529	2.469	10.9	19.6
9 8	0 11.60	−20 50.9	1.488	2.452	8.8	19.4
9 18	0 4.20	−22 38.4	1.472	2.435	8.7	19.4
9 28	23 56.16	−24 2.6	1.480	2.418	10.7	19.4
10 8	23 48.66	−24 56.0	1.512	2.402	13.7	19.6
10 18	23 42.73	−25 15.6	1.565	2.386	16.8	19.8
10 28	23 39.19	−25 2.7	1.635	2.370	19.5	19.9

108425 2001 KC_{38} 9 22.9 79.°78 1.°2/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.20	+ 1 5.0	1.815	2.678	13.8	19.2
8 29	0 17.07	− 0 5.4	1.757	2.690	10.2	19.0
9 8	0 11.11	− 1 28.4	1.722	2.703	6.1	18.8
9 18	0 3.96	− 2 57.7	1.713	2.715	2.0	18.6
9 28	23 56.49	− 4 25.2	1.732	2.727	3.1	18.7
10 8	23 49.63	− 5 43.1	1.779	2.739	7.2	19.0
10 18	23 44.16	− 6 45.5	1.852	2.752	10.9	19.2
10 28	23 40.65	− 7 28.9	1.947	2.764	14.0	19.5

171629 2000 DH_{73} 9 22.9 214.°46 0.°7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.50	+ 0 59.4	2.077	2.930	12.7	20.8
8 29	0 17.96	+ 0 18.1	1.999	2.927	9.5	20.6
9 8	0 11.67	− 0 34.0	1.944	2.923	5.8	20.3
9 18	0 4.17	− 1 33.0	1.917	2.919	1.9	20.1
9 28	23 56.24	− 2 32.9	1.918	2.914	2.5	20.1
10 8	23 48.75	− 3 27.8	1.947	2.910	6.4	20.4
10 18	23 42.48	− 4 12.4	2.003	2.905	10.0	20.6
10 28	23 38.04	− 4 43.1	2.082	2.900	13.2	20.8

236833 2007 RB_{78} 9 22.9 148.°16 1.°2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.62	+ 5 35.8	2.135	2.965	13.2	21.4
8 29	0 20.17	+ 5 21.4	2.062	2.973	10.1	21.2
9 8	0 12.97	+ 4 54.2	2.013	2.981	6.5	21.0
9 18	0 4.58	+ 4 17.0	1.990	2.988	2.8	20.8
9 28	23 55.84	+ 3 34.0	1.996	2.994	2.0	20.7
10 8	23 47.60	+ 2 50.2	2.031	3.000	5.6	21.0
10 18	23 40.65	+ 2 10.9	2.093	3.006	9.1	21.2
10 28	23 35.57	+ 1 40.2	2.180	3.011	12.2	21.4

241582 1996 RY_{30} 9 22.9 10.°33 1.°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.27	+ 7 5.4	4.065	4.876	7.8	19.8
8 29	0 13.29	+ 7 6.4	3.979	4.877	6.0	19.7
9 8	0 8.45	+ 7 0.4	3.919	4.878	4.0	19.6
9 18	0 3.03	+ 6 48.6	3.886	4.879	2.1	19.4
9 28	23 57.42	+ 6 32.5	3.883	4.880	1.4	19.4
10 8	23 52.02	+ 6 14.4	3.911	4.881	3.2	19.5
10 18	23 47.18	+ 5 56.3	3.968	4.882	5.2	19.7
10 28	23 43.26	+ 5 40.6	4.051	4.883	7.0	19.8

174971 2004 DA_{34} 9 22.9 331.°11 0.°3/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.26	+ 1 42.3	1.815	2.668	14.2	20.1
8 29	0 20.26	+ 1 39.0	1.739	2.665	10.7	19.9
9 8	0 13.20	+ 1 25.0	1.686	2.662	6.7	19.7
9 18	0 4.70	+ 1 3.2	1.658	2.660	2.4	19.4
9 28	23 55.70	+ 0 38.0	1.658	2.657	2.2	19.4
10 8	23 47.23	+ 0 14.6	1.686	2.655	6.6	19.7
10 18	23 40.21	− 0 2.4	1.739	2.653	10.6	19.9
10 28	23 35.34	− 0 9.2	1.816	2.651	14.1	20.1

95499 2002 ED_{38} 9 22.9 299.°45 0.°3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.63	+ 3 6.4	2.073	2.921	12.9	19.8
8 29	0 17.36	+ 2 44.5	1.991	2.914	9.7	19.6
9 8	0 11.33	+ 2 10.9	1.932	2.907	6.1	19.3
9 18	0 4.07	+ 1 28.6	1.899	2.900	2.2	19.1
9 28	23 56.35	+ 0 42.4	1.894	2.893	2.0	19.0
10 8	23 49.05	− 0 2.2	1.917	2.886	6.0	19.3
10 18	23 42.93	− 0 40.1	1.967	2.879	9.7	19.5
10 28	23 38.64	− 1 7.2	2.040	2.872	12.9	19.7

204775 2006 KA_{41} 9 22.9 252.°60 6.°1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.83	+20 28.2	1.949	2.720	16.4	20.4
8 29	0 17.80	+20 26.0	1.858	2.712	13.8	20.2
9 8	0 11.75	+19 58.9	1.785	2.704	10.8	20.0
9 18	0 4.25	+19 5.9	1.736	2.695	7.9	19.8
9 28	23 56.16	+17 49.5	1.712	2.687	6.2	19.7
10 8	23 48.49	+16 15.9	1.715	2.678	7.1	19.7
10 18	23 42.15	+14 33.8	1.745	2.670	9.8	19.9
10 28	23 37.88	+12 52.8	1.799	2.661	13.0	20.1

346593 2008 WJ_1 9 22.9 239.°01 1.°1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.88	− 0 58.0	2.031	2.886	12.8	22.1
8 29	0 19.84	− 1 30.1	1.946	2.875	9.6	21.9
9 8	0 12.91	− 2 11.6	1.885	2.864	5.9	21.6
9 18	0 4.62	− 2 58.4	1.850	2.852	2.0	21.3
9 28	23 55.80	− 3 45.0	1.845	2.840	2.8	21.4
10 8	23 47.40	− 4 25.6	1.867	2.828	6.9	21.6
10 18	23 40.26	− 4 55.6	1.916	2.815	10.6	21.8
10 28	23 35.08	− 5 11.7	1.988	2.801	13.9	22.0

86176 1999 RO_{214} 9 22.9 288.°14 0.°5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.62	+ 2 11.9	2.145	2.989	12.7	18.2
8 29	0 19.58	+ 2 12.2	2.057	2.977	9.6	18.0
9 8	0 12.71	+ 2 3.0	1.992	2.965	6.1	17.7
9 18	0 4.55	+ 1 46.7	1.953	2.954	2.2	17.5
9 28	23 55.87	+ 1 26.6	1.943	2.942	1.9	17.4
10 8	23 47.56	+ 1 7.0	1.962	2.931	5.9	17.7
10 18	23 40.45	+ 0 52.0	2.008	2.919	9.5	17.9
10 28	23 35.19	+ 0 45.0	2.077	2.908	12.8	18.1

139020 2001 DD_{64} 9 22.9 98.°60 1.°2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.70	+ 5 19.9	1.530	2.378	16.6	19.9
8 29	0 22.22	+ 5 2.6	1.472	2.393	12.7	19.7
9 8	0 14.42	+ 4 28.6	1.435	2.408	8.1	19.5
9 18	0 5.10	+ 3 41.8	1.423	2.422	3.3	19.2
9 28	23 55.38	+ 2 48.4	1.438	2.437	2.4	19.2
10 8	23 46.49	+ 1 55.9	1.479	2.451	7.0	19.5
10 18	23 39.41	+ 1 11.2	1.546	2.464	11.4	19.8
10 28	23 34.83	+ 0 39.5	1.636	2.478	15.1	20.1

263031 2007 FV_{22} 9 22.9 99.°02 1.°6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.71	− 3 20.5	2.350	3.209	11.2	20.5
8 29	0 17.81	− 3 51.7	2.287	3.219	8.2	20.3
9 8	0 11.42	− 4 28.4	2.248	3.228	5.0	20.1
9 18	0 4.05	− 5 6.9	2.237	3.238	1.9	19.9
9 28	23 56.43	− 5 42.5	2.255	3.248	2.9	20.0
10 8	23 49.29	− 6 11.0	2.301	3.257	6.1	20.3
10 18	23 43.27	− 6 29.4	2.375	3.266	9.2	20.5
10 28	23 38.88	− 6 35.6	2.472	3.275	11.8	20.7

262878 2007 BV_{74} 9 22.9 199.°13 2.°8/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.48	− 5 34.0	2.317	3.185	11.0	21.6
8 29	0 16.27	− 6 41.1	2.246	3.183	8.1	21.4
9 8	0 10.55	− 7 54.0	2.201	3.182	5.0	21.2
9 18	0 3.79	− 9 7.3	2.183	3.180	2.8	21.1
9 28	23 56.70	−10 14.8	2.195	3.178	4.2	21.2
10 8	23 50.01	−11 10.9	2.234	3.176	7.2	21.4
10 18	23 44.39	−11 51.7	2.300	3.173	10.2	21.6
10 28	23 40.38	−12 15.4	2.389	3.171	12.8	21.8

