337990 2002 CR_{253} 9 24.9 188.°49 3.°3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.45	− 5 11.8	1.882	2.737	13.7	20.9
8 29	0 28.04	− 6 11.2	1.811	2.737	10.4	20.7
9 8	0 21.58	− 7 18.1	1.763	2.736	6.8	20.5
9 18	0 13.64	− 8 26.1	1.740	2.735	3.7	20.3
9 28	0 5.08	− 9 27.9	1.746	2.734	4.4	20.4
10 8	23 56.88	−10 16.9	1.779	2.732	7.8	20.6
10 18	23 49.94	−10 48.6	1.837	2.730	11.3	20.8
10 28	23 44.95	−11 0.7	1.918	2.728	14.5	21.0

70603 1999 TA_{189} 9 24.9 96.°51 7.°6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.71	+24 49.2	1.913	2.640	18.0	19.4
8 29	0 27.67	+25 10.5	1.836	2.650	15.6	19.2
9 8	0 21.44	+25 5.6	1.776	2.659	12.8	19.0
9 18	0 13.61	+24 32.5	1.736	2.668	10.0	18.9
9 28	0 5.08	+23 32.2	1.721	2.678	8.0	18.8
10 8	23 56.93	+22 10.0	1.732	2.687	7.8	18.8
10 18	23 50.12	+20 33.9	1.769	2.695	9.6	18.9
10 28	23 45.40	+18 54.0	1.831	2.704	12.2	19.1

353506 2011 SD_{92} 9 24.9 4.°78 0.°7/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.84	+ 0 15.6	1.556	2.411	16.1	19.9
8 29	0 27.96	+ 0 6.9	1.487	2.411	12.4	19.7
9 8	0 21.72	− 0 12.9	1.438	2.412	8.0	19.5
9 18	0 13.75	− 0 40.1	1.413	2.413	3.3	19.2
9 28	0 5.04	− 1 9.1	1.414	2.414	1.9	19.1
10 8	23 56.77	− 1 33.8	1.442	2.417	6.7	19.4
10 18	23 49.97	− 1 49.0	1.494	2.420	11.1	19.7
10 28	23 45.44	− 1 51.1	1.568	2.424	14.9	19.9

475075 2005 UO_{147} 9 24.9 2.°24 1.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.41	− 1 53.2	1.255	2.125	18.2	20.8
8 29	0 29.69	− 2 1.2	1.191	2.124	14.0	20.5
9 8	0 23.11	− 2 20.1	1.147	2.124	9.0	20.2
9 18	0 14.39	− 2 44.8	1.124	2.124	3.8	19.9
9 28	0 4.77	− 3 8.5	1.126	2.125	2.9	19.9
10 8	23 55.71	− 3 24.3	1.153	2.127	8.1	20.2
10 18	23 48.49	− 3 26.8	1.202	2.130	13.0	20.5
10 28	23 44.03	− 3 13.0	1.273	2.134	17.3	20.8

266767 2009 SS_{137} 9 24.9 94.°14 1.°2/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.02	+ 7 56.2	1.593	2.421	17.0	21.2
8 29	0 27.97	+ 7 17.5	1.528	2.434	13.3	21.0
9 8	0 21.63	+ 6 19.0	1.483	2.446	9.0	20.8
9 18	0 13.68	+ 5 4.7	1.463	2.458	4.2	20.6
9 28	0 5.10	+ 3 41.5	1.469	2.470	1.5	20.4
10 8	23 57.03	+ 2 18.5	1.503	2.482	5.9	20.7
10 18	23 50.45	+ 1 4.1	1.562	2.494	10.3	21.0
10 28	23 46.09	+ 0 4.9	1.646	2.505	14.1	21.3

450088 2015 RY_{90} 9 24.9 331.°36 1.°4/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.35	+11 15.9	1.629	2.459	16.6	20.2
8 29	0 20.82	+10 6.2	1.533	2.439	13.3	19.9
9 8	0 17.18	+ 8 28.5	1.458	2.419	9.2	19.7
9 18	0 11.91	+ 6 26.0	1.407	2.401	4.6	19.3
9 28	0 5.82	+ 4 6.9	1.382	2.383	1.6	19.1
10 8	23 59.93	+ 1 43.0	1.385	2.366	6.0	19.3
10 18	23 55.23	− 0 32.9	1.414	2.350	10.7	19.6
10 28	23 52.52	− 2 29.8	1.467	2.336	15.0	19.8

433866 2015 BV_{296} 9 24.9 203.°30 4.°1/28.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 43.60	+11 28.6	2.065	2.838	15.5	21.1
8 29	0 36.69	+12 14.6	1.968	2.833	12.7	20.9
9 8	0 27.37	+12 47.0	1.894	2.827	9.4	20.7
9 18	0 16.15	+13 4.3	1.845	2.821	6.0	20.5
9 28	0 3.98	+13 6.7	1.825	2.814	4.1	20.3
10 8	23 51.99	+12 57.0	1.835	2.806	6.0	20.4
10 18	23 41.27	+12 39.8	1.874	2.797	9.4	20.6
10 28	23 32.73	+12 20.7	1.939	2.788	12.8	20.8

383113 2005 SX_{239} 9 24.9 266.°36 3.°3/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.84	+10 55.8	1.654	2.467	17.2	21.0
8 29	0 28.83	+11 1.3	1.569	2.460	13.9	20.7
9 8	0 22.40	+10 47.2	1.503	2.453	10.0	20.5
9 18	0 14.10	+10 13.9	1.460	2.446	5.9	20.2
9 28	0 4.89	+ 9 24.8	1.442	2.439	3.3	20.1
10 8	23 55.95	+ 8 26.2	1.452	2.431	6.0	20.2
10 18	23 48.39	+ 7 26.2	1.487	2.424	10.3	20.4
10 28	23 43.11	+ 6 32.7	1.546	2.417	14.2	20.7

320222 2007 HY_{71} 9 24.9 161.°84 3.°9/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.77	−11 22.0	2.621	3.470	10.5	21.0
8 29	0 26.91	−12 3.0	2.554	3.473	8.0	20.8
9 8	0 20.54	−12 44.4	2.510	3.476	5.6	20.7
9 18	0 13.14	−13 21.9	2.495	3.479	3.9	20.6
9 28	0 5.35	−13 50.9	2.508	3.482	4.6	20.6
10 8	23 57.85	−14 7.7	2.550	3.484	6.8	20.8
10 18	23 51.29	−14 10.5	2.618	3.486	9.3	20.9
10 28	23 46.20	−13 58.5	2.711	3.488	11.6	21.1

128949 2004 TV_{131} 9 24.9 272.°73 0.°5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.12	+ 2 10.6	2.350	3.183	12.1	20.3
8 29	0 24.45	+ 1 30.9	2.257	3.170	9.3	20.1
9 8	0 19.15	+ 0 40.1	2.188	3.157	6.0	19.9
9 18	0 12.63	− 0 18.4	2.144	3.143	2.4	19.6
9 28	0 5.54	− 1 19.8	2.130	3.130	1.5	19.5
10 8	23 58.62	− 2 18.4	2.144	3.116	5.1	19.8
10 18	23 52.59	− 3 9.1	2.186	3.102	8.6	19.9
10 28	23 48.06	− 3 47.7	2.253	3.089	11.7	20.1

344108 1999 TB_{255} 9 24.9 341.°69 3.°1/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.17	+ 7 7.9	1.329	2.175	18.8	20.2
8 29	0 28.09	+ 7 43.1	1.249	2.162	15.1	19.9
9 8	0 22.22	+ 8 1.6	1.188	2.151	10.7	19.6
9 18	0 14.11	+ 8 3.2	1.148	2.140	5.9	19.3
9 28	0 4.88	+ 7 50.6	1.132	2.131	3.2	19.1
10 8	23 55.93	+ 7 29.2	1.141	2.123	6.9	19.3
10 18	23 48.61	+ 7 6.0	1.173	2.116	11.8	19.6
10 28	23 43.98	+ 6 48.4	1.226	2.110	16.2	19.8

25935 2001 DG_{74} 9 24.9 242.°70 4.°3/21.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.24	−10 23.2	2.030	2.881	13.0	17.8
8 29	0 30.88	−10 56.7	1.950	2.872	10.0	17.6
9 8	0 23.43	−11 32.0	1.894	2.862	6.9	17.4
9 18	0 14.45	−12 3.4	1.864	2.852	4.5	17.2
9 28	0 4.80	−12 25.1	1.862	2.842	5.2	17.2
10 8	23 55.47	−12 32.6	1.888	2.832	8.1	17.4
10 18	23 47.38	−12 23.3	1.940	2.821	11.4	17.6
10 28	23 41.25	−11 56.8	2.014	2.810	14.4	17.8

428940 2008 XA 9 25.0 351.°48 1.°5/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.89	+11 56.9	3.789	4.569	8.9	20.2
8 29	0 19.09	+11 15.1	3.694	4.567	7.1	20.1
9 8	0 15.35	+10 22.2	3.623	4.564	5.0	19.9
9 18	0 10.97	+ 9 20.0	3.579	4.562	2.9	19.8
9 28	0 6.31	+ 8 11.1	3.564	4.561	1.5	19.7
10 8	0 1.79	+ 6 59.1	3.581	4.559	2.9	19.8
10 18	23 57.78	+ 5 47.8	3.627	4.558	5.0	19.9
10 28	23 54.65	+ 4 40.7	3.702	4.556	7.1	20.1

488157 2015 WS_{14} 9 25.0 325.°46 4.°3/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.12	+13 26.9	1.899	2.697	15.8	21.1
8 29	0 25.77	+13 48.2	1.803	2.681	13.0	20.9
9 8	0 20.32	+13 51.6	1.728	2.666	9.8	20.7
9 18	0 13.23	+13 36.4	1.675	2.651	6.5	20.4
9 28	0 5.30	+13 4.2	1.648	2.637	4.4	20.3
10 8	23 57.52	+12 19.6	1.647	2.624	5.9	20.3
10 18	23 50.84	+11 28.7	1.673	2.611	9.2	20.5
10 28	23 46.10	+10 39.0	1.723	2.598	12.7	20.7

417931 2007 RG_{293} 9 25.0 114.°97 1.°4/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.94	+ 0 9.6	1.388	2.243	17.7	21.7
8 29	0 31.34	− 0 22.9	1.325	2.249	13.5	21.5
9 8	0 24.03	− 1 9.1	1.282	2.255	8.7	21.2
9 18	0 14.76	− 2 3.3	1.262	2.261	3.6	20.9
9 28	0 4.70	− 2 57.7	1.268	2.267	2.7	20.9
10 8	23 55.22	− 3 43.9	1.300	2.273	7.7	21.2
10 18	23 47.51	− 4 15.7	1.357	2.278	12.4	21.5
10 28	23 42.43	− 4 29.0	1.435	2.283	16.5	21.8

479495 2014 AA_{42} 9 25.0 122.°42 2.°6/22.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.05	− 3 18.2	1.958	2.807	13.5	21.8
8 29	0 27.56	− 4 18.3	1.895	2.818	10.2	21.6
9 8	0 21.17	− 5 26.5	1.856	2.829	6.5	21.4
9 18	0 13.46	− 6 36.9	1.843	2.840	3.2	21.2
9 28	0 5.26	− 7 42.5	1.858	2.850	3.6	21.3
10 8	23 57.48	− 8 36.9	1.902	2.860	7.0	21.5
10 18	23 50.93	− 9 15.7	1.971	2.869	10.4	21.7
10 28	23 46.24	− 9 36.4	2.064	2.878	13.4	21.9

3002 Delasalle 9 25.0 95.°19 4.°2/21.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.12	− 5 1.0	1.392	2.259	16.9	16.0
8 29	0 30.54	− 6 13.5	1.342	2.274	12.8	15.8
9 8	0 23.37	− 7 34.9	1.313	2.289	8.3	15.6
9 18	0 14.42	− 8 56.1	1.308	2.303	4.6	15.4
9 28	0 4.87	−10 7.1	1.329	2.317	5.4	15.5
10 8	23 56.02	−10 59.4	1.376	2.331	9.4	15.8
10 18	23 48.95	−11 28.4	1.446	2.345	13.4	16.0
10 28	23 44.41	−11 33.0	1.538	2.358	16.9	16.3

9804 Shrikulkarni 9 25.0 144.°60 5.°7/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.57	−12 31.3	2.053	2.915	12.5	17.9
8 29	0 27.17	−13 58.4	1.996	2.921	9.6	17.8
9 8	0 20.92	−15 26.6	1.963	2.928	7.0	17.6
9 18	0 13.36	−16 48.1	1.957	2.934	5.7	17.5
9 28	0 5.31	−17 55.4	1.979	2.940	6.8	17.6
10 8	23 57.66	−18 42.9	2.027	2.945	9.3	17.8
10 18	23 51.19	−19 7.9	2.100	2.950	12.0	18.0
10 28	23 46.53	−19 10.2	2.194	2.955	14.4	18.2

7937 1990 QA_2 9 25.0 292.°54 0.°7/25.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.51	+ 4 49.6	1.762	2.596	15.4	17.5
8 29	0 27.59	+ 4 33.8	1.680	2.590	12.0	17.2
9 8	0 21.46	+ 4 3.2	1.618	2.584	8.1	17.0
9 18	0 13.69	+ 3 20.6	1.581	2.577	3.6	16.7
9 28	0 5.15	+ 2 30.9	1.570	2.571	1.3	16.5
10 8	23 56.89	+ 1 40.8	1.587	2.565	5.8	16.8
10 18	23 49.91	+ 0 56.6	1.630	2.559	10.1	17.1
10 28	23 44.99	+ 0 23.9	1.696	2.553	13.9	17.3

407602 2011 BL_{52} 9 25.0 284.°30 3.°6/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.56	+12 24.5	2.437	3.214	13.3	21.1
8 29	0 28.79	+12 51.9	2.322	3.189	10.9	20.9
9 8	0 22.13	+13 6.3	2.230	3.163	8.2	20.7
9 18	0 13.98	+13 7.1	2.163	3.138	5.3	20.5
9 28	0 5.00	+12 55.0	2.124	3.112	3.7	20.3
10 8	23 56.02	+12 32.9	2.113	3.086	5.1	20.4
10 18	23 47.90	+12 4.7	2.131	3.060	8.1	20.5
10 28	23 41.37	+11 35.5	2.175	3.034	11.2	20.7

237846 2002 FR_{25} 9 25.0 79.°91 8.°8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.12	−19 41.4	1.678	2.545	14.5	19.9
8 29	0 29.42	−21 19.9	1.643	2.562	11.7	19.7
9 8	0 22.46	−22 51.3	1.630	2.578	9.5	19.6
9 18	0 14.00	−24 5.6	1.642	2.595	8.9	19.6
9 28	0 5.08	−24 54.8	1.679	2.611	10.1	19.8
10 8	23 56.84	−25 14.7	1.740	2.628	12.3	19.9
10 18	23 50.19	−25 5.2	1.823	2.644	14.8	20.1
10 28	23 45.79	−24 29.2	1.925	2.660	17.0	20.3

37883 1998 FA_{51} 9 25.0 77.°27 1.°3/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.80	− 2 42.1	1.675	2.518	15.7	18.5
8 29	0 33.80	− 2 35.5	1.609	2.527	12.0	18.3
9 8	0 25.39	− 2 35.6	1.565	2.536	7.8	18.0
9 18	0 15.27	− 2 39.0	1.547	2.545	3.2	17.8
9 28	0 4.52	− 2 41.2	1.556	2.555	2.3	17.8
10 8	23 54.33	− 2 38.2	1.593	2.564	6.7	18.1
10 18	23 45.75	− 2 26.6	1.656	2.573	10.8	18.3
10 28	23 39.54	− 2 4.6	1.743	2.582	14.4	18.6

239970 2001 QX_{53} 9 25.0 75.°04 0.°9/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.84	+ 4 46.1	1.206	2.055	20.1	20.0
8 29	0 32.99	+ 4 37.7	1.154	2.072	15.6	19.7
9 8	0 25.16	+ 4 10.5	1.121	2.089	10.4	19.5
9 18	0 15.22	+ 3 28.4	1.109	2.107	4.6	19.2
9 28	0 4.56	+ 2 38.4	1.123	2.124	1.7	19.1
10 8	23 54.73	+ 1 49.7	1.161	2.141	7.2	19.5
10 18	23 46.98	+ 1 10.1	1.224	2.158	12.3	19.8
10 28	23 42.17	+ 0 45.4	1.308	2.175	16.6	20.2

474445 2003 QO_{76} 9 25.0 4.°20 4.°6/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 22.47	+ 7 36.8	0.858	1.745	22.9	19.2
8 29	0 22.19	+ 8 38.7	0.808	1.743	18.5	18.9
9 8	0 18.69	+ 9 17.2	0.773	1.744	13.3	18.6
9 18	0 12.69	+ 9 31.3	0.756	1.748	7.8	18.4
9 28	0 5.62	+ 9 24.0	0.758	1.756	4.6	18.2
10 8	23 59.21	+ 9 3.1	0.781	1.766	7.9	18.5
10 18	23 54.93	+ 8 38.3	0.823	1.780	13.1	18.8
10 28	23 53.77	+ 8 19.2	0.883	1.796	17.9	19.1

255261 2005 VU_7 9 25.0 255.°94 2.°8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.05	− 6 51.2	2.297	3.144	11.9	20.7
8 29	0 28.21	− 7 18.1	2.214	3.135	9.0	20.5
9 8	0 21.59	− 7 48.8	2.154	3.125	5.9	20.3
9 18	0 13.68	− 8 19.0	2.122	3.116	3.2	20.1
9 28	0 5.20	− 8 44.1	2.117	3.106	3.6	20.1
10 8	23 56.97	− 8 59.7	2.142	3.097	6.5	20.3
10 18	23 49.76	− 9 2.9	2.193	3.087	9.7	20.5
10 28	23 44.21	− 8 52.3	2.269	3.077	12.6	20.7

348081 2003 WK_{80} 9 25.0 264.°47 4.°7/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.24	−11 1.6	1.894	2.750	13.6	20.7
8 29	0 31.03	−11 35.2	1.817	2.740	10.5	20.5
9 8	0 23.61	−12 10.2	1.763	2.731	7.3	20.2
9 18	0 14.57	−12 40.4	1.734	2.722	4.9	20.1
9 28	0 4.82	−12 59.7	1.733	2.712	5.6	20.1
10 8	23 55.43	−13 3.2	1.759	2.703	8.6	20.3
10 18	23 47.36	−12 48.7	1.811	2.693	12.0	20.5
10 28	23 41.39	−12 16.0	1.885	2.684	15.1	20.7

195217 2002 DU_{11} 9 25.0 216.°74 0.°8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.26	+ 6 41.2	4.434	5.231	7.4	20.5
8 29	0 19.97	+ 6 29.0	4.343	5.231	5.8	20.3
9 8	0 15.87	+ 6 10.2	4.277	5.230	4.0	20.2
9 18	0 11.20	+ 5 46.1	4.238	5.229	2.0	20.1
9 28	0 6.29	+ 5 18.4	4.229	5.228	0.9	20.0
10 8	0 1.48	+ 4 49.4	4.250	5.228	2.5	20.1
10 18	23 57.13	+ 4 21.2	4.301	5.227	4.5	20.3
10 28	23 53.52	+ 3 56.0	4.380	5.226	6.2	20.4

169043 2001 FV_{48} 9 25.0 145.°86 2.°3/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.31	− 5 15.2	2.178	3.015	12.7	20.3
8 29	0 31.39	− 5 33.1	2.107	3.023	9.7	20.2
9 8	0 23.59	− 5 55.3	2.061	3.031	6.3	20.0
9 18	0 14.49	− 6 17.9	2.041	3.038	3.0	19.8
9 28	0 4.89	− 6 36.3	2.051	3.045	3.0	19.8
10 8	23 55.70	− 6 46.7	2.090	3.051	6.3	20.0
10 18	23 47.73	− 6 46.3	2.157	3.057	9.6	20.2
10 28	23 41.60	− 6 33.7	2.248	3.062	12.5	20.4

383535 2007 DS_{55} 9 25.0 273.°17 2.°1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.74	− 1 22.1	1.621	2.475	15.6	21.5
8 29	0 28.79	− 2 2.6	1.536	2.462	11.9	21.2
9 8	0 22.41	− 2 55.3	1.474	2.448	7.7	20.9
9 18	0 14.16	− 3 54.9	1.435	2.434	3.4	20.6
9 28	0 4.99	− 4 54.0	1.423	2.420	3.2	20.6
10 8	23 56.09	− 5 44.7	1.438	2.406	7.7	20.8
10 18	23 48.56	− 6 20.4	1.477	2.391	12.1	21.1
10 28	23 43.30	− 6 37.2	1.539	2.377	16.0	21.3

320010 2007 DL_{39} 9 25.0 106.°23 1.°8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.81	− 2 1.7	2.276	3.121	12.0	20.3
8 29	0 24.92	− 2 49.5	2.203	3.124	9.1	20.1
9 8	0 19.42	− 3 45.3	2.154	3.127	5.8	19.9
9 18	0 12.76	− 4 44.6	2.132	3.130	2.6	19.7
9 28	0 5.64	− 5 41.8	2.138	3.133	2.7	19.7
10 8	23 58.81	− 6 31.5	2.173	3.135	5.9	19.9
10 18	23 52.96	− 7 9.6	2.234	3.138	9.1	20.1
10 28	23 48.65	− 7 33.2	2.320	3.141	11.9	20.3

519835 2013 KL_{19} 9 25.0 133.°92 3.°2/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.89	+17 33.8	2.824	3.574	12.3	21.8
8 29	0 23.95	+16 55.9	2.738	3.585	10.1	21.6
9 8	0 18.65	+16 0.6	2.674	3.595	7.6	21.5
9 18	0 12.42	+14 49.4	2.636	3.604	5.0	21.3
9 28	0 5.81	+13 25.5	2.627	3.614	3.3	21.2
10 8	23 59.45	+11 54.0	2.648	3.623	4.1	21.3
10 18	23 53.93	+10 20.8	2.699	3.631	6.4	21.4
10 28	23 49.71	+ 8 51.8	2.778	3.640	8.9	21.6

89551 2001 XX_{97} 9 25.0 301.°79 0.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.12	+ 2 34.8	1.523	2.372	16.7	18.8
8 29	0 28.53	+ 2 20.9	1.435	2.355	13.0	18.5
9 8	0 22.38	+ 1 52.2	1.368	2.339	8.6	18.2
9 18	0 14.21	+ 1 11.8	1.324	2.322	3.7	17.9
9 28	0 5.00	+ 0 25.7	1.305	2.306	1.6	17.7
10 8	23 56.01	− 0 18.9	1.313	2.290	6.9	18.0
10 18	23 48.44	− 0 54.8	1.346	2.275	11.8	18.2
10 28	23 43.27	− 1 16.2	1.400	2.260	16.1	18.5

67947 2000 WR_{153} 9 25.0 263.°71 3.°1/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.36	+ 9 1.6	1.881	2.686	15.7	19.6
8 29	0 31.33	+ 9 29.9	1.788	2.676	12.7	19.3
9 8	0 23.98	+ 9 44.1	1.716	2.665	9.1	19.1
9 18	0 14.83	+ 9 44.0	1.669	2.655	5.3	18.9
9 28	0 4.76	+ 9 31.3	1.648	2.644	3.1	18.7
10 8	23 54.87	+ 9 9.9	1.656	2.633	5.7	18.9
10 18	23 46.22	+ 8 45.2	1.690	2.622	9.6	19.1
10 28	23 39.70	+ 8 23.0	1.749	2.611	13.3	19.3

204498 2005 CM_{19} 9 25.0 234.°30 0.°1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.67	+ 3 57.5	2.116	2.942	13.5	21.6
8 29	0 27.39	+ 3 26.6	2.024	2.931	10.5	21.4
9 8	0 21.20	+ 2 42.7	1.955	2.921	6.9	21.2
9 18	0 13.59	+ 1 48.8	1.912	2.910	3.0	20.9
9 28	0 5.30	+ 0 49.8	1.898	2.899	1.2	20.8
10 8	23 57.22	− 0 8.1	1.912	2.887	5.3	21.0
10 18	23 50.17	− 0 59.2	1.953	2.875	9.2	21.3
10 28	23 44.88	− 1 38.7	2.020	2.862	12.6	21.5

443380 2014 HU_7 9 25.0 75.°01 2.°0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.88	− 1 54.8	1.887	2.737	13.9	21.6
8 29	0 26.82	− 2 39.9	1.819	2.742	10.5	21.4
9 8	0 20.79	− 3 34.3	1.774	2.748	6.7	21.1
9 18	0 13.38	− 4 32.8	1.754	2.753	3.0	20.9
9 28	0 5.42	− 5 28.8	1.763	2.758	3.0	20.9
10 8	23 57.84	− 6 16.1	1.798	2.763	6.7	21.2
10 18	23 51.49	− 6 49.8	1.860	2.769	10.3	21.4
10 28	23 47.02	− 7 7.1	1.945	2.774	13.5	21.6

84631 2002 VW_{51} 9 25.0 154.°65 7.°5/18.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.36	−17 54.6	1.872	2.726	13.8	19.5
8 29	0 32.54	−19 5.3	1.818	2.733	11.0	19.4
9 8	0 24.49	−20 11.6	1.788	2.740	8.5	19.2
9 18	0 14.91	−21 5.4	1.783	2.746	7.5	19.2
9 28	0 4.80	−21 39.2	1.805	2.752	8.5	19.3
10 8	23 55.25	−21 48.8	1.853	2.756	10.9	19.4
10 18	23 47.21	−21 33.5	1.925	2.761	13.5	19.6
10 28	23 41.38	−20 55.1	2.018	2.764	16.0	19.8

285370 1999 TO_{78} 9 25.0 331.°67 0.°9/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.71	− 0 2.0	2.038	2.880	13.3	21.3
8 29	0 26.63	− 0 23.0	1.958	2.876	10.2	21.1
9 8	0 20.68	− 0 53.4	1.901	2.873	6.6	20.9
9 18	0 13.35	− 1 29.5	1.870	2.869	2.7	20.6
9 28	0 5.43	− 2 6.5	1.867	2.866	1.8	20.6
10 8	23 57.79	− 2 39.3	1.891	2.863	5.7	20.8
10 18	23 51.26	− 3 3.3	1.943	2.860	9.4	21.0
10 28	23 46.49	− 3 15.3	2.018	2.858	12.7	21.3

342219 2008 SW_{253} 9 25.0 120.°21 2.°8/22.5 18

8 19	0 33.79	− 4 0.2	1.777	2.630	14.5	20.9
8 29	0 29.14	− 4 44.6	1.712	2.636	11.0	20.7
9 8	0 22.35	− 5 36.6	1.669	2.643	7.1	20.4
9 18	0 14.04	− 6 30.7	1.652	2.649	3.4	20.2
9 28	0 5.16	− 7 19.8	1.663	2.655	3.7	20.3
10 8	23 56.72	− 7 57.8	1.701	2.661	7.4	20.5
10 18	23 49.66	− 8 20.3	1.764	2.667	11.1	20.8
10 28	23 44.67	− 8 25.2	1.850	2.673	14.4	21.0

192929 2000 AT_{44} 9 25.0 272.°81 1.°9/20.9 18 R

8 19	0 22.75	− 8 17.8	4.489	5.333	6.5	19.9
8 29	0 19.59	− 8 52.4	4.407	5.327	4.9	19.8
9 8	0 15.64	− 9 28.6	4.352	5.321	3.3	19.6
9 18	0 11.14	−10 3.9	4.325	5.315	2.0	19.5
9 28	0 6.40	−10 35.9	4.328	5.309	2.4	19.6
10 8	0 1.77	−11 2.4	4.361	5.303	4.0	19.7
10 18	23 57.58	−11 21.6	4.422	5.297	5.6	19.8
10 28	23 54.13	−11 32.2	4.508	5.291	7.2	19.9

335918 2007 SG_{15} 9 25.0 172.°85 4.°8/29.9 16

8 19	0 30.54	+21 14.4	1.206	2.000	23.3	20.4
8 29	0 27.85	+19 55.4	1.128	2.002	19.4	20.1
9 8	0 22.15	+17 49.5	1.067	2.003	14.6	19.9
9 18	0 14.14	+14 57.5	1.026	2.004	9.2	19.6
9 28	0 5.12	+11 29.7	1.011	2.005	5.0	19.4
10 8	23 56.65	+ 7 46.1	1.022	2.005	7.2	19.5
10 18	23 50.10	+ 4 9.9	1.061	2.005	12.5	19.8
10 28	23 46.46	+ 1 1.1	1.123	2.004	17.6	20.1

234772 2002 PP_{98} 9 25.0 43.°94 0.°7/24.5 18

8 19	0 38.46	− 1 13.7	1.477	2.327	17.1	18.8
8 29	0 32.94	− 1 1.1	1.424	2.345	13.0	18.6
9 8	0 24.88	− 0 57.3	1.391	2.363	8.4	18.4
9 18	0 15.10	− 0 58.9	1.383	2.382	3.4	18.1
9 28	0 4.77	− 1 1.4	1.402	2.402	1.9	18.1
10 8	23 55.16	− 1 0.3	1.447	2.422	6.7	18.4
10 18	23 47.34	− 0 51.8	1.517	2.442	11.1	18.7
10 28	23 42.03	− 0 33.4	1.611	2.463	14.7	19.0

99145 2001 FL_{113} 9 25.0 143.°55 3.°8/20.6 18

8 19	0 31.34	−10 13.2	2.443	3.294	11.1	19.5
8 29	0 26.73	−10 55.8	2.375	3.297	8.4	19.4
9 8	0 20.54	−11 39.9	2.332	3.300	5.8	19.2
9 18	0 13.25	−12 20.6	2.316	3.303	3.9	19.1
9 28	0 5.53	−12 53.1	2.328	3.306	4.6	19.1
10 8	23 58.13	−13 13.4	2.369	3.308	7.0	19.3
10 18	23 51.71	−13 19.1	2.436	3.311	9.6	19.5
10 28	23 46.82	−13 9.5	2.527	3.313	12.0	19.6

449736 2014 NF_{38} 9 25.0 4.°83 4.°8/30.5 18

8 19	0 28.20	+17 27.5	2.052	2.825	15.6	20.2
8 29	0 24.84	+17 31.7	1.967	2.825	13.0	20.0
9 8	0 19.58	+17 15.1	1.902	2.825	10.0	19.8
9 18	0 12.93	+16 37.6	1.860	2.826	7.0	19.6
9 28	0 5.65	+15 41.6	1.844	2.827	4.9	19.5
10 8	23 58.63	+14 32.4	1.855	2.828	5.7	19.6
10 18	23 52.71	+13 16.9	1.893	2.830	8.4	19.7
10 28	23 48.56	+12 2.8	1.956	2.831	11.5	19.9

395449 2011 SL_{259} 9 25.0 36.°79 1.°2/24.0 16

8 19	0 33.39	− 0 50.6	1.748	2.596	14.9	21.1
8 29	0 28.91	− 1 8.0	1.678	2.599	11.4	20.9
9 8	0 22.26	− 1 35.0	1.631	2.603	7.3	20.7
9 18	0 14.05	− 2 7.3	1.608	2.607	3.0	20.4
9 28	0 5.20	− 2 39.7	1.612	2.611	2.2	20.4
10 8	23 56.77	− 3 6.3	1.644	2.615	6.4	20.7
10 18	23 49.71	− 3 22.7	1.701	2.620	10.5	20.9
10 28	23 44.74	− 3 25.8	1.782	2.625	14.0	21.1

446890 2002 JU_{86} 9 25.0 118.°54 5.°3/19.0 18

8 19	0 34.26	−16 26.3	2.525	3.372	10.9	21.4
8 29	0 28.82	−17 10.4	2.470	3.384	8.5	21.3
9 8	0 21.81	−17 51.3	2.441	3.396	6.4	21.2
9 18	0 13.75	−18 24.0	2.438	3.407	5.3	21.1
9 28	0 5.35	−18 43.8	2.464	3.418	6.0	21.2
10 8	23 57.36	−18 47.9	2.517	3.429	8.0	21.3
10 18	23 50.44	−18 35.1	2.597	3.440	10.2	21.5
10 28	23 45.11	−18 6.1	2.699	3.450	12.2	21.7

383989 2008 TX_{160} 9 25.0 93.°90 4.°4/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.82	− 8 51.0	1.738	2.596	14.5	20.8
8 29	0 30.64	− 9 38.1	1.683	2.610	11.0	20.6
9 8	0 23.28	−10 28.2	1.652	2.623	7.4	20.4
9 18	0 14.43	−11 14.5	1.645	2.636	4.6	20.3
9 28	0 5.07	−11 50.1	1.666	2.649	5.3	20.4
10 8	23 56.30	−12 9.9	1.714	2.662	8.5	20.6
10 18	23 49.02	−12 11.3	1.787	2.674	11.9	20.8
10 28	23 43.91	−11 54.0	1.882	2.687	14.9	21.0

298021 2002 PW_{53} 9 25.0 94.°17 4.°5/29.0 18

8 19	0 35.89	+13 26.8	1.906	2.690	16.2	20.7
8 29	0 30.82	+14 1.5	1.828	2.697	13.3	20.5
9 8	0 23.53	+14 19.0	1.770	2.703	10.0	20.3
9 18	0 14.61	+14 18.3	1.736	2.709	6.6	20.2
9 28	0 4.96	+14 1.0	1.729	2.716	4.6	20.1
10 8	23 55.65	+13 31.1	1.749	2.722	6.0	20.2
10 18	23 47.65	+12 54.4	1.796	2.728	9.1	20.4
10 28	23 41.75	+12 17.6	1.868	2.734	12.4	20.6

394629 2007 XB_{14} 9 25.0 345.°57 2.°5/27.2 16

8 19	0 29.94	+ 8 40.5	1.599	2.428	16.9	21.1
8 29	0 26.65	+ 8 43.5	1.519	2.422	13.5	20.9
9 8	0 21.02	+ 8 28.1	1.459	2.417	9.5	20.7
9 18	0 13.61	+ 7 55.8	1.422	2.413	5.2	20.4
9 28	0 5.38	+ 7 10.6	1.411	2.409	2.5	20.2
10 8	23 57.45	+ 6 19.1	1.425	2.406	5.9	20.4
10 18	23 50.90	+ 5 28.8	1.465	2.403	10.2	20.7
10 28	23 46.56	+ 4 46.7	1.528	2.402	14.2	20.9

311594 2006 KN_{23} 9 25.0 102.°38 5.°5/30.0 18

8 19	0 37.10	+17 5.5	1.554	2.335	19.5	21.0
8 29	0 32.04	+17 14.7	1.491	2.355	16.0	20.8
9 8	0 24.41	+16 58.1	1.447	2.375	12.1	20.6
9 18	0 14.97	+16 15.4	1.425	2.394	8.2	20.4
9 28	0 4.86	+15 10.3	1.428	2.413	5.6	20.3
10 8	23 55.36	+13 50.5	1.457	2.432	6.8	20.5
10 18	23 47.58	+12 25.9	1.513	2.449	10.2	20.7
10 28	23 42.30	+11 6.3	1.593	2.466	13.7	21.0

402787 2007 DA_{18} 9 25.0 145.°41 0.°2/24.8 18

8 19	0 30.13	+ 2 28.1	2.707	3.528	11.0	22.7
8 29	0 25.66	+ 1 58.7	2.631	3.536	8.4	22.5
9 8	0 19.79	+ 1 20.6	2.578	3.544	5.5	22.3
9 18	0 12.94	+ 0 36.5	2.554	3.551	2.3	22.1
9 28	0 5.71	− 0 9.5	2.558	3.559	1.1	22.1
10 8	23 58.73	− 0 53.4	2.593	3.565	4.3	22.3
10 18	23 52.59	− 1 31.3	2.656	3.572	7.3	22.5
10 28	23 47.81	− 2 0.0	2.745	3.578	9.9	22.7

76348 2000 EC_{159} 9 25.0 74.°22 7.°9/16.9 18

8 19	0 32.97	−18 32.4	1.810	2.676	13.7	18.6
8 29	0 28.50	−19 56.8	1.765	2.685	11.0	18.5
9 8	0 21.91	−21 16.1	1.742	2.694	8.7	18.4
9 18	0 13.87	−22 21.7	1.745	2.703	7.9	18.3
9 28	0 5.34	−23 5.9	1.773	2.712	9.1	18.4
10 8	23 57.35	−23 24.3	1.825	2.722	11.4	18.6
10 18	23 50.78	−23 16.1	1.901	2.731	13.9	18.8
10 28	23 46.30	−22 43.1	1.996	2.740	16.2	19.0

284179 2006 AO_{48} 9 25.0 118.°52 5.°0/30.4 17

8 19	0 36.13	+17 31.8	2.156	2.909	15.5	21.2
8 29	0 30.68	+17 52.3	2.082	2.927	12.9	21.1
9 8	0 23.27	+17 53.7	2.029	2.944	9.9	20.9
9 18	0 14.46	+17 35.4	2.000	2.960	7.0	20.8
9 28	0 5.09	+16 59.2	1.998	2.976	5.1	20.7
10 8	23 56.10	+16 9.7	2.024	2.992	5.8	20.8
10 18	23 48.35	+15 12.8	2.079	3.007	8.3	21.0
10 28	23 42.51	+14 15.4	2.159	3.021	11.1	21.2

491358 2012 BU 9 25.0 278.°22 0.°7/23.6 15

8 19	0 23.25	− 1 33.7	4.455	5.283	6.9	22.3
8 29	0 20.02	− 1 57.8	4.357	5.269	5.2	22.1
9 8	0 15.96	− 2 26.0	4.285	5.255	3.3	22.0
9 18	0 11.32	− 2 56.2	4.242	5.240	1.4	21.8
9 28	0 6.42	− 3 26.3	4.229	5.226	1.2	21.8
10 8	0 1.60	− 3 54.1	4.246	5.211	3.1	21.9
10 18	23 57.21	− 4 17.4	4.292	5.197	5.1	22.1
10 28	23 53.55	− 4 34.6	4.365	5.182	6.8	22.2

438650 2008 CR_{166} 9 25.0 329.°59 6.°0/30.4 16

8 19	0 27.29	+16 48.9	1.535	2.336	18.8	20.5
8 29	0 24.94	+17 11.1	1.444	2.320	15.8	20.3
9 8	0 20.12	+17 8.4	1.371	2.304	12.3	20.0
9 18	0 13.34	+16 38.9	1.319	2.289	8.6	19.8
9 28	0 5.52	+15 43.9	1.289	2.274	6.2	19.6
10 8	23 57.87	+14 29.5	1.285	2.261	7.2	19.6
10 18	23 51.57	+13 5.0	1.305	2.248	10.7	19.8
10 28	23 47.62	+11 41.3	1.347	2.237	14.7	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
218458	2004 RK_{251}		9 25.0	42.°49	1.°4/26.5	18
	h m	° ′			°	m
8 19	0 28.51	+ 8 25.2	1.739	2.566	15.9	19.7
8 29	0 25.08	+ 7 49.1	1.683	2.587	12.4	19.5
9 8	0 19.69	+ 6 55.0	1.647	2.608	8.4	19.3
9 18	0 12.95	+ 5 46.8	1.636	2.630	4.1	19.1
9 28	0 5.76	+ 4 30.8	1.651	2.652	1.5	19.0
10 8	23 59.05	+ 3 14.7	1.694	2.674	5.2	19.3
10 18	23 53.65	+ 2 6.0	1.764	2.697	9.2	19.6
10 28	23 50.17	+ 1 10.2	1.857	2.720	12.6	19.9
403746	2011 AR_{29}		9 25.0	347.°55	3.°8/28.2	17
8 19	0 31.29	+10 24.2	1.761	2.574	16.3	20.6
8 29	0 27.55	+10 58.1	1.677	2.567	13.2	20.3
9 8	0 21.57	+11 16.2	1.612	2.560	9.6	20.1
9 18	0 13.87	+11 18.0	1.571	2.554	6.0	19.9
9 28	0 5.33	+11 5.2	1.555	2.549	3.8	19.7
10 8	23 57.03	+10 42.0	1.566	2.544	5.9	19.9
10 18	23 49.99	+10 14.2	1.603	2.541	9.6	20.1
10 28	23 45.05	+ 9 47.8	1.663	2.538	13.2	20.3
90845	1996 BO_6		9 25.0	166.°39	0.°9/24.1	18
8 19	0 30.52	+ 0 11.1	2.215	3.052	12.6	20.3
8 29	0 26.34	− 0 16.3	2.137	3.052	9.6	20.1
9 8	0 20.43	− 0 52.6	2.082	3.052	6.2	19.9
9 18	0 13.28	− 1 34.4	2.053	3.052	2.5	19.7
9 28	0 5.61	− 2 17.0	2.053	3.052	1.8	19.6
10 8	23 58.22	− 2 55.2	2.082	3.053	5.4	19.9
10 18	23 51.86	− 3 25.0	2.137	3.053	8.8	20.1
10 28	23 47.12	− 3 43.0	2.218	3.053	11.9	20.3
84588	2002 VQ_{28}		9 25.0	26.°87	5.°0/21.9	17
8 19	0 35.24	− 8 5.1	1.167	2.049	18.5	18.7
8 29	0 31.16	− 8 38.4	1.118	2.056	14.1	18.5
9 8	0 24.09	− 9 16.3	1.088	2.065	9.4	18.3
9 18	0 14.90	− 9 50.6	1.080	2.074	5.4	18.1
9 28	0 4.98	−10 12.4	1.096	2.085	6.0	18.2
10 8	23 55.86	−10 15.4	1.135	2.096	10.2	18.4
10 18	23 48.80	− 9 57.0	1.197	2.108	14.6	18.7
10 28	23 44.64	− 9 17.5	1.278	2.120	18.4	19.0
389302	2009 RV_{25}		9 25.1	34.°97	0.°5/26.1	17
8 19	0 22.44	+ 6 13.7	3.865	4.671	8.3	20.8
8 29	0 19.50	+ 5 41.1	3.783	4.678	6.4	20.6
9 8	0 15.66	+ 5 0.6	3.726	4.684	4.3	20.5
9 18	0 11.21	+ 4 14.1	3.696	4.690	2.0	20.3
9 28	0 6.51	+ 3 24.4	3.696	4.697	0.7	20.2
10 8	0 1.96	+ 2 34.3	3.726	4.704	2.9	20.4
10 18	23 57.92	+ 1 46.9	3.786	4.710	5.1	20.6
10 28	23 54.72	+ 1 4.9	3.873	4.717	7.0	20.7
429495	2011 AA_{56}		9 25.1	172.°81	2.°4/27.0	16
8 19	0 36.08	+ 8 17.9	1.682	2.498	16.8	21.6
8 29	0 31.23	+ 8 24.5	1.604	2.500	13.4	21.4
9 8	0 23.96	+ 8 14.3	1.546	2.501	9.3	21.2
9 18	0 14.87	+ 7 48.4	1.512	2.502	5.0	20.9
9 28	0 4.97	+ 7 10.4	1.504	2.503	2.5	20.7
10 8	23 55.43	+ 6 26.6	1.524	2.503	5.8	21.0
10 18	23 47.34	+ 5 43.5	1.570	2.503	10.1	21.2
10 28	23 41.54	+ 5 7.8	1.640	2.503	14.0	21.5
504009	2005 FV_4		9 25.1	123.°04	7.°7/19.9	17
8 19	0 48.97	−19 47.0	1.757	2.595	15.3	21.3
8 29	0 40.58	−20 22.1	1.708	2.612	12.2	21.2
9 8	0 29.66	−20 49.1	1.681	2.628	9.4	21.0
9 18	0 17.10	−21 0.2	1.681	2.644	7.8	21.0
9 28	0 4.14	−20 49.5	1.709	2.659	8.5	21.1
10 8	23 52.10	−20 15.0	1.763	2.674	10.9	21.2
10 18	23 42.03	−19 18.2	1.844	2.688	13.7	21.5
10 28	23 34.62	−18 3.0	1.946	2.701	16.2	21.7
448548	2010 RJ_{61}		9 25.1	27.°19	1.°3/26.5	18
8 19	0 27.19	+ 8 52.6	1.889	2.712	15.0	20.9
8 29	0 24.09	+ 8 9.3	1.814	2.716	11.8	20.7
9 8	0 19.11	+ 7 7.5	1.761	2.720	8.0	20.5
9 18	0 12.78	+ 5 50.6	1.732	2.725	4.0	20.2
9 28	0 5.88	+ 4 24.6	1.730	2.730	1.5	20.1
10 8	23 59.31	+ 2 57.4	1.756	2.736	5.1	20.3
10 18	23 53.88	+ 1 36.7	1.809	2.741	9.0	20.6
10 28	23 50.25	+ 0 28.8	1.887	2.747	12.5	20.8
126704	2002 CV_{239}		9 25.1	111.°67	0.°2/25.3	17
8 19	0 31.70	+ 5 26.2	1.913	2.740	14.7	20.3
8 29	0 27.41	+ 4 37.9	1.847	2.754	11.3	20.1
9 8	0 21.18	+ 3 34.4	1.802	2.767	7.4	19.9
9 18	0 13.62	+ 2 20.0	1.783	2.781	3.2	19.7
9 28	0 5.54	+ 1 1.1	1.793	2.794	1.2	19.6
10 8	23 57.89	− 0 14.9	1.831	2.806	5.4	19.9
10 18	23 51.48	− 1 21.3	1.896	2.819	9.3	20.2
10 28	23 46.94	− 2 13.2	1.986	2.831	12.7	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
270895	2002 TE_{252}		9 25.1	290.°71	2.°7/22.8	18
	h m	° ′			°	m
8 19	0 32.06	− 2 3.8	1.486	2.349	16.3	20.8
8 29	0 28.65	− 2 52.0	1.396	2.326	12.6	20.5
9 8	0 22.61	− 3 54.1	1.327	2.303	8.2	20.2
9 18	0 14.44	− 5 4.2	1.281	2.280	3.8	19.9
9 28	0 5.14	− 6 13.4	1.261	2.256	3.9	19.8
10 8	23 55.99	− 7 12.3	1.267	2.233	8.7	20.0
10 18	23 48.26	− 7 53.3	1.296	2.210	13.5	20.3
10 28	23 42.98	− 8 11.7	1.346	2.187	17.8	20.5
177635	2004 LQ_3		9 25.1	41.°75	6.°2/18.5	18
8 19	0 28.81	−11 13.6	1.630	2.507	14.4	18.9
8 29	0 25.43	−12 53.1	1.591	2.525	11.0	18.7
9 8	0 19.97	−14 33.8	1.574	2.544	7.8	18.6
9 18	0 13.10	−16 6.0	1.583	2.563	6.2	18.5
9 28	0 5.78	−17 20.7	1.617	2.583	7.5	18.6
10 8	23 59.03	−18 11.5	1.677	2.603	10.3	18.9
10 18	23 53.69	−18 35.8	1.760	2.624	13.3	19.1
10 28	23 50.38	−18 34.2	1.863	2.645	15.9	19.3
399153	2014 FL_4		9 25.1	322.°15	2.°3/20.5	18
8 19	0 23.95	− 9 56.3	4.140	4.986	7.0	20.5
8 29	0 20.59	−10 28.3	4.062	4.983	5.3	20.4
9 8	0 16.35	−11 1.2	4.011	4.979	3.6	20.2
9 18	0 11.51	−11 32.4	3.988	4.975	2.4	20.2
9 28	0 6.43	−11 59.2	3.995	4.972	2.9	20.2
10 8	0 1.47	−12 19.5	4.030	4.968	4.4	20.3
10 18	23 57.01	−12 31.4	4.094	4.965	6.2	20.4
10 28	23 53.36	−12 33.9	4.183	4.961	7.8	20.5
494526	2017 AO_2		9 25.1	210.°51	2.°7/28.8	18
8 19	0 28.14	+13 21.4	2.728	3.504	12.1	21.3
8 29	0 24.31	+13 5.0	2.633	3.500	9.8	21.2
9 8	0 19.04	+12 33.7	2.561	3.497	7.2	21.0
9 18	0 12.71	+11 48.8	2.514	3.493	4.4	20.8
9 28	0 5.92	+10 52.8	2.496	3.488	2.7	20.7
10 8	23 59.30	+ 9 50.1	2.507	3.484	4.1	20.8
10 18	23 53.47	+ 8 45.7	2.547	3.479	6.8	20.9
10 28	23 48.98	+ 7 44.8	2.614	3.475	9.4	21.1
241488	2009 BB_{119}		9 25.1	9.°29	0.°8/24.4	18
8 19	0 30.00	+ 1 46.0	1.561	2.414	16.1	20.6
8 29	0 26.63	+ 1 12.4	1.492	2.415	12.4	20.3
9 8	0 20.96	+ 0 24.6	1.443	2.417	8.0	20.1
9 18	0 13.61	− 0 32.8	1.419	2.418	3.3	19.8
9 28	0 5.55	− 1 32.5	1.421	2.421	2.0	19.7
10 8	23 57.91	− 2 26.8	1.448	2.423	6.7	20.0
10 18	23 51.68	− 3 9.1	1.501	2.426	11.1	20.3
10 28	23 47.65	− 3 34.9	1.577	2.430	14.9	20.5
69498	1997 CM_1		9 25.1	159.°33	0.°6/24.5	18
8 19	0 34.33	+ 1 7.6	2.185	3.013	13.0	19.8
8 29	0 29.24	+ 0 43.6	2.109	3.018	10.0	19.6
9 8	0 22.32	+ 0 10.2	2.056	3.024	6.5	19.4
9 18	0 14.11	− 0 29.5	2.030	3.028	2.6	19.1
9 28	0 5.36	− 1 10.8	2.033	3.033	1.5	19.0
10 8	23 56.95	− 1 48.6	2.065	3.036	5.3	19.3
10 18	23 49.65	− 2 18.6	2.124	3.040	8.9	19.6
10 28	23 44.09	− 2 37.4	2.209	3.042	12.0	19.8
285286	1998 SP_{76}		9 25.1	10.°31	9.°6/ 4.8	18
8 19	0 28.06	+25 34.8	1.504	2.256	21.2	19.6
8 29	0 25.59	+26 19.0	1.431	2.258	18.5	19.4
9 8	0 20.55	+26 32.1	1.372	2.261	15.5	19.2
9 18	0 13.52	+26 10.3	1.333	2.264	12.4	19.0
9 28	0 5.58	+25 13.4	1.314	2.269	10.1	18.9
10 8	23 58.01	+23 46.9	1.319	2.274	9.7	18.9
10 18	23 52.00	+22 1.0	1.347	2.281	11.4	19.0
10 28	23 48.46	+20 8.5	1.399	2.288	14.3	19.2
161059	2002 JE_{83}		9 25.1	172.°96	1.°2/26.4	18
8 19	0 32.65	+ 7 11.2	2.070	2.883	14.2	20.9
8 29	0 28.14	+ 6 49.7	1.988	2.885	11.1	20.7
9 8	0 21.71	+ 6 13.5	1.929	2.887	7.6	20.5
9 18	0 13.89	+ 5 24.9	1.895	2.888	3.7	20.2
9 28	0 5.46	+ 4 28.4	1.889	2.889	1.4	20.1
10 8	23 57.33	+ 3 30.0	1.912	2.890	5.0	20.3
10 18	23 50.33	+ 2 35.6	1.962	2.890	8.7	20.6
10 28	23 45.14	+ 1 50.6	2.038	2.890	12.1	20.8
431716	2008 EK_{147}		9 25.1	168.°96	0.°2/24.9	17
8 19	0 35.70	+ 2 47.7	1.854	2.684	14.9	22.3
8 29	0 30.64	+ 2 19.7	1.778	2.688	11.5	22.1
9 8	0 23.42	+ 1 38.8	1.724	2.691	7.5	21.9
9 18	0 14.62	+ 0 48.7	1.696	2.694	3.1	21.6
9 28	0 5.16	− 0 5.0	1.695	2.696	1.5	21.5
10 8	23 56.08	− 0 55.7	1.724	2.698	5.9	21.8
10 18	23 48.32	− 1 37.7	1.779	2.698	10.0	22.1
10 28	23 42.63	− 2 6.5	1.858	2.699	13.6	22.3

381110 2007 DE_{12} 9 25.1 162.°23 0.°7/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.88	+ 5 53.7	1.944	2.764	14.7	21.9
8 29	0 29.16	+ 5 26.0	1.867	2.769	11.5	21.7
9 8	0 22.41	+ 4 43.5	1.812	2.774	7.7	21.5
9 18	0 14.19	+ 3 49.1	1.782	2.777	3.5	21.2
9 28	0 5.35	+ 2 48.1	1.780	2.781	1.2	21.0
10 8	23 56.86	+ 1 47.1	1.807	2.784	5.3	21.3
10 18	23 49.60	+ 0 52.3	1.861	2.786	9.3	21.6
10 28	23 44.28	+ 0 8.9	1.940	2.788	12.8	21.8

472380 2015 BC_{89} 9 25.1 163.°13 2.°3/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.46	− 1 44.9	1.754	2.602	14.9	22.0
8 29	0 29.77	− 2 39.0	1.685	2.606	11.3	21.8
9 8	0 22.88	− 3 43.9	1.637	2.610	7.2	21.6
9 18	0 14.40	− 4 53.6	1.616	2.614	3.3	21.4
9 28	0 5.27	− 6 0.5	1.622	2.617	3.3	21.4
10 8	23 56.56	− 6 57.2	1.656	2.619	7.3	21.6
10 18	23 49.23	− 7 38.1	1.715	2.621	11.2	21.9
10 28	23 44.01	− 8 0.2	1.798	2.622	14.7	22.1

478574 2012 TS_{78} 9 25.1 123.°71 5.°3/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	1 18.52	−11 49.9	1.165	1.975	23.1	21.4
8 29	1 4.19	−11 38.7	1.112	2.008	18.0	21.2
9 8	0 45.41	−11 23.0	1.080	2.038	12.1	20.9
9 18	0 23.72	−10 55.0	1.076	2.066	6.6	20.7
9 28	0 1.58	−10 9.3	1.103	2.091	6.1	20.8
10 8	23 41.60	− 9 5.7	1.161	2.115	10.9	21.1
10 18	23 25.58	− 7 48.4	1.247	2.136	15.9	21.5
10 28	23 14.32	− 6 21.6	1.357	2.154	20.0	21.8

264399 2000 EP_{133} 9 25.1 115.°41 0.°2/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.18	+ 3 18.6	1.786	2.614	15.5	21.5
8 29	0 31.71	+ 3 3.7	1.722	2.629	12.0	21.3
9 8	0 24.05	+ 2 36.1	1.679	2.644	7.9	21.1
9 18	0 14.86	+ 1 59.3	1.662	2.659	3.4	20.9
9 28	0 5.11	+ 1 18.3	1.673	2.674	1.3	20.7
10 8	23 55.87	+ 0 39.1	1.712	2.687	5.7	21.1
10 18	23 48.09	+ 0 7.0	1.777	2.701	9.8	21.3
10 28	23 42.46	− 0 13.8	1.867	2.713	13.3	21.6

266869 2009 UZ_{151} 9 25.1 306.°72 4.°6/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.23	+26 13.5	4.255	4.925	9.5	20.0
8 29	0 20.95	+26 26.5	4.147	4.916	8.3	19.9
9 8	0 16.68	+26 26.7	4.059	4.907	7.0	19.8
9 18	0 11.71	+26 13.8	3.994	4.897	5.7	19.7
9 28	0 6.40	+25 47.9	3.955	4.888	4.8	19.6
10 8	0 1.17	+25 10.9	3.945	4.879	4.6	19.6
10 18	23 56.43	+24 25.1	3.962	4.870	5.4	19.7
10 28	23 52.56	+23 34.0	4.006	4.861	6.6	19.7

113779 2002 TT_{187} 9 25.1 64.°60 1.°7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.66	+ 5 41.3	1.712	2.533	16.3	19.1
8 29	0 32.10	+ 5 56.9	1.654	2.555	12.7	18.9
9 8	0 24.30	+ 5 58.7	1.618	2.577	8.6	18.7
9 18	0 14.95	+ 5 48.5	1.606	2.599	4.3	18.5
9 28	0 5.09	+ 5 30.0	1.622	2.622	1.8	18.4
10 8	23 55.82	+ 5 8.1	1.665	2.644	5.5	18.7
10 18	23 48.10	+ 4 48.1	1.735	2.666	9.5	19.0
10 28	23 42.61	+ 4 34.5	1.830	2.688	12.9	19.2

455640 2004 XO_{70} 9 25.1 322.°87 5.°5/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.99	− 8 31.1	1.781	2.657	13.4	20.3
8 29	0 22.73	−10 16.5	1.698	2.635	10.2	20.0
9 8	0 18.46	−12 11.0	1.639	2.613	7.2	19.8
9 18	0 12.62	−14 5.8	1.606	2.591	5.5	19.6
9 28	0 6.01	−15 50.4	1.599	2.570	7.0	19.7
10 8	23 59.58	−17 15.4	1.618	2.550	10.2	19.8
10 18	23 54.26	−18 14.6	1.661	2.530	13.6	20.0
10 28	23 50.83	−18 45.2	1.725	2.512	16.8	20.2

153269 2001 CR_{33} 9 25.1 116.°77 7.°1/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.93	−23 20.1	2.560	3.402	10.9	19.8
8 29	0 29.39	−24 16.4	2.516	3.414	9.0	19.7
9 8	0 22.24	−25 5.1	2.495	3.426	7.5	19.6
9 18	0 14.02	−25 40.7	2.501	3.438	7.1	19.6
9 28	0 5.49	−25 58.4	2.534	3.450	7.9	19.7
10 8	23 57.40	−25 56.0	2.593	3.461	9.5	19.8
10 18	23 50.44	−25 33.3	2.676	3.472	11.3	19.9
10 28	23 45.13	−24 51.9	2.780	3.483	13.0	20.1

339091 2004 RX_{118} 9 25.1 23.°53 1.°0/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.51	+ 5 29.7	1.183	2.045	19.6	20.6
8 29	0 26.79	+ 5 15.1	1.130	2.055	15.3	20.4
9 8	0 21.30	+ 4 40.0	1.094	2.066	10.2	20.1
9 18	0 13.81	+ 3 48.7	1.080	2.078	4.7	19.9
9 28	0 5.58	+ 2 48.8	1.090	2.091	1.6	19.7
10 8	23 57.99	+ 1 50.0	1.124	2.106	6.9	20.1
10 18	23 52.22	+ 1 1.0	1.181	2.121	12.0	20.4
10 28	23 49.11	+ 0 28.2	1.259	2.137	16.3	20.7

373991 2004 BB_{28} 9 25.1 141.°27 5.°8/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.16	−10 39.1	1.758	2.621	14.2	20.5
8 29	0 29.50	−12 11.1	1.703	2.631	10.8	20.3
9 8	0 22.66	−13 46.2	1.671	2.639	7.6	20.2
9 18	0 14.30	−15 15.4	1.666	2.648	5.8	20.1
9 28	0 5.37	−16 29.7	1.687	2.655	7.0	20.2
10 8	23 56.93	−17 22.1	1.735	2.662	9.9	20.4
10 18	23 49.91	−17 49.6	1.807	2.669	13.1	20.6
10 28	23 45.01	−17 51.9	1.900	2.675	15.8	20.8

255090 2005 UV_{42} 9 25.1 15.°14 1.°5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.16	− 0 27.1	1.632	2.491	15.3	20.2
8 29	0 25.85	− 1 0.4	1.568	2.495	11.6	20.0
9 8	0 20.38	− 1 44.9	1.525	2.500	7.5	19.7
9 18	0 13.38	− 2 35.6	1.506	2.506	3.1	19.5
9 28	0 5.76	− 3 25.8	1.514	2.512	2.5	19.5
10 8	23 58.57	− 4 8.6	1.547	2.519	6.8	19.8
10 18	23 52.73	− 4 38.6	1.606	2.527	10.8	20.0
10 28	23 48.95	− 4 52.3	1.687	2.535	14.4	20.3

302822 2003 CG_{20} 9 25.1 119.°12 3.°1/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.88	− 2 52.1	1.425	2.283	17.1	20.8
8 29	0 31.98	− 3 49.6	1.368	2.295	13.0	20.5
9 8	0 24.46	− 4 58.1	1.332	2.307	8.3	20.3
9 18	0 15.10	− 6 9.8	1.321	2.318	4.0	20.1
9 28	0 5.07	− 7 15.7	1.336	2.329	4.2	20.1
10 8	23 55.68	− 8 7.1	1.377	2.340	8.5	20.4
10 18	23 48.05	− 8 38.8	1.442	2.350	12.8	20.7
10 28	23 42.99	− 8 48.5	1.529	2.359	16.5	21.0

454967 2015 TS_{204} 9 25.1 331.°26 2.°3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.75	− 4 3.2	2.063	2.914	12.8	20.4
8 29	0 26.69	− 4 34.8	1.986	2.910	9.8	20.1
9 8	0 20.78	− 5 12.9	1.933	2.906	6.3	19.9
9 18	0 13.52	− 5 53.1	1.905	2.902	3.0	19.7
9 28	0 5.69	− 6 30.0	1.905	2.899	3.1	19.7
10 8	23 58.15	− 6 58.6	1.933	2.895	6.5	19.9
10 18	23 51.71	− 7 14.9	1.987	2.892	9.9	20.1
10 28	23 47.00	− 7 16.6	2.064	2.889	13.0	20.3

356439 2010 WH_{46} 9 25.1 313.°64 1.°4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.10	+10 5.8	4.289	5.070	7.9	21.0
8 29	0 19.96	+ 9 53.5	4.194	5.068	6.3	20.9
9 8	0 15.98	+ 9 33.0	4.123	5.065	4.5	20.8
9 18	0 11.41	+ 9 5.6	4.079	5.063	2.6	20.7
9 28	0 6.58	+ 8 32.9	4.065	5.060	1.4	20.6
10 8	0 1.85	+ 7 57.2	4.080	5.058	2.6	20.7
10 18	23 57.58	+ 7 21.0	4.126	5.056	4.5	20.8
10 28	23 54.08	+ 6 47.0	4.199	5.053	6.3	20.9

260107 2004 OE_{1} 9 25.1 38.°96 4.°3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.02	− 7 1.0	1.859	2.726	13.3	20.3
8 29	0 24.71	− 8 25.8	1.801	2.733	10.1	20.1
9 8	0 19.51	− 9 56.7	1.766	2.740	6.7	19.9
9 18	0 12.98	−11 25.9	1.758	2.748	4.4	19.8
9 28	0 5.94	−12 45.2	1.776	2.756	5.4	19.9
10 8	23 59.29	−13 47.6	1.822	2.764	8.5	20.1
10 18	23 53.83	−14 28.8	1.892	2.773	11.7	20.3
10 28	23 50.19	−14 47.3	1.984	2.782	14.5	20.5

317472 2002 RX_{163} 9 25.1 61.°84 1.°0/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.75	+ 3 41.6	1.303	2.160	18.5	20.1
8 29	0 28.17	+ 2 36.7	1.253	2.178	14.1	19.9
9 8	0 22.01	+ 1 12.7	1.223	2.196	9.0	19.7
9 18	0 14.06	− 0 22.8	1.216	2.215	3.6	19.4
9 28	0 5.52	− 1 59.4	1.234	2.234	2.3	19.4
10 8	23 57.66	− 3 25.9	1.278	2.253	7.5	19.7
10 18	23 51.56	− 4 34.2	1.347	2.272	12.2	20.1
10 28	23 47.95	− 5 19.2	1.437	2.291	16.1	20.4

66227 1999 CR_{109} 9 25.1 292.°26 2.°5/28.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.80	+12 23.5	3.097	3.874	10.7	19.2
8 29	0 23.22	+12 20.3	2.987	3.855	8.7	19.0
9 8	0 18.33	+12 5.0	2.900	3.836	6.4	18.8
9 18	0 12.48	+11 38.3	2.839	3.817	4.0	18.6
9 28	0 6.14	+11 2.1	2.806	3.798	2.5	18.5
10 8	23 59.88	+10 19.4	2.803	3.779	3.7	18.6
10 18	23 54.26	+ 9 34.0	2.828	3.760	6.2	18.7
10 28	23 49.78	+ 8 50.1	2.880	3.741	8.7	18.9

352123 2007 EZ_{198} 9 25.1 130.°56 8.°8/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.57	−32 54.6	2.870	3.688	10.5	20.9
8 29	0 28.38	−34 21.1	2.843	3.702	9.4	20.8
9 8	0 21.61	−35 35.3	2.841	3.715	8.8	20.8
9 18	0 13.80	−36 31.4	2.863	3.728	9.0	20.8
9 28	0 5.64	−37 5.1	2.910	3.741	9.7	20.9
10 8	23 57.89	−37 14.6	2.980	3.753	10.9	21.0
10 18	23 51.20	−37 0.4	3.071	3.764	12.1	21.1
10 28	23 46.11	−36 24.8	3.180	3.776	13.2	21.3

481088 2005 SW_{168} 9 25.1 287.°88 2.°0/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.62	+ 7 37.9	2.101	2.911	14.1	21.3
8 29	0 28.18	+ 7 45.2	2.014	2.907	11.2	21.1
9 8	0 21.81	+ 7 39.4	1.949	2.903	7.8	20.9
9 18	0 14.00	+ 7 21.5	1.908	2.899	4.2	20.7
9 28	0 5.52	+ 6 54.4	1.896	2.894	2.0	20.5
10 8	23 57.28	+ 6 22.6	1.912	2.890	4.9	20.7
10 18	23 50.11	+ 5 51.0	1.955	2.886	8.5	20.9
10 28	23 44.74	+ 5 24.5	2.023	2.882	11.9	21.1

324285 2006 CG_{61} 9 25.1 218.°93 1.°3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.12	− 0 18.0	2.761	3.593	10.5	21.1
8 29	0 24.26	− 1 12.0	2.672	3.586	8.0	21.0
9 8	0 19.01	− 2 14.4	2.608	3.579	5.1	20.8
9 18	0 12.75	− 3 21.6	2.572	3.571	2.2	20.6
9 28	0 6.05	− 4 28.7	2.566	3.563	2.0	20.5
10 8	23 59.51	− 5 30.8	2.590	3.554	5.0	20.7
10 18	23 53.74	− 6 23.7	2.642	3.545	7.9	20.9
10 28	23 49.24	− 7 4.0	2.719	3.536	10.5	21.1

188752 2005 UJ_{231} 9 25.1 254.°68 3.°1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.54	+13 58.4	2.265	3.049	14.0	20.9
8 29	0 24.96	+13 40.6	2.173	3.044	11.4	20.7
9 8	0 19.65	+13 4.5	2.102	3.039	8.4	20.5
9 18	0 13.08	+12 11.2	2.055	3.034	5.2	20.3
9 28	0 5.91	+11 4.1	2.036	3.029	3.2	20.2
10 8	23 58.95	+ 9 48.6	2.046	3.024	4.7	20.3
10 18	23 52.96	+ 8 31.4	2.083	3.019	7.8	20.4
10 28	23 48.56	+ 7 19.0	2.147	3.013	11.0	20.6

482301 2011 UT_{85} 9 25.1 306.°25 3.°1/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.34	− 4 26.8	1.851	2.710	13.8	21.2
8 29	0 26.62	− 5 19.6	1.776	2.704	10.5	21.0
9 8	0 20.86	− 6 20.7	1.724	2.698	6.8	20.7
9 18	0 13.61	− 7 24.0	1.697	2.693	3.5	20.5
9 28	0 5.70	− 8 22.6	1.697	2.687	4.0	20.6
10 8	23 58.10	− 9 9.6	1.724	2.682	7.5	20.8
10 18	23 51.70	− 9 40.2	1.777	2.677	11.2	21.0
10 28	23 47.22	− 9 51.9	1.852	2.672	14.5	21.2

511512 2014 ON_{363} 9 25.1 90.°53 2.°2/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.73	− 3 22.9	2.254	3.101	12.0	21.5
8 29	0 25.66	− 4 13.3	2.189	3.111	9.1	21.4
9 8	0 19.96	− 5 10.4	2.149	3.122	5.8	21.2
9 18	0 13.15	− 6 9.5	2.135	3.132	2.8	21.0
9 28	0 5.91	− 7 4.8	2.149	3.142	3.1	21.1
10 8	23 59.01	− 7 51.2	2.192	3.152	6.1	21.3
10 18	23 53.13	− 8 24.8	2.262	3.162	9.2	21.5
10 28	23 48.82	− 8 43.4	2.356	3.172	11.9	21.7

134281 2006 CM_8 9 25.1 254.°43 1.°2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.65	+ 0 25.8	2.380	3.218	11.8	20.3
8 29	0 24.11	− 0 27.8	2.297	3.214	8.9	20.1
9 8	0 19.01	− 1 31.4	2.239	3.210	5.7	19.9
9 18	0 12.78	− 2 40.9	2.207	3.206	2.4	19.7
9 28	0 6.05	− 3 50.7	2.204	3.202	2.1	19.7
10 8	23 59.54	− 4 55.1	2.230	3.197	5.4	19.9
10 18	23 53.92	− 5 49.1	2.284	3.193	8.7	20.1
10 28	23 49.76	− 6 29.1	2.362	3.188	11.5	20.3

272233 2005 QV_{104} 9 25.1 330.°33 0.°1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.71	+ 5 22.0	1.324	2.182	18.2	20.0
8 29	0 25.42	+ 4 39.5	1.248	2.172	14.2	19.8
9 8	0 20.52	+ 3 34.9	1.190	2.162	9.5	19.5
9 18	0 13.60	+ 2 12.5	1.155	2.153	4.1	19.1
9 28	0 5.69	+ 0 41.1	1.144	2.145	1.6	19.0
10 8	23 58.12	− 0 48.2	1.158	2.137	7.2	19.3
10 18	23 52.11	− 2 4.9	1.196	2.130	12.4	19.6
10 28	23 48.59	− 3 1.0	1.255	2.124	17.0	19.8

310666 2002 EW_{124} 9 25.1 314.°07 0.°8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.94	+ 5 38.1	4.039	4.838	8.1	20.0
8 29	0 22.16	+ 5 38.1	3.944	4.833	6.3	19.9
9 8	0 17.44	+ 5 31.8	3.873	4.827	4.3	19.7
9 18	0 12.05	+ 5 20.1	3.830	4.822	2.1	19.6
9 28	0 6.36	+ 5 4.8	3.817	4.816	0.9	19.5
10 8	0 0.78	+ 4 48.0	3.834	4.811	2.8	19.6
10 18	23 55.70	+ 4 31.8	3.881	4.806	4.9	19.8
10 28	23 51.47	+ 4 18.4	3.955	4.801	6.9	19.9

171222 2005 JK_{125} 9 25.1 251.°43 1.°7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.89	− 0 3.8	2.065	2.908	13.1	20.2
8 29	0 26.13	− 1 2.6	1.977	2.896	10.0	19.9
9 8	0 20.50	− 2 13.4	1.912	2.884	6.4	19.7
9 18	0 13.47	− 3 31.3	1.874	2.872	2.8	19.4
9 28	0 5.76	− 4 49.5	1.863	2.860	2.6	19.4
10 8	23 58.26	− 6 0.9	1.881	2.847	6.4	19.6
10 18	23 51.79	− 6 59.5	1.926	2.834	10.1	19.8
10 28	23 47.06	− 7 41.0	1.995	2.821	13.4	20.0

1679 Nevanlinna 9 25.1 75.°66 0.°6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.65	+ 4 7.1	2.193	3.023	12.9	15.6
8 29	0 24.12	+ 2 53.0	2.127	3.039	9.8	15.4
9 8	0 18.98	+ 1 25.5	2.085	3.054	6.3	15.2
9 18	0 12.74	− 0 10.2	2.070	3.069	2.5	15.0
9 28	0 6.10	− 1 47.3	2.084	3.084	1.6	14.9
10 8	23 59.80	− 3 18.6	2.128	3.099	5.3	15.2
10 18	23 54.51	− 4 38.0	2.200	3.114	8.7	15.5
10 28	23 50.77	− 5 41.2	2.296	3.129	11.6	15.7

349193 2007 RE_{178} 9 25.1 77.°30 2.°9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.23	− 5 3.1	1.786	2.641	14.4	21.2
8 29	0 29.56	− 5 36.0	1.720	2.644	10.9	21.0
9 8	0 22.74	− 6 15.2	1.675	2.648	7.1	20.8
9 18	0 14.39	− 6 55.4	1.656	2.652	3.5	20.6
9 28	0 5.43	− 7 30.3	1.664	2.656	3.8	20.6
10 8	23 56.90	− 7 54.4	1.699	2.660	7.4	20.8
10 18	23 49.73	− 8 3.8	1.760	2.664	11.1	21.0
10 28	23 44.64	− 7 57.0	1.844	2.668	14.4	21.3

379190 2009 SE_{14} 9 25.1 295.°60 1.°9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.74	+ 7 32.6	1.483	2.318	17.7	21.4
8 29	0 28.43	+ 7 25.5	1.393	2.302	14.1	21.1
9 8	0 22.50	+ 6 58.7	1.323	2.286	9.8	20.8
9 18	0 14.47	+ 6 13.8	1.276	2.270	5.0	20.5
9 28	0 5.34	+ 5 15.6	1.254	2.254	2.1	20.3
10 8	23 56.40	+ 4 11.9	1.257	2.238	6.5	20.5
10 18	23 48.89	+ 3 11.6	1.285	2.223	11.5	20.8
10 28	23 43.84	+ 2 23.0	1.336	2.207	16.0	21.0

104918 2000 JX_{17} 9 25.1 239.°23 1.°3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.32	+ 1 31.6	1.890	2.729	14.3	20.3
8 29	0 28.22	+ 0 34.5	1.800	2.716	11.0	20.0
9 8	0 22.00	− 0 37.0	1.731	2.702	7.1	19.8
9 18	0 14.15	− 1 58.3	1.688	2.687	2.9	19.5
9 28	0 5.50	− 3 22.2	1.674	2.672	2.4	19.4
10 8	23 57.05	− 4 40.4	1.688	2.657	6.6	19.7
10 18	23 49.75	− 5 45.8	1.728	2.640	10.8	19.9
10 28	23 44.40	− 6 33.4	1.792	2.624	14.4	20.1

185348 2006 VM_{57} 9 25.1 312.°01 0.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.82	+ 4 9.1	1.941	2.774	14.2	20.9
8 29	0 26.16	+ 3 42.2	1.858	2.769	11.0	20.6
9 8	0 20.55	+ 3 1.7	1.797	2.764	7.3	20.4
9 18	0 13.50	+ 2 10.7	1.762	2.759	3.2	20.2
9 28	0 5.79	+ 1 14.5	1.753	2.754	1.2	20.0
10 8	23 58.34	+ 0 19.3	1.773	2.750	5.4	20.3
10 18	23 52.01	− 0 28.8	1.819	2.745	9.4	20.5
10 28	23 47.51	− 1 5.0	1.889	2.741	12.9	20.7

52706 1998 FO_{77} 9 25.1 7.°63 3.°2/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.09	− 8 22.4	2.480	3.331	10.9	18.0
8 29	0 25.85	− 8 57.1	2.409	3.332	8.3	17.8
9 8	0 20.07	− 9 34.2	2.362	3.332	5.5	17.6
9 18	0 13.22	−10 9.6	2.341	3.333	3.4	17.5
9 28	0 5.93	−10 38.7	2.350	3.333	3.9	17.5
10 8	23 58.92	−10 57.6	2.386	3.334	6.4	17.7
10 18	23 52.83	−11 3.8	2.449	3.335	9.1	17.9
10 28	23 48.22	−10 56.0	2.536	3.336	11.6	18.0

451849 2013 MD_2 9 25.1 147.°42 1.°6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.09	+10 7.2	2.563	3.359	12.2	21.7
8 29	0 24.32	+ 9 33.0	2.479	3.364	9.7	21.5
9 8	0 19.08	+ 8 44.4	2.418	3.368	6.7	21.4
9 18	0 12.81	+ 7 43.6	2.383	3.372	3.6	21.2
9 28	0 6.09	+ 6 34.6	2.377	3.375	1.6	21.0
10 8	23 59.61	+ 5 22.5	2.400	3.379	4.0	21.2
10 18	23 53.99	+ 4 12.8	2.452	3.382	7.1	21.4
10 28	23 49.75	+ 3 10.6	2.531	3.385	9.9	21.6

364509 2007 EU_{92} 9 25.1 111.°77 1.°5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.28	− 0 49.7	2.600	3.434	11.0	22.0
8 29	0 25.08	− 1 47.1	2.536	3.452	8.3	21.9
9 8	0 19.48	− 2 52.1	2.498	3.468	5.3	21.7
9 18	0 12.94	− 4 0.2	2.487	3.485	2.3	21.5
9 28	0 6.06	− 5 6.6	2.505	3.501	2.2	21.6
10 8	23 59.48	− 6 6.1	2.554	3.516	5.1	21.8
10 18	23 53.78	− 6 54.9	2.630	3.532	8.0	22.0
10 28	23 49.46	− 7 30.2	2.732	3.546	10.5	22.2

415551 2014 QG_{191} 9 25.1 332.°35 3.°7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.92	+13 2.0	2.189	2.975	14.3	21.1
8 29	0 26.87	+13 20.1	2.100	2.971	11.7	20.9
9 8	0 20.96	+13 22.5	2.031	2.967	8.7	20.7
9 18	0 13.67	+13 9.1	1.987	2.963	5.7	20.5
9 28	0 5.72	+12 41.8	1.970	2.960	3.8	20.4
10 8	23 57.98	+12 4.5	1.981	2.956	5.1	20.5
10 18	23 51.25	+11 22.4	2.019	2.953	8.1	20.6
10 28	23 46.23	+10 41.4	2.082	2.950	11.2	20.8

365375 2009 UZ_3 9 25.1 305.°34 6.°3/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.58	+23 38.1	2.306	3.031	15.4	20.3
8 29	0 25.10	+23 47.4	2.213	3.027	13.2	20.1
9 8	0 19.81	+23 34.6	2.138	3.024	10.8	19.9
9 18	0 13.19	+22 58.5	2.085	3.021	8.4	19.8
9 28	0 5.93	+22 0.2	2.057	3.017	6.6	19.7
10 8	23 58.88	+20 43.8	2.056	3.014	6.5	19.7
10 18	23 52.83	+19 15.8	2.083	3.011	8.3	19.8
10 28	23 48.45	+17 44.1	2.135	3.008	10.7	19.9

96788 1999 RU_{105} 9 25.1 332.°63 9.°1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.28	+23 20.8	1.651	2.400	19.7	18.5
8 29	0 28.79	+24 21.4	1.565	2.394	17.2	18.3
9 8	0 22.71	+24 56.8	1.496	2.387	14.3	18.1
9 18	0 14.56	+25 2.7	1.447	2.382	11.4	17.9
9 28	0 5.34	+24 37.5	1.421	2.376	9.4	17.8
10 8	23 56.31	+23 44.6	1.418	2.371	9.4	17.8
10 18	23 48.71	+22 31.4	1.440	2.367	11.3	17.9
10 28	23 43.56	+21 8.6	1.484	2.363	14.2	18.0

136038 2002 WR 9 25.1 325.°06 3.°6/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 55.01	−11 40.8	1.460	2.297	17.9	18.6
8 29	0 46.90	−10 44.0	1.356	2.267	14.3	18.2
9 8	0 35.02	− 9 38.0	1.273	2.238	9.8	17.9
9 18	0 19.95	− 8 18.1	1.215	2.209	5.1	17.6
9 28	0 3.09	− 6 41.6	1.187	2.182	4.4	17.5
10 8	23 46.34	− 4 49.2	1.190	2.155	9.2	17.7
10 18	23 31.60	− 2 45.0	1.221	2.130	14.5	17.9
10 28	23 20.29	− 0 33.7	1.276	2.106	19.2	18.1

338029 2002 GF_{164} 9 25.1 130.°51 3.°8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.30	− 8 40.3	1.901	2.750	13.9	20.9
8 29	0 32.50	− 9 7.0	1.836	2.757	10.6	20.7
9 8	0 24.57	− 9 36.0	1.795	2.764	7.1	20.5
9 18	0 15.15	−10 2.1	1.779	2.771	4.1	20.3
9 28	0 5.18	−10 19.8	1.792	2.778	4.6	20.4
10 8	23 55.70	−10 24.5	1.832	2.784	7.7	20.6
10 18	23 47.63	−10 14.2	1.899	2.790	11.1	20.8
10 28	23 41.66	− 9 48.3	1.989	2.796	14.1	21.0

449742 2014 NG_{58} 9 25.1 241.°84 3.°0/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.92	− 7 9.9	2.415	3.263	11.3	21.1
8 29	0 26.58	− 7 49.5	2.336	3.258	8.6	20.9
9 8	0 20.61	− 8 33.0	2.282	3.253	5.7	20.7
9 18	0 13.49	− 9 15.9	2.255	3.248	3.3	20.5
9 28	0 5.86	− 9 53.2	2.257	3.243	3.8	20.6
10 8	23 58.48	−10 20.4	2.286	3.237	6.5	20.7
10 18	23 52.04	−10 34.7	2.343	3.232	9.4	20.9
10 28	23 47.12	−10 34.3	2.424	3.226	12.0	21.1

58065 6814 P–L 9 25.1 16.°47 0.°4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.97	+ 1 40.0	1.900	2.742	14.1	19.2
8 29	0 26.23	+ 1 18.9	1.828	2.745	10.8	19.0
9 8	0 20.55	+ 0 46.7	1.778	2.749	7.0	18.8
9 18	0 13.49	+ 0 6.9	1.754	2.753	2.9	18.5
9 28	0 5.86	− 0 35.2	1.757	2.757	1.5	18.4
10 8	23 58.57	− 1 14.1	1.787	2.762	5.6	18.7
10 18	23 52.46	− 1 44.7	1.843	2.767	9.5	19.0
10 28	23 48.19	− 2 3.1	1.923	2.772	12.8	19.2

516330 2017 BC_{19} 9 25.1 217.°27 0.°5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.02	+ 2 4.5	2.427	3.256	11.8	22.1
8 29	0 25.13	+ 1 27.6	2.343	3.253	9.1	21.9
9 8	0 19.68	+ 0 40.5	2.283	3.251	5.9	21.7
9 18	0 13.10	− 0 13.4	2.249	3.247	2.4	21.5
9 28	0 6.02	− 1 9.4	2.244	3.244	1.4	21.4
10 8	23 59.16	− 2 2.4	2.269	3.241	4.9	21.6
10 18	23 53.19	− 2 47.9	2.321	3.237	8.2	21.9
10 28	23 48.68	− 3 22.1	2.398	3.234	11.1	22.0

156683 2002 JH_{142} 9 25.1 338.°37 4.°0/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.96	− 9 33.7	1.988	2.846	13.0	19.4
8 29	0 28.47	−10 4.4	1.916	2.841	9.9	19.2
9 8	0 21.99	−10 37.2	1.866	2.837	6.7	19.0
9 18	0 14.10	−11 6.8	1.842	2.833	4.3	18.9
9 28	0 5.62	−11 27.7	1.846	2.829	4.9	18.9
10 8	23 57.48	−11 35.2	1.877	2.826	7.8	19.1
10 18	23 50.54	−11 27.1	1.933	2.822	11.0	19.3
10 28	23 45.48	−11 2.4	2.012	2.820	14.0	19.5

51223 2000 JQ_{24} 9 25.1 262.°03 0.°9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.44	− 0 36.4	1.669	2.511	15.8	19.1
8 29	0 32.45	− 0 42.1	1.582	2.500	12.2	18.8
9 8	0 24.94	− 0 57.5	1.517	2.488	8.0	18.5
9 18	0 15.47	− 1 19.3	1.477	2.476	3.3	18.2
9 28	0 5.04	− 1 42.4	1.464	2.464	2.0	18.1
10 8	23 54.88	− 2 1.1	1.478	2.451	6.8	18.4
10 18	23 46.13	− 2 10.5	1.518	2.439	11.4	18.6
10 28	23 39.73	− 2 7.1	1.581	2.426	15.3	18.9

489148 2006 DN_{172} 9 25.1 239.°75 1.°7/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.16	− 1 51.7	2.693	3.531	10.6	22.5
8 29	0 24.38	− 2 47.7	2.602	3.520	8.0	22.3
9 8	0 19.15	− 3 51.7	2.536	3.508	5.1	22.1
9 18	0 12.88	− 4 59.6	2.498	3.496	2.3	21.9
9 28	0 6.12	− 6 6.4	2.490	3.484	2.5	21.9
10 8	23 59.52	− 7 7.0	2.511	3.471	5.4	22.0
10 18	23 53.69	− 7 57.1	2.560	3.458	8.3	22.2
10 28	23 49.16	− 8 33.6	2.634	3.445	10.9	22.4

3564 Talthybius 9 25.1 126.°56 1.°5/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.10	− 6 40.0	4.483	5.320	6.7	16.8
8 29	0 21.41	− 6 59.2	4.406	5.322	5.0	16.7
9 8	0 16.90	− 7 20.1	4.355	5.324	3.3	16.5
9 18	0 11.85	− 7 40.7	4.332	5.327	1.7	16.4
9 28	0 6.57	− 7 58.7	4.340	5.329	1.9	16.5
10 8	0 1.43	− 8 12.4	4.378	5.331	3.6	16.6
10 18	23 56.75	− 8 20.1	4.445	5.333	5.3	16.7
10 28	23 52.84	− 8 20.7	4.538	5.335	6.9	16.8

49215 1998 SE_{124} 9 25.1 284.°42 0.°2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.24	+ 4 41.3	1.535	2.380	16.7	19.5
8 29	0 27.06	+ 3 53.4	1.453	2.371	13.0	19.2
9 8	0 21.47	+ 2 46.1	1.391	2.361	8.6	19.0
9 18	0 14.01	+ 1 23.8	1.353	2.352	3.6	18.7
9 28	0 5.66	− 0 5.6	1.342	2.343	1.6	18.5
10 8	23 57.60	− 1 32.2	1.357	2.333	6.8	18.8
10 18	23 50.93	− 2 46.8	1.397	2.324	11.6	19.1
10 28	23 46.55	− 3 42.4	1.459	2.315	15.8	19.3

171286 2006 FF_{51} 9 25.1 76.°13 3.°8/29.6 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.30	+16 56.8	1.842	2.619	17.0	19.8
8 29	0 27.92	+16 17.5	1.785	2.649	13.8	19.7
9 8	0 21.56	+15 14.1	1.747	2.678	10.2	19.5
9 18	0 13.88	+13 49.3	1.733	2.708	6.4	19.3
9 28	0 5.79	+12 8.7	1.746	2.737	3.9	19.3
10 8	23 58.26	+10 21.1	1.788	2.766	5.3	19.4
10 18	23 52.11	+ 8 35.5	1.857	2.794	8.5	19.7
10 28	23 47.93	+ 7 0.2	1.953	2.822	11.8	19.9

5060 Yoneta 9 25.1 297.°49 0.°2/25.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.89	+ 3 18.7	1.687	2.528	15.7	18.0
8 29	0 28.26	+ 3 3.7	1.592	2.508	12.3	17.7
9 8	0 22.26	+ 2 34.3	1.518	2.487	8.2	17.5
9 18	0 14.38	+ 1 53.2	1.468	2.466	3.6	17.1
9 28	0 5.51	+ 1 5.5	1.445	2.446	1.4	16.9
10 8	23 56.78	+ 0 18.3	1.448	2.426	6.3	17.2
10 18	23 49.29	− 0 21.9	1.477	2.405	11.0	17.4
10 28	23 43.97	− 0 49.1	1.528	2.386	15.1	17.6

31216 1998 BL_{12} 9 25.1 155.°82 8.°2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.93	−19 36.5	1.954	2.814	13.1	18.3
8 29	0 29.26	−21 20.4	1.905	2.819	10.6	18.1
9 8	0 22.53	−22 59.5	1.880	2.824	8.7	18.0
9 18	0 14.34	−24 24.7	1.881	2.829	8.2	18.0
9 28	0 5.60	−25 27.7	1.907	2.833	9.4	18.1
10 8	23 57.31	−26 3.6	1.959	2.837	11.6	18.2
10 18	23 50.35	−26 11.3	2.034	2.841	14.0	18.4
10 28	23 45.40	−25 52.5	2.127	2.844	16.1	18.6

516007 2015 RL_{253} 9 25.1 248.°67 0.°6/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.96	+ 5 20.5	2.276	3.096	12.8	21.7
8 29	0 26.02	+ 4 57.1	2.188	3.090	10.0	21.5
9 8	0 20.36	+ 4 21.1	2.122	3.084	6.7	21.3
9 18	0 13.45	+ 3 35.3	2.082	3.077	3.1	21.0
9 28	0 5.95	+ 2 43.6	2.070	3.071	1.1	20.9
10 8	23 58.67	+ 1 51.3	2.087	3.064	4.7	21.1
10 18	23 52.33	+ 1 3.6	2.132	3.058	8.3	21.3
10 28	23 47.58	+ 0 25.2	2.202	3.051	11.4	21.5

7960 Condorcet 9 25.1 124.°77 2.°4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.32	+ 8 41.4	1.438	2.263	18.7	17.5
8 29	0 31.77	+ 8 36.3	1.369	2.270	14.8	17.3
9 8	0 24.53	+ 8 10.7	1.319	2.277	10.3	17.0
9 18	0 15.30	+ 7 26.6	1.292	2.284	5.4	16.8
9 28	0 5.22	+ 6 29.1	1.291	2.290	2.4	16.6
10 8	23 55.65	+ 5 26.7	1.316	2.296	6.4	16.9
10 18	23 47.78	+ 4 27.8	1.366	2.302	11.1	17.2
10 28	23 42.50	+ 3 40.1	1.439	2.307	15.2	17.4

366091 2012 CN_{48} 9 25.1 162.°37 2.°5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.41	− 5 16.0	2.343	3.188	11.7	21.3
8 29	0 26.97	− 5 53.0	2.269	3.190	8.8	21.1
9 8	0 20.89	− 6 35.1	2.220	3.191	5.7	20.9
9 18	0 13.65	− 7 17.9	2.197	3.193	3.0	20.7
9 28	0 5.93	− 7 56.3	2.203	3.194	3.3	20.8
10 8	23 58.49	− 8 26.0	2.238	3.195	6.2	20.9
10 18	23 52.05	− 8 43.7	2.299	3.196	9.2	21.1
10 28	23 47.17	− 8 47.4	2.385	3.197	11.9	21.3

318292 2004 TE_{56} 9 25.1 353.°13 2.°0/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.93	− 1 24.9	1.362	2.230	17.2	20.5
8 29	0 27.77	− 1 54.7	1.294	2.226	13.1	20.3
9 8	0 21.99	− 2 36.7	1.246	2.223	8.5	20.0
9 18	0 14.26	− 3 25.4	1.221	2.220	3.6	19.7
9 28	0 5.67	− 4 12.9	1.220	2.218	3.2	19.7
10 8	23 57.51	− 4 51.0	1.245	2.217	7.9	20.0
10 18	23 50.97	− 5 13.8	1.293	2.217	12.7	20.2
10 28	23 46.92	− 5 17.5	1.362	2.218	16.7	20.5

119266 2001 RA_{58} 9 25.1 47.°16 4.°4/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.73	− 6 29.2	1.239	2.114	18.1	19.1
8 29	0 31.30	− 7 14.1	1.197	2.133	13.7	18.9
9 8	0 24.10	− 8 5.1	1.175	2.152	8.9	18.7
9 18	0 15.03	− 8 54.0	1.176	2.172	4.9	18.6
9 28	0 5.42	− 9 31.7	1.202	2.192	5.4	18.6
10 8	23 56.65	− 9 51.7	1.252	2.212	9.5	18.9
10 18	23 49.86	− 9 50.8	1.325	2.233	13.7	19.2
10 28	23 45.76	− 9 28.8	1.418	2.255	17.3	19.5

454956 2015 TN_{197} 9 25.1 302.°65 1.°3/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.35	− 1 59.5	2.001	2.844	13.5	21.0
8 29	0 28.99	− 2 9.3	1.903	2.822	10.4	20.7
9 8	0 22.54	− 2 26.6	1.828	2.799	6.8	20.5
9 18	0 14.47	− 2 48.2	1.779	2.777	2.9	20.2
9 28	0 5.56	− 3 9.5	1.757	2.755	2.2	20.1
10 8	23 56.78	− 3 25.8	1.763	2.733	6.2	20.3
10 18	23 49.08	− 3 33.0	1.796	2.712	10.2	20.5
10 28	23 43.25	− 3 28.0	1.852	2.690	13.7	20.7

515281 2012 TV_{169} 9 25.1 314.°33 3.°8/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.66	− 4 22.9	1.470	2.342	15.9	21.0
8 29	0 26.80	− 5 19.8	1.388	2.323	12.2	20.8
9 8	0 21.43	− 6 28.3	1.327	2.304	8.0	20.5
9 18	0 14.07	− 7 41.2	1.289	2.286	4.3	20.2
9 28	0 5.73	− 8 49.2	1.277	2.268	5.0	20.2
10 8	23 57.63	− 9 43.0	1.290	2.251	9.2	20.4
10 18	23 50.94	−10 15.9	1.326	2.234	13.7	20.6
10 28	23 46.62	−10 24.4	1.383	2.218	17.7	20.9

513513 2009 SA_{50} 9 25.1 56.°49 1.°5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.51	+ 3 37.6	1.972	2.782	14.9	20.4
8 29	0 35.58	+ 4 19.9	1.909	2.803	11.6	20.3
9 8	0 26.53	+ 4 52.8	1.869	2.826	7.9	20.1
9 18	0 16.02	+ 5 16.9	1.855	2.848	3.9	19.9
9 28	0 5.01	+ 5 33.9	1.870	2.870	1.7	19.8
10 8	23 54.55	+ 5 46.6	1.916	2.892	5.1	20.0
10 18	23 45.55	+ 5 58.1	1.990	2.915	8.8	20.3
10 28	23 38.69	+ 6 11.7	2.089	2.937	12.0	20.6

120751 1997 WH_{21} 9 25.1 337.°54 0.°1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.29	+ 3 56.6	1.195	2.066	18.9	18.4
8 29	0 24.67	+ 3 32.7	1.119	2.050	14.8	18.1
9 8	0 20.27	+ 2 48.0	1.060	2.035	9.9	17.8
9 18	0 13.64	+ 1 46.4	1.022	2.022	4.3	17.5
9 28	0 5.90	+ 0 35.9	1.008	2.009	1.7	17.2
10 8	23 58.46	− 0 32.6	1.017	1.998	7.7	17.6
10 18	23 52.65	− 1 29.2	1.049	1.989	13.2	17.9
10 28	23 49.53	− 2 6.0	1.100	1.980	18.0	18.1

227976 2007 HP_{75} 9 25.1 110.°00 2.°3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.60	− 4 42.8	2.488	3.331	11.2	21.0
8 29	0 26.20	− 5 23.4	2.422	3.342	8.4	20.8
9 8	0 20.31	− 6 8.9	2.381	3.352	5.4	20.7
9 18	0 13.38	− 6 55.2	2.366	3.362	2.7	20.5
9 28	0 6.06	− 7 37.5	2.381	3.372	3.0	20.5
10 8	23 59.05	− 8 11.5	2.424	3.382	5.7	20.7
10 18	23 52.99	− 8 34.2	2.495	3.391	8.6	20.9
10 28	23 48.38	− 8 43.6	2.591	3.401	11.1	21.1

108295 2001 HK_{64} 9 25.1 46.°33 1.°5/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.24	+ 8 11.0	1.609	2.439	16.8	19.5
8 29	0 26.74	+ 7 44.4	1.546	2.452	13.2	19.3
9 8	0 21.03	+ 6 58.9	1.504	2.465	9.0	19.1
9 18	0 13.77	+ 5 57.8	1.485	2.479	4.5	18.8
9 28	0 5.91	+ 4 47.2	1.493	2.493	1.7	18.7
10 8	23 58.53	+ 3 35.4	1.527	2.507	5.6	19.0
10 18	23 52.56	+ 2 30.0	1.587	2.522	9.9	19.3
10 28	23 48.71	+ 1 37.6	1.671	2.537	13.6	19.5

365338 2009 SP_{217} 9 25.1 20.°74 0.°4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.09	+ 3 31.2	2.144	2.971	13.3	20.6
8 29	0 26.93	+ 3 20.9	2.065	2.973	10.3	20.4
9 8	0 20.97	+ 2 59.9	2.010	2.974	6.8	20.2
9 18	0 13.72	+ 2 30.6	1.980	2.976	3.0	20.0
9 28	0 5.93	+ 1 56.8	1.978	2.979	1.1	19.8
10 8	23 58.41	+ 1 23.5	2.004	2.981	4.9	20.1
10 18	23 51.95	+ 0 55.1	2.057	2.983	8.5	20.3
10 28	23 47.18	+ 0 35.4	2.136	2.986	11.7	20.5

371909 2008 DK_{22} 9 25.1 229.°88 3.°0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.12	+ 9 18.0	1.810	2.612	16.3	20.9
8 29	0 32.92	+ 9 35.5	1.716	2.603	13.1	20.6
9 8	0 25.26	+ 9 37.2	1.643	2.592	9.4	20.4
9 18	0 15.67	+ 9 23.2	1.595	2.581	5.4	20.1
9 28	0 5.10	+ 8 55.7	1.573	2.570	3.0	19.9
10 8	23 54.71	+ 8 19.8	1.580	2.558	5.8	20.1
10 18	23 45.62	+ 7 41.5	1.613	2.545	10.0	20.3
10 28	23 38.77	+ 7 7.5	1.671	2.532	13.9	20.5

116291 2003 YD_{57} 9 25.1 155.°14 5.°3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.24	+20 32.2	2.348	3.084	14.8	19.9
8 29	0 27.79	+20 38.1	2.261	3.090	12.5	19.8
9 8	0 21.53	+20 24.0	2.195	3.096	9.9	19.6
9 18	0 13.97	+19 49.1	2.151	3.101	7.3	19.5
9 28	0 5.83	+18 55.3	2.134	3.106	5.5	19.4
10 8	23 57.95	+17 46.8	2.146	3.110	5.8	19.4
10 18	23 51.11	+16 30.1	2.185	3.114	7.9	19.5
10 28	23 45.95	+15 12.1	2.251	3.118	10.5	19.7

13353 1998 TU_{12} 9 25.1 252.°35 2.°5/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.84	−12 7.5	4.642	5.485	6.4	18.9
8 29	0 21.24	−12 35.1	4.560	5.477	4.9	18.8
9 8	0 16.84	−13 2.6	4.505	5.468	3.4	18.7
9 18	0 11.88	−13 27.8	4.478	5.460	2.5	18.6
9 28	0 6.68	−13 48.3	4.481	5.451	2.9	18.6
10 8	0 1.60	−14 2.1	4.514	5.442	4.3	18.7
10 18	23 56.95	−14 7.9	4.574	5.433	5.8	18.8
10 28	23 53.05	−14 5.0	4.660	5.424	7.2	18.9

322122 2010 VC_{170} 9 25.1 257.°83 1.°8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.68	+ 9 24.6	2.476	3.274	12.5	21.3
8 29	0 25.76	+ 9 9.4	2.375	3.260	10.0	21.1
9 8	0 20.20	+ 8 40.2	2.297	3.247	7.0	20.9
9 18	0 13.42	+ 7 58.5	2.244	3.232	3.9	20.7
9 28	0 6.04	+ 7 7.5	2.220	3.218	1.9	20.5
10 8	23 58.78	+ 6 11.7	2.224	3.203	4.3	20.6
10 18	23 52.37	+ 5 16.3	2.258	3.188	7.6	20.8
10 28	23 47.43	+ 4 26.6	2.317	3.173	10.7	21.0

381135 2007 ED_{99} 9 25.1 225.°65 1.°2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.61	+ 0 36.1	1.857	2.697	14.5	21.4
8 29	0 29.23	− 0 4.0	1.773	2.689	11.1	21.2
9 8	0 22.68	− 0 56.3	1.711	2.682	7.2	20.9
9 18	0 14.52	− 1 56.5	1.674	2.673	3.0	20.7
9 28	0 5.60	− 2 58.1	1.666	2.665	2.2	20.6
10 8	23 56.94	− 3 54.1	1.685	2.655	6.5	20.8
10 18	23 49.51	− 4 38.4	1.731	2.646	10.6	21.1
10 28	23 44.08	− 5 6.8	1.800	2.636	14.2	21.3

137804 1999 YQ_{2} 9 25.1 240.°77 0.°9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.86	+ 5 52.7	1.892	2.711	15.1	21.1
8 29	0 30.29	+ 5 33.3	1.795	2.697	11.9	20.8
9 8	0 23.47	+ 4 58.3	1.720	2.681	8.1	20.6
9 18	0 14.90	+ 4 10.2	1.670	2.665	3.8	20.3
9 28	0 5.44	+ 3 13.4	1.648	2.649	1.3	20.1
10 8	23 56.14	+ 2 14.7	1.654	2.631	5.7	20.3
10 18	23 48.00	+ 1 20.7	1.687	2.614	10.0	20.6
10 28	23 41.90	+ 0 37.5	1.744	2.595	13.9	20.8

220905 2005 AZ_{30} 9 25.1 306.°09 11.°1/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.58	−32 18.2	2.162	3.002	12.7	19.1
8 29	0 26.90	−34 15.0	2.116	2.990	11.6	19.0
9 8	0 21.14	−35 58.8	2.093	2.977	11.1	19.0
9 18	0 13.85	−37 20.7	2.093	2.964	11.5	19.0
9 28	0 5.90	−38 13.6	2.116	2.952	12.7	19.0
10 8	23 58.29	−38 34.0	2.160	2.940	14.2	19.1
10 18	23 51.92	−38 22.0	2.222	2.928	15.8	19.2
10 28	23 47.51	−37 40.4	2.299	2.916	17.3	19.3

76352 2000 ER_{165} 9 25.1 86.°79 0.°3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.43	+ 3 32.4	1.912	2.741	14.5	19.1
8 29	0 28.86	+ 3 18.9	1.841	2.750	11.3	18.9
9 8	0 22.30	+ 2 53.2	1.793	2.758	7.4	18.7
9 18	0 14.30	+ 2 18.4	1.769	2.766	3.2	18.5
9 28	0 5.74	+ 1 39.1	1.774	2.775	1.2	18.3
10 8	23 57.56	+ 1 0.9	1.806	2.783	5.4	18.6
10 18	23 50.62	+ 0 28.9	1.865	2.791	9.3	18.9
10 28	23 45.62	+ 0 7.1	1.949	2.799	12.6	19.1

361885 2008 FF_{75} 9 25.1 295.°10 3.°5/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.30	− 6 18.3	1.978	2.836	13.0	20.7
8 29	0 26.55	− 7 11.8	1.898	2.825	9.9	20.5
9 8	0 20.86	− 8 11.9	1.841	2.815	6.5	20.3
9 18	0 13.74	− 9 12.6	1.811	2.804	3.8	20.1
9 28	0 5.95	−10 7.1	1.807	2.794	4.5	20.1
10 8	23 58.42	−10 49.3	1.831	2.784	7.7	20.3
10 18	23 51.99	−11 14.8	1.881	2.774	11.1	20.5
10 28	23 47.37	−11 21.5	1.953	2.764	14.2	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
436398	2010 VA_{203}		9 25.1	287.°00	4.°5/16.0	16
	h m	° ′			°	m
8 19	0 26.43	−22 47.3	4.282	5.122	6.9	21.4
8 29	0 22.53	−23 24.8	4.218	5.116	5.7	21.3
9 8	0 17.71	−23 58.1	4.179	5.110	4.8	21.3
9 18	0 12.26	−24 24.2	4.168	5.104	4.5	21.2
9 28	0 6.57	−24 40.5	4.184	5.098	5.1	21.3
10 8	0 1.03	−24 45.0	4.228	5.092	6.2	21.3
10 18	23 56.03	−24 37.1	4.297	5.086	7.4	21.4
10 28	23 51.92	−24 16.8	4.388	5.081	8.7	21.5
424463	2008 CY_{131}		9 25.1	167.°33	1.°1/24.1	17
8 19	0 35.09	+ 1 2.0	1.772	2.611	15.1	22.0
8 29	0 30.33	+ 0 19.9	1.699	2.615	11.6	21.7
9 8	0 23.37	− 0 34.8	1.648	2.618	7.5	21.5
9 18	0 14.80	− 1 37.3	1.622	2.621	3.1	21.3
9 28	0 5.54	− 2 40.9	1.624	2.623	2.2	21.2
10 8	23 56.68	− 3 38.3	1.654	2.625	6.5	21.5
10 18	23 49.18	− 4 23.3	1.711	2.626	10.6	21.7
10 28	23 43.79	− 4 52.1	1.791	2.627	14.2	22.0
25652	Maddieball		9 25.1	258.°56	0.°1/25.1	18
8 19	0 29.61	+ 3 5.5	2.455	3.279	11.9	19.6
8 29	0 25.67	+ 2 38.3	2.362	3.268	9.2	19.5
9 8	0 20.13	+ 2 0.6	2.292	3.257	6.0	19.2
9 18	0 13.40	+ 1 15.2	2.248	3.246	2.6	19.0
9 28	0 6.12	+ 0 26.1	2.234	3.234	1.1	18.9
10 8	23 59.00	− 0 21.7	2.248	3.223	4.7	19.1
10 18	23 52.74	− 1 3.8	2.290	3.211	8.1	19.3
10 28	23 47.93	− 1 36.1	2.358	3.199	11.1	19.5
46710	1997 GB_7		9 25.1	132.°35	1.°7/23.8	18
8 19	0 34.82	− 0 51.7	1.540	2.393	16.3	18.1
8 29	0 30.46	− 1 23.5	1.471	2.394	12.5	17.9
9 8	0 23.62	− 2 7.0	1.422	2.395	8.1	17.6
9 18	0 14.96	− 2 57.1	1.398	2.397	3.4	17.4
9 28	0 5.52	− 3 46.4	1.399	2.398	2.8	17.3
10 8	23 56.52	− 4 27.6	1.428	2.399	7.3	17.6
10 18	23 49.06	− 4 55.1	1.481	2.399	11.8	17.9
10 28	23 43.97	− 5 5.3	1.557	2.400	15.6	18.1
340389	2006 EQ_{14}		9 25.1	312.°15	0.°7/25.7	18
8 19	0 34.44	+ 3 22.9	1.596	2.435	16.5	20.6
8 29	0 30.26	+ 3 26.9	1.513	2.426	12.9	20.4
9 8	0 23.58	+ 3 17.7	1.451	2.418	8.7	20.1
9 18	0 14.99	+ 2 57.5	1.413	2.410	3.9	19.8
9 28	0 5.48	+ 2 30.6	1.401	2.402	1.4	19.6
10 8	23 56.24	+ 2 3.1	1.415	2.394	6.2	19.9
10 18	23 48.43	+ 1 40.8	1.455	2.386	10.9	20.2
10 28	23 42.95	+ 1 28.6	1.518	2.379	15.0	20.4
445014	2008 HE_{41}		9 25.1	62.°35	0.°8/26.0	18
8 19	0 29.62	+ 6 22.6	2.032	2.855	14.0	21.3
8 29	0 25.83	+ 5 50.3	1.965	2.869	10.9	21.1
9 8	0 20.25	+ 5 3.7	1.920	2.883	7.3	20.9
9 18	0 13.44	+ 4 6.0	1.901	2.897	3.4	20.7
9 28	0 6.16	+ 3 2.6	1.910	2.911	1.1	20.6
10 8	23 59.25	+ 1 59.6	1.947	2.925	4.9	20.9
10 18	23 53.46	+ 1 3.0	2.011	2.939	8.5	21.1
10 28	23 49.38	+ 0 17.5	2.100	2.954	11.7	21.4
479226	2013 CD_{184}		9 25.1	299.°48	9.°3/15.1	18
8 19	0 31.88	−19 58.0	1.721	2.591	14.1	20.9
8 29	0 28.32	−21 37.5	1.647	2.567	11.6	20.7
9 8	0 22.34	−23 14.6	1.595	2.543	9.7	20.6
9 18	0 14.48	−24 38.7	1.568	2.519	9.3	20.5
9 28	0 5.71	−25 39.7	1.565	2.495	10.8	20.5
10 8	23 57.17	−26 10.4	1.585	2.471	13.4	20.6
10 18	23 49.99	−26 8.2	1.627	2.448	16.3	20.8
10 28	23 45.06	−25 34.6	1.686	2.424	18.9	20.9
236749	2007 LF_{26}		9 25.1	320.°70	6.°3/18.4	18
8 19	0 29.28	−10 20.7	1.628	2.503	14.5	19.8
8 29	0 26.16	−12 7.1	1.565	2.499	11.1	19.6
9 8	0 20.79	−13 59.0	1.524	2.495	7.9	19.4
9 18	0 13.77	−15 46.4	1.509	2.491	6.3	19.3
9 28	0 6.03	−17 18.4	1.520	2.487	7.8	19.3
10 8	23 58.66	−18 26.5	1.556	2.483	10.9	19.5
10 18	23 52.65	−19 6.2	1.616	2.480	14.2	19.7
10 28	23 48.76	−19 16.6	1.695	2.477	17.2	19.9
42037	2000 YQ_{96}		9 25.1	168.°56	0.°2/24.9	18
8 19	0 30.03	+ 2 40.6	2.626	3.448	11.3	19.8
8 29	0 25.79	+ 2 9.4	2.545	3.450	8.7	19.6
9 8	0 20.10	+ 1 28.8	2.487	3.453	5.6	19.4
9 18	0 13.37	+ 0 41.8	2.457	3.455	2.4	19.2
9 28	0 6.20	− 0 7.7	2.456	3.457	1.1	19.1
10 8	23 59.26	− 0 55.1	2.485	3.458	4.4	19.4
10 18	23 53.16	− 1 36.3	2.542	3.459	7.5	19.6
10 28	23 48.44	− 2 8.0	2.625	3.460	10.2	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
88103	2000 WJ_{81}		9 25.2	344.°00	1.°8/26.9	18
	h m	° ′			°	m
8 19	0 30.26	+ 7 30.6	1.904	2.726	14.9	19.4
8 29	0 26.62	+ 7 26.0	1.822	2.722	11.8	19.2
9 8	0 20.97	+ 7 6.2	1.760	2.719	8.2	19.0
9 18	0 13.83	+ 6 33.1	1.723	2.715	4.2	18.7
9 28	0 6.01	+ 5 50.5	1.713	2.712	1.8	18.6
10 8	23 58.45	+ 5 4.0	1.730	2.710	5.1	18.8
10 18	23 52.03	+ 4 19.7	1.773	2.708	9.1	19.0
10 28	23 47.49	+ 3 43.2	1.841	2.706	12.6	19.2
437720	2014 DB_{110}		9 25.2	257.°89	1.°4/22.1	16
8 19	0 23.05	− 5 6.8	4.444	5.282	6.7	21.7
8 29	0 19.96	− 5 42.1	4.359	5.276	5.0	21.5
9 8	0 16.07	− 6 20.2	4.299	5.270	3.3	21.4
9 18	0 11.61	− 6 58.9	4.269	5.264	1.7	21.3
9 28	0 6.92	− 7 35.6	4.268	5.258	1.9	21.3
10 8	0 2.32	− 8 7.9	4.297	5.251	3.6	21.4
10 18	23 58.16	− 8 34.0	4.355	5.245	5.4	21.5
10 28	23 54.73	− 8 52.2	4.440	5.239	7.0	21.7
296630	2009 SK_{60}		9 25.2	197.°78	2.°7/28.6	18
8 19	0 28.78	+12 45.5	2.506	3.289	12.8	20.9
8 29	0 25.01	+12 30.3	2.416	3.288	10.4	20.8
9 8	0 19.68	+11 59.6	2.348	3.287	7.5	20.6
9 18	0 13.23	+11 14.5	2.306	3.286	4.6	20.4
9 28	0 6.26	+10 18.2	2.291	3.285	2.7	20.3
10 8	23 59.51	+ 9 15.2	2.306	3.284	4.3	20.4
10 18	23 53.62	+ 8 11.0	2.349	3.282	7.2	20.6
10 28	23 49.17	+ 7 11.1	2.418	3.281	10.0	20.7
341121	2007 LS_{20}		9 25.2	20.°43	2.°4/27.2	18
8 19	0 28.01	+ 9 44.3	1.295	2.139	19.3	20.0
8 29	0 25.60	+ 9 23.7	1.234	2.145	15.4	19.8
9 8	0 20.62	+ 8 38.7	1.191	2.153	10.7	19.5
9 18	0 13.73	+ 7 32.3	1.169	2.161	5.6	19.3
9 28	0 6.08	+ 6 11.8	1.171	2.171	2.4	19.1
10 8	23 58.94	+ 4 47.5	1.198	2.181	6.3	19.4
10 18	23 53.44	+ 3 29.7	1.250	2.193	11.1	19.7
10 28	23 50.40	+ 2 27.1	1.323	2.205	15.4	20.0
483530	2003 TH_{46}		9 25.2	342.°77	3.°1/28.9	18
8 19	0 27.63	+13 26.1	2.201	2.991	14.2	21.4
8 29	0 24.37	+13 10.7	2.113	2.988	11.5	21.2
9 8	0 19.39	+12 37.2	2.046	2.985	8.4	21.0
9 18	0 13.14	+11 46.9	2.003	2.983	5.2	20.8
9 28	0 6.30	+10 43.1	1.987	2.981	3.1	20.7
10 8	23 59.70	+ 9 31.4	2.000	2.979	4.7	20.8
10 18	23 54.06	+ 8 18.2	2.040	2.977	7.9	21.0
10 28	23 50.03	+ 7 10.2	2.106	2.975	11.0	21.2
13298	Namatjira		9 25.2	101.°01	4.°0/21.8	18
8 19	0 35.89	− 6 8.7	1.563	2.424	15.7	18.3
8 29	0 31.10	− 7 3.2	1.507	2.435	11.9	18.0
9 8	0 23.91	− 8 4.2	1.473	2.446	7.8	17.8
9 18	0 15.05	− 9 4.4	1.463	2.457	4.4	17.7
9 28	0 5.58	− 9 55.6	1.480	2.468	5.0	17.7
10 8	23 56.69	−10 31.1	1.523	2.479	8.6	18.0
10 18	23 49.41	−10 46.9	1.591	2.489	12.5	18.2
10 28	23 44.45	−10 42.0	1.681	2.499	15.8	18.5
126481	2002 CU_{49}		9 25.2	244.°09	5.°3/ 1.1	18
8 19	0 31.53	+18 42.8	2.272	3.024	14.9	20.0
8 29	0 27.41	+19 3.8	2.180	3.021	12.5	19.8
9 8	0 21.42	+19 6.2	2.108	3.018	9.9	19.7
9 18	0 14.03	+18 49.0	2.060	3.014	7.2	19.5
9 28	0 5.96	+18 13.3	2.037	3.011	5.4	19.4
10 8	23 58.08	+17 22.9	2.042	3.008	5.9	19.4
10 18	23 51.21	+16 23.2	2.074	3.005	8.2	19.5
10 28	23 46.05	+15 21.3	2.132	3.001	10.9	19.7
294922	2008 DV_{37}		9 25.2	178.°73	0.°5/25.7	17
8 19	0 36.11	+ 4 53.5	1.921	2.741	14.9	21.8
8 29	0 31.04	+ 4 31.4	1.841	2.743	11.6	21.6
9 8	0 23.83	+ 3 55.2	1.782	2.744	7.7	21.4
9 18	0 15.05	+ 3 7.9	1.749	2.745	3.5	21.1
9 28	0 5.58	+ 2 14.5	1.744	2.745	1.2	21.0
10 8	23 56.44	+ 1 21.3	1.768	2.744	5.5	21.3
10 18	23 48.56	+ 0 34.3	1.819	2.743	9.6	21.5
10 28	23 42.68	− 0 1.5	1.895	2.741	13.1	21.7
362919	2012 CP_{52}		9 25.2	229.°40	1.°5/23.7	18
8 19	0 33.27	− 2 33.6	2.347	3.183	12.0	20.7
8 29	0 28.48	− 2 51.5	2.263	3.178	9.1	20.5
9 8	0 21.97	− 3 15.6	2.204	3.174	5.9	20.3
9 18	0 14.22	− 3 42.7	2.171	3.169	2.6	20.1
9 28	0 5.92	− 4 8.5	2.167	3.164	2.2	20.0
10 8	23 57.86	− 4 28.9	2.192	3.159	5.5	20.2
10 18	23 50.78	− 4 40.6	2.245	3.154	8.8	20.4
10 28	23 45.31	− 4 41.2	2.323	3.149	11.7	20.6

518013 2015 VN_{93} 9 25.2 321.°66 8.°0/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.99	−22 26.6	2.079	2.928	12.8	21.1
8 29	0 31.58	−23 11.5	2.015	2.921	10.6	20.9
9 8	0 24.08	−23 48.8	1.974	2.913	8.7	20.8
9 18	0 15.12	−24 11.5	1.958	2.906	8.0	20.7
9 28	0 5.59	−24 13.7	1.968	2.900	8.8	20.8
10 8	23 56.51	−23 52.4	2.004	2.893	10.8	20.9
10 18	23 48.77	−23 7.7	2.063	2.887	13.2	21.0
10 28	23 43.06	−22 1.8	2.143	2.881	15.4	21.2

381418 2008 KQ_{29} 9 25.2 15.°76 6.°5/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.46	− 9 48.9	1.272	2.157	17.1	20.3
8 29	0 28.28	−11 8.3	1.220	2.159	13.1	20.1
9 8	0 22.38	−12 32.5	1.188	2.162	9.1	19.9
9 18	0 14.49	−13 50.9	1.178	2.166	6.6	19.7
9 28	0 5.84	−14 52.3	1.193	2.170	7.8	19.8
10 8	23 57.79	−15 28.5	1.231	2.175	11.4	20.0
10 18	23 51.52	−15 35.9	1.291	2.181	15.3	20.3
10 28	23 47.86	−15 15.0	1.370	2.187	18.8	20.5

223382 2003 SE_{65} 9 25.2 31.°12 6.°9/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.14	+23 16.2	2.133	2.864	16.3	19.6
8 29	0 26.46	+23 45.1	2.052	2.869	14.0	19.4
9 8	0 20.85	+23 52.0	1.988	2.875	11.5	19.3
9 18	0 13.80	+23 35.0	1.947	2.881	9.0	19.1
9 28	0 6.10	+22 54.8	1.929	2.887	7.2	19.1
10 8	23 58.66	+21 55.4	1.938	2.893	7.1	19.1
10 18	23 52.34	+20 43.0	1.974	2.900	8.8	19.2
10 28	23 47.84	+19 25.7	2.034	2.907	11.2	19.4

133983 2004 TV_{282} 9 25.2 289.°72 0.°7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.44	+ 2 0.9	1.669	2.516	15.6	20.2
8 29	0 27.89	+ 1 27.1	1.583	2.503	12.1	19.9
9 8	0 22.03	+ 0 38.8	1.518	2.490	7.9	19.6
9 18	0 14.39	− 0 20.0	1.478	2.477	3.3	19.3
9 28	0 5.88	− 1 22.8	1.464	2.464	1.9	19.2
10 8	23 57.59	− 2 21.6	1.477	2.451	6.6	19.5
10 18	23 50.59	− 3 9.5	1.515	2.438	11.2	19.7
10 28	23 45.74	− 3 41.2	1.576	2.426	15.1	19.9

30145 2000 GG_{33} 9 25.2 7.°94 1.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.49	+ 5 12.9	1.218	2.077	19.4	18.0
8 29	0 27.74	+ 5 5.0	1.155	2.078	15.2	17.7
9 8	0 22.17	+ 4 37.5	1.109	2.079	10.2	17.5
9 18	0 14.48	+ 3 53.5	1.085	2.082	4.7	17.2
9 28	0 5.87	+ 3 0.1	1.084	2.085	1.6	17.0
10 8	23 57.77	+ 2 6.2	1.108	2.090	7.0	17.3
10 18	23 51.43	+ 1 20.6	1.155	2.095	12.2	17.6
10 28	23 47.79	+ 0 50.2	1.222	2.101	16.6	17.9

395438 2011 SR_{224} 9 25.2 23.°18 1.°8/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.80	+ 7 44.8	1.691	2.519	16.2	21.0
8 29	0 27.22	+ 7 35.9	1.619	2.523	12.8	20.8
9 8	0 21.45	+ 7 9.8	1.567	2.527	8.8	20.6
9 18	0 14.08	+ 6 28.8	1.539	2.532	4.5	20.3
9 28	0 6.03	+ 5 37.7	1.537	2.537	1.9	20.2
10 8	23 58.35	+ 4 43.2	1.562	2.543	5.5	20.4
10 18	23 52.00	+ 3 52.3	1.613	2.549	9.7	20.7
10 28	23 47.72	+ 3 11.0	1.687	2.555	13.4	20.9

71944 2000 WB_{87} 9 25.2 250.°81 5.°3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.78	− 9 2.6	1.509	2.374	16.0	19.7
8 29	0 32.18	− 9 56.9	1.437	2.366	12.3	19.5
9 8	0 24.91	−10 56.5	1.386	2.358	8.4	19.3
9 18	0 15.62	−11 53.2	1.359	2.349	5.5	19.1
9 28	0 5.41	−12 38.1	1.358	2.340	6.4	19.1
10 8	23 55.61	−13 3.8	1.382	2.331	10.0	19.3
10 18	23 47.41	−13 6.3	1.430	2.321	14.1	19.5
10 28	23 41.73	−12 45.2	1.499	2.312	17.7	19.7

51226 2000 JJ_{25} 9 25.2 67.°37 4.°6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.78	+15 9.4	1.919	2.701	16.2	18.5
8 29	0 28.55	+15 26.6	1.843	2.709	13.4	18.4
9 8	0 22.24	+15 24.3	1.787	2.717	10.1	18.2
9 18	0 14.40	+15 2.3	1.754	2.725	6.8	18.0
9 28	0 5.91	+14 22.9	1.746	2.733	4.6	17.9
10 8	23 57.75	+13 31.1	1.767	2.741	5.8	18.0
10 18	23 50.83	+12 33.6	1.813	2.749	8.8	18.2
10 28	23 45.88	+11 37.6	1.885	2.757	12.0	18.4

97853 2000 QM_{8} 9 25.2 7.°30 2.°5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.56	+ 7 33.9	1.141	1.994	20.8	18.8
8 29	0 29.58	+ 7 43.5	1.077	1.994	16.5	18.5
9 8	0 23.52	+ 7 30.8	1.029	1.995	11.5	18.3
9 18	0 15.10	+ 6 57.4	1.003	1.996	6.0	18.0
9 28	0 5.62	+ 6 8.9	0.999	1.999	2.6	17.8
10 8	23 56.66	+ 5 14.5	1.019	2.002	7.2	18.1
10 18	23 49.64	+ 4 24.0	1.061	2.005	12.5	18.4
10 28	23 45.57	+ 3 45.9	1.124	2.010	17.2	18.7

331035 2009 VF_{48} 9 25.2 315.°71 0.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.76	+ 4 20.9	2.134	2.965	13.2	21.2
8 29	0 24.54	+ 3 48.5	2.043	2.953	10.2	21.0
9 8	0 19.56	+ 3 2.9	1.975	2.941	6.8	20.7
9 18	0 13.27	+ 2 7.1	1.933	2.930	3.0	20.5
9 28	0 6.35	+ 1 6.1	1.918	2.919	1.1	20.3
10 8	23 59.62	+ 0 5.8	1.932	2.908	5.1	20.6
10 18	23 53.84	− 0 48.0	1.972	2.898	8.8	20.8
10 28	23 49.68	− 1 30.3	2.037	2.888	12.1	21.0

516212 2016 TF_{48} 9 25.2 49.°46 2.°3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.66	− 1 42.7	1.762	2.616	14.5	21.1
8 29	0 26.98	− 2 39.8	1.693	2.619	11.0	20.9
9 8	0 21.23	− 3 47.6	1.647	2.622	7.1	20.7
9 18	0 13.98	− 5 0.3	1.627	2.625	3.2	20.5
9 28	0 6.11	− 6 10.1	1.633	2.628	3.3	20.5
10 8	23 58.62	− 7 9.7	1.667	2.631	7.2	20.7
10 18	23 52.39	− 7 53.4	1.726	2.634	11.0	21.0
10 28	23 48.14	− 8 18.0	1.807	2.638	14.4	21.2

121696 1999 XD_{69} 9 25.2 201.°30 2.°5/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.54	− 5 33.8	2.576	3.420	10.8	20.2
8 29	0 26.26	− 6 16.8	2.498	3.417	8.2	20.0
9 8	0 20.46	− 7 4.5	2.444	3.415	5.3	19.8
9 18	0 13.60	− 7 52.8	2.417	3.412	2.9	19.7
9 28	0 6.27	− 8 37.0	2.420	3.409	3.2	19.7
10 8	23 59.17	− 9 12.6	2.451	3.405	5.9	19.9
10 18	23 52.94	− 9 36.5	2.510	3.402	8.7	20.1
10 28	23 48.11	− 9 46.6	2.594	3.398	11.3	20.2

379163 2009 QS_{22} 9 25.2 5.°83 1.°3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.17	− 0 26.7	0.964	1.855	20.7	19.8
8 29	0 27.25	− 0 30.2	0.911	1.854	16.0	19.5
9 8	0 22.10	− 0 48.7	0.875	1.855	10.4	19.2
9 18	0 14.51	− 1 16.7	0.858	1.858	4.3	18.9
9 28	0 5.92	− 1 46.1	0.863	1.863	2.6	18.8
10 8	23 57.99	− 2 7.9	0.890	1.870	8.6	19.2
10 18	23 52.17	− 2 15.3	0.938	1.879	14.2	19.5
10 28	23 49.43	− 2 4.3	1.004	1.889	18.9	19.9

103275 2000 AM_{33} 9 25.2 219.°62 2.°0/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.02	+ 8 45.9	2.364	3.159	13.2	20.3
8 29	0 29.19	+ 8 43.4	2.267	3.151	10.5	20.1
9 8	0 22.55	+ 8 27.7	2.193	3.142	7.4	19.9
9 18	0 14.55	+ 7 59.9	2.144	3.132	4.0	19.7
9 28	0 5.89	+ 7 22.7	2.124	3.122	2.0	19.5
10 8	23 57.39	+ 6 40.5	2.134	3.112	4.5	19.7
10 18	23 49.83	+ 5 58.3	2.172	3.101	8.0	19.9
10 28	23 43.91	+ 5 20.9	2.236	3.089	11.1	20.1

280566 2004 TC_{4} 9 25.2 81.°33 0.°2/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.97	+ 4 51.6	1.669	2.506	16.0	21.5
8 29	0 28.11	+ 4 17.3	1.599	2.512	12.4	21.3
9 8	0 22.03	+ 3 26.7	1.550	2.517	8.2	21.0
9 18	0 14.34	+ 2 23.9	1.525	2.523	3.6	20.8
9 28	0 5.99	+ 1 15.3	1.527	2.528	1.3	20.6
10 8	23 58.04	+ 0 8.9	1.557	2.534	6.0	20.9
10 18	23 51.46	− 0 48.2	1.612	2.540	10.3	21.2
10 28	23 46.99	− 1 30.6	1.690	2.545	14.0	21.5

114662 2003 FA_{12} 9 25.2 14.°45 0.°6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.32	+ 4 34.4	1.796	2.632	15.1	20.0
8 29	0 26.72	+ 4 18.1	1.723	2.634	11.7	19.8
9 8	0 21.07	+ 3 47.8	1.671	2.637	7.8	19.6
9 18	0 13.93	+ 3 6.5	1.643	2.640	3.5	19.3
9 28	0 6.15	+ 2 19.3	1.643	2.644	1.2	19.2
10 8	23 58.72	+ 1 32.4	1.669	2.648	5.5	19.5
10 18	23 52.51	+ 0 51.8	1.721	2.652	9.5	19.7
10 28	23 48.25	+ 0 22.3	1.798	2.657	13.1	20.0

21595 1998 WJ_{5} 9 25.2 325.°98 3.°7/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.02	−14 21.2	3.824	4.679	7.4	17.5
8 29	0 20.14	−15 29.9	3.752	4.671	5.7	17.4
9 8	0 16.31	−16 38.5	3.706	4.664	4.3	17.3
9 18	0 11.80	−17 43.3	3.688	4.657	3.7	17.2
9 28	0 6.99	−18 40.5	3.700	4.650	4.4	17.3
10 8	0 2.30	−19 26.9	3.740	4.643	5.9	17.4
10 18	23 58.13	−20 0.7	3.806	4.636	7.5	17.5
10 28	23 54.82	−20 20.7	3.896	4.629	9.0	17.6

211054 2002 CO_{91} 9 25.2 96.°53 3.°5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.33	− 3 9.2	1.421	2.283	16.9	20.3
8 29	0 30.87	− 4 19.5	1.369	2.298	12.8	20.0
9 8	0 23.88	− 5 40.5	1.338	2.313	8.2	19.8
9 18	0 15.11	− 7 4.0	1.331	2.328	4.1	19.6
9 28	0 5.73	− 8 20.0	1.350	2.342	4.6	19.7
10 8	23 56.99	− 9 19.6	1.396	2.356	8.7	20.0
10 18	23 49.97	− 9 57.6	1.465	2.370	12.9	20.3
10 28	23 45.42	−10 11.8	1.556	2.383	16.4	20.5

138426 2000 HY_{69} 9 25.2 124.°05 3.°8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.66	+16 14.6	2.160	2.931	15.0	20.1
8 29	0 26.69	+15 57.6	2.079	2.939	12.3	20.0
9 8	0 20.91	+15 20.5	2.019	2.947	9.2	19.8
9 18	0 13.83	+14 24.0	1.983	2.955	6.0	19.6
9 28	0 6.21	+13 11.8	1.974	2.963	3.9	19.5
10 8	23 58.89	+11 49.8	1.994	2.970	5.0	19.6
10 18	23 52.65	+10 25.2	2.041	2.977	8.0	19.8
10 28	23 48.13	+ 9 5.2	2.115	2.984	11.0	20.0

302118 2001 PM_{38} 9 25.2 30.°68 4.°8/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.86	− 9 49.4	1.551	2.419	15.5	19.6
8 29	0 30.34	−10 23.5	1.498	2.429	11.8	19.4
9 8	0 23.45	−10 59.4	1.466	2.439	8.0	19.2
9 18	0 14.92	−11 30.4	1.458	2.449	5.1	19.1
9 28	0 5.81	−11 49.8	1.477	2.460	5.7	19.2
10 8	23 57.31	−11 52.4	1.520	2.472	9.0	19.4
10 18	23 50.41	−11 36.4	1.588	2.484	12.6	19.6
10 28	23 45.82	−11 1.9	1.678	2.497	15.8	19.9

280888 2005 WV_{106} 9 25.2 207.°09 0.°9/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.68	+ 1 30.8	1.961	2.795	14.1	22.2
8 29	0 29.20	+ 0 51.4	1.878	2.791	10.8	22.0
9 8	0 22.67	− 0 0.3	1.817	2.786	7.0	21.7
9 18	0 14.64	− 1 0.1	1.782	2.781	2.9	21.5
9 28	0 5.91	− 2 2.1	1.776	2.775	1.8	21.4
10 8	23 57.45	− 2 59.5	1.798	2.769	6.0	21.7
10 18	23 50.15	− 3 46.6	1.846	2.762	10.0	21.9
10 28	23 44.75	− 4 19.1	1.919	2.755	13.4	22.1

374705 2006 RZ_{84} 9 25.2 80.°95 0.°6/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.69	+ 5 58.7	1.424	2.261	18.2	21.2
8 29	0 31.11	+ 5 24.0	1.371	2.283	14.1	21.0
9 8	0 24.01	+ 4 30.5	1.338	2.304	9.4	20.8
9 18	0 15.17	+ 3 23.0	1.328	2.325	4.2	20.5
9 28	0 5.75	+ 2 9.2	1.345	2.346	1.4	20.4
10 8	23 57.01	+ 0 58.3	1.388	2.367	6.4	20.8
10 18	23 50.00	− 0 1.7	1.457	2.387	11.0	21.1
10 28	23 45.46	− 0 45.3	1.548	2.407	14.8	21.4

423998 2006 VM_{119} 9 25.2 55.°04 1.°0/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.40	+ 5 11.6	1.285	2.132	19.3	21.0
8 29	0 31.21	+ 5 2.4	1.230	2.147	15.0	20.7
9 8	0 24.25	+ 4 34.8	1.195	2.163	10.0	20.5
9 18	0 15.32	+ 3 52.4	1.182	2.178	4.6	20.3
9 28	0 5.68	+ 3 2.0	1.194	2.195	1.5	20.1
10 8	23 56.73	+ 2 12.1	1.231	2.211	6.7	20.5
10 18	23 49.64	+ 1 30.4	1.292	2.228	11.6	20.8
10 28	23 45.23	+ 1 2.7	1.375	2.245	15.7	21.1

515413 2013 HB_{41} 9 25.2 96.°85 0.°5/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.49	+ 0 30.1	2.252	3.081	12.6	22.2
8 29	0 28.67	+ 0 19.5	2.178	3.088	9.7	22.0
9 8	0 22.11	+ 0 0.7	2.128	3.095	6.3	21.8
9 18	0 14.33	− 0 23.4	2.104	3.102	2.6	21.6
9 28	0 6.06	− 0 48.9	2.109	3.109	1.4	21.5
10 8	23 58.11	− 1 11.5	2.142	3.116	5.0	21.7
10 18	23 51.21	− 1 27.7	2.204	3.122	8.4	22.0
10 28	23 45.98	− 1 34.6	2.290	3.129	11.4	22.2

428656 2008 GD_{72} 9 25.2 88.°59 0.°3/25.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.68	+ 4 39.8	1.549	2.385	17.1	21.9
8 29	0 30.97	+ 4 12.4	1.491	2.402	13.2	21.7
9 8	0 23.88	+ 3 28.8	1.454	2.420	8.7	21.5
9 18	0 15.12	+ 2 33.4	1.440	2.437	3.8	21.3
9 28	0 5.77	+ 1 32.7	1.453	2.454	1.3	21.1
10 8	23 57.01	+ 0 34.6	1.494	2.471	6.1	21.5
10 18	23 49.85	− 0 14.0	1.560	2.488	10.6	21.8
10 28	23 45.01	− 0 48.1	1.649	2.504	14.3	22.1

107750 2001 FY_{35} 9 25.2 57.°93 1.°0/25.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.61	+ 3 51.7	1.356	2.200	18.6	19.1
8 29	0 32.87	+ 3 59.3	1.295	2.210	14.5	18.9
9 8	0 25.36	+ 3 51.6	1.253	2.220	9.7	18.7
9 18	0 15.82	+ 3 31.1	1.234	2.231	4.4	18.4
9 28	0 5.49	+ 3 3.2	1.240	2.241	1.5	18.2
10 8	23 55.76	+ 2 34.6	1.273	2.252	6.6	18.6
10 18	23 47.86	+ 2 11.6	1.330	2.263	11.5	18.9
10 28	23 42.65	+ 1 59.7	1.408	2.275	15.6	19.2

357790 2005 TX_2 9 25.2 34.°32 1.°7/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.00	+ 5 56.1	1.832	2.655	15.4	20.5
8 29	0 29.49	+ 6 8.2	1.760	2.661	12.1	20.3
9 8	0 22.87	+ 6 7.1	1.709	2.668	8.3	20.1
9 18	0 14.71	+ 5 54.3	1.683	2.676	4.2	19.8
9 28	0 5.91	+ 5 33.1	1.684	2.683	1.8	19.7
10 8	23 57.49	+ 5 8.5	1.712	2.691	5.3	20.0
10 18	23 50.36	+ 4 45.5	1.767	2.700	9.2	20.2
10 28	23 45.25	+ 4 28.9	1.846	2.708	12.7	20.4

21551 Geyang 9 25.2 243.°01 1.°1/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.35	+ 7 53.4	2.360	3.170	12.7	18.7
8 29	0 24.80	+ 7 18.0	2.272	3.167	10.0	18.5
9 8	0 19.65	+ 6 28.3	2.206	3.163	6.8	18.3
9 18	0 13.32	+ 5 26.6	2.167	3.160	3.4	18.1
9 28	0 6.47	+ 4 17.5	2.155	3.156	1.2	17.9
10 8	23 59.82	+ 3 6.7	2.173	3.152	4.4	18.2
10 18	23 54.07	+ 2 0.0	2.220	3.148	7.8	18.4
10 28	23 49.81	+ 1 2.5	2.292	3.145	10.9	18.6

143827 2003 WM_{150} 9 25.2 83.°53 2.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.08	− 0 49.5	1.414	2.273	17.1	19.6
8 29	0 29.90	− 2 2.5	1.363	2.291	13.0	19.4
9 8	0 23.25	− 3 28.7	1.333	2.309	8.3	19.2
9 18	0 14.88	− 5 0.0	1.328	2.326	3.7	19.0
9 28	0 5.91	− 6 26.1	1.348	2.343	3.8	19.1
10 8	23 57.60	− 7 37.7	1.395	2.360	8.2	19.4
10 18	23 50.98	− 8 28.5	1.467	2.377	12.4	19.7
10 28	23 46.76	− 8 55.5	1.560	2.394	16.1	19.9

243479 2009 TY_5 9 25.2 296.°84 1.°9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.84	− 7 53.6	4.279	5.120	6.9	20.2
8 29	0 21.37	− 8 19.0	4.197	5.115	5.2	20.1
9 8	0 17.05	− 8 45.8	4.142	5.111	3.4	20.0
9 18	0 12.13	− 9 12.0	4.115	5.107	2.0	19.9
9 28	0 6.96	− 9 34.9	4.118	5.102	2.3	19.9
10 8	0 1.92	− 9 52.5	4.150	5.098	3.9	20.0
10 18	23 57.34	−10 3.2	4.211	5.094	5.7	20.1
10 28	23 53.56	−10 5.6	4.298	5.090	7.4	20.2

366686 2003 US_{275} 9 25.2 12.°77 1.°7/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.54	− 2 14.8	0.752	1.662	22.9	19.5
8 29	0 27.24	− 2 0.2	0.714	1.667	17.6	19.2
9 8	0 22.27	− 1 58.8	0.691	1.676	11.4	18.9
9 18	0 14.63	− 2 5.1	0.686	1.687	4.8	18.6
9 28	0 6.03	− 2 10.7	0.700	1.701	3.1	18.6
10 8	23 58.42	− 2 7.7	0.734	1.717	9.3	19.0
10 18	23 53.31	− 1 50.8	0.788	1.735	15.1	19.4
10 28	23 51.60	− 1 17.3	0.858	1.756	20.0	19.8

320065 2007 EW_{38} 9 25.2 248.°80 1.°2/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.56	+ 8 20.4	2.314	3.123	13.0	20.9
8 29	0 25.02	+ 7 43.5	2.223	3.117	10.2	20.7
9 8	0 19.83	+ 6 51.5	2.154	3.111	7.0	20.5
9 18	0 13.42	+ 5 46.7	2.112	3.104	3.5	20.2
9 28	0 6.46	+ 4 33.7	2.098	3.098	1.3	20.0
10 8	23 59.68	+ 3 18.5	2.113	3.092	4.5	20.3
10 18	23 53.82	+ 2 7.3	2.156	3.085	8.0	20.5
10 28	23 49.48	+ 1 5.5	2.224	3.078	11.1	20.7

507968 2015 BM_{71} 9 25.2 114.°96 3.°6/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.20	+12 30.4	1.632	2.435	17.8	21.5
8 29	0 30.71	+12 29.5	1.561	2.444	14.4	21.3
9 8	0 23.83	+12 7.1	1.509	2.454	10.4	21.1
9 18	0 15.18	+11 24.2	1.481	2.464	6.3	20.9
9 28	0 5.79	+10 24.8	1.478	2.473	3.6	20.8
10 8	23 56.85	+ 9 16.2	1.502	2.482	5.9	20.9
10 18	23 49.41	+ 8 6.9	1.553	2.490	9.9	21.2
10 28	23 44.27	+ 7 4.9	1.627	2.498	13.6	21.4

258631 2002 EZ_7 9 25.2 202.°53 2.°0/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.16	− 8 47.6	4.643	5.487	6.4	20.4
8 29	0 20.04	− 9 24.7	4.566	5.485	4.8	20.3
9 8	0 16.17	−10 3.1	4.516	5.484	3.2	20.2
9 18	0 11.76	−10 40.4	4.494	5.483	2.1	20.1
9 28	0 7.13	−11 14.2	4.503	5.482	2.5	20.1
10 8	0 2.62	−11 42.4	4.540	5.480	3.9	20.2
10 18	23 58.52	−12 3.2	4.606	5.479	5.5	20.4
10 28	23 55.13	−12 15.5	4.698	5.478	7.0	20.5

433257 2012 XT_{29} 9 25.2 13.°27 5.°7/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.52	− 9 4.2	1.016	1.914	19.3	19.4
8 29	0 28.01	− 9 36.1	0.974	1.921	14.7	19.2
9 8	0 22.40	−10 11.5	0.950	1.930	9.9	19.0
9 18	0 14.60	−10 41.3	0.946	1.941	6.1	18.8
9 28	0 6.06	−10 56.2	0.965	1.954	6.8	18.9
10 8	23 58.36	−10 49.9	1.005	1.968	10.9	19.2
10 18	23 52.74	−10 20.5	1.067	1.985	15.3	19.5
10 28	23 50.03	− 9 29.2	1.146	2.003	19.2	19.8

407042 2009 SF_{102} 9 25.2 311.°24 1.°8/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.51	− 2 49.6	2.067	2.913	13.0	21.0
8 29	0 27.49	− 3 11.7	1.980	2.901	9.9	20.7
9 8	0 21.57	− 3 41.1	1.916	2.888	6.4	20.5
9 18	0 14.21	− 4 13.9	1.877	2.875	2.9	20.3
9 28	0 6.17	− 4 45.3	1.866	2.863	2.6	20.2
10 8	23 58.35	− 5 10.0	1.883	2.851	6.2	20.4
10 18	23 51.57	− 5 24.3	1.927	2.839	9.8	20.6
10 28	23 46.55	− 5 25.2	1.994	2.828	13.1	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
390331	2013 BG_{64}		9 25.2	274.°55	1.°6/21.9	18
	h m	° ′			°	m
8 19	0 22.83	− 5 31.6	4.438	5.277	6.7	21.2
8 29	0 19.85	− 6 10.9	4.353	5.272	5.0	21.0
9 8	0 16.07	− 6 53.0	4.295	5.266	3.3	20.9
9 18	0 11.73	− 7 35.5	4.265	5.260	1.8	20.8
9 28	0 7.15	− 8 15.9	4.266	5.254	2.0	20.8
10 8	0 2.67	− 8 51.6	4.296	5.248	3.7	20.9
10 18	23 58.62	− 9 20.5	4.355	5.242	5.4	21.0
10 28	23 55.29	− 9 41.3	4.440	5.236	7.1	21.2
480839	2000 AR_{149}		9 25.2	335.°83	4.°0/28.4	18
8 19	0 21.54	+11 31.0	1.167	2.021	20.3	19.6
8 29	0 21.30	+11 35.6	1.076	1.991	16.7	19.2
9 8	0 18.36	+11 12.2	1.001	1.962	12.3	18.9
9 18	0 13.11	+10 19.5	0.946	1.935	7.4	18.5
9 28	0 6.54	+ 9 1.2	0.912	1.910	4.0	18.3
10 8	0 0.05	+ 7 27.1	0.901	1.886	7.2	18.4
10 18	23 55.08	+ 5 50.1	0.911	1.865	12.7	18.6
10 28	23 52.85	+ 4 24.1	0.941	1.846	17.9	18.8
513221	2005 UD_{306}		9 25.2	301.°20	0.°5/24.8	18
8 19	0 32.63	+ 2 0.6	1.490	2.342	16.8	22.0
8 29	0 29.19	+ 1 41.3	1.403	2.325	13.1	21.7
9 8	0 23.14	+ 1 7.1	1.336	2.308	8.7	21.4
9 18	0 15.02	+ 0 21.4	1.293	2.291	3.7	21.1
9 28	0 5.83	− 0 29.3	1.274	2.275	1.8	20.9
10 8	23 56.85	− 1 17.2	1.282	2.259	7.1	21.2
10 18	23 49.29	− 1 54.9	1.314	2.243	12.0	21.5
10 28	23 44.15	− 2 16.7	1.368	2.228	16.4	21.7
360380	2002 CQ_{210}		9 25.2	162.°57	2.°0/22.5	18
8 19	0 30.31	− 3 31.2	2.744	3.581	10.4	22.1
8 29	0 25.98	− 4 21.4	2.670	3.586	7.9	22.0
9 8	0 20.26	− 5 17.4	2.621	3.591	5.1	21.8
9 18	0 13.56	− 6 15.2	2.599	3.595	2.5	21.6
9 28	0 6.47	− 7 10.0	2.608	3.599	2.7	21.6
10 8	23 59.61	− 7 57.5	2.645	3.603	5.3	21.8
10 18	23 53.57	− 8 34.3	2.711	3.606	8.1	22.0
10 28	23 48.85	− 8 58.0	2.803	3.608	10.5	22.2
19945	1981 ET_{31}		9 25.2	298.°73	0.°4/24.8	18
8 19	0 27.98	+ 3 58.9	2.035	2.870	13.6	18.6
8 29	0 24.94	+ 3 9.4	1.933	2.846	10.6	18.4
9 8	0 20.00	+ 2 4.4	1.854	2.822	7.0	18.1
9 18	0 13.59	+ 0 47.4	1.800	2.799	2.9	17.8
9 28	0 6.42	− 0 35.6	1.775	2.775	1.4	17.7
10 8	23 59.35	− 1 57.2	1.777	2.752	5.7	17.9
10 18	23 53.23	− 3 10.0	1.806	2.728	9.8	18.1
10 28	23 48.82	− 4 8.2	1.860	2.705	13.4	18.3
342665	2008 VB_{13}		9 25.2	220.°44	0.°3/25.6	18
8 19	0 32.79	+ 4 33.4	1.993	2.818	14.2	21.6
8 29	0 28.53	+ 4 7.6	1.907	2.813	11.1	21.3
9 8	0 22.27	+ 3 28.2	1.844	2.808	7.4	21.1
9 18	0 14.52	+ 2 37.9	1.805	2.802	3.3	20.8
9 28	0 6.08	+ 1 42.0	1.795	2.796	1.1	20.7
10 8	23 57.89	+ 0 46.4	1.813	2.790	5.3	21.0
10 18	23 50.81	− 0 2.7	1.858	2.783	9.3	21.2
10 28	23 45.59	− 0 40.3	1.928	2.776	12.8	21.4
1911	Schubart		9 25.2	275.°39	0.°5/26.0	18
8 19	0 26.92	+ 5 3.3	3.258	4.067	9.6	16.4
8 29	0 23.31	+ 4 44.5	3.157	4.053	7.5	16.2
9 8	0 18.50	+ 4 17.1	3.079	4.038	5.0	16.0
9 18	0 12.84	+ 3 42.8	3.029	4.024	2.3	15.8
9 28	0 6.75	+ 3 4.4	3.008	4.009	0.8	15.6
10 8	0 0.77	+ 2 25.2	3.018	3.995	3.4	15.8
10 18	23 55.39	+ 1 48.5	3.056	3.980	6.1	16.0
10 28	23 51.06	+ 1 17.4	3.121	3.965	8.5	16.2
383158	2005 US_{388}		9 25.2	291.°56	0.°9/25.9	18
8 19	0 31.97	+ 5 43.7	1.550	2.389	16.9	21.0
8 29	0 28.62	+ 5 25.3	1.459	2.371	13.4	20.8
9 8	0 22.75	+ 4 48.7	1.388	2.353	9.1	20.5
9 18	0 14.87	+ 3 56.3	1.339	2.336	4.3	20.2
9 28	0 5.93	+ 2 53.6	1.317	2.318	1.4	19.9
10 8	23 57.14	+ 1 48.8	1.321	2.301	6.4	20.2
10 18	23 49.71	+ 0 50.3	1.350	2.283	11.4	20.4
10 28	23 44.62	+ 0 5.4	1.401	2.266	15.8	20.7
296556	2009 QW_{23}		9 25.2	46.°85	1.°8/23.9	17
8 19	0 34.03	− 0 6.5	1.227	2.094	18.8	20.2
8 29	0 30.22	− 0 44.3	1.178	2.109	14.3	20.0
9 8	0 23.63	− 1 36.3	1.149	2.125	9.2	19.8
9 18	0 15.11	− 2 35.6	1.142	2.141	3.8	19.5
9 28	0 5.92	− 3 33.3	1.159	2.158	3.0	19.5
10 8	23 57.46	− 4 20.3	1.202	2.175	8.0	19.8
10 18	23 50.89	− 4 50.5	1.268	2.193	12.7	20.2
10 28	23 46.99	− 5 0.6	1.354	2.211	16.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
374772	2006 SA_{350}		9 25.2	108.°65	2.°4/27.1	17
	h m	° ′			°	m
8 19	0 39.01	+ 7 54.7	1.572	2.389	17.7	21.2
8 29	0 33.67	+ 8 6.1	1.505	2.401	14.1	21.0
9 8	0 25.77	+ 8 0.3	1.458	2.414	9.8	20.8
9 18	0 16.03	+ 7 38.7	1.435	2.426	5.2	20.5
9 28	0 5.54	+ 7 5.3	1.439	2.437	2.5	20.4
10 8	23 55.57	+ 6 26.2	1.469	2.449	6.0	20.6
10 18	23 47.25	+ 5 48.3	1.526	2.460	10.3	20.9
10 28	23 41.39	+ 5 17.9	1.606	2.470	14.1	21.2
326496	2002 HU_{8}		9 25.2	202.°65	1.°7/22.9	18
8 19	0 31.45	− 3 31.8	2.974	3.805	9.9	22.3
8 29	0 26.80	− 4 7.1	2.887	3.800	7.5	22.1
9 8	0 20.78	− 4 47.5	2.825	3.794	4.8	22.0
9 18	0 13.80	− 5 29.8	2.791	3.788	2.3	21.8
9 28	0 6.39	− 6 10.2	2.788	3.781	2.3	21.8
10 8	23 59.15	− 6 44.8	2.814	3.774	4.9	21.9
10 18	23 52.66	− 7 10.7	2.869	3.766	7.6	22.1
10 28	23 47.41	− 7 25.6	2.950	3.758	10.0	22.3
63205	2000 YG_{139}		9 25.2	238.°16	0.°7/23.8	18
8 19	0 23.50	− 1 5.4	4.409	5.235	7.0	19.8
8 29	0 20.36	− 1 33.6	4.322	5.232	5.3	19.7
9 8	0 16.41	− 2 5.9	4.261	5.230	3.4	19.6
9 18	0 11.90	− 2 40.5	4.228	5.227	1.4	19.4
9 28	0 7.15	− 3 14.9	4.226	5.224	1.1	19.4
10 8	0 2.50	− 3 46.9	4.254	5.221	3.1	19.5
10 18	23 58.29	− 4 14.3	4.311	5.218	5.0	19.7
10 28	23 54.82	− 4 35.3	4.395	5.215	6.7	19.8
518255	2016 UK_{148}		9 25.2	326.°10	2.°5/22.9	18
8 19	0 28.87	− 1 43.3	1.516	2.382	15.8	21.0
8 29	0 26.16	− 2 32.4	1.436	2.367	12.1	20.8
9 8	0 21.06	− 3 34.6	1.376	2.353	7.9	20.5
9 18	0 14.11	− 4 43.9	1.341	2.340	3.6	20.2
9 28	0 6.27	− 5 51.8	1.331	2.327	3.6	20.2
10 8	23 58.70	− 6 49.5	1.347	2.315	8.0	20.4
10 18	23 52.48	− 7 30.1	1.387	2.303	12.5	20.7
10 28	23 48.50	− 7 49.2	1.447	2.293	16.5	20.9
414416	2009 CF_{11}		9 25.2	141.°44	2.°7/27.5	17
8 19	0 35.70	+10 8.4	1.501	2.319	18.4	21.6
8 29	0 31.34	+ 9 57.3	1.429	2.325	14.7	21.3
9 8	0 24.39	+ 9 24.4	1.376	2.331	10.4	21.1
9 18	0 15.50	+ 8 31.7	1.346	2.336	5.7	20.8
9 28	0 5.77	+ 7 24.3	1.342	2.341	2.7	20.7
10 8	23 56.49	+ 6 10.8	1.364	2.345	6.1	20.9
10 18	23 48.81	+ 5 0.3	1.412	2.349	10.7	21.2
10 28	23 43.61	+ 4 0.8	1.484	2.353	14.8	21.4
232507	2003 QK_{60}		9 25.2	11.°99	3.°5/21.8	18
8 19	0 27.88	− 2 26.7	1.432	2.304	16.2	19.4
8 29	0 25.33	− 3 49.2	1.371	2.306	12.3	19.1
9 8	0 20.42	− 5 24.9	1.331	2.309	7.9	18.9
9 18	0 13.79	− 7 5.3	1.315	2.312	4.1	18.7
9 28	0 6.45	− 8 39.5	1.324	2.316	4.8	18.7
10 8	23 59.55	− 9 57.5	1.359	2.320	8.9	19.0
10 18	23 54.11	−10 52.2	1.418	2.325	13.0	19.3
10 28	23 50.91	−11 20.7	1.498	2.331	16.7	19.5
473170	2015 KJ_{38}		9 25.2	118.°53	0.°6/25.9	16
8 19	0 32.48	+ 6 47.7	1.924	2.744	14.9	20.6
8 29	0 28.20	+ 6 3.7	1.855	2.756	11.6	20.5
9 8	0 21.97	+ 5 3.5	1.807	2.769	7.7	20.2
9 18	0 14.37	+ 3 50.9	1.786	2.781	3.5	20.0
9 28	0 6.23	+ 2 32.1	1.792	2.793	1.1	19.9
10 8	23 58.49	+ 1 14.5	1.826	2.804	5.2	20.2
10 18	23 51.98	+ 0 4.9	1.889	2.815	9.1	20.4
10 28	23 47.33	− 0 51.2	1.976	2.826	12.5	20.7
338685	2003 TZ_{35}		9 25.2	230.°15	2.°6/27.9	18
8 19	0 32.47	+10 55.2	2.080	2.877	14.6	21.5
8 29	0 28.29	+10 47.1	1.988	2.870	11.8	21.3
9 8	0 22.14	+10 22.0	1.916	2.863	8.5	21.1
9 18	0 14.51	+ 9 41.1	1.870	2.855	4.9	20.9
9 28	0 6.15	+ 8 47.6	1.850	2.847	2.6	20.7
10 8	23 57.99	+ 7 47.2	1.859	2.838	5.0	20.8
10 18	23 50.89	+ 6 46.1	1.896	2.830	8.6	21.0
10 28	23 45.60	+ 5 50.8	1.958	2.821	12.0	21.2
308641	2005 YK_{176}		9 25.2	71.°52	2.°2/26.8	17
8 19	0 37.33	+ 8 4.7	1.211	2.050	20.7	20.6
8 29	0 32.87	+ 7 59.2	1.158	2.068	16.3	20.4
9 8	0 25.46	+ 7 31.2	1.124	2.086	11.2	20.1
9 18	0 15.93	+ 6 43.7	1.111	2.104	5.7	19.9
9 28	0 5.65	+ 5 43.5	1.122	2.122	2.3	19.7
10 8	23 56.14	+ 4 40.2	1.158	2.140	6.8	20.1
10 18	23 48.66	+ 3 43.2	1.219	2.158	11.8	20.4
10 28	23 44.05	+ 3 0.1	1.301	2.176	16.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
12958	2276 $T\text{-}_2$		9 25.2	75.°16	0.°7/24.6	18
	h m	° ′			°	m
8 19	0 33.59	+ 1 19.0	1.738	2.580	15.2	19.0
8 29	0 29.27	+ 0 53.4	1.670	2.587	11.7	18.8
9 8	0 22.79	+ 0 15.9	1.624	2.594	7.6	18.6
9 18	0 14.76	− 0 29.4	1.602	2.601	3.1	18.3
9 28	0 6.09	− 1 16.5	1.608	2.608	1.7	18.2
10 8	23 57.84	− 1 59.0	1.641	2.615	6.1	18.5
10 18	23 50.95	− 2 31.5	1.700	2.622	10.2	18.8
10 28	23 46.12	− 2 50.1	1.782	2.629	13.8	19.0
233782	2008 TP_{172}		9 25.2	182.°15	5.°4/ 1.4	18
8 19	0 32.53	+19 58.7	2.120	2.867	15.9	20.8
8 29	0 28.34	+19 58.7	2.030	2.868	13.4	20.6
9 8	0 22.16	+19 36.4	1.960	2.868	10.5	20.4
9 18	0 14.51	+18 51.3	1.912	2.868	7.6	20.2
9 28	0 6.17	+17 45.4	1.891	2.868	5.5	20.1
10 8	23 58.08	+16 23.9	1.898	2.866	6.0	20.1
10 18	23 51.11	+14 54.3	1.932	2.865	8.5	20.3
10 28	23 45.98	+13 25.0	1.992	2.863	11.5	20.5
256571	2007 TK_{40}		9 25.2	76.°66	0.°5/25.6	17
8 19	0 32.82	+ 6 44.3	1.314	2.159	19.0	20.6
8 29	0 29.27	+ 5 54.2	1.255	2.171	14.8	20.4
9 8	0 23.06	+ 4 41.4	1.215	2.183	9.8	20.2
9 18	0 14.92	+ 3 11.6	1.198	2.195	4.4	19.9
9 28	0 6.04	+ 1 34.2	1.206	2.207	1.4	19.7
10 8	23 57.76	+ 0 0.6	1.239	2.219	6.9	20.1
10 18	23 51.21	− 1 19.1	1.298	2.231	11.8	20.4
10 28	23 47.22	− 2 18.1	1.378	2.242	16.0	20.7
509573	2008 CN_{91}		9 25.2	262.°79	1.°0/24.4	18
8 19	0 33.28	+ 2 1.2	1.539	2.387	16.6	22.1
8 29	0 29.57	+ 1 19.6	1.455	2.375	12.8	21.8
9 8	0 23.33	+ 0 21.6	1.392	2.363	8.4	21.6
9 18	0 15.12	− 0 48.2	1.352	2.351	3.5	21.2
9 28	0 5.92	− 2 1.9	1.338	2.338	2.2	21.1
10 8	23 56.97	− 3 10.6	1.351	2.325	7.2	21.4
10 18	23 49.44	− 4 6.1	1.389	2.312	12.0	21.7
10 28	23 44.26	− 4 42.7	1.450	2.299	16.2	21.9
451822	2013 HY_{116}		9 25.2	24.°64	1.°1/24.1	17
8 19	0 30.24	− 0 2.5	1.798	2.648	14.5	21.4
8 29	0 26.61	− 0 30.2	1.734	2.656	11.0	21.2
9 8	0 21.00	− 1 8.1	1.691	2.664	7.1	21.0
9 18	0 13.98	− 1 51.9	1.674	2.673	2.9	20.8
9 28	0 6.40	− 2 35.9	1.683	2.682	2.1	20.7
10 8	23 59.22	− 3 14.1	1.719	2.692	6.1	21.0
10 18	23 53.29	− 3 41.5	1.782	2.702	9.9	21.3
10 28	23 49.26	− 3 55.0	1.867	2.713	13.3	21.5
408298	2013 GH_{20}		9 25.2	53.°21	1.°2/24.0	18
8 19	0 30.97	− 0 4.0	1.985	2.828	13.6	20.7
8 29	0 26.93	− 0 37.9	1.923	2.842	10.3	20.5
9 8	0 21.08	− 1 21.1	1.885	2.856	6.6	20.4
9 18	0 13.98	− 2 9.5	1.872	2.871	2.7	20.1
9 28	0 6.41	− 2 57.4	1.887	2.885	2.0	20.1
10 8	23 59.24	− 3 39.4	1.930	2.900	5.7	20.4
10 18	23 53.24	− 4 10.9	1.999	2.915	9.3	20.6
10 28	23 48.99	− 4 28.9	2.092	2.931	12.4	20.9
513183	2005 EK_{16}		9 25.2	174.°47	1.°3/23.8	18
8 19	0 31.56	+ 0 34.2	2.101	2.938	13.2	22.2
8 29	0 27.42	− 0 16.4	2.024	2.939	10.0	22.0
9 8	0 21.45	− 1 17.9	1.970	2.941	6.5	21.8
9 18	0 14.17	− 2 25.9	1.943	2.942	2.7	21.6
9 28	0 6.32	− 3 34.1	1.944	2.942	2.2	21.5
10 8	23 58.77	− 4 36.2	1.974	2.943	5.9	21.8
10 18	23 52.28	− 5 26.8	2.031	2.943	9.5	22.0
10 28	23 47.51	− 6 2.2	2.113	2.942	12.6	22.2
318464	2005 EH_{29}		9 25.2	129.°47	0.°4/24.9	17
8 19	0 33.25	+ 4 34.1	1.537	2.378	17.0	21.1
8 29	0 29.31	+ 3 40.0	1.469	2.385	13.1	20.9
9 8	0 22.97	+ 2 27.4	1.422	2.391	8.6	20.6
9 18	0 14.88	+ 1 1.6	1.399	2.397	3.6	20.4
9 28	0 6.06	− 0 28.7	1.402	2.403	1.7	20.2
10 8	23 57.69	− 1 54.0	1.433	2.409	6.7	20.6
10 18	23 50.83	− 3 5.7	1.489	2.414	11.2	20.9
10 28	23 46.26	− 3 58.1	1.568	2.419	15.2	21.1
176134	2001 FA_{19}		9 25.2	164.°43	0.°5/25.7	18
8 19	0 37.44	+ 4 14.3	1.827	2.649	15.4	20.7
8 29	0 32.20	+ 3 59.7	1.750	2.654	12.0	20.5
9 8	0 24.72	+ 3 31.7	1.695	2.658	8.0	20.2
9 18	0 15.60	+ 2 52.9	1.666	2.662	3.6	20.0
9 28	0 5.78	+ 2 8.4	1.664	2.665	1.2	19.8
10 8	23 56.33	+ 1 24.3	1.691	2.668	5.7	20.1
10 18	23 48.23	+ 0 46.4	1.744	2.670	9.8	20.4
10 28	23 42.26	+ 0 19.4	1.822	2.671	13.5	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
238313	2003 YG_{53}		9 25.2	291.°84	1.°7/26.7	18
	h m	° ′			°	m
8 19	0 31.58	+ 7 26.3	1.804	2.627	15.6	21.3
8 29	0 28.00	+ 7 17.0	1.707	2.608	12.4	21.1
9 8	0 22.19	+ 6 50.9	1.630	2.589	8.6	20.8
9 18	0 14.62	+ 6 9.8	1.577	2.570	4.4	20.5
9 28	0 6.12	+ 5 17.6	1.551	2.551	1.8	20.3
10 8	23 57.73	+ 4 20.7	1.552	2.532	5.6	20.5
10 18	23 50.49	+ 3 26.1	1.579	2.513	10.0	20.7
10 28	23 45.28	+ 2 40.7	1.630	2.494	13.9	20.9
68107	2000 YG_{132}		9 25.2	286.°48	0.°3/25.5	18
8 19	0 33.51	+ 3 26.3	1.739	2.574	15.5	19.5
8 29	0 29.44	+ 3 15.2	1.653	2.565	12.1	19.3
9 8	0 23.08	+ 2 50.6	1.589	2.555	8.1	19.0
9 18	0 14.97	+ 2 15.3	1.549	2.546	3.6	18.7
9 28	0 6.00	+ 1 34.1	1.535	2.537	1.2	18.5
10 8	23 57.29	+ 0 53.3	1.549	2.527	5.9	18.8
10 18	23 49.84	+ 0 19.1	1.589	2.518	10.4	19.1
10 28	23 44.52	− 0 3.6	1.653	2.509	14.2	19.3
399680	2004 TP_{21}		9 25.2	353.°12	4.°0/29.1	17
8 19	0 29.82	+13 1.6	1.830	2.631	16.2	21.0
8 29	0 26.51	+13 17.8	1.747	2.627	13.3	20.8
9 8	0 21.10	+13 15.2	1.683	2.624	9.9	20.6
9 18	0 14.10	+12 53.9	1.643	2.621	6.3	20.4
9 28	0 6.35	+12 16.3	1.628	2.619	4.1	20.2
10 8	23 58.84	+11 27.6	1.640	2.618	5.6	20.3
10 18	23 52.52	+10 34.4	1.677	2.617	9.1	20.5
10 28	23 48.16	+ 9 43.9	1.739	2.617	12.5	20.7
303262	2004 RJ_{84}		9 25.2	195.°83	12.°4/27.2	13 C
8 19	1 24.12	+11 18.4	0.605	1.431	36.6	19.8
8 29	1 15.17	+13 50.1	0.541	1.434	31.0	19.4
9 8	0 57.84	+16 11.4	0.487	1.433	23.9	18.9
9 18	0 31.66	+18 3.3	0.448	1.427	16.2	18.5
9 28	23 59.15	+19 1.4	0.429	1.417	12.4	18.3
10 8	23 26.19	+18 56.0	0.432	1.402	17.7	18.4
10 18	22 58.96	+18 3.9	0.454	1.382	26.3	18.8
10 28	22 40.84	+16 57.9	0.490	1.359	34.3	19.1
427921	2005 UK_{406}		9 25.2	266.°65	0.°8/24.0	16
8 19	0 26.64	− 0 4.7	3.362	4.188	8.9	22.4
8 29	0 23.07	− 0 37.2	3.263	4.173	6.8	22.3
9 8	0 18.35	− 1 16.1	3.189	4.157	4.4	22.1
9 18	0 12.80	− 1 59.0	3.143	4.141	1.8	21.9
9 28	0 6.87	− 2 42.6	3.127	4.125	1.3	21.8
10 8	0 1.03	− 3 23.4	3.140	4.109	3.9	22.0
10 18	23 55.77	− 3 58.5	3.183	4.093	6.5	22.2
10 28	23 51.52	− 4 25.1	3.252	4.076	8.7	22.3
479556	2014 CK		9 25.2	224.°30	4.°7/30.3	18
8 19	0 32.08	+17 28.5	2.037	2.803	15.9	21.7
8 29	0 28.12	+17 24.5	1.943	2.797	13.3	21.5
9 8	0 22.11	+16 58.9	1.867	2.790	10.2	21.3
9 18	0 14.53	+16 11.1	1.815	2.782	7.0	21.1
9 28	0 6.19	+15 3.6	1.790	2.774	4.8	21.0
10 8	23 58.05	+13 42.1	1.792	2.766	5.7	21.0
10 18	23 51.02	+12 14.3	1.822	2.758	8.7	21.2
10 28	23 45.86	+10 48.5	1.877	2.749	12.0	21.4
363726	2004 VM_{130}		9 25.2	316.°49	4.°1/30.0	18
8 19	0 28.46	+15 59.3	2.180	2.956	14.7	20.5
8 29	0 25.17	+15 55.4	2.087	2.949	12.2	20.3
9 8	0 20.08	+15 32.2	2.013	2.942	9.2	20.1
9 18	0 13.64	+14 50.0	1.964	2.935	6.2	19.9
9 28	0 6.55	+13 51.2	1.941	2.928	4.2	19.7
10 8	23 59.64	+12 40.9	1.945	2.921	5.2	19.8
10 18	23 53.71	+11 25.8	1.977	2.915	8.0	20.0
10 28	23 49.43	+10 13.0	2.035	2.909	11.1	20.2
77093	2001 DS_{47}		9 25.2	242.°77	1.°4/26.5	18
8 19	0 33.07	+ 7 50.4	1.603	2.430	17.0	20.4
8 29	0 29.31	+ 7 23.5	1.519	2.423	13.5	20.1
9 8	0 23.11	+ 6 36.4	1.454	2.415	9.3	19.8
9 18	0 15.02	+ 5 31.8	1.413	2.407	4.6	19.6
9 28	0 6.01	+ 4 15.5	1.398	2.398	1.6	19.3
10 8	23 57.27	+ 2 56.2	1.410	2.390	6.1	19.6
10 18	23 49.91	+ 1 42.8	1.448	2.381	10.8	19.9
10 28	23 44.83	+ 0 42.9	1.509	2.372	14.9	20.1
140837	2001 UP_{192}		9 25.2	347.°19	7.°1/ 1.8	18
8 19	0 31.91	+19 47.0	1.774	2.538	18.0	19.2
8 29	0 28.36	+20 33.6	1.689	2.534	15.4	19.0
9 8	0 22.46	+20 58.0	1.622	2.530	12.4	18.8
9 18	0 14.75	+20 57.6	1.576	2.526	9.4	18.6
9 28	0 6.12	+20 32.2	1.554	2.523	7.3	18.5
10 8	23 57.70	+19 45.8	1.558	2.521	7.7	18.5
10 18	23 50.57	+18 45.3	1.586	2.519	10.0	18.7
10 28	23 45.61	+17 39.4	1.639	2.518	13.1	18.8