17457 1990 SC_{11} 9 22.9 64.°66 3.°3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.10	+11 53.9	1.229	2.075	20.1	17.9
8 29	0 19.96	+11 20.0	1.179	2.093	15.7	17.7
9 8	0 13.20	+10 17.7	1.146	2.111	10.8	17.5
9 18	0 4.71	+ 8 51.4	1.136	2.129	5.7	17.3
9 28	23 55.83	+ 7 10.0	1.150	2.147	3.6	17.2
10 8	23 47.92	+ 5 26.0	1.190	2.166	7.6	17.5
10 18	23 42.09	+ 3 50.9	1.253	2.185	12.3	17.8
10 28	23 39.04	+ 2 33.9	1.339	2.203	16.4	18.1

353218 2009 UN_{67} 9 22.9 251.°80 2.°8/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.87	−14 24.1	4.476	5.340	6.2	20.5
8 29	0 12.19	−14 56.5	4.408	5.338	4.7	20.4
9 8	0 7.75	−15 27.8	4.368	5.336	3.3	20.3
9 18	0 2.82	−15 55.5	4.356	5.333	2.8	20.2
9 28	23 57.73	−16 17.2	4.374	5.331	3.5	20.3
10 8	23 52.85	−16 31.0	4.420	5.329	4.9	20.4
10 18	23 48.50	−16 35.8	4.493	5.327	6.4	20.5
10 28	23 44.98	−16 30.9	4.591	5.324	7.8	20.6

159908 2004 VO_{21} 9 22.9 281.°06 2.°9/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.97	− 7 6.8	2.280	3.149	11.1	20.3
8 29	0 17.51	− 7 50.3	2.196	3.133	8.3	20.1
9 8	0 11.39	− 8 38.3	2.137	3.117	5.2	19.8
9 18	0 4.12	− 9 25.9	2.105	3.101	3.0	19.7
9 28	23 56.39	−10 7.6	2.101	3.085	4.3	19.7
10 8	23 49.02	−10 38.7	2.125	3.068	7.4	19.9
10 18	23 42.74	−10 55.7	2.175	3.052	10.5	20.1
10 28	23 38.15	−10 56.9	2.248	3.036	13.3	20.2

479612 2014 DH_{21} 9 22.9 251.°51 1.°0/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.55	+ 0 12.4	1.859	2.719	13.6	21.5
8 29	0 19.01	− 0 27.1	1.779	2.710	10.2	21.3
9 8	0 12.46	− 1 18.2	1.721	2.700	6.3	21.0
9 18	0 4.50	− 2 16.3	1.689	2.691	2.0	20.7
9 28	23 56.00	− 3 15.1	1.685	2.681	2.9	20.8
10 8	23 47.96	− 4 7.8	1.708	2.671	7.2	21.0
10 18	23 41.28	− 4 48.8	1.758	2.661	11.1	21.2
10 28	23 36.65	− 5 14.2	1.830	2.651	14.6	21.4

59313 1999 CF_{88} 9 22.9 225.°76 2.°7/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.71	− 6 53.0	2.311	3.173	11.2	19.3
8 29	0 19.48	− 7 32.3	2.231	3.165	8.3	19.1
9 8	0 12.57	− 8 15.7	2.177	3.155	5.2	18.9
9 18	0 4.50	− 8 58.5	2.149	3.146	2.8	18.7
9 28	23 56.02	− 9 35.6	2.151	3.136	4.1	18.8
10 8	23 47.94	−10 2.4	2.181	3.125	7.2	19.0
10 18	23 41.01	−10 15.8	2.238	3.115	10.3	19.2
10 28	23 35.81	−10 14.4	2.318	3.103	13.0	19.3

100825 1998 FW_{145} 9 22.9 99.°66 3.°5/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.15	− 5 57.0	1.546	2.419	15.2	19.9
8 29	0 23.13	− 6 54.5	1.502	2.440	11.2	19.7
9 8	0 14.88	− 7 57.6	1.480	2.461	6.9	19.5
9 18	0 5.24	− 8 58.7	1.484	2.481	3.7	19.4
9 28	23 55.37	− 9 49.9	1.515	2.501	5.2	19.5
10 8	23 46.43	−10 24.8	1.573	2.521	9.1	19.8
10 18	23 39.36	−10 40.5	1.655	2.539	12.9	20.1
10 28	23 34.76	−10 36.3	1.759	2.558	16.0	20.3

40971 1999 TY_{264} 9 22.9 351.°21 9.°9/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.09	+30 29.5	1.794	2.505	19.6	18.8
8 29	0 17.53	+30 45.3	1.710	2.504	17.3	18.7
9 8	0 11.72	+30 28.5	1.642	2.503	14.8	18.5
9 18	0 4.28	+29 35.7	1.593	2.503	12.3	18.3
9 28	23 56.24	+28 7.3	1.566	2.502	10.3	18.2
10 8	23 48.75	+26 9.2	1.564	2.502	10.0	18.2
10 18	23 42.85	+23 51.8	1.587	2.502	11.4	18.3
10 28	23 39.31	+21 27.8	1.634	2.502	13.8	18.4

161569 2005 BH_{17} 9 22.9 333.°97 4.°9/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.68	+11 59.0	1.463	2.298	18.0	19.9
8 29	0 18.97	+12 25.9	1.383	2.287	14.5	19.6
9 8	0 12.76	+12 31.6	1.321	2.277	10.6	19.4
9 18	0 4.68	+12 15.2	1.282	2.267	6.7	19.1
9 28	23 55.81	+11 39.5	1.267	2.258	4.9	19.0
10 8	23 47.44	+10 50.8	1.277	2.250	7.6	19.1
10 18	23 40.76	+ 9 57.4	1.311	2.243	11.8	19.4
10 28	23 36.69	+ 9 8.0	1.366	2.236	15.8	19.6

35371 1997 UZ_{21} 9 22.9 9.°61 1.°2/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.79	+ 2 2.0	0.850	1.760	20.9	16.2
8 29	0 14.59	+ 1 9.3	0.804	1.761	15.6	15.9
9 8	0 10.30	− 0 7.0	0.776	1.765	9.5	15.6
9 18	0 3.84	− 1 37.5	0.767	1.770	3.0	15.3
9 28	23 56.76	− 3 8.0	0.779	1.777	4.2	15.4
10 8	23 50.72	− 4 24.1	0.812	1.786	10.5	15.8
10 18	23 47.02	− 5 15.7	0.864	1.797	16.1	16.1
10 28	23 46.46	− 5 38.0	0.934	1.810	20.8	16.5

452085 2014 PG_{19} 9 22.9 40.°61 4.°2/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.20	− 9 45.0	2.070	2.949	11.6	21.3
8 29	0 16.18	−10 54.8	2.015	2.956	8.6	21.2
9 8	0 10.53	−12 6.9	1.985	2.963	5.7	21.0
9 18	0 3.81	−13 14.8	1.981	2.970	4.2	20.9
9 28	23 56.79	−14 11.8	2.005	2.977	5.7	21.0
10 8	23 50.30	−14 52.9	2.055	2.985	8.5	21.2
10 18	23 45.03	−15 15.3	2.131	2.992	11.4	21.4
10 28	23 41.52	−15 18.2	2.228	3.000	13.9	21.6

495711 2016 CL_{80} 9 22.9 194.°02 0.°8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.53	− 2 21.8	3.829	4.674	7.5	21.9
8 29	0 14.27	− 2 45.0	3.747	4.672	5.6	21.8
9 8	0 9.08	− 3 12.0	3.692	4.670	3.4	21.6
9 18	0 3.29	− 3 40.8	3.666	4.667	1.2	21.4
9 28	23 57.30	− 4 8.8	3.670	4.664	1.7	21.5
10 8	23 51.53	− 4 33.4	3.705	4.661	4.0	21.7
10 18	23 46.39	− 4 52.5	3.768	4.658	6.1	21.8
10 28	23 42.22	− 5 4.4	3.858	4.654	8.0	21.9

435028 2006 VK_{107} 9 22.9 291.°07 1.°7/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.04	− 1 51.6	1.447	2.321	16.0	21.2
8 29	0 21.55	− 2 17.2	1.362	2.301	12.1	20.9
9 8	0 14.42	− 2 54.5	1.299	2.281	7.5	20.6
9 18	0 5.27	− 3 38.4	1.259	2.261	2.6	20.3
9 28	23 55.23	− 4 21.6	1.245	2.241	3.8	20.3
10 8	23 45.66	− 4 56.2	1.257	2.221	9.0	20.5
10 18	23 37.84	− 5 16.1	1.293	2.202	13.9	20.8
10 28	23 32.72	− 5 17.4	1.349	2.182	18.1	21.0