393764 2005 GS_{87} 9 25.2 146.°34 3.°0/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.95	− 5 28.3	2.100	2.948	12.7	21.8
8 29	0 28.44	− 6 18.1	2.031	2.953	9.7	21.6
9 8	0 22.09	− 7 13.7	1.987	2.958	6.3	21.4
9 18	0 14.45	− 8 9.7	1.968	2.963	3.4	21.3
9 28	0 6.29	− 9 0.1	1.978	2.967	3.8	21.3
10 8	23 58.47	− 9 39.5	2.016	2.971	6.9	21.5
10 18	23 51.77	−10 4.0	2.081	2.975	10.1	21.7
10 28	23 46.83	−10 11.9	2.169	2.978	13.0	21.9

153274 2001 CU_{49} 9 25.2 82.°74 1.°3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.76	+ 5 48.1	2.407	3.209	12.7	19.7
8 29	0 30.23	+ 5 54.4	2.343	3.233	9.9	19.5
9 8	0 23.07	+ 5 50.2	2.302	3.257	6.7	19.4
9 18	0 14.81	+ 5 37.3	2.288	3.280	3.4	19.2
9 28	0 6.17	+ 5 18.4	2.303	3.303	1.4	19.1
10 8	23 57.92	+ 4 57.2	2.348	3.326	4.2	19.3
10 18	23 50.74	+ 4 37.5	2.422	3.348	7.4	19.6
10 28	23 45.18	+ 4 22.6	2.522	3.371	10.2	19.8

80680 2000 BW_{29} 9 25.2 209.°11 1.°2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.81	+ 0 11.2	1.787	2.627	15.0	20.2
8 29	0 31.08	− 0 20.3	1.707	2.623	11.6	20.0
9 8	0 24.09	− 1 3.3	1.648	2.618	7.5	19.7
9 18	0 15.40	− 1 53.5	1.615	2.613	3.1	19.4
9 28	0 5.92	− 2 44.8	1.609	2.608	2.2	19.4
10 8	23 56.76	− 3 30.3	1.631	2.602	6.5	19.6
10 18	23 48.90	− 4 4.6	1.679	2.595	10.7	19.9
10 28	23 43.16	− 4 23.7	1.751	2.589	14.4	20.1

490958 2011 DC_{20} 9 25.2 270.°83 0.°1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.64	+ 2 10.8	2.608	3.428	11.4	22.3
8 29	0 27.31	+ 1 53.7	2.502	3.406	8.8	22.1
9 8	0 21.36	+ 1 27.6	2.419	3.383	5.8	21.8
9 18	0 14.19	+ 0 54.7	2.363	3.360	2.5	21.6
9 28	0 6.38	+ 0 18.6	2.336	3.337	1.0	21.4
10 8	23 58.64	− 0 16.6	2.339	3.313	4.6	21.6
10 18	23 51.68	− 0 46.9	2.370	3.289	7.9	21.8
10 28	23 46.12	− 1 8.7	2.427	3.264	10.9	22.0

170378 2003 SD_{272} 9 25.2 291.°85 3.°5/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.99	− 1 1.3	1.706	2.565	14.7	19.5
8 29	0 25.19	− 3 1.7	1.629	2.559	11.1	19.3
9 8	0 20.27	− 5 18.8	1.576	2.553	7.1	19.0
9 18	0 13.78	− 7 43.4	1.550	2.546	3.8	18.8
9 28	0 6.55	−10 3.7	1.552	2.540	4.9	18.9
10 8	23 59.60	−12 8.0	1.582	2.534	8.7	19.1
10 18	23 53.86	−13 47.7	1.638	2.528	12.6	19.3
10 28	23 50.09	−14 58.3	1.716	2.522	16.0	19.6

344793 2003 YT_{103} 9 25.2 205.°90 11.°0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.90	−35 1.3	2.333	3.147	12.8	20.9
8 29	0 33.14	−36 32.1	2.291	3.142	11.6	20.8
9 8	0 25.23	−37 48.0	2.272	3.138	11.1	20.8
9 18	0 15.80	−38 41.1	2.275	3.132	11.3	20.8
9 28	0 5.81	−39 5.3	2.302	3.126	12.2	20.8
10 8	23 56.30	−38 58.5	2.350	3.120	13.5	20.9
10 18	23 48.20	−38 21.8	2.418	3.113	14.9	21.0
10 28	23 42.20	−37 18.8	2.502	3.106	16.3	21.1

288197 2003 XX_{40} 9 25.2 354.°80 4.°0/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.12	− 7 44.7	1.759	2.618	14.3	20.4
8 29	0 29.73	− 8 27.2	1.691	2.618	10.9	20.2
9 8	0 23.14	− 9 14.2	1.645	2.617	7.3	20.0
9 18	0 14.96	− 9 59.6	1.625	2.617	4.4	19.8
9 28	0 6.12	−10 36.5	1.631	2.617	4.9	19.9
10 8	23 57.68	−10 59.0	1.664	2.617	8.2	20.1
10 18	23 50.59	−11 3.9	1.722	2.617	11.8	20.3
10 28	23 45.59	−10 49.9	1.802	2.617	15.0	20.5

48560 1993 UX_2 9 25.2 322.°87 9.°5/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.51	−18 31.7	1.534	2.414	14.9	18.2
8 29	0 26.75	−20 18.2	1.469	2.397	12.2	18.0
9 8	0 21.51	−22 2.9	1.426	2.380	10.1	17.8
9 18	0 14.36	−23 34.4	1.406	2.364	9.6	17.7
9 28	0 6.33	−24 41.2	1.410	2.348	11.1	17.8
10 8	23 58.63	−25 16.0	1.437	2.333	13.9	17.9
10 18	23 52.38	−25 16.2	1.484	2.318	16.9	18.1
10 28	23 48.48	−24 43.1	1.548	2.305	19.6	18.2

310909 2003 SL_{58} 9 25.2 89.°96 6.°7/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.74	+23 58.0	2.436	3.144	15.0	20.3
8 29	0 29.05	+24 38.5	2.356	3.155	13.0	20.1
9 8	0 22.54	+24 59.6	2.294	3.166	10.7	20.0
9 18	0 14.68	+24 59.3	2.255	3.178	8.5	19.9
9 28	0 6.22	+24 37.9	2.241	3.189	7.0	19.8
10 8	23 58.01	+23 58.1	2.254	3.200	6.9	19.8
10 18	23 50.83	+23 5.0	2.295	3.211	8.3	19.9
10 28	23 45.35	+22 5.1	2.360	3.221	10.3	20.1

41686 2000 UN_{16} 9 25.2 258.°27 2.°0/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.95	+ 7 42.9	1.923	2.734	15.2	18.3
8 29	0 30.45	+ 7 46.3	1.827	2.720	12.1	18.1
9 8	0 23.74	+ 7 35.0	1.751	2.706	8.5	17.9
9 18	0 15.30	+ 7 9.9	1.700	2.691	4.5	17.6
9 28	0 5.96	+ 6 34.1	1.677	2.676	2.1	17.4
10 8	23 56.76	+ 5 52.8	1.681	2.660	5.4	17.6
10 18	23 48.71	+ 5 12.0	1.713	2.645	9.5	17.8
10 28	23 42.64	+ 4 37.6	1.769	2.629	13.2	18.0

237448 1999 TJ_{141} 9 25.2 337.°61 6.°6/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.64	−13 4.9	1.184	2.067	18.2	19.3
8 29	0 33.00	−13 10.9	1.108	2.045	14.4	19.0
9 8	0 26.06	−13 14.1	1.050	2.023	10.3	18.7
9 18	0 16.45	−13 6.5	1.014	2.004	7.0	18.5
9 28	0 5.52	−12 40.0	1.000	1.985	7.5	18.4
10 8	23 54.95	−11 49.7	1.010	1.969	11.5	18.6
10 18	23 46.33	−10 35.2	1.042	1.954	16.2	18.8
10 28	23 40.86	− 8 59.2	1.093	1.941	20.5	19.0

321095 2008 SA_{277} 9 25.2 330.°51 0.°7/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.19	− 0 30.6	4.108	4.936	7.4	21.1
8 29	0 20.22	− 1 3.2	4.021	4.932	5.6	20.9
9 8	0 16.40	− 1 40.6	3.960	4.929	3.6	20.8
9 18	0 11.97	− 2 20.7	3.927	4.925	1.5	20.6
9 28	0 7.28	− 3 0.9	3.924	4.922	1.2	20.6
10 8	0 2.70	− 3 38.5	3.951	4.919	3.2	20.8
10 18	23 58.59	− 4 11.2	4.007	4.916	5.3	20.9
10 28	23 55.26	− 4 37.0	4.090	4.912	7.1	21.0

213442 2002 AD_{23} 9 25.2 240.°82 1.°8/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.77	+ 0 51.6	1.498	2.350	16.7	21.0
8 29	0 29.98	− 0 4.2	1.419	2.342	12.9	20.8
9 8	0 23.62	− 1 16.4	1.360	2.334	8.4	20.5
9 18	0 15.29	− 2 39.0	1.326	2.325	3.5	20.2
9 28	0 5.99	− 4 3.2	1.318	2.316	2.9	20.1
10 8	23 57.01	− 5 18.9	1.336	2.306	7.8	20.4
10 18	23 49.51	− 6 18.1	1.379	2.297	12.5	20.6
10 28	23 44.42	− 6 55.3	1.444	2.287	16.7	20.9

390330 2013 BG_{62} 9 25.2 311.°54 1.°3/22.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.67	− 3 43.2	4.101	4.937	7.3	21.1
8 29	0 20.59	− 4 16.7	4.016	4.932	5.5	20.9
9 8	0 16.63	− 4 53.6	3.956	4.927	3.5	20.8
9 18	0 12.07	− 5 31.8	3.925	4.922	1.7	20.6
9 28	0 7.25	− 6 8.6	3.924	4.917	1.8	20.6
10 8	0 2.53	− 6 41.4	3.952	4.912	3.6	20.8
10 18	23 58.28	− 7 7.9	4.010	4.907	5.6	20.9
10 28	23 54.83	− 7 26.5	4.093	4.902	7.4	21.0

405490 2004 XR_{92} 9 25.2 323.°50 5.°2/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.49	−10 40.4	1.746	2.614	14.0	20.4
8 29	0 28.00	−11 23.2	1.659	2.589	10.9	20.1
9 8	0 22.23	−12 9.1	1.593	2.564	7.6	19.9
9 18	0 14.68	−12 51.5	1.552	2.540	5.3	19.7
9 28	0 6.23	−13 22.9	1.537	2.516	6.2	19.7
10 8	23 57.97	−13 37.2	1.548	2.493	9.4	19.9
10 18	23 50.93	−13 30.7	1.582	2.471	13.1	20.0
10 28	23 45.99	−13 2.3	1.638	2.450	16.4	20.2

84170 2002 RD_{101} 9 25.2 337.°83 2.°7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.11	− 3 56.4	1.220	2.093	18.4	18.6
8 29	0 31.54	− 4 5.1	1.150	2.084	14.2	18.3
9 8	0 24.91	− 4 22.7	1.098	2.075	9.3	18.0
9 18	0 15.91	− 4 43.7	1.068	2.067	4.3	17.7
9 28	0 5.79	− 5 0.8	1.062	2.060	3.7	17.7
10 8	23 56.10	− 5 7.0	1.081	2.053	8.8	17.9
10 18	23 48.26	− 4 57.5	1.122	2.048	13.9	18.2
10 28	23 43.32	− 4 30.0	1.183	2.043	18.4	18.5

115722 2003 UG_{177} 9 25.2 230.°46 6.°1/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.18	−16 9.9	2.282	3.133	11.8	20.2
8 29	0 30.19	−17 15.5	2.206	3.121	9.3	20.0
9 8	0 23.30	−18 19.8	2.155	3.109	7.1	19.9
9 18	0 15.03	−19 16.2	2.129	3.096	6.1	19.8
9 28	0 6.14	−19 58.2	2.132	3.083	7.0	19.8
10 8	23 57.50	−20 21.1	2.162	3.069	9.3	19.9
10 18	23 49.94	−20 22.7	2.216	3.055	11.9	20.1
10 28	23 44.12	−20 3.2	2.293	3.040	14.2	20.2

518314 2017 BM_{65} 9 25.2 248.°71 4.°2/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.05	−11 5.4	2.359	3.211	11.4	21.0
8 29	0 27.64	−11 51.3	2.286	3.207	8.7	20.8
9 8	0 21.54	−12 38.5	2.237	3.203	6.1	20.7
9 18	0 14.25	−13 21.8	2.215	3.199	4.3	20.5
9 28	0 6.46	−13 55.9	2.221	3.195	5.0	20.6
10 8	23 58.93	−14 16.6	2.255	3.191	7.4	20.7
10 18	23 52.39	−14 21.4	2.315	3.187	10.2	20.9
10 28	23 47.43	−14 9.5	2.398	3.183	12.7	21.1

67203 2000 CQ_{124} 9 25.3 155.°73 1.°1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.60	− 1 53.9	3.529	4.359	8.5	20.2
8 29	0 22.92	− 2 27.7	3.450	4.362	6.4	20.1
9 8	0 18.20	− 3 6.5	3.396	4.365	4.1	19.9
9 18	0 12.77	− 3 47.4	3.371	4.368	1.8	19.8
9 28	0 7.03	− 4 27.5	3.375	4.371	1.6	19.8
10 8	0 1.45	− 5 3.7	3.410	4.374	3.9	19.9
10 18	23 56.46	− 5 33.3	3.473	4.376	6.2	20.1
10 28	23 52.44	− 5 54.3	3.562	4.379	8.2	20.2

178823 2001 FP_{176} 9 25.3 110.°17 5.°3/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.18	− 8 17.2	1.670	2.531	14.9	20.2
8 29	0 30.47	− 9 55.4	1.623	2.550	11.3	20.0
9 8	0 23.55	−11 38.3	1.598	2.568	7.7	19.8
9 18	0 15.12	−13 16.7	1.600	2.586	5.4	19.7
9 28	0 6.18	−14 40.7	1.628	2.603	6.4	19.8
10 8	23 57.81	−15 43.0	1.684	2.620	9.5	20.1
10 18	23 50.94	−16 20.2	1.764	2.636	12.8	20.3
10 28	23 46.24	−16 31.7	1.865	2.651	15.7	20.5

161043 2002 GL_{170} 9 25.3 64.°98 2.°1/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.85	− 3 9.5	1.646	2.496	15.6	19.9
8 29	0 31.85	− 3 27.0	1.585	2.507	11.9	19.7
9 8	0 24.53	− 3 51.9	1.546	2.518	7.7	19.5
9 18	0 15.58	− 4 19.8	1.531	2.529	3.4	19.3
9 28	0 6.02	− 4 44.6	1.544	2.541	2.9	19.3
10 8	23 57.00	− 5 1.1	1.583	2.552	7.0	19.5
10 18	23 49.49	− 5 5.5	1.649	2.564	11.0	19.8
10 28	23 44.25	− 4 55.6	1.737	2.575	14.5	20.1

195343 2002 EH_{148} 9 25.3 198.°72 1.°4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.80	− 0 10.8	1.865	2.707	14.4	21.0
8 29	0 29.43	− 0 45.8	1.788	2.706	11.0	20.8
9 8	0 22.95	− 1 31.7	1.733	2.704	7.1	20.6
9 18	0 14.94	− 2 23.9	1.704	2.702	3.0	20.3
9 28	0 6.24	− 3 16.4	1.702	2.701	2.3	20.3
10 8	23 57.86	− 4 2.7	1.728	2.698	6.3	20.5
10 18	23 50.72	− 4 37.6	1.781	2.696	10.3	20.8
10 28	23 45.54	− 4 57.4	1.857	2.693	13.8	21.0

236492 2006 GG_3 9 25.3 42.°00 10.°9/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.15	−23 13.1	1.452	2.323	16.1	19.3
8 29	0 30.83	−24 47.5	1.422	2.338	13.4	19.2
9 8	0 23.92	−26 9.9	1.413	2.353	11.4	19.1
9 18	0 15.29	−27 9.6	1.427	2.369	10.9	19.1
9 28	0 6.18	−27 38.2	1.464	2.386	12.0	19.2
10 8	23 57.87	−27 32.7	1.523	2.403	14.2	19.4
10 18	23 51.39	−26 54.8	1.602	2.421	16.6	19.6
10 28	23 47.41	−25 49.1	1.699	2.439	18.8	19.8

296547 2009 PO_{10} 9 25.3 231.°33 3.°9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.09	+14 34.9	2.358	3.129	13.9	20.4
8 29	0 27.83	+14 48.1	2.266	3.126	11.4	20.3
9 8	0 21.80	+14 45.4	2.195	3.122	8.6	20.1
9 18	0 14.44	+14 26.7	2.148	3.119	5.8	19.9
9 28	0 6.45	+13 53.6	2.128	3.115	3.9	19.8
10 8	23 58.64	+13 10.2	2.137	3.111	5.0	19.8
10 18	23 51.78	+12 21.3	2.174	3.107	7.7	20.0
10 28	23 46.52	+11 32.9	2.236	3.103	10.6	20.2

428474 2007 VT_{31} 9 25.3 326.°25 3.°8/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.81	+ 9 45.6	1.175	2.019	20.9	21.4
8 29	0 29.27	+10 7.2	1.097	2.007	16.9	21.1
9 8	0 23.65	+10 5.6	1.036	1.996	12.2	20.8
9 18	0 15.49	+ 9 40.2	0.995	1.985	7.1	20.5
9 28	0 6.02	+ 8 54.6	0.977	1.975	3.8	20.3
10 8	23 56.80	+ 7 56.9	0.982	1.965	7.3	20.5
10 18	23 49.37	+ 6 57.5	1.010	1.957	12.7	20.7
10 28	23 44.92	+ 6 7.0	1.058	1.949	17.6	21.0

108441 2001 KT_{44} 9 25.3 109.°11 2.°3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.02	+11 51.9	2.144	2.935	14.4	20.1
8 29	0 27.70	+11 19.8	2.073	2.952	11.5	19.9
9 8	0 21.62	+10 29.9	2.024	2.969	8.2	19.8
9 18	0 14.31	+ 9 24.8	2.000	2.985	4.6	19.6
9 28	0 6.53	+ 8 9.0	2.004	3.001	2.3	19.5
10 8	23 59.12	+ 6 49.0	2.037	3.017	4.6	19.6
10 18	23 52.82	+ 5 31.6	2.099	3.032	7.9	19.9
10 28	23 48.23	+ 4 23.0	2.187	3.047	11.1	20.1

505727 2015 AY_{257} 9 25.3 288.°94 0.°9/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.19	+ 1 2.0	1.333	2.190	18.1	21.8
8 29	0 31.59	+ 0 44.1	1.247	2.171	14.2	21.5
9 8	0 25.04	+ 0 10.9	1.180	2.153	9.4	21.1
9 18	0 16.07	− 0 33.7	1.136	2.135	4.0	20.8
9 28	0 5.80	− 1 22.7	1.116	2.117	2.2	20.6
10 8	23 55.72	− 2 7.3	1.122	2.098	7.9	20.9
10 18	23 47.24	− 2 39.7	1.151	2.080	13.3	21.2
10 28	23 41.54	− 2 53.9	1.201	2.063	18.1	21.4

4230 van den Bergh 9 25.3 180.°81 0.°3/24.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.51	+ 1 35.9	3.653	4.471	8.5	18.4
8 29	0 22.85	+ 1 6.4	3.567	4.471	6.5	18.3
9 8	0 18.18	+ 0 30.6	3.506	4.471	4.2	18.2
9 18	0 12.79	− 0 9.3	3.474	4.471	1.7	18.0
9 28	0 7.11	− 0 50.5	3.471	4.471	0.9	17.9
10 8	0 1.56	− 1 29.8	3.499	4.471	3.4	18.1
10 18	23 56.56	− 2 4.6	3.556	4.470	5.7	18.3
10 28	23 52.50	− 2 32.5	3.640	4.469	7.8	18.4

235307 2003 UX_{112} 9 25.3 9.°47 2.°8/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.04	− 2 49.1	1.692	2.550	14.8	20.1
8 29	0 27.49	− 3 47.5	1.623	2.550	11.3	19.9
9 8	0 21.76	− 4 56.3	1.576	2.551	7.3	19.7
9 18	0 14.45	− 6 9.0	1.554	2.552	3.5	19.4
9 28	0 6.48	− 7 17.7	1.559	2.552	3.8	19.5
10 8	23 58.86	− 8 14.5	1.591	2.553	7.6	19.7
10 18	23 52.56	− 8 54.1	1.648	2.554	11.5	19.9
10 28	23 48.31	− 9 13.3	1.727	2.556	15.0	20.2

39171 2000 WE_{145} 9 25.3 289.°49 2.°3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.11	− 1 5.6	2.104	2.952	12.7	19.4
8 29	0 24.85	− 2 24.5	2.027	2.949	9.6	19.2
9 8	0 19.86	− 3 54.7	1.973	2.947	6.2	19.0
9 18	0 13.61	− 5 30.1	1.947	2.944	2.9	18.8
9 28	0 6.79	− 7 3.3	1.949	2.942	3.2	18.8
10 8	0 0.23	− 8 26.9	1.980	2.939	6.6	19.0
10 18	23 54.66	− 9 35.0	2.037	2.937	10.0	19.2
10 28	23 50.70	−10 23.7	2.118	2.935	13.0	19.4

279129 2009 QU_{29} 9 25.3 352.°90 0.°4/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.91	+ 3 8.6	1.107	1.983	19.8	19.9
8 29	0 26.15	+ 2 43.8	1.042	1.976	15.4	19.6
9 8	0 21.46	+ 1 58.7	0.994	1.971	10.2	19.3
9 18	0 14.49	+ 0 58.1	0.967	1.967	4.3	19.0
9 28	0 6.47	− 0 9.1	0.963	1.964	1.9	18.8
10 8	23 58.89	− 1 11.8	0.982	1.962	7.9	19.2
10 18	23 53.11	− 2 0.3	1.022	1.962	13.4	19.5
10 28	23 50.14	− 2 28.0	1.083	1.963	18.2	19.8

147202 2002 VB_{119} 9 25.3 284.°28 2.°3/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.63	− 3 4.9	1.526	2.381	16.3	19.8
8 29	0 32.19	− 3 25.2	1.447	2.371	12.6	19.5
9 8	0 25.10	− 3 54.6	1.388	2.361	8.2	19.3
9 18	0 15.99	− 4 28.3	1.353	2.352	3.7	19.0
9 28	0 5.90	− 4 59.4	1.345	2.342	3.3	18.9
10 8	23 56.14	− 5 21.4	1.363	2.332	7.8	19.2
10 18	23 47.89	− 5 29.3	1.406	2.323	12.4	19.4
10 28	23 42.12	− 5 20.2	1.470	2.313	16.4	19.6

245402 2005 GQ_{184} 9 25.3 182.°92 1.°0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.67	+ 0 12.3	2.107	2.941	13.2	21.7
8 29	0 29.08	− 0 18.4	2.028	2.941	10.1	21.5
9 8	0 22.63	− 0 58.8	1.972	2.941	6.6	21.3
9 18	0 14.80	− 1 45.1	1.943	2.941	2.7	21.1
9 28	0 6.39	− 2 32.1	1.941	2.940	1.9	21.0
10 8	23 58.26	− 3 14.4	1.969	2.939	5.6	21.3
10 18	23 51.22	− 3 47.2	2.023	2.938	9.3	21.5
10 28	23 45.94	− 4 7.2	2.103	2.937	12.5	21.7

91907 Shiho 9 25.3 255.°34 4.°9/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.99	−14 9.7	2.593	3.442	10.6	20.0
8 29	0 28.34	−15 2.1	2.508	3.424	8.3	19.8
9 8	0 22.05	−15 54.5	2.447	3.406	6.1	19.7
9 18	0 14.55	−16 41.6	2.413	3.388	4.9	19.6
9 28	0 6.48	−17 18.1	2.408	3.369	5.7	19.6
10 8	23 58.58	−17 39.8	2.431	3.350	7.9	19.7
10 18	23 51.55	−17 44.2	2.480	3.331	10.3	19.8
10 28	23 46.01	−17 30.9	2.551	3.311	12.7	20.0

143057 2002 WO_8 9 25.3 271.°04 0.°7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.53	+ 6 0.3	2.036	2.858	14.0	20.2
8 29	0 26.90	+ 5 30.1	1.942	2.846	11.0	20.0
9 8	0 21.34	+ 4 44.6	1.871	2.833	7.4	19.8
9 18	0 14.31	+ 3 46.8	1.825	2.820	3.5	19.5
9 28	0 6.56	+ 2 41.4	1.806	2.807	1.1	19.3
10 8	23 58.98	+ 1 34.9	1.816	2.794	5.2	19.6
10 18	23 52.42	+ 0 33.9	1.853	2.781	9.1	19.8
10 28	23 47.62	− 0 16.0	1.914	2.768	12.7	20.0

438151 2005 SW_{138} 9 25.3 327.°47 1.°6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.15	− 1 43.0	1.904	2.751	13.9	21.3
8 29	0 28.17	− 2 6.7	1.825	2.745	10.6	21.1
9 8	0 22.15	− 2 39.0	1.767	2.740	6.9	20.8
9 18	0 14.64	− 3 15.9	1.736	2.734	3.0	20.6
9 28	0 6.45	− 3 52.1	1.731	2.729	2.4	20.5
10 8	23 58.54	− 4 21.9	1.754	2.724	6.3	20.8
10 18	23 51.79	− 4 41.0	1.803	2.719	10.1	21.0
10 28	23 46.93	− 4 46.2	1.876	2.715	13.5	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
441781	2009 DA_{55}		9 25.3	130.°56	0.°2/25.0	18
	h m	° ′			°	m
8 19	0 34.03	+ 2 10.2	2.120	2.947	13.4	22.4
8 29	0 29.30	+ 1 50.2	2.046	2.954	10.3	22.2
9 8	0 22.72	+ 1 19.8	1.996	2.961	6.8	22.0
9 18	0 14.83	+ 0 42.3	1.971	2.968	2.9	21.7
9 28	0 6.40	+ 0 2.1	1.975	2.975	1.2	21.6
10 8	23 58.31	− 0 35.7	2.007	2.982	5.1	21.9
10 18	23 51.33	− 1 6.5	2.067	2.988	8.8	22.2
10 28	23 46.10	− 1 26.7	2.152	2.994	11.9	22.4
270263	2001 UF_{139}		9 25.3	289.°09	2.°8/21.9	18
8 19	0 31.35	− 7 25.3	2.550	3.396	10.8	20.3
8 29	0 27.02	− 7 54.7	2.469	3.389	8.3	20.1
9 8	0 21.14	− 8 27.2	2.412	3.382	5.5	19.9
9 18	0 14.14	− 8 59.0	2.382	3.375	3.1	19.7
9 28	0 6.66	− 9 25.5	2.381	3.368	3.5	19.8
10 8	23 59.39	− 9 43.1	2.408	3.361	6.1	19.9
10 18	23 52.99	− 9 49.1	2.463	3.354	8.9	20.1
10 28	23 48.03	− 9 41.9	2.542	3.347	11.4	20.3
206624	2003 WR_{142}		9 25.3	312.°88	3.°0/22.7	18
8 19	0 33.37	− 4 47.7	1.711	2.569	14.7	20.2
8 29	0 29.33	− 5 23.7	1.635	2.562	11.3	20.0
9 8	0 23.04	− 6 7.1	1.581	2.555	7.4	19.8
9 18	0 15.06	− 6 52.5	1.552	2.549	3.7	19.5
9 28	0 6.31	− 7 33.1	1.549	2.542	3.9	19.5
10 8	23 57.88	− 8 2.4	1.573	2.536	7.7	19.8
10 18	23 50.78	− 8 16.0	1.623	2.530	11.7	20.0
10 28	23 45.80	− 8 11.7	1.694	2.524	15.2	20.2
160892	2001 RN_{112}		9 25.3	215.°56	1.°0/24.3	17
8 19	0 33.59	+ 1 44.1	1.797	2.636	15.0	20.7
8 29	0 29.41	+ 1 1.3	1.716	2.631	11.5	20.5
9 8	0 23.05	+ 0 4.9	1.657	2.627	7.5	20.2
9 18	0 15.06	− 1 0.7	1.623	2.622	3.1	20.0
9 28	0 6.31	− 2 8.8	1.617	2.616	2.0	19.9
10 8	23 57.84	− 3 11.7	1.638	2.610	6.4	20.1
10 18	23 50.62	− 4 3.1	1.686	2.604	10.6	20.4
10 28	23 45.44	− 4 38.2	1.757	2.597	14.2	20.6
331770	2003 BP_{53}		9 25.3	227.°54	0.°9/26.0	18
8 19	0 35.28	+ 5 14.1	1.808	2.632	15.5	21.4
8 29	0 30.77	+ 5 2.3	1.722	2.626	12.2	21.2
9 8	0 23.98	+ 4 35.9	1.657	2.619	8.2	21.0
9 18	0 15.48	+ 3 57.3	1.617	2.612	3.9	20.7
9 28	0 6.14	+ 3 11.0	1.604	2.605	1.3	20.5
10 8	23 57.06	+ 2 23.3	1.619	2.597	5.6	20.8
10 18	23 49.23	+ 1 40.6	1.660	2.589	10.0	21.0
10 28	23 43.49	+ 1 8.3	1.726	2.581	13.8	21.2
394180	2006 RT_{59}		9 25.3	50.°92	0.°9/24.5	18
8 19	0 33.17	+ 0 25.0	1.822	2.665	14.6	21.3
8 29	0 28.92	+ 0 2.9	1.754	2.671	11.2	21.0
9 8	0 22.61	− 0 29.5	1.708	2.678	7.3	20.8
9 18	0 14.82	− 1 8.3	1.686	2.685	3.0	20.6
9 28	0 6.42	− 1 48.2	1.692	2.692	1.8	20.5
10 8	23 58.42	− 2 23.3	1.725	2.699	6.0	20.8
10 18	23 51.69	− 2 48.8	1.785	2.706	9.9	21.1
10 28	23 46.94	− 3 1.3	1.868	2.714	13.3	21.3
76144	2000 EK_{14}		9 25.3	189.°29	0.°6/24.6	18
8 19	0 31.84	+ 2 10.0	2.267	3.094	12.6	20.3
8 29	0 27.58	+ 1 29.5	2.184	3.093	9.7	20.1
9 8	0 21.60	+ 0 37.9	2.125	3.092	6.3	19.9
9 18	0 14.37	− 0 21.0	2.093	3.091	2.6	19.6
9 28	0 6.58	− 1 22.3	2.089	3.089	1.5	19.5
10 8	23 59.04	− 2 20.0	2.114	3.087	5.2	19.8
10 18	23 52.47	− 3 9.1	2.168	3.084	8.7	20.0
10 28	23 47.51	− 3 45.8	2.246	3.081	11.7	20.2
396777	2004 BZ_{42}		9 25.3	178.°48	1.°2/23.7	18
8 19	0 31.11	+ 0 25.1	2.536	3.365	11.4	21.7
8 29	0 26.82	− 0 29.4	2.455	3.366	8.7	21.5
9 8	0 20.99	− 1 33.2	2.399	3.368	5.6	21.3
9 18	0 14.08	− 2 42.3	2.370	3.368	2.4	21.1
9 28	0 6.69	− 3 51.5	2.371	3.368	1.9	21.0
10 8	23 59.54	− 4 55.3	2.402	3.368	5.1	21.3
10 18	23 53.25	− 5 49.1	2.461	3.367	8.2	21.5
10 28	23 48.39	− 6 29.7	2.545	3.366	11.0	21.7
476821	2008 UA_{243}		9 25.3	266.°55	8.°6/ 4.3	16
8 19	0 33.03	+26 30.1	2.014	2.722	17.8	21.7
8 29	0 29.26	+27 7.8	1.909	2.706	15.7	21.5
9 8	0 23.17	+27 21.2	1.822	2.689	13.3	21.3
9 18	0 15.21	+27 6.4	1.754	2.672	10.9	21.1
9 28	0 6.23	+26 21.7	1.711	2.655	9.0	21.0
10 8	23 57.30	+25 10.2	1.692	2.637	8.8	20.9
10 18	23 49.51	+23 38.3	1.699	2.620	10.3	21.0
10 28	23 43.79	+21 56.0	1.730	2.602	12.9	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
324161	2005 YH_{205}		9 25.3	257.°33	4.°3/19.9	18
	h m	° ′			°	m
8 19	0 29.63	− 9 38.4	2.321	3.177	11.4	20.8
8 29	0 25.89	−10 47.1	2.246	3.171	8.7	20.7
9 8	0 20.49	−11 59.2	2.196	3.165	6.0	20.5
9 18	0 13.90	−13 8.9	2.173	3.159	4.3	20.4
9 28	0 6.77	−14 9.9	2.179	3.152	5.2	20.4
10 8	23 59.88	−14 56.7	2.211	3.146	7.7	20.6
10 18	23 53.92	−15 26.0	2.270	3.140	10.4	20.7
10 28	23 49.50	−15 36.2	2.351	3.133	13.0	20.9
201141	2002 JL_{103}		9 25.3	138.°39	1.°6/23.6	18
8 19	0 33.26	− 0 28.2	1.970	2.810	13.8	20.7
8 29	0 28.84	− 1 15.3	1.901	2.818	10.5	20.5
9 8	0 22.48	− 2 12.6	1.854	2.825	6.7	20.3
9 18	0 14.75	− 3 15.2	1.833	2.831	2.9	20.1
9 28	0 6.46	− 4 16.9	1.841	2.838	2.5	20.1
10 8	23 58.54	− 5 11.1	1.876	2.844	6.2	20.3
10 18	23 51.79	− 5 52.8	1.939	2.849	9.9	20.6
10 28	23 46.89	− 6 18.8	2.025	2.855	13.1	20.8
191511	2003 UT_{86}		9 25.3	338.°86	3.°1/21.6	18
8 19	0 28.88	− 5 49.0	2.206	3.061	12.0	19.7
8 29	0 25.36	− 6 45.3	2.133	3.058	9.1	19.5
9 8	0 20.17	− 7 47.5	2.083	3.055	6.0	19.3
9 18	0 13.76	− 8 50.3	2.059	3.053	3.4	19.1
9 28	0 6.83	− 9 47.6	2.064	3.051	4.0	19.2
10 8	0 0.16	−10 33.8	2.096	3.048	6.8	19.3
10 18	23 54.46	−11 5.0	2.154	3.046	9.9	19.5
10 28	23 50.33	−11 19.1	2.236	3.045	12.7	19.7
485307	2011 AB_{67}		9 25.3	313.°29	5.°9/18.1	17
8 19	0 29.19	−13 51.0	2.116	2.981	12.0	21.6
8 29	0 25.75	−15 11.4	2.047	2.972	9.4	21.4
9 8	0 20.50	−16 32.8	2.002	2.964	7.0	21.3
9 18	0 13.93	−17 47.7	1.983	2.956	5.9	21.2
9 28	0 6.77	−18 49.0	1.991	2.948	7.0	21.3
10 8	23 59.88	−19 31.0	2.025	2.940	9.4	21.4
10 18	23 54.02	−19 50.8	2.083	2.933	12.1	21.6
10 28	23 49.85	−19 47.7	2.162	2.926	14.5	21.7
322130	2010 VC_{182}		9 25.3	200.°92	1.°6/27.4	18
8 19	0 30.09	+ 9 11.9	2.610	3.406	12.0	21.5
8 29	0 26.07	+ 8 52.9	2.519	3.403	9.6	21.3
9 8	0 20.54	+ 8 20.9	2.451	3.401	6.7	21.1
9 18	0 13.92	+ 7 37.6	2.409	3.398	3.6	20.9
9 28	0 6.79	+ 6 46.1	2.396	3.395	1.6	20.8
10 8	23 59.85	+ 5 51.0	2.412	3.391	4.0	20.9
10 18	23 53.73	+ 4 57.1	2.457	3.387	7.1	21.1
10 28	23 48.99	+ 4 8.9	2.528	3.383	9.9	21.3
242857	2006 FK_{53}		9 25.3	128.°67	1.°1/26.4	18
8 19	0 32.69	+ 7 3.1	1.915	2.733	15.0	21.0
8 29	0 28.52	+ 6 37.5	1.839	2.739	11.7	20.8
9 8	0 22.36	+ 5 56.0	1.785	2.745	8.0	20.6
9 18	0 14.74	+ 5 1.6	1.756	2.750	3.9	20.4
9 28	0 6.51	+ 3 59.4	1.755	2.756	1.3	20.2
10 8	23 58.61	+ 2 56.0	1.782	2.761	5.1	20.5
10 18	23 51.92	+ 1 57.9	1.836	2.766	9.1	20.7
10 28	23 47.11	+ 1 10.7	1.914	2.771	12.5	21.0
261626	2005 YL_{27}		9 25.3	169.°78	2.°6/21.9	18
8 19	0 30.76	− 5 48.8	2.556	3.400	10.9	21.3
8 29	0 26.54	− 6 35.4	2.482	3.402	8.2	21.1
9 8	0 20.81	− 7 26.6	2.433	3.403	5.4	20.9
9 18	0 14.02	− 8 18.0	2.411	3.405	3.0	20.8
9 28	0 6.80	− 9 4.8	2.418	3.406	3.4	20.8
10 8	23 59.81	− 9 42.6	2.454	3.407	6.0	21.0
10 18	23 53.71	−10 8.0	2.517	3.408	8.8	21.2
10 28	23 49.01	−10 19.3	2.605	3.408	11.3	21.3
319270	2006 BA_{42}		9 25.3	113.°83	1.°5/27.1	18
8 19	0 31.41	+ 7 55.7	2.517	3.318	12.3	21.4
8 29	0 27.05	+ 7 44.9	2.440	3.328	9.7	21.3
9 8	0 21.15	+ 7 22.0	2.385	3.337	6.7	21.1
9 18	0 14.17	+ 6 48.9	2.356	3.347	3.5	20.9
9 28	0 6.74	+ 6 8.7	2.357	3.356	1.5	20.8
10 8	23 59.58	+ 5 25.8	2.386	3.365	4.0	21.0
10 18	23 53.31	+ 4 44.5	2.444	3.374	7.1	21.2
10 28	23 48.51	+ 4 9.0	2.528	3.382	9.9	21.4
278255	2007 EF_{203}		9 25.3	216.°09	1.°6/23.8	16
8 19	0 35.17	− 0 44.4	1.916	2.754	14.2	22.2
8 29	0 30.53	− 1 23.0	1.832	2.748	10.9	22.0
9 8	0 23.75	− 2 12.1	1.771	2.741	7.1	21.8
9 18	0 15.39	− 3 7.4	1.736	2.734	3.0	21.5
9 28	0 6.27	− 4 2.6	1.728	2.726	2.5	21.4
10 8	23 57.42	− 4 51.2	1.749	2.718	6.5	21.7
10 18	23 49.76	− 5 27.8	1.797	2.709	10.5	21.9
10 28	23 44.07	− 5 48.6	1.868	2.699	13.9	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
79547	1998 QS_{42}		9 25.3	41.°33	0.°7/25.9	18
	h m	° ′			°	m
8 19	0 29.96	+ 7 36.3	1.185	2.039	20.1	18.3
8 29	0 27.31	+ 6 43.6	1.134	2.055	15.6	18.1
9 8	0 21.94	+ 5 26.0	1.102	2.071	10.4	17.9
9 18	0 14.62	+ 3 49.8	1.091	2.088	4.7	17.6
9 28	0 6.60	+ 2 5.6	1.105	2.106	1.4	17.4
10 8	23 59.26	+ 0 26.1	1.144	2.125	6.9	17.8
10 18	23 53.72	− 0 58.1	1.206	2.144	12.0	18.2
10 28	23 50.77	− 1 59.6	1.290	2.163	16.3	18.5
112019	2002 GL_{168}		9 25.3	241.°54	1.°4/26.3	17
8 19	0 37.28	+ 5 23.4	1.458	2.292	18.0	20.5
8 29	0 32.81	+ 5 27.6	1.381	2.289	14.2	20.2
9 8	0 25.60	+ 5 15.5	1.324	2.287	9.7	19.9
9 18	0 16.28	+ 4 48.9	1.289	2.284	4.7	19.7
9 28	0 5.96	+ 4 12.5	1.281	2.281	1.7	19.4
10 8	23 56.00	+ 3 33.3	1.298	2.279	6.4	19.7
10 18	23 47.65	+ 2 58.3	1.341	2.276	11.3	20.0
10 28	23 41.90	+ 2 33.9	1.406	2.273	15.6	20.3
146003	2000 CT_{52}		9 25.3	263.°42	1.°0/26.1	18
8 19	0 33.99	+ 6 4.5	1.682	2.510	16.3	20.2
8 29	0 30.07	+ 5 45.5	1.589	2.495	12.9	19.9
9 8	0 23.73	+ 5 9.1	1.517	2.479	8.8	19.7
9 18	0 15.48	+ 4 17.7	1.468	2.463	4.2	19.4
9 28	0 6.23	+ 3 16.5	1.446	2.447	1.4	19.1
10 8	23 57.14	+ 2 13.0	1.451	2.431	6.0	19.4
10 18	23 49.32	+ 1 14.8	1.482	2.414	10.7	19.6
10 28	23 43.71	+ 0 29.0	1.537	2.397	14.9	19.9
480088	2015 DT_{221}		9 25.3	217.°77	0.°7/25.9	16
8 19	0 37.03	+ 4 8.5	1.635	2.466	16.5	21.7
8 29	0 32.32	+ 4 4.6	1.555	2.463	13.0	21.5
9 8	0 25.13	+ 3 46.4	1.495	2.460	8.7	21.2
9 18	0 16.04	+ 3 16.4	1.460	2.456	4.0	20.9
9 28	0 6.06	+ 2 39.4	1.451	2.452	1.3	20.7
10 8	23 56.40	+ 2 1.7	1.470	2.448	6.1	21.1
10 18	23 48.18	+ 1 29.5	1.514	2.444	10.7	21.3
10 28	23 42.29	+ 1 8.3	1.582	2.440	14.7	21.6
261818	2006 CJ_{15}		9 25.3	200.°24	2.°2/22.3	18
8 19	0 29.42	− 3 31.1	2.562	3.404	10.9	20.8
8 29	0 25.55	− 4 27.8	2.483	3.402	8.3	20.6
9 8	0 20.20	− 5 31.1	2.428	3.399	5.3	20.4
9 18	0 13.79	− 6 36.8	2.401	3.397	2.7	20.2
9 28	0 6.91	− 7 39.5	2.403	3.394	3.0	20.3
10 8	0 0.24	− 8 34.1	2.434	3.391	5.7	20.4
10 18	23 54.40	− 9 16.7	2.492	3.387	8.6	20.6
10 28	23 49.93	− 9 44.7	2.576	3.384	11.2	20.8
477143	2009 DH_{37}		9 25.3	268.°75	0.°4/24.9	16
8 19	0 31.66	+ 2 38.8	1.883	2.720	14.5	22.2
8 29	0 27.86	+ 2 5.1	1.801	2.715	11.2	21.9
9 8	0 22.01	+ 1 18.2	1.742	2.710	7.3	21.7
9 18	0 14.65	+ 0 21.8	1.707	2.705	3.1	21.4
9 28	0 6.59	− 0 38.2	1.700	2.700	1.5	21.3
10 8	23 58.79	− 1 35.1	1.720	2.695	5.8	21.6
10 18	23 52.14	− 2 22.7	1.767	2.690	9.9	21.8
10 28	23 47.39	− 2 56.4	1.838	2.685	13.4	22.0
72560	2001 ES_{6}		9 25.3	299.°74	3.°1/22.5	18
8 19	0 31.40	− 3 30.7	1.642	2.503	15.1	19.0
8 29	0 28.13	− 4 22.6	1.551	2.480	11.6	18.7
9 8	0 22.48	− 5 25.9	1.483	2.458	7.6	18.5
9 18	0 14.96	− 6 34.6	1.438	2.435	3.8	18.2
9 28	0 6.44	− 7 40.5	1.420	2.413	4.2	18.2
10 8	23 58.07	− 8 35.2	1.428	2.391	8.3	18.3
10 18	23 50.95	− 9 12.1	1.461	2.369	12.6	18.5
10 28	23 46.01	− 9 27.2	1.515	2.347	16.5	18.7
216172	2006 ST_{408}		9 25.3	296.°55	8.°7/15.3	18
8 19	0 32.15	−21 3.7	1.914	2.777	13.2	20.1
8 29	0 28.32	−22 36.4	1.851	2.765	10.9	19.9
9 8	0 22.35	−24 4.3	1.812	2.754	9.2	19.8
9 18	0 14.79	−25 18.2	1.797	2.742	8.8	19.8
9 28	0 6.54	−26 9.9	1.807	2.731	10.0	19.8
10 8	23 58.61	−26 34.1	1.841	2.720	12.2	19.9
10 18	23 51.95	−26 29.2	1.897	2.708	14.7	20.1
10 28	23 47.28	−25 56.8	1.972	2.697	16.9	20.2
81456	2000 GZ_{128}		9 25.3	343.°87	0.°2/25.5	18
8 19	0 28.82	+ 4 5.8	1.501	2.352	16.7	18.8
8 29	0 26.19	+ 3 42.1	1.423	2.344	13.1	18.6
9 8	0 21.19	+ 3 1.4	1.366	2.336	8.7	18.3
9 18	0 14.37	+ 2 7.5	1.331	2.329	3.8	18.0
9 28	0 6.69	+ 1 6.7	1.322	2.323	1.3	17.8
10 8	23 59.31	+ 0 7.4	1.338	2.317	6.4	18.1
10 18	23 53.29	− 0 42.8	1.379	2.313	11.1	18.4
10 28	23 49.51	− 1 17.6	1.442	2.310	15.2	18.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
202842	2008 SU_{264}		9 25.3	211.°76	4.°0/21.6	18
	h m	° ′			°	m
8 19	0 36.15	− 8 25.0	1.982	2.833	13.3	20.7
8 29	0 31.16	− 9 7.9	1.907	2.829	10.2	20.5
9 8	0 24.10	− 9 54.7	1.855	2.824	6.9	20.3
9 18	0 15.52	−10 39.4	1.829	2.819	4.2	20.1
9 28	0 6.28	−11 15.9	1.830	2.814	4.8	20.2
10 8	23 57.37	−11 38.9	1.860	2.809	7.9	20.3
10 18	23 49.67	−11 45.1	1.915	2.803	11.2	20.5
10 28	23 43.92	−11 33.3	1.994	2.797	14.2	20.7
194815	2001 YR_{112}		9 25.3	154.°16	6.°2/ 2.1	18
8 19	0 34.90	+21 11.7	2.083	2.819	16.5	20.1
8 29	0 30.29	+21 32.1	1.998	2.825	14.0	20.0
9 8	0 23.58	+21 30.6	1.933	2.831	11.2	19.8
9 18	0 15.32	+21 5.6	1.890	2.836	8.4	19.6
9 28	0 6.35	+20 18.2	1.872	2.840	6.4	19.5
10 8	23 57.65	+19 12.9	1.882	2.844	6.7	19.5
10 18	23 50.14	+17 56.7	1.919	2.848	8.8	19.7
10 28	23 44.57	+16 37.8	1.982	2.851	11.6	19.9
478730	2012 UR_{65}		9 25.3	288.°87	0.°4/25.6	18
8 19	0 31.98	+ 4 55.0	1.782	2.614	15.3	21.7
8 29	0 28.49	+ 4 27.5	1.677	2.587	12.1	21.4
9 8	0 22.71	+ 3 43.4	1.594	2.559	8.2	21.1
9 18	0 15.08	+ 2 45.0	1.535	2.532	3.7	20.8
9 28	0 6.40	+ 1 37.9	1.503	2.504	1.2	20.6
10 8	23 57.75	+ 0 29.4	1.498	2.476	6.1	20.8
10 18	23 50.20	− 0 32.6	1.519	2.447	10.7	21.0
10 28	23 44.70	− 1 21.2	1.563	2.419	14.9	21.2
130827	2000 UB_{34}		9 25.3	10.°57	0.°9/26.0	18
8 19	0 32.83	+ 5 19.8	1.569	2.406	16.8	19.5
8 29	0 29.12	+ 5 5.3	1.496	2.407	13.2	19.2
9 8	0 23.01	+ 4 34.2	1.442	2.408	8.9	19.0
9 18	0 15.12	+ 3 49.6	1.413	2.409	4.1	18.7
9 28	0 6.43	+ 2 57.0	1.409	2.410	1.3	18.5
10 8	23 58.11	+ 2 3.9	1.431	2.411	6.0	18.9
10 18	23 51.22	+ 1 17.4	1.480	2.413	10.6	19.1
10 28	23 46.59	+ 0 43.5	1.551	2.415	14.5	19.4
378241	2007 CY_{10}		9 25.3	286.°75	1.°4/24.1	18
8 19	0 32.55	+ 0 59.3	1.538	2.390	16.4	21.7
8 29	0 29.20	+ 0 18.2	1.447	2.370	12.7	21.4
9 8	0 23.29	− 0 38.9	1.376	2.349	8.3	21.1
9 18	0 15.35	− 1 47.1	1.329	2.328	3.5	20.8
9 28	0 6.31	− 2 58.9	1.309	2.308	2.5	20.7
10 8	23 57.41	− 4 5.0	1.314	2.287	7.5	20.9
10 18	23 49.86	− 4 57.3	1.344	2.266	12.4	21.2
10 28	23 44.65	− 5 29.9	1.396	2.246	16.7	21.4
461174	2015 UZ_{46}		9 25.3	208.°23	0.°3/25.7	18
8 19	0 27.92	+ 6 34.1	2.651	3.461	11.5	21.3
8 29	0 24.40	+ 5 37.1	2.561	3.458	8.9	21.1
9 8	0 19.45	+ 4 26.9	2.495	3.455	5.9	20.9
9 18	0 13.48	+ 3 6.6	2.456	3.451	2.7	20.7
9 28	0 7.05	+ 1 41.1	2.446	3.448	0.8	20.6
10 8	0 0.80	+ 0 16.3	2.468	3.444	4.2	20.8
10 18	23 55.33	− 1 2.4	2.518	3.440	7.4	21.0
10 28	23 51.16	− 2 10.1	2.594	3.435	10.2	21.2
143108	2002 XV_{23}		9 25.3	226.°68	0.°4/25.7	18
8 19	0 34.53	+ 3 27.4	2.210	3.029	13.2	20.6
8 29	0 29.77	+ 3 20.0	2.121	3.023	10.3	20.4
9 8	0 23.14	+ 3 2.1	2.054	3.016	6.9	20.2
9 18	0 15.12	+ 2 35.9	2.013	3.010	3.1	19.9
9 28	0 6.43	+ 2 5.0	2.001	3.002	1.0	19.7
10 8	23 57.95	+ 1 34.1	2.018	2.995	4.9	20.0
10 18	23 50.49	+ 1 7.5	2.063	2.988	8.6	20.2
10 28	23 44.74	+ 0 49.2	2.133	2.980	11.8	20.4
161336	2003 RQ_{1}		9 25.3	317.°71	8.°4/14.5	18
8 19	0 28.41	−19 37.9	1.958	2.827	12.6	19.1
8 29	0 25.46	−21 25.2	1.891	2.810	10.4	18.9
9 8	0 20.49	−23 10.1	1.847	2.794	8.7	18.8
9 18	0 14.02	−24 43.2	1.829	2.777	8.5	18.7
9 28	0 6.83	−25 55.6	1.836	2.761	9.8	18.8
10 8	23 59.89	−26 41.1	1.868	2.745	12.1	18.9
10 18	23 54.06	−26 57.2	1.920	2.730	14.6	19.0
10 28	23 50.09	−26 44.5	1.992	2.715	16.8	19.2
289312	2005 AX_{17}		9 25.3	203.°52	3.°2/28.7	18
8 19	0 33.82	+12 48.0	2.192	2.974	14.5	21.2
8 29	0 29.31	+12 47.7	2.100	2.970	11.8	21.0
9 8	0 22.88	+12 30.7	2.029	2.966	8.6	20.8
9 18	0 15.02	+11 57.4	1.983	2.962	5.4	20.6
9 28	0 6.47	+11 10.3	1.965	2.957	3.3	20.4
10 8	23 58.11	+10 14.4	1.975	2.952	4.9	20.5
10 18	23 50.79	+ 9 15.6	2.013	2.946	8.2	20.7
10 28	23 45.22	+ 8 20.3	2.076	2.940	11.4	20.9

111521 2001 YL_{99} 9 25.3 266.°87 1.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.40	− 1 36.9	2.082	2.926	13.0	19.9
8 29	0 27.42	− 2 15.6	2.004	2.923	9.9	19.7
9 8	0 21.60	− 3 3.0	1.949	2.920	6.4	19.5
9 18	0 14.44	− 3 54.9	1.920	2.918	2.8	19.2
9 28	0 6.69	− 4 45.6	1.919	2.915	2.5	19.2
10 8	23 59.21	− 5 29.4	1.946	2.913	6.1	19.4
10 18	23 52.79	− 6 1.7	2.000	2.910	9.6	19.7
10 28	23 48.08	− 6 19.5	2.077	2.908	12.7	19.9

163963 2003 UO_{80} 9 25.3 88.°67 0.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.68	+ 4 1.5	1.794	2.629	15.1	20.0
8 29	0 27.86	+ 3 19.2	1.724	2.636	11.7	19.8
9 8	0 21.98	+ 2 21.9	1.676	2.643	7.7	19.6
9 18	0 14.62	+ 1 14.2	1.652	2.650	3.2	19.3
9 28	0 6.65	+ 0 2.4	1.656	2.657	1.3	19.2
10 8	23 59.05	− 1 5.9	1.688	2.664	5.8	19.5
10 18	23 52.71	− 2 4.0	1.746	2.670	9.9	19.8
10 28	23 48.31	− 2 47.0	1.827	2.677	13.4	20.0

69767 1998 QA_{20} 9 25.3 346.°90 9.°1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.67	+18 35.6	1.351	2.146	21.2	17.3
8 29	0 29.03	+20 0.9	1.270	2.135	18.2	17.1
9 8	0 23.48	+21 3.3	1.206	2.125	14.9	16.9
9 18	0 15.53	+21 37.4	1.162	2.116	11.5	16.7
9 28	0 6.25	+21 40.5	1.138	2.108	9.3	16.5
10 8	23 57.13	+21 15.4	1.138	2.102	9.7	16.5
10 18	23 49.61	+20 29.1	1.160	2.097	12.4	16.7
10 28	23 44.87	+19 32.8	1.203	2.094	15.9	16.9

220819 2004 TD_{303} 9 25.3 323.°32 2.°4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.90	− 5 9.5	2.118	2.964	12.7	19.7
8 29	0 29.30	− 5 27.9	2.039	2.959	9.7	19.5
9 8	0 22.82	− 5 51.2	1.984	2.955	6.4	19.3
9 18	0 14.98	− 6 15.4	1.955	2.951	3.1	19.1
9 28	0 6.53	− 6 35.7	1.953	2.947	3.1	19.1
10 8	23 58.36	− 6 47.9	1.980	2.943	6.3	19.3
10 18	23 51.28	− 6 48.8	2.034	2.939	9.7	19.5
10 28	23 45.96	− 6 36.8	2.111	2.936	12.8	19.7

9126 Samcoulson 9 25.3 301.°39 0.°1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.18	+ 3 43.8	1.585	2.430	16.3	18.5
8 29	0 28.02	+ 3 15.6	1.496	2.413	12.8	18.2
9 8	0 22.45	+ 2 30.7	1.427	2.397	8.5	18.0
9 18	0 14.97	+ 1 32.5	1.382	2.380	3.7	17.6
9 28	0 6.50	+ 0 27.3	1.363	2.364	1.4	17.4
10 8	23 58.21	− 0 36.5	1.370	2.348	6.5	17.7
10 18	23 51.22	− 1 31.1	1.402	2.332	11.3	18.0
10 28	23 46.46	− 2 10.0	1.456	2.317	15.6	18.2

434273 2003 WR_{46} 9 25.3 253.°01 10.°2/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 45.61	−25 16.4	1.852	2.688	14.7	22.2
8 29	0 38.98	−26 27.6	1.775	2.667	12.5	22.0
9 8	0 29.55	−27 30.0	1.720	2.644	10.8	21.9
9 18	0 17.99	−28 13.5	1.689	2.621	10.3	21.8
9 28	0 5.41	−28 29.1	1.684	2.597	11.3	21.8
10 8	23 53.20	−28 12.1	1.704	2.572	13.6	21.9
10 18	23 42.62	−27 22.5	1.746	2.546	16.2	22.0
10 28	23 34.63	−26 4.2	1.808	2.519	18.7	22.2

295440 2008 LF_{12} 9 25.3 157.°51 1.°7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.85	+10 13.6	2.519	3.313	12.5	21.1
8 29	0 25.93	+ 9 44.7	2.435	3.317	9.9	20.9
9 8	0 20.48	+ 9 1.3	2.372	3.320	7.0	20.7
9 18	0 13.94	+ 8 5.4	2.336	3.324	3.8	20.5
9 28	0 6.93	+ 7 0.8	2.329	3.327	1.7	20.4
10 8	0 0.14	+ 5 52.7	2.350	3.330	4.0	20.5
10 18	23 54.22	+ 4 46.4	2.401	3.333	7.2	20.7
10 28	23 49.72	+ 3 47.0	2.478	3.335	10.0	20.9

4926 Smoktunovskij 9 25.3 55.°43 0.°4/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.21	+ 4 13.2	1.908	2.738	14.6	17.4
8 29	0 28.18	+ 3 53.7	1.834	2.742	11.3	17.2
9 8	0 22.16	+ 3 21.1	1.782	2.747	7.5	17.0
9 18	0 14.71	+ 2 38.4	1.755	2.752	3.4	16.7
9 28	0 6.65	+ 1 50.6	1.755	2.756	1.1	16.6
10 8	23 58.92	+ 1 3.7	1.783	2.761	5.3	16.9
10 18	23 52.37	+ 0 23.2	1.838	2.766	9.2	17.1
10 28	23 47.69	− 0 6.3	1.917	2.771	12.6	17.4

144156 2004 BE_{99} 9 25.3 267.°67 4.°5/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.99	− 7 37.2	1.987	2.848	12.9	19.6
8 29	0 26.53	− 9 3.2	1.909	2.837	9.8	19.4
9 8	0 21.14	−10 36.3	1.854	2.826	6.7	19.2
9 18	0 14.30	−12 9.3	1.826	2.815	4.6	19.1
9 28	0 6.79	−13 33.7	1.826	2.804	5.6	19.1
10 8	23 59.50	−14 42.1	1.853	2.792	8.6	19.3
10 18	23 53.28	−15 29.5	1.905	2.781	11.9	19.4
10 28	23 48.83	−15 53.7	1.979	2.769	14.8	19.6

209745 2005 EA_{198} 9 25.3 200.°92 0.°9/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.99	+ 6 11.8	1.937	2.759	14.7	21.0
8 29	0 28.06	+ 5 48.4	1.856	2.758	11.5	20.8
9 8	0 22.13	+ 5 10.1	1.797	2.758	7.8	20.5
9 18	0 14.73	+ 4 19.5	1.762	2.757	3.7	20.3
9 28	0 6.66	+ 3 21.6	1.755	2.756	1.2	20.1
10 8	23 58.88	+ 2 22.7	1.777	2.756	5.2	20.4
10 18	23 52.24	+ 1 29.1	1.825	2.755	9.1	20.6
10 28	23 47.45	+ 0 46.2	1.897	2.754	12.6	20.8

257804 2000 ED_{78} 9 25.3 180.°83 2.°7/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.55	− 2 41.1	1.873	2.719	14.1	21.0
8 29	0 30.03	− 3 41.5	1.799	2.720	10.8	20.8
9 8	0 23.42	− 4 51.8	1.749	2.721	7.0	20.6
9 18	0 15.28	− 6 6.0	1.724	2.721	3.4	20.4
9 28	0 6.47	− 7 16.6	1.727	2.720	3.6	20.4
10 8	23 58.00	− 8 16.3	1.759	2.719	7.2	20.6
10 18	23 50.78	− 8 59.9	1.817	2.718	11.0	20.9
10 28	23 45.53	− 9 24.2	1.897	2.716	14.3	21.1

15884 Maspalomas 9 25.3 168.°04 3.°7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.96	− 4 0.8	1.594	2.453	15.6	18.1
8 29	0 29.91	− 5 11.9	1.527	2.455	11.8	17.9
9 8	0 23.49	− 6 33.4	1.482	2.456	7.7	17.7
9 18	0 15.34	− 7 57.7	1.462	2.457	4.1	17.5
9 28	0 6.45	− 9 15.4	1.469	2.458	4.7	17.5
10 8	23 57.98	−10 17.9	1.502	2.459	8.6	17.7
10 18	23 50.95	−10 59.6	1.560	2.460	12.6	18.0
10 28	23 46.17	−11 17.8	1.640	2.460	16.1	18.2

154177 2002 GR_{105} 9 25.3 59.°48 9.°2/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 44.83	−27 28.3	2.050	2.879	13.7	19.1
8 29	0 37.44	−28 3.0	2.011	2.895	11.6	19.0
9 8	0 27.91	−28 24.8	1.994	2.912	9.9	19.0
9 18	0 17.04	−28 26.7	2.003	2.929	9.2	19.0
9 28	0 5.89	−28 4.4	2.037	2.946	9.9	19.0
10 8	23 55.57	−27 16.8	2.097	2.963	11.5	19.2
10 18	23 46.93	−26 6.2	2.181	2.981	13.4	19.3
10 28	23 40.57	−24 36.9	2.287	2.998	15.2	19.5

280063 2002 CF_{115} 9 25.3 108.°41 7.°8/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.00	−15 55.4	1.777	2.644	13.8	20.3
8 29	0 28.89	−17 53.1	1.732	2.656	10.9	20.1
9 8	0 22.65	−19 48.7	1.712	2.667	8.6	20.0
9 18	0 14.92	−21 31.9	1.717	2.678	7.8	20.0
9 28	0 6.63	−22 53.5	1.748	2.689	9.1	20.1
10 8	23 58.83	−23 47.2	1.804	2.700	11.5	20.2
10 18	23 52.40	−24 11.3	1.883	2.710	14.1	20.4
10 28	23 48.03	−24 6.9	1.982	2.720	16.5	20.6

448085 2008 HF_{36} 9 25.3 48.°52 1.°7/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.49	+10 9.4	1.976	2.788	14.8	21.2
8 29	0 25.25	+ 9 28.5	1.905	2.799	11.7	21.0
9 8	0 20.19	+ 8 29.4	1.856	2.810	8.1	20.9
9 18	0 13.86	+ 7 15.1	1.831	2.822	4.3	20.6
9 28	0 7.01	+ 5 51.4	1.834	2.834	1.7	20.5
10 8	0 0.51	+ 4 25.4	1.865	2.846	4.7	20.7
10 18	23 55.10	+ 3 4.6	1.924	2.858	8.4	21.0
10 28	23 51.42	+ 1 55.3	2.007	2.871	11.7	21.2

47497 2000 AE_{44} 9 25.3 20.°96 1.°0/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.35	+ 1 6.5	0.943	1.830	21.4	17.8
8 29	0 28.18	+ 0 51.7	0.900	1.841	16.4	17.6
9 8	0 22.79	+ 0 19.1	0.874	1.853	10.7	17.3
9 18	0 15.10	− 0 24.9	0.868	1.868	4.4	17.0
9 28	0 6.58	− 1 10.9	0.883	1.884	2.3	17.0
10 8	23 58.90	− 1 48.8	0.921	1.902	8.3	17.4
10 18	23 53.37	− 2 11.3	0.980	1.921	13.7	17.8
10 28	23 50.85	− 2 14.0	1.058	1.941	18.3	18.1

293487 2007 FL_{28} 9 25.3 68.°80 1.°3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.36	+ 5 55.0	2.208	3.021	13.4	20.3
8 29	0 28.82	+ 5 57.3	2.129	3.025	10.5	20.1
9 8	0 22.48	+ 5 48.0	2.072	3.029	7.2	19.9
9 18	0 14.85	+ 5 28.7	2.040	3.033	3.6	19.7
9 28	0 6.65	+ 5 2.7	2.037	3.037	1.4	19.5
10 8	23 58.72	+ 4 34.2	2.062	3.041	4.6	19.8
10 18	23 51.83	+ 4 7.5	2.116	3.046	8.1	20.0
10 28	23 46.62	+ 3 46.9	2.194	3.050	11.2	20.2

192097 2006 BF_{210} 9 25.3 209.°19 3.°7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.56	− 7 59.5	2.736	3.585	10.1	20.4
8 29	0 24.87	− 9 36.9	2.658	3.580	7.7	20.2
9 8	0 19.77	−11 19.3	2.608	3.576	5.2	20.1
9 18	0 13.66	−13 1.0	2.586	3.570	3.8	20.0
9 28	0 7.08	−14 35.3	2.594	3.565	4.7	20.0
10 8	0 0.67	−15 56.5	2.632	3.559	7.0	20.2
10 18	23 55.01	−17 0.7	2.697	3.553	9.4	20.3
10 28	23 50.64	−17 45.7	2.786	3.547	11.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
316921	2000 WA_{104}		9 25.3	255.°13	4.°1/21.1	18
	h m	° ′			°	m
8 19	0 32.54	− 6 40.4	1.819	2.678	13.9	20.4
8 29	0 28.65	− 7 47.5	1.742	2.669	10.6	20.2
9 8	0 22.62	− 9 2.0	1.688	2.660	7.1	20.0
9 18	0 14.98	−10 16.9	1.659	2.651	4.4	19.8
9 28	0 6.59	−11 24.2	1.658	2.642	5.2	19.8
10 8	23 58.48	−12 16.4	1.683	2.633	8.5	20.0
10 18	23 51.59	−12 48.8	1.734	2.623	12.1	20.2
10 28	23 46.69	−12 59.2	1.806	2.614	15.3	20.4
431411	2007 HD_{53}		9 25.3	49.°53	5.°5/20.9	16
8 19	0 34.59	− 9 9.6	1.404	2.277	16.5	20.9
8 29	0 30.44	−10 13.9	1.360	2.293	12.5	20.7
9 8	0 23.78	−11 21.5	1.337	2.310	8.5	20.5
9 18	0 15.42	−12 23.6	1.337	2.327	5.7	20.4
9 28	0 6.50	−13 11.2	1.363	2.344	6.6	20.5
10 8	23 58.27	−13 37.9	1.414	2.362	9.9	20.8
10 18	23 51.75	−13 41.0	1.488	2.380	13.6	21.0
10 28	23 47.65	−13 21.0	1.582	2.398	16.7	21.3
92765	2000 QJ_{125}		9 25.3	355.°54	4.°2/28.9	18
8 19	0 29.04	+12 48.0	1.345	2.172	19.7	19.3
8 29	0 26.70	+12 52.5	1.271	2.169	16.1	19.1
9 8	0 21.72	+12 31.5	1.215	2.166	11.8	18.8
9 18	0 14.70	+11 45.4	1.179	2.164	7.3	18.6
9 28	0 6.71	+10 38.4	1.167	2.163	4.2	18.4
10 8	23 59.08	+ 9 19.4	1.180	2.162	6.5	18.5
10 18	23 53.00	+ 7 58.7	1.216	2.163	11.0	18.8
10 28	23 49.42	+ 6 46.8	1.275	2.164	15.3	19.0
281634	2008 UU_{310}		9 25.3	105.°76	3.°3/28.5	16
8 19	0 35.61	+12 9.7	1.858	2.651	16.3	20.8
8 29	0 30.84	+12 11.0	1.788	2.666	13.1	20.7
9 8	0 23.93	+11 53.6	1.738	2.680	9.5	20.5
9 18	0 15.50	+11 18.5	1.712	2.694	5.7	20.3
9 28	0 6.45	+10 29.4	1.714	2.708	3.3	20.2
10 8	23 57.82	+ 9 32.2	1.743	2.721	5.3	20.3
10 18	23 50.51	+ 8 33.8	1.799	2.734	8.9	20.6
10 28	23 45.25	+ 7 40.9	1.880	2.747	12.3	20.8
328815	2009 VW_{91}		9 25.3	250.°05	4.°6/19.8	18
8 19	0 31.30	−12 19.3	2.443	3.297	11.0	20.4
8 29	0 27.10	−13 12.8	2.371	3.292	8.5	20.2
9 8	0 21.29	−14 7.0	2.324	3.288	6.1	20.1
9 18	0 14.33	−14 56.7	2.303	3.283	4.6	20.0
9 28	0 6.88	−15 36.2	2.311	3.279	5.4	20.0
10 8	23 59.69	−16 1.5	2.346	3.274	7.6	20.2
10 18	23 53.42	−16 10.1	2.406	3.269	10.2	20.3
10 28	23 48.66	−16 1.3	2.490	3.265	12.5	20.5
97179	1999 VF_{223}		9 25.3	252.°91	4.°4/20.0	18
8 19	0 31.02	−10 41.9	2.348	3.202	11.4	19.9
8 29	0 26.99	−11 41.8	2.272	3.194	8.7	19.7
9 8	0 21.28	−12 44.0	2.220	3.186	6.1	19.5
9 18	0 14.35	−13 43.1	2.195	3.178	4.4	19.4
9 28	0 6.87	−14 33.0	2.198	3.170	5.2	19.4
10 8	23 59.63	−15 8.7	2.228	3.162	7.7	19.6
10 18	23 53.32	−15 27.2	2.285	3.153	10.4	19.8
10 28	23 48.57	−15 27.4	2.364	3.145	12.9	19.9
445674	2011 UT_{95}		9 25.3	328.°65	1.°8/23.7	18
8 19	0 33.94	− 2 23.7	1.841	2.689	14.3	21.3
8 29	0 29.63	− 2 47.3	1.766	2.686	10.9	21.1
9 8	0 23.21	− 3 19.2	1.712	2.684	7.1	20.8
9 18	0 15.23	− 3 55.0	1.683	2.681	3.1	20.6
9 28	0 6.56	− 4 29.1	1.682	2.679	2.7	20.6
10 8	23 58.21	− 4 56.0	1.708	2.677	6.5	20.8
10 18	23 51.10	− 5 11.3	1.760	2.675	10.4	21.0
10 28	23 45.98	− 5 12.3	1.836	2.673	13.9	21.2
72483	2001 DY_{39}		9 25.3	358.°13	3.°3/27.9	18
8 19	0 34.07	+ 9 22.4	1.560	2.381	17.7	19.6
8 29	0 30.21	+ 9 44.8	1.483	2.379	14.2	19.3
9 8	0 23.85	+ 9 49.5	1.425	2.378	10.2	19.1
9 18	0 15.58	+ 9 36.7	1.390	2.377	5.9	18.9
9 28	0 6.41	+ 9 9.3	1.381	2.377	3.3	18.7
10 8	23 57.56	+ 8 33.0	1.397	2.378	6.0	18.9
10 18	23 50.17	+ 7 54.6	1.439	2.378	10.3	19.1
10 28	23 45.12	+ 7 21.4	1.503	2.380	14.2	19.4
281451	2008 SF_{106}		9 25.3	92.°95	0.°3/25.6	18
8 19	0 33.42	+ 5 7.1	1.746	2.576	15.7	20.9
8 29	0 29.22	+ 4 32.9	1.680	2.588	12.2	20.7
9 8	0 22.90	+ 3 43.1	1.636	2.601	8.1	20.5
9 18	0 15.06	+ 2 41.8	1.616	2.613	3.6	20.3
9 28	0 6.63	+ 1 35.1	1.624	2.625	1.1	20.1
10 8	23 58.64	+ 0 30.6	1.659	2.637	5.6	20.5
10 18	23 51.99	− 0 25.2	1.721	2.649	9.8	20.7
10 28	23 47.38	− 1 7.1	1.807	2.660	13.3	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471141	2010 ED_{111}		9 25.3	297.°03	3.°7/22.6	18
	h m	° ′			°	m
8 19	0 37.69	− 7 25.8	1.670	2.525	15.1	20.3
8 29	0 32.86	− 7 45.1	1.589	2.513	11.7	20.0
9 8	0 25.53	− 8 8.5	1.529	2.501	7.8	19.8
9 18	0 16.30	− 8 30.7	1.494	2.489	4.3	19.5
9 28	0 6.16	− 8 45.4	1.486	2.477	4.5	19.5
10 8	23 56.32	− 8 47.2	1.505	2.465	8.2	19.7
10 18	23 47.91	− 8 33.1	1.549	2.453	12.3	19.9
10 28	23 41.82	− 8 1.8	1.615	2.442	15.9	20.1
102565	1999 UL_{30}		9 25.3	346.°94	0.°3/25.1	18
8 19	0 27.18	+ 3 29.0	1.287	2.153	18.1	20.0
8 29	0 25.31	+ 2 57.9	1.214	2.143	14.1	19.7
9 8	0 20.84	+ 2 7.7	1.160	2.135	9.3	19.4
9 18	0 14.34	+ 1 2.8	1.128	2.127	4.0	19.1
9 28	0 6.87	− 0 8.7	1.120	2.121	1.7	18.9
10 8	23 59.74	− 1 16.5	1.136	2.115	7.2	19.2
10 18	23 54.14	− 2 11.6	1.175	2.112	12.4	19.5
10 28	23 51.02	− 2 47.3	1.235	2.109	16.8	19.8
24701	Elyu-Ene		9 25.3	241.°59	4.°5/17.4	17
8 19	0 28.08	−17 41.3	3.513	4.360	8.1	19.3
8 29	0 24.22	−18 36.5	3.439	4.349	6.5	19.2
9 8	0 19.21	−19 29.8	3.390	4.339	5.1	19.1
9 18	0 13.40	−20 17.0	3.370	4.328	4.5	19.0
9 28	0 7.24	−20 54.4	3.377	4.317	5.2	19.1
10 8	0 1.22	−21 19.2	3.413	4.306	6.7	19.1
10 18	23 55.81	−21 29.7	3.475	4.295	8.4	19.2
10 28	23 51.45	−21 25.4	3.559	4.283	10.0	19.4
269688	1996 JJ_{11}		9 25.3	186.°55	2.°8/22.6	16
8 19	0 33.28	− 2 27.5	1.756	2.608	14.7	21.0
8 29	0 29.22	− 3 30.6	1.684	2.608	11.2	20.8
9 8	0 22.98	− 4 44.4	1.634	2.607	7.2	20.6
9 18	0 15.14	− 6 2.7	1.610	2.607	3.5	20.4
9 28	0 6.60	− 7 17.4	1.613	2.606	3.7	20.4
10 8	23 58.41	− 8 20.6	1.643	2.605	7.5	20.6
10 18	23 51.51	− 9 6.4	1.699	2.603	11.4	20.8
10 28	23 46.66	− 9 31.8	1.778	2.602	14.8	21.1
288076	2003 US_{414}		9 25.3	299.°27	1.°4/24.1	18
8 19	0 33.72	− 0 46.9	1.758	2.605	14.9	21.2
8 29	0 29.64	− 1 9.9	1.677	2.597	11.5	21.0
9 8	0 23.32	− 1 43.2	1.618	2.590	7.5	20.8
9 18	0 15.32	− 2 22.6	1.584	2.582	3.2	20.5
9 28	0 6.53	− 3 2.4	1.576	2.575	2.3	20.4
10 8	23 58.02	− 3 36.3	1.596	2.568	6.6	20.7
10 18	23 50.77	− 3 59.3	1.642	2.561	10.7	20.9
10 28	23 45.60	− 4 7.6	1.710	2.554	14.4	21.1
256345	2006 XG_{39}		9 25.3	19.°88	6.°0/18.9	18
8 19	0 30.97	−12 49.7	1.886	2.753	13.2	20.1
8 29	0 27.27	−14 4.7	1.828	2.755	10.2	20.0
9 8	0 21.59	−15 20.5	1.792	2.757	7.4	19.8
9 18	0 14.50	−16 29.4	1.782	2.760	6.0	19.7
9 28	0 6.85	−17 23.7	1.799	2.763	7.0	19.8
10 8	23 59.59	−17 58.0	1.841	2.766	9.6	20.0
10 18	23 53.54	−18 9.4	1.907	2.770	12.5	20.2
10 28	23 49.37	−17 58.1	1.995	2.773	15.1	20.4
220397	2003 RK_{10}		9 25.3	98.°24	0.°0/25.3	18
8 19	0 31.06	+ 3 28.7	2.406	3.228	12.2	20.9
8 29	0 26.84	+ 2 59.7	2.336	3.241	9.4	20.7
9 8	0 21.07	+ 2 20.5	2.289	3.253	6.2	20.5
9 18	0 14.23	+ 1 34.1	2.269	3.266	2.6	20.3
9 28	0 6.96	+ 0 44.7	2.278	3.279	1.0	20.2
10 8	23 59.99	− 0 2.6	2.316	3.291	4.5	20.5
10 18	23 53.97	− 0 43.7	2.382	3.303	7.7	20.7
10 28	23 49.43	− 1 15.0	2.473	3.316	10.6	20.9
150014	2005 UC_{343}		9 25.3	355.°26	7.°1/18.1	18
8 19	0 29.18	−13 52.2	1.623	2.501	14.4	19.5
8 29	0 26.26	−15 17.6	1.565	2.498	11.3	19.3
9 8	0 21.11	−16 43.5	1.529	2.495	8.4	19.1
9 18	0 14.35	−18 0.8	1.517	2.493	7.1	19.0
9 28	0 6.91	−19 0.1	1.530	2.491	8.4	19.1
10 8	23 59.87	−19 34.8	1.568	2.490	11.1	19.3
10 18	23 54.18	−19 42.2	1.628	2.490	14.2	19.4
10 28	23 50.60	−19 22.6	1.707	2.491	17.0	19.6
479913	2014 HJ_{47}		9 25.3	64.°24	1.°7/23.6	18
8 19	0 31.42	− 0 29.4	1.857	2.704	14.2	21.5
8 29	0 27.60	− 1 16.7	1.789	2.710	10.8	21.3
9 8	0 21.81	− 2 14.6	1.744	2.716	7.0	21.1
9 18	0 14.60	− 3 18.2	1.724	2.722	3.0	20.9
9 28	0 6.82	− 4 20.6	1.731	2.729	2.6	20.8
10 8	23 59.40	− 5 15.2	1.767	2.735	6.4	21.1
10 18	23 53.18	− 5 56.6	1.828	2.742	10.2	21.4
10 28	23 48.84	− 6 21.5	1.912	2.748	13.5	21.6

93702 2000 VU_{27} 9 25.3 269.°30 2.°0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.52	− 1 0.0	1.809	2.657	14.5	18.9
8 29	0 28.73	− 1 47.2	1.721	2.643	11.1	18.7
9 8	0 22.76	− 2 46.3	1.656	2.628	7.2	18.4
9 18	0 15.10	− 3 52.4	1.615	2.613	3.2	18.1
9 28	0 6.61	− 4 58.3	1.602	2.598	2.9	18.1
10 8	23 58.32	− 5 56.7	1.616	2.583	7.0	18.3
10 18	23 51.20	− 6 41.1	1.656	2.568	11.1	18.5
10 28	23 46.08	− 7 7.5	1.719	2.553	14.8	18.7

67601 2000 SQ_{147} 9 25.3 31.°01 0.°9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.59	+ 6 16.0	0.987	1.857	22.0	18.8
8 29	0 28.30	+ 5 49.4	0.941	1.870	17.1	18.5
9 8	0 22.87	+ 4 57.9	0.911	1.884	11.5	18.3
9 18	0 15.17	+ 3 46.8	0.902	1.900	5.2	18.0
9 28	0 6.64	+ 2 26.6	0.915	1.916	1.6	17.8
10 8	23 58.90	+ 1 9.6	0.950	1.934	7.5	18.3
10 18	23 53.24	+ 0 6.8	1.008	1.952	13.1	18.6
10 28	23 50.55	− 0 34.6	1.086	1.971	17.7	19.0

393616 2004 BH_{127} 9 25.3 122.°75 1.°5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.70	+ 7 30.8	2.116	2.924	14.1	21.5
8 29	0 29.14	+ 7 19.9	2.040	2.933	11.1	21.3
9 8	0 22.73	+ 6 55.1	1.986	2.941	7.6	21.1
9 18	0 14.99	+ 6 18.4	1.958	2.950	3.9	20.9
9 28	0 6.69	+ 5 33.7	1.958	2.958	1.6	20.7
10 8	23 58.71	+ 4 46.3	1.986	2.965	4.7	21.0
10 18	23 51.83	+ 4 1.5	2.042	2.973	8.3	21.2
10 28	23 46.71	+ 3 24.3	2.123	2.980	11.5	21.4

42199 2001 DT_{23} 9 25.3 197.°41 0.°1/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.97	+ 2 36.7	2.388	3.208	12.3	19.4
8 29	0 28.42	+ 2 27.1	2.304	3.208	9.5	19.2
9 8	0 22.19	+ 2 8.3	2.243	3.207	6.3	19.0
9 18	0 14.75	+ 1 42.6	2.209	3.206	2.8	18.7
9 28	0 6.77	+ 1 13.6	2.203	3.204	0.9	18.6
10 8	23 59.02	+ 0 45.4	2.227	3.203	4.6	18.9
10 18	23 52.20	+ 0 21.9	2.279	3.202	8.0	19.1
10 28	23 46.93	+ 0 6.4	2.356	3.200	10.9	19.3

296257 2009 DQ_{31} 9 25.3 150.°36 1.°6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.67	+ 7 47.7	2.033	2.844	14.4	20.8
8 29	0 28.50	+ 7 35.3	1.952	2.846	11.4	20.6
9 8	0 22.40	+ 7 8.0	1.893	2.848	7.9	20.4
9 18	0 14.88	+ 6 27.8	1.858	2.850	4.1	20.2
9 28	0 6.73	+ 5 38.8	1.852	2.851	1.6	20.0
10 8	23 58.86	+ 4 46.6	1.873	2.853	4.9	20.3
10 18	23 52.09	+ 3 57.0	1.922	2.854	8.6	20.5
10 28	23 47.13	+ 3 15.5	1.996	2.856	12.0	20.7

106236 2000 UN_{45} 9 25.3 12.°81 0.°5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.07	+ 5 47.2	1.633	2.475	16.1	18.7
8 29	0 25.35	+ 5 13.4	1.564	2.478	12.5	18.5
9 8	0 20.50	+ 4 22.4	1.515	2.482	8.4	18.3
9 18	0 14.09	+ 3 17.8	1.490	2.487	3.8	18.0
9 28	0 7.03	+ 2 6.4	1.492	2.493	1.2	17.8
10 8	0 0.32	+ 0 56.2	1.519	2.499	5.7	18.2
10 18	23 54.90	− 0 5.2	1.572	2.506	10.0	18.4
10 28	23 51.49	− 0 52.1	1.649	2.514	13.8	18.7

175033 2004 FD_{48} 9 25.3 357.°43 6.°0/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.11	+11 47.8	1.406	2.222	19.5	18.5
8 29	0 32.20	+13 5.6	1.330	2.217	16.2	18.2
9 8	0 25.42	+14 6.3	1.272	2.214	12.3	18.0
9 18	0 16.38	+14 46.8	1.236	2.212	8.4	17.8
9 28	0 6.18	+15 6.1	1.224	2.211	6.0	17.6
10 8	23 56.25	+15 7.2	1.237	2.211	7.6	17.7
10 18	23 47.96	+14 55.7	1.274	2.213	11.3	18.0
10 28	23 42.37	+14 39.6	1.332	2.216	15.2	18.2

142655 2002 TB_{203} 9 25.3 334.°35 6.°3/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.67	− 9 57.0	1.249	2.131	17.5	19.1
8 29	0 30.43	−10 54.5	1.185	2.122	13.6	18.9
9 8	0 24.26	−11 57.0	1.140	2.114	9.4	18.6
9 18	0 15.84	−12 54.8	1.117	2.106	6.5	18.5
9 28	0 6.41	−13 37.4	1.118	2.099	7.5	18.5
10 8	23 57.45	−13 56.6	1.142	2.093	11.4	18.7
10 18	23 50.29	−13 48.5	1.188	2.088	15.6	18.9
10 28	23 45.89	−13 13.3	1.253	2.083	19.5	19.2

265270 2004 FL_{37} 9 25.3 118.°64 1.°3/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.25	+ 0 23.0	1.697	2.538	15.6	21.2
8 29	0 31.45	− 0 15.1	1.634	2.550	11.9	21.0
9 8	0 24.39	− 1 5.0	1.591	2.562	7.7	20.8
9 18	0 15.74	− 2 1.7	1.574	2.573	3.2	20.6
9 28	0 6.47	− 2 58.2	1.585	2.584	2.3	20.5
10 8	23 57.68	− 3 47.7	1.623	2.594	6.6	20.8
10 18	23 50.33	− 4 24.5	1.687	2.604	10.7	21.1
10 28	23 45.14	− 4 45.2	1.774	2.613	14.2	21.3