462811 2010 RY_{71} 9 22.9 34.°42 0.°2/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.58	+ 3 24.7	0.843	1.743	22.1	19.8
8 29	0 19.34	+ 2 43.2	0.816	1.766	16.5	19.6
9 8	0 12.96	+ 1 39.4	0.805	1.790	10.1	19.3
9 18	0 4.65	+ 0 22.4	0.814	1.816	3.3	19.1
9 28	23 56.09	− 0 54.9	0.845	1.844	3.4	19.2
10 8	23 48.96	− 2 0.1	0.897	1.872	9.6	19.7
10 18	23 44.40	− 2 44.8	0.970	1.902	14.9	20.1
10 28	23 43.01	− 3 5.3	1.062	1.932	19.3	20.4

208943 2002 VY_{95} 9 22.9 19.°49 1.°3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.86	+ 3 56.6	1.563	2.419	16.0	19.1
8 29	0 20.19	+ 4 3.8	1.498	2.424	12.2	18.8
9 8	0 13.26	+ 3 57.2	1.455	2.429	7.9	18.6
9 18	0 4.79	+ 3 39.3	1.435	2.434	3.2	18.3
9 28	23 55.82	+ 3 14.6	1.441	2.440	2.4	18.3
10 8	23 47.53	+ 2 49.1	1.474	2.447	6.9	18.6
10 18	23 40.92	+ 2 28.2	1.532	2.454	11.2	18.9
10 28	23 36.69	+ 2 16.8	1.612	2.462	14.8	19.1

513935 2014 DL_{60} 9 22.9 189.°38 2.°8/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.91	− 5 48.2	2.043	2.909	12.3	22.1
8 29	0 19.76	− 6 33.4	1.973	2.908	9.1	21.9
9 8	0 12.80	− 7 24.0	1.927	2.907	5.7	21.7
9 18	0 4.60	− 8 14.7	1.908	2.906	2.9	21.5
9 28	23 56.01	− 8 59.4	1.918	2.905	4.2	21.6
10 8	23 47.93	− 9 32.9	1.955	2.903	7.6	21.8
10 18	23 41.16	− 9 51.7	2.019	2.900	11.0	22.0
10 28	23 36.32	− 9 54.1	2.104	2.898	13.9	22.2

490876 2011 BA_{11} 9 22.9 305.°27 3.°2/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.98	+10 23.3	2.173	2.988	13.5	21.3
8 29	0 18.40	+10 36.6	2.084	2.979	10.8	21.1
9 8	0 12.03	+10 35.3	2.016	2.970	7.6	20.9
9 18	0 4.38	+10 20.1	1.975	2.961	4.5	20.7
9 28	23 56.21	+ 9 53.2	1.960	2.953	3.3	20.6
10 8	23 48.40	+ 9 19.0	1.974	2.944	5.6	20.8
10 18	23 41.74	+ 8 42.5	2.014	2.936	8.9	21.0
10 28	23 36.90	+ 8 9.1	2.080	2.928	12.0	21.1

69299 1992 EW_6 9 22.9 321.°16 5.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 18.40	− 7 53.8	1.453	2.349	14.6	18.7
8 29	0 15.70	− 9 36.3	1.380	2.330	10.9	18.4
9 8	0 10.70	−11 28.9	1.330	2.312	7.2	18.2
9 18	0 3.99	−13 21.1	1.304	2.295	5.5	18.0
9 28	23 56.60	−15 0.8	1.304	2.278	7.8	18.1
10 8	23 49.71	−16 17.5	1.328	2.262	11.7	18.3
10 18	23 44.41	−17 5.1	1.374	2.247	15.7	18.5
10 28	23 41.52	−17 21.4	1.438	2.232	19.2	18.7

475418 2006 KM_{35} 9 22.9 94.°01 1.°5/24.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.57	+ 9 36.3	1.891	2.720	14.7	21.4
8 29	0 17.31	+ 8 32.8	1.827	2.736	11.3	21.2
9 8	0 11.27	+ 7 9.8	1.786	2.751	7.4	21.0
9 18	0 4.08	+ 5 32.2	1.770	2.767	3.3	20.8
9 28	23 56.58	+ 3 47.1	1.783	2.782	2.1	20.7
10 8	23 49.69	+ 2 3.4	1.825	2.797	5.9	21.0
10 18	23 44.15	+ 0 29.2	1.895	2.812	9.7	21.3
10 28	23 40.54	− 0 49.4	1.989	2.827	12.9	21.5

13146 Yuriko 9 22.9 128.°68 3.°6/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.28	−10 38.4	2.497	3.366	10.3	18.2
8 29	0 17.46	−11 27.9	2.438	3.373	7.6	18.0
9 8	0 11.22	−12 18.2	2.404	3.379	5.1	17.9
9 18	0 4.05	−13 4.5	2.397	3.386	3.7	17.8
9 28	23 56.63	−13 41.9	2.420	3.392	4.8	17.9
10 8	23 49.67	−14 6.6	2.470	3.398	7.3	18.1
10 18	23 43.77	−14 16.7	2.546	3.404	9.9	18.2
10 28	23 39.43	−14 11.3	2.645	3.409	12.1	18.4

366135 2012 DZ_{71} 9 22.9 292.°08 3.°8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.80	+13 1.0	2.166	2.970	13.9	20.9
8 29	0 17.54	+13 5.6	2.076	2.962	11.2	20.7
9 8	0 11.51	+12 53.2	2.008	2.954	8.2	20.5
9 18	0 4.22	+12 24.2	1.964	2.945	5.2	20.3
9 28	23 56.42	+11 41.3	1.948	2.937	3.8	20.2
10 8	23 48.98	+10 49.4	1.959	2.929	5.7	20.4
10 18	23 42.69	+ 9 54.3	1.998	2.921	8.9	20.5
10 28	23 38.20	+ 9 2.3	2.061	2.913	12.0	20.7

436317 2010 FP_{47} 9 22.9 95.°07 1.°8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.99	− 3 21.0	1.867	2.729	13.5	21.1
8 29	0 21.30	− 3 48.7	1.812	2.744	10.0	20.9
9 8	0 13.71	− 4 23.0	1.779	2.759	6.0	20.7
9 18	0 4.90	− 4 59.1	1.773	2.774	2.3	20.5
9 28	23 55.81	− 5 31.6	1.796	2.789	3.4	20.6
10 8	23 47.42	− 5 55.5	1.846	2.804	7.2	20.9
10 18	23 40.54	− 6 7.5	1.922	2.818	10.8	21.1
10 28	23 35.75	− 6 5.6	2.021	2.832	13.8	21.4

467840 2010 TD_{79} 9 22.9 0.°76 1.°5/22.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.73	− 0 28.3	0.779	1.700	21.0	19.6
8 29	0 14.08	− 0 48.4	0.732	1.694	15.8	19.3
9 8	0 10.16	− 1 27.4	0.700	1.691	9.7	19.0
9 18	0 3.88	− 2 17.6	0.687	1.690	3.2	18.6
9 28	23 56.84	− 3 7.3	0.694	1.692	4.4	18.7
10 8	23 50.82	− 3 44.6	0.720	1.697	10.9	19.1
10 18	23 47.27	− 4 1.1	0.764	1.704	16.7	19.5
10 28	23 47.07	− 3 52.7	0.824	1.713	21.6	19.8

313647 2003 SS_{122} 9 22.9 53.°23 1.°1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.75	+ 3 28.6	1.908	2.748	14.1	19.8
8 29	0 21.74	+ 3 38.1	1.859	2.776	10.7	19.6
9 8	0 13.91	+ 3 36.6	1.833	2.804	6.8	19.5
9 18	0 4.95	+ 3 26.5	1.833	2.832	2.7	19.3
9 28	23 55.81	+ 3 11.4	1.861	2.860	2.0	19.3
10 8	23 47.41	+ 2 55.7	1.918	2.888	5.8	19.6
10 18	23 40.54	+ 2 43.5	2.001	2.916	9.4	19.9
10 28	23 35.72	+ 2 38.1	2.109	2.944	12.4	20.1

393107 2013 BO 9 22.9 248.°19 4.°2/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.89	−21 54.8	4.376	5.237	6.4	20.6
8 29	0 12.29	−22 43.2	4.319	5.234	5.2	20.5
9 8	0 7.87	−23 27.6	4.288	5.230	4.3	20.4
9 18	0 2.93	−24 5.1	4.286	5.227	4.3	20.4
9 28	23 57.81	−24 33.1	4.311	5.224	5.0	20.5
10 8	23 52.92	−24 49.7	4.364	5.220	6.2	20.6
10 18	23 48.59	−24 54.1	4.441	5.217	7.4	20.7
10 28	23 45.14	−24 46.1	4.540	5.214	8.6	20.8

76218 2000 ER_{67} 9 22.9 319.°00 0.°1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.55	+ 3 12.2	1.757	2.614	14.4	18.7
8 29	0 17.61	+ 2 38.9	1.680	2.608	10.9	18.5
9 8	0 11.66	+ 1 51.1	1.625	2.602	6.8	18.2
9 18	0 4.30	+ 0 52.9	1.595	2.597	2.4	17.9
9 28	23 56.41	− 0 9.3	1.592	2.591	2.3	17.9
10 8	23 49.02	− 1 8.5	1.617	2.586	6.8	18.2
10 18	23 43.02	− 1 58.1	1.666	2.581	10.9	18.5
10 28	23 39.11	− 2 33.2	1.739	2.576	14.5	18.7