222875 2002 GX_{13} 9 25.3 42.°13 4.°2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.07	+19 9.3	1.818	2.591	17.3	19.5
8 29	0 25.06	+18 19.9	1.757	2.616	14.2	19.3
9 8	0 20.12	+17 3.8	1.716	2.642	10.7	19.2
9 18	0 13.87	+15 23.8	1.697	2.668	7.0	19.0
9 28	0 7.17	+13 26.0	1.705	2.694	4.3	18.9
10 8	0 0.94	+11 19.7	1.742	2.721	5.2	19.0
10 18	23 55.98	+ 9 15.3	1.806	2.748	8.4	19.3
10 28	23 52.86	+ 7 21.8	1.897	2.775	11.6	19.5

139005 2001 DF_{36} 9 25.3 190.°79 2.°4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.17	− 0 20.0	1.547	2.401	16.2	20.0
8 29	0 29.44	− 1 27.1	1.476	2.401	12.4	19.8
9 8	0 23.29	− 2 48.8	1.427	2.401	8.0	19.5
9 18	0 15.35	− 4 18.3	1.401	2.400	3.6	19.3
9 28	0 6.61	− 5 46.1	1.403	2.399	3.5	19.3
10 8	23 58.25	− 7 2.8	1.431	2.398	7.8	19.5
10 18	23 51.33	− 8 0.9	1.485	2.396	12.2	19.8
10 28	23 46.70	− 8 36.2	1.560	2.395	16.0	20.0

516894 2011 RX_{17} 9 25.3 273.°31 0.°7/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.47	+ 6 48.4	2.041	2.860	14.1	22.3
8 29	0 26.99	+ 6 8.3	1.939	2.841	11.1	22.1
9 8	0 21.56	+ 5 11.3	1.860	2.821	7.6	21.8
9 18	0 14.60	+ 4 0.0	1.806	2.801	3.5	21.6
9 28	0 6.85	+ 2 39.7	1.779	2.780	1.1	21.3
10 8	23 59.21	+ 1 17.6	1.781	2.760	5.2	21.6
10 18	23 52.55	+ 0 1.0	1.811	2.739	9.3	21.8
10 28	23 47.63	− 1 3.3	1.865	2.718	13.0	22.0

172640 2003 YY_{44} 9 25.3 8.°80 7.°8/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.00	−10 17.5	1.070	1.967	18.6	19.0
8 29	0 27.82	−11 52.2	1.022	1.967	14.4	18.7
9 8	0 22.58	−13 32.3	0.993	1.969	10.2	18.5
9 18	0 15.10	−15 4.8	0.985	1.972	7.8	18.4
9 28	0 6.72	−16 15.8	1.000	1.976	9.3	18.5
10 8	23 59.00	−16 55.7	1.036	1.981	13.1	18.7
10 18	23 53.25	−17 0.7	1.093	1.986	17.2	19.0
10 28	23 50.35	−16 32.4	1.166	1.993	20.8	19.3

66596 1999 RO_{180} 9 25.3 70.°12 3.°1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.59	− 4 30.4	1.598	2.452	15.8	19.0
8 29	0 32.34	− 5 15.1	1.555	2.479	11.9	18.9
9 8	0 24.84	− 6 6.4	1.534	2.506	7.7	18.7
9 18	0 15.87	− 6 57.8	1.538	2.534	3.8	18.5
9 28	0 6.48	− 7 42.2	1.569	2.561	4.0	18.6
10 8	23 57.80	− 8 13.6	1.626	2.588	7.6	18.9
10 18	23 50.73	− 8 28.5	1.710	2.614	11.3	19.2
10 28	23 45.91	− 8 25.7	1.815	2.641	14.5	19.4

20457 1999 LX_{7} 9 25.3 7.°15 8.°1/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.05	+14 49.9	1.063	1.900	23.1	17.2
8 29	0 28.11	+16 14.0	1.005	1.901	19.4	17.0
9 8	0 22.99	+17 11.9	0.962	1.904	15.2	16.8
9 18	0 15.38	+17 39.4	0.937	1.909	10.9	16.5
9 28	0 6.60	+17 35.7	0.933	1.917	8.2	16.4
10 8	23 58.32	+17 6.5	0.950	1.926	9.1	16.5
10 18	23 52.02	+16 21.5	0.989	1.937	12.7	16.8
10 28	23 48.80	+15 32.4	1.048	1.951	16.6	17.0

479525 2014 BA_{34} 9 25.3 142.°72 9.°5/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.85	+24 50.7	1.918	2.626	18.6	21.4
8 29	0 36.19	+26 20.2	1.834	2.629	16.3	21.2
9 8	0 27.87	+27 28.5	1.768	2.632	13.8	21.0
9 18	0 17.42	+28 10.4	1.723	2.634	11.4	20.9
9 28	0 5.84	+28 22.7	1.702	2.636	9.8	20.8
10 8	23 54.39	+28 6.8	1.706	2.639	9.7	20.8
10 18	23 44.34	+27 28.0	1.736	2.641	11.2	20.9
10 28	23 36.70	+26 35.0	1.790	2.643	13.5	21.1

180580 2004 FF_{20} 9 25.3 106.°08 0.°5/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.36	+ 3 37.5	1.640	2.477	16.2	20.4
8 29	0 30.08	+ 2 49.9	1.577	2.490	12.5	20.2
9 8	0 23.54	+ 1 46.7	1.535	2.503	8.1	20.0
9 18	0 15.40	+ 0 32.9	1.517	2.516	3.4	19.7
9 28	0 6.63	− 0 44.0	1.527	2.528	1.6	19.6
10 8	23 58.35	− 1 55.5	1.565	2.540	6.3	20.0
10 18	23 51.51	− 2 54.6	1.628	2.551	10.5	20.3
10 28	23 46.83	− 3 36.5	1.715	2.563	14.2	20.5

490112 2008 UD_{49} 9 25.3 321.°08 4.°2/22.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.50	− 6 17.7	1.284	2.160	17.5	21.2
8 29	0 30.76	− 6 41.1	1.184	2.121	13.7	20.9
9 8	0 24.92	− 7 13.0	1.104	2.081	9.3	20.5
9 18	0 16.38	− 7 47.2	1.046	2.042	5.0	20.2
9 28	0 6.16	− 8 14.8	1.011	2.004	5.3	20.1
10 8	23 55.79	− 8 26.9	1.000	1.967	10.3	20.2
10 18	23 46.88	− 8 17.0	1.010	1.931	15.7	20.4
10 28	23 40.84	− 7 42.1	1.040	1.896	20.7	20.6

5849 Bhanji 9 25.3 113.°33 7.°1/15.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.32	−19 1.0	2.326	3.186	11.2	16.0
8 29	0 25.76	−20 47.1	2.272	3.187	9.1	15.9
9 8	0 20.51	−22 30.0	2.243	3.188	7.5	15.8
9 18	0 14.07	−24 1.9	2.241	3.188	7.2	15.8
9 28	0 7.12	−25 15.7	2.266	3.189	8.3	15.9
10 8	0 0.44	−26 6.6	2.316	3.190	10.2	16.0
10 18	23 54.75	−26 32.6	2.390	3.190	12.3	16.1
10 28	23 50.64	−26 34.2	2.483	3.191	14.2	16.3

95948 2003 OS_7 9 25.3 2.°11 4.°4/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.40	− 6 53.5	1.983	2.847	12.7	18.9
8 29	0 24.50	− 8 29.3	1.916	2.847	9.6	18.7
9 8	0 19.79	−10 12.2	1.874	2.847	6.5	18.5
9 18	0 13.79	−11 54.5	1.858	2.847	4.4	18.4
9 28	0 7.22	−13 27.6	1.870	2.848	5.5	18.5
10 8	0 0.93	−14 44.1	1.909	2.849	8.4	18.7
10 18	23 55.70	−15 39.1	1.974	2.850	11.5	18.9
10 28	23 52.14	−16 10.5	2.060	2.851	14.2	19.1

474328 2002 EK_4 9 25.4 123.°44 1.°8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.85	+ 6 28.1	1.935	2.743	15.2	21.6
8 29	0 33.27	+ 6 41.1	1.861	2.754	12.0	21.4
9 8	0 25.54	+ 6 41.1	1.809	2.763	8.3	21.2
9 18	0 16.27	+ 6 29.4	1.782	2.773	4.3	21.0
9 28	0 6.34	+ 6 9.0	1.783	2.782	1.8	20.8
10 8	23 56.78	+ 5 44.6	1.812	2.791	5.1	21.0
10 18	23 48.54	+ 5 21.1	1.870	2.800	9.0	21.3
10 28	23 42.35	+ 5 3.1	1.952	2.808	12.4	21.5

98575 2000 WQ_{35} 9 25.4 240.°86 2.°2/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.92	− 1 50.7	2.104	2.945	13.0	20.2
8 29	0 28.74	− 2 46.2	2.013	2.931	10.0	20.0
9 8	0 22.63	− 3 51.9	1.945	2.917	6.5	19.8
9 18	0 15.05	− 5 3.1	1.904	2.902	3.0	19.5
9 28	0 6.75	− 6 13.1	1.892	2.886	3.0	19.5
10 8	23 58.61	− 7 15.3	1.908	2.870	6.6	19.7
10 18	23 51.49	− 8 4.0	1.950	2.853	10.2	19.9
10 28	23 46.11	− 8 35.6	2.017	2.836	13.5	20.1

472246 2014 LF_{10} 9 25.4 48.°33 1.°7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.08	+ 9 12.9	1.870	2.686	15.3	20.8
8 29	0 26.63	+ 8 45.9	1.799	2.695	12.1	20.6
9 8	0 21.21	+ 8 1.2	1.749	2.704	8.4	20.4
9 18	0 14.40	+ 7 1.4	1.723	2.714	4.4	20.1
9 28	0 7.01	+ 5 51.8	1.724	2.723	1.8	20.0
10 8	23 59.97	+ 4 39.5	1.752	2.733	5.0	20.2
10 18	23 54.11	+ 3 31.5	1.808	2.743	8.8	20.5
10 28	23 50.09	+ 2 34.0	1.888	2.753	12.3	20.7

239642 2008 WO_{45} 9 25.4 173.°44 1.°6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.29	− 1 11.4	2.122	2.957	13.1	20.8
8 29	0 29.61	− 1 49.4	2.045	2.960	10.0	20.6
9 8	0 23.07	− 2 36.2	1.992	2.962	6.5	20.3
9 18	0 15.19	− 3 27.5	1.965	2.963	2.8	20.1
9 28	0 6.72	− 4 18.0	1.967	2.964	2.3	20.1
10 8	23 58.56	− 5 1.8	1.997	2.965	5.9	20.3
10 18	23 51.48	− 5 34.7	2.055	2.965	9.5	20.5
10 28	23 46.16	− 5 53.5	2.137	2.965	12.6	20.8

419883 2011 AO_{40} 9 25.4 347.°93 12.°5/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.39	+39 13.3	2.292	2.880	18.4	20.4
8 29	0 31.26	+40 45.6	2.204	2.877	17.2	20.3
9 8	0 24.67	+41 53.5	2.130	2.874	15.8	20.2
9 18	0 16.07	+42 31.6	2.073	2.872	14.3	20.1
9 28	0 6.35	+42 35.7	2.035	2.870	13.2	20.0
10 8	23 56.67	+42 5.8	2.018	2.868	12.5	20.0
10 18	23 48.20	+41 5.5	2.023	2.867	12.6	20.0
10 28	23 41.96	+39 42.5	2.049	2.866	13.4	20.0

257137 2008 GL_{144} 9 25.4 84.°00 10.°4/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.18	−30 33.4	2.170	3.008	12.8	19.9
8 29	0 29.61	−32 14.1	2.141	3.018	11.3	19.8
9 8	0 23.04	−33 41.1	2.135	3.029	10.5	19.8
9 18	0 15.13	−34 46.6	2.153	3.040	10.6	19.8
9 28	0 6.77	−35 24.4	2.194	3.051	11.5	19.9
10 8	23 58.90	−35 32.3	2.258	3.061	13.0	20.1
10 18	23 52.37	−35 11.2	2.341	3.072	14.5	20.2
10 28	23 47.77	−34 24.3	2.442	3.083	15.9	20.3

71839 2000 UW_{70} 9 25.4 35.°50 0.°9/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.61	− 0 4.2	1.028	1.901	21.1	19.1
8 29	0 33.60	− 0 1.0	0.982	1.915	16.2	18.8
9 8	0 26.31	− 0 11.8	0.954	1.930	10.6	18.6
9 18	0 16.68	− 0 31.9	0.946	1.945	4.4	18.3
9 28	0 6.23	− 0 53.8	0.962	1.962	2.2	18.2
10 8	23 56.69	− 1 9.9	1.001	1.980	8.1	18.7
10 18	23 49.41	− 1 14.4	1.062	1.998	13.4	19.0
10 28	23 45.28	− 1 3.6	1.143	2.017	17.9	19.3

339094 2004 RU_{158} 9 25.4 17.°37 1.°9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.70	+ 7 20.2	1.264	2.114	19.4	20.5
8 29	0 27.97	+ 7 14.5	1.203	2.119	15.3	20.3
9 8	0 22.54	+ 6 47.6	1.159	2.125	10.5	20.0
9 18	0 15.08	+ 6 2.3	1.137	2.131	5.3	19.8
9 28	0 6.77	+ 5 4.9	1.139	2.139	2.0	19.6
10 8	23 58.97	+ 4 4.4	1.165	2.148	6.5	19.9
10 18	23 52.86	+ 3 10.0	1.215	2.158	11.4	20.2
10 28	23 49.33	+ 2 29.0	1.287	2.168	15.8	20.5

29857 1999 FS_{28} 9 25.4 110.°04 0.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.44	+ 3 6.2	2.042	2.873	13.7	18.5
8 29	0 27.52	+ 2 33.3	1.965	2.875	10.6	18.3
9 8	0 21.75	+ 1 48.1	1.911	2.877	6.9	18.1
9 18	0 14.64	+ 0 54.3	1.882	2.880	3.0	17.9
9 28	0 6.94	− 0 3.0	1.881	2.882	1.2	17.7
10 8	23 59.53	− 0 57.5	1.909	2.884	5.3	18.0
10 18	23 53.20	− 1 43.9	1.963	2.886	9.0	18.3
10 28	23 48.61	− 2 17.9	2.042	2.888	12.3	18.5

91948 1999 VV_{67} 9 25.4 275.°43 0.°9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.88	+ 0 41.2	2.331	3.164	12.2	19.7
8 29	0 27.01	+ 0 9.6	2.234	3.147	9.4	19.5
9 8	0 21.41	− 0 31.8	2.161	3.129	6.1	19.2
9 18	0 14.52	− 1 19.8	2.113	3.112	2.6	19.0
9 28	0 6.97	− 2 9.6	2.095	3.094	1.6	18.9
10 8	23 59.55	− 2 56.1	2.105	3.076	5.3	19.1
10 18	23 53.00	− 3 34.6	2.142	3.058	8.8	19.3
10 28	23 47.98	− 4 1.1	2.205	3.040	11.9	19.5

504901 2011 AJ_{11} 9 25.4 223.°80 9.°9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.65	−28 46.2	2.256	3.082	12.7	22.5
8 29	0 35.49	−30 18.8	2.192	3.068	11.1	22.3
9 8	0 27.06	−31 41.5	2.153	3.054	10.1	22.2
9 18	0 16.96	−32 45.6	2.138	3.038	10.1	22.2
9 28	0 6.11	−33 23.5	2.149	3.021	11.1	22.3
10 8	23 55.60	−33 31.4	2.184	3.003	12.8	22.3
10 18	23 46.41	−33 9.3	2.240	2.984	14.7	22.4
10 28	23 39.35	−32 19.9	2.315	2.965	16.5	22.6

266994 2010 XH_{62} 9 25.4 304.°07 1.°0/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.90	+ 0 53.8	2.007	2.849	13.5	20.5
8 29	0 26.55	+ 0 18.7	1.913	2.830	10.4	20.2
9 8	0 21.26	− 0 28.1	1.842	2.812	6.8	20.0
9 18	0 14.50	− 1 22.8	1.796	2.795	2.9	19.7
9 28	0 6.98	− 2 20.0	1.777	2.777	1.9	19.6
10 8	23 59.60	− 3 13.1	1.787	2.759	5.9	19.8
10 18	23 53.23	− 3 56.6	1.822	2.742	9.8	20.0
10 28	23 48.60	− 4 25.9	1.882	2.725	13.3	20.2

479077 2013 AE_{93} 9 25.4 246.°84 0.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.87	+ 3 23.9	2.088	2.912	13.7	21.8
8 29	0 29.46	+ 3 9.5	1.998	2.903	10.7	21.6
9 8	0 23.10	+ 2 43.6	1.930	2.894	7.1	21.4
9 18	0 15.27	+ 2 8.6	1.888	2.884	3.2	21.1
9 28	0 6.71	+ 1 28.8	1.873	2.874	1.0	20.9
10 8	23 58.35	+ 0 49.4	1.888	2.864	5.2	21.2
10 18	23 51.04	+ 0 15.4	1.929	2.854	9.0	21.4
10 28	23 45.51	− 0 8.6	1.996	2.844	12.5	21.6

114968 2003 QO_{62} 9 25.4 328.°62 2.°6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.53	− 1 52.6	1.895	2.753	13.5	19.1
8 29	0 24.03	− 3 1.4	1.810	2.738	10.3	18.8
9 8	0 19.63	− 4 22.2	1.748	2.723	6.6	18.6
9 18	0 13.79	− 5 49.0	1.712	2.709	3.2	18.4
9 28	0 7.25	− 7 14.1	1.703	2.696	3.6	18.4
10 8	0 0.91	− 8 29.4	1.721	2.683	7.2	18.5
10 18	23 55.60	− 9 28.5	1.764	2.671	11.0	18.8
10 28	23 52.03	−10 7.2	1.831	2.659	14.3	18.9

439402 2013 BA_{46} 9 25.4 265.°00 3.°7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.80	−17 57.6	4.437	5.283	6.6	20.7
8 29	0 21.51	−18 42.2	4.369	5.279	5.2	20.6
9 8	0 17.38	−19 24.7	4.327	5.274	4.1	20.6
9 18	0 12.65	−20 2.3	4.313	5.270	3.7	20.5
9 28	0 7.69	−20 32.3	4.328	5.266	4.2	20.6
10 8	0 2.84	−20 52.6	4.370	5.262	5.4	20.6
10 18	23 58.45	−21 1.9	4.439	5.258	6.7	20.7
10 28	23 54.85	−20 59.7	4.532	5.254	8.0	20.8

220543 2004 FF_{124} 9 25.4 265.°29 0.°6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.52	+ 5 1.8	1.638	2.471	16.4	21.4
8 29	0 30.60	+ 4 43.1	1.547	2.456	13.0	21.2
9 8	0 24.20	+ 4 7.8	1.477	2.442	8.8	20.9
9 18	0 15.86	+ 3 18.4	1.431	2.427	4.0	20.6
9 28	0 6.49	+ 2 20.4	1.411	2.412	1.3	20.3
10 8	23 57.30	+ 1 21.4	1.418	2.397	6.2	20.6
10 18	23 49.42	+ 0 28.9	1.450	2.381	11.0	20.9
10 28	23 43.81	− 0 10.5	1.506	2.366	15.2	21.1

379592 2011 CZ_2 9 25.4 273.°93 7.°2/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.84	−12 24.7	1.563	2.434	15.2	20.9
8 29	0 30.19	−13 59.8	1.486	2.416	11.9	20.7
9 8	0 23.98	−15 40.0	1.432	2.398	8.8	20.5
9 18	0 15.76	−17 15.0	1.402	2.380	7.3	20.3
9 28	0 6.53	−18 33.4	1.397	2.361	8.7	20.4
10 8	23 57.54	−19 26.2	1.417	2.342	11.9	20.5
10 18	23 49.98	−19 48.6	1.460	2.323	15.5	20.7
10 28	23 44.80	−19 40.2	1.522	2.304	18.8	20.9

387074 2012 TF_{90} 9 25.4 7.°93 1.°6/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.83	+ 0 41.0	1.433	2.294	16.9	21.0
8 29	0 27.80	− 0 5.1	1.367	2.294	13.0	20.7
9 8	0 22.30	− 1 6.2	1.320	2.295	8.4	20.5
9 18	0 14.97	− 2 16.3	1.297	2.296	3.5	20.2
9 28	0 6.85	− 3 26.9	1.300	2.298	2.7	20.2
10 8	23 59.15	− 4 28.9	1.328	2.301	7.4	20.5
10 18	23 52.95	− 5 15.1	1.380	2.304	12.0	20.7
10 28	23 49.07	− 5 41.1	1.454	2.308	16.0	21.0

206620 2003 WW_{123} 9 25.4 348.°84 3.°1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.75	+ 8 50.9	1.409	2.245	18.5	19.2
8 29	0 27.96	+ 9 7.8	1.331	2.237	14.8	19.0
9 8	0 22.58	+ 9 5.5	1.273	2.231	10.6	18.7
9 18	0 15.16	+ 8 44.3	1.236	2.225	6.0	18.5
9 28	0 6.76	+ 8 7.9	1.223	2.221	3.1	18.3
10 8	23 58.65	+ 7 23.1	1.235	2.217	6.3	18.5
10 18	23 52.03	+ 6 37.8	1.271	2.215	10.9	18.7
10 28	23 47.86	+ 5 59.9	1.329	2.213	15.2	19.0

2514 Taiyuan 9 25.4 351.°09 0.°1/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.53	+ 3 4.5	1.555	2.400	16.5	16.5
8 29	0 28.99	+ 2 52.5	1.480	2.397	12.9	16.3
9 8	0 23.05	+ 2 26.1	1.425	2.394	8.6	16.1
9 18	0 15.31	+ 1 48.7	1.394	2.392	3.8	15.8
9 28	0 6.73	+ 1 5.8	1.389	2.390	1.3	15.6
10 8	23 58.49	+ 0 24.5	1.410	2.389	6.2	15.9
10 18	23 51.66	− 0 8.9	1.456	2.388	10.8	16.2
10 28	23 47.09	− 0 29.2	1.525	2.388	14.8	16.4

120292 2004 JA_9 9 25.4 100.°13 0.°7/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.73	+ 5 17.9	1.693	2.518	16.3	21.4
8 29	0 31.80	+ 4 55.7	1.631	2.536	12.7	21.2
9 8	0 24.63	+ 4 18.2	1.591	2.553	8.5	21.0
9 18	0 15.88	+ 3 28.9	1.575	2.571	3.9	20.8
9 28	0 6.55	+ 2 33.5	1.586	2.587	1.2	20.6
10 8	23 57.74	+ 1 39.1	1.625	2.604	5.6	21.0
10 18	23 50.39	+ 0 52.2	1.691	2.620	9.8	21.3
10 28	23 45.23	+ 0 17.6	1.781	2.635	13.4	21.5

463419 2013 HQ_{118} 9 25.4 20.°95 1.°3/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.91	+ 2 3.3	1.093	1.964	20.2	21.4
8 29	0 30.06	+ 1 23.8	1.034	1.967	15.6	21.1
9 8	0 24.12	+ 0 24.6	0.993	1.970	10.2	20.8
9 18	0 15.84	− 0 47.9	0.974	1.973	4.3	20.5
9 28	0 6.56	− 2 3.1	0.977	1.977	2.6	20.4
10 8	23 57.87	− 3 9.6	1.005	1.982	8.4	20.8
10 18	23 51.16	− 3 58.1	1.054	1.987	13.8	21.1
10 28	23 47.39	− 4 23.2	1.123	1.993	18.5	21.4

388889 2008 RZ_{123} 9 25.4 16.°24 0.°3/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.01	+ 4 34.8	4.169	4.976	7.7	21.2
8 29	0 20.95	+ 4 13.0	4.082	4.977	5.9	21.1
9 8	0 17.03	+ 3 44.9	4.019	4.978	4.0	21.0
9 18	0 12.52	+ 3 11.9	3.984	4.979	1.8	20.8
9 28	0 7.75	+ 2 36.3	3.979	4.980	0.6	20.7
10 8	0 3.10	+ 2 0.6	4.005	4.982	2.7	20.9
10 18	23 58.90	+ 1 27.3	4.059	4.983	4.8	21.0
10 28	23 55.48	+ 0 58.5	4.141	4.984	6.6	21.2

339194 2004 TK_{202} 9 25.4 12.°29 5.°3/29.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.35	+13 42.0	0.991	1.845	23.1	20.1
8 29	0 23.68	+14 1.0	0.940	1.852	18.9	19.9
9 8	0 20.00	+13 47.8	0.904	1.860	14.1	19.6
9 18	0 14.08	+13 2.9	0.886	1.871	9.0	19.4
9 28	0 7.21	+11 52.1	0.889	1.883	5.4	19.3
10 8	0 0.94	+10 27.1	0.914	1.898	7.4	19.4
10 18	23 56.59	+ 9 1.1	0.960	1.915	12.0	19.7
10 28	23 55.05	+ 7 46.4	1.026	1.934	16.5	20.1

133219 2003 QA_{79} 9 25.4 346.°56 7.°3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.77	+20 6.8	1.379	2.175	20.8	18.3
8 29	0 24.33	+20 27.9	1.298	2.164	17.8	18.1
9 8	0 20.31	+20 18.4	1.232	2.155	14.2	17.8
9 18	0 14.23	+19 35.5	1.185	2.147	10.5	17.6
9 28	0 7.11	+18 20.8	1.161	2.140	7.7	17.4
10 8	0 0.24	+16 41.6	1.160	2.135	8.0	17.4
10 18	23 54.85	+14 49.6	1.182	2.130	11.1	17.6
10 28	23 51.92	+12 58.3	1.227	2.127	15.0	17.8

420883 2013 LJ_6 9 25.4 13.°11 1.°6/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.07	+ 0 52.8	1.039	1.917	20.5	20.5
8 29	0 29.54	+ 0 20.9	0.982	1.919	15.8	20.2
9 8	0 23.84	− 0 29.3	0.944	1.922	10.3	20.0
9 18	0 15.74	− 1 31.1	0.925	1.925	4.3	19.6
9 28	0 6.62	− 2 34.2	0.930	1.930	2.8	19.6
10 8	23 58.12	− 3 27.7	0.957	1.935	8.7	19.9
10 18	23 51.66	− 4 3.1	1.006	1.941	14.1	20.3
10 28	23 48.21	− 4 15.6	1.075	1.948	18.8	20.6

24530 2001 CP_{18} 9 25.4 328.°38 1.°6/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 23.86	− 4 13.7	3.822	4.661	7.7	18.4
8 29	0 20.94	− 4 56.2	3.737	4.655	5.8	18.3
9 8	0 17.08	− 5 42.6	3.678	4.649	3.7	18.1
9 18	0 12.56	− 6 30.2	3.647	4.643	1.9	18.0
9 28	0 7.76	− 7 15.8	3.646	4.637	2.1	18.0
10 8	0 3.06	− 7 56.5	3.675	4.632	4.0	18.1
10 18	23 58.86	− 8 29.8	3.732	4.626	6.1	18.3
10 28	23 55.50	− 8 53.8	3.815	4.621	7.9	18.4

117131 2004 PW_{60} 9 25.4 304.°41 0.°1/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.40	+ 4 25.1	2.828	3.647	10.6	19.2
8 29	0 23.31	+ 3 47.8	2.723	3.626	8.3	19.0
9 8	0 18.87	+ 2 59.6	2.641	3.604	5.5	18.8
9 18	0 13.41	+ 2 3.2	2.586	3.582	2.4	18.6
9 28	0 7.45	+ 1 2.3	2.560	3.561	0.8	18.4
10 8	0 1.57	+ 0 1.6	2.563	3.539	4.1	18.7
10 18	23 56.34	− 0 54.5	2.595	3.518	7.1	18.8
10 28	23 52.30	− 1 41.9	2.653	3.496	9.9	19.0

54711 2001 HJ_{23} 9 25.4 25.°20 1.°0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.14	+ 0 22.6	0.977	1.859	21.2	18.3
8 29	0 30.28	+ 0 14.8	0.934	1.872	16.3	18.1
9 8	0 24.20	− 0 8.7	0.909	1.887	10.6	17.8
9 18	0 15.83	− 0 42.2	0.903	1.903	4.4	17.6
9 28	0 6.66	− 1 17.2	0.920	1.920	2.3	17.5
10 8	23 58.36	− 1 44.8	0.959	1.939	8.2	17.9
10 18	23 52.25	− 1 58.3	1.020	1.959	13.5	18.3
10 28	23 49.17	− 1 54.0	1.101	1.981	18.0	18.6

300439 2007 TH_{39} 9 25.4 337.°99 0.°8/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.31	+ 6 32.0	1.718	2.550	15.8	20.9
8 29	0 27.10	+ 6 1.7	1.638	2.546	12.4	20.6
9 8	0 21.73	+ 5 13.9	1.579	2.543	8.4	20.4
9 18	0 14.74	+ 4 11.7	1.544	2.540	4.0	20.1
9 28	0 7.01	+ 3 1.0	1.536	2.537	1.2	19.9
10 8	23 59.55	+ 1 49.5	1.554	2.534	5.6	20.2
10 18	23 53.33	+ 0 45.0	1.599	2.532	9.9	20.5
10 28	23 49.13	− 0 6.3	1.667	2.530	13.8	20.7

291081 2005 YY_{120} 9 25.4 183.°41 6.°1/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.88	−16 55.0	2.425	3.281	11.0	20.4
8 29	0 26.86	−18 14.4	2.364	3.281	8.7	20.2
9 8	0 21.22	−19 31.8	2.329	3.281	6.8	20.1
9 18	0 14.42	−20 40.6	2.320	3.281	6.1	20.1
9 28	0 7.14	−21 34.7	2.338	3.280	7.1	20.1
10 8	0 0.14	−22 9.8	2.383	3.280	9.0	20.3
10 18	23 54.11	−22 23.8	2.453	3.279	11.3	20.4
10 28	23 49.60	−22 16.9	2.543	3.278	13.3	20.6

285317 1998 YR_{21} 9 25.4 222.°20 1.°8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.41	− 1 58.5	2.372	3.208	11.9	22.0
8 29	0 28.09	− 2 43.8	2.285	3.200	9.1	21.8
9 8	0 22.09	− 3 37.2	2.221	3.191	5.9	21.6
9 18	0 14.83	− 4 34.8	2.184	3.182	2.7	21.4
9 28	0 6.99	− 5 31.1	2.177	3.172	2.5	21.4
10 8	23 59.33	− 6 20.9	2.198	3.162	5.7	21.6
10 18	23 52.58	− 6 59.6	2.247	3.151	9.0	21.8
10 28	23 47.38	− 7 24.3	2.321	3.140	12.0	21.9

8654 1990 KC_1 9 25.4 188.°16 7.°1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.96	−15 56.1	1.942	2.803	13.1	17.7
8 29	0 29.63	−17 29.3	1.882	2.802	10.4	17.6
9 8	0 23.23	−19 1.6	1.846	2.802	8.0	17.4
9 18	0 15.34	−20 24.1	1.836	2.801	7.1	17.4
9 28	0 6.83	−21 28.6	1.853	2.799	8.3	17.4
10 8	23 58.67	−22 9.3	1.895	2.798	10.7	17.6
10 18	23 51.77	−22 23.9	1.961	2.796	13.3	17.8
10 28	23 46.82	−22 12.9	2.047	2.793	15.8	17.9

509061 2005 TW_{91} 9 25.4 11.°37 4.°1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.64	+10 23.1	0.965	1.831	22.8	20.3
8 29	0 25.53	+10 43.3	0.913	1.834	18.4	20.1
9 8	0 21.30	+10 35.3	0.876	1.840	13.2	19.8
9 18	0 14.68	+ 9 59.9	0.858	1.848	7.7	19.6
9 28	0 7.06	+ 9 3.2	0.861	1.858	4.1	19.4
10 8	0 0.05	+ 7 56.1	0.885	1.870	7.3	19.6
10 18	23 55.04	+ 6 50.6	0.930	1.884	12.5	20.0
10 28	23 53.00	+ 5 57.4	0.995	1.900	17.2	20.3

41334 1999 XE_{242} 9 25.4 42.°55 4.°9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.08	+17 31.7	2.112	2.877	15.5	18.6
8 29	0 27.33	+17 44.9	2.032	2.883	12.9	18.4
9 8	0 21.70	+17 38.6	1.971	2.889	10.0	18.2
9 18	0 14.69	+17 12.3	1.934	2.896	7.0	18.1
9 28	0 7.05	+16 28.0	1.922	2.903	5.0	18.0
10 8	23 59.69	+15 30.4	1.938	2.910	5.6	18.0
10 18	23 53.40	+14 25.9	1.981	2.917	8.2	18.2
10 28	23 48.86	+13 21.4	2.049	2.924	11.0	18.4

388948 2008 TV_{17} 9 25.4 291.°01 3.°0/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.95	− 5 30.4	1.674	2.528	15.2	21.5
8 29	0 32.34	− 5 51.5	1.593	2.516	11.7	21.2
9 8	0 25.26	− 6 18.7	1.533	2.505	7.7	21.0
9 18	0 16.32	− 6 47.0	1.498	2.494	3.9	20.7
9 28	0 6.47	− 7 10.1	1.489	2.483	3.9	20.7
10 8	23 56.91	− 7 22.3	1.507	2.472	7.8	20.9
10 18	23 48.73	− 7 19.6	1.551	2.461	11.9	21.1
10 28	23 42.83	− 7 0.2	1.617	2.450	15.6	21.3

396102 2013 CJ_{139} 9 25.4 10.°53 3.°2/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.34	− 4 17.5	1.862	2.718	13.8	20.9
8 29	0 27.65	− 5 18.9	1.792	2.718	10.5	20.7
9 8	0 21.95	− 6 28.7	1.745	2.718	6.8	20.5
9 18	0 14.81	− 7 40.7	1.723	2.718	3.6	20.3
9 28	0 7.04	− 8 47.3	1.729	2.719	4.1	20.3
10 8	23 59.59	− 9 41.6	1.762	2.719	7.5	20.5
10 18	23 53.32	−10 18.8	1.820	2.719	11.1	20.8
10 28	23 48.94	−10 36.3	1.901	2.720	14.2	21.0

430738 2004 HH_{21} 9 25.4 190.°30 3.°6/18.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.25	−18 51.0	4.470	5.308	6.7	21.1
8 29	0 24.08	−19 18.2	4.403	5.308	5.3	21.0
9 8	0 19.04	−19 42.5	4.363	5.307	4.2	20.9
9 18	0 13.41	−20 1.4	4.350	5.307	3.6	20.9
9 28	0 7.55	−20 12.5	4.366	5.307	4.1	20.9
10 8	0 1.84	−20 14.2	4.411	5.306	5.3	21.0
10 18	23 56.65	−20 5.6	4.483	5.305	6.6	21.1
10 28	23 52.29	−19 46.3	4.579	5.305	7.9	21.2

413002 1999 VG_{22} 9 25.4 259.°99 3.°3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 43.31	+ 9 53.4	1.159	1.986	22.2	21.6
8 29	0 39.19	+ 9 55.9	1.056	1.957	18.3	21.2
9 8	0 31.15	+ 9 31.7	0.968	1.925	13.3	20.8
9 18	0 19.44	+ 8 38.1	0.901	1.892	7.4	20.4
9 28	0 5.21	+ 7 17.7	0.857	1.856	3.4	20.0
10 8	23 50.43	+ 5 40.4	0.838	1.819	8.7	20.2
10 18	23 37.30	+ 4 0.6	0.842	1.781	15.7	20.4
10 28	23 27.74	+ 2 33.9	0.866	1.740	22.2	20.7

494496 2016 WQ_{46} 9 25.4 21.°80 3.°6/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.08	− 6 28.5	1.866	2.722	13.7	21.0
8 29	0 28.97	− 7 17.7	1.797	2.722	10.5	20.8
9 8	0 22.81	− 8 12.8	1.751	2.723	6.9	20.6
9 18	0 15.18	− 9 7.5	1.730	2.724	4.0	20.4
9 28	0 6.92	− 9 55.3	1.737	2.724	4.5	20.5
10 8	23 59.01	−10 29.9	1.771	2.725	7.7	20.7
10 18	23 52.33	−10 47.7	1.830	2.726	11.2	20.9
10 28	23 47.58	−10 46.9	1.911	2.727	14.3	21.1

404081 2012 DK_{89} 9 25.4 204.°65 2.°6/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.06	− 5 40.7	2.531	3.375	11.0	21.1
8 29	0 26.91	− 6 26.1	2.453	3.372	8.3	21.0
9 8	0 21.23	− 7 16.5	2.399	3.370	5.5	20.8
9 18	0 14.45	− 8 7.4	2.373	3.367	3.0	20.6
9 28	0 7.18	− 8 53.9	2.376	3.364	3.3	20.6
10 8	0 0.14	− 9 31.5	2.407	3.361	6.0	20.8
10 18	23 53.96	− 9 56.8	2.465	3.357	8.8	21.0
10 28	23 49.20	−10 7.9	2.548	3.354	11.4	21.2

509955 2009 SA_{82} 9 25.4 355.°86 0.°7/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.02	+ 2 3.5	1.153	2.017	19.9	20.6
8 29	0 31.73	+ 2 26.4	1.086	2.012	15.6	20.4
9 8	0 25.31	+ 2 35.3	1.037	2.009	10.5	20.1
9 18	0 16.45	+ 2 32.3	1.009	2.007	4.8	19.7
9 28	0 6.45	+ 2 22.3	1.004	2.005	1.5	19.5
10 8	23 56.91	+ 2 11.7	1.023	2.005	7.4	19.9
10 18	23 49.29	+ 2 6.9	1.065	2.007	12.8	20.2
10 28	23 44.65	+ 2 13.1	1.127	2.009	17.5	20.5

12599 Singhal 9 25.4 242.°34 3.°4/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.60	− 2 55.5	1.499	2.361	16.2	18.5
8 29	0 29.93	− 4 2.8	1.428	2.357	12.4	18.3
9 8	0 23.75	− 5 22.7	1.377	2.352	8.1	18.0
9 18	0 15.68	− 6 47.6	1.351	2.348	4.1	17.8
9 28	0 6.74	− 8 7.8	1.352	2.344	4.5	17.8
10 8	23 58.17	− 9 13.8	1.378	2.339	8.7	18.0
10 18	23 51.08	− 9 59.0	1.428	2.335	13.0	18.3
10 28	23 46.34	−10 19.9	1.500	2.330	16.8	18.5

86541 2000 DJ_{105} 9 25.4 142.°41 2.°9/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.34	− 3 16.3	1.735	2.585	14.9	20.2
8 29	0 30.81	− 4 12.2	1.669	2.591	11.3	20.0
9 8	0 24.06	− 5 17.4	1.625	2.598	7.3	19.8
9 18	0 15.73	− 6 25.5	1.607	2.604	3.6	19.6
9 28	0 6.74	− 7 28.8	1.616	2.609	3.8	19.6
10 8	23 58.18	− 8 20.2	1.653	2.614	7.5	19.8
10 18	23 50.99	− 8 54.6	1.715	2.619	11.4	20.1
10 28	23 45.91	− 9 9.5	1.800	2.624	14.7	20.3

507395 2012 HF_{49} 9 25.4 154.°49 0.°3/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.03	+ 4 46.9	1.804	2.626	15.6	22.6
8 29	0 32.06	+ 4 17.3	1.731	2.634	12.1	22.4
9 8	0 24.88	+ 3 32.8	1.678	2.641	8.1	22.2
9 18	0 16.09	+ 2 36.9	1.651	2.648	3.6	21.9
9 28	0 6.61	+ 1 35.3	1.652	2.654	1.1	21.8
10 8	23 57.52	+ 0 35.2	1.682	2.659	5.7	22.1
10 18	23 49.79	− 0 17.0	1.738	2.663	9.9	22.4
10 28	23 44.15	− 0 56.0	1.819	2.667	13.5	22.6

112153 2002 JP_{71} 9 25.4 161.°68 2.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.27	+ 0 15.0	1.697	2.540	15.5	20.1
8 29	0 30.84	− 0 48.2	1.626	2.545	11.8	19.9
9 8	0 24.14	− 2 5.0	1.578	2.550	7.6	19.7
9 18	0 15.78	− 3 29.1	1.555	2.554	3.3	19.4
9 28	0 6.72	− 4 52.3	1.560	2.557	2.9	19.4
10 8	23 58.05	− 6 5.8	1.593	2.560	7.1	19.7
10 18	23 50.77	− 7 3.1	1.651	2.562	11.3	19.9
10 28	23 45.63	− 7 40.2	1.733	2.564	14.9	20.2

505382 2013 KR_{16} 9 25.4 25.°74 9.°1/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.98	−12 30.0	0.866	1.773	20.8	20.1
8 29	0 29.68	−13 54.9	0.836	1.785	16.2	19.8
9 8	0 23.91	−15 19.1	0.823	1.799	11.7	19.7
9 18	0 15.72	−16 28.2	0.829	1.815	9.2	19.6
9 28	0 6.81	−17 8.9	0.856	1.832	10.5	19.7
10 8	23 58.94	−17 14.3	0.903	1.850	14.1	20.0
10 18	23 53.46	−16 44.6	0.969	1.870	18.2	20.3
10 28	23 51.15	−15 44.1	1.051	1.890	21.7	20.6

357817 2005 TJ_{192} 9 25.4 7.°04 0.°9/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.42	− 0 58.8	1.894	2.733	14.3	20.5
8 29	0 30.75	− 1 0.5	1.818	2.733	11.0	20.3
9 8	0 24.00	− 1 10.1	1.765	2.734	7.2	20.0
9 18	0 15.71	− 1 24.6	1.737	2.735	3.0	19.8
9 28	0 6.76	− 1 39.6	1.736	2.736	1.7	19.7
10 8	23 58.14	− 1 50.7	1.764	2.738	5.8	20.0
10 18	23 50.76	− 1 54.2	1.818	2.740	9.7	20.2
10 28	23 45.34	− 1 47.2	1.896	2.742	13.1	20.4

18334 Drozdov 9 25.4 31.°72 2.°6/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.60	− 0 41.0	1.153	2.031	19.0	17.0
8 29	0 27.86	− 1 39.1	1.112	2.049	14.3	16.8
9 8	0 22.39	− 2 51.4	1.090	2.069	9.2	16.6
9 18	0 15.03	− 4 9.4	1.090	2.089	4.0	16.4
9 28	0 7.05	− 5 22.2	1.114	2.111	3.7	16.4
10 8	23 59.82	− 6 20.2	1.162	2.134	8.5	16.8
10 18	23 54.43	− 6 57.0	1.233	2.158	13.1	17.1
10 28	23 51.60	− 7 10.0	1.324	2.182	17.0	17.4

482984 2014 OJ_{7} 9 25.4 56.°14 3.°9/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.29	+13 38.0	2.192	2.971	14.6	20.9
8 29	0 28.92	+13 58.4	2.113	2.978	11.9	20.7
9 8	0 22.70	+14 2.8	2.055	2.986	8.9	20.5
9 18	0 15.14	+13 51.1	2.021	2.994	5.9	20.4
9 28	0 6.98	+13 25.4	2.014	3.002	3.9	20.3
10 8	23 59.08	+12 49.4	2.035	3.010	5.1	20.4
10 18	23 52.24	+12 8.5	2.084	3.018	7.9	20.6
10 28	23 47.12	+11 28.3	2.158	3.027	10.8	20.8

331119 2010 UJ_{62} 9 25.4 219.°28 4.°0/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.81	+13 44.9	1.769	2.558	17.1	21.8
8 29	0 31.47	+13 46.3	1.678	2.551	14.1	21.6
9 8	0 24.74	+13 26.5	1.606	2.544	10.4	21.3
9 18	0 16.14	+12 45.2	1.558	2.536	6.6	21.1
9 28	0 6.60	+11 45.4	1.535	2.528	4.0	20.9
10 8	23 57.25	+10 33.5	1.540	2.519	5.9	21.0
10 18	23 49.19	+ 9 17.7	1.572	2.509	9.8	21.2
10 28	23 43.33	+ 8 6.8	1.629	2.499	13.6	21.4

224051 2005 MC_{42} 9 25.4 23.°56 1.°3/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.33	+ 7 37.9	0.979	1.851	22.0	19.2
8 29	0 25.86	+ 7 7.2	0.935	1.864	17.2	18.9
9 8	0 21.35	+ 6 9.3	0.907	1.879	11.6	18.7
9 18	0 14.67	+ 4 50.0	0.899	1.896	5.5	18.4
9 28	0 7.18	+ 3 20.0	0.913	1.914	1.6	18.2
10 8	0 0.42	+ 1 52.6	0.949	1.933	7.3	18.6
10 18	23 55.65	+ 0 39.4	1.008	1.954	12.7	19.0
10 28	23 53.69	− 0 11.8	1.086	1.976	17.3	19.4

76975 2001 BJ_{56} 9 25.4 140.°51 6.°9/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.47	−14 24.8	1.896	2.761	13.2	19.6
8 29	0 28.50	−16 7.4	1.841	2.765	10.4	19.4
9 8	0 22.50	−17 50.1	1.810	2.769	7.9	19.3
9 18	0 15.06	−19 23.8	1.805	2.773	6.9	19.2
9 28	0 7.02	−20 39.9	1.826	2.777	8.1	19.3
10 8	23 59.37	−21 32.0	1.874	2.781	10.5	19.5
10 18	23 52.97	−21 57.5	1.945	2.784	13.2	19.6
10 28	23 48.48	−21 56.8	2.036	2.787	15.7	19.8

342532 2008 UF_{216} 9 25.4 247.°10 1.°1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.47	+ 7 1.2	2.144	2.954	13.9	21.6
8 29	0 29.24	+ 6 39.0	2.044	2.938	11.0	21.4
9 8	0 23.06	+ 6 1.9	1.965	2.922	7.5	21.1
9 18	0 15.36	+ 5 12.0	1.912	2.905	3.7	20.9
9 28	0 6.88	+ 4 13.4	1.887	2.887	1.3	20.7
10 8	23 58.51	+ 3 11.8	1.890	2.869	4.9	20.9
10 18	23 51.12	+ 2 13.5	1.922	2.851	8.8	21.1
10 28	23 45.46	+ 1 24.3	1.979	2.832	12.4	21.3

350873 2002 PB_{87} 9 25.4 146.°03 13.°2/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.26	+38 25.8	2.165	2.756	19.4	20.8
8 29	0 36.85	+40 16.5	2.082	2.758	18.0	20.6
9 8	0 28.58	+41 42.6	2.013	2.761	16.5	20.5
9 18	0 17.94	+42 37.3	1.961	2.763	15.0	20.4
9 28	0 5.93	+42 55.6	1.930	2.765	13.8	20.3
10 8	23 53.92	+42 36.9	1.919	2.767	13.2	20.3
10 18	23 43.30	+41 45.2	1.931	2.769	13.4	20.3
10 28	23 35.22	+40 28.8	1.964	2.770	14.3	20.4

512847 2016 UM_{146} 9 25.4 20.°95 4.°2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.83	+13 16.6	1.657	2.459	17.6	21.1
8 29	0 29.19	+13 30.4	1.581	2.462	14.4	20.9
9 8	0 23.20	+13 23.2	1.523	2.464	10.7	20.6
9 18	0 15.44	+12 55.3	1.488	2.467	6.8	20.4
9 28	0 6.88	+12 9.4	1.479	2.471	4.3	20.3
10 8	23 58.63	+11 11.7	1.495	2.474	5.9	20.4
10 18	23 51.76	+10 10.2	1.537	2.478	9.7	20.6
10 28	23 47.07	+ 9 12.8	1.603	2.482	13.3	20.9

259341 2003 FB_{132} 9 25.4 78.°99 2.°6/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.53	− 3 51.5	2.108	2.956	12.7	20.8
8 29	0 27.45	− 4 45.6	2.049	2.970	9.6	20.7
9 8	0 21.64	− 5 46.3	2.013	2.985	6.2	20.5
9 18	0 14.64	− 6 48.5	2.003	2.999	3.1	20.3
9 28	0 7.19	− 7 45.9	2.022	3.013	3.4	20.4
10 8	0 0.11	− 8 33.0	2.068	3.027	6.4	20.6
10 18	23 54.13	− 9 5.9	2.142	3.041	9.6	20.8
10 28	23 49.81	− 9 22.5	2.238	3.055	12.4	21.0

435587 2008 RP_{136} 9 25.4 42.°78 2.°8/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.83	− 4 57.4	1.470	2.327	16.7	21.0
8 29	0 33.82	− 5 8.1	1.410	2.335	12.8	20.7
9 8	0 26.19	− 5 25.0	1.370	2.343	8.4	20.5
9 18	0 16.70	− 5 42.9	1.355	2.352	4.0	20.3
9 28	0 6.49	− 5 55.8	1.365	2.361	3.6	20.3
10 8	23 56.86	− 5 58.4	1.402	2.370	7.8	20.6
10 18	23 48.94	− 5 47.4	1.463	2.380	12.0	20.8
10 28	23 43.54	− 5 21.4	1.547	2.389	15.8	21.1

66074 1998 RZ_{50} 9 25.4 91.°06 1.°0/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.63	+ 8 56.9	2.369	3.172	12.9	19.1
8 29	0 25.85	+ 8 2.6	2.299	3.190	10.1	19.0
9 8	0 20.53	+ 6 53.3	2.252	3.207	6.9	18.8
9 18	0 14.16	+ 5 32.4	2.232	3.225	3.4	18.6
9 28	0 7.39	+ 4 5.3	2.241	3.242	1.1	18.5
10 8	0 0.93	+ 2 38.2	2.280	3.259	4.2	18.7
10 18	23 55.41	+ 1 17.4	2.347	3.275	7.5	19.0
10 28	23 51.37	+ 0 7.8	2.441	3.292	10.4	19.2

288824 2004 RX_{184} 9 25.4 233.°92 3.°4/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.52	+13 16.6	2.356	3.133	13.7	20.5
8 29	0 28.29	+13 26.8	2.264	3.130	11.2	20.3
9 8	0 22.30	+13 21.9	2.194	3.126	8.3	20.2
9 18	0 15.00	+13 1.8	2.148	3.123	5.4	20.0
9 28	0 7.07	+12 28.6	2.130	3.119	3.5	19.8
10 8	23 59.31	+11 46.2	2.140	3.116	4.7	19.9
10 18	23 52.49	+10 59.6	2.178	3.112	7.6	20.1
10 28	23 47.25	+10 14.4	2.242	3.108	10.6	20.3

248549 2005 XY_{76} 9 25.4 8.°54 4.°1/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.29	− 9 24.2	1.944	2.800	13.3	20.1
8 29	0 29.81	− 9 59.1	1.876	2.801	10.2	19.9
9 8	0 23.34	−10 36.4	1.832	2.801	6.9	19.7
9 18	0 15.43	−11 10.5	1.812	2.802	4.4	19.5
9 28	0 6.94	−11 35.6	1.821	2.804	4.9	19.6
10 8	23 58.82	−11 46.9	1.856	2.805	7.8	19.7
10 18	23 51.92	−11 42.0	1.916	2.807	11.1	19.9
10 28	23 46.92	−11 20.0	2.000	2.809	14.0	20.1

327258 2005 SA_{119} 9 25.4 20.°83 12.°2/21.0 12 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.98	−22 11.5	0.811	1.711	22.6	19.2
8 29	0 35.83	−22 36.7	0.790	1.728	18.5	19.0
9 8	0 27.79	−22 43.9	0.785	1.747	14.6	18.9
9 18	0 17.30	−22 22.0	0.797	1.769	12.4	18.9
9 28	0 6.41	−21 24.3	0.830	1.793	12.9	19.0
10 8	23 57.09	−19 52.4	0.882	1.820	15.6	19.3
10 18	23 50.68	−17 53.6	0.953	1.847	19.0	19.6
10 28	23 47.81	−15 36.6	1.041	1.877	22.1	19.9

113193 2002 RX_{107} 9 25.4 14.°08 2.°5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.00	+11 29.0	1.458	2.288	18.3	18.5
8 29	0 24.88	+10 55.8	1.389	2.292	14.6	18.2
9 8	0 20.43	+ 9 57.7	1.340	2.296	10.3	18.0
9 18	0 14.26	+ 8 37.6	1.312	2.302	5.7	17.8
9 28	0 7.36	+ 7 2.4	1.310	2.309	2.5	17.6
10 8	0 0.84	+ 5 22.4	1.333	2.317	5.8	17.8
10 18	23 55.73	+ 3 48.1	1.382	2.325	10.3	18.1
10 28	23 52.81	+ 2 28.4	1.454	2.335	14.3	18.4

138029 2000 DP_2 9 25.4 205.°30 0.°5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.74	+ 2 54.4	1.789	2.622	15.2	20.9
8 29	0 30.45	+ 2 17.5	1.708	2.619	11.8	20.7
9 8	0 23.94	+ 1 26.4	1.648	2.616	7.8	20.4
9 18	0 15.77	+ 0 24.9	1.614	2.612	3.3	20.1
9 28	0 6.82	− 0 40.5	1.607	2.607	1.5	20.0
10 8	23 58.16	− 1 42.5	1.628	2.603	6.1	20.3
10 18	23 50.76	− 2 34.5	1.675	2.598	10.4	20.6
10 28	23 45.41	− 3 11.3	1.746	2.592	14.1	20.8

209184 2003 UW_{181} 9 25.4 305.°25 0.°0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.44	+ 3 1.0	1.656	2.498	15.9	21.4
8 29	0 29.00	+ 2 44.4	1.566	2.481	12.4	21.2
9 8	0 23.20	+ 2 13.5	1.496	2.465	8.3	20.9
9 18	0 15.53	+ 1 31.2	1.451	2.448	3.6	20.6
9 28	0 6.90	+ 0 43.0	1.431	2.432	1.3	20.4
10 8	23 58.43	− 0 4.1	1.438	2.416	6.3	20.7
10 18	23 51.21	− 0 43.4	1.471	2.401	10.9	20.9
10 28	23 46.16	− 1 9.3	1.526	2.386	15.0	21.1

472123 2014 BO_{23} 9 25.4 351.°09 0.°7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.32	+ 3 41.8	1.141	2.011	19.7	20.5
8 29	0 27.38	+ 3 44.1	1.072	2.002	15.5	20.2
9 8	0 22.50	+ 3 28.2	1.021	1.994	10.4	19.9
9 18	0 15.31	+ 2 57.0	0.990	1.988	4.8	19.6
9 28	0 7.00	+ 2 17.0	0.982	1.984	1.5	19.3
10 8	23 59.06	+ 1 36.7	0.997	1.981	7.3	19.7
10 18	23 52.89	+ 1 4.7	1.035	1.979	12.8	20.0
10 28	23 49.51	+ 0 47.7	1.092	1.979	17.5	20.3

399673 Kadenyuk 9 25.4 331.°86 6.°5/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.89	−13 56.8	1.873	2.743	13.1	19.9
8 29	0 26.66	−15 15.4	1.806	2.734	10.3	19.7
9 8	0 21.40	−16 34.9	1.761	2.725	7.7	19.6
9 18	0 14.65	−17 47.2	1.742	2.716	6.5	19.5
9 28	0 7.24	−18 44.2	1.749	2.708	7.6	19.5
10 8	0 0.13	−19 19.9	1.781	2.701	10.2	19.7
10 18	23 54.18	−19 31.2	1.836	2.694	13.1	19.8
10 28	23 50.11	−19 18.0	1.912	2.687	15.8	20.0

116207 2003 XS_{34} 9 25.4 244.°13 6.°8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.39	+20 14.1	2.030	2.772	16.7	19.8
8 29	0 31.77	+21 1.9	1.936	2.766	14.3	19.7
9 8	0 24.90	+21 30.0	1.861	2.759	11.6	19.5
9 18	0 16.25	+21 35.7	1.809	2.753	8.8	19.3
9 28	0 6.66	+21 18.5	1.781	2.746	7.0	19.2
10 8	23 57.19	+20 41.4	1.781	2.740	7.3	19.2
10 18	23 48.86	+19 49.8	1.806	2.733	9.5	19.3
10 28	23 42.56	+18 51.8	1.857	2.726	12.3	19.5

134632 1999 UG_7 9 25.4 349.°12 6.°2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 54.38	+ 4 9.9	1.126	1.954	22.6	17.5
8 29	0 47.55	+ 6 41.6	1.046	1.945	18.5	17.2
9 8	0 36.43	+ 9 12.2	0.985	1.938	13.6	16.9
9 18	0 21.62	+11 34.2	0.948	1.932	8.5	16.6
9 28	0 4.72	+13 39.1	0.936	1.928	6.3	16.5
10 8	23 48.02	+15 21.0	0.952	1.924	9.7	16.6
10 18	23 33.76	+16 39.6	0.992	1.922	14.8	16.9
10 28	23 23.58	+17 40.9	1.053	1.922	19.5	17.2

112377 2002 NP_{24} 9 25.4 52.°67 4.°3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.61	− 4 27.1	1.624	2.491	14.9	19.1
8 29	0 26.53	− 6 12.1	1.570	2.502	11.2	18.9
9 8	0 21.32	− 8 7.0	1.538	2.513	7.4	18.7
9 18	0 14.60	−10 2.4	1.532	2.525	4.5	18.5
9 28	0 7.30	−11 47.5	1.553	2.536	5.5	18.6
10 8	0 0.43	−13 13.4	1.600	2.548	9.0	18.9
10 18	23 54.90	−14 14.3	1.672	2.561	12.5	19.1
10 28	23 51.39	−14 48.3	1.766	2.573	15.6	19.3

210377 2007 VB_{63} 9 25.4 147.°03 2.°8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.02	− 4 43.9	2.004	2.852	13.3	20.7
8 29	0 29.56	− 5 24.7	1.933	2.854	10.1	20.5
9 8	0 23.17	− 6 12.0	1.885	2.857	6.6	20.3
9 18	0 15.39	− 7 0.6	1.863	2.859	3.4	20.1
9 28	0 7.02	− 7 44.5	1.869	2.861	3.5	20.1
10 8	23 58.98	− 8 18.3	1.903	2.863	6.8	20.3
10 18	23 52.10	− 8 38.1	1.963	2.865	10.3	20.5
10 28	23 47.05	− 8 41.8	2.047	2.867	13.3	20.7

487186 2014 OX_{336} 9 25.4 277.°82 5.°3/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.72	−13 55.9	2.300	3.157	11.5	21.5
8 29	0 27.64	−14 56.6	2.230	3.151	9.0	21.3
9 8	0 21.84	−15 57.2	2.185	3.146	6.6	21.2
9 18	0 14.80	−16 51.7	2.165	3.140	5.4	21.1
9 28	0 7.22	−17 34.0	2.173	3.135	6.2	21.1
10 8	23 59.91	−17 59.6	2.208	3.129	8.5	21.3
10 18	23 53.60	−18 6.2	2.268	3.124	11.0	21.4
10 28	23 48.88	−17 53.3	2.351	3.118	13.4	21.6

154231 2002 JO_{103} 9 25.4 85.°75 3.°3/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.45	− 7 19.9	2.286	3.134	11.8	20.5
8 29	0 28.03	− 8 7.2	2.227	3.149	9.0	20.3
9 8	0 21.98	− 8 58.1	2.193	3.163	5.9	20.2
9 18	0 14.82	− 9 47.3	2.185	3.177	3.5	20.0
9 28	0 7.25	−10 29.6	2.206	3.191	4.0	20.1
10 8	0 0.04	−11 0.6	2.255	3.205	6.6	20.3
10 18	23 53.86	−11 17.4	2.331	3.219	9.5	20.5
10 28	23 49.27	−11 18.7	2.431	3.233	12.0	20.7

91554 1999 RZ_{215} 9 25.4 7.°46 0.°3/30.8 09 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.24	+14 26.1	36.184	36.921	1.1	23.6
8 29	0 11.52	+14 25.0	36.098	36.935	0.9	23.6
9 8	0 10.72	+14 22.9	36.037	36.948	0.7	23.5
9 18	0 9.86	+14 19.8	36.002	36.961	0.5	23.5
9 28	0 8.98	+14 15.9	35.995	36.974	0.3	23.5
10 8	0 8.11	+14 11.4	36.018	36.988	0.4	23.5
10 18	0 7.28	+14 6.5	36.070	37.001	0.6	23.5
10 28	0 6.53	+14 1.5	36.150	37.014	0.8	23.6

228149 2009 ST_{28} 9 25.4 5.°27 0.°5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.64	+ 0 30.5	0.938	1.827	21.2	19.4
8 29	0 27.98	+ 0 39.5	0.885	1.826	16.5	19.1
9 8	0 23.02	+ 0 32.8	0.848	1.827	10.9	18.8
9 18	0 15.54	+ 0 14.7	0.830	1.830	4.7	18.5
9 28	0 6.99	− 0 7.5	0.834	1.835	2.0	18.4
10 8	23 59.07	− 0 25.1	0.860	1.842	8.2	18.8
10 18	23 53.27	− 0 31.2	0.906	1.852	13.9	19.1
10 28	23 50.58	− 0 20.9	0.971	1.862	18.7	19.4

442173 2010 WV_{51} 9 25.4 286.°90 1.°8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.59	+12 4.7	4.332	5.099	8.1	21.5
8 29	0 21.46	+11 56.2	4.231	5.092	6.5	21.4
9 8	0 17.45	+11 39.2	4.153	5.086	4.8	21.2
9 18	0 12.84	+11 14.4	4.102	5.079	3.0	21.1
9 28	0 7.94	+10 43.4	4.081	5.073	1.8	21.0
10 8	0 3.12	+10 8.3	4.089	5.066	2.6	21.1
10 18	23 58.73	+ 9 31.6	4.127	5.059	4.4	21.2
10 28	23 55.11	+ 8 56.0	4.193	5.053	6.2	21.3

397542 2007 TU_{300} 9 25.4 211.°98 0.°1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.01	+ 3 31.8	2.309	3.127	12.8	21.5
8 29	0 29.42	+ 3 10.6	2.219	3.121	9.9	21.3
9 8	0 23.05	+ 2 38.4	2.152	3.115	6.6	21.1
9 18	0 15.36	+ 1 57.8	2.112	3.108	2.9	20.9
9 28	0 7.05	+ 1 13.0	2.100	3.101	1.0	20.7
10 8	23 58.93	+ 0 28.9	2.118	3.094	4.8	21.0
10 18	23 51.76	− 0 9.7	2.163	3.086	8.4	21.2
10 28	23 46.21	− 0 38.8	2.234	3.077	11.5	21.4

49102 1998 RQ_{76} 9 25.4 30.°47 3.°2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.26	− 2 20.7	1.050	1.934	19.9	18.1
8 29	0 29.44	− 3 8.7	1.008	1.949	15.1	17.9
9 8	0 23.61	− 4 9.7	0.985	1.964	9.7	17.7
9 18	0 15.66	− 5 14.9	0.982	1.981	4.5	17.4
9 28	0 7.00	− 6 13.4	1.003	1.999	4.4	17.5
10 8	23 59.14	− 6 55.7	1.047	2.018	9.2	17.8
10 18	23 53.31	− 7 16.2	1.112	2.038	14.0	18.2
10 28	23 50.31	− 7 12.8	1.197	2.059	18.1	18.5

72561 2001 EX_6 9 25.4 280.°48 1.°5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.09	− 0 10.6	1.506	2.357	16.8	19.5
8 29	0 32.17	− 0 35.7	1.414	2.336	13.1	19.3
9 8	0 25.52	− 1 14.3	1.343	2.315	8.6	19.0
9 18	0 16.65	− 2 2.0	1.294	2.293	3.7	18.6
9 28	0 6.57	− 2 52.0	1.272	2.271	2.5	18.5
10 8	23 56.59	− 3 36.1	1.276	2.250	7.6	18.7
10 18	23 48.01	− 4 7.4	1.305	2.228	12.6	19.0
10 28	23 41.93	− 4 20.7	1.355	2.205	17.1	19.2

179075 2001 SB_{131} 9 25.4 285.°57 1.°2/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.18	+ 4 37.6	2.036	2.853	14.3	20.9
8 29	0 31.54	+ 4 48.4	1.933	2.831	11.3	20.7
9 8	0 24.73	+ 4 48.2	1.851	2.810	7.8	20.4
9 18	0 16.21	+ 4 38.3	1.794	2.788	3.8	20.2
9 28	0 6.74	+ 4 21.2	1.765	2.766	1.4	19.9
10 8	23 57.33	+ 4 1.3	1.765	2.744	5.2	20.2
10 18	23 48.94	+ 3 43.1	1.792	2.721	9.3	20.4
10 28	23 42.44	+ 3 31.2	1.843	2.699	13.0	20.5

208143 2000 EG_{141} 9 25.4 290.°43 1.°2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.86	+ 1 14.5	1.828	2.672	14.5	20.5
8 29	0 27.47	+ 0 26.9	1.745	2.663	11.2	20.2
9 8	0 22.01	− 0 34.2	1.683	2.654	7.3	20.0
9 18	0 14.98	− 1 44.0	1.647	2.645	3.1	19.7
9 28	0 7.20	− 2 55.9	1.637	2.636	2.2	19.6
10 8	23 59.65	− 4 2.2	1.656	2.628	6.4	19.9
10 18	23 53.25	− 4 56.3	1.700	2.619	10.5	20.1
10 28	23 48.75	− 5 33.4	1.768	2.610	14.1	20.3

506534 2004 TH_{233} 9 25.4 14.°08 1.°7/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.91	− 1 33.3	0.939	1.825	21.5	20.6
8 29	0 32.04	− 1 31.4	0.888	1.828	16.6	20.3
9 8	0 25.68	− 1 42.8	0.854	1.833	10.9	20.1
9 18	0 16.70	− 2 1.8	0.839	1.839	4.6	19.7
9 28	0 6.65	− 2 20.6	0.846	1.846	2.9	19.7
10 8	23 57.37	− 2 30.9	0.875	1.855	8.9	20.1
10 18	23 50.39	− 2 27.0	0.925	1.864	14.5	20.4
10 28	23 46.71	− 2 5.4	0.994	1.875	19.3	20.7

447318 2005 XL_{48} 9 25.4 328.°73 11.°2/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.54	−25 23.7	1.616	2.481	15.1	20.5
8 29	0 30.06	−26 47.8	1.551	2.459	13.0	20.3
9 8	0 23.97	−28 2.5	1.507	2.438	11.5	20.1
9 18	0 15.90	−28 57.1	1.484	2.417	11.3	20.1
9 28	0 6.91	−29 22.1	1.485	2.397	12.6	20.1
10 8	23 58.28	−29 12.3	1.507	2.378	14.9	20.2
10 18	23 51.19	−28 27.3	1.549	2.360	17.4	20.3
10 28	23 46.54	−27 10.4	1.608	2.343	19.9	20.5

321875 2010 SC_5 9 25.4 324.°80 1.°9/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.03	+ 1 35.7	1.270	2.136	18.3	20.8
8 29	0 28.42	+ 0 35.5	1.199	2.130	14.1	20.5
9 8	0 23.05	− 0 44.4	1.148	2.124	9.2	20.2
9 18	0 15.55	− 2 17.0	1.119	2.118	3.9	19.9
9 28	0 7.03	− 3 51.6	1.115	2.113	3.1	19.9
10 8	23 58.89	− 5 16.4	1.135	2.108	8.4	20.2
10 18	23 52.39	− 6 21.7	1.179	2.104	13.5	20.5
10 28	23 48.49	− 7 1.6	1.243	2.100	17.9	20.7

360177 2013 CK_{130} 9 25.4 246.°28 1.°0/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.69	+ 1 8.7	2.212	3.044	12.7	21.3
8 29	0 27.77	+ 0 24.9	2.120	3.032	9.8	21.1
9 8	0 22.05	− 0 30.0	2.052	3.020	6.4	20.9
9 18	0 14.97	− 1 32.4	2.010	3.008	2.7	20.6
9 28	0 7.24	− 2 36.7	1.996	2.995	1.8	20.5
10 8	23 59.67	− 3 36.8	2.011	2.982	5.5	20.7
10 18	23 53.05	− 4 27.4	2.054	2.969	9.2	20.9
10 28	23 48.04	− 5 4.1	2.122	2.955	12.4	21.1

28710 Rebeccab 9 25.4 350.°73 3.°7/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.17	+11 38.7	1.301	2.134	19.9	17.9
8 29	0 27.78	+11 39.9	1.227	2.129	16.2	17.7
9 8	0 22.65	+11 15.9	1.171	2.125	11.7	17.4
9 18	0 15.39	+10 27.2	1.135	2.122	6.9	17.1
9 28	0 7.09	+ 9 18.7	1.123	2.120	3.7	16.9
10 8	23 59.13	+ 7 59.5	1.135	2.118	6.5	17.1
10 18	23 52.78	+ 6 40.5	1.171	2.117	11.3	17.4
10 28	23 49.02	+ 5 31.9	1.229	2.117	15.8	17.6

395984 2013 BV_{32} 9 25.4 333.°08 1.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.88	− 1 48.6	1.616	2.471	15.5	21.3
8 29	0 29.28	− 2 14.2	1.539	2.464	12.0	21.0
9 8	0 23.32	− 2 50.0	1.483	2.456	7.8	20.8
9 18	0 15.59	− 3 31.2	1.451	2.450	3.4	20.5
9 28	0 7.03	− 4 11.4	1.445	2.443	2.8	20.4
10 8	23 58.77	− 4 43.9	1.466	2.437	7.1	20.7
10 18	23 51.85	− 5 3.4	1.512	2.432	11.4	20.9
10 28	23 47.12	− 5 6.5	1.580	2.427	15.2	21.2

136212 2003 WA_{35} 9 25.4 339.°86 3.°2/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.60	+ 9 23.3	1.212	2.056	20.4	19.3
8 29	0 29.11	+ 9 32.7	1.138	2.048	16.5	19.0
9 8	0 23.67	+ 9 18.6	1.081	2.041	11.7	18.7
9 18	0 15.88	+ 8 41.7	1.044	2.035	6.6	18.4
9 28	0 6.91	+ 7 46.6	1.031	2.030	3.2	18.2
10 8	23 58.26	+ 6 42.2	1.041	2.025	6.9	18.4
10 18	23 51.34	+ 5 38.9	1.074	2.021	12.1	18.7
10 28	23 47.22	+ 4 46.7	1.129	2.018	16.9	19.0

393773 2005 GN_{170} 9 25.4 144.°02 1.°6/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.21	+ 9 26.2	2.489	3.279	12.7	22.2
8 29	0 28.58	+ 9 0.7	2.410	3.291	10.1	22.0
9 8	0 22.37	+ 8 21.4	2.353	3.302	7.0	21.9
9 18	0 15.04	+ 7 30.3	2.324	3.312	3.7	21.7
9 28	0 7.25	+ 6 31.2	2.323	3.322	1.6	21.5
10 8	23 59.72	+ 5 29.2	2.352	3.331	4.1	21.7
10 18	23 53.14	+ 4 29.4	2.410	3.339	7.2	22.0
10 28	23 48.05	+ 3 36.8	2.494	3.347	10.1	22.2

251662 1994 SK_5 9 25.4 258.°74 0.°5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.88	+ 1 42.4	2.252	3.081	12.7	21.2
8 29	0 27.84	+ 1 17.8	2.165	3.075	9.8	21.0
9 8	0 22.04	+ 0 43.1	2.102	3.068	6.4	20.7
9 18	0 14.96	+ 0 1.5	2.064	3.062	2.7	20.5
9 28	0 7.26	− 0 42.6	2.054	3.055	1.3	20.4
10 8	23 59.77	− 1 24.2	2.074	3.048	5.0	20.6
10 18	23 53.23	− 1 58.7	2.120	3.041	8.6	20.8
10 28	23 48.27	− 2 22.3	2.192	3.034	11.7	21.0

150046 Cynthiaconrad 9 25.4 12.°64 3.°5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.26	− 7 57.7	2.005	2.856	13.2	20.1
8 29	0 30.54	− 8 26.2	1.934	2.856	10.1	19.9
9 8	0 23.84	− 8 57.9	1.887	2.857	6.7	19.7
9 18	0 15.73	− 9 27.7	1.865	2.857	3.9	19.5
9 28	0 7.02	− 9 50.4	1.871	2.858	4.2	19.5
10 8	23 58.66	−10 1.3	1.904	2.859	7.2	19.7
10 18	23 51.50	− 9 57.9	1.964	2.860	10.6	19.9
10 28	23 46.20	− 9 38.9	2.047	2.861	13.5	20.1

219974 2002 JM_{137} 9 25.4 72.°97 0.°3/25.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.68	+ 4 29.5	2.207	3.028	13.1	21.2
8 29	0 27.55	+ 4 4.9	2.140	3.043	10.2	21.0
9 8	0 21.75	+ 3 28.7	2.095	3.058	6.7	20.8
9 18	0 14.79	+ 2 44.0	2.077	3.073	3.0	20.6
9 28	0 7.37	+ 1 55.1	2.087	3.088	0.9	20.5
10 8	0 0.28	+ 1 7.4	2.125	3.103	4.6	20.8
10 18	23 54.22	+ 0 25.6	2.191	3.118	8.0	21.0
10 28	23 49.77	− 0 6.4	2.282	3.132	11.0	21.3

105203 2000 OV_{41} 9 25.4 346.°48 2.°8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.89	+12 51.2	2.374	3.162	13.3	19.0
8 29	0 24.74	+12 36.0	2.285	3.159	10.8	18.8
9 8	0 19.99	+12 4.6	2.217	3.156	7.9	18.6
9 18	0 14.07	+11 17.9	2.173	3.153	4.8	18.4
9 28	0 7.60	+10 19.3	2.157	3.151	2.8	18.3
10 8	0 1.32	+ 9 13.6	2.169	3.149	4.3	18.4
10 18	23 55.90	+ 8 6.7	2.209	3.147	7.3	18.5
10 28	23 51.95	+ 7 4.4	2.276	3.145	10.3	18.7

373647 2002 PG_{147} 9 25.4 351.°40 0.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.74	+ 2 38.0	1.013	1.897	20.5	20.6
8 29	0 25.68	+ 2 15.3	0.948	1.887	16.0	20.3
9 8	0 21.55	+ 1 31.6	0.901	1.880	10.6	20.0
9 18	0 14.99	+ 0 31.9	0.874	1.874	4.5	19.7
9 28	0 7.27	− 0 34.1	0.868	1.869	2.0	19.5
10 8	23 59.98	− 1 34.9	0.885	1.866	8.3	19.9
10 18	23 54.55	− 2 20.2	0.922	1.865	14.0	20.2
10 28	23 52.05	− 2 43.0	0.978	1.866	19.0	20.5

382829 2003 YP_{22} 9 25.4 167.°39 14.°4/ 6.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 44.92	+30 32.5	1.330	2.037	25.4	21.3
8 29	0 40.01	+32 20.9	1.258	2.042	22.9	21.1
9 8	0 31.29	+33 37.2	1.198	2.046	20.1	20.9
9 18	0 19.39	+34 11.5	1.155	2.048	17.2	20.8
9 28	0 5.72	+33 57.0	1.131	2.051	15.0	20.7
10 8	23 52.30	+32 54.9	1.128	2.052	14.4	20.6
10 18	23 41.08	+31 14.9	1.147	2.052	15.6	20.7
10 28	23 33.50	+29 13.6	1.187	2.052	18.0	20.9

71629 2000 EH_{70} 9 25.4 289.°84 1.°2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.61	− 0 59.5	2.319	3.154	12.1	19.5
8 29	0 27.61	− 1 23.4	2.229	3.143	9.3	19.3
9 8	0 21.90	− 1 55.2	2.163	3.132	6.1	19.1
9 18	0 14.92	− 2 31.7	2.123	3.121	2.6	18.9
9 28	0 7.33	− 3 8.4	2.111	3.109	1.9	18.8
10 8	23 59.90	− 3 40.6	2.128	3.098	5.3	19.0
10 18	23 53.39	− 4 4.3	2.172	3.087	8.7	19.2
10 28	23 48.41	− 4 16.6	2.241	3.076	11.8	19.4

126079 2001 YZ_{87} 9 25.4 119.°99 0.°8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.10	+ 1 10.1	1.874	2.707	14.7	20.0
8 29	0 31.24	+ 0 40.1	1.807	2.719	11.3	19.9
9 8	0 24.33	− 0 1.1	1.763	2.730	7.3	19.6
9 18	0 15.95	− 0 49.2	1.744	2.742	3.1	19.4
9 28	0 6.99	− 1 38.5	1.753	2.752	1.7	19.3
10 8	23 58.45	− 2 22.9	1.790	2.763	5.8	19.6
10 18	23 51.20	− 2 57.4	1.854	2.773	9.7	19.9
10 28	23 45.92	− 3 18.3	1.942	2.783	13.1	20.1

183895 2004 CZ_{77} 9 25.4 105.°95 1.°8/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.30	− 0 13.7	1.642	2.487	15.9	20.6
8 29	0 31.62	− 1 2.5	1.583	2.502	12.1	20.4
9 8	0 24.66	− 2 3.1	1.546	2.517	7.8	20.2
9 18	0 16.10	− 3 9.7	1.533	2.532	3.4	20.0
9 28	0 6.95	− 4 14.5	1.548	2.546	2.7	20.0
10 8	23 58.31	− 5 10.0	1.590	2.560	6.9	20.3
10 18	23 51.16	− 5 50.7	1.659	2.573	11.0	20.5
10 28	23 46.20	− 6 13.3	1.750	2.586	14.5	20.8

447723 2007 EN_{168} 9 25.4 226.°26 0.°0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.61	+ 4 48.4	2.652	3.466	11.4	22.1
8 29	0 25.86	+ 4 1.3	2.558	3.458	8.8	21.9
9 8	0 20.64	+ 3 2.4	2.487	3.449	5.9	21.7
9 18	0 14.34	+ 1 54.6	2.443	3.440	2.6	21.5
9 28	0 7.53	+ 0 42.4	2.429	3.430	0.9	21.3
10 8	0 0.87	− 0 28.8	2.445	3.420	4.3	21.6
10 18	23 54.97	− 1 33.9	2.490	3.410	7.5	21.8
10 28	23 50.39	− 2 28.5	2.561	3.399	10.4	22.0

511305 2014 DO_{84} 9 25.4 99.°55 1.°8/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.43	− 1 40.8	1.916	2.758	14.0	21.9
8 29	0 29.92	− 2 18.4	1.851	2.769	10.7	21.7
9 8	0 23.44	− 3 4.7	1.808	2.779	6.9	21.5
9 18	0 15.56	− 3 55.0	1.792	2.790	3.0	21.3
9 28	0 7.13	− 4 43.3	1.803	2.800	2.6	21.3
10 8	23 59.11	− 5 23.7	1.842	2.810	6.3	21.6
10 18	23 52.31	− 5 51.9	1.908	2.820	9.9	21.8
10 28	23 47.41	− 6 5.0	1.997	2.830	13.1	22.0

376076 2010 UF_{36} 9 25.4 349.°56 6.°0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.13	+13 48.6	1.178	2.007	21.8	20.7
8 29	0 29.68	+14 29.1	1.106	2.001	18.1	20.5
9 8	0 24.15	+14 43.6	1.050	1.996	13.7	20.2
9 18	0 16.15	+14 29.8	1.013	1.992	9.1	19.9
9 28	0 6.89	+13 49.5	0.999	1.989	6.1	19.8
10 8	23 57.95	+12 50.0	1.007	1.987	7.8	19.9
10 18	23 50.83	+11 41.9	1.038	1.986	12.2	20.1
10 28	23 46.66	+10 37.1	1.089	1.986	16.7	20.4

351429 2005 GV_{111} 9 25.4 215.°98 3.°9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.22	+19 30.6	2.354	3.098	14.6	21.0
8 29	0 27.37	+18 42.3	2.251	3.092	12.2	20.8
9 8	0 21.77	+17 30.4	2.169	3.085	9.3	20.6
9 18	0 14.87	+15 55.7	2.112	3.077	6.3	20.4
9 28	0 7.35	+14 2.0	2.083	3.069	4.0	20.3
10 8	0 0.03	+11 56.3	2.084	3.061	4.8	20.3
10 18	23 53.67	+ 9 47.2	2.115	3.052	7.7	20.5
10 28	23 48.90	+ 7 43.7	2.175	3.042	10.8	20.7

244007 2001 SW_{77} 9 25.4 40.°56 0.°9/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.13	+ 3 56.7	0.950	1.827	22.1	20.3
8 29	0 29.61	+ 3 3.6	0.909	1.844	17.0	20.0
9 8	0 23.88	+ 1 47.1	0.885	1.862	11.0	19.8
9 18	0 15.86	+ 0 15.8	0.882	1.881	4.6	19.5
9 28	0 7.08	− 1 17.5	0.901	1.901	2.3	19.4
10 8	23 59.17	− 2 39.3	0.942	1.922	8.4	19.9
10 18	23 53.44	− 3 39.8	1.006	1.943	13.9	20.2
10 28	23 50.72	− 4 13.9	1.088	1.965	18.4	20.6

468789 2012 DV_{69} 9 25.4 115.°40 2.°1/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.39	+ 0 48.4	1.374	2.233	17.6	21.2
8 29	0 29.98	− 0 15.4	1.307	2.234	13.5	20.9
9 8	0 23.94	− 1 36.2	1.260	2.235	8.7	20.6
9 18	0 15.91	− 3 6.9	1.237	2.235	3.8	20.4
9 28	0 7.01	− 4 37.4	1.239	2.236	3.2	20.3
10 8	23 58.55	− 5 56.9	1.267	2.237	8.1	20.6
10 18	23 51.69	− 6 57.2	1.319	2.238	12.8	20.9
10 28	23 47.31	− 7 33.3	1.392	2.239	16.9	21.2

494572 2017 BZ_{28} 9 25.4 254.°98 7.°1/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.22	−18 39.2	2.460	3.318	10.8	20.6
8 29	0 25.79	−20 51.8	2.398	3.312	8.8	20.5
9 8	0 20.70	−23 3.0	2.364	3.305	7.4	20.4
9 18	0 14.40	−25 4.3	2.357	3.298	7.2	20.4
9 28	0 7.53	−26 47.7	2.379	3.292	8.5	20.5
10 8	0 0.82	−28 7.5	2.427	3.285	10.4	20.6
10 18	23 55.00	−29 0.8	2.498	3.278	12.4	20.7
10 28	23 50.66	−29 27.7	2.589	3.271	14.3	20.8