376140 2011 BD_3 9 22.9 147.°22 1.°8/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.14	− 2 10.9	1.732	2.595	14.3	21.5
8 29	0 21.67	− 2 51.9	1.668	2.601	10.6	21.3
9 8	0 14.08	− 3 42.0	1.627	2.608	6.5	21.0
9 18	0 5.08	− 4 35.9	1.612	2.614	2.4	20.8
9 28	23 55.67	− 5 26.6	1.625	2.619	3.6	20.9
10 8	23 46.92	− 6 7.8	1.666	2.624	7.8	21.2
10 18	23 39.77	− 6 34.8	1.732	2.629	11.7	21.4
10 28	23 34.88	− 6 45.1	1.820	2.633	15.0	21.6

172275 2002 TO_{108} 9 22.9 331.°58 7.°2/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.37	−15 9.1	1.515	2.406	14.4	19.3
8 29	0 19.30	−16 15.0	1.452	2.394	11.2	19.1
9 8	0 12.85	−17 19.4	1.411	2.383	8.3	18.9
9 18	0 4.72	−18 13.0	1.394	2.372	7.2	18.8
9 28	23 56.02	−18 46.9	1.401	2.362	8.9	18.9
10 8	23 47.98	−18 55.5	1.433	2.353	12.2	19.1
10 18	23 41.66	−18 37.1	1.486	2.344	15.6	19.3
10 28	23 37.83	−17 53.1	1.558	2.336	18.6	19.5

405136 2002 PK_{180} 9 22.9 331.°17 2.°5/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.08	+ 7 58.4	1.944	2.779	14.1	21.1
8 29	0 17.19	+ 8 4.6	1.856	2.766	11.1	20.8
9 8	0 11.40	+ 7 56.1	1.789	2.753	7.6	20.6
9 18	0 4.23	+ 7 34.1	1.747	2.740	4.0	20.4
9 28	23 56.49	+ 7 1.8	1.731	2.728	2.7	20.3
10 8	23 49.12	+ 6 24.3	1.743	2.716	5.9	20.4
10 18	23 42.98	+ 5 47.2	1.781	2.705	9.7	20.6
10 28	23 38.78	+ 5 16.0	1.842	2.695	13.1	20.8

152000 2004 JD_{18} 9 22.9 64.°45 0.°6/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.33	+ 1 1.3	1.399	2.266	16.9	20.8
8 29	0 22.01	+ 0 33.0	1.353	2.287	12.5	20.6
9 8	0 14.32	− 0 8.4	1.329	2.309	7.7	20.4
9 18	0 5.15	− 0 57.3	1.328	2.330	2.5	20.1
9 28	23 55.70	− 1 46.4	1.354	2.352	2.9	20.2
10 8	23 47.22	− 2 28.1	1.406	2.374	7.8	20.6
10 18	23 40.68	− 2 57.1	1.483	2.396	12.1	20.9
10 28	23 36.71	− 3 10.0	1.581	2.418	15.8	21.2

106846 2000 YY_{15} 9 22.9 289.°68 0.°9/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.22	− 0 42.0	1.704	2.568	14.5	19.5
8 29	0 20.43	− 1 2.8	1.628	2.561	10.9	19.3
9 8	0 13.45	− 1 33.9	1.574	2.554	6.7	19.0
9 18	0 4.93	− 2 11.1	1.545	2.547	2.2	18.7
9 28	23 55.83	− 2 48.6	1.543	2.540	2.9	18.8
10 8	23 47.27	− 3 20.1	1.568	2.533	7.5	19.0
10 18	23 40.23	− 3 40.7	1.619	2.526	11.7	19.3
10 28	23 35.45	− 3 47.0	1.691	2.520	15.3	19.5

187213 2005 SL_{110} 9 22.9 288.°43 0.°3/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.55	+ 1 1.9	2.073	2.926	12.7	21.5
8 29	0 18.06	+ 0 37.4	1.995	2.922	9.5	21.3
9 8	0 11.81	+ 0 2.9	1.940	2.917	5.9	21.0
9 18	0 4.34	− 0 38.3	1.911	2.913	1.9	20.8
9 28	23 56.44	− 1 21.1	1.910	2.908	2.2	20.8
10 8	23 48.97	− 2 0.3	1.938	2.904	6.2	21.0
10 18	23 42.72	− 2 31.2	1.992	2.899	9.8	21.2
10 28	23 38.30	− 2 50.3	2.070	2.895	13.0	21.4

326754 2003 SV_{62} 9 22.9 321.°90 1.°3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 16.76	+10 56.0	1.989	2.818	14.1	19.6
8 29	0 13.91	+ 9 27.1	1.895	2.804	11.0	19.4
9 8	0 9.33	+ 7 34.2	1.823	2.789	7.3	19.2
9 18	0 3.53	+ 5 21.5	1.778	2.775	3.2	18.9
9 28	23 57.24	+ 2 57.1	1.762	2.762	2.0	18.8
10 8	23 51.32	+ 0 31.7	1.776	2.748	6.0	19.0
10 18	23 46.54	− 1 44.3	1.819	2.736	10.0	19.2
10 28	23 43.55	− 3 42.3	1.887	2.724	13.6	19.4

442463 2011 UJ_{274} 9 22.9 287.°70 2.°6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.16	+ 9 39.8	1.932	2.759	14.5	21.5
8 29	0 17.97	+ 9 29.2	1.848	2.752	11.4	21.2
9 8	0 11.86	+ 9 1.3	1.785	2.745	7.9	21.0
9 18	0 4.39	+ 8 17.8	1.746	2.738	4.2	20.8
9 28	23 56.39	+ 7 22.8	1.735	2.732	2.8	20.7
10 8	23 48.80	+ 6 22.4	1.752	2.725	5.9	20.9
10 18	23 42.51	+ 5 23.3	1.795	2.718	9.7	21.1
10 28	23 38.20	+ 4 32.0	1.862	2.712	13.1	21.3

56410 2000 FZ_{34} 9 22.9 91.°38 1.°8/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.12	− 1 10.1	1.304	2.178	17.5	19.5
8 29	0 23.56	− 1 54.0	1.256	2.195	12.9	19.3
9 8	0 15.39	− 2 50.0	1.229	2.211	7.8	19.0
9 18	0 5.54	− 3 51.1	1.226	2.228	2.7	18.8
9 28	23 55.33	− 4 48.4	1.249	2.244	4.0	18.9
10 8	23 46.15	− 5 33.5	1.297	2.260	8.9	19.2
10 18	23 39.09	− 6 1.3	1.369	2.275	13.5	19.5
10 28	23 34.82	− 6 9.1	1.462	2.290	17.2	19.8

239955 2001 FY_{169} 9 22.9 109.°24 4.°5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.10	+14 18.3	2.091	2.880	14.9	20.4
8 29	0 22.13	+14 41.6	2.022	2.896	12.0	20.3
9 8	0 14.28	+14 47.3	1.975	2.912	8.9	20.1
9 18	0 5.16	+14 35.4	1.953	2.928	5.9	20.0
9 28	23 55.66	+14 8.1	1.959	2.943	4.5	19.9
10 8	23 46.74	+13 29.9	1.993	2.958	6.1	20.0
10 18	23 39.22	+12 46.6	2.054	2.972	9.0	20.2
10 28	23 33.72	+12 4.4	2.141	2.986	11.8	20.4

474195 2000 AU_{216} 9 22.9 322.°39 9.°3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.90	+22 17.6	1.499	2.284	19.9	20.4
8 29	0 17.16	+23 3.0	1.405	2.261	17.3	20.1
9 8	0 11.86	+23 20.2	1.327	2.239	14.2	19.9
9 18	0 4.52	+23 4.6	1.269	2.218	11.3	19.6
9 28	23 56.18	+22 15.1	1.232	2.197	9.4	19.5
10 8	23 48.17	+20 56.3	1.219	2.178	9.9	19.5
10 18	23 41.78	+19 17.8	1.229	2.159	12.6	19.6
10 28	23 38.07	+17 32.4	1.261	2.141	16.1	19.7

242535 2005 BR 9 22.9 250.°32 2.°0/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.23	− 2 54.9	1.981	2.844	12.8	20.9
8 29	0 19.47	− 3 38.4	1.898	2.831	9.5	20.7
9 8	0 12.77	− 4 30.7	1.838	2.818	5.8	20.4
9 18	0 4.70	− 5 26.7	1.804	2.805	2.3	20.2
9 28	23 56.09	− 6 20.2	1.799	2.791	3.6	20.2
10 8	23 47.89	− 7 5.0	1.821	2.777	7.5	20.5
10 18	23 40.96	− 7 36.4	1.870	2.762	11.2	20.7
10 28	23 36.01	− 7 51.4	1.941	2.747	14.4	20.8

258503 2002 AJ_{108} 9 22.9 170.°05 0.°2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.45	+ 2 50.3	2.543	3.381	11.1	21.4
8 29	0 17.64	+ 2 23.8	2.465	3.383	8.4	21.2
9 8	0 11.39	+ 1 47.8	2.412	3.386	5.2	21.0
9 18	0 4.18	+ 1 5.2	2.387	3.388	1.8	20.8
9 28	23 56.65	+ 0 20.1	2.391	3.389	1.7	20.8
10 8	23 49.51	− 0 23.2	2.424	3.391	5.1	21.0
10 18	23 43.37	− 1 0.5	2.486	3.392	8.2	21.2
10 28	23 38.75	− 1 28.5	2.572	3.392	10.9	21.4