214136 Alinghi 9 25.4 224.°18 2.°6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.42	− 1 31.4	1.533	2.387	16.3	21.0
8 29	0 31.38	− 2 26.9	1.458	2.382	12.5	20.7
9 8	0 24.81	− 3 35.6	1.403	2.376	8.2	20.5
9 18	0 16.30	− 4 51.0	1.373	2.371	3.8	20.2
9 28	0 6.88	− 6 4.5	1.369	2.365	3.6	20.2
10 8	23 57.80	− 7 6.8	1.392	2.359	8.0	20.4
10 18	23 50.19	− 7 51.2	1.440	2.352	12.5	20.7
10 28	23 44.95	− 8 13.8	1.509	2.345	16.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
344991	2005 AN_{18}		9 25.4	284.°09	3.°8/21.7	18
	h m	° ′			°	m
8 19	0 32.91	− 5 21.4	1.816	2.673	14.1	20.9
8 29	0 29.27	− 6 24.8	1.721	2.647	10.8	20.7
9 8	0 23.39	− 7 38.3	1.648	2.621	7.2	20.4
9 18	0 15.71	− 8 55.4	1.600	2.594	4.2	20.2
9 28	0 7.06	−10 7.9	1.580	2.567	4.8	20.2
10 8	23 58.49	−11 7.5	1.586	2.540	8.5	20.3
10 18	23 51.04	−11 48.1	1.618	2.513	12.5	20.5
10 28	23 45.59	−12 6.2	1.671	2.485	16.1	20.7
23104	1999 XK_{182}		9 25.4	49.°30	7.°4/ 2.2	18
8 19	0 35.57	+20 7.1	1.582	2.348	19.8	17.3
8 29	0 31.44	+20 53.1	1.519	2.365	16.7	17.2
9 8	0 24.78	+21 13.5	1.473	2.381	13.3	17.0
9 18	0 16.25	+21 6.0	1.447	2.399	10.0	16.8
9 28	0 6.93	+20 31.6	1.446	2.416	7.7	16.8
10 8	23 58.08	+19 35.8	1.469	2.434	7.9	16.8
10 18	23 50.81	+18 27.1	1.518	2.452	10.3	17.0
10 28	23 45.95	+17 15.4	1.590	2.470	13.3	17.2
324274	2006 CT_2		9 25.4	145.°74	0.°6/24.6	18
8 19	0 30.83	+ 1 6.4	2.812	3.634	10.6	22.1
8 29	0 26.60	+ 0 32.1	2.735	3.641	8.1	22.0
9 8	0 21.01	− 0 10.1	2.683	3.649	5.3	21.8
9 18	0 14.47	− 0 57.0	2.658	3.656	2.2	21.6
9 28	0 7.54	− 1 44.9	2.663	3.663	1.3	21.5
10 8	0 0.83	− 2 29.5	2.698	3.669	4.3	21.8
10 18	23 54.91	− 3 7.2	2.761	3.675	7.1	22.0
10 28	23 50.25	− 3 35.3	2.851	3.681	9.7	22.1
178582	1999 XX_{114}		9 25.4	359.°50	2.°4/26.5	18
8 19	0 38.07	+ 1 57.9	0.977	1.849	22.1	18.3
8 29	0 34.70	+ 3 12.5	0.915	1.844	17.5	18.1
9 8	0 27.67	+ 4 16.2	0.869	1.841	12.1	17.8
9 18	0 17.73	+ 5 8.3	0.844	1.840	6.1	17.4
9 28	0 6.39	+ 5 49.2	0.840	1.840	2.6	17.2
10 8	23 55.60	+ 6 22.3	0.859	1.843	7.9	17.6
10 18	23 47.09	+ 6 51.9	0.899	1.847	13.7	17.9
10 28	23 42.11	+ 7 23.5	0.959	1.853	18.7	18.2
482276	2011 SY_{117}		9 25.4	344.°57	1.°2/24.7	18
8 19	0 35.63	− 2 0.8	1.420	2.279	17.1	20.2
8 29	0 31.77	− 1 48.5	1.343	2.269	13.3	19.9
9 8	0 25.20	− 1 44.4	1.286	2.260	8.8	19.6
9 18	0 16.52	− 1 45.0	1.253	2.251	3.8	19.3
9 28	0 6.82	− 1 45.8	1.244	2.244	2.1	19.2
10 8	23 57.44	− 1 41.4	1.261	2.238	7.2	19.5
10 18	23 49.64	− 1 27.9	1.302	2.233	12.0	19.7
10 28	23 44.39	− 1 2.4	1.366	2.229	16.2	20.0
488142	2015 VG_{134}		9 25.4	314.°08	3.°3/29.4	18
8 19	0 29.18	+14 11.3	2.185	2.969	14.4	21.1
8 29	0 25.93	+13 59.0	2.093	2.963	11.8	20.9
9 8	0 20.90	+13 28.1	2.021	2.957	8.8	20.7
9 18	0 14.53	+12 39.5	1.974	2.951	5.6	20.5
9 28	0 7.51	+11 36.2	1.953	2.945	3.4	20.3
10 8	0 0.68	+10 23.7	1.960	2.939	4.8	20.4
10 18	23 54.80	+ 9 8.6	1.995	2.934	7.9	20.6
10 28	23 50.55	+ 7 57.7	2.056	2.929	11.1	20.8
359351	2009 SH_{289}		9 25.4	308.°92	1.°8/22.1	18
8 19	0 25.70	− 6 52.9	4.036	4.875	7.3	20.9
8 29	0 22.35	− 7 20.7	3.951	4.867	5.5	20.8
9 8	0 18.09	− 7 50.5	3.891	4.860	3.6	20.6
9 18	0 13.18	− 8 20.2	3.859	4.852	2.1	20.5
9 28	0 7.99	− 8 46.9	3.857	4.845	2.3	20.5
10 8	0 2.91	− 9 8.4	3.885	4.837	4.0	20.6
10 18	23 58.30	− 9 22.7	3.941	4.830	5.9	20.8
10 28	23 54.52	− 9 28.5	4.023	4.822	7.7	20.9
20365	1998 KD_5		9 25.4	39.°60	3.°7/21.9	18
8 19	0 34.47	− 8 29.0	1.996	2.849	13.1	17.5
8 29	0 29.91	− 9 1.2	1.932	2.855	10.0	17.4
9 8	0 23.41	− 9 36.1	1.891	2.861	6.7	17.2
9 18	0 15.57	−10 8.6	1.876	2.868	4.1	17.0
9 28	0 7.19	−10 33.1	1.889	2.874	4.5	17.1
10 8	23 59.20	−10 45.2	1.928	2.881	7.3	17.3
10 18	23 52.42	−10 42.4	1.994	2.888	10.5	17.5
10 28	23 47.47	−10 23.9	2.083	2.895	13.4	17.7
382497	2001 QT_{129}		9 25.5	356.°56	5.°6/29.8	18
8 19	0 29.02	+14 15.8	1.197	2.027	21.4	19.9
8 29	0 27.16	+14 42.1	1.126	2.023	17.7	19.6
9 8	0 22.41	+14 40.8	1.072	2.019	13.4	19.4
9 18	0 15.38	+14 10.6	1.037	2.017	8.9	19.1
9 28	0 7.23	+13 14.4	1.024	2.016	5.7	18.9
10 8	23 59.43	+12 0.5	1.034	2.016	7.4	19.0
10 18	23 53.34	+10 40.5	1.067	2.018	11.7	19.3
10 28	23 50.02	+ 9 26.2	1.121	2.020	16.2	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
99738	2002 JN_{64}		9 25.5	28.°82	5.°1/ 1.9	18
	h m	° ′			°	m
8 19	0 28.90	+20 11.3	2.161	2.912	15.5	19.4
8 29	0 25.73	+20 2.9	2.076	2.915	13.1	19.3
9 8	0 20.76	+19 32.3	2.010	2.919	10.3	19.1
9 18	0 14.46	+18 39.4	1.967	2.923	7.4	18.9
9 28	0 7.57	+17 26.7	1.950	2.927	5.3	18.8
10 8	0 0.93	+15 59.8	1.961	2.932	5.6	18.8
10 18	23 55.32	+14 26.2	1.999	2.937	8.0	19.0
10 28	23 51.38	+12 53.8	2.063	2.941	10.8	19.2
425787	2011 CD_{76}		9 25.5	164.°25	2.°5/22.7	17
8 19	0 37.73	− 4 43.1	2.299	3.131	12.3	22.4
8 29	0 32.16	− 5 26.4	2.226	3.139	9.4	22.2
9 8	0 24.80	− 6 15.3	2.177	3.145	6.1	22.1
9 18	0 16.17	− 7 5.2	2.156	3.151	3.1	21.9
9 28	0 7.01	− 7 50.8	2.165	3.156	3.2	21.9
10 8	23 58.18	− 8 27.0	2.203	3.160	6.2	22.1
10 18	23 50.44	− 8 50.5	2.269	3.163	9.4	22.3
10 28	23 44.40	− 8 59.3	2.359	3.165	12.2	22.5
45922	2000 YN_{105}		9 25.5	215.°54	3.°2/22.6	18
8 19	0 35.70	− 3 40.3	1.604	2.459	15.7	19.2
8 29	0 31.47	− 4 35.2	1.531	2.456	12.0	19.0
9 8	0 24.80	− 5 40.4	1.479	2.452	7.9	18.8
9 18	0 16.30	− 6 49.3	1.452	2.448	4.0	18.5
9 28	0 6.96	− 7 53.4	1.451	2.444	4.2	18.5
10 8	23 57.97	− 8 44.6	1.477	2.439	8.2	18.8
10 18	23 50.41	− 9 17.3	1.529	2.434	12.4	19.0
10 28	23 45.13	− 9 28.7	1.601	2.429	16.0	19.2
392317	2010 EP_{30}		9 25.5	233.°53	1.°1/26.3	18
8 19	0 40.63	+ 3 49.2	1.944	2.758	14.9	21.7
8 29	0 34.97	+ 4 9.0	1.853	2.750	11.8	21.5
9 8	0 27.00	+ 4 18.5	1.784	2.743	8.1	21.2
9 18	0 17.26	+ 4 18.9	1.741	2.735	3.9	20.9
9 28	0 6.63	+ 4 12.9	1.726	2.727	1.4	20.8
10 8	23 56.20	+ 4 4.3	1.740	2.718	5.4	21.0
10 18	23 47.00	+ 3 57.3	1.782	2.710	9.5	21.2
10 28	23 39.89	+ 3 56.0	1.848	2.701	13.1	21.5
447017	2004 HH_{54}		9 25.5	135.°85	20.°5/10.4	17
8 19	0 53.42	−40 59.8	1.142	1.967	22.6	20.5
8 29	0 46.55	−43 11.3	1.125	1.974	21.2	20.5
9 8	0 35.17	−44 48.0	1.124	1.980	20.5	20.5
9 18	0 20.74	−45 34.1	1.140	1.986	20.8	20.5
9 28	0 5.58	−45 20.2	1.172	1.991	21.8	20.6
10 8	23 52.16	−44 7.7	1.219	1.996	23.2	20.7
10 18	23 42.18	−42 5.7	1.280	2.001	24.8	20.9
10 28	23 36.44	−39 26.7	1.354	2.005	26.3	21.1
245023	2004 DB_{69}		9 25.5	340.°57	6.°9/18.7	18
8 19	0 29.30	−11 33.9	1.496	2.377	15.2	19.8
8 29	0 26.73	−13 5.4	1.432	2.368	11.8	19.6
9 8	0 21.76	−14 41.2	1.390	2.360	8.6	19.4
9 18	0 15.00	−16 11.1	1.372	2.353	6.9	19.3
9 28	0 7.42	−17 24.5	1.378	2.346	8.2	19.3
10 8	0 0.20	−18 12.9	1.409	2.340	11.4	19.5
10 18	23 54.38	−18 32.2	1.461	2.335	14.9	19.7
10 28	23 50.81	−18 22.1	1.533	2.331	18.0	19.9
24698	1990 TU_4		9 25.5	173.°24	4.°3/29.4	18
8 19	0 38.55	+13 43.3	2.104	2.874	15.3	18.2
8 29	0 33.21	+14 16.0	2.016	2.876	12.6	18.0
9 8	0 25.75	+14 32.8	1.950	2.878	9.5	17.8
9 18	0 16.68	+14 32.7	1.908	2.879	6.3	17.6
9 28	0 6.84	+14 16.9	1.894	2.880	4.4	17.5
10 8	23 57.21	+13 49.0	1.907	2.880	5.6	17.5
10 18	23 48.74	+13 14.0	1.949	2.880	8.6	17.7
10 28	23 42.19	+12 38.1	2.016	2.880	11.7	17.9
219542	2001 QH_{268}		9 25.5	130.°11	15.°8/10.3	17
8 19	0 38.52	+35 11.6	1.294	1.984	26.7	20.2
8 29	0 35.16	+36 51.2	1.225	1.988	24.5	20.0
9 8	0 28.13	+37 53.5	1.167	1.991	21.9	19.8
9 18	0 18.05	+38 8.7	1.124	1.995	19.2	19.6
9 28	0 6.34	+37 29.8	1.097	1.999	17.0	19.5
10 8	23 54.97	+35 58.7	1.089	2.002	15.8	19.5
10 18	23 45.81	+33 45.6	1.101	2.005	16.3	19.5
10 28	23 40.23	+31 8.2	1.134	2.008	18.1	19.6
192480	1998 FZ_{138}		9 25.5	156.°25	0.°0/25.4	18
8 19	0 35.76	+ 3 18.1	2.192	3.009	13.3	21.1
8 29	0 30.78	+ 2 52.3	2.115	3.017	10.3	20.9
9 8	0 23.97	+ 2 15.2	2.061	3.023	6.8	20.7
9 18	0 15.84	+ 1 30.0	2.033	3.030	3.0	20.5
9 28	0 7.16	+ 0 41.3	2.034	3.035	1.0	20.3
10 8	23 58.78	− 0 5.5	2.065	3.040	4.9	20.6
10 18	23 51.48	− 0 45.7	2.124	3.045	8.6	20.8
10 28	23 45.91	− 1 15.2	2.208	3.049	11.7	21.1

188834 2006 BW_{36} 9 25.5 13.°55 8.°3/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.61	−17 43.5	1.767	2.642	13.5	19.0
8 29	0 25.79	−19 38.2	1.720	2.645	10.9	18.9
9 8	0 20.91	−21 29.7	1.696	2.648	8.9	18.8
9 18	0 14.55	−23 8.0	1.697	2.653	8.4	18.7
9 28	0 7.60	−24 23.7	1.723	2.658	9.7	18.8
10 8	0 1.05	−25 11.2	1.774	2.663	12.0	19.0
10 18	23 55.75	−25 28.4	1.845	2.669	14.5	19.2
10 28	23 52.39	−25 16.7	1.936	2.676	16.8	19.4

157012 2003 QC_{38} 9 25.5 11.°59 0.°8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.33	+ 1 33.7	1.737	2.587	14.9	19.4
8 29	0 26.30	+ 1 2.5	1.669	2.590	11.5	19.2
9 8	0 21.24	+ 0 18.8	1.622	2.594	7.5	19.0
9 18	0 14.71	− 0 33.0	1.600	2.599	3.1	18.7
9 28	0 7.55	− 1 26.7	1.604	2.604	1.7	18.6
10 8	0 0.73	− 2 15.7	1.635	2.611	6.0	18.9
10 18	23 55.13	− 2 54.1	1.691	2.618	10.0	19.2
10 28	23 51.43	− 3 17.9	1.771	2.625	13.5	19.4

41857 2000 WU_{91} 9 25.5 105.°37 1.°2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.62	+ 0 34.5	1.458	2.306	17.3	19.4
8 29	0 33.03	+ 0 5.5	1.394	2.314	13.3	19.2
9 8	0 25.84	− 0 36.7	1.351	2.322	8.7	19.0
9 18	0 16.74	− 1 27.2	1.332	2.330	3.7	18.7
9 28	0 6.87	− 2 18.5	1.338	2.338	2.2	18.6
10 8	23 57.52	− 3 2.9	1.371	2.346	7.1	19.0
10 18	23 49.82	− 3 34.2	1.430	2.353	11.7	19.2
10 28	23 44.61	− 3 48.6	1.510	2.360	15.6	19.5

243267 2008 AM_{10} 9 25.5 165.°71 2.°0/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.18	− 5 35.3	3.583	4.420	8.2	21.3
8 29	0 23.58	− 6 19.9	3.507	4.423	6.2	21.1
9 8	0 18.95	− 7 7.9	3.456	4.425	4.0	21.0
9 18	0 13.60	− 7 56.2	3.434	4.427	2.2	20.9
9 28	0 7.94	− 8 41.4	3.442	4.429	2.5	20.9
10 8	0 2.43	− 9 20.3	3.479	4.431	4.4	21.0
10 18	23 57.50	− 9 50.6	3.545	4.433	6.5	21.2
10 28	23 53.51	−10 10.4	3.637	4.434	8.5	21.3

407217 2009 VO_{73} 9 25.5 234.°68 0.°7/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.00	+ 0 49.8	2.530	3.357	11.5	21.9
8 29	0 26.98	+ 0 21.7	2.443	3.353	8.8	21.7
9 8	0 21.42	− 0 15.0	2.381	3.348	5.7	21.5
9 18	0 14.74	− 0 57.2	2.345	3.343	2.4	21.2
9 28	0 7.54	− 1 40.8	2.338	3.338	1.4	21.1
10 8	0 0.53	− 2 21.4	2.360	3.332	4.7	21.4
10 18	23 54.35	− 2 54.8	2.410	3.327	7.9	21.6
10 28	23 49.57	− 3 17.9	2.486	3.322	10.7	21.8

394536 2007 TV_{448} 9 25.5 241.°54 6.°1/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.30	−15 50.4	2.148	2.998	12.4	21.9
8 29	0 32.16	−16 43.4	2.072	2.986	9.9	21.7
9 8	0 24.99	−17 34.8	2.019	2.975	7.5	21.5
9 18	0 16.33	−18 18.0	1.993	2.963	6.1	21.4
9 28	0 7.00	−18 46.5	1.994	2.951	7.0	21.5
10 8	23 57.95	−18 56.0	2.022	2.939	9.3	21.6
10 18	23 50.06	−18 44.5	2.075	2.926	12.1	21.7
10 28	23 44.03	−18 12.3	2.150	2.913	14.6	21.9

120707 1997 ML_1 9 25.5 26.°37 8.°0/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.22	−16 58.3	1.667	2.542	14.2	18.7
8 29	0 27.02	−18 31.6	1.627	2.554	11.3	18.6
9 8	0 21.68	−20 0.9	1.609	2.566	8.9	18.5
9 18	0 14.86	−21 16.7	1.615	2.579	8.0	18.5
9 28	0 7.53	−22 10.8	1.647	2.593	9.2	18.6
10 8	0 0.71	−22 38.1	1.702	2.607	11.5	18.7
10 18	23 55.27	−22 37.4	1.780	2.622	14.1	18.9
10 28	23 51.86	−22 10.5	1.876	2.638	16.5	19.2

511067 2013 TS_{10} 9 25.5 359.°59 7.°6/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 12.14	− 6 22.6	0.675	1.614	20.9	19.1
8 29	0 15.16	− 8 0.0	0.634	1.605	16.0	18.8
9 8	0 14.96	− 9 52.6	0.609	1.599	10.9	18.5
9 18	0 12.24	−11 43.6	0.600	1.596	7.7	18.4
9 28	0 8.40	−13 13.3	0.609	1.598	9.6	18.5
10 8	0 5.13	−14 6.3	0.636	1.602	14.4	18.8
10 18	0 3.82	−14 15.8	0.678	1.611	19.3	19.1
10 28	0 5.41	−13 42.8	0.735	1.623	23.6	19.4

243316 2008 RL_{32} 9 25.5 341.°66 0.°9/26.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.23	+ 5 37.6	4.211	4.999	7.9	20.2
8 29	0 25.74	+ 5 49.0	4.116	4.998	6.2	20.0
9 8	0 20.30	+ 5 54.6	4.047	4.997	4.3	19.9
9 18	0 14.18	+ 5 55.3	4.006	4.996	2.2	19.8
9 28	0 7.76	+ 5 52.3	3.995	4.995	0.9	19.6
10 8	0 1.44	+ 5 47.5	4.016	4.994	2.6	19.8
10 18	23 55.60	+ 5 42.5	4.067	4.993	4.7	19.9
10 28	23 50.61	+ 5 39.5	4.146	4.992	6.6	20.1

21354 1997 FM 9 25.5 60.°44 7.°3/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.57	−13 50.8	1.635	2.507	14.6	17.9
8 29	0 28.84	−15 32.3	1.591	2.520	11.4	17.7
9 8	0 22.89	−17 13.1	1.571	2.533	8.5	17.6
9 18	0 15.40	−18 43.4	1.575	2.547	7.3	17.5
9 28	0 7.36	−19 53.6	1.605	2.561	8.5	17.7
10 8	23 59.85	−20 37.6	1.659	2.575	11.1	17.8
10 18	23 53.78	−20 53.4	1.737	2.589	14.0	18.1
10 28	23 49.83	−20 42.1	1.834	2.603	16.5	18.3

24604 Vasilermakov 9 25.5 13.°42 1.°5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.19	+ 2 53.1	1.184	2.041	20.0	16.5
8 29	0 33.31	+ 3 31.2	1.123	2.044	15.7	16.3
9 8	0 26.35	+ 3 55.6	1.081	2.049	10.7	16.0
9 18	0 17.06	+ 4 7.6	1.059	2.055	5.1	15.7
9 28	0 6.78	+ 4 10.5	1.062	2.063	1.8	15.5
10 8	23 57.07	+ 4 9.9	1.089	2.071	6.9	15.9
10 18	23 49.31	+ 4 11.5	1.139	2.081	12.1	16.2
10 28	23 44.49	+ 4 20.3	1.210	2.092	16.6	16.5

175330 2005 NX_{32} 9 25.5 93.°78 2.°3/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.81	+ 9 51.9	2.077	2.877	14.6	20.5
8 29	0 29.40	+ 9 45.3	2.005	2.890	11.6	20.3
9 8	0 23.11	+ 9 23.1	1.955	2.903	8.2	20.1
9 18	0 15.50	+ 8 47.1	1.929	2.915	4.6	19.9
9 28	0 7.34	+ 8 0.7	1.930	2.928	2.3	19.8
10 8	23 59.51	+ 7 9.4	1.961	2.941	4.6	20.0
10 18	23 52.81	+ 6 19.0	2.018	2.953	8.1	20.2
10 28	23 47.89	+ 5 34.9	2.102	2.965	11.3	20.5

511425 2014 HC_{185} 9 25.5 206.°03 9.°3/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.46	−25 34.6	2.017	2.859	13.4	21.4
8 29	0 33.88	−26 38.3	1.964	2.858	11.4	21.2
9 8	0 26.10	−27 31.9	1.934	2.858	9.8	21.2
9 18	0 16.79	−28 7.6	1.928	2.857	9.3	21.1
9 28	0 6.92	−28 18.9	1.947	2.856	10.2	21.2
10 8	23 57.56	−28 2.8	1.990	2.855	12.0	21.3
10 18	23 49.64	−27 20.0	2.056	2.854	14.2	21.4
10 28	23 43.86	−26 13.5	2.142	2.853	16.1	21.6

442397 2011 UV_{44} 9 25.5 359.°31 0.°4/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.80	+ 3 36.8	1.637	2.477	16.1	21.0
8 29	0 29.20	+ 3 28.1	1.562	2.476	12.6	20.8
9 8	0 23.30	+ 3 5.4	1.508	2.475	8.4	20.5
9 18	0 15.68	+ 2 31.8	1.477	2.474	3.8	20.3
9 28	0 7.28	+ 1 52.2	1.473	2.474	1.1	20.1
10 8	23 59.20	+ 1 13.3	1.495	2.475	5.9	20.4
10 18	23 52.46	+ 0 41.0	1.543	2.476	10.3	20.7
10 28	23 47.87	+ 0 20.3	1.614	2.478	14.1	20.9

480361 2015 KL_{23} 9 25.5 201.°84 5.°2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.05	+17 10.7	1.793	2.567	17.5	21.3
8 29	0 30.15	+17 19.7	1.708	2.566	14.6	21.1
9 8	0 23.95	+17 5.8	1.641	2.565	11.2	20.9
9 18	0 15.99	+16 28.1	1.596	2.563	7.8	20.7
9 28	0 7.17	+15 28.8	1.577	2.561	5.3	20.6
10 8	23 58.59	+14 14.0	1.584	2.559	6.2	20.6
10 18	23 51.30	+12 51.9	1.618	2.557	9.4	20.8
10 28	23 46.13	+11 31.7	1.677	2.555	12.9	21.0

68620 2002 AL_{178} 9 25.5 78.°60 3.°2/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.47	− 4 7.4	1.662	2.516	15.3	19.5
8 29	0 30.91	− 5 6.5	1.613	2.537	11.5	19.4
9 8	0 24.17	− 6 13.4	1.585	2.558	7.5	19.2
9 18	0 15.95	− 7 21.0	1.583	2.578	3.9	19.0
9 28	0 7.24	− 8 21.5	1.607	2.599	4.1	19.1
10 8	23 59.08	− 9 8.2	1.659	2.619	7.7	19.3
10 18	23 52.39	− 9 36.9	1.736	2.639	11.3	19.6
10 28	23 47.83	− 9 45.9	1.836	2.658	14.5	19.9

38621 2000 AG_{201} 9 25.5 324.°76 1.°9/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.11	− 6 17.1	4.027	4.869	7.3	19.1
8 29	0 21.18	− 7 3.0	3.946	4.865	5.5	19.0
9 8	0 17.37	− 7 51.7	3.891	4.861	3.6	18.8
9 18	0 12.94	− 8 40.4	3.865	4.857	2.1	18.7
9 28	0 8.24	− 9 26.3	3.868	4.853	2.4	18.7
10 8	0 3.64	−10 6.4	3.901	4.850	4.1	18.9
10 18	23 59.50	−10 38.4	3.962	4.846	6.0	19.0
10 28	23 56.17	−11 0.9	4.049	4.842	7.7	19.1

291249 2006 BJ_{53} 9 25.5 73.°35 1.°3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.10	+ 6 6.5	1.662	2.487	16.6	20.4
8 29	0 31.55	+ 6 0.5	1.598	2.501	13.0	20.2
9 8	0 24.72	+ 5 39.0	1.555	2.515	8.8	20.0
9 18	0 16.25	+ 5 4.6	1.536	2.529	4.3	19.7
9 28	0 7.13	+ 4 22.0	1.543	2.544	1.5	19.6
10 8	23 58.48	+ 3 37.8	1.578	2.558	5.5	19.9
10 18	23 51.28	+ 2 58.3	1.638	2.572	9.7	20.2
10 28	23 46.27	+ 2 28.7	1.723	2.586	13.4	20.4

347151 2011 CP_{87} 9 25.5 158.°42 1.°8/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.65	+ 9 18.5	1.689	2.506	16.7	21.4
8 29	0 29.81	+ 8 51.6	1.612	2.508	13.3	21.2
9 8	0 23.68	+ 8 4.7	1.554	2.510	9.3	21.0
9 18	0 15.85	+ 7 0.3	1.521	2.512	4.8	20.7
9 28	0 7.25	+ 5 44.1	1.513	2.513	1.9	20.5
10 8	23 58.98	+ 4 24.1	1.534	2.515	5.5	20.8
10 18	23 52.03	+ 3 8.9	1.581	2.516	9.9	21.0
10 28	23 47.22	+ 2 5.7	1.651	2.517	13.7	21.3

360663 2004 RR_{117} 9 25.5 135.°60 2.°0/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.47	− 0 45.3	2.298	3.138	12.1	21.1
8 29	0 25.93	− 1 58.0	2.224	3.142	9.1	20.9
9 8	0 20.79	− 3 20.7	2.174	3.146	5.9	20.7
9 18	0 14.50	− 4 48.0	2.152	3.149	2.7	20.5
9 28	0 7.72	− 6 13.5	2.159	3.153	2.7	20.6
10 8	0 1.19	− 7 30.6	2.194	3.156	5.9	20.8
10 18	23 55.57	− 8 34.1	2.258	3.159	9.1	21.0
10 28	23 51.45	− 9 20.6	2.345	3.163	11.9	21.2

451960 2014 MR_{59} 9 25.5 178.°53 3.°7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.67	+16 32.1	2.701	3.452	12.7	21.4
8 29	0 27.48	+16 30.3	2.608	3.454	10.6	21.2
9 8	0 21.76	+16 12.7	2.537	3.454	8.1	21.1
9 18	0 14.93	+15 39.5	2.490	3.455	5.5	20.9
9 28	0 7.57	+14 52.6	2.472	3.455	3.8	20.8
10 8	0 0.38	+13 55.9	2.482	3.455	4.5	20.9
10 18	23 54.02	+12 54.4	2.521	3.454	6.8	21.0
10 28	23 49.05	+11 53.4	2.587	3.453	9.3	21.2

276233 2002 RE_{30} 9 25.5 338.°48 3.°7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.05	+10 39.2	1.122	1.975	21.1	20.0
8 29	0 25.89	+10 45.9	1.045	1.960	17.2	19.7
9 8	0 21.78	+10 25.5	0.985	1.946	12.5	19.4
9 18	0 15.24	+ 9 38.0	0.943	1.933	7.3	19.0
9 28	0 7.43	+ 8 28.3	0.924	1.922	3.7	18.8
10 8	23 59.85	+ 7 6.4	0.927	1.912	7.1	19.0
10 18	23 53.97	+ 5 44.7	0.952	1.904	12.6	19.2
10 28	23 50.94	+ 4 35.5	0.997	1.897	17.6	19.5

35089 1990 WH_1 9 25.5 31.°53 4.°3/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.84	− 3 17.6	1.081	1.966	19.4	17.5
8 29	0 29.25	− 4 31.8	1.033	1.974	14.8	17.3
9 8	0 23.65	− 5 59.5	1.004	1.984	9.6	17.0
9 18	0 15.88	− 7 30.3	0.997	1.994	5.0	16.8
9 28	0 7.29	− 8 51.4	1.012	2.005	5.6	16.9
10 8	23 59.38	− 9 51.7	1.052	2.017	10.2	17.2
10 18	23 53.43	−10 24.9	1.112	2.029	14.9	17.5
10 28	23 50.29	−10 29.1	1.192	2.042	19.0	17.8

158139 2001 FT_{92} 9 25.5 187.°41 3.°2/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.72	− 8 44.5	2.844	3.686	9.9	20.6
8 29	0 27.33	− 9 33.9	2.768	3.686	7.6	20.5
9 8	0 21.56	−10 25.9	2.718	3.685	5.1	20.3
9 18	0 14.81	−11 16.1	2.695	3.683	3.3	20.2
9 28	0 7.63	−12 0.2	2.702	3.681	3.8	20.2
10 8	0 0.66	−12 34.2	2.738	3.679	6.0	20.4
10 18	23 54.46	−12 55.3	2.801	3.677	8.5	20.5
10 28	23 49.55	−13 2.3	2.889	3.674	10.7	20.7

189511 2000 DF_{76} 9 25.5 294.°52 0.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.46	+ 3 32.2	2.269	3.096	12.6	20.1
8 29	0 26.07	+ 2 57.0	2.177	3.085	9.8	19.9
9 8	0 20.99	+ 2 9.7	2.108	3.073	6.5	19.7
9 18	0 14.64	+ 1 13.5	2.065	3.062	2.8	19.4
9 28	0 7.68	+ 0 13.0	2.050	3.051	1.1	19.2
10 8	0 0.87	− 0 46.1	2.063	3.039	4.9	19.5
10 18	23 54.95	− 1 38.2	2.105	3.028	8.5	19.7
10 28	23 50.55	− 2 18.9	2.171	3.017	11.7	19.9

469763 2005 QH_{45} 9 25.5 14.°00 4.°1/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.89	− 3 4.8	1.230	2.110	17.9	20.9
8 29	0 27.52	− 4 23.2	1.174	2.112	13.6	20.7
9 8	0 22.44	− 5 55.4	1.137	2.115	8.8	20.4
9 18	0 15.37	− 7 31.8	1.122	2.119	4.7	20.2
9 28	0 7.46	− 9 0.3	1.132	2.124	5.3	20.2
10 8	0 0.05	−10 10.0	1.166	2.129	9.7	20.5
10 18	23 54.34	−10 54.0	1.223	2.135	14.2	20.8
10 28	23 51.15	−11 9.6	1.299	2.142	18.1	21.1

392227 2009 VK_8 9 25.5 278.°30 1.°2/28.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.35	+ 9 32.9	4.488	5.268	7.6	21.8
8 29	0 21.30	+ 9 19.2	4.389	5.262	6.0	21.7
9 8	0 17.43	+ 8 58.0	4.314	5.256	4.3	21.6
9 18	0 12.98	+ 8 30.2	4.266	5.250	2.4	21.4
9 28	0 8.26	+ 7 57.6	4.248	5.245	1.2	21.3
10 8	0 3.63	+ 7 22.3	4.260	5.239	2.4	21.4
10 18	23 59.40	+ 6 46.8	4.302	5.233	4.3	21.5
10 28	23 55.91	+ 6 13.4	4.371	5.227	6.1	21.7

444994 2008 GG_{29} 9 25.5 282.°32 0.°8/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.14	− 0 41.7	2.089	2.921	13.4	21.6
8 29	0 31.26	− 0 46.3	2.008	2.919	10.3	21.4
9 8	0 24.41	− 0 58.5	1.949	2.916	6.8	21.2
9 18	0 16.13	− 1 15.4	1.916	2.914	2.9	20.9
9 28	0 7.20	− 1 33.1	1.912	2.912	1.6	20.8
10 8	23 58.53	− 1 47.3	1.936	2.910	5.4	21.1
10 18	23 50.97	− 1 54.5	1.988	2.908	9.1	21.3
10 28	23 45.22	− 1 51.7	2.064	2.905	12.4	21.5

198390 2004 VW_{38} 9 25.5 87.°83 2.°6/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.94	− 3 25.5	1.760	2.607	14.9	20.3
8 29	0 31.93	− 4 9.1	1.707	2.628	11.3	20.2
9 8	0 24.81	− 5 0.4	1.677	2.648	7.3	20.0
9 18	0 16.25	− 5 53.3	1.672	2.668	3.5	19.8
9 28	0 7.19	− 6 41.4	1.694	2.688	3.4	19.8
10 8	23 58.69	− 7 18.5	1.744	2.708	7.0	20.1
10 18	23 51.60	− 7 40.8	1.821	2.727	10.6	20.4
10 28	23 46.59	− 7 46.2	1.920	2.746	13.8	20.6

65134 2002 CH_{96} 9 25.5 199.°45 0.°4/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.27	+ 0 28.6	4.828	5.645	6.6	20.5
8 29	0 21.15	+ 0 5.5	4.740	5.643	5.0	20.4
9 8	0 17.29	− 0 21.7	4.677	5.642	3.2	20.2
9 18	0 12.91	− 0 51.5	4.642	5.640	1.4	20.1
9 28	0 8.30	− 1 21.9	4.638	5.638	0.8	20.0
10 8	0 3.78	− 1 50.9	4.664	5.636	2.6	20.2
10 18	23 59.65	− 2 16.5	4.720	5.634	4.4	20.3
10 28	23 56.19	− 2 37.0	4.804	5.632	6.1	20.4

520348 2014 GV_{62} 9 25.5 165.°54 2.°6/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.14	+11 19.0	2.160	2.951	14.4	21.7
8 29	0 28.94	+11 10.0	2.075	2.953	11.6	21.5
9 8	0 22.89	+10 44.6	2.012	2.955	8.3	21.3
9 18	0 15.47	+10 4.1	1.974	2.957	4.9	21.1
9 28	0 7.43	+ 9 11.6	1.963	2.959	2.6	21.0
10 8	23 59.63	+ 8 12.7	1.980	2.960	4.6	21.1
10 18	23 52.86	+ 7 13.3	2.026	2.961	8.0	21.4
10 28	23 47.81	+ 6 19.4	2.097	2.962	11.3	21.6

209791 Tokaj 9 25.5 332.°58 2.°1/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.50	− 2 16.7	1.643	2.497	15.4	20.6
8 29	0 29.76	− 2 45.7	1.567	2.491	11.8	20.4
9 8	0 23.70	− 3 24.6	1.513	2.486	7.7	20.1
9 18	0 15.90	− 4 8.2	1.483	2.481	3.5	19.9
9 28	0 7.29	− 4 50.1	1.479	2.476	3.0	19.8
10 8	23 58.99	− 5 23.5	1.501	2.471	7.1	20.1
10 18	23 52.03	− 5 43.3	1.549	2.467	11.4	20.3
10 28	23 47.22	− 5 46.3	1.619	2.464	15.1	20.5

3241 Yeshuhua 9 25.5 295.°64 0.°7/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.84	+ 1 28.5	2.117	2.953	13.1	17.0
8 29	0 27.29	+ 0 57.6	2.024	2.937	10.2	16.8
9 8	0 21.89	+ 0 15.5	1.953	2.922	6.7	16.6
9 18	0 15.08	− 0 34.5	1.908	2.906	2.8	16.3
9 28	0 7.56	− 1 27.2	1.891	2.891	1.5	16.2
10 8	0 0.19	− 2 16.9	1.902	2.876	5.5	16.4
10 18	23 53.76	− 2 58.2	1.939	2.861	9.2	16.6
10 28	23 49.00	− 3 26.9	2.001	2.846	12.6	16.8

362517 2010 TR_{90} 9 25.5 310.°43 1.°0/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.74	+ 0 44.3	2.088	2.924	13.2	21.5
8 29	0 27.88	+ 0 10.5	2.009	2.923	10.2	21.3
9 8	0 22.19	− 0 33.6	1.953	2.922	6.6	21.1
9 18	0 15.17	− 1 24.3	1.923	2.921	2.8	20.8
9 28	0 7.55	− 2 16.1	1.921	2.920	1.7	20.8
10 8	0 0.18	− 3 3.4	1.947	2.919	5.5	21.0
10 18	23 53.85	− 3 41.2	1.999	2.918	9.2	21.2
10 28	23 49.21	− 4 5.9	2.077	2.917	12.4	21.4

169895 2002 RB_{176} 9 25.5 2.°83 3.°1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.28	+11 32.8	1.807	2.611	16.3	19.7
8 29	0 28.67	+11 29.8	1.726	2.611	13.1	19.5
9 8	0 22.92	+11 7.7	1.665	2.611	9.5	19.3
9 18	0 15.55	+10 27.5	1.627	2.611	5.6	19.1
9 28	0 7.42	+ 9 32.9	1.616	2.612	3.1	18.9
10 8	23 59.56	+ 8 30.2	1.631	2.612	5.3	19.1
10 18	23 52.92	+ 7 26.7	1.673	2.613	9.1	19.3
10 28	23 48.27	+ 6 29.6	1.740	2.613	12.7	19.5

199619 2006 FT_{43} 9 25.5 190.°86 1.°4/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.74	− 0 53.7	2.146	2.977	13.1	21.8
8 29	0 30.90	− 1 27.1	2.065	2.976	10.1	21.6
9 8	0 24.17	− 2 9.4	2.007	2.975	6.5	21.4
9 18	0 16.03	− 2 56.6	1.975	2.973	2.8	21.1
9 28	0 7.27	− 3 43.5	1.972	2.970	2.1	21.1
10 8	23 58.77	− 4 24.7	1.998	2.967	5.8	21.3
10 18	23 51.34	− 4 55.6	2.052	2.963	9.4	21.5
10 28	23 45.66	− 5 13.1	2.130	2.959	12.5	21.7

86128 1999 RC_{154} 9 25.5 187.°94 3.°1/28.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.71	+11 56.3	2.278	3.062	13.9	18.8
8 29	0 29.34	+12 8.0	2.190	3.062	11.3	18.6
9 8	0 23.15	+12 5.0	2.124	3.061	8.3	18.4
9 18	0 15.61	+11 47.5	2.082	3.061	5.2	18.3
9 28	0 7.43	+11 17.6	2.068	3.061	3.2	18.1
10 8	23 59.45	+10 39.5	2.083	3.060	4.7	18.2
10 18	23 52.45	+ 9 58.1	2.125	3.060	7.8	18.4
10 28	23 47.10	+ 9 18.8	2.193	3.059	10.8	18.6

341100 2007 JX_{28} 9 25.5 83.°55 1.°3/26.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.64	+ 7 31.0	1.707	2.526	16.5	21.5
8 29	0 31.10	+ 7 9.0	1.647	2.546	12.9	21.3
9 8	0 24.37	+ 6 29.9	1.607	2.565	8.8	21.1
9 18	0 16.12	+ 5 36.9	1.592	2.585	4.3	20.9
9 28	0 7.30	+ 4 35.6	1.604	2.604	1.5	20.7
10 8	23 58.99	+ 3 33.4	1.643	2.624	5.3	21.0
10 18	23 52.09	+ 2 37.1	1.710	2.643	9.4	21.3
10 28	23 47.30	+ 1 52.3	1.800	2.661	13.0	21.6

125910 2001 XX_{221} 9 25.5 322.°53 1.°1/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 32.62	+ 6 11.8	1.492	2.330	17.5	20.6
8 29	0 29.40	+ 5 56.9	1.412	2.323	13.8	20.4
9 8	0 23.66	+ 5 23.5	1.352	2.317	9.5	20.1
9 18	0 15.97	+ 4 34.2	1.315	2.310	4.6	19.8
9 28	0 7.32	+ 3 34.7	1.303	2.304	1.4	19.6
10 8	23 58.95	+ 2 33.2	1.317	2.298	6.2	19.9
10 18	23 52.00	+ 1 38.0	1.356	2.293	11.0	20.1
10 28	23 47.40	+ 0 55.9	1.417	2.288	15.3	20.4

398401 2011 SO_{211} 9 25.5 32.°85 2.°2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.79	+12 21.7	1.425	2.252	18.8	19.9
8 29	0 25.52	+11 26.9	1.367	2.267	14.9	19.7
9 8	0 20.92	+10 5.4	1.328	2.284	10.5	19.5
9 18	0 14.68	+ 8 21.6	1.311	2.301	5.6	19.2
9 28	0 7.79	+ 6 24.4	1.319	2.319	2.2	19.1
10 8	0 1.41	+ 4 25.5	1.354	2.338	5.7	19.4
10 18	23 56.49	+ 2 36.2	1.415	2.357	10.2	19.7
10 28	23 53.75	+ 1 5.4	1.499	2.377	14.1	20.0

3793 Leonteus 9 25.5 270.°87 1.°3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 23.65	+11 16.9	4.502	5.274	7.7	16.2
8 29	0 20.79	+10 48.5	4.400	5.267	6.2	16.1
9 8	0 17.12	+10 11.5	4.322	5.260	4.4	16.0
9 18	0 12.88	+ 9 27.0	4.272	5.254	2.6	15.8
9 28	0 8.38	+ 8 37.0	4.251	5.247	1.3	15.7
10 8	0 3.97	+ 7 43.9	4.261	5.240	2.4	15.8
10 18	23 59.96	+ 6 50.7	4.301	5.234	4.2	15.9
10 28	23 56.68	+ 6 0.0	4.370	5.227	6.0	16.1

66485 1999 RX_{41} 9 25.5 101.°74 2.°3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 40.02	+ 7 7.8	1.833	2.639	16.0	18.2
8 29	0 34.50	+ 7 33.4	1.758	2.648	12.7	18.0
9 8	0 26.69	+ 7 45.5	1.705	2.656	8.9	17.8
9 18	0 17.19	+ 7 44.9	1.676	2.665	4.8	17.6
9 28	0 6.95	+ 7 34.0	1.675	2.673	2.3	17.4
10 8	23 57.08	+ 7 17.0	1.702	2.681	5.3	17.6
10 18	23 48.58	+ 6 58.9	1.756	2.689	9.2	17.9
10 28	23 42.24	+ 6 44.8	1.835	2.697	12.8	18.1

226137 2002 RS_{98} 9 25.5 341.°85 4.°9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 29.35	+12 46.0	1.183	2.020	21.2	19.4
8 29	0 27.58	+13 6.8	1.107	2.009	17.5	19.2
9 8	0 22.86	+13 0.9	1.048	2.000	13.0	18.9
9 18	0 15.75	+12 27.2	1.008	1.992	8.3	18.6
9 28	0 7.40	+11 28.8	0.990	1.984	5.0	18.4
10 8	23 59.32	+10 14.4	0.995	1.978	7.2	18.5
10 18	23 52.94	+ 8 55.6	1.023	1.973	12.0	18.8
10 28	23 49.37	+ 7 44.3	1.071	1.970	16.8	19.0

470984 2009 SV_{58} 9 25.5 285.°47 2.°7/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.40	+ 9 23.7	1.619	2.437	17.3	21.6
8 29	0 30.87	+ 9 25.1	1.518	2.414	14.0	21.3
9 8	0 24.77	+ 9 7.4	1.437	2.391	10.1	21.0
9 18	0 16.55	+ 8 30.6	1.378	2.367	5.6	20.7
9 28	0 7.12	+ 7 38.2	1.345	2.344	2.7	20.5
10 8	23 57.70	+ 6 36.8	1.339	2.320	6.1	20.6
10 18	23 49.52	+ 5 34.6	1.358	2.296	10.8	20.8
10 28	23 43.64	+ 4 40.1	1.400	2.273	15.3	21.1

45131 1999 XE_{92} 9 25.5 12.°56 10.°4/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.27	+26 29.2	1.455	2.201	22.0	18.1
8 29	0 27.92	+27 28.2	1.384	2.204	19.4	17.9
9 8	0 22.85	+27 55.9	1.328	2.208	16.4	17.7
9 18	0 15.67	+27 47.4	1.289	2.213	13.4	17.6
9 28	0 7.46	+27 1.7	1.271	2.219	11.1	17.4
10 8	23 59.58	+25 43.5	1.276	2.227	10.5	17.4
10 18	23 53.30	+24 2.8	1.303	2.235	11.9	17.5
10 28	23 49.59	+22 12.4	1.353	2.244	14.5	17.7

4843 Mégantic 9 25.5 340.°07 2.°0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.89	− 0 9.9	1.920	2.771	13.6	16.2
8 29	0 25.14	− 1 16.5	1.842	2.765	10.4	16.0
9 8	0 20.52	− 2 35.7	1.786	2.760	6.7	15.8
9 18	0 14.51	− 4 1.8	1.756	2.755	3.0	15.5
9 28	0 7.86	− 5 27.2	1.754	2.750	2.9	15.5
10 8	0 1.45	− 6 44.3	1.779	2.746	6.6	15.7
10 18	23 56.08	− 7 46.5	1.830	2.742	10.3	16.0
10 28	23 52.43	− 8 29.8	1.905	2.738	13.6	16.2

159035 2004 TU_{74} 9 25.5 15.°05 3.°0/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 25.46	+11 19.6	1.084	1.939	21.5	19.0
8 29	0 24.43	+10 58.3	1.030	1.946	17.3	18.7
9 8	0 20.59	+10 7.0	0.992	1.955	12.2	18.5
9 18	0 14.65	+ 8 49.1	0.974	1.965	6.8	18.2
9 28	0 7.83	+ 7 13.1	0.978	1.977	3.0	18.0
10 8	0 1.57	+ 5 32.0	1.005	1.991	6.6	18.3
10 18	23 57.07	+ 3 58.8	1.055	2.006	11.7	18.6
10 28	23 55.19	+ 2 43.8	1.126	2.022	16.3	19.0

91047 1998 FT_{30} 9 25.5 207.°26 0.°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.59	+ 3 47.8	2.139	2.960	13.5	20.2
8 29	0 29.34	+ 3 4.1	2.051	2.955	10.5	20.0
9 8	0 23.21	+ 2 7.0	1.986	2.950	6.9	19.8
9 18	0 15.68	+ 1 0.1	1.947	2.944	3.0	19.5
9 28	0 7.49	− 0 11.2	1.936	2.937	1.2	19.3
10 8	23 59.50	− 1 20.1	1.955	2.930	5.3	19.6
10 18	23 52.53	− 2 20.7	2.002	2.922	9.0	19.8
10 28	23 47.26	− 3 8.1	2.074	2.914	12.4	20.0

108223 2001 HX_{34} 9 25.5 135.°81 0.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.06	+ 3 43.7	1.868	2.691	15.1	20.9
8 29	0 32.08	+ 3 6.0	1.799	2.704	11.7	20.7
9 8	0 25.00	+ 2 14.5	1.753	2.717	7.7	20.5
9 18	0 16.43	+ 1 13.4	1.732	2.729	3.3	20.3
9 28	0 7.26	+ 0 8.8	1.739	2.740	1.2	20.2
10 8	23 58.50	− 0 52.5	1.775	2.751	5.6	20.5
10 18	23 51.05	− 1 44.3	1.838	2.761	9.6	20.8
10 28	23 45.61	− 2 22.2	1.926	2.770	13.0	21.0

204077 2003 WK_{16} 9 25.5 148.°27 1.°4/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.02	− 0 14.7	1.886	2.727	14.3	21.0
8 29	0 29.83	− 0 48.9	1.812	2.728	11.0	20.8
9 8	0 23.58	− 1 33.5	1.760	2.730	7.1	20.5
9 18	0 15.84	− 2 24.2	1.733	2.731	3.1	20.3
9 28	0 7.45	− 3 14.9	1.734	2.732	2.2	20.2
10 8	23 59.36	− 3 59.5	1.762	2.734	6.1	20.5
10 18	23 52.48	− 4 32.9	1.817	2.735	10.0	20.7
10 28	23 47.50	− 4 51.5	1.896	2.736	13.4	21.0

226400 2003 QX_{35} 9 25.5 70.°43 7.°8/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.55	+23 46.9	2.286	2.985	16.1	19.9
8 29	0 35.53	+25 5.0	2.209	3.000	14.0	19.8
9 8	0 27.34	+26 4.3	2.152	3.016	11.7	19.7
9 18	0 17.51	+26 41.2	2.118	3.031	9.5	19.6
9 28	0 6.89	+26 54.3	2.109	3.047	8.0	19.5
10 8	23 56.49	+26 45.3	2.128	3.062	8.0	19.5
10 18	23 47.28	+26 18.6	2.174	3.078	9.3	19.6
10 28	23 40.06	+25 40.8	2.244	3.094	11.2	19.8

347896 2002 TQ_{369} 9 25.5 183.°49 6.°4/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.51	−16 57.0	2.229	3.081	12.0	21.1
8 29	0 30.67	−18 4.0	2.167	3.081	9.5	21.0
9 8	0 23.98	−19 8.5	2.129	3.081	7.4	20.8
9 18	0 15.97	−20 3.8	2.117	3.080	6.4	20.8
9 28	0 7.42	−20 43.4	2.132	3.080	7.3	20.8
10 8	23 59.21	−21 3.2	2.174	3.079	9.4	20.9
10 18	23 52.12	−21 1.4	2.240	3.077	11.8	21.1
10 28	23 46.78	−20 38.6	2.328	3.075	14.1	21.3

478787 2012 UO_{140} 9 25.5 123.°30 3.°4/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.78	+11 42.8	1.811	2.608	16.5	21.7
8 29	0 31.36	+11 53.4	1.732	2.612	13.4	21.5
9 8	0 24.71	+11 45.6	1.674	2.616	9.8	21.2
9 18	0 16.38	+11 20.1	1.638	2.620	5.9	21.0
9 28	0 7.27	+10 39.7	1.630	2.624	3.5	20.9
10 8	23 58.47	+ 9 50.0	1.648	2.628	5.5	21.0
10 18	23 50.96	+ 8 57.7	1.694	2.631	9.2	21.3
10 28	23 45.54	+ 8 9.9	1.764	2.635	12.7	21.5

452132 2015 PV 9 25.5 353.°07 4.°4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.64	+16 41.1	1.725	2.518	17.4	19.8
8 29	0 24.52	+16 25.4	1.641	2.513	14.4	19.6
9 8	0 20.30	+15 44.4	1.575	2.509	10.9	19.4
9 18	0 14.48	+14 38.6	1.532	2.506	7.2	19.1
9 28	0 7.91	+13 11.8	1.513	2.503	4.6	19.0
10 8	0 1.57	+11 31.9	1.521	2.501	5.7	19.1
10 18	23 56.42	+ 9 48.4	1.555	2.500	9.1	19.3
10 28	23 53.21	+ 8 11.3	1.613	2.500	12.8	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
429482	2011 AD_{21}		9 25.5	72.°46	2.°8/27.7	18
	h m	° ′			°	m
8 19	0 37.41	+ 8 44.8	1.514	2.334	18.2	20.8
8 29	0 33.02	+ 8 59.6	1.441	2.337	14.6	20.6
9 8	0 26.00	+ 8 56.2	1.387	2.341	10.3	20.3
9 18	0 17.00	+ 8 35.3	1.355	2.344	5.8	20.1
9 28	0 7.08	+ 8 0.6	1.350	2.348	2.8	19.9
10 8	23 57.54	+ 7 18.4	1.370	2.352	6.0	20.1
10 18	23 49.55	+ 6 36.1	1.416	2.355	10.5	20.4
10 28	23 44.04	+ 6 0.8	1.486	2.359	14.5	20.6
480968	2003 UB_{256}		9 25.5	298.°50	5.°3/30.6	17
8 19	0 30.53	+17 35.1	1.783	2.562	17.4	21.1
8 29	0 27.75	+17 35.9	1.672	2.533	14.7	20.9
9 8	0 22.65	+17 12.2	1.579	2.505	11.5	20.6
9 18	0 15.63	+16 21.9	1.508	2.476	8.0	20.3
9 28	0 7.49	+15 6.7	1.462	2.448	5.4	20.1
10 8	23 59.31	+13 32.1	1.442	2.419	6.4	20.1
10 18	23 52.22	+11 47.5	1.449	2.391	10.0	20.2
10 28	23 47.21	+10 3.8	1.479	2.363	14.0	20.4
228423	2001 PB_{19}		9 25.5	342.°96	8.°4/19.2	18
8 19	0 31.12	−12 59.7	1.154	2.046	17.9	19.3
8 29	0 28.88	−14 17.5	1.094	2.035	14.1	19.0
9 8	0 23.62	−15 37.8	1.053	2.025	10.4	18.8
9 18	0 16.04	−16 48.9	1.034	2.016	8.4	18.7
9 28	0 7.40	−17 38.1	1.037	2.009	9.7	18.7
10 8	23 59.23	−17 56.7	1.062	2.002	13.3	18.9
10 18	23 52.90	−17 41.5	1.107	1.997	17.3	19.1
10 28	23 49.40	−16 54.2	1.169	1.993	21.0	19.4
357683	2005 MM_{35}		9 25.5	13.°80	3.°1/28.3	18
8 19	0 32.76	+10 21.4	1.748	2.559	16.5	20.3
8 29	0 29.11	+10 32.1	1.671	2.561	13.3	20.1
9 8	0 23.26	+10 25.1	1.614	2.563	9.6	19.9
9 18	0 15.76	+10 1.3	1.581	2.566	5.6	19.7
9 28	0 7.51	+ 9 23.9	1.574	2.570	3.1	19.5
10 8	23 59.56	+ 8 38.4	1.593	2.574	5.4	19.7
10 18	23 52.87	+ 7 51.6	1.638	2.578	9.2	19.9
10 28	23 48.23	+ 7 10.1	1.708	2.583	12.9	20.2
511813	2015 FD_{139}		9 25.5	184.°78	1.°8/23.8	17
8 19	0 36.05	− 0 40.1	1.874	2.712	14.5	22.5
8 29	0 31.43	− 1 26.0	1.797	2.713	11.1	22.3
9 8	0 24.69	− 2 22.9	1.743	2.713	7.2	22.1
9 18	0 16.37	− 3 25.7	1.714	2.712	3.2	21.9
9 28	0 7.34	− 4 27.9	1.713	2.711	2.6	21.8
10 8	23 58.62	− 5 22.5	1.741	2.709	6.5	22.1
10 18	23 51.13	− 6 4.0	1.795	2.706	10.5	22.3
10 28	23 45.62	− 6 28.7	1.873	2.704	13.9	22.5
444683	2007 DY_{90}		9 25.5	330.°61	2.°4/27.6	17
8 19	0 33.81	+ 8 7.7	1.930	2.741	15.1	21.1
8 29	0 29.80	+ 8 23.4	1.842	2.735	12.1	20.8
9 8	0 23.69	+ 8 25.0	1.776	2.728	8.6	20.6
9 18	0 15.97	+ 8 13.4	1.733	2.722	4.8	20.4
9 28	0 7.46	+ 7 51.0	1.718	2.716	2.4	20.2
10 8	23 59.15	+ 7 22.4	1.729	2.710	5.1	20.4
10 18	23 51.95	+ 6 52.9	1.768	2.705	8.9	20.6
10 28	23 46.65	+ 6 27.7	1.831	2.700	12.5	20.8
405742	2005 YD_{58}		9 25.5	22.°21	4.°4/30.1	17
8 19	0 32.25	+15 4.1	2.068	2.845	15.4	21.1
8 29	0 28.44	+15 21.8	1.986	2.848	12.7	20.9
9 8	0 22.68	+15 21.5	1.924	2.851	9.6	20.7
9 18	0 15.49	+15 3.0	1.885	2.855	6.5	20.6
9 28	0 7.63	+14 28.2	1.873	2.859	4.4	20.4
10 8	0 0.01	+13 41.5	1.888	2.863	5.4	20.5
10 18	23 53.46	+12 48.8	1.930	2.867	8.2	20.7
10 28	23 48.70	+11 56.8	1.997	2.872	11.3	20.9
371463	2006 SB_{391}		9 25.5	10.°56	1.°8/27.0	17
8 19	0 30.81	+ 8 41.7	1.232	2.079	20.0	20.5
8 29	0 28.39	+ 8 18.4	1.166	2.080	15.9	20.3
9 8	0 23.18	+ 7 30.3	1.117	2.081	11.0	20.0
9 18	0 15.84	+ 6 20.4	1.089	2.083	5.6	19.7
9 28	0 7.53	+ 4 56.3	1.086	2.086	1.9	19.5
10 8	23 59.65	+ 3 29.1	1.106	2.090	6.6	19.8
10 18	23 53.47	+ 2 9.9	1.151	2.094	11.8	20.1
10 28	23 49.92	+ 1 7.8	1.216	2.099	16.4	20.4
16484	1990 QJ_9		9 25.5	71.°39	1.°1/24.4	18 R
8 19	0 33.01	− 0 0.2	2.046	2.883	13.4	18.3
8 29	0 28.90	− 0 29.1	1.971	2.885	10.3	18.1
9 8	0 22.92	− 1 7.5	1.918	2.887	6.7	17.9
9 18	0 15.57	− 1 51.7	1.891	2.889	2.9	17.7
9 28	0 7.63	− 2 36.4	1.892	2.891	1.9	17.6
10 8	23 59.97	− 3 16.1	1.921	2.893	5.6	17.9
10 18	23 53.41	− 3 46.2	1.977	2.895	9.3	18.1
10 28	23 48.58	− 4 3.4	2.057	2.897	12.5	18.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
83210	2001 RH_{19}		9 25.5	132.°75	3.°4/28.8	18
	h m	° ′			°	m
8 19	0 37.05	+11 38.3	2.142	2.925	14.7	19.8
8 29	0 32.01	+12 1.0	2.060	2.930	12.0	19.6
9 8	0 24.99	+12 8.9	1.999	2.936	8.8	19.4
9 18	0 16.49	+12 1.9	1.963	2.941	5.5	19.3
9 28	0 7.33	+11 41.8	1.954	2.946	3.4	19.1
10 8	23 58.41	+11 12.7	1.974	2.951	5.0	19.2
10 18	23 50.61	+10 39.4	2.022	2.955	8.2	19.5
10 28	23 44.63	+10 7.4	2.095	2.960	11.3	19.7
90011	2002 TU_{206}		9 25.5	326.°34	1.°8/27.1	18
8 19	0 33.73	+ 7 3.8	1.776	2.598	15.8	19.2
8 29	0 29.89	+ 7 6.9	1.693	2.592	12.6	19.0
9 8	0 23.82	+ 6 54.8	1.629	2.587	8.8	18.7
9 18	0 16.05	+ 6 28.9	1.590	2.582	4.6	18.5
9 28	0 7.46	+ 5 53.1	1.577	2.577	1.8	18.3
10 8	23 59.10	+ 5 12.8	1.591	2.572	5.3	18.5
10 18	23 51.97	+ 4 34.3	1.632	2.568	9.5	18.7
10 28	23 46.87	+ 4 3.4	1.696	2.564	13.3	19.0
224604	2005 YR_{44}		9 25.5	56.°94	1.°9/27.6	18
8 19	0 31.63	+ 9 11.8	2.076	2.882	14.4	20.1
8 29	0 27.78	+ 8 58.2	2.006	2.896	11.4	19.9
9 8	0 22.13	+ 8 29.2	1.958	2.909	8.0	19.7
9 18	0 15.21	+ 7 47.0	1.934	2.923	4.3	19.5
9 28	0 7.78	+ 6 55.6	1.938	2.937	1.9	19.4
10 8	0 0.67	+ 6 0.6	1.970	2.951	4.5	19.6
10 18	23 54.64	+ 5 7.8	2.030	2.965	8.0	19.9
10 28	23 50.31	+ 4 22.4	2.115	2.980	11.2	20.1
435173	2007 QN_1		9 25.5	15.°82	1.°4/24.1	18
8 19	0 24.64	+ 6 13.5	1.287	2.149	18.4	19.8
8 29	0 23.39	+ 4 23.8	1.226	2.154	14.1	19.5
9 8	0 19.72	+ 2 7.5	1.186	2.161	9.1	19.3
9 18	0 14.27	− 0 25.9	1.169	2.168	3.7	19.0
9 28	0 8.08	− 3 2.2	1.178	2.177	2.6	18.9
10 8	0 2.33	− 5 26.1	1.213	2.187	7.8	19.3
10 18	23 58.05	− 7 25.2	1.272	2.198	12.7	19.6
10 28	23 56.01	− 8 52.5	1.354	2.210	16.7	19.9
329150	2011 YC_{73}		9 25.5	323.°14	0.°7/26.9	18
8 19	0 25.97	+ 6 1.5	4.033	4.831	8.1	20.6
8 29	0 22.66	+ 5 52.4	3.938	4.825	6.3	20.5
9 8	0 18.42	+ 5 36.5	3.867	4.820	4.3	20.3
9 18	0 13.53	+ 5 15.0	3.824	4.815	2.2	20.2
9 28	0 8.33	+ 4 49.8	3.810	4.810	0.8	20.0
10 8	0 3.23	+ 4 23.2	3.827	4.806	2.7	20.2
10 18	23 58.59	+ 3 57.6	3.872	4.801	4.8	20.4
10 28	23 54.78	+ 3 35.4	3.946	4.796	6.8	20.5
255293	2005 VC_{109}		9 25.5	294.°84	0.°5/24.9	18
8 19	0 32.12	+ 1 43.2	2.111	2.943	13.3	21.1
8 29	0 28.24	+ 1 18.0	2.028	2.939	10.3	20.9
9 8	0 22.51	+ 0 42.2	1.967	2.934	6.7	20.7
9 18	0 15.42	− 0 1.0	1.932	2.930	2.9	20.5
9 28	0 7.70	− 0 46.8	1.925	2.926	1.3	20.3
10 8	0 0.20	− 1 29.7	1.946	2.921	5.2	20.6
10 18	23 53.72	− 2 4.9	1.995	2.917	8.9	20.8
10 28	23 48.91	− 2 28.5	2.067	2.913	12.2	21.0
121925	2000 DX_{98}		9 25.5	192.°73	0.°6/24.9	18
8 19	0 32.51	+ 0 42.4	2.602	3.425	11.3	20.1
8 29	0 28.14	+ 0 23.0	2.518	3.424	8.7	20.0
9 8	0 22.24	− 0 4.1	2.458	3.423	5.7	19.8
9 18	0 15.26	− 0 36.2	2.425	3.422	2.4	19.6
9 28	0 7.78	− 1 9.8	2.421	3.421	1.2	19.5
10 8	0 0.49	− 1 40.6	2.446	3.419	4.5	19.7
10 18	23 54.04	− 2 5.3	2.500	3.418	7.6	19.9
10 28	23 48.99	− 2 21.0	2.579	3.416	10.4	20.1
509279	2006 VP_1		9 25.5	321.°94	0.°2/25.4	18
8 19	0 34.67	+ 0 41.1	1.175	2.042	19.4	21.0
8 29	0 31.93	+ 0 54.7	1.089	2.018	15.3	20.7
9 8	0 25.97	+ 0 55.5	1.022	1.996	10.4	20.3
9 18	0 17.29	+ 0 45.9	0.975	1.973	4.6	19.9
9 28	0 7.04	+ 0 31.3	0.951	1.952	1.7	19.7
10 8	23 56.85	+ 0 18.8	0.951	1.932	7.9	20.0
10 18	23 48.37	+ 0 15.1	0.973	1.913	13.9	20.2
10 28	23 42.91	+ 0 25.8	1.014	1.895	19.1	20.5
74498	1999 CM_{138}		9 25.5	213.°91	1.°4/24.1	18
8 19	0 33.58	− 0 32.6	2.027	2.865	13.5	19.9
8 29	0 29.41	− 1 8.9	1.948	2.863	10.4	19.7
9 8	0 23.31	− 1 55.0	1.891	2.860	6.7	19.5
9 18	0 15.78	− 2 46.7	1.860	2.857	2.9	19.2
9 28	0 7.61	− 3 38.4	1.856	2.854	2.2	19.2
10 8	23 59.68	− 4 24.2	1.881	2.851	5.9	19.4
10 18	23 52.85	− 4 59.0	1.933	2.848	9.7	19.6
10 28	23 47.80	− 5 19.6	2.009	2.845	12.9	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
316128	2009 RB_{57}		9 25.5	293.°51	0.°9/23.7	18
	h m	° ′			°	m
8 19	0 24.90	− 2 10.5	4.241	5.069	7.2	21.0
8 29	0 21.81	− 2 38.4	4.149	5.060	5.5	20.9
9 8	0 17.85	− 3 10.3	4.083	5.051	3.5	20.7
9 18	0 13.28	− 3 44.1	4.045	5.042	1.6	20.6
9 28	0 8.43	− 4 17.4	4.036	5.033	1.3	20.5
10 8	0 3.68	− 4 47.7	4.058	5.024	3.3	20.7
10 18	23 59.35	− 5 12.9	4.109	5.015	5.2	20.8
10 28	23 55.79	− 5 31.2	4.187	5.006	7.0	20.9
155849	2001 AK_{46}		9 25.5	196.°63	8.°6/13.5	18
8 19	0 39.53	−32 2.3	2.865	3.675	10.7	20.9
8 29	0 33.45	−33 2.9	2.814	3.672	9.5	20.8
9 8	0 25.66	−33 52.3	2.787	3.669	8.7	20.7
9 18	0 16.71	−34 24.7	2.785	3.665	8.7	20.7
9 28	0 7.33	−34 35.5	2.809	3.661	9.4	20.8
10 8	23 58.33	−34 22.9	2.857	3.657	10.6	20.9
10 18	23 50.42	−33 47.4	2.927	3.652	12.0	21.0
10 28	23 44.19	−32 51.1	3.017	3.647	13.3	21.1
512035	2015 MX_{66}		9 25.5	46.°42	8.°4/18.9	18
8 19	0 36.95	−16 38.8	1.413	2.286	16.4	19.8
8 29	0 32.36	−17 57.8	1.385	2.311	12.9	19.7
9 8	0 25.26	−19 10.8	1.379	2.338	9.9	19.6
9 18	0 16.54	−20 8.1	1.395	2.365	8.4	19.6
9 28	0 7.42	−20 41.3	1.437	2.392	9.4	19.7
10 8	23 59.14	−20 46.5	1.502	2.419	11.9	19.9
10 18	23 52.66	−20 24.2	1.589	2.447	14.7	20.2
10 28	23 48.62	−19 37.4	1.695	2.475	17.3	20.4
70625	1999 TA_{216}		9 25.5	173.°01	1.°1/26.8	18
8 19	0 31.71	+ 9 1.2	2.049	2.857	14.5	19.7
8 29	0 27.97	+ 8 10.8	1.966	2.859	11.4	19.5
9 8	0 22.36	+ 7 2.2	1.904	2.860	7.8	19.2
9 18	0 15.38	+ 5 38.8	1.869	2.861	3.9	19.0
9 28	0 7.78	+ 4 6.3	1.861	2.862	1.2	18.8
10 8	0 0.43	+ 2 32.5	1.883	2.862	4.8	19.1
10 18	23 54.14	+ 1 4.9	1.932	2.863	8.7	19.3
10 28	23 49.59	− 0 10.0	2.007	2.862	12.1	19.5
436401	2010 WD_{13}		9 25.5	248.°55	2.°1/21.0	18
8 19	0 25.27	− 9 28.9	4.551	5.391	6.5	21.4
8 29	0 22.02	−10 1.4	4.469	5.385	5.0	21.3
9 8	0 17.95	−10 35.0	4.414	5.380	3.4	21.2
9 18	0 13.33	−11 7.3	4.387	5.374	2.2	21.1
9 28	0 8.46	−11 35.8	4.391	5.369	2.6	21.1
10 8	0 3.68	−11 58.5	4.423	5.363	4.0	21.2
10 18	23 59.33	−12 13.6	4.484	5.358	5.6	21.4
10 28	23 55.70	−12 20.2	4.571	5.352	7.1	21.5
381750	2009 SL_{125}		9 25.5	303.°48	2.°0/27.1	18
8 19	0 34.22	+ 7 15.2	1.463	2.297	18.0	21.3
8 29	0 30.87	+ 7 18.4	1.377	2.283	14.4	21.0
9 8	0 24.84	+ 7 3.1	1.309	2.270	10.1	20.7
9 18	0 16.66	+ 6 30.6	1.264	2.257	5.3	20.4
9 28	0 7.33	+ 5 45.0	1.243	2.244	2.1	20.2
10 8	23 58.17	+ 4 53.7	1.249	2.231	6.3	20.4
10 18	23 50.45	+ 4 4.7	1.279	2.219	11.3	20.7
10 28	23 45.20	+ 3 25.7	1.331	2.207	15.7	20.9
451584	2012 BW_{10}		9 25.5	157.°92	2.°9/29.0	18
8 19	0 33.91	+12 17.3	2.669	3.441	12.4	21.1
8 29	0 29.24	+12 27.7	2.581	3.445	10.1	20.9
9 8	0 23.00	+12 25.1	2.516	3.448	7.4	20.7
9 18	0 15.62	+12 9.9	2.475	3.452	4.7	20.6
9 28	0 7.71	+11 44.0	2.464	3.455	2.9	20.5
10 8	23 59.99	+11 10.8	2.481	3.458	4.2	20.5
10 18	23 53.11	+10 34.2	2.528	3.460	6.8	20.7
10 28	23 47.65	+ 9 58.9	2.601	3.462	9.5	20.9
51736	2001 KA_{48}		9 25.5	13.°01	6.°0/21.8	18
8 19	0 37.49	−10 16.9	1.194	2.073	18.3	17.7
8 29	0 33.54	−10 51.8	1.140	2.075	14.2	17.5
9 8	0 26.54	−11 28.9	1.105	2.078	9.8	17.2
9 18	0 17.30	−11 59.8	1.091	2.082	6.4	17.1
9 28	0 7.18	−12 15.3	1.102	2.087	6.9	17.1
10 8	23 57.74	−12 9.5	1.136	2.093	10.7	17.4
10 18	23 50.27	−11 40.3	1.192	2.099	15.0	17.6
10 28	23 45.70	−10 48.8	1.268	2.106	18.8	17.9
352422	2007 YZ_{35}		9 25.5	7.°15	1.°2/26.6	18
8 19	0 32.95	+ 5 39.1	1.650	2.483	16.3	20.7
8 29	0 29.37	+ 5 36.0	1.576	2.483	12.9	20.5
9 8	0 23.51	+ 5 17.5	1.522	2.484	8.8	20.3
9 18	0 15.95	+ 4 46.1	1.491	2.486	4.3	20.0
9 28	0 7.61	+ 4 6.3	1.487	2.488	1.4	19.8
10 8	23 59.59	+ 3 24.5	1.509	2.490	5.6	20.1
10 18	23 52.90	+ 2 47.0	1.557	2.493	9.9	20.4
10 28	23 48.34	+ 2 19.4	1.628	2.497	13.7	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
379616	2011 CO_{88}		9 25.5	301.°55	5.°3/29.0	18
	h m	° ′			°	m
8 19	0 35.95	+12 18.0	1.426	2.239	19.4	21.2
8 29	0 32.53	+13 0.9	1.331	2.218	16.2	20.9
9 8	0 26.18	+13 24.3	1.254	2.198	12.2	20.6
9 18	0 17.36	+13 25.6	1.199	2.178	8.0	20.3
9 28	0 7.08	+13 5.3	1.167	2.158	5.3	20.1
10 8	23 56.78	+12 27.9	1.160	2.138	7.3	20.2
10 18	23 47.92	+11 41.0	1.177	2.119	11.7	20.4
10 28	23 41.74	+10 54.3	1.215	2.100	16.2	20.6
315376	2007 VM_{49}		9 25.5	299.°17	1.°5/24.4	18
8 19	0 35.25	− 1 21.2	1.754	2.599	15.0	20.5
8 29	0 31.25	− 1 36.2	1.659	2.577	11.6	20.3
9 8	0 24.88	− 2 0.9	1.585	2.556	7.7	20.0
9 18	0 16.63	− 2 31.5	1.536	2.534	3.4	19.7
9 28	0 7.37	− 3 2.6	1.514	2.513	2.3	19.6
10 8	23 58.21	− 3 28.3	1.519	2.492	6.7	19.8
10 18	23 50.25	− 3 43.3	1.550	2.471	11.1	20.0
10 28	23 44.39	− 3 44.0	1.603	2.450	15.1	20.2
49241	1998 TQ_3		9 25.5	332.°10	8.°5/21.2	18
8 19	0 40.51	−16 5.7	1.161	2.040	18.8	16.8
8 29	0 36.41	−16 29.5	1.091	2.022	15.1	16.6
9 8	0 28.83	−16 48.5	1.039	2.005	11.3	16.3
9 18	0 18.48	−16 52.5	1.008	1.989	8.7	16.1
9 28	0 6.78	−16 32.0	0.999	1.975	9.4	16.1
10 8	23 55.55	−15 41.7	1.014	1.961	12.9	16.3
10 18	23 46.42	−14 22.1	1.049	1.949	17.3	16.5
10 28	23 40.57	−12 37.4	1.104	1.938	21.3	16.7
103690	2000 CM_{71}		9 25.5	220.°22	0.°9/26.3	18
8 19	0 36.04	+ 5 54.6	1.845	2.663	15.4	20.0
8 29	0 31.62	+ 5 35.2	1.756	2.657	12.2	19.8
9 8	0 24.97	+ 5 0.2	1.690	2.650	8.3	19.5
9 18	0 16.61	+ 4 12.3	1.648	2.642	4.0	19.3
9 28	0 7.40	+ 3 16.1	1.633	2.634	1.2	19.0
10 8	23 58.40	+ 2 18.4	1.646	2.625	5.5	19.3
10 18	23 50.60	+ 1 25.9	1.687	2.616	9.8	19.6
10 28	23 44.84	+ 0 44.4	1.751	2.607	13.6	19.8
312797	2010 WC_{22}		9 25.5	244.°33	1.°0/23.4	18
8 19	0 24.84	− 3 12.8	4.724	5.551	6.5	21.5
8 29	0 21.67	− 3 37.5	4.635	5.545	4.9	21.4
9 8	0 17.73	− 4 5.3	4.571	5.539	3.2	21.2
9 18	0 13.24	− 4 34.3	4.537	5.534	1.5	21.1
9 28	0 8.52	− 5 2.4	4.533	5.528	1.4	21.1
10 8	0 3.88	− 5 27.5	4.559	5.522	3.0	21.2
10 18	23 59.64	− 5 47.9	4.614	5.516	4.8	21.3
10 28	23 56.08	− 6 1.9	4.696	5.510	6.4	21.5
496442	2014 OA_{137}		9 25.5	349.°98	0.°0/25.6	16
8 19	0 29.85	+ 3 6.0	1.721	2.565	15.3	21.3
8 29	0 26.93	+ 2 49.5	1.642	2.558	11.9	21.0
9 8	0 21.89	+ 2 19.5	1.583	2.552	7.9	20.8
9 18	0 15.25	+ 1 39.3	1.549	2.547	3.5	20.5
9 28	0 7.85	+ 0 54.1	1.541	2.542	1.1	20.3
10 8	0 0.71	+ 0 10.4	1.560	2.539	5.7	20.6
10 18	23 54.75	− 0 25.8	1.604	2.536	10.0	20.9
10 28	23 50.75	− 0 49.5	1.671	2.534	13.7	21.1
480178	2015 FE_{318}		9 25.5	175.°19	3.°0/22.7	16
8 19	0 34.66	− 2 52.1	1.743	2.593	14.8	21.6
8 29	0 30.53	− 3 55.2	1.672	2.595	11.3	21.4
9 8	0 24.19	− 5 8.8	1.623	2.596	7.4	21.2
9 18	0 16.23	− 6 26.3	1.600	2.597	3.7	20.9
9 28	0 7.55	− 7 39.6	1.604	2.597	3.9	21.0
10 8	23 59.22	− 8 40.8	1.636	2.597	7.6	21.2
10 18	23 52.19	− 9 24.4	1.693	2.597	11.5	21.4
10 28	23 47.22	− 9 47.3	1.773	2.596	14.9	21.6
258739	2002 GE_{151}		9 25.6	204.°49	0.°2/25.4	18
8 19	0 34.98	+ 1 29.1	2.420	3.240	12.2	20.4
8 29	0 30.19	+ 1 22.2	2.335	3.238	9.4	20.2
9 8	0 23.69	+ 1 7.0	2.272	3.236	6.2	20.0
9 18	0 15.96	+ 0 46.0	2.237	3.233	2.7	19.8
9 28	0 7.66	+ 0 22.5	2.230	3.231	1.0	19.6
10 8	23 59.56	+ 0 0.4	2.253	3.228	4.6	19.9
10 18	23 52.39	− 0 16.6	2.304	3.225	8.0	20.1
10 28	23 46.77	− 0 25.6	2.380	3.222	10.9	20.3
328512	2009 QR_{11}		9 25.6	35.°70	3.°2/23.2	15
8 19	0 33.19	− 1 53.0	1.105	1.983	19.5	20.5
8 29	0 30.21	− 2 47.2	1.061	1.998	14.8	20.3
9 8	0 24.29	− 3 54.9	1.035	2.013	9.6	20.0
9 18	0 16.30	− 5 7.3	1.031	2.030	4.4	19.8
9 28	0 7.58	− 6 13.6	1.051	2.047	4.2	19.8
10 8	23 59.61	− 7 3.8	1.095	2.065	9.0	20.2
10 18	23 53.59	− 7 32.0	1.160	2.084	13.8	20.5
10 28	23 50.33	− 7 35.7	1.246	2.104	17.8	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
227121	2005 NA_{122}		9 25.6	352.°27	1.°1/24.9	18
	h m	° ′			°	m
8 19	0 35.92	− 0 50.9	1.206	2.072	19.0	19.7
8 29	0 32.50	− 0 44.9	1.138	2.067	14.8	19.4
9 8	0 26.03	− 0 50.2	1.088	2.063	9.8	19.1
9 18	0 17.19	− 1 3.1	1.060	2.059	4.2	18.8
9 28	0 7.25	− 1 17.6	1.056	2.057	2.1	18.6
10 8	23 57.74	− 1 26.8	1.076	2.055	7.7	19.0
10 18	23 50.06	− 1 25.3	1.120	2.055	13.0	19.3
10 28	23 45.26	− 1 9.4	1.183	2.056	17.5	19.6
121684	1999 XH_{60}		9 25.6	4.°54	6.°7/19.7	18
8 19	0 31.34	−13 21.6	1.553	2.429	15.0	18.5
8 29	0 28.20	−14 20.7	1.497	2.429	11.7	18.3
9 8	0 22.73	−15 19.5	1.463	2.430	8.5	18.1
9 18	0 15.60	−16 9.8	1.452	2.432	6.7	18.0
9 28	0 7.80	−16 43.4	1.466	2.435	7.7	18.1
10 8	0 0.45	−16 54.8	1.504	2.440	10.5	18.3
10 18	23 54.54	−16 41.8	1.565	2.445	13.7	18.5
10 28	23 50.81	−16 5.2	1.647	2.451	16.7	18.7
188802	2005 WX_{67}		9 25.6	109.°97	7.°7/16.1	18
8 19	0 35.37	−23 25.9	2.384	3.228	11.6	20.2
8 29	0 30.44	−24 37.0	2.340	3.239	9.6	20.1
9 8	0 23.78	−25 40.4	2.321	3.250	8.1	20.1
9 18	0 15.95	−26 29.8	2.326	3.260	7.7	20.1
9 28	0 7.70	−26 59.5	2.358	3.270	8.6	20.1
10 8	23 59.87	−27 6.8	2.416	3.280	10.2	20.2
10 18	23 53.17	−26 51.4	2.496	3.290	12.1	20.4
10 28	23 48.16	−26 14.9	2.597	3.300	13.8	20.6
397142	2005 WX_{135}		9 25.6	76.°29	3.°2/29.3	18
8 19	0 31.79	+13 30.4	2.181	2.963	14.5	21.0
8 29	0 27.93	+13 24.0	2.103	2.973	11.8	20.8
9 8	0 22.28	+13 0.3	2.047	2.983	8.7	20.6
9 18	0 15.36	+12 20.2	2.015	2.993	5.4	20.4
9 28	0 7.88	+11 26.9	2.010	3.003	3.3	20.3
10 8	0 0.69	+10 25.6	2.034	3.012	4.7	20.4
10 18	23 54.52	+ 9 22.5	2.085	3.022	7.7	20.6
10 28	23 50.01	+ 8 23.6	2.162	3.032	10.7	20.9
228173	2009 SV_{232}		9 25.6	14.°51	2.°4/22.7	18
8 19	0 28.98	− 1 57.0	2.049	2.899	12.9	19.7
8 29	0 25.85	− 3 3.6	1.977	2.900	9.8	19.5
9 8	0 20.96	− 4 20.0	1.929	2.902	6.3	19.3
9 18	0 14.79	− 5 40.5	1.907	2.904	3.1	19.1
9 28	0 8.07	− 6 58.1	1.913	2.906	3.2	19.1
10 8	0 1.62	− 8 5.9	1.947	2.909	6.5	19.4
10 18	23 56.17	− 8 58.8	2.007	2.911	9.9	19.6
10 28	23 52.36	− 9 33.5	2.091	2.914	12.9	19.8
145716	1993 FC_{23}		9 25.6	124.°29	0.°6/26.1	18
8 19	0 37.34	+ 5 19.3	1.751	2.573	16.0	20.3
8 29	0 32.51	+ 4 58.2	1.682	2.585	12.5	20.1
9 8	0 25.45	+ 4 21.9	1.635	2.596	8.4	19.9
9 18	0 16.78	+ 3 33.7	1.612	2.607	3.9	19.7
9 28	0 7.44	+ 2 39.0	1.616	2.617	1.1	19.5
10 8	23 58.52	+ 1 44.8	1.649	2.628	5.5	19.8
10 18	23 50.98	+ 0 57.4	1.708	2.637	9.7	20.1
10 28	23 45.57	+ 0 22.0	1.791	2.646	13.3	20.4
41566	2000 RU_{72}		9 25.6	331.°13	0.°3/25.4	18
8 19	0 30.12	+ 4 4.2	1.152	2.018	19.7	18.4
8 29	0 28.21	+ 3 33.5	1.078	2.007	15.5	18.1
9 8	0 23.34	+ 2 40.7	1.022	1.996	10.4	17.8
9 18	0 16.08	+ 1 30.2	0.987	1.985	4.6	17.5
9 28	0 7.62	+ 0 10.9	0.975	1.976	1.7	17.2
10 8	23 59.45	− 1 5.5	0.986	1.967	7.8	17.6
10 18	23 53.00	− 2 8.2	1.020	1.960	13.5	17.9
10 28	23 49.35	− 2 49.0	1.074	1.953	18.4	18.2
494577	2017 BD_{38}		9 25.6	277.°17	7.°1/ 2.0	17
8 19	0 37.87	+21 24.9	2.275	2.997	15.6	20.9
8 29	0 33.06	+22 23.1	2.162	2.975	13.6	20.7
9 8	0 26.04	+23 4.4	2.068	2.953	11.2	20.5
9 18	0 17.19	+23 25.5	1.997	2.930	8.9	20.3
9 28	0 7.25	+23 24.8	1.952	2.907	7.3	20.2
10 8	23 57.20	+23 3.4	1.934	2.884	7.5	20.2
10 18	23 48.06	+22 25.5	1.943	2.861	9.4	20.2
10 28	23 40.75	+21 37.7	1.977	2.838	12.0	20.4
35122	1992 ET_{15}		9 25.6	74.°80	1.°6/26.8	18
8 19	0 38.04	+ 7 32.0	1.324	2.157	19.6	19.0
8 29	0 33.57	+ 7 15.2	1.271	2.177	15.4	18.8
9 8	0 26.35	+ 6 37.6	1.236	2.198	10.5	18.5
9 18	0 17.20	+ 5 42.8	1.225	2.218	5.2	18.3
9 28	0 7.34	+ 4 37.8	1.238	2.239	1.7	18.1
10 8	23 58.17	+ 3 31.8	1.277	2.259	6.3	18.5
10 18	23 50.84	+ 2 33.5	1.341	2.279	11.1	18.8
10 28	23 46.14	+ 1 49.6	1.428	2.299	15.2	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
343590	2010 GG_{33}		9 25.6	164.°85	1.°2/24.4	18
	h m	° ′			°	m
8 19	0 39.33	− 1 38.5	2.204	3.029	13.0	21.0
8 29	0 33.62	− 1 51.1	2.126	3.034	10.0	20.8
9 8	0 25.99	− 2 10.6	2.072	3.038	6.5	20.6
9 18	0 16.99	− 2 33.7	2.044	3.042	2.8	20.4
9 28	0 7.39	− 2 56.3	2.046	3.045	1.9	20.3
10 8	23 58.11	− 3 14.2	2.077	3.048	5.4	20.6
10 18	23 49.95	− 3 23.9	2.137	3.050	9.0	20.8
10 28	23 43.58	− 3 23.1	2.222	3.051	12.0	21.0
330543	2008 AR_{55}		9 25.6	174.°03	2.°3/27.7	17
8 19	0 37.38	+ 9 49.1	1.833	2.635	16.2	21.8
8 29	0 32.62	+ 9 37.8	1.752	2.637	13.0	21.6
9 8	0 25.61	+ 9 8.3	1.690	2.640	9.2	21.4
9 18	0 16.91	+ 8 22.4	1.653	2.641	5.0	21.1
9 28	0 7.42	+ 7 24.1	1.644	2.642	2.3	20.9
10 8	23 58.22	+ 6 20.0	1.662	2.643	5.3	21.1
10 18	23 50.32	+ 5 17.6	1.708	2.643	9.3	21.4
10 28	23 44.49	+ 4 23.5	1.779	2.642	13.1	21.6
157043	2003 ST_{44}		9 25.6	51.°77	1.°8/27.6	18
8 19	0 30.92	+ 9 19.3	2.095	2.902	14.2	19.4
8 29	0 27.27	+ 9 1.1	2.025	2.914	11.3	19.3
9 8	0 21.85	+ 8 27.4	1.976	2.927	7.9	19.1
9 18	0 15.18	+ 7 40.3	1.951	2.940	4.3	18.9
9 28	0 8.00	+ 6 44.2	1.954	2.953	1.8	18.7
10 8	0 1.13	+ 5 44.8	1.986	2.967	4.5	18.9
10 18	23 55.32	+ 4 47.8	2.045	2.980	7.9	19.2
10 28	23 51.16	+ 3 58.8	2.129	2.994	11.1	19.4
344657	2003 SE_{47}		9 25.6	338.°59	3.°1/27.4	18
8 19	0 38.27	+ 6 14.8	1.447	2.278	18.3	19.9
8 29	0 34.07	+ 7 5.9	1.364	2.267	14.8	19.7
9 8	0 27.02	+ 7 44.1	1.301	2.258	10.5	19.4
9 18	0 17.69	+ 8 8.6	1.259	2.249	5.9	19.1
9 28	0 7.16	+ 8 20.5	1.243	2.241	3.1	18.9
10 8	23 56.83	+ 8 23.5	1.253	2.234	6.5	19.1
10 18	23 48.05	+ 8 22.7	1.288	2.228	11.2	19.4
10 28	23 41.89	+ 8 23.8	1.345	2.223	15.5	19.6
480202	2015 FP_{353}		9 25.6	120.°04	0.°3/25.8	17
8 19	0 37.11	+ 3 52.3	1.761	2.587	15.7	21.6
8 29	0 32.37	+ 3 36.5	1.690	2.596	12.2	21.3
9 8	0 25.39	+ 3 7.2	1.641	2.605	8.2	21.1
9 18	0 16.79	+ 2 27.5	1.617	2.613	3.7	20.9
9 28	0 7.50	+ 1 42.6	1.620	2.621	1.1	20.7
10 8	23 58.61	+ 0 58.9	1.651	2.629	5.6	21.0
10 18	23 51.08	+ 0 22.1	1.708	2.636	9.8	21.3
10 28	23 45.65	− 0 3.1	1.790	2.644	13.4	21.6
444286	2005 UH_{460}		9 25.6	7.°97	2.°7/27.9	17
8 19	0 28.67	+ 9 10.2	1.410	2.249	18.3	20.5
8 29	0 26.43	+ 9 14.8	1.344	2.251	14.7	20.2
9 8	0 21.76	+ 8 58.9	1.296	2.255	10.4	20.0
9 18	0 15.28	+ 8 24.1	1.270	2.260	5.8	19.8
9 28	0 7.98	+ 7 35.2	1.268	2.267	2.7	19.6
10 8	0 1.06	+ 6 39.9	1.291	2.275	5.8	19.8
10 18	23 55.60	+ 5 46.4	1.338	2.284	10.3	20.1
10 28	23 52.40	+ 5 2.2	1.408	2.295	14.3	20.4
507373	2012 BG_{99}		9 25.6	253.°21	1.°0/26.3	17
8 19	0 37.30	+ 5 33.9	1.501	2.332	17.7	22.5
8 29	0 33.23	+ 5 22.2	1.413	2.320	14.1	22.3
9 8	0 26.42	+ 4 52.7	1.344	2.307	9.6	22.0
9 18	0 17.42	+ 4 7.6	1.299	2.294	4.6	21.7
9 28	0 7.26	+ 3 12.2	1.280	2.281	1.3	21.4
10 8	23 57.27	+ 2 14.6	1.287	2.267	6.5	21.7
10 18	23 48.73	+ 1 22.8	1.319	2.253	11.5	22.0
10 28	23 42.70	+ 0 44.2	1.374	2.239	16.0	22.2
96492	1998 KL_9		9 25.6	229.°03	2.°8/28.8	18
8 19	0 33.46	+13 24.5	2.310	3.086	14.0	20.7
8 29	0 29.30	+12 59.8	2.206	3.073	11.4	20.5
9 8	0 23.31	+12 16.7	2.124	3.060	8.4	20.2
9 18	0 15.90	+11 16.2	2.066	3.046	5.1	20.0
9 28	0 7.77	+10 1.6	2.037	3.031	2.8	19.8
10 8	23 59.75	+ 8 38.6	2.037	3.016	4.6	19.9
10 18	23 52.65	+ 7 14.0	2.066	3.000	8.0	20.1
10 28	23 47.17	+ 5 54.9	2.121	2.984	11.3	20.3
352945	2009 BL_{10}		9 25.6	307.°25	4.°5/21.3	18
8 19	0 32.44	− 7 2.3	1.687	2.551	14.6	20.9
8 29	0 29.01	− 8 8.0	1.614	2.543	11.2	20.7
9 8	0 23.32	− 9 21.0	1.562	2.535	7.6	20.4
9 18	0 15.94	−10 33.9	1.536	2.527	4.7	20.3
9 28	0 7.78	−11 38.3	1.535	2.520	5.5	20.3
10 8	23 59.89	−12 26.5	1.561	2.512	8.9	20.5
10 18	23 53.29	−12 53.5	1.611	2.505	12.6	20.7
10 28	23 48.76	−12 57.5	1.683	2.498	15.9	20.9