86330 1999 XR_{14} 9 22.9 304.°21 16.°5/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.37	+37 7.0	1.153	1.869	28.2	19.0
8 29	0 19.20	+38 10.4	1.079	1.863	26.0	18.8
9 8	0 13.56	+38 26.7	1.016	1.857	23.3	18.6
9 18	0 5.16	+37 44.9	0.965	1.851	20.4	18.4
9 28	23 55.56	+35 58.7	0.930	1.846	17.9	18.2
10 8	23 46.74	+33 12.4	0.914	1.841	16.5	18.1
10 18	23 40.46	+29 41.4	0.917	1.836	17.1	18.1
10 28	23 37.92	+25 49.9	0.942	1.831	19.4	18.3

446295 2014 DC_{111} 9 22.9 114.°03 4.°1/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.48	− 8 52.4	2.054	2.927	12.0	21.6
8 29	0 18.60	−10 8.7	2.004	2.941	8.9	21.5
9 8	0 12.04	−11 27.8	1.978	2.955	5.8	21.3
9 18	0 4.39	−12 42.8	1.979	2.969	4.1	21.2
9 28	23 56.48	−13 46.8	2.008	2.982	5.5	21.3
10 8	23 49.16	−14 34.5	2.065	2.995	8.4	21.5
10 18	23 43.15	−15 3.0	2.147	3.007	11.4	21.8
10 28	23 38.99	−15 11.7	2.251	3.019	13.9	22.0

159646 2002 CC_{180} 9 22.9 67.°54 3.°0/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.82	− 4 7.2	1.566	2.444	14.8	19.9
8 29	0 19.33	− 5 8.9	1.513	2.454	10.9	19.7
9 8	0 12.69	− 6 19.1	1.482	2.464	6.6	19.5
9 18	0 4.64	− 7 30.3	1.476	2.475	3.2	19.3
9 28	23 56.23	− 8 34.1	1.497	2.486	4.8	19.5
10 8	23 48.56	− 9 23.2	1.544	2.496	8.8	19.7
10 18	23 42.55	− 9 53.2	1.615	2.507	12.7	20.0
10 28	23 38.83	−10 2.4	1.707	2.518	15.9	20.2

519467 2012 BW_{157} 9 22.9 74.°81 3.°9/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 19.62	− 8 25.6	2.233	3.108	11.1	21.1
8 29	0 15.65	− 9 56.7	2.182	3.122	8.1	20.9
9 8	0 10.19	−11 31.1	2.158	3.136	5.3	20.8
9 18	0 3.78	−13 1.8	2.161	3.150	3.9	20.7
9 28	23 57.11	−14 21.9	2.193	3.164	5.4	20.8
10 8	23 50.93	−15 25.9	2.252	3.178	8.1	21.0
10 18	23 45.88	−16 10.6	2.337	3.191	10.8	21.2
10 28	23 42.45	−16 34.9	2.444	3.205	13.1	21.4

464744 2003 QO_{48} 9 22.9 25.°54 2.°7/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.21	− 1 34.7	0.927	1.833	20.0	20.4
8 29	0 18.38	− 2 28.6	0.889	1.844	14.7	20.2
9 8	0 12.50	− 3 37.9	0.868	1.856	8.9	19.9
9 18	0 4.63	− 4 52.5	0.868	1.870	3.4	19.7
9 28	23 56.31	− 6 0.0	0.890	1.885	5.2	19.9
10 8	23 49.17	− 6 49.5	0.934	1.901	10.7	20.2
10 18	23 44.41	− 7 14.7	0.998	1.919	15.8	20.6
10 28	23 42.74	− 7 13.9	1.080	1.937	20.0	20.9

117512 2005 CZ_{42} 9 22.9 139.°68 3.°9/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.39	− 7 8.3	1.853	2.730	12.9	20.2
8 29	0 18.06	− 8 25.9	1.792	2.732	9.5	20.0
9 8	0 11.85	− 9 49.3	1.754	2.735	6.1	19.8
9 18	0 4.37	−11 11.0	1.743	2.737	3.9	19.7
9 28	23 56.50	−12 22.9	1.760	2.739	5.6	19.8
10 8	23 49.20	−13 18.4	1.804	2.741	8.9	20.0
10 18	23 43.27	−13 53.6	1.872	2.743	12.2	20.2
10 28	23 39.34	−14 7.0	1.962	2.745	15.1	20.4

357924 2005 WF_{123} 9 22.9 154.°00 4.°3/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.03	−12 53.0	2.337	3.203	11.0	21.1
8 29	0 20.37	−13 30.2	2.276	3.207	8.3	20.9
9 8	0 13.08	−14 6.4	2.239	3.211	5.7	20.7
9 18	0 4.76	−14 36.5	2.229	3.214	4.3	20.7
9 28	23 56.14	−14 55.8	2.248	3.217	5.5	20.7
10 8	23 48.06	−15 1.0	2.295	3.220	8.0	20.9
10 18	23 41.20	−14 50.7	2.368	3.222	10.7	21.1
10 28	23 36.10	−14 25.0	2.464	3.225	13.0	21.3

290475 2005 TY_{188} 9 22.9 70.°74 1.°0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.33	+ 4 41.7	2.038	2.879	13.3	21.0
8 29	0 18.59	+ 4 28.5	1.970	2.887	10.2	20.8
9 8	0 12.10	+ 4 3.0	1.924	2.895	6.5	20.6
9 18	0 4.45	+ 3 28.0	1.904	2.903	2.6	20.4
9 28	23 56.44	+ 2 47.8	1.913	2.912	1.9	20.4
10 8	23 48.95	+ 2 7.7	1.949	2.920	5.7	20.6
10 18	23 42.74	+ 1 32.7	2.012	2.928	9.3	20.9
10 28	23 38.40	+ 1 6.9	2.100	2.936	12.4	21.1

257204 2008 SQ_{220} 9 22.9 317.°74 0.°2/23.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.70	+ 3 2.4	4.115	4.948	7.3	20.8
8 29	0 11.45	+ 2 34.8	4.030	4.945	5.5	20.6
9 8	0 7.40	+ 2 1.1	3.971	4.943	3.4	20.5
9 18	0 2.82	+ 1 23.2	3.940	4.940	1.2	20.3
9 28	23 58.06	+ 0 43.6	3.939	4.938	1.1	20.3
10 8	23 53.49	+ 0 4.8	3.969	4.936	3.3	20.5
10 18	23 49.45	− 0 30.6	4.028	4.933	5.3	20.6
10 28	23 46.26	− 1 0.4	4.113	4.931	7.2	20.8

26698 2001 FN_{128} 9 22.9 255.°10 7.°8/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.19	−14 52.9	1.774	2.657	13.1	18.4
8 29	0 19.86	−17 25.1	1.700	2.636	10.3	18.2
9 8	0 13.27	−20 1.9	1.651	2.614	8.2	18.0
9 18	0 4.95	−22 30.9	1.629	2.591	8.1	18.0
9 28	23 55.87	−24 39.1	1.635	2.568	10.3	18.1
10 8	23 47.15	−26 17.0	1.667	2.543	13.4	18.2
10 18	23 39.86	−27 20.0	1.721	2.519	16.5	18.4
10 28	23 34.87	−27 48.2	1.792	2.493	19.2	18.5

320059 2007 EV_{25} 9 22.9 89.°81 2.°7/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.19	− 8 25.7	2.379	3.238	11.1	20.4
8 29	0 21.07	− 8 44.1	2.325	3.256	8.2	20.3
9 8	0 13.43	− 9 3.7	2.296	3.273	5.1	20.1
9 18	0 4.85	− 9 20.8	2.295	3.290	2.8	20.0
9 28	23 56.09	− 9 31.5	2.323	3.307	3.9	20.1
10 8	23 47.92	− 9 32.8	2.380	3.324	6.7	20.3
10 18	23 40.99	− 9 23.1	2.464	3.341	9.5	20.5
10 28	23 35.79	− 9 1.8	2.573	3.357	11.9	20.7

13444 3040 P–L 9 22.9 10.°33 7.°2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.33	+15 29.7	1.225	2.060	20.8	17.3
8 29	0 18.24	+16 19.2	1.165	2.063	17.1	17.1
9 8	0 12.43	+16 41.4	1.122	2.067	13.1	16.9
9 18	0 4.67	+16 34.4	1.098	2.074	9.2	16.7
9 28	23 56.22	+16 0.3	1.097	2.081	7.2	16.6
10 8	23 48.54	+15 6.6	1.119	2.090	8.8	16.7
10 18	23 42.87	+14 3.5	1.163	2.100	12.4	17.0
10 28	23 40.06	+13 1.9	1.228	2.112	16.2	17.2

307593 2003 NB_5 9 22.9 27.°67 12.°7/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.15	−24 38.5	1.114	2.014	17.8	18.9
8 29	0 20.19	−26 24.0	1.097	2.031	14.9	18.8
9 8	0 13.38	−27 50.4	1.100	2.049	13.0	18.7
9 18	0 4.86	−28 45.4	1.123	2.068	12.9	18.8
9 28	23 56.18	−29 0.9	1.167	2.089	14.5	19.0
10 8	23 48.83	−28 35.8	1.231	2.110	16.9	19.2
10 18	23 43.83	−27 34.8	1.312	2.133	19.4	19.4
10 28	23 41.74	−26 4.9	1.410	2.157	21.7	19.7

104576 2000 GG_{80} 9 22.9 274.°97 2.°3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.75	+10 18.4	1.945	2.771	14.5	19.6
8 29	0 16.94	+ 9 46.0	1.857	2.761	11.4	19.4
9 8	0 11.25	+ 8 54.2	1.790	2.751	7.8	19.1
9 18	0 4.22	+ 7 45.4	1.748	2.741	4.0	18.9
9 28	23 56.66	+ 6 24.7	1.734	2.731	2.6	18.8
10 8	23 49.49	+ 4 59.4	1.748	2.722	5.9	19.0
10 18	23 43.57	+ 3 37.4	1.789	2.712	9.8	19.2
10 28	23 39.59	+ 2 25.9	1.854	2.702	13.3	19.4

154134 2002 ET_{111} 9 22.9 66.°72 5.°4/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.94	−14 46.8	2.065	2.940	11.9	19.1
8 29	0 19.63	−15 39.1	2.024	2.958	9.0	19.0
9 8	0 12.62	−16 28.4	2.007	2.976	6.5	18.9
9 18	0 4.59	−17 8.7	2.016	2.995	5.4	18.8
9 28	23 56.38	−17 34.4	2.053	3.013	6.6	19.0
10 8	23 48.85	−17 42.5	2.116	3.031	9.1	19.1
10 18	23 42.70	−17 31.9	2.204	3.050	11.7	19.3
10 28	23 38.46	−17 3.7	2.313	3.068	13.9	19.6

436108 2009 SU_{321} 9 22.9 265.°86 0.°5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 14.15	− 0 47.7	4.469	5.314	6.5	21.6
8 29	0 11.00	− 1 21.0	4.384	5.309	4.8	21.4
9 8	0 7.11	− 1 58.6	4.326	5.304	2.9	21.3
9 18	0 2.73	− 2 38.5	4.297	5.299	1.0	21.1
9 28	23 58.19	− 3 18.2	4.299	5.294	1.4	21.2
10 8	23 53.81	− 3 55.5	4.330	5.289	3.4	21.3
10 18	23 49.92	− 4 28.0	4.391	5.284	5.2	21.5
10 28	23 46.80	− 4 54.0	4.478	5.279	6.9	21.6

138866 2000 WO_{163} 9 22.9 281.°84 1.°2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.27	− 1 32.1	2.111	2.971	12.2	20.3
8 29	0 17.85	− 2 5.2	2.032	2.964	9.1	20.1
9 8	0 11.70	− 2 46.6	1.976	2.956	5.5	19.9
9 18	0 4.35	− 3 32.4	1.947	2.948	1.9	19.6
9 28	23 56.55	− 4 17.2	1.946	2.941	2.8	19.7
10 8	23 49.17	− 4 55.8	1.973	2.933	6.6	19.9
10 18	23 42.97	− 5 23.7	2.026	2.925	10.1	20.1
10 28	23 38.56	− 5 38.1	2.102	2.918	13.2	20.3

449061 2012 FN_4 9 22.9 224.°80 0.°8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.25	+ 5 12.9	2.614	3.444	11.1	22.2
8 29	0 16.80	+ 4 46.9	2.524	3.436	8.5	22.0
9 8	0 10.93	+ 4 9.9	2.459	3.428	5.4	21.8
9 18	0 4.07	+ 3 24.2	2.421	3.420	2.2	21.5
9 28	23 56.84	+ 2 33.8	2.413	3.412	1.6	21.5
10 8	23 49.91	+ 1 43.2	2.434	3.403	4.8	21.7
10 18	23 43.92	+ 0 56.8	2.483	3.394	8.0	21.9
10 28	23 39.39	+ 0 18.5	2.558	3.385	10.7	22.1

315931 2008 SY_{233} 9 22.9 323.°80 1.°3/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 15.49	− 5 42.1	4.279	5.135	6.6	20.7
8 29	0 12.00	− 6 7.6	4.202	5.133	4.8	20.6
9 8	0 7.73	− 6 35.4	4.151	5.130	3.0	20.4
9 18	0 2.94	− 7 3.2	4.129	5.127	1.4	20.3
9 28	23 57.99	− 7 28.9	4.137	5.124	2.1	20.4
10 8	23 53.23	− 7 50.0	4.174	5.122	3.9	20.5
10 18	23 49.00	− 8 5.0	4.240	5.119	5.8	20.6
10 28	23 45.60	− 8 12.5	4.332	5.116	7.4	20.8

95257 2002 CD_{59} 9 22.9 62.°85 0.°2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.44	+ 2 1.7	2.087	2.939	12.7	19.5
8 29	0 17.16	+ 1 27.4	2.019	2.945	9.5	19.3
9 8	0 11.21	+ 0 42.2	1.974	2.951	5.8	19.1
9 18	0 4.17	− 0 10.0	1.956	2.958	1.9	18.8
9 28	23 56.79	− 1 3.9	1.966	2.964	2.1	18.9
10 8	23 49.90	− 1 53.8	2.004	2.971	6.0	19.1
10 18	23 44.21	− 2 34.8	2.069	2.977	9.5	19.4
10 28	23 40.29	− 3 3.5	2.158	2.984	12.5	19.6

360140 2013 CS_{43} 9 22.9 203.°61 0.°9/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.25	+ 4 33.1	2.228	3.063	12.6	21.4
8 29	0 19.24	+ 4 19.7	2.146	3.060	9.6	21.2
9 8	0 12.53	+ 3 54.9	2.087	3.057	6.2	21.0
9 18	0 4.63	+ 3 20.9	2.055	3.054	2.5	20.8
9 28	23 56.31	+ 2 41.8	2.052	3.051	1.8	20.7
10 8	23 48.40	+ 2 2.5	2.077	3.047	5.5	21.0
10 18	23 41.65	+ 1 27.5	2.130	3.043	9.0	21.2
10 28	23 36.67	+ 1 1.1	2.208	3.039	12.1	21.4

214142 2005 AQ_{57} 9 22.9 264.°60 8.°2/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.73	−20 45.8	1.868	2.742	13.0	20.0
8 29	0 21.51	−22 3.1	1.804	2.728	10.5	19.8
9 8	0 14.11	−23 14.5	1.763	2.715	8.6	19.7
9 18	0 5.20	−24 11.3	1.747	2.701	8.3	19.6
9 28	23 55.76	−24 45.6	1.757	2.687	9.9	19.7
10 8	23 46.90	−24 53.1	1.791	2.673	12.4	19.8
10 18	23 39.59	−24 32.9	1.848	2.658	15.0	20.0
10 28	23 34.55	−23 47.2	1.923	2.644	17.4	20.1

227037 2005 AX_{51} 9 22.9 318.°50 3.°1/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.83	− 6 58.4	2.073	2.948	11.8	20.0
8 29	0 16.83	− 7 46.1	1.997	2.937	8.8	19.8
9 8	0 11.10	− 8 38.7	1.945	2.926	5.5	19.6
9 18	0 4.16	− 9 30.8	1.919	2.915	3.2	19.5
9 28	23 56.79	−10 16.3	1.921	2.905	4.6	19.5
10 8	23 49.83	−10 50.0	1.950	2.895	7.8	19.7
10 18	23 44.05	−11 8.3	2.004	2.885	11.1	19.9
10 28	23 40.07	−11 9.4	2.080	2.876	14.0	20.1

488265 2016 RO_7 9 22.9 331.°82 3.°3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.32	+10 56.8	1.451	2.293	17.7	20.8
8 29	0 17.92	+10 41.9	1.375	2.287	14.1	20.6
9 8	0 12.12	+10 3.1	1.318	2.281	9.8	20.3
9 18	0 4.58	+ 9 2.0	1.283	2.275	5.4	20.1
9 28	23 56.37	+ 7 44.5	1.273	2.270	3.5	19.9
10 8	23 48.72	+ 6 19.9	1.289	2.265	7.2	20.2
10 18	23 42.74	+ 4 58.1	1.330	2.261	11.7	20.4
10 28	23 39.26	+ 3 48.4	1.392	2.257	15.8	20.6

56522 2000 HT_{24} 9 22.9 35.°67 2.°9/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.30	+ 9 56.8	1.350	2.199	18.4	18.5
8 29	0 18.61	+ 9 37.8	1.290	2.207	14.4	18.3
9 8	0 12.48	+ 8 55.0	1.248	2.215	9.8	18.0
9 18	0 4.67	+ 7 51.4	1.230	2.224	5.0	17.8
9 28	23 56.35	+ 6 34.1	1.236	2.234	3.2	17.7
10 8	23 48.79	+ 5 13.0	1.267	2.243	7.2	18.0
10 18	23 43.08	+ 3 58.0	1.323	2.254	11.8	18.3
10 28	23 39.94	+ 2 57.1	1.400	2.265	15.8	18.6