315106 2007 EQ_{21} 9 25.6 242.°06 0.°2/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.23	+ 2 22.2	2.460	3.279	12.0	21.8
8 29	0 28.91	+ 2 3.0	2.366	3.269	9.3	21.6
9 8	0 22.93	+ 1 34.3	2.295	3.258	6.2	21.3
9 18	0 15.70	+ 0 58.6	2.251	3.247	2.7	21.1
9 28	0 7.86	+ 0 19.7	2.235	3.236	1.0	20.9
10 8	0 0.16	− 0 17.9	2.249	3.225	4.6	21.2
10 18	23 53.31	− 0 50.0	2.291	3.213	8.0	21.4
10 28	23 47.94	− 1 13.0	2.359	3.201	11.0	21.6

273571 2007 CS_3 9 25.6 253.°86 2.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.97	− 2 22.4	1.699	2.551	15.1	20.8
8 29	0 30.25	− 3 25.7	1.616	2.539	11.6	20.6
9 8	0 24.20	− 4 41.4	1.554	2.527	7.6	20.3
9 18	0 16.37	− 6 3.2	1.518	2.515	3.7	20.1
9 28	0 7.64	− 7 22.4	1.509	2.502	3.9	20.0
10 8	23 59.13	− 8 30.5	1.526	2.489	7.9	20.3
10 18	23 51.86	− 9 20.7	1.569	2.475	12.1	20.5
10 28	23 46.71	− 9 49.0	1.634	2.462	15.8	20.7

258961 2002 SN_1 9 25.6 250.°75 0.°6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.38	+ 4 26.8	1.756	2.580	15.9	20.7
8 29	0 32.91	+ 4 15.7	1.662	2.566	12.5	20.5
9 8	0 26.02	+ 3 50.1	1.588	2.551	8.5	20.2
9 18	0 17.21	+ 3 12.4	1.540	2.535	4.0	19.9
9 28	0 7.37	+ 2 27.0	1.518	2.519	1.1	19.7
10 8	23 57.66	+ 1 40.5	1.524	2.503	5.9	20.0
10 18	23 49.19	+ 0 59.5	1.557	2.486	10.5	20.2
10 28	23 42.89	+ 0 29.7	1.613	2.469	14.5	20.4

344237 2001 SG_{137} 9 25.6 3.°35 0.°8/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.22	+ 7 31.7	1.186	2.045	19.8	20.0
8 29	0 25.74	+ 6 49.0	1.121	2.043	15.6	19.8
9 8	0 21.54	+ 5 40.3	1.073	2.043	10.6	19.5
9 18	0 15.26	+ 4 10.4	1.047	2.044	5.0	19.2
9 28	0 8.03	+ 2 28.9	1.044	2.046	1.3	18.9
10 8	0 1.22	+ 0 48.5	1.066	2.049	6.9	19.3
10 18	23 56.04	− 0 38.9	1.111	2.053	12.3	19.6
10 28	23 53.41	− 1 44.4	1.176	2.059	16.9	19.9

513829 2013 EC_{88} 9 25.6 128.°93 0.°2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.76	+ 4 21.4	2.634	3.443	11.6	22.3
8 29	0 28.29	+ 3 54.5	2.559	3.456	9.0	22.1
9 8	0 22.35	+ 3 17.8	2.509	3.469	6.0	22.0
9 18	0 15.39	+ 2 33.7	2.485	3.481	2.7	21.8
9 28	0 8.02	+ 1 46.1	2.491	3.492	0.8	21.6
10 8	0 0.90	+ 0 59.4	2.527	3.503	4.0	21.9
10 18	23 54.64	+ 0 17.7	2.591	3.514	7.1	22.1
10 28	23 49.76	− 0 15.6	2.682	3.525	9.8	22.3

448664 2010 VW_{177} 9 25.6 249.°47 6.°3/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.11	+26 6.1	2.631	3.322	14.4	21.1
8 29	0 27.43	+26 9.6	2.522	3.309	12.6	21.0
9 8	0 22.04	+25 52.0	2.431	3.296	10.5	20.8
9 18	0 15.35	+25 11.7	2.362	3.282	8.3	20.6
9 28	0 8.00	+24 9.1	2.319	3.269	6.7	20.5
10 8	0 0.76	+22 47.7	2.304	3.255	6.4	20.5
10 18	23 54.35	+21 13.1	2.316	3.240	7.8	20.5
10 28	23 49.45	+19 32.6	2.356	3.226	10.0	20.6

403728 2010 WR_{63} 9 25.6 181.°74 2.°1/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.92	− 4 17.8	2.769	3.604	10.4	21.8
8 29	0 27.63	− 4 58.1	2.690	3.605	7.9	21.6
9 8	0 21.93	− 5 43.4	2.636	3.605	5.1	21.4
9 18	0 15.22	− 6 30.2	2.609	3.605	2.6	21.2
9 28	0 8.07	− 7 14.0	2.612	3.604	2.7	21.3
10 8	0 1.12	− 7 50.8	2.645	3.603	5.2	21.4
10 18	23 54.95	− 8 17.4	2.705	3.602	8.0	21.6
10 28	23 50.08	− 8 31.8	2.791	3.601	10.4	21.8

146025 2000 DY_{29} 9 25.6 232.°55 0.°1/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.45	+ 4 11.2	1.762	2.591	15.6	21.1
8 29	0 31.31	+ 3 41.9	1.676	2.583	12.2	20.8
9 8	0 24.88	+ 2 57.2	1.610	2.575	8.2	20.6
9 18	0 16.68	+ 2 0.3	1.569	2.566	3.7	20.3
9 28	0 7.59	+ 0 57.2	1.555	2.556	1.1	20.1
10 8	23 58.72	− 0 4.8	1.569	2.547	5.9	20.4
10 18	23 51.09	− 0 58.7	1.610	2.537	10.3	20.6
10 28	23 45.55	− 1 38.7	1.674	2.526	14.2	20.8

260148 2004 RH_6 9 25.6 3.°86 9.°5/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.67	−20 15.6	1.474	2.350	15.6	19.4
8 29	0 29.42	−21 25.2	1.426	2.350	12.8	19.2
9 8	0 23.65	−22 27.4	1.399	2.350	10.4	19.0
9 18	0 16.08	−23 12.4	1.394	2.352	9.5	19.0
9 28	0 7.83	−23 31.9	1.412	2.356	10.6	19.1
10 8	0 0.14	−23 21.4	1.453	2.360	13.0	19.2
10 18	23 54.06	−22 41.0	1.516	2.366	15.8	19.4
10 28	23 50.34	−21 34.0	1.597	2.372	18.3	19.6

346744 2009 BS_{14} 9 25.6 205.°88 7.°6/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.80	−19 13.3	1.996	2.846	13.2	20.9
8 29	0 33.54	−20 19.7	1.933	2.843	10.7	20.8
9 8	0 26.11	−21 21.6	1.893	2.840	8.6	20.6
9 18	0 17.13	−22 11.2	1.879	2.836	7.6	20.6
9 28	0 7.49	−22 41.4	1.891	2.831	8.5	20.6
10 8	23 58.25	−22 47.9	1.928	2.827	10.7	20.8
10 18	23 50.32	−22 29.6	1.990	2.822	13.3	20.9
10 28	23 44.44	−21 48.1	2.072	2.817	15.7	21.1

521826 2015 TB_{358} 9 25.6 250.°28 1.°1/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.88	+ 8 19.1	2.530	3.332	12.2	21.6
8 29	0 26.33	+ 7 44.8	2.432	3.321	9.7	21.4
9 8	0 21.23	+ 6 56.5	2.358	3.311	6.7	21.2
9 18	0 14.98	+ 5 56.3	2.309	3.300	3.4	20.9
9 28	0 8.16	+ 4 48.2	2.289	3.289	1.2	20.8
10 8	0 1.47	+ 3 37.6	2.298	3.278	4.1	21.0
10 18	23 55.57	+ 2 29.9	2.336	3.267	7.4	21.1
10 28	23 51.04	+ 1 30.4	2.401	3.255	10.4	21.3

426189 2012 JP_{42} 9 25.6 51.°45 3.°7/28.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.59	+12 43.4	1.351	2.170	20.0	21.1
8 29	0 30.32	+12 35.5	1.288	2.181	16.2	20.9
9 8	0 24.37	+12 1.8	1.244	2.193	11.7	20.7
9 18	0 16.46	+11 3.9	1.220	2.205	7.0	20.5
9 28	0 7.72	+ 9 47.5	1.222	2.218	3.7	20.3
10 8	23 59.48	+ 8 22.2	1.248	2.231	6.2	20.5
10 18	23 52.92	+ 6 58.5	1.299	2.244	10.7	20.8
10 28	23 48.88	+ 5 46.2	1.373	2.257	14.8	21.1

506792 2007 CU_{27} 9 25.6 252.°83 1.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.89	+ 1 0.3	1.781	2.620	15.1	22.1
8 29	0 30.92	+ 0 16.0	1.690	2.605	11.7	21.8
9 8	0 24.66	− 0 42.3	1.620	2.590	7.7	21.6
9 18	0 16.62	− 1 50.0	1.576	2.574	3.3	21.3
9 28	0 7.65	− 3 0.4	1.559	2.558	2.2	21.2
10 8	23 58.82	− 4 5.4	1.569	2.541	6.7	21.4
10 18	23 51.18	− 4 58.1	1.606	2.524	11.0	21.6
10 28	23 45.59	− 5 33.5	1.666	2.507	14.9	21.8

23916 1998 SD_{131} 9 25.6 221.°11 0.°3/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.59	+ 3 42.5	2.579	3.392	11.7	18.9
8 29	0 28.33	+ 3 26.8	2.489	3.387	9.1	18.7
9 8	0 22.50	+ 3 1.6	2.422	3.382	6.1	18.5
9 18	0 15.53	+ 2 29.0	2.382	3.377	2.8	18.3
9 28	0 8.03	+ 1 52.3	2.371	3.372	0.8	18.1
10 8	0 0.68	+ 1 15.9	2.389	3.366	4.2	18.4
10 18	23 54.15	+ 0 43.5	2.436	3.360	7.4	18.6
10 28	23 49.03	+ 0 18.9	2.508	3.354	10.3	18.8

435087 2007 CR_{16} 9 25.6 232.°72 2.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.19	+ 9 52.8	1.712	2.520	16.9	21.9
8 29	0 31.99	+ 9 57.3	1.627	2.516	13.6	21.6
9 8	0 25.39	+ 9 43.6	1.562	2.511	9.7	21.4
9 18	0 16.94	+ 9 12.6	1.520	2.507	5.6	21.2
9 28	0 7.57	+ 8 27.5	1.504	2.502	2.8	21.0
10 8	23 58.43	+ 7 34.7	1.516	2.497	5.6	21.1
10 18	23 50.59	+ 6 41.2	1.554	2.492	9.8	21.4
10 28	23 44.95	+ 5 54.4	1.616	2.486	13.7	21.6

309991 2009 HW_{94} 9 25.6 223.°03 1.°4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.28	− 0 44.5	2.054	2.892	13.4	21.6
8 29	0 29.20	− 1 17.3	1.976	2.892	10.2	21.4
9 8	0 23.24	− 1 59.2	1.921	2.891	6.7	21.2
9 18	0 15.89	− 2 46.4	1.892	2.890	2.9	21.0
9 28	0 7.92	− 3 33.4	1.891	2.889	2.1	20.9
10 8	0 0.22	− 4 14.5	1.918	2.888	5.8	21.2
10 18	23 53.58	− 4 45.2	1.972	2.888	9.4	21.4
10 28	23 48.68	− 5 2.2	2.050	2.887	12.6	21.6

423477 2005 SH_{271} 9 25.6 83.°56 0.°9/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.32	+ 7 26.2	1.563	2.389	17.4	21.3
8 29	0 31.15	+ 6 46.2	1.505	2.408	13.6	21.1
9 8	0 24.65	+ 5 46.9	1.467	2.428	9.2	20.9
9 18	0 16.51	+ 4 32.8	1.452	2.447	4.3	20.6
9 28	0 7.76	+ 3 11.1	1.465	2.466	1.2	20.5
10 8	23 59.54	+ 1 50.7	1.504	2.485	5.7	20.8
10 18	23 52.83	+ 0 39.9	1.570	2.503	10.1	21.1
10 28	23 48.35	− 0 15.3	1.660	2.521	13.9	21.4

45442 2000 AK_{179} 9 25.6 233.°59 3.°0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.10	+12 48.1	1.984	2.777	15.4	20.0
8 29	0 28.50	+12 30.7	1.896	2.773	12.5	19.7
9 8	0 22.90	+11 53.7	1.827	2.769	9.1	19.5
9 18	0 15.79	+10 58.3	1.783	2.765	5.5	19.3
9 28	0 7.95	+ 9 48.2	1.766	2.761	3.0	19.1
10 8	0 0.32	+ 8 29.9	1.776	2.757	4.9	19.3
10 18	23 53.78	+ 7 11.0	1.814	2.753	8.6	19.5
10 28	23 49.05	+ 5 58.9	1.878	2.748	12.1	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
23802	1998 QA_{39}		9 25.6	41.°58	6.°9/ 1.1	18
	h m	° ′			°	m
8 19	0 38.60	+16 58.2	1.554	2.333	19.5	17.5
8 29	0 34.01	+18 1.7	1.489	2.347	16.4	17.3
9 8	0 26.77	+18 43.0	1.442	2.361	12.8	17.1
9 18	0 17.53	+18 59.4	1.416	2.375	9.3	17.0
9 28	0 7.42	+18 50.9	1.415	2.391	7.1	16.9
10 8	23 57.72	+18 22.0	1.438	2.406	7.7	16.9
10 18	23 49.64	+17 39.8	1.487	2.422	10.4	17.1
10 28	23 44.07	+16 53.2	1.560	2.439	13.6	17.4
18475	1995 WM_7		9 25.6	340.°09	5.°9/19.9	18
8 19	0 32.95	−12 42.1	1.820	2.685	13.7	17.9
8 29	0 29.23	−13 40.5	1.753	2.679	10.7	17.7
9 8	0 23.38	−14 39.8	1.708	2.674	7.7	17.5
9 18	0 15.99	−15 32.8	1.688	2.669	5.9	17.4
9 28	0 7.91	−16 12.0	1.694	2.664	6.8	17.5
10 8	0 0.16	−16 32.0	1.726	2.660	9.5	17.6
10 18	23 53.66	−16 30.0	1.782	2.656	12.6	17.8
10 28	23 49.12	−16 6.0	1.860	2.653	15.5	18.0
472829	2015 FO_{182}		9 25.6	209.°59	3.°0/22.9	17
8 19	0 37.01	− 3 53.0	1.681	2.531	15.3	21.7
8 29	0 32.53	− 4 38.4	1.606	2.528	11.7	21.5
9 8	0 25.67	− 5 32.8	1.553	2.525	7.7	21.2
9 18	0 17.03	− 6 30.3	1.525	2.521	3.9	21.0
9 28	0 7.58	− 7 23.4	1.524	2.517	3.9	21.0
10 8	23 58.45	− 8 4.9	1.550	2.513	7.7	21.2
10 18	23 50.70	− 8 29.7	1.602	2.509	11.8	21.4
10 28	23 45.16	− 8 35.2	1.675	2.504	15.4	21.7
25491	Meador		9 25.6	273.°93	3.°8/29.2	18
8 19	0 33.51	+13 17.1	1.940	2.729	15.8	19.1
8 29	0 29.77	+13 22.9	1.842	2.715	13.0	18.9
9 8	0 23.88	+13 9.8	1.764	2.701	9.7	18.6
9 18	0 16.29	+12 37.8	1.709	2.687	6.2	18.4
9 28	0 7.79	+11 49.2	1.680	2.672	3.8	18.2
10 8	23 59.40	+10 49.1	1.679	2.658	5.4	18.3
10 18	23 52.08	+ 9 44.5	1.704	2.643	9.0	18.5
10 28	23 46.67	+ 8 43.0	1.755	2.629	12.6	18.7
356902	2011 YF_{56}		9 25.6	302.°47	1.°3/28.0	18
8 19	0 25.98	+ 9 1.1	4.159	4.941	8.1	21.2
8 29	0 22.73	+ 8 53.9	4.060	4.935	6.5	21.1
9 8	0 18.56	+ 8 39.0	3.985	4.928	4.6	21.0
9 18	0 13.75	+ 8 17.4	3.937	4.922	2.6	20.8
9 28	0 8.63	+ 7 50.7	3.918	4.915	1.3	20.7
10 8	0 3.60	+ 7 21.2	3.930	4.909	2.6	20.8
10 18	23 59.01	+ 6 51.2	3.971	4.903	4.6	20.9
10 28	23 55.22	+ 6 23.4	4.040	4.896	6.5	21.1
333548	2005 UB_{91}		9 25.6	61.°78	3.°9/28.9	18
8 19	0 35.25	+12 30.9	1.504	2.313	18.8	20.3
8 29	0 31.39	+12 36.9	1.438	2.324	15.2	20.1
9 8	0 25.00	+12 20.4	1.389	2.335	11.1	19.8
9 18	0 16.74	+11 42.2	1.363	2.346	6.8	19.6
9 28	0 7.69	+10 46.3	1.363	2.357	3.9	19.5
10 8	23 59.08	+ 9 40.4	1.388	2.369	6.0	19.7
10 18	23 52.02	+ 8 33.2	1.438	2.380	10.1	19.9
10 28	23 47.34	+ 7 33.2	1.512	2.392	13.9	20.2
374039	2004 HP_{14}		9 25.6	248.°28	2.°3/23.7	17
8 19	0 37.26	− 2 29.2	1.626	2.475	15.8	20.9
8 29	0 32.88	− 3 1.7	1.547	2.467	12.2	20.6
9 8	0 26.01	− 3 44.3	1.488	2.460	8.0	20.4
9 18	0 17.23	− 4 31.8	1.454	2.452	3.7	20.1
9 28	0 7.53	− 5 17.3	1.447	2.443	3.2	20.1
10 8	23 58.10	− 5 53.7	1.466	2.435	7.4	20.3
10 18	23 50.08	− 6 15.6	1.511	2.426	11.8	20.5
10 28	23 44.34	− 6 19.6	1.578	2.418	15.7	20.8
3570	Wuyeesun		9 25.6	43.°12	6.°1/19.3	18 R
8 19	0 33.48	−14 13.6	1.955	2.816	13.0	15.7
8 29	0 29.38	−15 18.4	1.900	2.822	10.2	15.5
9 8	0 23.34	−16 22.1	1.867	2.829	7.5	15.4
9 18	0 15.92	−17 17.7	1.861	2.835	6.1	15.3
9 28	0 7.98	−17 58.4	1.880	2.842	7.0	15.4
10 8	0 0.43	−18 19.5	1.926	2.849	9.4	15.5
10 18	23 54.10	−18 18.9	1.997	2.857	12.1	15.7
10 28	23 49.62	−17 57.1	2.088	2.864	14.6	15.9
6993	1995 BJ_4		9 25.6	307.°45	1.°0/24.5	18
8 19	0 30.96	+ 0 42.8	2.153	2.989	12.9	17.1
8 29	0 27.40	+ 0 8.6	2.068	2.982	9.9	16.9
9 8	0 22.06	− 0 35.9	2.006	2.975	6.5	16.7
9 18	0 15.40	− 1 27.0	1.970	2.968	2.8	16.4
9 28	0 8.12	− 2 19.5	1.961	2.961	1.7	16.3
10 8	0 1.03	− 3 7.9	1.981	2.954	5.4	16.6
10 18	23 54.90	− 3 47.1	2.028	2.947	9.0	16.8
10 28	23 50.38	− 4 13.4	2.099	2.941	12.2	17.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
178501	1999 TQ_{131}		9 25.6	305.°14	0.°8/26.3	18
	h m	° ′			°	m
8 19	0 32.85	+ 5 45.4	1.359	2.205	18.5	20.3
8 29	0 30.04	+ 5 27.4	1.275	2.190	14.6	20.1
9 8	0 24.47	+ 4 49.1	1.209	2.176	10.0	19.7
9 18	0 16.67	+ 3 53.1	1.166	2.162	4.8	19.4
9 28	0 7.69	+ 2 45.9	1.147	2.148	1.3	19.1
10 8	23 58.89	+ 1 36.8	1.153	2.135	6.8	19.5
10 18	23 51.58	+ 0 35.3	1.183	2.122	12.1	19.7
10 28	23 46.84	− 0 10.3	1.235	2.109	16.8	20.0
401752	2013 JW_{60}		9 25.6	34.°44	3.°5/29.7	18
8 19	0 30.05	+14 27.3	2.086	2.870	15.0	20.9
8 29	0 26.76	+14 17.9	2.007	2.877	12.3	20.7
9 8	0 21.64	+13 49.5	1.949	2.884	9.1	20.6
9 18	0 15.21	+13 3.0	1.915	2.891	5.8	20.4
9 28	0 8.20	+12 2.0	1.908	2.899	3.6	20.3
10 8	0 1.45	+10 52.1	1.928	2.907	4.8	20.4
10 18	23 55.74	+ 9 40.0	1.975	2.915	7.9	20.6
10 28	23 51.70	+ 8 32.5	2.048	2.924	11.0	20.8
288078	2003 VG_2		9 25.6	352.°78	7.°3/29.1	18
8 19	0 33.05	+10 17.3	0.933	1.792	23.9	18.9
8 29	0 31.31	+11 58.3	0.867	1.782	19.9	18.6
9 8	0 25.94	+13 20.1	0.817	1.773	15.1	18.3
9 18	0 17.51	+14 17.2	0.784	1.767	10.3	18.1
9 28	0 7.42	+14 46.8	0.772	1.762	7.4	17.9
10 8	23 57.62	+14 51.9	0.780	1.760	9.4	18.0
10 18	23 49.97	+14 40.1	0.807	1.760	14.0	18.3
10 28	23 45.88	+14 22.5	0.854	1.762	18.8	18.5
381788	2009 TG_{34}		9 25.6	355.°40	5.°6/21.4	18
8 19	0 35.41	− 8 52.3	1.321	2.196	17.2	20.1
8 29	0 31.83	− 9 45.9	1.260	2.194	13.3	19.9
9 8	0 25.46	−10 44.7	1.218	2.192	9.1	19.6
9 18	0 17.00	−11 40.2	1.200	2.191	5.9	19.5
9 28	0 7.64	−12 22.4	1.206	2.190	6.6	19.5
10 8	23 58.77	−12 44.0	1.236	2.190	10.4	19.7
10 18	23 51.61	−12 41.1	1.289	2.190	14.5	20.0
10 28	23 47.08	−12 13.5	1.361	2.191	18.2	20.2
451389	2011 CT_{40}		9 25.6	305.°40	3.°2/21.8	17
8 19	0 30.01	− 5 29.3	2.144	2.998	12.3	21.4
8 29	0 26.71	− 6 28.1	2.061	2.985	9.4	21.2
9 8	0 21.64	− 7 33.9	2.000	2.972	6.2	21.0
9 18	0 15.24	− 8 41.5	1.966	2.960	3.6	20.8
9 28	0 8.19	− 9 44.2	1.960	2.948	4.1	20.8
10 8	0 1.32	−10 35.9	1.982	2.935	7.1	20.9
10 18	23 55.39	−11 12.1	2.029	2.924	10.3	21.1
10 28	23 51.06	−11 30.0	2.099	2.912	13.3	21.3
394594	2007 VT_{207}		9 25.6	192.°11	3.°4/29.9	18
8 19	0 32.62	+15 36.4	2.361	3.125	14.0	21.9
8 29	0 28.58	+15 18.1	2.268	3.124	11.5	21.8
9 8	0 22.80	+14 41.3	2.195	3.122	8.7	21.6
9 18	0 15.72	+13 46.7	2.148	3.120	5.6	21.4
9 28	0 8.04	+12 37.3	2.128	3.117	3.5	21.2
10 8	0 0.54	+11 18.3	2.137	3.114	4.6	21.3
10 18	23 53.98	+ 9 56.4	2.174	3.110	7.5	21.5
10 28	23 48.99	+ 8 38.2	2.239	3.106	10.5	21.7
2036	Sheragul		9 25.6	49.°47	1.°1/26.3	18 A
8 19	0 39.11	+ 4 40.1	1.116	1.969	21.2	15.5
8 29	0 34.84	+ 4 45.3	1.069	1.988	16.5	15.3
9 8	0 27.45	+ 4 31.6	1.039	2.007	11.1	15.1
9 18	0 17.83	+ 4 2.3	1.031	2.027	5.2	14.8
9 28	0 7.43	+ 3 24.1	1.046	2.047	1.5	14.7
10 8	23 57.84	+ 2 45.6	1.086	2.068	7.0	15.1
10 18	23 50.38	+ 2 14.5	1.149	2.089	12.2	15.4
10 28	23 45.92	+ 1 56.8	1.233	2.111	16.6	15.8
334686	2003 BJ_{46}		9 25.6	132.°93	10.°7/14.4	15
8 19	0 33.22	−10 44.8	1.089	1.980	18.8	19.7
8 29	0 30.69	−14 36.9	1.045	1.985	14.7	19.5
9 8	0 24.99	−18 38.4	1.024	1.990	11.4	19.3
9 18	0 16.87	−22 25.6	1.028	1.995	11.0	19.3
9 28	0 7.70	−25 34.9	1.057	1.999	13.5	19.5
10 8	23 59.11	−27 51.6	1.109	2.003	17.2	19.7
10 18	23 52.52	−29 11.8	1.179	2.007	20.8	20.0
10 28	23 48.91	−29 40.0	1.265	2.010	23.8	20.2
165528	2001 CK_{28}		9 25.6	244.°74	4.°1/28.9	18
8 19	0 38.88	+11 59.6	1.958	2.742	15.9	20.9
8 29	0 33.89	+12 34.9	1.865	2.735	13.0	20.7
9 8	0 26.60	+12 54.8	1.792	2.727	9.7	20.5
9 18	0 17.52	+12 58.5	1.743	2.720	6.3	20.3
9 28	0 7.49	+12 46.9	1.722	2.712	4.1	20.1
10 8	23 57.59	+12 23.4	1.728	2.704	5.7	20.2
10 18	23 48.84	+11 53.4	1.761	2.695	9.1	20.4
10 28	23 42.14	+11 23.1	1.820	2.687	12.6	20.6

330595 2008 CU_{209} 9 25.6 285.°67 8.°9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.61	−15 34.1	1.415	2.290	16.2	20.5
8 29	0 32.09	−17 11.5	1.347	2.275	13.0	20.3
9 8	0 25.75	−18 50.2	1.300	2.260	10.2	20.1
9 18	0 17.21	−20 18.5	1.275	2.245	8.9	20.0
9 28	0 7.59	−21 24.3	1.275	2.230	10.3	20.0
10 8	23 58.29	−21 58.8	1.299	2.215	13.5	20.2
10 18	23 50.61	−21 58.7	1.343	2.200	17.0	20.4
10 28	23 45.54	−21 25.4	1.405	2.186	20.2	20.5

134301 2141 *P–L* 9 25.6 23.°61 1.°1/26.5 17

8 19	0 30.04	+ 6 40.1	1.227	2.082	19.5	19.4
8 29	0 27.70	+ 6 17.8	1.174	2.094	15.3	19.2
9 8	0 22.70	+ 5 34.0	1.139	2.107	10.4	19.0
9 18	0 15.77	+ 4 33.0	1.125	2.121	4.9	18.7
9 28	0 8.09	+ 3 22.6	1.136	2.137	1.4	18.5
10 8	0 0.96	+ 2 13.0	1.170	2.154	6.4	18.9
10 18	23 55.51	+ 1 13.3	1.229	2.171	11.3	19.2
10 28	23 52.55	+ 0 30.4	1.309	2.190	15.6	19.5

226531 2003 UO_{142} 9 25.6 228.°88 4.°4/ 1.5 18

8 19	0 30.64	+18 40.2	2.555	3.299	13.6	20.3
8 29	0 26.98	+18 41.9	2.461	3.297	11.4	20.1
9 8	0 21.71	+18 26.0	2.387	3.295	8.9	20.0
9 18	0 15.25	+17 52.2	2.337	3.293	6.4	19.8
9 28	0 8.23	+17 2.2	2.314	3.291	4.6	19.7
10 8	0 1.36	+16 0.1	2.319	3.289	5.0	19.7
10 18	23 55.33	+14 51.2	2.353	3.287	7.1	19.9
10 28	23 50.74	+13 41.7	2.413	3.285	9.7	20.0

46705 1997 EE_{37} 9 25.6 255.°88 3.°3/22.7 18

8 19	0 35.17	− 3 19.0	1.575	2.431	15.9	19.7
8 29	0 31.37	− 4 16.6	1.496	2.421	12.2	19.4
9 8	0 25.08	− 5 25.8	1.438	2.412	8.0	19.2
9 18	0 16.87	− 6 39.8	1.405	2.402	4.1	18.9
9 28	0 7.71	− 7 49.9	1.399	2.392	4.3	18.9
10 8	23 58.82	− 8 47.3	1.419	2.381	8.3	19.1
10 18	23 51.32	− 9 25.6	1.463	2.371	12.7	19.4
10 28	23 46.10	− 9 41.5	1.529	2.360	16.5	19.6

393109 2013 BW_1 9 25.6 124.°43 0.°9/27.4 18

8 19	0 26.03	+ 7 11.8	4.606	5.393	7.3	21.4
8 29	0 22.64	+ 7 4.3	4.517	5.397	5.8	21.3
9 8	0 18.46	+ 6 50.5	4.453	5.401	4.0	21.2
9 18	0 13.72	+ 6 31.4	4.416	5.404	2.1	21.0
9 28	0 8.73	+ 6 8.7	4.409	5.408	0.9	20.9
10 8	0 3.84	+ 5 44.2	4.432	5.411	2.3	21.1
10 18	23 59.36	+ 5 20.2	4.485	5.415	4.2	21.2
10 28	23 55.61	+ 4 58.5	4.567	5.418	5.9	21.3

303115 2004 CB_2 9 25.6 228.°42 3.°3/29.3 18

8 19	0 33.94	+13 26.6	2.325	3.099	13.9	20.9
8 29	0 29.70	+13 26.3	2.226	3.091	11.4	20.7
9 8	0 23.61	+13 9.7	2.149	3.081	8.5	20.5
9 18	0 16.14	+12 37.0	2.096	3.072	5.4	20.3
9 28	0 7.95	+11 50.6	2.070	3.062	3.3	20.1
10 8	23 59.88	+10 54.8	2.074	3.051	4.7	20.2
10 18	23 52.74	+ 9 55.4	2.105	3.040	7.8	20.4
10 28	23 47.20	+ 8 58.4	2.163	3.029	10.9	20.6

73482 2002 PP_{71} 9 25.6 104.°35 3.°5/30.4 18

8 19	0 30.83	+16 18.1	2.559	3.317	13.2	20.1
8 29	0 27.00	+16 5.6	2.477	3.328	10.9	20.0
9 8	0 21.64	+15 36.2	2.417	3.339	8.2	19.8
9 18	0 15.19	+14 50.8	2.381	3.349	5.5	19.7
9 28	0 8.27	+13 52.0	2.373	3.359	3.6	19.6
10 8	0 1.58	+12 44.4	2.394	3.370	4.3	19.6
10 18	23 55.77	+11 33.6	2.444	3.380	6.8	19.8
10 28	23 51.37	+10 25.4	2.520	3.390	9.4	20.0

454856 2015 SY_9 9 25.6 59.°13 17.°5/ 6.8 16

8 19	0 33.13	−26 38.6	0.970	1.864	20.3	20.2
8 29	0 31.20	−30 45.7	0.952	1.869	18.2	20.1
9 8	0 25.57	−34 30.4	0.954	1.875	17.5	20.1
9 18	0 17.17	−37 29.3	0.976	1.881	18.5	20.2
9 28	0 7.67	−39 26.2	1.016	1.887	20.6	20.3
10 8	23 59.03	−40 17.1	1.072	1.893	23.1	20.5
10 18	23 52.83	−40 7.5	1.142	1.900	25.4	20.7
10 28	23 50.04	−39 7.8	1.221	1.906	27.3	21.0

369248 2009 DA_4 9 25.6 176.°35 3.°8/22.2 17

8 19	0 36.83	− 4 9.2	1.553	2.409	16.1	20.8
8 29	0 32.55	− 5 19.4	1.485	2.411	12.3	20.6
9 8	0 25.76	− 6 40.1	1.439	2.412	8.1	20.4
9 18	0 17.12	− 8 3.7	1.418	2.413	4.4	20.2
9 28	0 7.67	− 9 20.5	1.423	2.413	4.8	20.2
10 8	23 58.61	−10 21.7	1.455	2.413	8.7	20.4
10 18	23 51.05	−11 1.5	1.511	2.412	12.8	20.7
10 28	23 45.82	−11 17.4	1.589	2.411	16.4	20.9

102723 1999 VM_{99} 9 25.6 34.°50 2.°9/23.6 18

	h m	° ′			°	m
8 19	0 35.53	− 2 32.2	1.128	2.003	19.5	19.4
8 29	0 32.10	− 3 7.0	1.079	2.014	14.9	19.1
9 8	0 25.68	− 3 53.7	1.050	2.027	9.7	18.9
9 18	0 17.09	− 4 45.0	1.041	2.040	4.5	18.6
9 28	0 7.71	− 5 31.3	1.057	2.054	3.9	18.6
10 8	23 59.05	− 6 4.1	1.096	2.068	8.7	19.0
10 18	23 52.37	− 6 17.9	1.158	2.084	13.6	19.3
10 28	23 48.51	− 6 10.4	1.240	2.100	17.7	19.6

53404 1999 KX 9 25.6 102.°24 4.°8/21.3 18

8 19	0 38.95	− 9 45.6	1.804	2.656	14.4	18.4
8 29	0 33.60	−10 39.8	1.753	2.674	11.0	18.2
9 8	0 26.11	−11 36.1	1.725	2.692	7.5	18.1
9 18	0 17.15	−12 27.7	1.722	2.709	5.0	18.0
9 28	0 7.70	−13 7.4	1.747	2.726	5.6	18.0
10 8	23 58.79	−13 30.3	1.799	2.743	8.5	18.2
10 18	23 51.33	−13 34.0	1.877	2.759	11.7	18.5
10 28	23 45.96	−13 18.4	1.976	2.775	14.5	18.7

20218 Dukewriter 9 25.6 127.°64 0.°4/25.2 18

8 19	0 32.67	+ 2 13.9	2.447	3.268	12.0	19.5
8 29	0 28.39	+ 1 43.6	2.372	3.277	9.2	19.4
9 8	0 22.54	+ 1 3.8	2.321	3.286	6.1	19.2
9 18	0 15.59	+ 0 17.6	2.297	3.294	2.6	19.0
9 28	0 8.17	− 0 30.5	2.301	3.302	1.1	18.9
10 8	0 1.01	− 1 16.0	2.335	3.310	4.5	19.1
10 18	23 54.76	− 1 54.5	2.397	3.318	7.8	19.4
10 28	23 49.97	− 2 22.7	2.485	3.325	10.6	19.6

335462 2005 VC_{87} 9 25.6 47.°83 0.°9/24.9 16

8 19	0 35.05	+ 2 15.1	1.278	2.135	18.8	20.9
8 29	0 31.35	+ 1 39.5	1.230	2.153	14.4	20.7
9 8	0 24.98	+ 0 47.8	1.201	2.173	9.4	20.5
9 18	0 16.74	− 0 14.0	1.194	2.193	4.0	20.3
9 28	0 7.84	− 1 17.4	1.213	2.213	1.9	20.2
10 8	23 59.61	− 2 13.2	1.257	2.234	7.1	20.6
10 18	23 53.16	− 2 54.5	1.324	2.255	11.8	20.9
10 28	23 49.25	− 3 17.1	1.414	2.277	15.8	21.2

389950 2012 TH_{168} 9 25.6 205.°35 1.°6/23.8 18

8 19	0 33.17	+ 0 11.6	2.074	2.910	13.3	21.6
8 29	0 29.17	− 0 46.4	1.992	2.906	10.2	21.4
9 8	0 23.28	− 1 55.9	1.933	2.902	6.6	21.1
9 18	0 15.99	− 3 12.2	1.900	2.898	2.9	20.9
9 28	0 8.05	− 4 28.6	1.896	2.893	2.4	20.9
10 8	0 0.32	− 5 38.2	1.920	2.888	6.1	21.1
10 18	23 53.64	− 6 35.1	1.972	2.882	9.7	21.3
10 28	23 48.68	− 7 15.3	2.048	2.876	13.0	21.5

435744 2008 UB_{144} 9 25.6 356.°52 3.°9/22.9 18

8 19	0 32.93	− 5 28.2	1.230	2.108	17.9	19.5
8 29	0 30.12	− 5 57.2	1.167	2.104	13.8	19.2
9 8	0 24.46	− 6 34.4	1.123	2.100	9.1	19.0
9 18	0 16.64	− 7 12.9	1.101	2.098	4.8	18.7
9 28	0 7.84	− 7 44.0	1.103	2.097	4.8	18.7
10 8	23 59.51	− 8 0.3	1.128	2.097	9.2	19.0
10 18	23 52.91	− 7 56.9	1.176	2.098	13.8	19.3
10 28	23 48.99	− 7 32.4	1.244	2.101	17.9	19.5

81106 2000 EW_{115} 9 25.6 315.°46 1.°2/24.5 18

8 19	0 30.67	+ 3 4.6	1.397	2.253	17.5	19.1
8 29	0 28.18	+ 2 7.7	1.319	2.243	13.6	18.8
9 8	0 23.13	+ 0 50.8	1.261	2.234	9.0	18.6
9 18	0 16.07	− 0 40.5	1.226	2.224	3.8	18.2
9 28	0 8.01	− 2 16.7	1.216	2.216	2.3	18.1
10 8	0 0.22	− 3 46.7	1.231	2.207	7.5	18.4
10 18	23 53.86	− 5 0.6	1.271	2.199	12.5	18.7
10 28	23 49.89	− 5 51.7	1.332	2.191	16.8	18.9

315322 2007 TB_{347} 9 25.6 13.°41 4.°7/22.1 17

8 19	0 27.92	− 2 50.0	0.916	1.816	20.7	19.4
8 29	0 26.84	− 4 7.8	0.870	1.819	15.8	19.2
9 8	0 22.54	− 5 42.1	0.841	1.824	10.3	18.9
9 18	0 15.82	− 7 21.2	0.832	1.830	5.4	18.7
9 28	0 8.13	− 8 50.1	0.845	1.838	6.0	18.7
10 8	0 1.10	− 9 55.6	0.879	1.847	11.0	19.0
10 18	23 56.12	−10 30.1	0.933	1.858	16.1	19.4
10 28	23 54.11	−10 31.8	1.004	1.870	20.5	19.7

430696 2004 BS_5 9 25.6 251.°12 1.°4/24.3 17

8 19	0 35.83	+ 0 47.4	1.708	2.548	15.5	22.2
8 29	0 31.79	+ 0 5.1	1.618	2.534	12.1	22.0
9 8	0 25.35	− 0 51.4	1.549	2.519	7.9	21.7
9 18	0 17.02	− 1 57.3	1.505	2.503	3.4	21.4
9 28	0 7.71	− 3 5.7	1.488	2.487	2.3	21.3
10 8	23 58.55	− 4 8.5	1.499	2.471	6.9	21.6
10 18	23 50.64	− 4 58.4	1.535	2.454	11.4	21.8
10 28	23 44.89	− 5 30.5	1.595	2.437	15.4	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
404085	2012 ET_4		9 25.6	308.°60	1.°1/24.4	17
	h m	° ′			°	m
8 19	0 29.20	+ 1 53.8	2.020	2.860	13.5	20.7
8 29	0 26.25	+ 1 2.0	1.930	2.846	10.4	20.5
9 8	0 21.44	− 0 3.3	1.862	2.832	6.8	20.2
9 18	0 15.22	− 1 17.8	1.820	2.818	2.9	20.0
9 28	0 8.29	− 2 35.1	1.805	2.805	1.9	19.9
10 8	0 1.52	− 3 48.0	1.819	2.792	5.8	20.1
10 18	23 55.71	− 4 50.1	1.859	2.778	9.7	20.3
10 28	23 51.57	− 5 36.3	1.923	2.766	13.1	20.5
223548	2004 EM_{71}		9 25.6	185.°68	0.°2/25.8	18
8 19	0 36.36	+ 4 35.1	1.840	2.663	15.3	21.4
8 29	0 31.87	+ 4 5.4	1.760	2.663	11.9	21.2
9 8	0 25.19	+ 3 20.9	1.700	2.663	8.0	20.9
9 18	0 16.87	+ 2 24.8	1.666	2.662	3.6	20.7
9 28	0 7.79	+ 1 22.9	1.660	2.661	1.0	20.5
10 8	23 58.99	+ 0 22.1	1.681	2.659	5.6	20.8
10 18	23 51.43	− 0 31.0	1.730	2.657	9.8	21.1
10 28	23 45.88	− 1 11.0	1.803	2.654	13.5	21.3
406975	2009 QE_{56}		9 25.6	58.°83	0.°5/26.2	18
8 19	0 30.93	+ 5 42.6	2.124	2.944	13.6	21.3
8 29	0 27.32	+ 5 10.7	2.051	2.953	10.6	21.1
9 8	0 21.97	+ 4 25.2	2.001	2.962	7.1	20.9
9 18	0 15.39	+ 3 29.5	1.976	2.971	3.3	20.7
9 28	0 8.28	+ 2 28.4	1.979	2.981	0.9	20.5
10 8	0 1.45	+ 1 27.9	2.011	2.990	4.6	20.8
10 18	23 55.64	+ 0 33.6	2.070	2.999	8.2	21.0
10 28	23 51.45	− 0 9.9	2.154	3.009	11.4	21.3
264407	2000 GG_{25}		9 25.6	141.°59	0.°8/24.9	16
8 19	0 39.28	+ 0 36.2	1.836	2.666	15.1	21.2
8 29	0 34.00	+ 0 17.4	1.766	2.675	11.6	21.0
9 8	0 26.50	− 0 11.9	1.717	2.683	7.6	20.8
9 18	0 17.41	− 0 47.9	1.693	2.691	3.3	20.5
9 28	0 7.65	− 1 25.2	1.698	2.698	1.6	20.4
10 8	23 58.28	− 1 58.2	1.731	2.705	5.9	20.7
10 18	23 50.25	− 2 22.1	1.790	2.711	9.9	21.0
10 28	23 44.31	− 2 33.5	1.874	2.717	13.4	21.2
321009	2008 KX_{29}		9 25.6	63.°90	4.°2/20.4	18
8 19	0 30.35	− 7 15.4	2.058	2.916	12.6	20.1
8 29	0 26.87	− 8 44.2	2.004	2.930	9.5	20.0
9 8	0 21.65	−10 18.1	1.975	2.945	6.4	19.8
9 18	0 15.22	−11 49.7	1.972	2.960	4.3	19.7
9 28	0 8.34	−13 11.3	1.997	2.975	5.1	19.8
10 8	0 1.80	−14 16.8	2.050	2.990	7.8	20.0
10 18	23 56.33	−15 2.3	2.128	3.005	10.7	20.2
10 28	23 52.50	−15 26.2	2.229	3.020	13.3	20.4
43242	2000 AK_{244}		9 25.6	340.°29	7.°4/	4.6 18
8 19	0 29.17	+26 8.4	1.743	2.475	19.4	18.5
8 29	0 26.74	+25 56.3	1.654	2.471	16.9	18.3
9 8	0 22.01	+25 11.9	1.580	2.468	13.9	18.0
9 18	0 15.54	+23 53.1	1.527	2.465	10.7	17.9
9 28	0 8.22	+22 1.6	1.497	2.462	8.1	17.7
10 8	0 1.17	+19 45.0	1.493	2.459	7.6	17.7
10 18	23 55.41	+17 14.8	1.516	2.457	9.7	17.8
10 28	23 51.76	+14 44.4	1.565	2.456	12.9	18.0
152128	2004 TF_{58}		9 25.6	341.°50	0.°2/25.9	18
8 19	0 31.77	+ 4 7.1	2.134	2.959	13.4	20.4
8 29	0 28.05	+ 3 45.5	2.052	2.957	10.5	20.2
9 8	0 22.52	+ 3 11.8	1.993	2.956	7.0	20.0
9 18	0 15.67	+ 2 28.9	1.958	2.954	3.2	19.7
9 28	0 8.21	+ 1 41.2	1.952	2.953	0.9	19.5
10 8	0 0.97	+ 0 54.1	1.973	2.952	4.8	19.8
10 18	23 54.72	+ 0 12.7	2.022	2.951	8.5	20.1
10 28	23 50.11	− 0 18.6	2.096	2.950	11.7	20.3
128178	2003 RE_{12}		9 25.6	358.°28	3.°0/22.7	18
8 19	0 34.47	− 6 41.6	2.077	2.925	12.9	19.3
8 29	0 30.11	− 7 7.5	2.004	2.925	9.8	19.1
9 8	0 23.86	− 7 37.4	1.954	2.924	6.5	18.9
9 18	0 16.24	− 8 6.8	1.930	2.924	3.6	18.7
9 28	0 8.04	− 8 30.5	1.933	2.923	3.7	18.7
10 8	0 0.12	− 8 44.2	1.965	2.924	6.7	18.9
10 18	23 53.31	− 8 44.9	2.022	2.924	10.0	19.1
10 28	23 48.25	− 8 31.1	2.104	2.925	13.0	19.3
162851	2001 DF_{39}		9 25.6	271.°75	2.°1/30.0	18
8 19	0 25.87	+14 2.3	4.492	5.243	8.0	19.8
8 29	0 22.62	+14 1.2	4.392	5.240	6.6	19.7
9 8	0 18.51	+13 51.3	4.316	5.237	4.9	19.6
9 18	0 13.80	+13 33.4	4.266	5.234	3.3	19.5
9 28	0 8.80	+13 8.6	4.245	5.231	2.2	19.4
10 8	0 3.88	+12 38.8	4.254	5.228	2.7	19.4
10 18	23 59.38	+12 6.4	4.292	5.225	4.2	19.5
10 28	23 55.63	+11 33.9	4.359	5.222	5.9	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
11039	Raynal		9 25.6	13.°13	0.°4/26.0	18
	h m	° ′			°	m
8 19	0 32.97	+ 4 17.5	1.871	2.700	14.8	17.9
8 29	0 29.20	+ 4 2.0	1.794	2.701	11.6	17.7
9 8	0 23.40	+ 3 33.1	1.739	2.702	7.8	17.5
9 18	0 16.09	+ 2 53.9	1.708	2.704	3.6	17.3
9 28	0 8.09	+ 2 9.0	1.704	2.706	1.0	17.1
10 8	0 0.38	+ 1 24.4	1.728	2.708	5.2	17.4
10 18	23 53.83	+ 0 45.8	1.779	2.710	9.3	17.6
10 28	23 49.17	+ 0 17.9	1.853	2.713	12.8	17.9
15603	2000 GG_{108}		9 25.6	70.°06	3.°6/22.0	18
8 19	0 33.48	− 5 57.5	1.862	2.717	13.8	18.6
8 29	0 29.50	− 6 54.1	1.799	2.724	10.5	18.4
9 8	0 23.51	− 7 56.9	1.760	2.731	7.0	18.2
9 18	0 16.10	− 8 59.5	1.745	2.739	4.0	18.1
9 28	0 8.10	− 9 54.9	1.758	2.746	4.4	18.1
10 8	0 0.48	−10 36.9	1.799	2.753	7.6	18.3
10 18	23 54.08	−11 1.6	1.864	2.761	11.0	18.5
10 28	23 49.57	−11 7.2	1.952	2.768	14.0	18.8
178081	2006 SM_{157}		9 25.6	182.°83	0.°5/26.1	17
8 19	0 37.89	+ 4 40.7	1.671	2.497	16.5	21.1
8 29	0 33.29	+ 4 24.8	1.593	2.498	12.9	20.9
9 8	0 26.26	+ 3 53.5	1.535	2.498	8.7	20.6
9 18	0 17.40	+ 3 9.9	1.502	2.498	4.0	20.3
9 28	0 7.69	+ 2 19.4	1.496	2.497	1.1	20.1
10 8	23 58.29	+ 1 28.8	1.517	2.496	5.9	20.5
10 18	23 50.28	+ 0 44.9	1.564	2.495	10.4	20.7
10 28	23 44.51	+ 0 13.3	1.635	2.493	14.3	21.0
99515	2002 EE_{30}		9 25.6	108.°77	1.°4/24.6	17
8 19	0 41.15	− 0 24.4	1.526	2.367	17.0	19.5
8 29	0 35.76	− 0 47.0	1.466	2.382	13.1	19.3
9 8	0 27.79	− 1 20.8	1.427	2.397	8.5	19.1
9 18	0 18.01	− 2 0.9	1.413	2.411	3.7	18.8
9 28	0 7.53	− 2 40.7	1.425	2.425	2.2	18.7
10 8	23 57.63	− 3 13.4	1.465	2.438	6.9	19.1
10 18	23 49.40	− 3 34.1	1.530	2.451	11.3	19.4
10 28	23 43.64	− 3 39.5	1.618	2.463	15.0	19.6
219290	2000 CA_{137}		9 25.6	219.°17	2.°1/23.6	18
8 19	0 35.98	− 1 3.3	1.850	2.690	14.5	21.4
8 29	0 31.63	− 1 54.3	1.766	2.683	11.2	21.2
9 8	0 25.09	− 2 56.8	1.705	2.675	7.3	20.9
9 18	0 16.89	− 4 5.8	1.669	2.667	3.3	20.7
9 28	0 7.87	− 5 14.0	1.661	2.658	2.9	20.6
10 8	23 59.07	− 6 14.1	1.681	2.648	6.9	20.9
10 18	23 51.47	− 6 59.9	1.728	2.638	10.9	21.1
10 28	23 45.87	− 7 27.7	1.798	2.628	14.4	21.3
205101	1999 TE_{218}		9 25.6	6.°90	3.°2/28.8	18
8 19	0 28.60	+12 56.5	1.426	2.248	19.0	19.5
8 29	0 26.50	+12 32.8	1.353	2.249	15.4	19.3
9 8	0 21.95	+11 42.6	1.299	2.250	11.1	19.0
9 18	0 15.55	+10 27.7	1.266	2.252	6.6	18.8
9 28	0 8.29	+ 8 54.3	1.257	2.255	3.3	18.6
10 8	0 1.37	+ 7 12.4	1.274	2.258	5.9	18.8
10 18	23 55.89	+ 5 33.4	1.316	2.263	10.4	19.0
10 28	23 52.68	+ 4 7.2	1.381	2.268	14.6	19.3
480171	2015 FJ_{304}		9 25.6	123.°28	1.°1/24.3	18
8 19	0 33.99	+ 2 39.8	2.017	2.845	14.0	21.6
8 29	0 29.70	+ 1 29.3	1.951	2.861	10.7	21.4
9 8	0 23.56	+ 0 5.7	1.908	2.875	6.9	21.2
9 18	0 16.11	− 1 25.8	1.892	2.890	2.9	21.0
9 28	0 8.14	− 2 57.7	1.905	2.904	1.9	20.9
10 8	0 0.54	− 4 22.5	1.947	2.917	5.7	21.2
10 18	23 54.08	− 5 33.9	2.016	2.930	9.4	21.5
10 28	23 49.38	− 6 27.7	2.110	2.942	12.5	21.7
140695	2001 UD_{71}		9 25.6	55.°30	0.°3/25.9	18
8 19	0 32.66	+ 4 39.7	1.929	2.755	14.5	20.7
8 29	0 28.87	+ 4 14.4	1.855	2.761	11.3	20.5
9 8	0 23.13	+ 3 35.6	1.803	2.766	7.6	20.3
9 18	0 15.97	+ 2 46.3	1.776	2.772	3.5	20.1
9 28	0 8.18	+ 1 51.8	1.776	2.777	0.9	19.9
10 8	0 0.70	+ 0 58.2	1.804	2.783	5.1	20.2
10 18	23 54.36	+ 0 11.3	1.859	2.789	9.0	20.5
10 28	23 49.82	− 0 24.1	1.939	2.795	12.4	20.7
305458	2008 DA_{11}		9 25.6	69.°68	1.°7/23.8	18
8 19	0 32.95	− 1 12.3	1.980	2.823	13.6	21.2
8 29	0 29.03	− 1 52.7	1.909	2.826	10.4	21.0
9 8	0 23.20	− 2 42.4	1.859	2.830	6.8	20.8
9 18	0 15.99	− 3 36.9	1.836	2.833	3.0	20.6
9 28	0 8.18	− 4 30.2	1.840	2.837	2.5	20.6
10 8	0 0.67	− 5 16.3	1.872	2.840	6.1	20.8
10 18	23 54.27	− 5 50.4	1.930	2.844	9.7	21.0
10 28	23 49.65	− 6 9.4	2.012	2.848	12.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
289536	2005 EW_{208}		9 25.6	96.°85	0.°7/26.4	18
	h m	° ′			°	m
8 19	0 34.70	+ 5 53.9	1.952	2.770	14.7	21.6
8 29	0 30.35	+ 5 30.5	1.884	2.783	11.5	21.4
9 8	0 24.04	+ 4 52.8	1.837	2.797	7.8	21.2
9 18	0 16.34	+ 4 4.1	1.816	2.810	3.7	21.0
9 28	0 8.08	+ 3 9.2	1.822	2.823	1.0	20.8
10 8	0 0.18	+ 2 14.3	1.857	2.836	4.9	21.1
10 18	23 53.48	+ 1 25.2	1.919	2.849	8.8	21.4
10 28	23 48.61	+ 0 46.8	2.005	2.861	12.1	21.6
505674	2014 UK_{137}		9 25.6	291.°32	1.°4/26.8	17
8 19	0 34.06	+ 7 26.9	1.286	2.129	19.5	20.8
8 29	0 31.14	+ 7 7.7	1.207	2.119	15.6	20.5
9 8	0 25.31	+ 6 25.4	1.146	2.110	10.8	20.2
9 18	0 17.15	+ 5 22.4	1.106	2.101	5.4	19.9
9 28	0 7.79	+ 4 5.4	1.090	2.091	1.6	19.6
10 8	23 58.68	+ 2 44.7	1.100	2.082	6.8	19.9
10 18	23 51.19	+ 1 31.2	1.133	2.074	12.3	20.2
10 28	23 46.41	+ 0 34.0	1.187	2.065	17.1	20.5
298656	2004 CW_{10}		9 25.6	286.°77	2.°7/28.3	18
8 19	0 34.37	+10 12.4	1.938	2.740	15.4	20.6
8 29	0 30.34	+10 18.0	1.852	2.736	12.4	20.4
9 8	0 24.21	+10 7.2	1.787	2.733	8.9	20.1
9 18	0 16.50	+ 9 40.9	1.745	2.730	5.2	19.9
9 28	0 8.02	+ 9 2.0	1.731	2.727	2.7	19.8
10 8	23 59.74	+ 8 15.7	1.743	2.724	5.0	19.9
10 18	23 52.59	+ 7 28.2	1.783	2.721	8.8	20.1
10 28	23 47.33	+ 6 45.6	1.848	2.718	12.3	20.3
227222	2005 RL_{10}		9 25.6	32.°49	1.°0/24.9	16
8 19	0 35.06	+ 1 0.1	1.039	1.913	20.9	19.6
8 29	0 31.84	+ 0 43.1	0.999	1.932	16.0	19.4
9 8	0 25.53	+ 0 10.1	0.976	1.952	10.4	19.2
9 18	0 17.07	− 0 33.0	0.974	1.974	4.4	18.9
9 28	0 7.90	− 1 17.2	0.995	1.996	2.1	18.8
10 8	23 59.57	− 1 53.5	1.040	2.020	7.8	19.3
10 18	23 53.35	− 2 15.4	1.107	2.044	12.9	19.6
10 28	23 50.01	− 2 19.0	1.194	2.070	17.2	20.0
314559	2005 YM_{163}		9 25.6	205.°73	6.°0/16.2	18
8 19	0 32.41	−19 58.8	2.943	3.787	9.6	21.5
8 29	0 28.09	−21 17.2	2.878	3.782	7.8	21.3
9 8	0 22.34	−22 32.2	2.838	3.776	6.4	21.2
9 18	0 15.56	−23 38.5	2.825	3.769	6.0	21.2
9 28	0 8.32	−24 30.8	2.840	3.763	6.9	21.3
10 8	0 1.26	−25 5.5	2.882	3.755	8.5	21.4
10 18	23 54.98	−25 20.8	2.949	3.748	10.3	21.5
10 28	23 50.01	−25 16.7	3.037	3.739	12.0	21.6
298624	2004 BH_{10}		9 25.6	128.°67	2.°6/28.5	18
8 19	0 37.33	+10 51.2	2.422	3.200	13.4	20.9
8 29	0 32.03	+10 59.5	2.345	3.214	10.8	20.8
9 8	0 25.01	+10 54.2	2.289	3.227	7.8	20.6
9 18	0 16.75	+10 36.3	2.260	3.240	4.6	20.4
9 28	0 7.97	+10 7.9	2.259	3.253	2.6	20.3
10 8	23 59.46	+ 9 33.1	2.287	3.265	4.3	20.4
10 18	23 51.97	+ 8 56.3	2.345	3.277	7.3	20.7
10 28	23 46.08	+ 8 22.3	2.429	3.288	10.1	20.9
424487	2008 DN_{19}		9 25.6	173.°13	1.°8/27.2	17
8 19	0 39.22	+ 7 31.3	1.880	2.685	15.7	21.2
8 29	0 34.07	+ 7 29.1	1.799	2.688	12.5	21.0
9 8	0 26.67	+ 7 11.8	1.738	2.691	8.7	20.7
9 18	0 17.58	+ 6 40.9	1.702	2.693	4.5	20.5
9 28	0 7.70	+ 6 0.2	1.694	2.694	1.8	20.3
10 8	23 58.11	+ 5 15.3	1.715	2.695	5.2	20.6
10 18	23 49.80	+ 4 32.3	1.762	2.695	9.3	20.8
10 28	23 43.55	+ 3 57.0	1.835	2.694	12.9	21.0
485779	2012 CN_{45}		9 25.7	82.°74	2.°2/28.0	18
8 19	0 34.60	+ 9 8.0	2.342	3.135	13.3	21.0
8 29	0 30.01	+ 9 15.9	2.265	3.145	10.6	20.8
9 8	0 23.72	+ 9 11.0	2.210	3.156	7.5	20.7
9 18	0 16.21	+ 8 54.5	2.180	3.166	4.3	20.5
9 28	0 8.16	+ 8 28.7	2.179	3.176	2.2	20.4
10 8	0 0.36	+ 7 57.8	2.207	3.186	4.3	20.5
10 18	23 53.56	+ 7 26.0	2.262	3.196	7.4	20.7
10 28	23 48.33	+ 6 57.9	2.344	3.206	10.3	20.9
381104	2007 CU_{56}		9 25.7	266.°04	3.°0/28.1	18
8 19	0 37.01	+10 3.1	1.758	2.562	16.7	21.8
8 29	0 32.83	+10 12.5	1.657	2.543	13.6	21.5
9 8	0 26.18	+10 4.3	1.576	2.524	9.8	21.2
9 18	0 17.51	+ 9 38.4	1.518	2.504	5.7	21.0
9 28	0 7.71	+ 8 57.6	1.487	2.484	3.0	20.7
10 8	23 57.93	+ 8 7.2	1.483	2.464	5.7	20.9
10 18	23 49.34	+ 7 14.4	1.506	2.443	10.1	21.1
10 28	23 42.92	+ 6 26.7	1.552	2.422	14.2	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
398739	2012 YM_4		9 25.7	105.°84	2.°5/23.1	18
	h m	° ′			°	m
8 19	0 33.82	− 3 16.3	1.939	2.786	13.7	21.4
8 29	0 29.74	− 4 3.1	1.870	2.790	10.4	21.2
9 8	0 23.69	− 4 57.9	1.823	2.794	6.8	20.9
9 18	0 16.23	− 5 55.6	1.802	2.798	3.3	20.7
9 28	0 8.16	− 6 49.6	1.809	2.802	3.3	20.7
10 8	0 0.41	− 7 33.8	1.843	2.806	6.7	21.0
10 18	23 53.82	− 8 3.8	1.904	2.810	10.3	21.2
10 28	23 49.07	− 8 17.0	1.988	2.814	13.4	21.4
442688	2012 UF_{48}		9 25.7	328.°60	0.°1/25.6	18
8 19	0 30.24	+ 4 21.8	1.445	2.296	17.3	21.0
8 29	0 27.82	+ 3 47.9	1.364	2.284	13.6	20.8
9 8	0 22.91	+ 2 55.1	1.303	2.272	9.1	20.5
9 18	0 16.05	+ 1 47.3	1.264	2.262	4.0	20.1
9 28	0 8.19	+ 0 31.9	1.250	2.252	1.3	19.9
10 8	0 0.56	− 0 41.7	1.262	2.242	6.6	20.3
10 18	23 54.31	− 1 44.6	1.298	2.233	11.6	20.5
10 28	23 50.36	− 2 29.6	1.356	2.225	15.9	20.8
10211	La Spezia		9 25.7	68.°88	0.°3/25.4	18
8 19	0 35.82	+ 3 54.8	1.458	2.300	17.7	17.9
8 29	0 31.72	+ 3 15.4	1.404	2.319	13.6	17.6
9 8	0 25.16	+ 2 19.4	1.371	2.339	9.0	17.4
9 18	0 16.88	+ 1 12.1	1.361	2.358	3.9	17.2
9 28	0 7.98	+ 0 1.4	1.377	2.378	1.4	17.1
10 8	23 59.67	− 1 4.0	1.420	2.398	6.4	17.4
10 18	23 52.95	− 1 56.9	1.488	2.417	10.9	17.8
10 28	23 48.58	− 2 32.5	1.578	2.437	14.7	18.0
298152	2002 SG_{74}		9 25.7	215.°28	1.°5/24.3	18
8 19	0 37.11	− 2 2.4	2.008	2.843	13.7	21.1
8 29	0 32.27	− 2 18.5	1.928	2.841	10.6	20.9
9 8	0 25.39	− 2 42.1	1.870	2.839	6.9	20.6
9 18	0 17.00	− 3 9.6	1.839	2.836	3.1	20.4
9 28	0 7.92	− 3 36.2	1.835	2.834	2.2	20.3
10 8	23 59.11	− 3 57.1	1.860	2.831	5.9	20.6
10 18	23 51.45	− 4 8.3	1.912	2.828	9.7	20.8
10 28	23 45.66	− 4 7.1	1.989	2.825	13.0	21.0
294432	2007 VD_{253}		9 25.7	300.°94	2.°6/28.6	18
8 19	0 29.91	+12 57.7	1.851	2.652	16.1	20.5
8 29	0 27.03	+12 19.7	1.761	2.645	13.0	20.3
9 8	0 22.10	+11 18.9	1.692	2.638	9.4	20.1
9 18	0 15.61	+ 9 57.2	1.646	2.631	5.5	19.8
9 28	0 8.35	+ 8 19.8	1.627	2.625	2.6	19.6
10 8	0 1.30	+ 6 35.0	1.636	2.618	5.0	19.8
10 18	23 55.36	+ 4 52.1	1.672	2.612	9.1	20.0
10 28	23 51.28	+ 3 19.8	1.733	2.606	12.8	20.2
406307	2007 HA_{43}		9 25.7	209.°55	2.°4/22.7	18
8 19	0 32.61	− 4 55.0	2.549	3.387	11.1	21.3
8 29	0 28.39	− 5 35.1	2.468	3.384	8.4	21.1
9 8	0 22.62	− 6 20.3	2.411	3.380	5.5	20.9
9 18	0 15.73	− 7 6.7	2.382	3.377	2.9	20.7
9 28	0 8.34	− 7 49.6	2.382	3.373	3.0	20.7
10 8	0 1.13	− 8 24.6	2.410	3.368	5.7	20.9
10 18	23 54.78	− 8 48.2	2.466	3.364	8.6	21.1
10 28	23 49.83	− 8 58.3	2.547	3.359	11.2	21.3
90215	2003 AC_{82}		9 25.7	90.°41	13.°5/ 2.4	17
8 19	0 52.72	+21 58.0	1.135	1.897	26.2	18.9
8 29	0 46.66	+24 35.9	1.072	1.906	23.0	18.6
9 8	0 36.30	+26 48.6	1.025	1.915	19.4	18.4
9 18	0 22.29	+28 24.3	0.996	1.924	16.0	18.3
9 28	0 6.27	+29 13.7	0.988	1.933	13.8	18.2
10 8	23 50.59	+29 16.3	1.002	1.942	13.9	18.2
10 18	23 37.49	+28 41.1	1.038	1.951	16.1	18.4
10 28	23 28.57	+27 43.6	1.093	1.959	19.1	18.6
453205	2008 GW_{80}		9 25.7	73.°67	4.°2/21.6	18
8 19	0 35.96	−10 0.5	2.070	2.920	12.8	21.5
8 29	0 31.20	−10 38.5	2.009	2.929	9.8	21.3
9 8	0 24.55	−11 18.1	1.970	2.937	6.8	21.1
9 18	0 16.58	−11 53.9	1.958	2.945	4.4	21.0
9 28	0 8.10	−12 20.3	1.973	2.954	4.9	21.0
10 8	0 0.00	−12 33.1	2.016	2.962	7.5	21.2
10 18	23 53.08	−12 29.9	2.085	2.970	10.5	21.4
10 28	23 47.96	−12 10.3	2.177	2.979	13.2	21.6
225367	1999 CQ_{132}		9 25.7	215.°67	0.°9/24.7	18
8 19	0 35.61	+ 1 34.2	1.926	2.758	14.4	21.7
8 29	0 31.27	+ 0 55.6	1.841	2.752	11.1	21.5
9 8	0 24.84	+ 0 4.5	1.778	2.745	7.3	21.3
9 18	0 16.81	− 0 55.2	1.741	2.738	3.1	21.0
9 28	0 8.01	− 1 57.3	1.731	2.731	1.7	20.9
10 8	23 59.42	− 2 55.1	1.750	2.723	5.9	21.2
10 18	23 51.98	− 3 42.5	1.796	2.715	10.0	21.4
10 28	23 46.44	− 4 15.1	1.866	2.706	13.5	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
446558	2014 OJ_{40}		9 25.7	75.°66	4.°5/20.3	18
	h m	° ′			°	m
8 19	0 31.89	−10 0.4	2.175	3.031	12.1	20.9
8 29	0 28.01	−11 9.9	2.118	3.042	9.2	20.8
9 8	0 22.42	−12 21.7	2.085	3.052	6.4	20.6
9 18	0 15.64	−13 29.6	2.079	3.063	4.6	20.5
9 28	0 8.39	−14 27.1	2.100	3.074	5.4	20.6
10 8	0 1.48	−15 9.0	2.149	3.084	7.8	20.8
10 18	23 55.60	−15 32.5	2.223	3.095	10.5	21.0
10 28	23 51.34	−15 36.7	2.320	3.105	13.0	21.1
396088	2013 CD_{110}		9 25.7	327.°89	3.°7/22.2	18
8 19	0 32.62	− 5 44.0	1.720	2.580	14.5	20.9
8 29	0 29.18	− 6 35.1	1.646	2.573	11.1	20.6
9 8	0 23.54	− 7 33.6	1.593	2.566	7.4	20.4
9 18	0 16.25	− 8 33.4	1.566	2.560	4.2	20.2
9 28	0 8.19	− 9 26.7	1.565	2.554	4.6	20.2
10 8	0 0.41	−10 6.7	1.590	2.548	8.1	20.4
10 18	23 53.88	−10 28.7	1.640	2.543	11.8	20.6
10 28	23 49.36	−10 30.2	1.711	2.538	15.2	20.8
402014	2003 RA_{27}		9 25.7	30.°74	2.°9/28.7	18
8 19	0 33.67	+10 48.9	2.166	2.958	14.3	20.4
8 29	0 29.53	+11 2.5	2.084	2.962	11.5	20.3
9 8	0 23.54	+11 1.5	2.024	2.966	8.4	20.1
9 18	0 16.19	+10 46.5	1.989	2.970	5.1	19.9
9 28	0 8.22	+10 19.8	1.980	2.975	2.9	19.8
10 8	0 0.46	+ 9 45.6	2.000	2.979	4.7	19.9
10 18	23 53.74	+ 9 8.8	2.047	2.984	7.9	20.1
10 28	23 48.70	+ 8 34.9	2.120	2.989	11.0	20.3
393585	2003 SF_{253}		9 25.7	277.°89	1.°2/26.9	18
8 19	0 32.75	+ 7 39.1	1.886	2.703	15.2	21.4
8 29	0 29.30	+ 7 13.4	1.786	2.684	12.1	21.1
9 8	0 23.69	+ 6 30.2	1.706	2.664	8.4	20.9
9 18	0 16.37	+ 5 31.2	1.650	2.643	4.2	20.6
9 28	0 8.13	+ 4 21.3	1.622	2.623	1.3	20.3
10 8	23 59.96	+ 3 7.5	1.621	2.602	5.3	20.6
10 18	23 52.83	+ 1 57.4	1.647	2.581	9.7	20.8
10 28	23 47.61	+ 0 58.1	1.698	2.560	13.6	21.0
488309	2016 UL_{71}		9 25.7	229.°85	2.°6/28.7	18
8 19	0 33.59	+12 27.5	2.455	3.231	13.2	22.0
8 29	0 29.38	+12 10.2	2.351	3.219	10.8	21.8
9 8	0 23.44	+11 36.7	2.268	3.206	7.9	21.6
9 18	0 16.17	+10 47.9	2.211	3.192	4.7	21.3
9 28	0 8.21	+ 9 46.8	2.182	3.177	2.6	21.2
10 8	0 0.36	+ 8 38.3	2.183	3.162	4.3	21.3
10 18	23 53.34	+ 7 28.1	2.213	3.147	7.5	21.5
10 28	23 47.84	+ 6 22.4	2.269	3.131	10.6	21.6
321728	2010 KE_{127}		9 25.7	74.°92	0.°8/26.3	17
8 19	0 38.32	+ 6 20.6	1.224	2.067	20.3	20.8
8 29	0 34.08	+ 5 51.6	1.173	2.087	15.8	20.6
9 8	0 26.93	+ 5 1.2	1.141	2.107	10.6	20.4
9 18	0 17.73	+ 3 54.1	1.131	2.127	4.9	20.1
9 28	0 7.79	+ 2 39.0	1.145	2.146	1.3	19.9
10 8	23 58.57	+ 1 26.4	1.185	2.166	6.7	20.4
10 18	23 51.30	+ 0 25.3	1.249	2.186	11.8	20.7
10 28	23 46.79	− 0 17.8	1.335	2.205	16.1	21.0
356921	2012 CL		9 25.7	243.°11	4.°1/20.1	18
8 19	0 29.85	− 7 51.6	2.292	3.146	11.6	20.5
8 29	0 26.48	− 9 18.6	2.220	3.144	8.8	20.3
9 8	0 21.47	−10 50.9	2.173	3.142	6.1	20.1
9 18	0 15.26	−12 22.3	2.152	3.139	4.2	20.0
9 28	0 8.51	−13 45.4	2.161	3.136	5.0	20.1
10 8	0 1.97	−14 54.1	2.197	3.134	7.6	20.2
10 18	23 56.34	−15 44.1	2.260	3.131	10.4	20.4
10 28	23 52.21	−16 13.4	2.345	3.129	13.0	20.6
490492	2009 UA_5		9 25.7	343.°84	9.°8/ 4.4	18
8 19	0 21.34	+22 30.5	1.063	1.877	24.6	19.6
8 29	0 21.92	+23 14.6	0.985	1.859	21.5	19.4
9 8	0 19.59	+23 21.0	0.920	1.843	17.8	19.1
9 18	0 14.79	+22 43.0	0.871	1.829	13.8	18.8
9 28	0 8.61	+21 19.5	0.841	1.817	10.6	18.6
10 8	0 2.61	+19 17.9	0.831	1.807	10.1	18.5
10 18	23 58.32	+16 53.2	0.842	1.798	13.0	18.7
10 28	23 56.97	+14 25.1	0.872	1.793	17.2	18.9
394184	2006 RJ_{92}		9 25.7	352.°05	0.°2/25.9	18
8 19	0 33.66	+ 3 6.1	1.658	2.497	16.0	20.7
8 29	0 30.07	+ 3 0.0	1.581	2.494	12.5	20.4
9 8	0 24.18	+ 2 40.8	1.525	2.491	8.4	20.2
9 18	0 16.56	+ 2 11.3	1.492	2.489	3.8	19.9
9 28	0 8.12	+ 1 36.4	1.486	2.487	1.1	19.7
10 8	23 59.97	+ 1 2.2	1.506	2.486	5.8	20.0
10 18	23 53.11	+ 0 34.5	1.552	2.485	10.2	20.3
10 28	23 48.38	+ 0 18.1	1.621	2.485	14.0	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1314	Paula		9 25.7	326.°55	5.°2/29.4	18 A
	h m	° ′			°	m
8 19	0 30.82	+12 58.9	1.205	2.037	21.2	15.7
8 29	0 28.98	+13 26.6	1.121	2.020	17.6	15.4
9 8	0 24.14	+13 28.8	1.055	2.005	13.3	15.1
9 18	0 16.78	+13 3.2	1.007	1.990	8.6	14.8
9 28	0 8.02	+12 11.9	0.982	1.975	5.3	14.6
10 8	23 59.36	+11 2.5	0.979	1.962	7.4	14.6
10 18	23 52.34	+ 9 45.8	0.999	1.950	12.2	14.9
10 28	23 48.17	+ 8 34.5	1.040	1.939	17.1	15.1
515367	2013 EZ_{25}		9 25.7	201.°45	0.°2/25.5	18
8 19	0 33.54	+ 2 44.9	2.163	2.988	13.3	21.5
8 29	0 29.41	+ 2 22.4	2.081	2.987	10.3	21.3
9 8	0 23.45	+ 1 48.9	2.022	2.986	6.8	21.1
9 18	0 16.16	+ 1 7.5	1.988	2.985	3.0	20.9
9 28	0 8.26	+ 0 22.7	1.983	2.984	1.0	20.7
10 8	0 0.58	− 0 20.4	2.006	2.983	4.9	21.0
10 18	23 53.90	− 0 56.8	2.057	2.981	8.6	21.2
10 28	23 48.88	− 1 22.6	2.132	2.980	11.8	21.4
448351	2009 GR		9 25.7	148.°35	10.°5/ 6.5	16
8 19	0 33.47	+30 42.2	1.219	1.954	26.1	20.9
8 29	0 31.14	+30 38.0	1.143	1.957	23.1	20.6
9 8	0 25.52	+29 47.1	1.080	1.960	19.4	20.4
9 18	0 17.32	+28 3.1	1.032	1.963	15.3	20.2
9 28	0 7.89	+25 26.3	1.005	1.965	11.8	20.0
10 8	23 58.95	+22 8.0	1.002	1.967	10.6	19.9
10 18	23 52.02	+18 28.4	1.023	1.969	12.7	20.1
10 28	23 48.20	+14 51.6	1.069	1.970	16.5	20.3
412567	2014 NM_{59}		9 25.7	74.°01	4.°6/30.6	18
8 19	0 37.71	+15 53.9	2.259	3.014	14.8	20.6
8 29	0 32.50	+16 28.3	2.189	3.035	12.3	20.4
9 8	0 25.41	+16 46.2	2.139	3.055	9.4	20.3
9 18	0 17.00	+16 46.9	2.114	3.076	6.6	20.2
9 28	0 8.02	+16 31.7	2.116	3.096	4.7	20.1
10 8	23 59.37	+16 4.1	2.147	3.116	5.4	20.2
10 18	23 51.83	+15 28.8	2.205	3.136	7.7	20.4
10 28	23 46.06	+14 51.7	2.289	3.156	10.4	20.6
166409	2002 OP		9 25.7	51.°32	6.°1/ 1.6	18
8 19	0 35.69	+18 32.5	1.562	2.338	19.6	19.1
8 29	0 31.64	+18 55.2	1.506	2.362	16.3	18.9
9 8	0 25.15	+18 51.9	1.468	2.387	12.7	18.8
9 18	0 16.93	+18 22.0	1.451	2.413	9.0	18.6
9 28	0 8.06	+17 28.6	1.459	2.438	6.4	18.5
10 8	23 59.73	+16 18.5	1.492	2.464	6.8	18.6
10 18	23 52.98	+15 1.0	1.550	2.490	9.6	18.9
10 28	23 48.55	+13 45.4	1.633	2.516	12.9	19.1
99630	2002 GB_{99}		9 25.7	73.°62	1.°2/26.6	17
8 19	0 39.65	+ 5 55.9	1.340	2.175	19.3	20.2
8 29	0 34.92	+ 5 49.3	1.286	2.194	15.1	20.0
9 8	0 27.42	+ 5 24.4	1.251	2.214	10.2	19.8
9 18	0 17.95	+ 4 44.4	1.238	2.233	4.9	19.5
9 28	0 7.75	+ 3 55.5	1.251	2.253	1.5	19.3
10 8	23 58.23	+ 3 5.9	1.290	2.272	6.3	19.7
10 18	23 50.54	+ 2 23.1	1.354	2.291	11.1	20.0
10 28	23 45.50	+ 1 53.1	1.441	2.310	15.2	20.3
120372	2005 PY		9 25.7	324.°77	0.°2/25.8	18
8 19	0 37.20	+ 2 6.1	1.375	2.224	18.2	19.5
8 29	0 33.39	+ 2 13.5	1.297	2.215	14.3	19.2
9 8	0 26.72	+ 2 7.6	1.238	2.207	9.6	18.9
9 18	0 17.81	+ 1 50.8	1.201	2.199	4.4	18.6
9 28	0 7.76	+ 1 28.3	1.190	2.191	1.3	18.4
10 8	23 57.98	+ 1 6.4	1.203	2.184	6.8	18.7
10 18	23 49.80	+ 0 51.5	1.242	2.178	11.9	19.0
10 28	23 44.26	+ 0 48.5	1.301	2.172	16.4	19.2
268803	2006 UJ_{233}		9 25.7	297.°38	1.°6/27.1	18
8 19	0 30.46	+ 9 42.0	1.429	2.262	18.4	20.6
8 29	0 28.21	+ 9 2.6	1.336	2.242	14.8	20.3
9 8	0 23.35	+ 7 56.7	1.262	2.223	10.4	20.0
9 18	0 16.36	+ 6 26.4	1.210	2.203	5.4	19.7
9 28	0 8.20	+ 4 38.5	1.183	2.184	1.7	19.4
10 8	0 0.13	+ 2 44.3	1.182	2.165	6.4	19.6
10 18	23 53.41	+ 0 56.2	1.205	2.146	11.7	19.9
10 28	23 49.09	− 0 34.7	1.251	2.127	16.5	20.1
43428	2000 YT_{17}		9 25.7	44.°22	3.°5/28.4	18
8 19	0 35.09	+10 57.3	1.216	2.048	21.0	17.8
8 29	0 31.81	+11 1.3	1.158	2.060	16.9	17.6
9 8	0 25.62	+10 40.1	1.117	2.072	12.1	17.4
9 18	0 17.25	+ 9 55.2	1.097	2.085	7.0	17.1
9 28	0 7.98	+ 8 52.2	1.100	2.098	3.5	17.0
10 8	23 59.28	+ 7 40.7	1.128	2.111	6.5	17.2
10 18	23 52.43	+ 6 31.4	1.180	2.126	11.3	17.5
10 28	23 48.33	+ 5 33.4	1.253	2.140	15.7	17.8