480698 2015 PP_{127} 9 22.9 308.°93 1.°7/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.90	+ 6 23.2	1.876	2.715	14.4	21.1
8 29	0 19.28	+ 6 16.0	1.799	2.713	11.1	20.9
9 8	0 12.69	+ 5 54.2	1.743	2.711	7.4	20.7
9 18	0 4.73	+ 5 20.0	1.712	2.709	3.4	20.5
9 28	23 56.26	+ 4 37.7	1.709	2.707	2.3	20.4
10 8	23 48.28	+ 3 53.1	1.733	2.706	6.1	20.6
10 18	23 41.67	+ 3 12.1	1.784	2.704	10.0	20.9
10 28	23 37.11	+ 2 39.9	1.858	2.702	13.4	21.1

436575 2011 HV_{77} 9 22.9 28.°13 6.°7/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.79	−12 37.5	1.239	2.137	16.5	20.2
8 29	0 20.46	−13 37.8	1.201	2.149	12.4	20.0
9 8	0 13.55	−14 36.6	1.183	2.161	8.6	19.8
9 18	0 4.98	−15 24.4	1.188	2.175	6.7	19.8
9 28	23 56.11	−15 52.1	1.216	2.189	8.4	19.9
10 8	23 48.28	−15 54.9	1.269	2.205	12.0	20.2
10 18	23 42.53	−15 32.1	1.342	2.221	15.6	20.4
10 28	23 39.51	−14 45.8	1.434	2.237	18.8	20.7

211753 2004 AL_9 9 22.9 268.°53 1.°0/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.94	+ 6 39.5	1.955	2.795	13.9	20.6
8 29	0 17.06	+ 5 56.1	1.868	2.785	10.7	20.4
9 8	0 11.33	+ 4 55.8	1.804	2.774	6.9	20.1
9 18	0 4.28	+ 3 41.8	1.765	2.764	2.8	19.8
9 28	23 56.70	+ 2 20.3	1.754	2.753	2.0	19.8
10 8	23 49.53	+ 0 58.7	1.772	2.743	6.1	20.0
10 18	23 43.58	− 0 15.7	1.816	2.732	10.1	20.2
10 28	23 39.54	− 1 16.8	1.884	2.721	13.6	20.4

168661 2000 EA_{53} 9 22.9 322.°73 0.°6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.07	+ 1 47.2	1.693	2.557	14.5	19.8
8 29	0 17.36	+ 1 3.4	1.617	2.550	10.9	19.6
9 8	0 11.60	+ 0 5.4	1.563	2.543	6.7	19.3
9 18	0 4.38	− 1 1.9	1.534	2.536	2.2	19.0
9 28	23 56.62	− 2 11.5	1.532	2.530	2.7	19.0
10 8	23 49.36	− 3 15.4	1.557	2.524	7.3	19.3
10 18	23 43.53	− 4 6.9	1.607	2.518	11.5	19.5
10 28	23 39.84	− 4 41.5	1.679	2.513	15.1	19.8

298650 2004 BZ_{110} 9 22.9 189.°86 0.°6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.02	+ 5 24.2	2.408	3.240	11.8	21.3
8 29	0 17.46	+ 4 41.9	2.325	3.239	9.0	21.1
9 8	0 11.38	+ 3 46.9	2.267	3.237	5.7	20.9
9 18	0 4.25	+ 2 42.4	2.236	3.235	2.2	20.6
9 28	23 56.76	+ 1 33.3	2.234	3.233	1.7	20.6
10 8	23 49.64	+ 0 25.3	2.262	3.230	5.2	20.9
10 18	23 43.57	− 0 36.3	2.318	3.226	8.6	21.1
10 28	23 39.09	− 1 27.0	2.399	3.223	11.5	21.2