475349 2006 BR_{146} 9 25.7 290.°60 0.°7/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.32	+ 1 31.1	1.644	2.485	16.0	21.7
8 29	0 31.44	+ 1 10.6	1.562	2.478	12.4	21.5
9 8	0 25.16	+ 0 37.0	1.502	2.470	8.2	21.2
9 18	0 17.04	− 0 5.9	1.465	2.463	3.6	20.9
9 28	0 8.02	− 0 52.1	1.455	2.456	1.6	20.8
10 8	23 59.24	− 1 34.8	1.472	2.448	6.4	21.1
10 18	23 51.78	− 2 7.8	1.514	2.441	10.9	21.3
10 28	23 46.51	− 2 26.2	1.579	2.434	14.8	21.6

32166 2000 NN_6 9 25.7 175.°29 3.°2/28.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.41	+11 54.4	1.790	2.587	16.6	19.1
8 29	0 31.33	+11 52.7	1.708	2.588	13.5	18.9
9 8	0 24.98	+11 31.5	1.646	2.589	9.8	18.7
9 18	0 16.93	+10 51.5	1.607	2.590	5.9	18.5
9 28	0 8.06	+ 9 56.4	1.594	2.590	3.2	18.3
10 8	23 59.45	+ 8 52.4	1.609	2.590	5.4	18.4
10 18	23 52.10	+ 7 47.1	1.651	2.590	9.3	18.7
10 28	23 46.83	+ 6 48.2	1.717	2.589	13.0	18.9

302683 2002 TC_{44} 9 25.7 355.°60 2.°8/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.57	+13 4.5	1.412	2.239	18.9	19.9
8 29	0 24.24	+12 23.3	1.335	2.234	15.3	19.6
9 8	0 20.54	+11 13.3	1.276	2.230	11.0	19.4
9 18	0 15.03	+ 9 37.0	1.239	2.228	6.3	19.1
9 28	0 8.64	+ 7 41.7	1.227	2.226	2.8	18.9
10 8	0 2.55	+ 5 38.9	1.240	2.225	5.8	19.1
10 18	23 57.81	+ 3 41.2	1.279	2.226	10.5	19.3
10 28	23 55.28	+ 1 59.8	1.340	2.227	14.9	19.6

189002 6760 P–L 9 25.7 1.°77 1.°3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.97	+ 2 1.9	0.984	1.873	20.6	19.4
8 29	0 25.31	+ 1 26.3	0.928	1.869	15.9	19.2
9 8	0 21.61	+ 0 29.5	0.888	1.868	10.5	18.9
9 18	0 15.58	− 0 41.8	0.868	1.868	4.5	18.5
9 28	0 8.49	− 1 56.5	0.870	1.870	2.5	18.4
10 8	0 1.89	− 3 2.3	0.893	1.874	8.4	18.8
10 18	23 57.13	− 3 49.3	0.938	1.880	14.0	19.1
10 28	23 55.20	− 4 11.3	1.001	1.888	18.7	19.4

183911 2004 CB_{100} 9 25.7 42.°86 3.°7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.78	− 4 8.9	1.277	2.146	18.0	19.3
8 29	0 32.08	− 4 57.2	1.225	2.157	13.7	19.1
9 8	0 25.63	− 5 55.2	1.193	2.168	9.0	18.9
9 18	0 17.20	− 6 55.2	1.184	2.180	4.6	18.7
9 28	0 8.03	− 7 47.6	1.199	2.193	4.6	18.7
10 8	23 59.47	− 8 24.4	1.239	2.206	8.8	19.0
10 18	23 52.70	− 8 40.8	1.303	2.219	13.3	19.3
10 28	23 48.53	− 8 34.9	1.387	2.232	17.1	19.6

86104 1999 RF_{110} 9 25.7 301.°66 4.°0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.13	+14 24.8	2.177	2.953	14.7	19.0
8 29	0 29.26	+14 40.8	2.084	2.946	12.2	18.8
9 8	0 23.48	+14 39.9	2.012	2.940	9.2	18.6
9 18	0 16.25	+14 21.9	1.963	2.934	6.2	18.4
9 28	0 8.28	+13 48.6	1.941	2.928	4.1	18.2
10 8	0 0.45	+13 3.9	1.947	2.922	5.1	18.3
10 18	23 53.60	+12 13.4	1.979	2.917	8.1	18.5
10 28	23 48.44	+11 23.4	2.038	2.911	11.2	18.7

323693 2005 GN_{86} 9 25.7 122.°30 0.°1/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.25	+ 3 34.3	1.731	2.556	16.0	21.6
8 29	0 34.08	+ 3 6.0	1.667	2.572	12.4	21.4
9 8	0 26.64	+ 2 23.8	1.623	2.587	8.2	21.2
9 18	0 17.59	+ 1 31.6	1.605	2.602	3.6	20.9
9 28	0 7.91	+ 0 35.4	1.615	2.616	1.2	20.8
10 8	23 58.69	− 0 17.6	1.652	2.629	5.8	21.1
10 18	23 50.91	− 1 1.6	1.717	2.642	10.0	21.4
10 28	23 45.29	− 1 32.0	1.805	2.654	13.5	21.7

257201 2008 RT_{66} 9 25.7 268.°66 1.°2/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.63	− 3 9.4	4.445	5.275	6.9	20.3
8 29	0 21.69	− 3 45.8	4.361	5.273	5.2	20.1
9 8	0 17.95	− 4 25.7	4.303	5.272	3.3	20.0
9 18	0 13.65	− 5 7.0	4.274	5.270	1.6	19.9
9 28	0 9.10	− 5 47.1	4.274	5.268	1.5	19.9
10 8	0 4.65	− 6 23.6	4.305	5.266	3.3	20.0
10 18	0 0.60	− 6 54.5	4.365	5.264	5.1	20.1
10 28	23 57.27	− 7 17.9	4.451	5.263	6.8	20.3

35236 1995 PC_1 9 25.7 185.°31 2.°9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.40	+12 52.4	2.268	3.044	14.2	20.2
8 29	0 30.85	+12 41.0	2.177	3.044	11.6	20.0
9 8	0 24.44	+12 12.5	2.108	3.044	8.4	19.8
9 18	0 16.64	+11 28.0	2.063	3.043	5.2	19.6
9 28	0 8.19	+10 30.5	2.047	3.041	2.9	19.5
10 8	23 59.93	+ 9 25.1	2.060	3.039	4.6	19.6
10 18	23 52.67	+ 8 18.0	2.101	3.036	7.8	19.8
10 28	23 47.08	+ 7 15.5	2.169	3.032	11.0	20.0

164049 2003 UC_{302} 9 25.7 114.°70 1.°7/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.01	+ 8 22.6	2.116	2.914	14.4	21.0
8 29	0 32.00	+ 8 12.0	2.046	2.931	11.4	20.8
9 8	0 25.11	+ 7 47.1	1.998	2.948	7.9	20.6
9 18	0 16.89	+ 7 9.7	1.976	2.965	4.2	20.4
9 28	0 8.14	+ 6 23.8	1.981	2.981	1.7	20.3
10 8	23 59.75	+ 5 34.8	2.016	2.996	4.5	20.5
10 18	23 52.51	+ 4 47.9	2.079	3.011	8.1	20.7
10 28	23 47.05	+ 4 8.3	2.168	3.026	11.2	21.0

276058 2002 CJ_{70} 9 25.7 84.°47 3.°9/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.12	− 5 28.7	1.672	2.529	15.0	20.4
8 29	0 30.96	− 6 36.0	1.617	2.543	11.4	20.2
9 8	0 24.60	− 7 50.4	1.584	2.556	7.5	20.0
9 18	0 16.70	− 9 4.6	1.577	2.570	4.3	19.8
9 28	0 8.20	−10 10.2	1.596	2.583	4.8	19.9
10 8	0 0.19	−11 0.2	1.642	2.597	8.2	20.1
10 18	23 53.57	−11 30.3	1.713	2.610	11.8	20.4
10 28	23 49.04	−11 38.9	1.805	2.623	14.9	20.6

182847 2002 CP_{87} 9 25.7 90.°51 2.°7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.64	− 1 58.9	1.365	2.223	17.7	20.6
8 29	0 33.46	− 2 45.0	1.305	2.231	13.6	20.4
9 8	0 26.55	− 3 43.2	1.265	2.239	8.9	20.2
9 18	0 17.64	− 4 46.7	1.248	2.246	4.1	19.9
9 28	0 7.91	− 5 46.4	1.257	2.254	3.6	19.9
10 8	23 58.72	− 6 33.9	1.292	2.261	8.2	20.2
10 18	23 51.24	− 7 3.1	1.351	2.269	12.7	20.5
10 28	23 46.32	− 7 11.1	1.431	2.276	16.6	20.8

416314 2003 SR_{85} 9 25.7 334.°15 7.°1/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.14	+24 6.5	1.969	2.704	17.3	20.1
8 29	0 25.79	+24 19.6	1.872	2.692	15.1	19.9
9 8	0 21.39	+24 7.2	1.791	2.680	12.4	19.7
9 18	0 15.39	+23 27.0	1.732	2.669	9.7	19.6
9 28	0 8.56	+22 19.8	1.696	2.658	7.6	19.4
10 8	0 1.87	+20 50.1	1.686	2.648	7.3	19.4
10 18	23 56.23	+19 5.8	1.702	2.639	9.2	19.5
10 28	23 52.45	+17 16.7	1.743	2.630	12.0	19.6

101285 1998 SC_{124} 9 25.7 306.°95 2.°5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.22	− 4 21.4	1.724	2.573	15.0	19.7
8 29	0 32.82	− 4 36.7	1.642	2.563	11.6	19.4
9 8	0 26.04	− 4 58.7	1.581	2.552	7.7	19.2
9 18	0 17.44	− 5 22.9	1.545	2.541	3.7	18.9
9 28	0 7.96	− 5 43.5	1.535	2.531	3.2	18.9
10 8	23 58.72	− 5 55.3	1.553	2.521	7.1	19.1
10 18	23 50.78	− 5 54.2	1.596	2.511	11.3	19.3
10 28	23 45.00	− 5 37.9	1.662	2.502	15.0	19.5

212384 2006 HK_{82} 9 25.7 207.°24 1.°3/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.75	+ 7 28.8	1.572	2.395	17.5	21.3
8 29	0 32.68	+ 7 4.7	1.490	2.392	13.9	21.1
9 8	0 26.07	+ 6 20.9	1.429	2.388	9.6	20.8
9 18	0 17.49	+ 5 20.1	1.391	2.384	4.7	20.5
9 28	0 7.95	+ 4 8.1	1.379	2.380	1.4	20.3
10 8	23 58.67	+ 2 53.4	1.394	2.375	6.0	20.6
10 18	23 50.82	+ 1 44.8	1.435	2.370	10.7	20.8
10 28	23 45.32	+ 0 49.9	1.499	2.364	14.9	21.1

46953 1998 SB_{121} 9 25.7 270.°63 0.°3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.93	+ 3 56.1	1.926	2.756	14.4	19.0
8 29	0 28.52	+ 3 12.2	1.836	2.745	11.2	18.8
9 8	0 23.09	+ 2 13.1	1.768	2.734	7.5	18.6
9 18	0 16.11	+ 1 2.6	1.726	2.723	3.3	18.3
9 28	0 8.37	− 0 13.2	1.711	2.712	1.2	18.1
10 8	0 0.79	− 1 26.8	1.724	2.700	5.6	18.4
10 18	23 54.27	− 2 31.3	1.764	2.689	9.7	18.6
10 28	23 49.56	− 3 21.0	1.828	2.678	13.4	18.8

345847 2007 OW_1 9 25.7 9.°99 9.°7/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.41	−17 14.3	1.349	2.233	16.3	19.6
8 29	0 28.77	−19 3.4	1.303	2.235	13.1	19.4
9 8	0 23.50	−20 49.1	1.279	2.237	10.5	19.3
9 18	0 16.30	−22 19.0	1.277	2.241	9.7	19.2
9 28	0 8.34	−23 21.9	1.298	2.245	11.1	19.3
10 8	0 0.91	−23 51.0	1.342	2.250	13.8	19.5
10 18	23 55.13	−23 45.0	1.406	2.256	16.8	19.7
10 28	23 51.80	−23 6.6	1.487	2.262	19.5	19.9

49358 1998 WZ_{14} 9 25.7 260.°19 2.°4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.51	− 1 46.6	1.670	2.519	15.4	19.4
8 29	0 31.60	− 2 31.4	1.587	2.508	11.9	19.1
9 8	0 25.30	− 3 27.9	1.524	2.496	7.8	18.9
9 18	0 17.15	− 4 30.7	1.487	2.484	3.6	18.6
9 28	0 8.06	− 5 32.4	1.476	2.472	3.2	18.5
10 8	23 59.18	− 6 24.9	1.492	2.460	7.4	18.8
10 18	23 51.60	− 7 2.2	1.533	2.447	11.7	19.0
10 28	23 46.18	− 7 20.2	1.597	2.435	15.6	19.2

446176 2013 FD_2 9 25.7 110.°53 3.°7/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.20	− 8 56.1	2.172	3.018	12.5	21.4
8 29	0 31.36	− 9 30.6	2.105	3.023	9.6	21.2
9 8	0 24.69	−10 7.5	2.061	3.028	6.5	21.1
9 18	0 16.73	−10 41.7	2.043	3.033	4.0	20.9
9 28	0 8.24	−11 8.1	2.054	3.037	4.4	21.0
10 8	0 0.08	−11 22.4	2.093	3.042	7.1	21.1
10 18	23 53.02	−11 22.2	2.158	3.047	10.1	21.3
10 28	23 47.70	−11 6.5	2.246	3.051	12.8	21.5

21506 Betsill 9 25.7 181.°94 4.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.59	+15 2.7	1.718	2.500	17.8	18.4
8 29	0 33.20	+15 16.8	1.635	2.501	14.8	18.2
9 8	0 26.36	+15 9.3	1.570	2.501	11.2	18.0
9 18	0 17.62	+14 39.4	1.528	2.501	7.4	17.7
9 28	0 7.94	+13 49.3	1.512	2.500	4.8	17.6
10 8	23 58.52	+12 45.1	1.522	2.500	6.1	17.7
10 18	23 50.46	+11 34.8	1.559	2.498	9.7	17.9
10 28	23 44.65	+10 27.2	1.621	2.497	13.4	18.1

41962 2000 XG_{35} 9 25.7 19.°16 8.°4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.72	−18 11.3	1.423	2.287	16.8	18.1
8 29	0 36.51	−18 49.8	1.371	2.291	13.5	17.9
9 8	0 28.49	−19 21.7	1.339	2.296	10.3	17.7
9 18	0 18.47	−19 38.3	1.330	2.301	8.5	17.6
9 28	0 7.74	−19 31.8	1.346	2.307	9.2	17.7
10 8	23 57.71	−18 58.8	1.386	2.313	11.9	17.9
10 18	23 49.58	−18 0.2	1.448	2.320	15.1	18.1
10 28	23 44.14	−16 39.6	1.531	2.328	18.1	18.3

513847 2013 GJ_{74} 9 25.7 161.°42 3.°5/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.55	− 6 39.3	2.383	3.230	11.5	21.5
8 29	0 27.70	− 7 52.4	2.313	3.234	8.7	21.4
9 8	0 22.25	− 9 10.8	2.268	3.237	5.8	21.2
9 18	0 15.65	−10 28.9	2.249	3.239	3.7	21.1
9 28	0 8.56	−11 40.3	2.260	3.242	4.3	21.1
10 8	0 1.70	−12 39.4	2.299	3.244	6.8	21.3
10 18	23 55.75	−13 22.4	2.365	3.246	9.7	21.5
10 28	23 51.27	−13 47.2	2.455	3.247	12.2	21.6

40440 Dobrovský 9 25.7 332.°25 0.°9/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.15	+ 7 40.7	1.987	2.807	14.4	18.9
8 29	0 26.28	+ 6 59.5	1.901	2.802	11.4	18.7
9 8	0 21.55	+ 6 1.0	1.837	2.796	7.8	18.5
9 18	0 15.42	+ 4 48.5	1.797	2.791	3.8	18.3
9 28	0 8.62	+ 3 27.3	1.785	2.786	1.0	18.0
10 8	0 2.02	+ 2 4.9	1.800	2.781	4.9	18.3
10 18	23 56.43	+ 0 48.4	1.843	2.777	8.8	18.5
10 28	23 52.52	− 0 15.8	1.911	2.773	12.3	18.8

166020 2002 AZ_{162} 9 25.7 303.°12 3.°7/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.71	+10 32.4	1.297	2.126	20.1	19.6
8 29	0 31.81	+10 47.3	1.213	2.113	16.4	19.3
9 8	0 25.93	+10 39.2	1.146	2.100	12.0	19.0
9 18	0 17.60	+10 7.8	1.100	2.087	7.1	18.7
9 28	0 7.94	+ 9 16.3	1.078	2.075	3.7	18.5
10 8	23 58.41	+ 8 12.5	1.080	2.063	6.8	18.6
10 18	23 50.48	+ 7 6.5	1.105	2.051	11.9	18.9
10 28	23 45.33	+ 6 8.7	1.152	2.040	16.7	19.1

397282 2006 SF_{38} 9 25.7 4.°40 2.°5/28.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.28	+10 35.0	1.877	2.682	15.7	21.7
8 29	0 28.80	+10 24.0	1.795	2.682	12.6	21.5
9 8	0 23.27	+ 9 54.8	1.734	2.683	9.0	21.2
9 18	0 16.20	+ 9 8.9	1.696	2.683	5.1	21.0
9 28	0 8.40	+ 8 10.4	1.685	2.683	2.5	20.8
10 8	0 0.84	+ 7 5.6	1.702	2.684	5.0	21.0
10 18	23 54.43	+ 6 1.6	1.745	2.685	8.8	21.3
10 28	23 49.90	+ 5 5.1	1.813	2.686	12.4	21.5

162313 1999 WA_{24} 9 25.7 51.°98 1.°9/23.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.90	− 1 26.7	1.687	2.536	15.3	20.5
8 29	0 30.89	− 2 2.1	1.620	2.541	11.7	20.3
9 8	0 24.65	− 2 47.7	1.575	2.546	7.6	20.1
9 18	0 16.79	− 3 38.4	1.554	2.552	3.4	19.8
9 28	0 8.24	− 4 27.5	1.560	2.557	2.7	19.8
10 8	0 0.06	− 5 8.2	1.592	2.563	6.7	20.1
10 18	23 53.23	− 5 35.6	1.651	2.569	10.8	20.3
10 28	23 48.48	− 5 46.4	1.732	2.575	14.3	20.6

273592 2007 CE_{54} 9 25.7 197.°58 2.°6/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.83	− 3 33.5	1.918	2.759	14.1	21.4
8 29	0 32.98	− 4 13.2	1.840	2.756	10.8	21.2
9 8	0 25.98	− 5 0.9	1.784	2.754	7.1	21.0
9 18	0 17.39	− 5 51.6	1.754	2.750	3.5	20.8
9 28	0 8.06	− 6 39.0	1.753	2.747	3.3	20.7
10 8	23 59.01	− 7 16.9	1.779	2.742	6.9	21.0
10 18	23 51.17	− 7 40.8	1.832	2.738	10.6	21.2
10 28	23 45.30	− 7 48.2	1.908	2.732	14.0	21.4

7796 Járacimrman 9 25.7 231.°59 6.°5/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.54	−15 25.9	2.106	2.960	12.5	18.1
8 29	0 31.11	−16 42.5	2.034	2.951	9.9	17.9
9 8	0 24.70	−17 58.7	1.986	2.942	7.6	17.8
9 18	0 16.81	−19 7.3	1.964	2.932	6.5	17.7
9 28	0 8.24	−20 0.6	1.969	2.922	7.4	17.7
10 8	23 59.91	−20 33.3	2.001	2.911	9.8	17.9
10 18	23 52.69	−20 42.8	2.057	2.901	12.5	18.0
10 28	23 47.28	−20 29.0	2.134	2.890	14.9	18.2

324416 2006 SN_{280} 9 25.7 19.°00 6.°0/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.92	− 6 52.3	0.836	1.744	21.4	18.9
8 29	0 28.54	− 7 48.5	0.802	1.754	16.3	18.6
9 8	0 23.73	− 8 52.6	0.785	1.767	10.9	18.4
9 18	0 16.48	− 9 53.0	0.786	1.782	6.5	18.2
9 28	0 8.39	−10 36.9	0.809	1.799	7.1	18.3
10 8	0 1.20	−10 55.2	0.851	1.818	11.6	18.7
10 18	23 56.26	−10 44.8	0.913	1.839	16.3	19.0
10 28	23 54.40	−10 6.9	0.993	1.861	20.4	19.3

234804 2002 QD_{83} 9 25.7 332.°07 3.°5/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.10	+13 2.0	2.198	2.982	14.4	21.1
8 29	0 28.44	+13 15.4	2.107	2.976	11.8	20.9
9 8	0 22.95	+13 13.0	2.036	2.970	8.8	20.7
9 18	0 16.05	+12 54.8	1.989	2.965	5.7	20.5
9 28	0 8.46	+12 22.8	1.969	2.960	3.6	20.4
10 8	0 1.01	+11 41.0	1.977	2.955	4.9	20.4
10 18	23 54.51	+10 54.8	2.012	2.950	7.9	20.6
10 28	23 49.66	+10 10.0	2.072	2.946	11.0	20.8

424012 2006 WG_{111} 9 25.7 359.°73 10.°5/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.83	−17 35.0	1.072	1.964	19.0	20.0
8 29	0 32.07	−18 51.4	1.024	1.961	15.3	19.8
9 8	0 26.02	−20 2.7	0.995	1.959	12.1	19.6
9 18	0 17.53	−20 55.9	0.986	1.958	10.5	19.5
9 28	0 8.05	−21 19.0	0.998	1.958	11.8	19.6
10 8	23 59.27	−21 5.6	1.031	1.960	14.9	19.8
10 18	23 52.60	−20 16.1	1.083	1.963	18.4	20.0
10 28	23 48.97	−18 55.2	1.153	1.967	21.8	20.2

99826 2002 NJ_8 9 25.7 16.°15 4.°1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.59	+15 52.3	2.298	3.064	14.3	19.3
8 29	0 27.94	+15 59.7	2.210	3.065	11.9	19.2
9 8	0 22.54	+15 49.6	2.144	3.067	9.0	19.0
9 18	0 15.85	+15 22.3	2.101	3.068	6.2	18.8
9 28	0 8.54	+14 39.5	2.085	3.069	4.2	18.7
10 8	0 1.42	+13 45.8	2.096	3.071	4.9	18.8
10 18	23 55.23	+12 46.6	2.135	3.073	7.5	18.9
10 28	23 50.62	+11 48.2	2.200	3.075	10.4	19.1

267639 2002 ST_{37} 9 25.7 354.°35 1.°8/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.00	+ 8 2.4	1.104	1.965	20.8	19.9
8 29	0 26.75	+ 7 46.1	1.036	1.959	16.6	19.6
9 8	0 22.57	+ 7 3.8	0.986	1.954	11.5	19.3
9 18	0 16.08	+ 5 58.3	0.956	1.951	5.9	19.0
9 28	0 8.47	+ 4 37.2	0.947	1.949	1.9	18.8
10 8	0 1.23	+ 3 12.5	0.962	1.948	6.9	19.1
10 18	23 55.71	+ 1 56.1	1.000	1.948	12.5	19.4
10 28	23 52.95	+ 0 58.0	1.057	1.950	17.4	19.7

23918 1998 SH_{133} 9 25.7 190.°80 2.°2/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.40	+12 38.7	2.707	3.482	12.2	18.7
8 29	0 26.72	+12 9.6	2.613	3.481	9.8	18.5
9 8	0 21.58	+11 25.3	2.543	3.480	7.1	18.4
9 18	0 15.39	+10 27.5	2.498	3.479	4.2	18.2
9 28	0 8.70	+ 9 19.3	2.481	3.477	2.2	18.0
10 8	0 2.17	+ 8 5.6	2.495	3.475	3.8	18.1
10 18	23 56.42	+ 6 51.8	2.537	3.473	6.6	18.3
10 28	23 51.96	+ 5 43.2	2.607	3.470	9.4	18.5

16202 Srivastava 9 25.7 54.°42 0.°4/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.95	+ 3 49.1	1.334	2.183	18.5	17.9
8 29	0 31.35	+ 3 11.4	1.280	2.199	14.3	17.7
9 8	0 25.13	+ 2 15.8	1.245	2.215	9.4	17.4
9 18	0 17.04	+ 1 8.0	1.233	2.231	4.1	17.2
9 28	0 8.23	− 0 3.7	1.247	2.248	1.5	17.0
10 8	0 0.01	− 1 9.8	1.286	2.265	6.7	17.4
10 18	23 53.48	− 2 2.5	1.350	2.282	11.5	17.7
10 28	23 49.43	− 2 36.6	1.435	2.299	15.5	18.0

38596 1999 XP_{199} 9 25.7 280.°78 0.°6/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.46	− 0 29.6	4.294	5.113	7.3	19.6
8 29	0 23.13	− 0 48.2	4.203	5.108	5.6	19.5
9 8	0 18.95	− 1 11.0	4.138	5.103	3.6	19.4
9 18	0 14.16	− 1 36.4	4.101	5.099	1.6	19.2
9 28	0 9.09	− 2 2.0	4.094	5.094	0.9	19.1
10 8	0 4.11	− 2 25.8	4.118	5.089	2.9	19.3
10 18	23 59.57	− 2 45.6	4.171	5.084	4.9	19.4
10 28	23 55.79	− 2 59.8	4.250	5.080	6.8	19.6

254385 2004 TP_{185} 9 25.7 57.°57 0.°8/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.25	− 0 6.2	1.899	2.729	14.6	20.2
8 29	0 33.67	− 0 15.5	1.853	2.762	11.2	20.0
9 8	0 26.15	− 0 33.2	1.829	2.795	7.2	19.9
9 18	0 17.35	− 0 55.9	1.830	2.828	3.1	19.7
9 28	0 8.18	− 1 19.0	1.860	2.860	1.5	19.6
10 8	23 59.59	− 1 38.0	1.919	2.893	5.4	20.0
10 18	23 52.37	− 1 49.2	2.004	2.926	9.0	20.2
10 28	23 47.12	− 1 50.2	2.115	2.958	12.0	20.5

448629 2010 VH_{16} 9 25.7 228.°82 0.°4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.03	+ 0 48.2	2.373	3.193	12.4	21.3
8 29	0 31.22	+ 0 41.6	2.285	3.188	9.6	21.1
9 8	0 24.66	+ 0 27.1	2.220	3.183	6.3	20.9
9 18	0 16.79	+ 0 7.0	2.181	3.178	2.8	20.7
9 28	0 8.31	− 0 15.1	2.172	3.172	1.1	20.6
10 8	0 0.00	− 0 35.2	2.191	3.167	4.7	20.8
10 18	23 52.63	− 0 49.8	2.239	3.161	8.2	21.0
10 28	23 46.84	− 0 55.9	2.313	3.155	11.2	21.2

421181 2013 RW_{63} 9 25.7 119.°22 0.°3/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.37	+ 3 8.8	1.527	2.360	17.4	21.5
8 29	0 35.39	+ 3 4.3	1.459	2.367	13.6	21.3
9 8	0 27.80	+ 2 45.8	1.410	2.375	9.1	21.0
9 18	0 18.26	+ 2 16.5	1.386	2.382	4.1	20.8
9 28	0 7.88	+ 1 41.6	1.387	2.389	1.1	20.6
10 8	23 57.95	+ 1 7.7	1.416	2.395	6.2	20.9
10 18	23 49.61	+ 0 40.9	1.471	2.402	10.8	21.2
10 28	23 43.74	+ 0 25.9	1.548	2.408	14.8	21.5

390573 2001 HB_{57} 9 25.7 118.°19 17.°5/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	1 0.77	−34 34.3	1.111	1.944	22.6	20.4
8 29	0 52.25	−35 50.7	1.078	1.951	20.1	20.2
9 8	0 39.25	−36 39.5	1.060	1.958	18.3	20.1
9 18	0 23.24	−36 44.6	1.061	1.964	17.5	20.1
9 28	0 6.53	−35 55.8	1.082	1.971	18.3	20.2
10 8	23 51.58	−34 14.1	1.123	1.977	20.1	20.3
10 18	23 40.12	−31 49.5	1.183	1.982	22.4	20.5
10 28	23 32.97	−28 55.2	1.259	1.988	24.7	20.7

82395 2001 NK_1 9 25.7 311.°94 4.°8/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.22	− 9 26.2	1.758	2.618	14.3	19.2
8 29	0 31.23	−10 11.1	1.682	2.608	11.1	19.0
9 8	0 24.98	−10 59.6	1.628	2.598	7.6	18.8
9 18	0 17.02	−11 45.3	1.599	2.588	5.0	18.6
9 28	0 8.26	−12 21.0	1.597	2.579	5.6	18.6
10 8	23 59.77	−12 40.5	1.620	2.570	8.8	18.8
10 18	23 52.55	−12 40.6	1.668	2.561	12.3	19.0
10 28	23 47.41	−12 20.3	1.738	2.552	15.6	19.2

324708 2007 EJ_{117} 9 25.7 75.°98 3.°4/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.52	− 8 18.4	2.272	3.118	12.0	20.6
8 29	0 30.02	− 8 54.1	2.205	3.124	9.2	20.4
9 8	0 23.81	− 9 32.5	2.162	3.130	6.2	20.2
9 18	0 16.39	−10 9.0	2.145	3.136	3.8	20.1
9 28	0 8.48	−10 38.5	2.157	3.141	4.1	20.1
10 8	0 0.87	−10 56.8	2.196	3.147	6.7	20.3
10 18	23 54.29	−11 1.3	2.263	3.153	9.6	20.5
10 28	23 49.31	−10 51.0	2.353	3.159	12.2	20.7

342423 2008 UG_{76} 9 25.7 356.°82 0.°9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.37	+ 0 23.6	1.208	2.078	18.8	19.8
8 29	0 29.88	+ 0 19.5	1.142	2.073	14.6	19.5
9 8	0 24.51	+ 0 1.7	1.094	2.069	9.7	19.2
9 18	0 16.93	− 0 25.8	1.067	2.066	4.2	18.9
9 28	0 8.30	− 0 56.1	1.064	2.065	1.9	18.7
10 8	0 0.07	− 1 21.5	1.085	2.065	7.4	19.1
10 18	23 53.55	− 1 35.5	1.129	2.067	12.6	19.4
10 28	23 49.70	− 1 33.6	1.193	2.070	17.1	19.7

195318 2002 EE_{116} 9 25.7 46.°09 0.°5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.88	− 0 30.4	4.214	5.030	7.4	19.7
8 29	0 24.20	− 0 40.8	4.130	5.033	5.7	19.5
9 8	0 19.65	− 0 55.2	4.072	5.036	3.7	19.4
9 18	0 14.48	− 1 12.0	4.042	5.039	1.6	19.3
9 28	0 9.05	− 1 29.2	4.042	5.042	0.8	19.2
10 8	0 3.72	− 1 44.7	4.072	5.045	2.9	19.4
10 18	23 58.87	− 1 56.6	4.132	5.048	4.9	19.5
10 28	23 54.81	− 2 3.2	4.220	5.051	6.8	19.7

289611 2005 GW_{25} 9 25.7 103.°35 0.°1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.17	+ 4 10.9	1.961	2.786	14.4	21.2
8 29	0 30.05	+ 3 42.2	1.889	2.794	11.2	21.0
9 8	0 23.99	+ 3 0.4	1.839	2.802	7.5	20.8
9 18	0 16.51	+ 2 8.8	1.814	2.810	3.3	20.6
9 28	0 8.44	+ 1 12.7	1.816	2.818	0.9	20.4
10 8	0 0.68	+ 0 18.4	1.847	2.826	5.1	20.7
10 18	23 54.07	− 0 28.6	1.905	2.833	9.0	21.0
10 28	23 49.27	− 1 3.6	1.988	2.840	12.3	21.2

90672 Metrorheinneckar 9 25.7 26.°84 14.°3/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.73	−32 16.8	1.397	2.253	17.5	18.3
8 29	0 32.70	−33 56.3	1.387	2.274	15.6	18.2
9 8	0 25.89	−35 12.8	1.395	2.297	14.5	18.2
9 18	0 17.28	−35 56.1	1.424	2.320	14.4	18.3
9 28	0 8.28	−36 0.0	1.473	2.344	15.3	18.4
10 8	0 0.24	−35 24.2	1.541	2.370	16.8	18.6
10 18	23 54.21	−34 13.2	1.627	2.396	18.4	18.8
10 28	23 50.78	−32 33.9	1.729	2.424	20.0	19.0

19718 Albertjarvis 9 25.7 87.°78 8.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.68	−18 30.9	1.732	2.594	14.4	17.4
8 29	0 32.18	−20 5.8	1.691	2.608	11.6	17.2
9 8	0 25.43	−21 35.4	1.673	2.622	9.3	17.1
9 18	0 17.13	−22 50.3	1.680	2.636	8.4	17.1
9 28	0 8.29	−23 42.2	1.712	2.650	9.5	17.2
10 8	24 0.00	−24 6.3	1.768	2.663	11.7	17.4
10 18	23 53.18	−24 1.9	1.847	2.677	14.2	17.6
10 28	23 48.51	−23 31.2	1.945	2.690	16.5	17.8

34468 2000 SS_{109} 9 25.7 281.°23 0.°6/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.75	+ 4 33.8	1.824	2.649	15.3	19.4
8 29	0 31.82	+ 4 21.3	1.721	2.625	12.2	19.1
9 8	0 25.56	+ 3 54.4	1.638	2.600	8.3	18.8
9 18	0 17.39	+ 3 15.1	1.579	2.575	3.9	18.5
9 28	0 8.15	+ 2 27.8	1.548	2.549	1.0	18.2
10 8	23 58.90	+ 1 38.7	1.544	2.523	5.7	18.5
10 18	23 50.73	+ 0 54.5	1.566	2.497	10.3	18.7
10 28	23 44.60	+ 0 21.3	1.613	2.471	14.4	18.9

198251 2004 TV_{218} 9 25.7 253.°10 0.°4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.68	+ 4 0.6	1.946	2.767	14.7	21.6
8 29	0 32.26	+ 3 48.5	1.850	2.752	11.6	21.3
9 8	0 25.67	+ 3 23.6	1.776	2.738	7.8	21.1
9 18	0 17.37	+ 2 48.2	1.728	2.723	3.6	20.8
9 28	0 8.18	+ 2 6.4	1.706	2.708	1.0	20.6
10 8	23 59.09	+ 1 24.1	1.713	2.692	5.4	20.9
10 18	23 51.10	+ 0 47.0	1.748	2.676	9.6	21.1
10 28	23 45.03	+ 0 20.0	1.806	2.660	13.3	21.3

274954 2009 SJ_{295} 9 25.7 323.°49 1.°6/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.95	+ 2 47.4	1.361	2.220	17.7	20.9
8 29	0 27.78	+ 1 41.9	1.284	2.210	13.7	20.7
9 8	0 23.04	+ 0 15.5	1.227	2.201	9.0	20.4
9 18	0 16.28	− 1 25.4	1.193	2.192	3.9	20.0
9 28	0 8.51	− 3 10.6	1.184	2.183	2.6	19.9
10 8	0 1.00	− 4 47.9	1.200	2.175	7.8	20.2
10 18	23 54.94	− 6 7.1	1.240	2.167	12.8	20.5
10 28	23 51.26	− 7 1.4	1.302	2.160	17.1	20.8

54107 2000 HM_9 9 25.7 18.°93 0.°4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.43	+ 2 49.2	1.724	2.564	15.4	19.2
8 29	0 29.03	+ 2 18.5	1.652	2.566	11.9	19.0
9 8	0 23.48	+ 1 34.0	1.601	2.569	7.9	18.7
9 18	0 16.35	+ 0 39.7	1.575	2.572	3.4	18.5
9 28	0 8.52	− 0 18.1	1.575	2.576	1.3	18.3
10 8	0 1.01	− 1 12.5	1.602	2.580	5.8	18.6
10 18	23 54.74	− 1 57.2	1.656	2.584	10.0	18.9
10 28	23 50.45	− 2 27.4	1.732	2.589	13.6	19.1

163926 2003 SN_{299} 9 25.7 29.°38 9.°1/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.88	+23 9.1	1.628	2.372	20.1	18.9
8 29	0 32.98	+24 20.1	1.554	2.378	17.5	18.8
9 8	0 26.41	+25 6.1	1.497	2.384	14.5	18.6
9 18	0 17.76	+25 22.7	1.460	2.391	11.6	18.4
9 28	0 8.08	+25 8.5	1.445	2.399	9.5	18.3
10 8	23 58.66	+24 26.8	1.455	2.407	9.3	18.3
10 18	23 50.74	+23 24.9	1.489	2.415	11.1	18.5
10 28	23 45.29	+22 13.3	1.545	2.424	13.8	18.7

275319 2010 UZ_{24} 9 25.7 291.°15 1.°5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.42	+10 45.1	4.378	5.150	7.9	20.6
8 29	0 22.38	+10 32.3	4.280	5.147	6.3	20.5
9 8	0 18.49	+10 11.5	4.207	5.144	4.6	20.4
9 18	0 13.99	+ 9 43.4	4.160	5.141	2.7	20.2
9 28	0 9.23	+ 9 9.9	4.143	5.138	1.5	20.1
10 8	0 4.54	+ 8 33.2	4.156	5.135	2.5	20.2
10 18	0 0.27	+ 7 55.7	4.199	5.132	4.3	20.3
10 28	23 56.75	+ 7 20.0	4.269	5.129	6.1	20.5

369941 2013 GW_{72} 9 25.7 144.°65 5.°0/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.59	−16 17.1	2.873	3.714	9.9	21.9
8 29	0 29.72	−17 16.1	2.816	3.725	7.8	21.8
9 8	0 23.44	−18 12.9	2.785	3.735	5.9	21.7
9 18	0 16.20	−19 2.5	2.781	3.745	5.0	21.6
9 28	0 8.59	−19 40.4	2.806	3.755	5.7	21.7
10 8	0 1.26	−20 3.2	2.859	3.764	7.4	21.8
10 18	23 54.78	−20 9.6	2.938	3.772	9.4	21.9
10 28	23 49.64	−19 59.5	3.040	3.780	11.2	22.1

448742 2011 JP_2 9 25.7 206.°86 3.°1/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.34	−12 17.4	3.533	4.356	8.6	21.6
8 29	0 32.35	−12 39.6	3.446	4.349	6.7	21.5
9 8	0 25.09	−13 1.3	3.384	4.341	4.7	21.3
9 18	0 16.93	−13 19.5	3.352	4.333	3.3	21.2
9 28	0 8.37	−13 31.0	3.351	4.324	3.6	21.2
10 8	23 59.97	−13 33.4	3.381	4.314	5.3	21.4
10 18	23 52.26	−13 25.3	3.440	4.304	7.4	21.5
10 28	23 45.70	−13 6.2	3.526	4.294	9.3	21.6

339408 2005 CD_{50} 9 25.7 241.°95 1.°1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.32	+ 6 43.4	2.231	3.035	13.5	22.1
8 29	0 30.95	+ 6 26.3	2.129	3.020	10.8	21.9
9 8	0 24.67	+ 5 55.5	2.050	3.005	7.4	21.7
9 18	0 16.90	+ 5 12.9	1.997	2.989	3.7	21.4
9 28	0 8.36	+ 4 22.1	1.971	2.972	1.2	21.2
10 8	23 59.90	+ 3 28.5	1.975	2.955	4.7	21.4
10 18	23 52.36	+ 2 37.6	2.007	2.937	8.5	21.6
10 28	23 46.48	+ 1 54.8	2.065	2.919	11.9	21.8

384907 2012 TO_{39} 9 25.7 119.°59 1.°4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.18	+ 5 33.7	1.939	2.746	15.2	20.8
8 29	0 35.45	+ 5 43.8	1.868	2.759	12.0	20.6
9 8	0 27.57	+ 5 41.6	1.818	2.772	8.2	20.4
9 18	0 18.12	+ 5 28.6	1.793	2.785	4.1	20.2
9 28	0 8.03	+ 5 8.1	1.797	2.797	1.5	20.0
10 8	23 58.32	+ 4 44.6	1.829	2.809	5.0	20.3
10 18	23 49.92	+ 4 22.9	1.890	2.820	8.8	20.5
10 28	23 43.56	+ 4 7.4	1.975	2.831	12.3	20.8

697 Galilea 9 25.7 7.°40 2.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.30	− 6 22.4	1.585	2.437	16.0	13.4
8 29	0 35.25	− 6 13.9	1.516	2.438	12.3	13.2
9 8	0 27.67	− 6 8.6	1.469	2.439	8.2	13.0
9 18	0 18.23	− 6 2.6	1.446	2.442	4.0	12.7
9 28	0 8.00	− 5 51.3	1.449	2.445	3.4	12.7
10 8	23 58.22	− 5 30.8	1.480	2.449	7.3	13.0
10 18	23 49.99	− 4 59.0	1.536	2.454	11.4	13.2
10 28	23 44.15	− 4 15.2	1.614	2.459	15.1	13.5

241236 2007 TB_{190} 9 25.7 125.°72 0.°2/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.97	+ 4 7.6	1.857	2.684	15.0	21.0
8 29	0 30.85	+ 3 45.5	1.781	2.687	11.7	20.8
9 8	0 24.63	+ 3 9.8	1.726	2.690	7.9	20.6
9 18	0 16.86	+ 2 23.7	1.696	2.692	3.6	20.3
9 28	0 8.40	+ 1 32.3	1.694	2.695	1.0	20.1
10 8	0 0.23	+ 0 42.0	1.719	2.698	5.3	20.5
10 18	23 53.26	− 0 1.4	1.771	2.700	9.4	20.7
10 28	23 48.22	− 0 32.8	1.847	2.702	13.0	21.0

158099 2000 XX_2 9 25.7 10.°64 2.°8/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 43.59	− 6 40.1	1.272	2.133	18.6	18.4
8 29	0 38.36	− 6 14.5	1.209	2.135	14.4	18.2
9 8	0 30.01	− 5 51.5	1.166	2.138	9.6	17.9
9 18	0 19.34	− 5 27.0	1.145	2.142	4.6	17.6
9 28	0 7.69	− 4 56.6	1.150	2.147	3.5	17.6
10 8	23 56.67	− 4 17.0	1.180	2.153	8.1	17.9
10 18	23 47.64	− 3 26.9	1.234	2.160	12.9	18.2
10 28	23 41.58	− 2 26.0	1.311	2.168	17.1	18.5

448492 2010 JQ_{153} 9 25.7 77.°73 5.°7/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.96	−12 9.1	1.814	2.672	14.0	21.1
8 29	0 32.22	−13 10.6	1.766	2.688	10.8	21.0
9 8	0 25.38	−14 12.2	1.740	2.705	7.7	20.8
9 18	0 17.12	−15 6.6	1.740	2.721	5.7	20.7
9 28	0 8.36	−15 46.7	1.767	2.738	6.5	20.8
10 8	0 0.12	−16 7.8	1.820	2.754	9.1	21.0
10 18	23 53.25	−16 7.8	1.898	2.770	12.0	21.2
10 28	23 48.40	−15 47.1	1.997	2.786	14.7	21.5

435620 2008 SP_{107} 9 25.7 317.°80 2.°1/30.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.81	+14 31.7	4.266	5.019	8.4	21.1
8 29	0 21.97	+14 13.9	4.165	5.014	6.9	21.0
9 8	0 18.25	+13 46.1	4.086	5.009	5.1	20.9
9 18	0 13.91	+13 9.3	4.035	5.004	3.4	20.8
9 28	0 9.29	+12 25.1	4.012	5.000	2.1	20.7
10 8	0 4.74	+11 36.0	4.019	4.995	2.7	20.7
10 18	0 0.63	+10 44.8	4.055	4.991	4.4	20.8
10 28	23 57.29	+ 9 54.5	4.121	4.986	6.2	20.9

314344 2005 TQ_{86} 9 25.7 317.°02 0.°9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.61	+ 7 25.5	2.001	2.819	14.4	21.2
8 29	0 27.43	+ 6 51.8	1.915	2.814	11.4	21.0
9 8	0 22.36	+ 6 1.7	1.851	2.809	7.8	20.7
9 18	0 15.87	+ 4 58.1	1.811	2.805	3.8	20.5
9 28	0 8.70	+ 3 46.0	1.799	2.800	1.1	20.3
10 8	0 1.73	+ 2 32.3	1.814	2.795	4.8	20.5
10 18	23 55.77	+ 1 23.8	1.857	2.791	8.8	20.8
10 28	23 51.53	+ 0 26.6	1.925	2.787	12.3	21.0

10479 Yiqunchen 9 25.7 75.°07 5.°4/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.12	− 8 41.5	1.298	2.162	18.1	16.5
8 29	0 36.82	− 9 33.5	1.255	2.183	13.8	16.3
9 8	0 28.68	−10 29.1	1.233	2.204	9.4	16.1
9 18	0 18.61	−11 19.5	1.235	2.225	5.8	16.0
9 28	0 7.95	−11 55.7	1.261	2.246	6.3	16.0
10 8	23 58.12	−12 11.5	1.313	2.267	9.9	16.3
10 18	23 50.28	−12 4.6	1.388	2.287	13.8	16.6
10 28	23 45.19	−11 35.8	1.484	2.307	17.3	16.9

129923 1999 TJ_{126} 9 25.7 9.°30 1.°3/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.43	+10 50.7	1.426	2.259	18.4	19.3
8 29	0 25.64	+ 9 43.3	1.354	2.261	14.6	19.1
9 8	0 21.48	+ 8 8.0	1.301	2.262	10.1	18.8
9 18	0 15.54	+ 6 9.7	1.272	2.265	5.1	18.5
9 28	0 8.80	+ 3 57.8	1.267	2.269	1.4	18.3
10 8	0 2.41	+ 1 45.2	1.290	2.273	6.0	18.6
10 18	23 57.39	− 0 15.6	1.338	2.278	10.8	18.9
10 28	23 54.56	− 1 54.7	1.409	2.283	15.1	19.2

471077 2009 WE_{94} 9 25.7 258.°29 2.°6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.27	− 3 17.6	1.766	2.611	14.9	22.1
8 29	0 32.92	− 3 53.8	1.678	2.597	11.5	21.9
9 8	0 26.21	− 4 39.2	1.612	2.583	7.6	21.6
9 18	0 17.66	− 5 28.9	1.571	2.568	3.7	21.4
9 28	0 8.16	− 6 16.1	1.558	2.553	3.4	21.3
10 8	23 58.84	− 6 53.9	1.571	2.537	7.3	21.5
10 18	23 50.74	− 7 17.1	1.611	2.521	11.5	21.7
10 28	23 44.77	− 7 22.4	1.673	2.505	15.2	22.0

444312 2005 VL_{107} 9 25.7 351.°00 2.°8/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.36	+ 9 22.0	1.570	2.397	17.3	21.0
8 29	0 27.80	+ 9 30.7	1.490	2.390	13.9	20.8
9 8	0 22.91	+ 9 20.8	1.429	2.383	10.0	20.5
9 18	0 16.20	+ 8 53.0	1.390	2.378	5.7	20.3
9 28	0 8.60	+ 8 11.1	1.375	2.374	2.8	20.1
10 8	0 1.21	+ 7 21.5	1.387	2.370	5.6	20.2
10 18	23 55.11	+ 6 31.5	1.423	2.368	9.9	20.5
10 28	23 51.16	+ 5 48.7	1.483	2.367	13.9	20.7

118572 2000 GR_{12} 9 25.7 94.°39 1.°0/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.12	+ 1 11.4	1.628	2.466	16.3	20.5
8 29	0 33.37	+ 0 38.9	1.569	2.483	12.5	20.3
9 8	0 26.30	− 0 6.1	1.531	2.499	8.2	20.1
9 18	0 17.58	− 0 58.7	1.517	2.515	3.5	19.8
9 28	0 8.24	− 1 52.2	1.531	2.531	1.8	19.8
10 8	23 59.40	− 2 39.5	1.572	2.546	6.3	20.1
10 18	23 52.05	− 3 15.1	1.638	2.561	10.5	20.4
10 28	23 46.92	− 3 35.1	1.729	2.576	14.1	20.6

181972 1999 VD_{21} 9 25.7 266.°09 0.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.37	+ 3 59.1	1.620	2.455	16.5	20.8
8 29	0 31.72	+ 3 27.8	1.528	2.439	13.0	20.5
9 8	0 25.58	+ 2 39.5	1.457	2.423	8.7	20.2
9 18	0 17.45	+ 1 37.4	1.409	2.406	3.9	19.9
9 28	0 8.24	+ 0 28.1	1.388	2.389	1.3	19.7
10 8	23 59.15	− 0 40.2	1.394	2.372	6.4	20.0
10 18	23 51.34	− 1 39.2	1.426	2.355	11.2	20.2
10 28	23 45.76	− 2 22.4	1.480	2.338	15.5	20.4

134924 2000 YC_{115} 9 25.7 307.°60 3.°0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.37	− 1 36.7	1.314	2.181	17.7	19.5
8 29	0 30.59	− 2 31.6	1.238	2.169	13.7	19.2
9 8	0 25.01	− 3 41.9	1.182	2.158	9.0	18.9
9 18	0 17.22	− 5 0.6	1.149	2.147	4.3	18.6
9 28	0 8.32	− 6 17.5	1.140	2.136	4.1	18.6
10 8	23 59.68	− 7 22.0	1.156	2.126	8.8	18.9
10 18	23 52.61	− 8 6.0	1.195	2.116	13.8	19.1
10 28	23 48.12	− 8 24.9	1.255	2.106	18.1	19.3

488449 2016 YL_{10} 9 25.7 194.°91 3.°9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.84	+17 5.0	2.801	3.545	12.5	21.2
8 29	0 28.64	+17 13.6	2.705	3.543	10.4	21.1
9 8	0 22.92	+17 7.1	2.630	3.541	8.1	20.9
9 18	0 16.08	+16 45.6	2.580	3.539	5.7	20.8
9 28	0 8.69	+16 10.2	2.557	3.537	4.0	20.6
10 8	0 1.42	+15 24.4	2.563	3.534	4.5	20.7
10 18	23 54.93	+14 32.4	2.598	3.531	6.6	20.8
10 28	23 49.76	+13 39.3	2.660	3.528	9.1	21.0

301295 2009 BY_{123} 9 25.7 107.°31 1.°9/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.04	+ 8 21.4	1.938	2.746	15.2	21.0
8 29	0 30.87	+ 8 17.2	1.859	2.749	12.1	20.8
9 8	0 24.64	+ 7 57.5	1.801	2.753	8.5	20.6
9 18	0 16.90	+ 7 24.0	1.767	2.756	4.6	20.3
9 28	0 8.46	+ 6 40.5	1.760	2.759	1.9	20.2
10 8	0 0.28	+ 5 52.5	1.781	2.762	4.9	20.4
10 18	23 53.25	+ 5 6.1	1.829	2.765	8.7	20.6
10 28	23 48.11	+ 4 26.8	1.903	2.768	12.2	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
60962	2000 JB_{76}		9 25.7	106.°48	1.°4/24.6	18
	h m	° ′			°	m
8 19	0 39.01	+ 1 23.4	1.404	2.250	18.0	19.6
8 29	0 34.45	+ 0 39.8	1.346	2.264	13.8	19.4
9 8	0 27.22	− 0 19.0	1.307	2.278	9.0	19.2
9 18	0 18.07	− 1 26.8	1.293	2.291	3.9	18.9
9 28	0 8.15	− 2 35.3	1.304	2.304	2.3	18.8
10 8	23 58.81	− 3 35.3	1.342	2.316	7.2	19.2
10 18	23 51.17	− 4 20.1	1.404	2.328	11.9	19.5
10 28	23 46.07	− 4 45.4	1.489	2.340	15.8	19.8
65196	2002 CF_{280}		9 25.7	125.°35	0.°3/26.2	18
8 19	0 30.90	+ 6 12.6	2.268	3.082	13.0	20.2
8 29	0 27.36	+ 5 27.0	2.188	3.086	10.2	20.0
9 8	0 22.15	+ 4 27.4	2.130	3.090	6.8	19.8
9 18	0 15.75	+ 3 17.2	2.099	3.094	3.2	19.6
9 28	0 8.82	+ 2 1.5	2.096	3.098	0.8	19.4
10 8	0 2.11	+ 0 46.6	2.123	3.101	4.5	19.7
10 18	23 56.33	− 0 21.6	2.177	3.105	8.0	19.9
10 28	23 52.06	− 1 18.2	2.257	3.108	11.1	20.1
429806	2012 JB_{17}		9 25.7	161.°59	4.°3/21.8	17
8 19	0 36.91	− 5 56.9	1.606	2.462	15.6	21.8
8 29	0 32.65	− 7 7.2	1.540	2.466	11.9	21.6
9 8	0 25.98	− 8 25.6	1.497	2.468	8.0	21.4
9 18	0 17.53	− 9 44.4	1.479	2.471	4.7	21.2
9 28	0 8.31	−10 54.4	1.487	2.473	5.3	21.3
10 8	23 59.49	−11 47.5	1.522	2.475	8.8	21.5
10 18	23 52.11	−12 18.9	1.581	2.476	12.7	21.7
10 28	23 46.99	−12 26.6	1.662	2.477	16.1	21.9
72369	2001 CC_3		9 25.7	163.°04	1.°8/23.5	18
8 19	0 32.75	− 2 54.1	2.608	3.441	11.0	19.8
8 29	0 28.52	− 3 33.0	2.532	3.444	8.4	19.6
9 8	0 22.79	− 4 18.0	2.479	3.447	5.5	19.4
9 18	0 16.01	− 5 5.4	2.454	3.450	2.6	19.2
9 28	0 8.76	− 5 50.8	2.458	3.453	2.4	19.2
10 8	0 1.72	− 6 29.7	2.491	3.455	5.2	19.4
10 18	23 55.51	− 6 58.7	2.552	3.457	8.1	19.6
10 28	23 50.67	− 7 15.4	2.639	3.458	10.7	19.8
228106	2008 SZ_{229}		9 25.7	322.°97	1.°3/28.5	18
8 19	0 25.07	+10 20.9	4.224	5.001	8.1	20.2
8 29	0 22.17	+10 2.2	4.127	4.997	6.5	20.1
9 8	0 18.40	+ 9 35.0	4.053	4.993	4.6	19.9
9 18	0 14.01	+ 9 0.5	4.007	4.989	2.7	19.8
9 28	0 9.34	+ 8 20.6	3.989	4.986	1.4	19.7
10 8	0 4.75	+ 7 37.6	4.002	4.982	2.5	19.8
10 18	0 0.60	+ 6 54.4	4.045	4.979	4.4	19.9
10 28	23 57.21	+ 6 13.7	4.116	4.975	6.3	20.0
129073	Sandyfreund		9 25.7	221.°86	1.°3/27.4	18
8 19	0 32.25	+ 7 52.7	2.719	3.514	11.6	20.8
8 29	0 28.18	+ 7 38.0	2.624	3.508	9.2	20.6
9 8	0 22.63	+ 7 11.7	2.551	3.501	6.4	20.4
9 18	0 15.97	+ 6 35.3	2.504	3.494	3.4	20.2
9 28	0 8.77	+ 5 51.9	2.486	3.486	1.3	20.1
10 8	0 1.69	+ 5 5.5	2.498	3.478	3.8	20.2
10 18	23 55.37	+ 4 20.3	2.539	3.471	6.8	20.4
10 28	23 50.36	+ 3 40.6	2.607	3.462	9.6	20.6
41098	1999 VG_{63}		9 25.7	286.°35	0.°5/25.2	18
8 19	0 32.37	+ 1 49.7	2.206	3.035	12.9	20.0
8 29	0 28.61	+ 1 23.2	2.119	3.028	10.0	19.8
9 8	0 23.07	+ 0 46.3	2.054	3.020	6.6	19.6
9 18	0 16.21	+ 0 1.9	2.015	3.013	2.9	19.3
9 28	0 8.70	− 0 45.1	2.005	3.005	1.2	19.2
10 8	0 1.36	− 1 29.6	2.022	2.998	5.0	19.4
10 18	23 54.96	− 2 6.6	2.067	2.990	8.6	19.6
10 28	23 50.14	− 2 32.4	2.137	2.983	11.8	19.8
521979	2015 VR_{163}		9 25.7	329.°36	0.°2/25.9	18
8 19	0 33.17	+ 3 23.9	2.244	3.065	13.0	21.6
8 29	0 29.16	+ 3 12.0	2.160	3.062	10.1	21.5
9 8	0 23.40	+ 2 49.6	2.098	3.060	6.8	21.2
9 18	0 16.34	+ 2 19.1	2.062	3.058	3.1	21.0
9 28	0 8.67	+ 1 44.5	2.055	3.056	0.8	20.8
10 8	0 1.20	+ 1 10.2	2.075	3.054	4.6	21.1
10 18	23 54.68	+ 0 40.7	2.124	3.052	8.2	21.3
10 28	23 49.75	+ 0 19.9	2.198	3.051	11.3	21.5
449924	2015 OJ_{13}		9 25.8	48.°67	4.°2/21.7	18
8 19	0 34.17	− 7 24.0	1.817	2.674	14.0	20.9
8 29	0 30.25	− 8 21.5	1.752	2.677	10.7	20.7
9 8	0 24.24	− 9 24.2	1.710	2.681	7.2	20.5
9 18	0 16.73	−10 25.6	1.693	2.684	4.5	20.4
9 28	0 8.57	−11 18.3	1.703	2.687	5.0	20.4
10 8	0 0.77	−11 56.1	1.740	2.691	8.1	20.6
10 18	23 54.20	−12 15.1	1.802	2.695	11.5	20.8
10 28	23 49.58	−12 14.0	1.886	2.698	14.6	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
35634	1998 KS_{32}		9 25.8	6.°61	4.°6/30.6	18
	h m	° ′			°	m
8 19	0 30.74	+16 14.3	1.874	2.656	16.6	18.1
8 29	0 27.74	+16 17.9	1.792	2.656	13.8	17.9
9 8	0 22.68	+15 59.9	1.729	2.657	10.5	17.7
9 18	0 16.08	+15 20.3	1.689	2.659	7.1	17.5
9 28	0 8.75	+14 21.9	1.674	2.661	4.7	17.3
10 8	0 1.64	+13 10.5	1.685	2.663	5.6	17.4
10 18	23 55.67	+11 53.7	1.723	2.666	8.6	17.6
10 28	23 51.57	+10 39.7	1.786	2.669	12.0	17.8
392658	2011 US_{226}		9 25.8	350.°55	2.°7/23.4	18
8 19	0 35.19	− 4 5.1	1.754	2.605	14.7	20.3
8 29	0 31.17	− 4 35.4	1.681	2.603	11.3	20.1
9 8	0 24.94	− 5 13.1	1.630	2.602	7.4	19.9
9 18	0 17.07	− 5 53.2	1.604	2.600	3.7	19.6
9 28	0 8.47	− 6 29.5	1.604	2.599	3.4	19.6
10 8	0 0.18	− 6 55.9	1.632	2.598	7.1	19.9
10 18	23 53.17	− 7 8.2	1.685	2.598	11.0	20.1
10 28	23 48.19	− 7 4.2	1.761	2.598	14.4	20.3
450512	2006 AJ_{59}		9 25.8	261.°98	4.°7/ 1.0	18
8 19	0 33.71	+17 9.4	2.391	3.143	14.2	21.6
8 29	0 29.65	+17 29.9	2.294	3.136	11.9	21.4
9 8	0 23.80	+17 33.6	2.217	3.130	9.3	21.2
9 18	0 16.56	+17 19.8	2.164	3.123	6.6	21.0
9 28	0 8.62	+16 49.6	2.137	3.116	4.8	20.9
10 8	0 0.78	+16 6.2	2.139	3.109	5.3	21.0
10 18	23 53.83	+15 14.8	2.168	3.102	7.7	21.1
10 28	23 48.46	+14 21.3	2.223	3.095	10.4	21.3
317603	2002 XA_{112}		9 25.8	269.°40	1.°7/27.5	18
8 19	0 34.10	+ 8 9.1	2.103	2.909	14.2	21.3
8 29	0 30.17	+ 8 1.7	2.004	2.893	11.4	21.1
9 8	0 24.26	+ 7 39.6	1.926	2.878	8.0	20.9
9 18	0 16.81	+ 7 4.1	1.872	2.862	4.3	20.6
9 28	0 8.54	+ 6 18.5	1.847	2.846	1.7	20.4
10 8	0 0.35	+ 5 28.0	1.849	2.830	4.7	20.6
10 18	23 53.13	+ 4 38.4	1.879	2.814	8.6	20.8
10 28	23 47.64	+ 3 55.6	1.934	2.797	12.1	21.0
3315	Chant		9 25.8	149.°39	3.°0/22.4	18
8 19	0 33.49	− 3 22.3	1.981	2.827	13.5	16.9
8 29	0 29.57	− 4 33.7	1.911	2.832	10.2	16.7
9 8	0 23.73	− 5 54.1	1.865	2.836	6.7	16.5
9 18	0 16.49	− 7 17.3	1.845	2.840	3.5	16.3
9 28	0 8.66	− 8 35.6	1.854	2.844	3.8	16.4
10 8	0 1.13	− 9 42.1	1.890	2.848	7.1	16.6
10 18	23 54.70	−10 31.7	1.953	2.851	10.5	16.8
10 28	23 50.05	−11 1.4	2.039	2.854	13.5	17.0
279137	2009 RQ_{28}		9 25.8	7.°94	3.°5/28.4	18
8 19	0 28.04	+10 16.1	1.021	1.880	22.3	19.5
8 29	0 26.96	+10 23.4	0.963	1.881	18.0	19.2
9 8	0 22.82	+10 2.8	0.920	1.883	12.9	19.0
9 18	0 16.31	+ 9 15.5	0.897	1.888	7.4	18.7
9 28	0 8.71	+ 8 7.9	0.895	1.894	3.5	18.5
10 8	0 1.59	+ 6 51.4	0.915	1.901	6.9	18.7
10 18	23 56.34	+ 5 38.2	0.957	1.911	12.2	19.0
10 28	23 53.96	+ 4 39.0	1.019	1.922	17.1	19.4
366640	2003 SR_{202}		9 25.8	355.°40	0.°5/25.5	18
8 19	0 27.86	+ 0 6.2	0.824	1.725	22.3	20.6
8 29	0 27.46	+ 0 25.3	0.767	1.715	17.5	20.3
9 8	0 23.54	+ 0 28.8	0.726	1.707	11.7	20.0
9 18	0 16.75	+ 0 20.4	0.702	1.702	5.2	19.6
9 28	0 8.57	+ 0 7.1	0.698	1.699	1.8	19.4
10 8	0 0.86	− 0 2.1	0.713	1.699	8.6	19.8
10 18	23 55.32	+ 0 0.3	0.748	1.701	14.8	20.2
10 28	23 53.15	+ 0 19.5	0.800	1.706	20.1	20.5
76430	2000 FL_{23}		9 25.8	211.°79	6.°2/18.7	18
8 19	0 35.54	−15 26.5	2.185	3.037	12.2	19.8
8 29	0 31.05	−16 38.6	2.117	3.033	9.6	19.7
9 8	0 24.67	−17 50.0	2.073	3.028	7.3	19.5
9 18	0 16.92	−18 53.6	2.055	3.023	6.2	19.4
9 28	0 8.54	−19 42.5	2.065	3.018	7.1	19.5
10 8	0 0.44	−20 11.8	2.101	3.012	9.3	19.6
10 18	23 53.41	−20 19.3	2.162	3.006	11.9	19.8
10 28	23 48.12	−20 4.8	2.244	3.000	14.3	19.9
454038	2012 FW_{36}		9 25.8	310.°73	3.°2/22.4	18
8 19	0 34.44	− 7 28.1	2.242	3.088	12.1	21.2
8 29	0 30.12	− 7 59.4	2.165	3.083	9.3	21.0
9 8	0 24.01	− 8 34.2	2.111	3.079	6.2	20.8
9 18	0 16.62	− 9 8.0	2.083	3.075	3.6	20.7
9 28	0 8.63	− 9 35.9	2.083	3.071	3.8	20.7
10 8	0 0.89	− 9 53.4	2.112	3.067	6.6	20.9
10 18	23 54.13	− 9 57.6	2.167	3.063	9.7	21.0
10 28	23 49.01	− 9 47.1	2.246	3.059	12.5	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
195275	2002 EQ_{66}		9 25.8	199.°10	0.°2/25.9	18
	h m	° ′			°	m
8 19	0 36.72	+ 3 53.9	2.153	2.968	13.6	21.7
8 29	0 32.00	+ 3 33.3	2.066	2.965	10.7	21.5
9 8	0 25.35	+ 3 0.8	2.001	2.961	7.2	21.3
9 18	0 17.24	+ 2 19.1	1.962	2.957	3.3	21.0
9 28	0 8.45	+ 1 32.5	1.951	2.952	0.9	20.8
10 8	23 59.85	+ 0 46.4	1.970	2.947	4.9	21.1
10 18	23 52.28	+ 0 6.0	2.016	2.942	8.7	21.4
10 28	23 46.46	− 0 24.3	2.088	2.935	12.0	21.6
106594	2000 WW_{108}		9 25.8	315.°00	2.°8/23.9	18
8 19	0 39.15	− 3 51.7	1.292	2.155	18.2	20.1
8 29	0 35.14	− 4 6.9	1.219	2.146	14.2	19.8
9 8	0 28.09	− 4 31.2	1.165	2.138	9.4	19.5
9 18	0 18.65	− 4 59.1	1.133	2.130	4.5	19.2
9 28	0 8.03	− 5 23.1	1.126	2.123	3.7	19.1
10 8	23 57.76	− 5 36.0	1.143	2.116	8.5	19.4
10 18	23 49.24	− 5 32.8	1.185	2.109	13.5	19.7
10 28	23 43.54	− 5 10.9	1.247	2.102	17.9	19.9
520215	2014 DY_{151}		9 25.8	221.°43	1.°0/26.8	18
8 19	0 34.73	+ 6 57.9	2.167	2.974	13.8	22.3
8 29	0 30.52	+ 6 33.1	2.073	2.966	10.9	22.1
9 8	0 24.41	+ 5 53.8	2.002	2.957	7.5	21.9
9 18	0 16.85	+ 5 2.1	1.956	2.948	3.7	21.7
9 28	0 8.56	+ 4 2.5	1.938	2.939	1.1	21.4
10 8	0 0.43	+ 3 0.6	1.949	2.929	4.7	21.7
10 18	23 53.27	+ 2 2.5	1.989	2.919	8.5	21.9
10 28	23 47.80	+ 1 13.8	2.054	2.908	11.9	22.1
358346	2006 WR_{19}		9 25.8	178.°10	1.°2/27.2	18
8 19	0 31.86	+ 8 29.5	2.252	3.056	13.5	21.5
8 29	0 28.16	+ 7 53.6	2.167	3.057	10.6	21.3
9 8	0 22.75	+ 7 2.2	2.104	3.057	7.4	21.1
9 18	0 16.07	+ 5 58.1	2.066	3.058	3.7	20.9
9 28	0 8.81	+ 4 45.7	2.057	3.058	1.2	20.7
10 8	0 1.75	+ 3 31.3	2.077	3.058	4.4	20.9
10 18	23 55.63	+ 2 21.0	2.125	3.057	7.9	21.1
10 28	23 51.07	+ 1 20.3	2.199	3.057	11.1	21.3
511729	2015 DB_{31}		9 25.8	284.°55	3.°7/23.1	17
8 19	0 38.00	− 4 56.8	1.418	2.279	17.0	21.6
8 29	0 34.04	− 5 33.6	1.339	2.266	13.2	21.4
9 8	0 27.27	− 6 19.6	1.281	2.254	8.8	21.1
9 18	0 18.27	− 7 8.4	1.246	2.242	4.6	20.8
9 28	0 8.15	− 7 51.6	1.237	2.230	4.6	20.8
10 8	23 58.28	− 8 21.0	1.253	2.218	8.9	21.0
10 18	23 49.98	− 8 31.2	1.292	2.206	13.5	21.3
10 28	23 44.27	− 8 19.8	1.353	2.194	17.6	21.5
178857	2001 KD_{20}		9 25.8	29.°98	5.°7/21.8	18
8 19	0 33.24	− 6 39.7	1.020	1.911	19.8	18.6
8 29	0 30.63	− 7 48.8	0.984	1.927	15.1	18.4
9 8	0 24.95	− 9 5.5	0.966	1.944	10.1	18.2
9 18	0 17.11	−10 18.6	0.968	1.962	6.1	18.1
9 28	0 8.55	−11 16.1	0.994	1.982	6.8	18.2
10 8	0 0.82	−11 49.3	1.042	2.003	10.9	18.5
10 18	23 55.13	−11 54.7	1.111	2.024	15.2	18.8
10 28	23 52.28	−11 32.9	1.198	2.047	19.0	19.1
309752	2008 VG_6		9 25.8	332.°95	6.°3/22.0	18
8 19	0 41.01	−12 54.9	1.388	2.254	17.0	19.4
8 29	0 36.41	−13 13.0	1.316	2.242	13.4	19.1
9 8	0 28.82	−13 29.8	1.263	2.231	9.6	18.9
9 18	0 18.95	−13 37.8	1.233	2.220	6.6	18.7
9 28	0 7.99	−13 29.4	1.229	2.210	7.1	18.7
10 8	23 57.45	−12 59.8	1.249	2.201	10.5	18.9
10 18	23 48.65	−12 7.8	1.292	2.193	14.6	19.1
10 28	23 42.63	−10 55.3	1.356	2.185	18.3	19.3
285018	2011 CA_{71}		9 25.8	34.°20	0.°0/25.8	18
8 19	0 33.85	+ 2 11.2	2.426	3.246	12.2	20.6
8 29	0 29.51	+ 2 6.3	2.346	3.249	9.4	20.4
9 8	0 23.55	+ 1 52.9	2.289	3.252	6.3	20.2
9 18	0 16.41	+ 1 33.3	2.259	3.255	2.8	20.0
9 28	0 8.75	+ 1 10.7	2.257	3.258	0.8	19.9
10 8	0 1.30	+ 0 49.0	2.284	3.262	4.3	20.1
10 18	23 54.76	+ 0 31.7	2.339	3.265	7.6	20.4
10 28	23 49.70	+ 0 21.8	2.420	3.269	10.5	20.6
433035	2012 SZ_{18}		9 25.8	42.°75	1.°8/27.2	16
8 19	0 35.76	+ 7 16.1	1.381	2.216	18.8	20.9
8 29	0 32.02	+ 7 15.0	1.324	2.231	14.9	20.7
9 8	0 25.66	+ 6 54.8	1.287	2.247	10.3	20.5
9 18	0 17.43	+ 6 18.1	1.271	2.264	5.3	20.2
9 28	0 8.46	+ 5 30.6	1.281	2.281	1.9	20.1
10 8	0 0.04	+ 4 40.1	1.316	2.299	5.9	20.4
10 18	23 53.27	+ 3 54.2	1.376	2.317	10.5	20.7
10 28	23 48.96	+ 3 19.5	1.459	2.335	14.5	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
284540	2007 RA_{217}		9 25.8	12.°54	0.°8/25.2	18
	h m	° ′			°	m
8 19	0 33.38	+ 0 31.7	1.246	2.112	18.6	20.2
8 29	0 30.49	+ 0 25.8	1.187	2.116	14.4	19.9
9 8	0 24.84	+ 0 6.4	1.147	2.121	9.5	19.7
9 18	0 17.13	− 0 22.0	1.129	2.128	4.1	19.4
9 28	0 8.54	− 0 52.9	1.135	2.136	1.8	19.2
10 8	0 0.46	− 1 18.7	1.165	2.145	7.1	19.6
10 18	23 54.08	− 1 33.4	1.219	2.155	12.0	19.9
10 28	23 50.28	− 1 32.9	1.293	2.167	16.2	20.2
107527	2001 DP_{61}		9 25.8	113.°49	0.°5/26.2	17
8 19	0 38.07	+ 5 47.6	1.671	2.493	16.6	20.5
8 29	0 33.36	+ 5 14.4	1.608	2.510	13.0	20.3
9 8	0 26.35	+ 4 24.5	1.564	2.526	8.7	20.1
9 18	0 17.70	+ 3 21.9	1.546	2.541	4.0	19.8
9 28	0 8.39	+ 2 13.1	1.554	2.556	1.0	19.6
10 8	23 59.55	+ 1 5.9	1.591	2.570	5.6	20.0
10 18	23 52.14	+ 0 7.4	1.654	2.584	9.9	20.3
10 28	23 46.93	− 0 36.9	1.741	2.597	13.6	20.6
395880	2013 AM_{35}		9 25.8	161.°68	0.°3/25.5	18
8 19	0 35.45	+ 2 17.0	2.035	2.861	13.9	21.5
8 29	0 31.08	+ 1 58.3	1.956	2.862	10.8	21.3
9 8	0 24.76	+ 1 28.6	1.899	2.863	7.2	21.1
9 18	0 17.00	+ 0 51.1	1.868	2.865	3.2	20.9
9 28	0 8.58	+ 0 10.4	1.865	2.866	1.1	20.7
10 8	0 0.42	− 0 28.2	1.890	2.867	5.2	21.0
10 18	23 53.36	− 0 59.7	1.942	2.868	9.0	21.2
10 28	23 48.08	− 1 20.3	2.019	2.868	12.3	21.5
18481	1995 YH		9 25.8	15.°62	4.°9/30.9	18 R
8 19	0 31.14	+16 41.4	1.833	2.613	16.9	16.9
8 29	0 28.10	+16 49.5	1.754	2.616	14.1	16.7
9 8	0 22.96	+16 35.6	1.694	2.620	10.8	16.5
9 18	0 16.25	+15 59.5	1.656	2.624	7.4	16.3
9 28	0 8.80	+15 3.8	1.643	2.629	5.0	16.2
10 8	0 1.60	+13 54.4	1.657	2.634	5.8	16.3
10 18	23 55.58	+12 38.9	1.697	2.640	8.8	16.5
10 28	23 51.49	+11 25.6	1.762	2.646	12.1	16.7
408547	2013 JX_{61}		9 25.8	82.°59	1.°6/27.8	18
8 19	0 30.85	+ 9 35.2	2.325	3.124	13.2	21.3
8 29	0 27.32	+ 9 6.8	2.244	3.130	10.5	21.1
9 8	0 22.15	+ 8 23.4	2.186	3.136	7.4	20.9
9 18	0 15.80	+ 7 27.3	2.153	3.142	4.0	20.7
9 28	0 8.94	+ 6 22.5	2.148	3.148	1.6	20.6
10 8	0 2.30	+ 5 14.5	2.172	3.154	4.1	20.8
10 18	23 56.57	+ 4 9.3	2.225	3.160	7.4	21.0
10 28	23 52.33	+ 3 11.9	2.303	3.166	10.5	21.2
186443	2002 SC_{12}		9 25.8	197.°34	2.°1/23.9	18
8 19	0 37.85	− 1 33.2	1.787	2.627	15.0	20.5
8 29	0 33.24	− 2 13.4	1.709	2.625	11.5	20.3
9 8	0 26.36	− 3 4.0	1.653	2.622	7.6	20.0
9 18	0 17.76	− 4 0.1	1.622	2.620	3.5	19.8
9 28	0 8.37	− 4 54.8	1.619	2.616	2.8	19.7
10 8	23 59.26	− 5 41.3	1.644	2.612	6.8	20.0
10 18	23 51.44	− 6 14.1	1.695	2.608	10.9	20.2
10 28	23 45.70	− 6 29.9	1.769	2.603	14.4	20.4
321407	2009 QB_4		9 25.8	253.°45	0.°1/25.7	18
8 19	0 36.94	+ 1 23.8	2.349	3.166	12.6	20.5
8 29	0 32.01	+ 1 26.5	2.260	3.162	9.8	20.3
9 8	0 25.29	+ 1 21.3	2.195	3.156	6.5	20.1
9 18	0 17.23	+ 1 10.3	2.155	3.151	2.9	19.9
9 28	0 8.53	+ 0 56.5	2.145	3.146	0.9	19.7
10 8	0 0.01	+ 0 43.6	2.164	3.141	4.6	20.0
10 18	23 52.43	+ 0 35.0	2.211	3.136	8.1	20.2
10 28	23 46.45	+ 0 33.6	2.284	3.130	11.2	20.4
173183	1998 FN_{51}		9 25.8	171.°75	1.°5/24.5	17
8 19	0 39.24	− 0 4.0	1.778	2.611	15.3	20.9
8 29	0 34.27	− 0 38.7	1.703	2.615	11.8	20.7
9 8	0 27.01	− 1 24.8	1.650	2.617	7.7	20.4
9 18	0 18.04	− 2 17.5	1.622	2.619	3.4	20.2
9 28	0 8.31	− 3 10.6	1.622	2.621	2.2	20.1
10 8	23 58.91	− 3 57.1	1.650	2.622	6.4	20.4
10 18	23 50.84	− 4 31.6	1.705	2.622	10.6	20.6
10 28	23 44.91	− 4 50.4	1.783	2.622	14.2	20.9
259891	2004 DJ_{47}		9 25.8	149.°32	0.°3/25.5	17
8 19	0 37.11	+ 3 41.3	1.801	2.627	15.5	21.4
8 29	0 32.56	+ 3 5.2	1.728	2.634	12.0	21.2
9 8	0 25.83	+ 2 14.8	1.676	2.641	8.0	21.0
9 18	0 17.50	+ 1 13.9	1.650	2.647	3.5	20.7
9 28	0 8.46	+ 0 9.0	1.651	2.652	1.2	20.6
10 8	23 59.77	− 0 52.9	1.681	2.658	5.7	20.9
10 18	23 52.37	− 1 45.2	1.737	2.662	9.9	21.2
10 28	23 47.00	− 2 23.2	1.818	2.666	13.5	21.4

424580 2008 GJ_{37} 9 25.8 70.°15 1.°4/24.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.66	+ 1 8.5	1.443	2.291	17.4	21.6
8 29	0 32.53	+ 0 24.7	1.389	2.309	13.4	21.4
9 8	0 25.91	− 0 33.1	1.355	2.326	8.7	21.2
9 18	0 17.52	− 1 39.0	1.345	2.344	3.7	20.9
9 28	0 8.48	− 2 44.8	1.362	2.361	2.3	20.9
10 8	0 0.01	− 3 42.0	1.404	2.379	6.9	21.2
10 18	23 53.15	− 4 24.3	1.472	2.396	11.4	21.5
10 28	23 48.66	− 4 47.8	1.562	2.414	15.1	21.8

110457 2001 TT_{45} 9 25.8 54.°84 0.°5/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.69	+ 5 23.5	1.077	1.933	21.6	19.8
8 29	0 34.01	+ 4 59.2	1.031	1.952	16.8	19.6
9 8	0 27.19	+ 4 13.0	1.003	1.973	11.2	19.4
9 18	0 18.15	+ 3 10.2	0.996	1.993	5.1	19.1
9 28	0 8.32	+ 2 0.0	1.013	2.014	1.3	18.9
10 8	23 59.30	+ 0 53.6	1.053	2.036	7.2	19.4
10 18	23 52.39	+ 0 0.2	1.117	2.057	12.5	19.8
10 28	23 48.43	− 0 34.0	1.201	2.079	17.0	20.1

515569 2014 HL_{47} 9 25.8 57.°76 3.°2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.47	− 5 8.2	1.855	2.707	14.0	21.5
8 29	0 30.46	− 5 55.7	1.788	2.711	10.7	21.3
9 8	0 24.40	− 6 49.9	1.743	2.714	7.1	21.1
9 18	0 16.85	− 7 45.2	1.724	2.718	3.8	20.9
9 28	0 8.67	− 8 34.7	1.731	2.722	4.0	20.9
10 8	0 0.82	− 9 12.4	1.766	2.726	7.3	21.1
10 18	23 54.18	− 9 34.1	1.827	2.730	10.8	21.4
10 28	23 49.44	− 9 37.9	1.910	2.734	14.0	21.6

265062 2003 SZ_{40} 9 25.8 282.°75 1.°4/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.96	− 3 49.6	2.440	3.261	12.0	20.2
8 29	0 35.17	− 3 42.8	2.334	3.239	9.4	20.0
9 8	0 27.46	− 3 39.8	2.253	3.217	6.2	19.8
9 18	0 18.25	− 3 38.1	2.198	3.195	2.8	19.5
9 28	0 8.24	− 3 34.7	2.174	3.172	1.9	19.4
10 8	23 58.30	− 3 26.4	2.180	3.150	5.3	19.6
10 18	23 49.25	− 3 10.8	2.215	3.127	8.8	19.8
10 28	23 41.85	− 2 46.3	2.277	3.104	11.9	20.0

253330 2003 ER_{63} 9 25.8 216.°49 1.°3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.11	− 4 53.7	4.556	5.386	6.7	20.6
8 29	0 22.87	− 5 19.3	4.473	5.385	5.1	20.4
9 8	0 18.84	− 5 47.4	4.416	5.384	3.3	20.3
9 18	0 14.25	− 6 16.0	4.388	5.383	1.7	20.2
9 28	0 9.42	− 6 42.9	4.390	5.382	1.7	20.2
10 8	0 4.68	− 7 5.9	4.421	5.380	3.3	20.3
10 18	0 0.35	− 7 23.4	4.482	5.379	5.1	20.4
10 28	23 56.74	− 7 33.9	4.569	5.378	6.7	20.6

326167 2012 BD_{102} 9 25.8 248.°72 3.°9/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.60	+14 10.0	2.263	3.034	14.4	21.0
8 29	0 30.41	+14 26.4	2.170	3.030	11.9	20.8
9 8	0 24.35	+14 26.9	2.098	3.026	9.0	20.6
9 18	0 16.86	+14 11.1	2.050	3.021	6.0	20.4
9 28	0 8.66	+13 40.7	2.029	3.017	3.9	20.3
10 8	0 0.60	+12 59.5	2.037	3.012	5.0	20.4
10 18	23 53.48	+12 12.7	2.072	3.008	7.8	20.5
10 28	23 48.03	+11 26.3	2.132	3.003	10.8	20.7

255078 2005 UU_{21} 9 25.8 154.°71 0.°3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.36	+ 1 58.9	2.274	3.097	12.8	21.4
8 29	0 30.03	+ 1 39.5	2.194	3.099	9.9	21.2
9 8	0 23.97	+ 1 10.4	2.137	3.101	6.5	21.0
9 18	0 16.64	+ 0 34.5	2.106	3.103	2.9	20.8
9 28	0 8.75	− 0 4.0	2.104	3.105	1.0	20.6
10 8	0 1.08	− 0 40.3	2.130	3.106	4.8	20.9
10 18	23 54.37	− 1 10.1	2.184	3.108	8.2	21.1
10 28	23 49.25	− 1 30.1	2.264	3.109	11.3	21.3

436382 2010 RQ_{74} 9 25.8 310.°30 5.°4/15.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.30	−27 21.3	4.195	5.017	7.4	21.1
8 29	0 26.92	−27 56.9	4.137	5.014	6.3	21.0
9 8	0 21.52	−28 26.4	4.105	5.011	5.6	20.9
9 18	0 15.45	−28 46.5	4.098	5.008	5.4	20.9
9 28	0 9.10	−28 54.6	4.119	5.004	5.9	20.9
10 8	0 2.94	−28 49.1	4.166	5.001	6.9	21.0
10 18	23 57.36	−28 29.7	4.238	4.998	8.0	21.1
10 28	23 52.75	−27 56.7	4.331	4.995	9.1	21.2

79930 1999 CL_{57} 9 25.8 300.°03 2.°4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.02	− 1 8.8	1.803	2.655	14.4	19.1
8 29	0 28.12	− 2 10.2	1.712	2.635	11.1	18.9
9 8	0 23.08	− 3 25.0	1.642	2.615	7.3	18.6
9 18	0 16.38	− 4 47.5	1.598	2.595	3.4	18.3
9 28	0 8.80	− 6 10.0	1.581	2.576	3.3	18.3
10 8	0 1.33	− 7 24.0	1.590	2.557	7.2	18.5
10 18	23 54.93	− 8 22.3	1.626	2.538	11.4	18.7
10 28	23 50.43	− 9 0.1	1.684	2.519	15.0	18.9