494304 2016 SM_9 9 22.9 20.°18 3.°7/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.13	+11 3.2	1.367	2.211	18.5	20.9
8 29	0 18.54	+10 57.0	1.302	2.214	14.7	20.6
9 8	0 12.48	+10 26.6	1.256	2.218	10.2	20.4
9 18	0 4.69	+ 9 34.0	1.232	2.223	5.7	20.1
9 28	23 56.33	+ 8 24.9	1.232	2.228	3.8	20.0
10 8	23 48.68	+ 7 8.8	1.258	2.234	7.3	20.3
10 18	23 42.83	+ 5 55.4	1.308	2.241	11.7	20.6
10 28	23 39.58	+ 4 53.4	1.380	2.248	15.8	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
263271	2008 BT_{25}		9 22.9	264.°13	0.°4/23.3	18
	h m	° ′			°	m
8 19	0 27.20	+ 2 50.1	1.504	2.362	16.4	20.9
8 29	0 22.33	+ 2 37.8	1.423	2.351	12.5	20.7
9 8	0 14.89	+ 2 10.6	1.362	2.339	8.0	20.4
9 18	0 5.56	+ 1 31.7	1.326	2.327	2.9	20.0
9 28	23 55.43	+ 0 47.1	1.316	2.315	2.6	20.0
10 8	23 45.83	+ 0 4.2	1.332	2.302	7.8	20.3
10 18	23 37.95	− 0 30.2	1.373	2.290	12.6	20.5
10 28	23 32.70	− 0 50.6	1.435	2.277	16.8	20.8
175007	2004 ET_{79}		9 22.9	293.°30	5.°6/16.7	18
8 19	0 21.11	−11 37.4	1.837	2.721	12.6	19.5
8 29	0 17.31	−13 7.6	1.766	2.708	9.6	19.3
9 8	0 11.53	−14 41.3	1.720	2.695	6.7	19.1
9 18	0 4.36	−16 9.8	1.700	2.682	5.7	19.0
9 28	23 56.66	−17 24.4	1.706	2.670	7.4	19.1
10 8	23 49.42	−18 18.0	1.739	2.657	10.5	19.3
10 18	23 43.53	−18 47.0	1.794	2.644	13.7	19.5
10 28	23 39.68	−18 50.5	1.870	2.632	16.5	19.6
233024	2005 EN_{269}		9 22.9	38.°11	1.°2/24.0	18
8 19	0 23.93	+ 4 44.0	1.542	2.398	16.1	19.9
8 29	0 19.48	+ 4 34.6	1.486	2.411	12.3	19.7
9 8	0 12.85	+ 4 9.9	1.450	2.424	7.9	19.5
9 18	0 4.77	+ 3 33.1	1.438	2.438	3.2	19.2
9 28	23 56.31	+ 2 50.1	1.453	2.452	2.3	19.2
10 8	23 48.58	+ 2 7.6	1.493	2.467	6.8	19.5
10 18	23 42.53	+ 1 31.9	1.559	2.482	11.0	19.8
10 28	23 38.82	+ 1 7.8	1.648	2.497	14.6	20.1
69917	1998 TF		9 22.9	233.°15	1.°2/21.8	18
8 19	0 25.65	− 1 58.1	2.235	3.087	11.9	18.3
8 29	0 20.33	− 2 22.9	2.149	3.076	8.9	18.1
9 8	0 13.25	− 2 55.2	2.087	3.065	5.5	17.9
9 18	0 4.92	− 3 31.2	2.052	3.053	1.9	17.6
9 28	23 56.11	− 4 6.3	2.046	3.041	2.7	17.7
10 8	23 47.68	− 4 35.7	2.070	3.029	6.4	17.9
10 18	23 40.41	− 4 55.6	2.120	3.016	9.9	18.1
10 28	23 34.94	− 5 3.2	2.194	3.003	12.9	18.3
313630	2003 RH_{27}		9 22.9	86.°72	4.°8/28.3	18
8 19	0 25.23	+16 2.4	2.352	3.129	13.7	20.3
8 29	0 19.93	+16 31.5	2.276	3.138	11.3	20.2
9 8	0 12.94	+16 44.2	2.222	3.148	8.6	20.0
9 18	0 4.80	+16 40.0	2.192	3.158	6.1	19.9
9 28	23 56.26	+16 20.3	2.190	3.168	4.8	19.8
10 8	23 48.16	+15 48.9	2.217	3.178	5.9	19.9
10 18	23 41.23	+15 10.5	2.270	3.187	8.3	20.1
10 28	23 36.07	+14 30.9	2.349	3.197	10.9	20.3
14970	1997 QA_2		9 23.0	99.°32	2.°3/25.3	18
8 19	0 23.07	+ 8 46.7	1.947	2.775	14.4	19.1
8 29	0 18.58	+ 8 33.5	1.872	2.778	11.2	18.9
9 8	0 12.21	+ 8 4.0	1.819	2.782	7.6	18.7
9 18	0 4.57	+ 7 20.3	1.791	2.785	3.9	18.4
9 28	23 56.50	+ 6 26.8	1.791	2.788	2.5	18.4
10 8	23 48.92	+ 5 29.7	1.818	2.791	5.8	18.6
10 18	23 42.66	+ 4 35.2	1.872	2.794	9.5	18.8
10 28	23 38.36	+ 3 49.1	1.951	2.797	12.8	19.0
173191	1998 KJ_{61}		9 23.0	76.°29	3.°2/20.2	17
8 19	0 26.68	− 3 26.2	1.376	2.254	16.4	20.1
8 29	0 21.55	− 4 42.2	1.336	2.278	12.0	19.9
9 8	0 14.08	− 6 7.5	1.319	2.302	7.3	19.7
9 18	0 5.16	− 7 32.7	1.326	2.326	3.4	19.6
9 28	23 56.01	− 8 48.0	1.360	2.349	5.2	19.8
10 8	23 47.85	− 9 45.4	1.420	2.372	9.4	20.1
10 18	23 41.64	−10 20.4	1.503	2.395	13.4	20.4
10 28	23 37.98	−10 32.1	1.607	2.418	16.7	20.6
167932	2005 EH_{171}		9 23.0	281.°38	2.°4/25.9	18
8 19	0 19.47	+13 8.9	1.841	2.659	15.5	19.9
8 29	0 16.09	+11 58.9	1.752	2.652	12.2	19.7
9 8	0 10.78	+10 23.2	1.686	2.644	8.4	19.4
9 18	0 4.12	+ 8 25.1	1.644	2.636	4.4	19.2
9 28	23 56.94	+ 6 12.2	1.631	2.629	2.6	19.0
10 8	23 50.20	+ 3 55.1	1.647	2.621	6.1	19.3
10 18	23 44.78	+ 1 44.6	1.690	2.613	10.2	19.5
10 28	23 41.34	− 0 10.0	1.758	2.606	13.9	19.7
387985	2005 QH_2		9 23.0	339.°94	4.°0/25.9	18
8 19	0 20.65	+ 9 45.4	1.187	2.048	19.6	19.8
8 29	0 17.94	+ 9 59.1	1.113	2.036	15.7	19.5
9 8	0 12.42	+ 9 48.5	1.058	2.025	11.0	19.2
9 18	0 4.78	+ 9 14.1	1.022	2.015	6.2	18.9
9 28	23 56.25	+ 8 20.6	1.010	2.007	4.2	18.8
10 8	23 48.32	+ 7 17.0	1.021	1.999	8.2	19.0
10 18	23 42.36	+ 6 13.9	1.054	1.993	13.3	19.3
10 28	23 39.35	+ 5 21.4	1.108	1.988	17.9	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
15879	1996 XH_6		9 23.0	3.°66	1.°9/21.2	18
	h m	° ′			°	m
8 19	0 21.38	− 2 17.1	1.710	2.584	14.0	17.7
8 29	0 17.49	− 3 0.2	1.645	2.584	10.3	17.5
9 8	0 11.61	− 3 52.8	1.601	2.584	6.3	17.3
9 18	0 4.38	− 4 49.4	1.583	2.584	2.4	17.0
9 28	23 56.71	− 5 42.9	1.592	2.586	3.6	17.1
10 8	23 49.61	− 6 26.8	1.627	2.587	7.7	17.4
10 18	23 43.94	− 6 56.1	1.687	2.589	11.6	17.6
10 28	23 40.37	− 7 8.0	1.769	2.592	14.9	17.8
262395	2006 US_{10}		9 23.0	257.°61	1.°9/21.5	18
8 19	0 26.49	− 2 12.8	1.558	2.428	15.3	21.3
8 29	0 21.65	− 2 49.3	1.482	2.419	11.4	21.1
9 8	0 14.39	− 3 36.6	1.428	2.409	7.0	20.8
9 18	0 5.38	− 4 29.1	1.398	2.399	2.6	20.5
9 28	23 55.70	− 5 19.4	1.395	2.389	3.9	20.6
10 8	23 46.58	− 6 0.0	1.418	2.379	8.6	20.8
10 18	23 39.14	− 6 25.4	1.466	2.369	13.0	21.1
10 28	23 34.19	− 6 32.3	1.535	2.358	16.8	21.3
235640	2004 RS_{81}		9 23.0	323.°59	1.°9/24.4	18
8 19	0 23.28	+ 5 30.0	1.398	2.259	17.2	20.7
8 29	0 19.57	+ 5 33.9	1.317	2.244	13.4	20.4
9 8	0 13.29	+ 5 20.4	1.256	2.230	8.9	20.1
9 18	0 5.06	+ 4 51.4	1.217	2.216	4.0	19.8
9 28	23 55.99	+ 4 11.8	1.204	2.203	2.7	19.7
10 8	23 47.43	+ 3 29.1	1.215	2.190	7.6	20.0
10 18	23 40.59	+ 2 50.8	1.250	2.178	12.6	20.2
10 28	23 36.43	+ 2 23.9	1.306	2.167	16.9	20.5
300348	2007 RP_{49}		9 23.0	135.°44	0.°8/23.8	18
8 19	0 22.58	+ 5 45.5	1.962	2.803	13.8	21.1
8 29	0 18.16	+ 5 5.1	1.890	2.808	10.5	20.9
9 8	0 11.93	+ 4 9.6	1.841	2.813	6.7	20.7
9 18	0 4.48	+ 3 2.8	1.818	2.818	2.6	20.4
9 28	23 56.64	+ 1 50.6	1.824	2.823	1.9	20.4
10 8	23 49.31	+ 0 40.0	1.857	2.827	6.0	20.7
10 18	23 43.28	− 0 22.7	1.917	2.831	9.8	20.9
10 28	23 39.16	− 1 12.3	2.002	2.835	13.0	21.1
392042	2009 BL_{91}		9 23.0	16.°76	1.°9/24.7	18
8 19	0 24.18	+ 6 25.3	1.680	2.524	15.6	20.7
8 29	0 19.67	+ 6 23.1	1.609	2.526	12.0	20.5
9 8	0 13.03	+ 6 5.1	1.559	2.528	8.0	20.2
9 18	0 4.89	+ 5 33.5	1.533	2.530	3.7	20.0
9 28	23 56.24	+ 4 53.0	1.534	2.532	2.5	19.9
10 8	23 48.17	+ 4 10.0	1.562	2.535	6.5	20.2
10 18	23 41.63	+ 3 30.7	1.615	2.538	10.6	20.4
10 28	23 37.35	+ 3 0.8	1.691	2.541	14.2	20.7
222186	2000 CX_{74}		9 23.0	53.°69	3.°3/25.5	17
8 19	0 27.36	+ 8 37.3	1.384	2.227	18.3	20.1
8 29	0 22.38	+ 8 52.3	1.324	2.238	14.3	19.9
9 8	0 14.83	+ 8 47.4	1.283	2.248	9.8	19.6
9 18	0 5.52	+ 8 24.0	1.266	2.259	5.2	19.4
9 28	23 55.67	+ 7 46.7	1.273	2.270	3.6	19.3
10 8	23 46.65	+ 7 2.9	1.307	2.281	7.3	19.6
10 18	23 39.58	+ 6 20.3	1.364	2.292	11.8	19.9
10 28	23 35.23	+ 5 46.1	1.444	2.304	15.7	20.2
235968	2005 EY_{236}		9 23.0	93.°30	1.°7/21.4	18 R
8 19	0 24.92	− 2 18.2	1.803	2.668	13.8	20.8
8 29	0 19.99	− 2 54.5	1.741	2.675	10.2	20.6
9 8	0 13.09	− 3 39.2	1.701	2.682	6.2	20.4
9 18	0 4.88	− 4 27.4	1.687	2.689	2.3	20.1
9 28	23 56.30	− 5 12.7	1.701	2.695	3.4	20.2
10 8	23 48.33	− 5 49.2	1.743	2.702	7.4	20.5
10 18	23 41.84	− 6 12.7	1.810	2.709	11.1	20.7
10 28	23 37.45	− 6 20.6	1.899	2.715	14.3	21.0
288307	2004 BY_{31}		9 23.0	185.°12	2.°5/25.6	18
8 19	0 24.82	+ 9 20.5	2.172	2.988	13.5	20.9
8 29	0 19.76	+ 9 19.3	2.090	2.988	10.6	20.7
9 8	0 12.92	+ 9 3.3	2.030	2.988	7.3	20.5
9 18	0 4.84	+ 8 34.1	1.997	2.987	4.0	20.3
9 28	23 56.32	+ 7 54.8	1.991	2.986	2.7	20.3
10 8	23 48.21	+ 7 10.4	2.014	2.985	5.5	20.4
10 18	23 41.32	+ 6 26.2	2.065	2.984	8.9	20.6
10 28	23 36.27	+ 5 47.5	2.140	2.982	12.0	20.8
298262	2002 VD_{144}		9 23.0	359.°81	1.°1/21.9	18
8 19	0 22.23	− 0 15.1	1.667	2.536	14.5	20.2
8 29	0 18.21	− 0 51.3	1.599	2.535	10.8	20.0
9 8	0 12.11	− 1 39.0	1.553	2.534	6.6	19.8
9 18	0 4.59	− 2 33.2	1.532	2.534	2.2	19.5
9 28	23 56.59	− 3 27.0	1.538	2.534	3.0	19.6
10 8	23 49.16	− 4 13.5	1.570	2.535	7.5	19.8
10 18	23 43.23	− 4 47.2	1.627	2.536	11.6	20.1
10 28	23 39.46	− 5 4.6	1.706	2.537	15.0	20.3