446122 2013 EG_{12} 9 25.8 164.°32 0.°3/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.11	+ 3 45.0	2.256	3.071	13.1	22.0
8 29	0 30.64	+ 3 30.9	2.174	3.074	10.2	21.8
9 8	0 24.40	+ 3 6.2	2.115	3.075	6.8	21.6
9 18	0 16.85	+ 2 33.2	2.082	3.077	3.1	21.3
9 28	0 8.71	+ 1 55.8	2.077	3.079	0.8	21.2
10 8	0 0.79	+ 1 18.7	2.102	3.080	4.6	21.5
10 18	23 53.85	+ 0 46.4	2.154	3.081	8.1	21.7
10 28	23 48.54	+ 0 22.9	2.232	3.082	11.3	21.9

487052 2014 OP_{57} 9 25.8 23.°34 4.°9/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.31	+14 36.7	1.971	2.747	16.1	21.1
8 29	0 31.95	+15 20.0	1.892	2.752	13.3	21.0
9 8	0 25.47	+15 46.4	1.833	2.758	10.2	20.8
9 18	0 17.39	+15 54.7	1.797	2.764	7.1	20.6
9 28	0 8.55	+15 45.7	1.787	2.770	5.0	20.5
10 8	23 59.93	+15 22.9	1.805	2.777	5.9	20.6
10 18	23 52.47	+14 51.5	1.849	2.784	8.6	20.7
10 28	23 46.95	+14 17.7	1.917	2.792	11.7	21.0

83215 2001 RT_{23} 9 25.8 277.°13 1.°4/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.33	+ 5 52.9	2.020	2.833	14.5	19.5
8 29	0 31.97	+ 5 59.1	1.926	2.821	11.5	19.3
9 8	0 25.52	+ 5 52.8	1.854	2.810	8.0	19.0
9 18	0 17.44	+ 5 35.5	1.806	2.798	4.1	18.8
9 28	0 8.53	+ 5 10.0	1.786	2.786	1.4	18.6
10 8	23 59.73	+ 4 41.1	1.794	2.774	4.9	18.8
10 18	23 51.98	+ 4 13.6	1.829	2.763	8.9	19.0
10 28	23 46.07	+ 3 52.5	1.889	2.751	12.5	19.2

364469 2007 CJ_{57} 9 25.8 152.°35 6.°0/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.34	−19 54.2	2.951	3.793	9.6	22.1
8 29	0 28.87	−21 15.9	2.900	3.802	7.8	22.0
9 8	0 23.00	−22 33.8	2.874	3.811	6.4	21.9
9 18	0 16.17	−23 42.2	2.875	3.819	6.0	21.9
9 28	0 8.93	−24 36.2	2.905	3.826	6.8	21.9
10 8	0 1.94	−25 12.4	2.961	3.833	8.3	22.1
10 18	23 55.75	−25 29.4	3.043	3.840	10.0	22.2
10 28	23 50.87	−25 27.3	3.146	3.846	11.6	22.3

428595 2008 EG_{57} 9 25.8 303.°21 3.°0/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.37	− 3 30.1	1.357	2.219	17.6	20.7
8 29	0 33.70	− 3 57.7	1.279	2.207	13.7	20.4
9 8	0 27.14	− 4 35.9	1.221	2.195	9.1	20.1
9 18	0 18.30	− 5 18.6	1.186	2.183	4.4	19.9
9 28	0 8.29	− 5 57.9	1.175	2.172	3.9	19.8
10 8	23 58.55	− 6 25.7	1.190	2.161	8.5	20.0
10 18	23 50.40	− 6 36.3	1.229	2.150	13.4	20.3
10 28	23 44.92	− 6 26.4	1.288	2.140	17.7	20.5

383265 2006 DT_{57} 9 25.8 205.°08 0.°9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.65	+ 6 10.4	2.189	2.994	13.8	22.2
8 29	0 31.98	+ 5 54.8	2.098	2.989	10.9	22.0
9 8	0 25.38	+ 5 26.2	2.029	2.984	7.4	21.7
9 18	0 17.34	+ 4 46.4	1.986	2.979	3.7	21.5
9 28	0 8.58	+ 3 59.4	1.971	2.972	1.1	21.3
10 8	23 59.99	+ 3 10.5	1.986	2.966	4.7	21.6
10 18	23 52.41	+ 2 25.0	2.029	2.958	8.4	21.8
10 28	23 46.54	+ 1 47.9	2.097	2.950	11.8	22.0

324163 2005 YP_{251} 9 25.8 59.°32 2.°9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.25	+12 39.6	2.301	3.083	13.8	20.5
8 29	0 28.50	+12 36.1	2.214	3.084	11.3	20.4
9 8	0 23.02	+12 16.6	2.149	3.085	8.3	20.2
9 18	0 16.26	+11 42.0	2.108	3.087	5.1	20.0
9 28	0 8.90	+10 55.0	2.095	3.088	3.0	19.9
10 8	0 1.73	+10 0.3	2.110	3.089	4.4	20.0
10 18	23 55.48	+ 9 3.4	2.152	3.090	7.5	20.2
10 28	23 50.80	+ 8 10.2	2.221	3.092	10.5	20.4

309533 2007 YC_{8} 9 25.8 269.°85 1.°0/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.22	+ 6 35.2	1.980	2.797	14.6	21.2
8 29	0 29.54	+ 6 14.2	1.893	2.791	11.5	21.0
9 8	0 23.86	+ 5 38.1	1.827	2.786	7.9	20.8
9 18	0 16.69	+ 4 49.4	1.787	2.780	3.9	20.5
9 28	0 8.78	+ 3 52.7	1.773	2.774	1.1	20.3
10 8	0 1.05	+ 2 54.0	1.788	2.769	4.9	20.6
10 18	23 54.39	+ 1 59.7	1.830	2.763	8.9	20.8
10 28	23 49.51	+ 1 15.4	1.896	2.757	12.4	21.0

392197 2009 SQ_{163} 9 25.8 345.°79 1.°3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.98	+10 19.6	4.332	5.108	7.9	20.8
8 29	0 22.11	+ 9 56.0	4.237	5.108	6.3	20.7
9 8	0 18.40	+ 9 24.0	4.167	5.107	4.5	20.5
9 18	0 14.10	+ 8 44.8	4.123	5.106	2.6	20.4
9 28	0 9.53	+ 8 0.4	4.109	5.106	1.3	20.3
10 8	0 5.05	+ 7 13.3	4.125	5.106	2.4	20.4
10 18	0 1.00	+ 6 26.3	4.171	5.105	4.3	20.5
10 28	23 57.68	+ 5 42.0	4.246	5.105	6.2	20.7

130128 Tarafisher 9 25.8 338.°69 5.°4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.86	+18 41.2	2.010	2.773	16.2	19.7
8 29	0 27.83	+18 52.9	1.920	2.767	13.7	19.5
9 8	0 22.80	+18 43.3	1.848	2.762	10.8	19.3
9 18	0 16.24	+18 11.3	1.798	2.757	7.8	19.1
9 28	0 8.90	+17 18.7	1.773	2.752	5.6	19.0
10 8	0 1.73	+16 10.2	1.775	2.748	6.0	19.0
10 18	23 55.59	+14 52.8	1.804	2.744	8.5	19.2
10 28	23 51.25	+13 34.8	1.858	2.741	11.6	19.3

201079 2002 FY_{25} 9 25.8 44.°72 9.°8/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.46	−20 9.9	1.453	2.323	16.2	19.1
8 29	0 33.23	−21 37.0	1.416	2.335	13.2	19.0
9 8	0 26.39	−22 56.1	1.400	2.348	10.8	18.9
9 18	0 17.76	−23 56.6	1.406	2.362	9.8	18.8
9 28	0 8.52	−24 29.6	1.437	2.375	10.9	18.9
10 8	23 59.98	−24 30.8	1.490	2.390	13.2	19.1
10 18	23 53.19	−24 0.9	1.564	2.404	15.9	19.3
10 28	23 48.86	−23 3.6	1.657	2.419	18.3	19.6

437515 2013 YF_{91} 9 25.8 44.°37 5.°7/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.45	+15 47.7	1.555	2.344	19.1	20.4
8 29	0 32.55	+16 22.4	1.487	2.354	15.9	20.2
9 8	0 26.10	+16 34.4	1.436	2.365	12.2	20.0
9 18	0 17.74	+16 22.2	1.407	2.376	8.4	19.8
9 28	0 8.51	+15 47.8	1.402	2.387	5.8	19.7
10 8	23 59.66	+14 56.8	1.423	2.398	6.7	19.8
10 18	23 52.31	+13 57.3	1.469	2.410	10.0	20.0
10 28	23 47.33	+12 58.5	1.539	2.423	13.5	20.2

190232 2006 VF_{54} 9 25.8 223.°71 2.°5/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.47	− 3 14.9	1.617	2.463	16.0	21.0
8 29	0 34.77	− 3 41.6	1.541	2.460	12.3	20.7
9 8	0 27.53	− 4 17.1	1.486	2.456	8.1	20.5
9 18	0 18.38	− 4 56.3	1.455	2.452	3.9	20.2
9 28	0 8.33	− 5 32.5	1.452	2.448	3.3	20.2
10 8	23 58.59	− 5 59.1	1.475	2.444	7.4	20.4
10 18	23 50.30	− 6 11.5	1.524	2.439	11.7	20.7
10 28	23 44.34	− 6 6.9	1.595	2.434	15.5	20.9

262595 2006 VK_{111} 9 25.8 232.°58 3.°2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.93	− 6 47.5	2.175	3.018	12.5	21.0
8 29	0 31.37	− 7 21.9	2.096	3.014	9.6	20.8
9 8	0 24.93	− 8 0.6	2.041	3.010	6.4	20.6
9 18	0 17.13	− 8 39.0	2.012	3.005	3.6	20.5
9 28	0 8.70	− 9 11.7	2.012	3.000	3.8	20.5
10 8	0 0.51	− 9 34.0	2.039	2.996	6.7	20.6
10 18	23 53.35	− 9 42.6	2.094	2.991	9.9	20.8
10 28	23 47.90	− 9 35.9	2.172	2.986	12.8	21.0

470754 2008 UK_{147} 9 25.8 338.°81 1.°9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.56	− 1 30.5	1.327	2.192	17.7	20.5
8 29	0 30.75	− 1 46.9	1.251	2.181	13.7	20.3
9 8	0 25.18	− 2 15.3	1.195	2.170	9.1	20.0
9 18	0 17.43	− 2 50.6	1.161	2.160	4.1	19.7
9 28	0 8.59	− 3 25.8	1.152	2.151	2.8	19.6
10 8	0 0.02	− 3 53.1	1.167	2.143	7.7	19.8
10 18	23 53.00	− 4 6.3	1.205	2.136	12.7	20.1
10 28	23 48.54	− 4 1.5	1.264	2.130	17.1	20.4

91709 1999 TG_{148} 9 25.8 32.°15 0.°3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.05	+ 2 28.0	1.999	2.830	13.9	19.6
8 29	0 29.27	+ 2 5.2	1.925	2.834	10.8	19.4
9 8	0 23.59	+ 1 31.0	1.873	2.838	7.1	19.2
9 18	0 16.54	+ 0 48.8	1.846	2.843	3.1	18.9
9 28	0 8.87	+ 0 3.5	1.846	2.847	1.1	18.8
10 8	0 1.48	− 0 39.3	1.875	2.852	5.1	19.1
10 18	23 55.17	− 1 14.6	1.930	2.857	8.9	19.3
10 28	23 50.61	− 1 38.3	2.010	2.862	12.2	19.5

215407 2002 EK_{115} 9 25.8 212.°07 0.°7/24.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.71	− 1 13.1	4.729	5.549	6.6	20.6
8 29	0 22.57	− 1 35.9	4.642	5.547	5.1	20.5
9 8	0 18.67	− 2 2.3	4.580	5.545	3.3	20.3
9 18	0 14.22	− 2 30.8	4.546	5.543	1.4	20.2
9 28	0 9.54	− 2 59.2	4.543	5.541	1.0	20.2
10 8	0 4.93	− 3 25.4	4.570	5.539	2.8	20.3
10 18	0 0.72	− 3 47.6	4.626	5.537	4.6	20.4
10 28	23 57.18	− 4 4.2	4.710	5.534	6.2	20.6

345846 2007 NU_1 9 25.8 32.°72 7.°0/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.86	+20 19.0	1.396	2.179	21.2	20.2
8 29	0 29.24	+20 38.3	1.334	2.193	17.9	20.0
9 8	0 24.00	+20 27.2	1.289	2.207	14.1	19.8
9 18	0 16.82	+19 44.6	1.264	2.223	10.3	19.6
9 28	0 8.81	+18 33.2	1.261	2.239	7.4	19.5
10 8	0 1.25	+17 1.5	1.282	2.256	7.5	19.5
10 18	23 55.31	+15 20.5	1.328	2.274	10.4	19.8
10 28	23 51.80	+13 42.2	1.397	2.292	13.9	20.0

468001 2012 UG_{166} 9 25.8 281.°07 7.°8/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.72	−44 19.5	4.375	5.122	8.3	20.5
8 29	0 30.41	−45 4.6	4.346	5.120	7.9	20.5
9 8	0 23.88	−45 37.8	4.338	5.118	7.8	20.5
9 18	0 16.53	−45 55.6	4.353	5.117	7.9	20.5
9 28	0 8.91	−45 55.7	4.390	5.115	8.4	20.5
10 8	0 1.58	−45 37.3	4.447	5.113	9.0	20.6
10 18	23 55.06	−45 0.9	4.524	5.111	9.6	20.7
10 28	23 49.78	−44 8.1	4.617	5.109	10.2	20.7

205434 2001 KV_{27} 9 25.8 53.°31 4.°0/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.04	− 6 28.9	1.530	2.389	16.1	19.5
8 29	0 33.27	− 7 19.4	1.493	2.418	12.2	19.3
9 8	0 26.21	− 8 14.7	1.476	2.448	8.1	19.2
9 18	0 17.63	− 9 7.6	1.485	2.478	4.6	19.0
9 28	0 8.62	− 9 50.5	1.519	2.508	4.8	19.1
10 8	0 0.31	−10 17.6	1.580	2.538	8.1	19.4
10 18	23 53.62	−10 26.2	1.666	2.568	11.7	19.7
10 28	23 49.17	−10 15.7	1.773	2.598	14.8	19.9

469825 2005 SG_{209} 9 25.8 311.°59 7.°9/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 50.77	+10 49.3	1.407	2.200	20.6	20.4
8 29	0 45.10	+12 57.8	1.298	2.170	17.5	20.1
9 8	0 35.62	+15 1.2	1.209	2.140	13.7	19.8
9 18	0 22.58	+16 52.9	1.143	2.111	9.9	19.5
9 28	0 7.02	+18 25.6	1.102	2.082	7.9	19.3
10 8	23 50.74	+19 34.6	1.089	2.054	9.9	19.3
10 18	23 35.82	+20 20.3	1.101	2.026	14.2	19.4
10 28	23 24.13	+20 49.0	1.135	1.999	18.7	19.6

55032 2001 QX_{47} 9 25.8 301.°93 0.°7/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.55	+ 5 5.2	1.492	2.330	17.5	19.9
8 29	0 31.31	+ 4 50.9	1.407	2.319	13.8	19.7
9 8	0 25.46	+ 4 19.1	1.342	2.307	9.4	19.4
9 18	0 17.56	+ 3 32.3	1.300	2.296	4.5	19.1
9 28	0 8.57	+ 2 36.4	1.283	2.284	1.1	18.8
10 8	23 59.77	+ 1 39.2	1.292	2.273	6.3	19.1
10 18	23 52.35	+ 0 48.9	1.326	2.263	11.2	19.4
10 28	23 47.30	+ 0 12.3	1.382	2.252	15.6	19.6

308642 2006 AB_{34} 9 25.8 201.°16 3.°2/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.85	− 6 31.4	2.092	2.931	13.1	21.1
8 29	0 33.70	− 7 8.7	2.013	2.928	10.1	20.9
9 8	0 26.53	− 7 51.0	1.957	2.924	6.7	20.7
9 18	0 17.87	− 8 33.1	1.927	2.920	3.8	20.5
9 28	0 8.52	− 9 9.5	1.926	2.915	3.9	20.5
10 8	23 59.42	− 9 34.8	1.953	2.909	7.0	20.7
10 18	23 51.45	− 9 45.7	2.007	2.903	10.4	20.9
10 28	23 45.32	− 9 40.4	2.086	2.897	13.4	21.1

485265 2010 WO_9 9 25.8 347.°16 0.°3/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.33	+ 0 57.1	1.853	2.688	14.7	20.9
8 29	0 31.27	+ 0 56.6	1.772	2.684	11.4	20.7
9 8	0 25.07	+ 0 46.5	1.714	2.680	7.6	20.5
9 18	0 17.26	+ 0 29.5	1.679	2.677	3.4	20.2
9 28	0 8.69	+ 0 9.6	1.672	2.674	1.2	20.0
10 8	0 0.36	− 0 8.3	1.693	2.671	5.5	20.3
10 18	23 53.21	− 0 19.7	1.740	2.669	9.6	20.6
10 28	23 47.99	− 0 21.2	1.811	2.667	13.1	20.8

220728 2004 SA_{52} 9 25.8 292.°81 1.°1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.09	+ 8 12.7	2.223	3.032	13.4	20.0
8 29	0 27.03	+ 7 35.8	2.118	3.012	10.7	19.8
9 8	0 22.20	+ 6 42.5	2.036	2.991	7.4	19.6
9 18	0 15.98	+ 5 35.0	1.979	2.971	3.8	19.3
9 28	0 9.04	+ 4 17.8	1.949	2.950	1.1	19.1
10 8	0 2.16	+ 2 57.3	1.949	2.930	4.5	19.3
10 18	23 56.13	+ 1 40.3	1.976	2.909	8.3	19.5
10 28	23 51.64	+ 0 33.0	2.029	2.889	11.8	19.7

478826 2012 VT_{29} 9 25.8 305.°02 2.°9/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.27	+ 8 58.2	1.606	2.425	17.4	20.9
8 29	0 31.82	+ 9 14.3	1.513	2.408	14.1	20.6
9 8	0 25.81	+ 9 13.0	1.439	2.391	10.2	20.3
9 18	0 17.74	+ 8 54.5	1.387	2.375	5.8	20.1
9 28	0 8.53	+ 8 21.5	1.361	2.359	2.9	19.8
10 8	23 59.38	+ 7 39.6	1.360	2.343	5.9	20.0
10 18	23 51.49	+ 6 55.8	1.386	2.327	10.4	20.2
10 28	23 45.88	+ 6 17.8	1.434	2.312	14.7	20.4

288207 2003 YK_{25} 9 25.8 311.°70 4.°1/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.13	− 5 52.3	1.549	2.413	15.7	20.4
8 29	0 31.06	− 6 34.9	1.454	2.383	12.2	20.1
9 8	0 25.39	− 7 26.7	1.380	2.353	8.3	19.8
9 18	0 17.59	− 8 21.5	1.329	2.324	4.7	19.6
9 28	0 8.57	− 9 10.9	1.304	2.294	5.0	19.5
10 8	23 59.56	− 9 46.5	1.304	2.266	9.0	19.7
10 18	23 51.80	−10 2.4	1.327	2.237	13.5	19.8
10 28	23 46.35	− 9 55.1	1.372	2.210	17.7	20.0

286904 2002 PY_{68} 9 25.8 358.°13 2.°0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 21.03	+ 9 9.3	1.046	1.917	21.0	19.1
8 29	0 21.50	+ 8 47.0	0.982	1.909	16.8	18.9
9 8	0 19.24	+ 7 55.3	0.934	1.903	11.8	18.6
9 18	0 14.83	+ 6 37.6	0.905	1.900	6.2	18.3
9 28	0 9.38	+ 5 2.6	0.898	1.899	2.0	18.0
10 8	0 4.27	+ 3 23.5	0.914	1.901	6.7	18.3
10 18	0 0.77	+ 1 53.7	0.951	1.905	12.2	18.6
10 28	23 59.83	+ 0 44.3	1.008	1.911	17.1	18.9

481003 2004 HV_{24} 9 25.8 224.°10 0.°2/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.79	+ 3 3.4	2.185	3.002	13.4	21.9
8 29	0 32.09	+ 2 57.3	2.097	2.997	10.5	21.7
9 8	0 25.47	+ 2 40.9	2.031	2.992	7.1	21.4
9 18	0 17.42	+ 2 16.6	1.991	2.986	3.2	21.2
9 28	0 8.67	+ 1 47.8	1.979	2.980	0.8	21.0
10 8	0 0.09	+ 1 19.3	1.996	2.974	4.8	21.3
10 18	23 52.53	+ 0 55.3	2.041	2.968	8.5	21.5
10 28	23 46.67	+ 0 39.7	2.111	2.961	11.8	21.7

190238 2007 DL_{43} 9 25.8 122.°74 2.°8/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.27	+11 19.4	1.778	2.578	16.7	20.5
8 29	0 32.05	+11 8.6	1.704	2.586	13.4	20.3
9 8	0 25.59	+10 38.3	1.649	2.595	9.6	20.1
9 18	0 17.49	+ 9 50.0	1.618	2.603	5.6	19.9
9 28	0 8.66	+ 8 47.9	1.614	2.611	2.8	19.7
10 8	0 0.16	+ 7 39.1	1.637	2.618	5.2	19.9
10 18	23 52.96	+ 6 31.1	1.687	2.626	9.1	20.1
10 28	23 47.83	+ 5 31.2	1.762	2.633	12.8	20.4

121882 2000 DW_1 9 25.8 37.°97 1.°1/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.48	+ 2 21.7	1.099	1.966	20.5	20.0
8 29	0 32.50	+ 1 45.9	1.044	1.972	15.9	19.7
9 8	0 26.40	+ 0 50.7	1.006	1.980	10.5	19.5
9 18	0 17.97	− 0 17.7	0.989	1.988	4.5	19.2
9 28	0 8.55	− 1 29.2	0.995	1.996	2.2	19.0
10 8	23 59.72	− 2 32.7	1.026	2.005	8.0	19.4
10 18	23 52.85	− 3 19.2	1.079	2.014	13.4	19.8
10 28	23 48.90	− 3 43.4	1.152	2.024	17.9	20.1

480821 1998 WA_4 9 25.8 336.°26 11.°1/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 17.29	−11 29.3	0.975	1.895	17.9	19.7
8 29	0 19.12	−14 3.3	0.881	1.839	14.4	19.3
9 8	0 18.18	−17 4.0	0.805	1.783	11.6	18.9
9 18	0 14.65	−20 16.2	0.750	1.729	11.5	18.7
9 28	0 9.38	−23 16.5	0.716	1.677	14.8	18.6
10 8	0 3.84	−25 40.6	0.700	1.628	20.0	18.7
10 18	23 59.79	−27 10.6	0.699	1.581	25.5	18.8
10 28	23 58.88	−27 38.1	0.709	1.538	30.4	18.9

373447 1999 VA_{78} 9 25.8 332.°35 13.°7/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 20.55	+36 10.8	1.208	1.925	27.1	19.8
8 29	0 21.54	+36 38.0	1.115	1.903	25.0	19.6
9 8	0 19.60	+36 16.5	1.032	1.882	22.4	19.3
9 18	0 15.15	+34 55.0	0.962	1.862	19.2	19.0
9 28	0 9.28	+32 25.9	0.908	1.843	16.0	18.8
10 8	0 3.56	+28 52.2	0.875	1.826	13.9	18.6
10 18	23 59.55	+24 29.3	0.864	1.811	14.2	18.6
10 28	23 58.50	+19 44.9	0.877	1.797	17.1	18.7

67305 2000 GD_{159} 9 25.8 195.°61 3.°4/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.83	+12 15.9	2.387	3.156	13.8	20.2
8 29	0 33.58	+12 38.3	2.293	3.154	11.3	20.0
9 8	0 26.44	+12 47.0	2.221	3.151	8.4	19.8
9 18	0 17.86	+12 41.6	2.173	3.148	5.4	19.6
9 28	0 8.56	+12 23.7	2.154	3.144	3.4	19.5
10 8	23 59.40	+11 56.5	2.165	3.141	4.7	19.6
10 18	23 51.18	+11 24.4	2.204	3.136	7.7	19.7
10 28	23 44.63	+10 52.6	2.269	3.131	10.6	19.9

392929 2012 VS_{107} 9 25.8 225.°18 0.°3/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.41	+ 4 19.2	2.133	2.950	13.7	22.2
8 29	0 31.11	+ 3 56.7	2.042	2.942	10.7	22.0
9 8	0 24.88	+ 3 21.7	1.974	2.934	7.2	21.7
9 18	0 17.18	+ 2 36.8	1.931	2.926	3.3	21.5
9 28	0 8.76	+ 1 46.4	1.916	2.917	0.8	21.3
10 8	0 0.50	+ 0 56.2	1.930	2.908	4.9	21.6
10 18	23 53.23	+ 0 11.5	1.972	2.899	8.8	21.8
10 28	23 47.68	− 0 23.0	2.039	2.889	12.1	22.0

513383 2008 GH_{43} 9 25.8 6.°85 2.°7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.55	− 5 31.5	1.901	2.748	13.9	20.9
8 29	0 32.07	− 5 50.3	1.829	2.748	10.7	20.7
9 8	0 25.52	− 6 14.2	1.779	2.749	7.1	20.5
9 18	0 17.44	− 6 38.6	1.755	2.750	3.6	20.3
9 28	0 8.71	− 6 58.3	1.757	2.751	3.4	20.3
10 8	0 0.29	− 7 8.6	1.788	2.753	6.7	20.5
10 18	23 53.08	− 7 6.4	1.845	2.754	10.3	20.7
10 28	23 47.80	− 6 50.0	1.925	2.757	13.5	20.9

321271 2009 DK_{135} 9 25.8 177.°00 2.°1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.59	+11 5.5	2.343	3.129	13.5	21.2
8 29	0 29.49	+10 42.5	2.255	3.130	10.9	21.0
9 8	0 23.68	+10 3.6	2.188	3.131	7.8	20.8
9 18	0 16.60	+ 9 10.5	2.148	3.132	4.4	20.6
9 28	0 8.94	+ 8 6.8	2.135	3.133	2.1	20.5
10 8	0 1.46	+ 6 57.9	2.152	3.133	4.2	20.6
10 18	23 54.91	+ 5 49.8	2.197	3.132	7.5	20.8
10 28	23 49.91	+ 4 48.3	2.269	3.131	10.6	21.0

63257 2001 BJ_{79} 9 25.8 292.°23 2.°3/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.55	− 8 54.8	4.272	5.113	6.9	19.5
8 29	0 22.57	− 9 38.1	4.192	5.108	5.3	19.4
9 8	0 18.74	−10 23.1	4.138	5.103	3.6	19.3
9 18	0 14.30	−11 6.9	4.112	5.099	2.4	19.2
9 28	0 9.59	−11 46.9	4.116	5.094	2.7	19.2
10 8	0 4.98	−12 20.4	4.150	5.090	4.2	19.3
10 18	0 0.79	−12 45.7	4.211	5.085	5.9	19.4
10 28	23 57.36	−13 1.2	4.298	5.081	7.5	19.5

124855 2001 TU_{20} 9 25.8 279.°65 2.°7/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 42.91	− 5 30.0	1.625	2.470	16.0	19.3
8 29	0 37.43	− 5 32.6	1.548	2.466	12.4	19.0
9 8	0 29.33	− 5 40.0	1.493	2.462	8.3	18.8
9 18	0 19.23	− 5 47.8	1.462	2.458	4.0	18.5
9 28	0 8.20	− 5 50.8	1.458	2.454	3.4	18.5
10 8	23 57.52	− 5 44.2	1.481	2.450	7.4	18.7
10 18	23 48.37	− 5 25.1	1.531	2.446	11.7	19.0
10 28	23 41.64	− 4 52.2	1.603	2.442	15.5	19.2

473565 2015 XP_{216} 9 25.8 307.°09 1.°1/24.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.40	+ 0 33.3	2.173	3.008	12.8	21.7
8 29	0 27.98	− 0 0.4	2.084	2.997	9.9	21.5
9 8	0 22.78	− 0 44.3	2.018	2.986	6.5	21.3
9 18	0 16.24	− 1 34.9	1.977	2.975	2.8	21.0
9 28	0 9.04	− 2 27.0	1.965	2.964	1.7	20.9
10 8	0 1.98	− 3 15.1	1.980	2.954	5.4	21.2
10 18	23 55.84	− 3 54.0	2.023	2.943	9.0	21.4
10 28	23 51.29	− 4 20.1	2.090	2.933	12.2	21.6

31055 1996 RZ_{19} 9 25.8 209.°48 0.°2/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.16	+ 4 6.1	2.238	3.055	13.1	19.3
8 29	0 30.01	+ 3 43.0	2.152	3.052	10.2	19.1
9 8	0 24.06	+ 3 8.1	2.088	3.049	6.9	18.9
9 18	0 16.79	+ 2 24.2	2.050	3.045	3.1	18.7
9 28	0 8.89	+ 1 35.6	2.040	3.042	0.8	18.5
10 8	0 1.17	+ 0 47.6	2.060	3.038	4.7	18.8
10 18	23 54.41	+ 0 5.0	2.107	3.034	8.3	19.0
10 28	23 49.25	− 0 27.7	2.179	3.029	11.5	19.2

160485 2007 BL_2 9 25.8 277.°25 5.°8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.79	−14 20.3	2.127	2.981	12.4	20.4
8 29	0 30.61	−15 20.5	2.054	2.973	9.8	20.3
9 8	0 24.51	−16 20.5	2.005	2.964	7.3	20.1
9 18	0 17.00	−17 13.7	1.982	2.956	5.9	20.0
9 28	0 8.84	−17 53.5	1.986	2.947	6.7	20.0
10 8	0 0.93	−18 15.0	2.017	2.939	9.0	20.2
10 18	23 54.08	−18 15.9	2.072	2.931	11.8	20.3
10 28	23 48.99	−17 55.8	2.149	2.922	14.3	20.5

447052 2004 RZ_{211} 9 25.8 12.°80 8.°4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.54	+23 9.8	1.858	2.591	18.3	19.8
8 29	0 31.75	+24 17.2	1.778	2.594	15.9	19.6
9 8	0 25.59	+25 2.4	1.716	2.598	13.3	19.4
9 18	0 17.59	+25 21.7	1.674	2.602	10.6	19.3
9 28	0 8.65	+25 13.9	1.656	2.607	8.8	19.2
10 8	23 59.89	+24 41.6	1.663	2.612	8.6	19.2
10 18	23 52.38	+23 50.7	1.694	2.618	10.2	19.3
10 28	23 47.01	+22 49.8	1.749	2.624	12.6	19.5

97880 2000 QO_{45} 9 25.8 322.°80 2.°1/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.76	+ 6 38.7	1.229	2.075	20.1	18.1
8 29	0 32.80	+ 6 49.8	1.152	2.065	16.1	17.9
9 8	0 26.77	+ 6 41.1	1.092	2.056	11.3	17.6
9 18	0 18.27	+ 6 13.8	1.054	2.047	5.9	17.2
9 28	0 8.46	+ 5 32.5	1.038	2.039	2.1	17.0
10 8	23 58.87	+ 4 45.3	1.047	2.031	6.8	17.2
10 18	23 50.99	+ 4 1.1	1.080	2.024	12.3	17.5
10 28	23 45.96	+ 3 28.4	1.133	2.018	17.2	17.8

71118 1999 XH_{159} 9 25.8 253.°00 6.°7/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.90	−14 37.8	1.971	2.829	13.0	19.5
8 29	0 30.90	−16 1.0	1.899	2.819	10.3	19.3
9 8	0 24.83	−17 25.1	1.850	2.808	7.9	19.1
9 18	0 17.18	−18 41.9	1.827	2.797	6.7	19.0
9 28	0 8.80	−19 43.3	1.830	2.785	7.7	19.1
10 8	0 0.64	−20 23.0	1.860	2.774	10.2	19.2
10 18	23 53.62	−20 37.9	1.913	2.762	13.0	19.4
10 28	23 48.48	−20 27.9	1.987	2.750	15.7	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
148546	2001 QW_{141}		9 25.8	65.°58	1.°1/26.7	17
	h m	° ′			°	m
8 19	0 37.83	+ 6 20.5	1.428	2.260	18.5	20.1
8 29	0 33.51	+ 6 3.6	1.374	2.280	14.5	19.9
9 8	0 26.63	+ 5 28.5	1.340	2.301	9.8	19.7
9 18	0 17.96	+ 4 38.8	1.328	2.322	4.7	19.5
9 28	0 8.61	+ 3 40.9	1.342	2.344	1.3	19.3
10 8	23 59.87	+ 2 43.1	1.383	2.365	5.9	19.6
10 18	23 52.78	+ 1 53.0	1.449	2.386	10.5	20.0
10 28	23 48.13	+ 1 16.3	1.538	2.407	14.4	20.3
385827	2006 GB_{32}		9 25.8	70.°86	7.°0/20.4	17
8 19	0 42.59	−16 17.9	1.691	2.543	15.1	19.9
8 29	0 36.64	−17 7.2	1.652	2.567	11.9	19.8
9 8	0 28.39	−17 51.7	1.635	2.591	8.9	19.6
9 18	0 18.63	−18 24.1	1.643	2.614	7.1	19.6
9 28	0 8.45	−18 37.9	1.677	2.638	7.7	19.7
10 8	23 59.00	−18 29.6	1.737	2.661	10.1	19.9
10 18	23 51.21	−17 59.4	1.822	2.685	12.9	20.1
10 28	23 45.72	−17 9.4	1.928	2.708	15.5	20.3
205115	1999 VP_{17}		9 25.8	303.°87	0.°2/25.7	18
8 19	0 34.90	+ 2 20.0	1.631	2.472	16.1	20.9
8 29	0 31.49	+ 2 8.9	1.536	2.450	12.7	20.6
9 8	0 25.59	+ 1 44.3	1.460	2.427	8.6	20.3
9 18	0 17.68	+ 1 8.8	1.408	2.405	3.9	20.0
9 28	0 8.64	+ 0 27.6	1.382	2.384	1.2	19.8
10 8	23 59.64	− 0 12.4	1.383	2.362	6.3	20.1
10 18	23 51.85	− 0 44.7	1.409	2.341	11.1	20.3
10 28	23 46.27	− 1 3.7	1.457	2.320	15.4	20.5
329936	2005 OC_{20}		9 25.8	34.°66	2.°2/24.2	15
8 19	0 33.43	+ 0 20.7	1.123	1.995	19.7	20.9
8 29	0 30.67	− 0 28.9	1.077	2.010	15.1	20.7
9 8	0 25.02	− 1 34.7	1.050	2.026	9.8	20.5
9 18	0 17.30	− 2 48.6	1.045	2.044	4.3	20.2
9 28	0 8.81	− 4 0.2	1.063	2.062	3.1	20.2
10 8	0 1.02	− 4 59.0	1.105	2.080	8.2	20.6
10 18	23 55.10	− 5 37.9	1.170	2.100	13.1	20.9
10 28	23 51.86	− 5 53.5	1.255	2.120	17.2	21.2
296561	2009 QZ_{30}		9 25.8	338.°47	5.°4/19.9	18
8 19	0 32.74	−12 23.0	2.045	2.904	12.6	19.8
8 29	0 29.07	−13 25.2	1.977	2.900	9.8	19.6
9 8	0 23.51	−14 28.7	1.932	2.896	7.1	19.5
9 18	0 16.57	−15 26.8	1.913	2.893	5.5	19.4
9 28	0 9.01	−16 12.7	1.921	2.890	6.3	19.4
10 8	0 1.73	−16 41.1	1.956	2.887	8.8	19.6
10 18	23 55.52	−16 49.3	2.015	2.884	11.6	19.7
10 28	23 51.04	−16 36.7	2.095	2.881	14.2	19.9
445466	2010 VQ_{73}		9 25.8	336.°31	3.°7/22.6	17
8 19	0 36.07	− 7 57.0	1.881	2.734	13.8	21.3
8 29	0 31.80	− 8 23.8	1.806	2.728	10.7	21.1
9 8	0 25.41	− 8 54.2	1.753	2.722	7.2	20.9
9 18	0 17.45	− 9 23.0	1.725	2.717	4.2	20.7
9 28	0 8.77	− 9 44.4	1.724	2.713	4.4	20.7
10 8	0 0.37	− 9 53.4	1.751	2.708	7.5	20.9
10 18	23 53.17	− 9 47.3	1.803	2.704	11.0	21.1
10 28	23 47.91	− 9 24.6	1.878	2.700	14.2	21.3
363281	2002 GW_{153}		9 25.8	183.°50	2.°9/21.8	18
8 19	0 32.53	− 6 47.1	2.855	3.692	10.0	22.0
8 29	0 28.32	− 7 43.0	2.778	3.693	7.7	21.8
9 8	0 22.74	− 8 42.9	2.726	3.693	5.1	21.6
9 18	0 16.16	− 9 42.5	2.702	3.692	3.1	21.5
9 28	0 9.14	−10 37.2	2.707	3.691	3.5	21.5
10 8	0 2.30	−11 22.6	2.742	3.689	5.7	21.7
10 18	23 56.20	−11 55.6	2.805	3.687	8.2	21.8
10 28	23 51.35	−12 14.3	2.892	3.685	10.5	22.0
399936	2005 YU_{202}		9 25.8	322.°61	0.°7/25.2	17
8 19	0 31.11	+ 1 43.6	1.715	2.562	15.2	21.1
8 29	0 28.39	+ 1 20.4	1.619	2.538	11.9	20.8
9 8	0 23.44	+ 0 43.8	1.544	2.514	8.0	20.5
9 18	0 16.70	− 0 3.1	1.493	2.491	3.5	20.2
9 28	0 8.96	− 0 54.4	1.468	2.468	1.5	20.0
10 8	0 1.29	− 1 43.2	1.469	2.446	6.2	20.3
10 18	23 54.72	− 2 22.8	1.495	2.425	10.7	20.5
10 28	23 50.13	− 2 47.7	1.544	2.405	14.8	20.7
198177	2004 TL_{103}		9 25.8	294.°80	3.°7/29.5	18
8 19	0 31.02	+14 50.7	1.689	2.485	17.5	20.5
8 29	0 28.50	+14 27.7	1.584	2.461	14.5	20.3
9 8	0 23.62	+13 38.6	1.497	2.437	10.9	20.0
9 18	0 16.82	+12 23.2	1.433	2.413	6.8	19.7
9 28	0 8.92	+10 45.0	1.394	2.389	3.8	19.5
10 8	0 1.03	+ 8 52.3	1.382	2.365	5.7	19.5
10 18	23 54.26	+ 6 56.0	1.397	2.341	10.1	19.7
10 28	23 49.60	+ 5 7.4	1.436	2.317	14.4	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
345809	2007 GO_{60}		9 25.8	24.°53	2.°1/27.4	18
	h m	° ′			°	m
8 19	0 32.14	+ 7 50.0	1.143	1.996	20.8	19.9
8 29	0 29.74	+ 7 48.4	1.092	2.009	16.5	19.7
9 8	0 24.47	+ 7 23.9	1.059	2.023	11.4	19.5
9 18	0 17.10	+ 6 39.5	1.046	2.040	5.9	19.2
9 28	0 8.90	+ 5 42.2	1.056	2.057	2.1	19.0
10 8	0 1.31	+ 4 41.6	1.091	2.076	6.4	19.4
10 18	23 55.54	+ 3 47.4	1.148	2.095	11.4	19.7
10 28	23 52.42	+ 3 7.0	1.226	2.116	15.8	20.0
264120	2009 TJ_{10}		9 25.8	354.°24	3.°1/ 1.7	18
8 19	0 26.94	+17 58.6	4.031	4.760	9.2	19.9
8 29	0 23.76	+18 1.5	3.933	4.759	7.7	19.8
9 8	0 19.60	+17 53.5	3.856	4.758	6.0	19.7
9 18	0 14.74	+17 34.9	3.805	4.757	4.3	19.6
9 28	0 9.56	+17 6.7	3.783	4.757	3.2	19.5
10 8	0 4.45	+16 31.0	3.789	4.756	3.4	19.5
10 18	23 59.83	+15 50.6	3.824	4.756	4.7	19.6
10 28	23 56.05	+15 8.6	3.887	4.755	6.4	19.7
74124	1998 QB_{58}		9 25.8	48.°73	0.°1/25.7	18
8 19	0 33.84	+ 3 53.6	1.697	2.532	15.9	19.4
8 29	0 30.23	+ 3 22.9	1.627	2.538	12.3	19.2
9 8	0 24.43	+ 2 37.5	1.579	2.545	8.2	19.0
9 18	0 17.03	+ 1 41.1	1.555	2.552	3.7	18.7
9 28	0 8.92	+ 0 40.0	1.557	2.559	1.1	18.6
10 8	0 1.16	− 0 18.3	1.587	2.566	5.7	18.9
10 18	23 54.69	− 1 7.5	1.642	2.573	9.9	19.2
10 28	23 50.24	− 1 42.4	1.722	2.580	13.6	19.4
143850	2003 YV_6		9 25.8	292.°73	3.°7/23.1	18
8 19	0 37.88	− 5 4.8	1.410	2.271	17.1	20.0
8 29	0 34.09	− 5 39.8	1.330	2.257	13.3	19.8
9 8	0 27.45	− 6 24.0	1.269	2.242	8.9	19.5
9 18	0 18.55	− 7 10.9	1.232	2.228	4.7	19.2
9 28	0 8.48	− 7 52.1	1.220	2.213	4.6	19.2
10 8	23 58.62	− 8 19.6	1.233	2.199	8.9	19.4
10 18	23 50.30	− 8 27.9	1.270	2.185	13.6	19.6
10 28	23 44.58	− 8 14.5	1.328	2.171	17.8	19.8
225211	2008 QG_{42}		9 25.8	187.°17	0.°7/24.4	18
8 19	0 25.95	− 1 21.8	4.739	5.558	6.6	21.2
8 29	0 22.78	− 1 44.2	4.652	5.558	5.0	21.1
9 8	0 18.86	− 2 10.2	4.592	5.557	3.3	21.0
9 18	0 14.39	− 2 38.0	4.560	5.557	1.4	20.8
9 28	0 9.69	− 3 5.8	4.558	5.557	1.0	20.8
10 8	0 5.08	− 3 31.3	4.587	5.556	2.8	20.9
10 18	0 0.85	− 3 52.8	4.645	5.555	4.6	21.1
10 28	23 57.30	− 4 8.6	4.731	5.555	6.2	21.2
381715	2009 QB_{27}		9 25.8	19.°33	2.°6/24.2	17
8 19	0 33.17	− 1 57.3	0.974	1.861	20.9	20.0
8 29	0 30.92	− 2 19.1	0.929	1.870	16.0	19.8
9 8	0 25.43	− 2 54.4	0.901	1.881	10.5	19.5
9 18	0 17.59	− 3 36.0	0.894	1.893	4.7	19.2
9 28	0 8.83	− 4 14.2	0.908	1.907	3.5	19.2
10 8	0 0.81	− 4 40.0	0.944	1.922	8.8	19.6
10 18	23 54.87	− 4 47.5	1.002	1.938	14.0	19.9
10 28	23 51.91	− 4 34.1	1.079	1.956	18.4	20.3
261743	2006 AM_{105}		9 25.8	289.°45	7.°2/17.3	18
8 19	0 34.80	−18 47.5	2.211	3.063	12.0	20.6
8 29	0 30.74	−19 59.6	2.129	3.040	9.8	20.4
9 8	0 24.72	−21 9.6	2.071	3.017	7.9	20.2
9 18	0 17.19	−22 10.1	2.038	2.993	7.2	20.2
9 28	0 8.91	−22 54.0	2.032	2.970	8.2	20.2
10 8	0 0.77	−23 16.1	2.051	2.946	10.3	20.3
10 18	23 53.63	−23 14.0	2.094	2.923	12.8	20.4
10 28	23 48.22	−22 47.9	2.158	2.899	15.2	20.5
404963	1998 SD_{52}		9 25.8	354.°60	0.°3/26.1	15
8 19	0 31.25	+ 3 45.7	1.738	2.577	15.4	21.3
8 29	0 28.30	+ 3 32.1	1.660	2.572	12.0	21.1
9 8	0 23.22	+ 3 4.9	1.603	2.569	8.1	20.8
9 18	0 16.54	+ 2 27.0	1.569	2.566	3.7	20.6
9 28	0 9.10	+ 1 43.3	1.562	2.564	0.9	20.4
10 8	0 1.91	+ 1 0.3	1.582	2.562	5.4	20.7
10 18	23 55.88	+ 0 23.9	1.627	2.562	9.7	20.9
10 28	23 51.78	− 0 0.9	1.696	2.562	13.4	21.2
186335	2002 EJ_{33}		9 25.8	85.°86	0.°9/25.0	18
8 19	0 36.26	− 0 20.4	2.172	3.000	13.1	19.9
8 29	0 31.60	− 0 32.2	2.097	3.006	10.1	19.7
9 8	0 25.11	− 0 51.9	2.045	3.011	6.6	19.5
9 18	0 17.30	− 1 16.5	2.020	3.017	2.9	19.3
9 28	0 8.91	− 1 41.7	2.022	3.022	1.5	19.2
10 8	0 0.80	− 2 3.3	2.054	3.028	5.1	19.5
10 18	23 53.75	− 2 17.6	2.112	3.033	8.6	19.7
10 28	23 48.39	− 2 21.7	2.196	3.039	11.7	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
46128	2001 FU_{45}		9 25.8	27.°85	3.°9/28.4	18
	h m	° ′			°	m
8 19	0 36.47	+ 9 24.2	1.116	1.959	21.9	17.6
8 29	0 33.30	+ 9 57.9	1.061	1.969	17.6	17.3
9 8	0 26.99	+10 8.6	1.023	1.981	12.7	17.1
9 18	0 18.32	+ 9 56.6	1.005	1.993	7.4	16.8
9 28	0 8.64	+ 9 25.7	1.010	2.007	3.9	16.7
10 8	23 59.56	+ 8 44.1	1.038	2.022	6.9	16.9
10 18	23 52.46	+ 8 1.0	1.089	2.037	11.7	17.2
10 28	23 48.32	+ 7 25.4	1.160	2.054	16.2	17.6
466245	2013 CF_{104}		9 25.8	312.°80	2.°2/21.8	16
8 19	0 26.47	− 7 44.2	3.968	4.808	7.4	21.0
8 29	0 23.37	− 8 21.4	3.884	4.800	5.6	20.9
9 8	0 19.34	− 9 0.8	3.826	4.793	3.8	20.8
9 18	0 14.66	− 9 39.6	3.796	4.786	2.3	20.7
9 28	0 9.67	−10 14.9	3.795	4.779	2.6	20.7
10 8	0 4.77	−10 44.1	3.824	4.772	4.3	20.8
10 18	0 0.34	−11 5.2	3.881	4.765	6.1	20.9
10 28	23 56.73	−11 16.6	3.964	4.758	7.9	21.0
327638	2006 PN_{32}		9 25.8	351.°71	6.°0/21.9	18
8 19	0 33.95	− 8 22.4	1.068	1.958	19.2	19.6
8 29	0 31.59	− 9 10.6	1.009	1.951	14.9	19.3
9 8	0 26.02	−10 5.7	0.969	1.946	10.3	19.0
9 18	0 17.96	−10 57.8	0.948	1.941	6.5	18.8
9 28	0 8.75	−11 35.8	0.951	1.938	7.1	18.8
10 8	0 0.04	−11 50.7	0.975	1.937	11.3	19.1
10 18	23 53.28	−11 38.3	1.020	1.936	16.0	19.3
10 28	23 49.51	−10 58.6	1.083	1.937	20.2	19.6
123987	2001 FO_{58}		9 25.8	82.°01	5.°5/ 2.6	18
8 19	0 35.12	+20 34.2	2.419	3.147	14.6	19.6
8 29	0 30.69	+21 0.4	2.342	3.162	12.4	19.5
9 8	0 24.50	+21 8.2	2.285	3.178	9.9	19.3
9 18	0 17.04	+20 56.8	2.250	3.193	7.5	19.2
9 28	0 9.01	+20 27.0	2.242	3.208	5.7	19.1
10 8	0 1.22	+19 42.5	2.262	3.223	5.8	19.2
10 18	23 54.42	+18 48.3	2.309	3.238	7.6	19.3
10 28	23 49.22	+17 50.6	2.382	3.253	9.9	19.5
483877	2005 YX_{164}		9 25.8	224.°92	6.°3/17.9	18
8 19	0 36.48	−19 44.4	2.638	3.479	10.7	21.2
8 29	0 31.57	−20 39.9	2.568	3.471	8.7	21.0
9 8	0 25.00	−21 31.5	2.522	3.463	7.0	20.9
9 18	0 17.24	−22 13.5	2.502	3.455	6.3	20.9
9 28	0 8.97	−22 40.8	2.511	3.446	7.0	20.9
10 8	0 0.92	−22 49.9	2.546	3.437	8.8	21.0
10 18	23 53.79	−22 39.6	2.606	3.428	10.8	21.1
10 28	23 48.18	−22 10.3	2.689	3.418	12.8	21.3
478661	2012 TK_{251}		9 25.8	19.°44	3.°4/27.9	16
8 19	0 36.40	+ 6 51.3	1.083	1.936	21.7	20.1
8 29	0 33.27	+ 7 41.2	1.032	1.947	17.3	19.8
9 8	0 26.98	+ 8 11.6	0.997	1.959	12.3	19.6
9 18	0 18.32	+ 8 22.6	0.983	1.974	6.9	19.4
9 28	0 8.68	+ 8 17.3	0.991	1.989	3.4	19.2
10 8	23 59.69	+ 8 2.1	1.022	2.007	6.8	19.5
10 18	23 52.73	+ 7 44.7	1.076	2.025	11.8	19.8
10 28	23 48.74	+ 7 32.5	1.151	2.045	16.2	20.1
295117	2008 FE_{9}		9 25.8	85.°58	1.°2/27.0	18
8 19	0 36.88	+ 5 42.9	2.081	2.891	14.2	20.9
8 29	0 32.20	+ 5 47.2	2.005	2.898	11.2	20.7
9 8	0 25.58	+ 5 39.5	1.950	2.905	7.7	20.5
9 18	0 17.55	+ 5 21.6	1.921	2.913	3.9	20.3
9 28	0 8.88	+ 4 56.6	1.919	2.920	1.3	20.1
10 8	0 0.49	+ 4 29.1	1.946	2.927	4.6	20.4
10 18	23 53.21	+ 4 3.7	2.001	2.934	8.3	20.6
10 28	23 47.71	+ 3 44.6	2.081	2.941	11.5	20.8
165065	2000 ES_{169}		9 25.8	256.°92	4.°4/21.5	18
8 19	0 38.46	−10 12.6	2.188	3.031	12.5	20.2
8 29	0 33.53	−10 55.2	2.096	3.011	9.7	19.9
9 8	0 26.57	−11 40.7	2.027	2.992	6.8	19.7
9 18	0 18.05	−12 23.6	1.985	2.971	4.6	19.6
9 28	0 8.73	−12 57.6	1.972	2.951	5.1	19.5
10 8	23 59.53	−13 17.8	1.986	2.929	7.8	19.7
10 18	23 51.34	−13 21.0	2.027	2.908	11.0	19.8
10 28	23 44.93	−13 5.8	2.091	2.886	14.0	20.0
259424	2003 RP_{17}		9 25.8	61.°75	5.°1/ 2.3	18
8 19	0 32.89	+20 13.2	2.133	2.878	15.9	20.2
8 29	0 29.09	+20 9.0	2.066	2.901	13.3	20.1
9 8	0 23.47	+19 42.9	2.019	2.924	10.4	19.9
9 18	0 16.57	+18 55.3	1.994	2.948	7.5	19.8
9 28	0 9.18	+17 49.0	1.995	2.971	5.3	19.7
10 8	0 2.13	+16 29.8	2.024	2.995	5.5	19.8
10 18	23 56.19	+15 4.7	2.080	3.018	7.7	19.9
10 28	23 51.97	+13 41.3	2.163	3.041	10.4	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
457815	2009 RZ_{53}		9 25.8	18.°49	0.°6/25.2	17
	h m	° ′			°	m
8 19	0 31.26	+ 2 3.5	1.792	2.634	14.8	21.2
8 29	0 28.14	+ 1 34.0	1.725	2.640	11.5	21.0
9 8	0 23.01	+ 0 52.2	1.678	2.647	7.5	20.8
9 18	0 16.42	+ 0 2.0	1.657	2.654	3.3	20.5
9 28	0 9.21	− 0 50.5	1.662	2.662	1.4	20.4
10 8	0 2.32	− 1 39.0	1.694	2.671	5.6	20.7
10 18	23 56.59	− 2 17.9	1.752	2.680	9.6	21.0
10 28	23 52.72	− 2 42.9	1.833	2.690	13.0	21.2
410942	2009 SJ_{287}		9 25.9	291.°40	3.°8/30.7	18
8 19	0 30.39	+17 0.5	2.362	3.123	14.1	21.0
8 29	0 27.31	+16 42.5	2.247	3.098	11.8	20.8
9 8	0 22.46	+16 4.6	2.152	3.074	9.1	20.6
9 18	0 16.23	+15 6.5	2.081	3.049	6.1	20.4
9 28	0 9.24	+13 50.6	2.037	3.024	4.0	20.2
10 8	0 2.27	+12 21.9	2.022	2.999	4.8	20.2
10 18	23 56.10	+10 47.3	2.035	2.974	7.7	20.4
10 28	23 51.43	+ 9 14.5	2.074	2.950	10.9	20.5
483260	2015 TL_{86}		9 25.9	207.°45	2.°3/28.8	18
8 19	0 30.85	+12 9.1	2.453	3.236	13.1	21.5
8 29	0 27.38	+11 45.0	2.363	3.235	10.5	21.3
9 8	0 22.31	+11 4.8	2.294	3.234	7.6	21.1
9 18	0 16.08	+10 10.3	2.251	3.233	4.5	20.9
9 28	0 9.30	+ 9 4.8	2.236	3.232	2.3	20.8
10 8	0 2.68	+ 7 53.6	2.250	3.231	4.0	20.9
10 18	23 56.90	+ 6 42.3	2.292	3.230	7.1	21.1
10 28	23 52.55	+ 5 36.7	2.361	3.228	10.1	21.3
99541	2002 EG_{98}		9 25.9	90.°71	4.°4/22.2	18
8 19	0 37.47	− 5 6.4	1.399	2.261	17.1	19.3
8 29	0 33.39	− 6 18.4	1.345	2.273	13.1	19.1
9 8	0 26.69	− 7 39.7	1.311	2.284	8.7	18.9
9 18	0 18.10	− 9 1.4	1.302	2.296	4.9	18.7
9 28	0 8.77	−10 13.3	1.318	2.307	5.4	18.8
10 8	23 59.99	−11 6.6	1.360	2.318	9.2	19.0
10 18	23 52.87	−11 36.5	1.426	2.329	13.3	19.3
10 28	23 48.22	−11 41.5	1.512	2.339	16.8	19.5
260890	2005 QG_{150}		9 25.9	77.°73	0.°2/25.7	18
8 19	0 36.93	+ 1 52.2	2.031	2.856	14.0	20.4
8 29	0 32.21	+ 1 43.9	1.962	2.867	10.8	20.2
9 8	0 25.56	+ 1 25.8	1.915	2.879	7.2	20.0
9 18	0 17.53	+ 1 0.7	1.894	2.891	3.2	19.8
9 28	0 8.93	+ 0 32.7	1.901	2.902	1.0	19.7
10 8	0 0.66	+ 0 6.7	1.936	2.914	5.0	20.0
10 18	23 53.56	− 0 13.3	1.999	2.925	8.7	20.2
10 28	23 48.25	− 0 23.8	2.087	2.937	11.9	20.5
443316	2014 FC_{51}		9 25.9	2.°26	2.°8/23.6	18
8 19	0 34.56	− 3 13.4	1.480	2.341	16.4	20.5
8 29	0 31.17	− 3 48.7	1.413	2.340	12.6	20.2
9 8	0 25.28	− 4 33.8	1.366	2.339	8.3	20.0
9 18	0 17.52	− 5 22.8	1.343	2.340	4.0	19.8
9 28	0 8.92	− 6 8.0	1.345	2.341	3.6	19.7
10 8	0 0.69	− 6 42.0	1.373	2.342	7.8	20.0
10 18	23 53.93	− 6 59.7	1.425	2.344	12.1	20.2
10 28	23 49.47	− 6 58.3	1.499	2.347	15.9	20.5
393795	2005 NO_{10}		9 25.9	43.°15	1.°4/24.4	18
8 19	0 33.30	+ 0 10.0	1.806	2.649	14.7	21.1
8 29	0 29.68	− 0 29.8	1.739	2.656	11.3	20.9
9 8	0 24.02	− 1 20.9	1.693	2.663	7.4	20.7
9 18	0 16.88	− 2 18.3	1.673	2.671	3.2	20.5
9 28	0 9.10	− 3 15.6	1.679	2.678	2.2	20.4
10 8	0 1.66	− 4 6.2	1.713	2.686	6.1	20.7
10 18	23 55.42	− 4 44.6	1.773	2.694	10.0	20.9
10 28	23 51.07	− 5 7.4	1.856	2.702	13.4	21.2
147129	2002 TE_{139}		9 25.9	317.°31	4.°3/28.7	18
8 19	0 33.26	+10 39.7	1.287	2.119	20.1	19.6
8 29	0 31.01	+11 9.2	1.195	2.096	16.6	19.3
9 8	0 25.79	+11 17.5	1.120	2.073	12.3	19.0
9 18	0 18.02	+11 2.9	1.065	2.051	7.6	18.6
9 28	0 8.73	+10 27.0	1.034	2.030	4.3	18.4
10 8	23 59.38	+ 9 36.1	1.025	2.009	7.0	18.5
10 18	23 51.50	+ 8 39.5	1.040	1.989	12.1	18.7
10 28	23 46.38	+ 7 47.6	1.076	1.970	17.1	18.9
414199	2008 DT_{15}		9 25.9	232.°22	0.°5/26.6	18
8 19	0 31.10	+ 4 31.2	3.763	4.558	8.7	21.7
8 29	0 26.98	+ 4 23.8	3.661	4.548	6.8	21.5
9 8	0 21.78	+ 4 9.7	3.583	4.537	4.6	21.4
9 18	0 15.79	+ 3 50.2	3.533	4.526	2.2	21.2
9 28	0 9.42	+ 3 27.3	3.514	4.515	0.6	21.0
10 8	0 3.12	+ 3 3.5	3.525	4.504	2.9	21.2
10 18	23 57.32	+ 2 41.4	3.566	4.492	5.3	21.4
10 28	23 52.45	+ 2 23.3	3.635	4.480	7.4	21.5

153258 2001 BZ_{63} 9 25.9 252.°26 0.°7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.13	+ 6 29.7	2.540	3.345	12.1	20.5
8 29	0 28.37	+ 6 1.1	2.439	3.331	9.5	20.3
9 8	0 23.00	+ 5 19.9	2.360	3.316	6.5	20.1
9 18	0 16.43	+ 4 28.2	2.308	3.301	3.2	19.8
9 28	0 9.24	+ 3 29.9	2.285	3.286	0.8	19.6
10 8	0 2.13	+ 2 29.8	2.291	3.270	4.1	19.8
10 18	23 55.78	+ 1 33.2	2.325	3.254	7.5	20.0
10 28	23 50.82	+ 0 44.7	2.386	3.238	10.5	20.2

323234 2003 SM_{168} 9 25.9 37.°32 1.°7/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.61	+ 5 2.1	1.163	2.011	20.8	20.3
8 29	0 35.64	+ 5 23.2	1.105	2.020	16.4	20.0
9 8	0 28.52	+ 5 26.6	1.066	2.031	11.3	19.8
9 18	0 19.04	+ 5 13.9	1.047	2.042	5.7	19.5
9 28	0 8.56	+ 4 50.0	1.052	2.053	1.8	19.3
10 8	23 58.68	+ 4 22.5	1.082	2.065	6.7	19.7
10 18	23 50.79	+ 3 58.7	1.135	2.078	12.0	20.0
10 28	23 45.87	+ 3 45.1	1.209	2.091	16.5	20.3

255319 2005 WV_{26} 9 25.9 298.°48 0.°9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.93	+ 6 1.8	2.123	2.939	13.8	20.9
8 29	0 29.26	+ 5 47.4	2.034	2.932	10.9	20.7
9 8	0 23.73	+ 5 19.7	1.967	2.925	7.5	20.4
9 18	0 16.79	+ 4 40.9	1.924	2.918	3.7	20.2
9 28	0 9.16	+ 3 54.8	1.910	2.911	1.0	20.0
10 8	0 1.68	+ 3 6.9	1.923	2.904	4.6	20.2
10 18	23 55.16	+ 2 22.5	1.964	2.897	8.4	20.5
10 28	23 50.31	+ 1 46.7	2.030	2.891	11.8	20.7

315808 2008 GC_{55} 9 25.9 61.°28 1.°0/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.27	+ 0 59.2	1.996	2.831	13.8	21.2
8 29	0 29.41	+ 0 21.4	1.932	2.845	10.6	21.0
9 8	0 23.72	− 0 26.9	1.891	2.859	6.9	20.8
9 18	0 16.72	− 1 21.4	1.875	2.873	3.0	20.6
9 28	0 9.20	− 2 16.5	1.887	2.887	1.7	20.5
10 8	0 2.02	− 3 6.0	1.927	2.901	5.4	20.8
10 18	23 55.95	− 3 45.3	1.994	2.915	9.0	21.0
10 28	23 51.60	− 4 10.9	2.086	2.930	12.2	21.3

207820 2007 TM_{317} 9 25.9 98.°76 1.°2/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.35	+ 7 49.1	1.967	2.777	14.9	20.5
8 29	0 30.34	+ 7 21.7	1.895	2.789	11.7	20.3
9 8	0 24.39	+ 6 38.4	1.845	2.800	8.1	20.1
9 18	0 17.05	+ 5 42.0	1.819	2.811	4.1	19.9
9 28	0 9.11	+ 4 37.7	1.822	2.822	1.2	19.7
10 8	0 1.49	+ 3 31.8	1.852	2.833	4.7	20.0
10 18	23 55.00	+ 2 30.9	1.910	2.844	8.5	20.3
10 28	23 50.31	+ 1 40.5	1.993	2.854	11.9	20.5

389468 2010 ER_{44} 9 25.9 183.°99 5.°3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.14	−11 48.5	2.098	2.947	12.7	21.7
8 29	0 32.43	−12 55.4	2.030	2.948	9.9	21.5
9 8	0 25.76	−14 4.0	1.986	2.948	7.1	21.4
9 18	0 17.66	−15 7.5	1.967	2.947	5.3	21.3
9 28	0 8.95	−15 59.1	1.977	2.946	6.1	21.3
10 8	0 0.53	−16 33.4	2.014	2.944	8.6	21.5
10 18	23 53.23	−16 47.4	2.077	2.942	11.5	21.6
10 28	23 47.74	−16 40.7	2.162	2.940	14.1	21.8

356974 1994 SG_6 9 25.9 54.°84 1.°5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.46	− 2 24.4	1.979	2.816	13.9	20.8
8 29	0 32.67	− 2 34.9	1.912	2.825	10.6	20.6
9 8	0 25.90	− 2 52.1	1.867	2.835	7.0	20.4
9 18	0 17.71	− 3 12.5	1.848	2.845	3.1	20.2
9 28	0 8.95	− 3 31.7	1.856	2.855	2.1	20.2
10 8	0 0.54	− 3 45.0	1.893	2.865	5.7	20.4
10 18	23 53.32	− 3 49.3	1.957	2.875	9.4	20.7
10 28	23 47.97	− 3 42.3	2.045	2.885	12.5	20.9

431748 2008 GO_{28} 9 25.9 257.°42 2.°5/23.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.96	− 2 39.4	1.637	2.483	15.9	22.2
8 29	0 34.59	− 3 12.0	1.550	2.468	12.3	22.0
9 8	0 27.66	− 3 54.8	1.483	2.454	8.2	21.7
9 18	0 18.69	− 4 43.0	1.442	2.438	3.9	21.4
9 28	0 8.65	− 5 29.4	1.427	2.423	3.3	21.3
10 8	23 58.77	− 6 6.7	1.438	2.407	7.5	21.5
10 18	23 50.22	− 6 29.2	1.476	2.391	12.0	21.8
10 28	23 43.97	− 6 33.4	1.535	2.375	16.0	22.0

67158 2000 AX_{199} 9 25.9 132.°24 5.°1/20.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.77	− 9 48.4	2.019	2.873	13.0	18.1
8 29	0 30.61	−11 15.4	1.960	2.882	10.0	17.9
9 8	0 24.53	−12 45.8	1.926	2.891	7.0	17.7
9 18	0 17.11	−14 12.2	1.917	2.900	5.1	17.7
9 28	0 9.12	−15 26.6	1.937	2.908	6.0	17.7
10 8	0 1.47	−16 22.8	1.984	2.916	8.6	17.9
10 18	23 54.96	−16 57.4	2.057	2.924	11.5	18.1
10 28	23 50.22	−17 9.4	2.151	2.931	14.1	18.3

237827 2002 CW_{204} 9 25.9 111.°63 0.°4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.29	+ 2 20.8	1.823	2.652	15.2	21.0
8 29	0 32.74	+ 1 56.5	1.754	2.662	11.8	20.8
9 8	0 26.06	+ 1 20.0	1.706	2.671	7.8	20.5
9 18	0 17.82	+ 0 35.0	1.684	2.681	3.4	20.3
9 28	0 8.92	− 0 12.9	1.689	2.690	1.2	20.2
10 8	0 0.39	− 0 57.5	1.722	2.699	5.6	20.5
10 18	23 53.13	− 1 33.3	1.781	2.707	9.6	20.7
10 28	23 47.87	− 1 56.4	1.865	2.716	13.1	21.0

54281 2000 JP_{47} 9 25.9 97.°85 1.°7/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.57	+ 6 55.2	1.658	2.474	17.0	18.6
8 29	0 34.74	+ 6 58.1	1.590	2.486	13.5	18.4
9 8	0 27.50	+ 6 45.1	1.542	2.498	9.3	18.1
9 18	0 18.50	+ 6 18.1	1.518	2.510	4.8	17.9
9 28	0 8.74	+ 5 41.3	1.521	2.521	1.8	17.7
10 8	23 59.39	+ 5 0.9	1.551	2.532	5.4	18.0
10 18	23 51.50	+ 4 23.2	1.607	2.543	9.7	18.3
10 28	23 45.86	+ 3 54.0	1.688	2.554	13.5	18.6

331361 2012 DY_{17} 9 25.9 92.°44 7.°6/30.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 51.74	+16 40.6	1.586	2.340	20.2	20.3
8 29	0 44.53	+18 15.0	1.519	2.359	17.0	20.1
9 8	0 34.25	+19 29.5	1.470	2.379	13.4	19.9
9 18	0 21.61	+20 19.4	1.445	2.398	9.9	19.7
9 28	0 7.88	+20 42.3	1.446	2.416	7.7	19.7
10 8	23 54.62	+20 40.6	1.475	2.435	8.4	19.8
10 18	23 43.23	+20 20.6	1.529	2.453	11.1	20.0
10 28	23 34.75	+19 51.4	1.608	2.470	14.2	20.2

462800 2010 PT_{59} 9 25.9 43.°35 4.°5/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.79	+12 10.4	1.074	1.909	23.0	20.3
8 29	0 33.61	+12 28.6	1.024	1.925	18.7	20.0
9 8	0 27.23	+12 18.8	0.990	1.942	13.6	19.8
9 18	0 18.47	+11 41.5	0.975	1.960	8.2	19.6
9 28	0 8.78	+10 42.2	0.983	1.979	4.6	19.4
10 8	23 59.78	+ 9 31.2	1.014	1.998	7.0	19.7
10 18	23 52.87	+ 8 20.2	1.068	2.018	11.8	20.0
10 28	23 48.98	+ 7 19.8	1.144	2.038	16.3	20.3

409314 2004 TV_{180} 9 25.9 264.°37 0.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.32	+ 7 28.7	2.434	3.241	12.5	20.9
8 29	0 27.07	+ 6 11.6	2.331	3.226	9.8	20.7
9 8	0 22.20	+ 4 37.1	2.251	3.210	6.6	20.5
9 18	0 16.11	+ 2 49.2	2.199	3.194	3.0	20.2
9 28	0 9.39	+ 0 53.7	2.177	3.178	0.8	20.0
10 8	0 2.77	− 1 1.6	2.186	3.162	4.6	20.3
10 18	23 56.94	− 2 49.2	2.224	3.146	8.2	20.5
10 28	23 52.50	− 4 22.7	2.289	3.129	11.4	20.7

229826 2008 UK_8 9 25.9 304.°74 0.°1/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.28	+ 2 23.5	4.273	5.083	7.5	20.4
8 29	0 23.18	+ 2 4.1	4.180	5.077	5.8	20.3
9 8	0 19.23	+ 1 39.3	4.111	5.072	3.8	20.2
9 18	0 14.66	+ 1 10.6	4.070	5.066	1.7	20.0
9 28	0 9.80	+ 0 40.3	4.060	5.061	0.5	19.9
10 8	0 5.03	+ 0 10.6	4.079	5.055	2.7	20.1
10 18	0 0.68	− 0 16.2	4.128	5.050	4.7	20.2
10 28	23 57.07	− 0 38.0	4.204	5.045	6.6	20.3

347979 2003 SZ_{90} 9 25.9 300.°75 0.°4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.48	− 0 14.0	1.742	2.573	15.7	20.3
8 29	0 36.28	− 0 0.7	1.660	2.569	12.3	20.1
9 8	0 28.61	+ 0 4.5	1.599	2.564	8.2	19.8
9 18	0 19.07	+ 0 3.8	1.562	2.559	3.6	19.6
9 28	0 8.60	+ 0 1.1	1.554	2.555	1.2	19.4
10 8	23 58.38	+ 0 0.5	1.573	2.550	5.9	19.7
10 18	23 49.52	+ 0 5.9	1.618	2.546	10.3	19.9
10 28	23 42.89	+ 0 20.4	1.688	2.542	14.1	20.2

6447 Terrycole 9 25.9 340.°58 14.°4/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.22	+35 6.7	1.081	1.812	29.0	17.1
8 29	0 27.09	+35 51.2	1.007	1.806	26.5	16.9
9 8	0 23.53	+35 46.9	0.943	1.801	23.4	16.7
9 18	0 17.09	+34 42.8	0.891	1.796	19.9	16.4
9 28	0 9.11	+32 33.2	0.856	1.792	16.5	16.2
10 8	0 1.45	+29 23.5	0.839	1.789	14.5	16.1
10 18	23 55.86	+25 31.2	0.844	1.787	15.1	16.1
10 28	23 53.63	+21 23.8	0.871	1.785	17.9	16.3

286356 2001 XY_{131} 9 25.9 206.°61 3.°8/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.03	+12 54.3	1.507	2.311	19.0	20.9
8 29	0 33.28	+12 51.6	1.426	2.309	15.5	20.6
9 8	0 26.87	+12 25.1	1.363	2.306	11.4	20.4
9 18	0 18.36	+11 35.0	1.322	2.304	7.0	20.1
9 28	0 8.79	+10 25.3	1.306	2.301	3.8	19.9
10 8	23 59.48	+ 9 4.1	1.316	2.298	6.1	20.1
10 18	23 51.64	+ 7 41.3	1.352	2.294	10.5	20.3
10 28	23 46.25	+ 6 26.8	1.411	2.291	14.8	20.6

354525 2004 RZ_{90} 9 25.9 35.°15 4.°8/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.94	+14 26.2	0.865	1.718	25.8	19.6
8 29	0 30.26	+14 19.6	0.828	1.739	20.9	19.4
9 8	0 25.13	+13 35.9	0.805	1.762	15.3	19.2
9 18	0 17.54	+12 17.8	0.800	1.786	9.3	19.0
9 28	0 9.07	+10 34.9	0.815	1.811	4.9	18.9
10 8	0 1.50	+ 8 43.1	0.851	1.838	7.3	19.1
10 18	23 56.22	+ 6 58.2	0.910	1.865	12.4	19.5
10 28	23 54.06	+ 5 32.6	0.988	1.893	17.2	19.9

407072 2009 SM_{194} 9 25.9 344.°19 0.°7/26.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.48	+ 3 53.1	1.723	2.560	15.6	20.9
8 29	0 29.37	+ 3 54.8	1.639	2.549	12.3	20.6
9 8	0 24.06	+ 3 43.5	1.575	2.540	8.4	20.4
9 18	0 17.04	+ 3 21.5	1.536	2.531	4.0	20.1
9 28	0 9.16	+ 2 52.8	1.522	2.523	1.0	19.9
10 8	0 1.46	+ 2 23.1	1.535	2.516	5.4	20.2
10 18	23 54.93	+ 1 57.9	1.573	2.510	9.8	20.4
10 28	23 50.39	+ 1 42.1	1.635	2.505	13.6	20.6

446565 2014 OF_{107} 9 25.9 135.°68 2.°6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.57	− 4 6.4	2.264	3.107	12.1	21.0
8 29	0 28.77	− 4 55.7	2.190	3.108	9.3	20.8
9 8	0 23.27	− 5 51.7	2.139	3.109	6.1	20.6
9 18	0 16.56	− 6 49.6	2.115	3.110	3.2	20.4
9 28	0 9.31	− 7 43.8	2.119	3.111	3.2	20.4
10 8	0 2.28	− 8 28.9	2.152	3.112	6.1	20.6
10 18	23 56.18	− 9 0.9	2.211	3.113	9.3	20.8
10 28	23 51.63	− 9 17.4	2.295	3.114	12.1	21.0

440764 2006 FA_{54} 9 25.9 79.°24 1.°5/27.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.29	+11 3.0	1.787	2.593	16.4	21.6
8 29	0 29.66	+10 4.9	1.723	2.612	13.0	21.4
9 8	0 23.99	+ 8 45.6	1.680	2.632	9.0	21.2
9 18	0 16.89	+ 7 9.2	1.662	2.652	4.7	21.0
9 28	0 9.23	+ 5 23.0	1.671	2.671	1.5	20.8
10 8	0 1.99	+ 3 36.1	1.708	2.690	4.9	21.1
10 18	23 56.02	+ 1 57.4	1.774	2.710	8.9	21.4
10 28	23 51.95	+ 0 34.1	1.864	2.728	12.5	21.7

344983 2004 XS_{150} 9 25.9 28.°85 10.°0/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.83	−21 23.8	1.481	2.345	16.3	19.5
8 29	0 35.21	−22 34.2	1.436	2.350	13.4	19.3
9 8	0 27.89	−23 35.9	1.411	2.356	11.0	19.2
9 18	0 18.67	−24 18.6	1.409	2.363	10.0	19.2
9 28	0 8.77	−24 34.1	1.431	2.369	10.9	19.2
10 8	23 59.52	−24 18.4	1.476	2.377	13.3	19.4
10 18	23 52.04	−23 32.2	1.542	2.384	16.0	19.6
10 28	23 47.12	−22 19.7	1.627	2.392	18.5	19.8

437734 2014 EE_{9} 9 25.9 221.°64 0.°3/25.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.87	+ 0 42.2	4.426	5.237	7.2	21.2
8 29	0 24.34	+ 0 30.9	4.337	5.236	5.5	21.0
9 8	0 19.96	+ 0 15.3	4.274	5.235	3.6	20.9
9 18	0 14.99	− 0 3.1	4.238	5.235	1.6	20.7
9 28	0 9.74	− 0 22.4	4.233	5.234	0.6	20.6
10 8	0 4.59	− 0 40.6	4.258	5.233	2.7	20.8
10 18	23 59.86	− 0 55.9	4.313	5.232	4.7	21.0
10 28	23 55.88	− 1 6.4	4.396	5.231	6.4	21.1

223400 2003 SS_{123} 9 25.9 81.°50 0.°2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.83	+ 2 19.9	2.355	3.165	12.8	20.2
8 29	0 33.33	+ 2 21.9	2.291	3.187	9.9	20.1
9 8	0 26.14	+ 2 15.6	2.250	3.209	6.6	19.9
9 18	0 17.79	+ 2 2.9	2.236	3.231	3.0	19.7
9 28	0 9.01	+ 1 47.2	2.251	3.253	0.7	19.6
10 8	0 0.59	+ 1 31.9	2.297	3.274	4.3	19.9
10 18	23 53.23	+ 1 20.5	2.370	3.296	7.6	20.1
10 28	23 47.50	+ 1 15.6	2.470	3.317	10.4	20.3

176114 2001 DL_{57} 9 25.9 35.°55 1.°8/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.26	+ 5 12.5	1.163	2.011	20.8	19.7
8 29	0 35.34	+ 5 35.6	1.108	2.023	16.4	19.4
9 8	0 28.31	+ 5 40.8	1.070	2.035	11.3	19.2
9 18	0 18.98	+ 5 29.9	1.054	2.048	5.7	18.9
9 28	0 8.69	+ 5 7.5	1.061	2.062	1.9	18.7
10 8	23 59.03	+ 4 41.1	1.093	2.077	6.7	19.1
10 18	23 51.36	+ 4 18.0	1.148	2.092	11.8	19.4
10 28	23 46.61	+ 4 4.6	1.225	2.108	16.3	19.7

229692 2007 DP_{82} 9 25.9 315.°49 0.°3/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.14	+ 4 20.6	1.373	2.222	18.1	21.2
8 29	0 30.55	+ 4 3.1	1.287	2.205	14.4	20.9
9 8	0 25.24	+ 3 27.1	1.221	2.190	9.8	20.6
9 18	0 17.71	+ 2 35.5	1.177	2.174	4.5	20.2
9 28	0 8.99	+ 1 34.8	1.158	2.159	1.1	20.0
10 8	0 0.39	+ 0 33.9	1.163	2.145	6.7	20.3
10 18	23 53.23	− 0 18.2	1.192	2.131	12.0	20.6
10 28	23 48.57	− 0 54.3	1.243	2.118	16.7	20.8

130129 1999 XS_{127} 9 25.9 304.°87 17.°3/ 5.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.20	−24 28.7	0.951	1.853	19.9	18.6
8 29	0 28.78	−28 52.9	0.912	1.839	17.8	18.5
9 8	0 24.73	−33 7.8	0.895	1.825	17.4	18.4
9 18	0 17.65	−36 46.0	0.899	1.812	18.9	18.4
9 28	0 9.00	−39 24.8	0.921	1.799	21.7	18.5
10 8	0 0.75	−40 53.8	0.959	1.786	24.7	18.7
10 18	23 54.70	−41 14.5	1.009	1.774	27.6	18.9
10 28	23 52.12	−40 35.8	1.067	1.763	30.0	19.1

305276 2007 YS_{58} 9 25.9 258.°43 2.°4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.32	+ 9 24.4	2.204	2.996	14.1	21.3
8 29	0 31.95	+ 9 30.7	2.102	2.981	11.4	21.1
9 8	0 25.61	+ 9 23.1	2.021	2.966	8.2	20.9
9 18	0 17.72	+ 9 2.1	1.965	2.950	4.7	20.6
9 28	0 9.00	+ 8 30.2	1.937	2.934	2.4	20.4
10 8	0 0.33	+ 7 51.4	1.938	2.918	4.6	20.6
10 18	23 52.58	+ 7 11.1	1.966	2.902	8.2	20.8
10 28	23 46.53	+ 6 34.6	2.021	2.885	11.6	20.9

302790 2002 XP_{81} 9 25.9 312.°99 5.°7/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.72	+16 13.5	1.758	2.539	17.5	20.2
8 29	0 30.60	+16 47.8	1.658	2.520	14.8	19.9
9 8	0 25.09	+17 2.1	1.576	2.501	11.6	19.7
9 18	0 17.61	+16 54.1	1.516	2.482	8.2	19.5
9 28	0 9.01	+16 24.1	1.481	2.464	5.9	19.3
10 8	0 0.40	+15 36.0	1.471	2.446	6.7	19.3
10 18	23 52.91	+14 36.7	1.487	2.428	9.9	19.4
10 28	23 47.54	+13 34.8	1.527	2.411	13.5	19.6

187908 2000 UD_{62} 9 25.9 310.°53 5.°0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.40	+18 9.1	1.965	2.733	16.4	20.0
8 29	0 27.69	+18 7.2	1.865	2.718	13.8	19.8
9 8	0 22.92	+17 42.6	1.783	2.702	10.8	19.6
9 18	0 16.55	+16 54.3	1.723	2.687	7.6	19.4
9 28	0 9.32	+15 44.5	1.689	2.672	5.2	19.2
10 8	0 2.16	+14 18.6	1.681	2.658	5.8	19.2
10 18	23 56.01	+12 44.5	1.700	2.643	8.7	19.4
10 28	23 51.68	+11 11.6	1.745	2.629	12.1	19.5

261911 2006 JA_{81} 9 25.9 63.°26 0.°1/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.13	+ 4 59.3	1.236	2.084	19.8	21.1
8 29	0 33.40	+ 4 22.6	1.185	2.102	15.4	20.9
9 8	0 26.84	+ 3 25.8	1.152	2.120	10.3	20.7
9 18	0 18.26	+ 2 14.4	1.141	2.138	4.6	20.4
9 28	0 8.91	+ 0 57.4	1.155	2.157	1.2	20.3
10 8	0 0.21	− 0 14.7	1.195	2.175	6.8	20.7
10 18	23 53.35	− 1 13.3	1.258	2.194	11.8	21.0
10 28	23 49.15	− 1 52.4	1.343	2.213	16.0	21.3

205122 1999 VE_{92} 9 25.9 329.°47 2.°8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.93	+12 54.8	1.415	2.241	18.9	19.1
8 29	0 25.66	+12 19.3	1.325	2.224	15.4	18.8
9 8	0 21.92	+11 14.5	1.254	2.207	11.2	18.5
9 18	0 16.20	+ 9 41.7	1.203	2.191	6.5	18.2
9 28	0 9.41	+ 7 47.0	1.177	2.176	2.9	17.9
10 8	0 2.75	+ 5 41.6	1.177	2.162	5.9	18.1
10 18	23 57.40	+ 3 38.8	1.201	2.149	11.0	18.3
10 28	23 54.32	+ 1 50.9	1.248	2.137	15.6	18.6

359678 2011 ST_{125} 9 25.9 5.°94 0.°5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.83	+ 5 28.7	1.650	2.485	16.2	20.7
8 29	0 28.87	+ 5 0.3	1.576	2.486	12.7	20.5
9 8	0 23.70	+ 4 15.0	1.522	2.486	8.6	20.3
9 18	0 16.87	+ 3 16.4	1.492	2.487	4.0	20.0
9 28	0 9.26	+ 2 10.5	1.488	2.489	0.9	19.8
10 8	0 1.95	+ 1 5.3	1.510	2.491	5.6	20.1
10 18	23 55.88	+ 0 8.0	1.558	2.494	10.0	20.4
10 28	23 51.83	− 0 35.4	1.630	2.497	13.8	20.6

63278 2001 DJ_{29} 9 25.9 222.°34 0.°7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 24.99	− 1 9.2	4.946	5.766	6.4	20.4
8 29	0 22.10	− 1 43.1	4.855	5.761	4.8	20.2
9 8	0 18.47	− 2 20.9	4.790	5.755	3.1	20.1
9 18	0 14.34	− 3 0.8	4.753	5.750	1.4	20.0
9 28	0 9.96	− 3 40.5	4.747	5.745	1.1	19.9
10 8	0 5.66	− 4 17.9	4.772	5.739	2.7	20.1
10 18	0 1.71	− 4 51.0	4.826	5.734	4.5	20.2
10 28	23 58.39	− 5 18.0	4.908	5.728	6.1	20.3

189196 2003 QH_{28} 9 25.9 6.°74 9.°5/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 43.53	+18 54.8	1.598	2.355	19.9	18.9
8 29	0 38.50	+21 2.9	1.522	2.357	17.2	18.7
9 8	0 30.51	+22 53.4	1.464	2.360	14.2	18.5
9 18	0 20.11	+24 19.9	1.429	2.365	11.4	18.3
9 28	0 8.37	+25 17.4	1.418	2.371	9.7	18.3
10 8	23 56.75	+25 45.8	1.431	2.378	9.9	18.3
10 18	23 46.65	+25 49.1	1.470	2.387	12.0	18.4
10 28	23 39.24	+25 35.8	1.531	2.396	14.6	18.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
228020	2008 FQ_{15}		9 25.9	37.°07	8.°1/20.0	18
	h m	° ′			°	m
8 19	0 38.07	−14 6.0	1.260	2.137	17.7	19.5
8 29	0 34.15	−15 16.8	1.216	2.147	13.9	19.3
9 8	0 27.35	−16 26.1	1.191	2.157	10.3	19.1
9 18	0 18.49	−17 23.2	1.189	2.168	8.2	19.0
9 28	0 8.88	−17 58.1	1.210	2.179	9.1	19.1
10 8	23 59.97	−18 4.6	1.255	2.191	12.2	19.3
10 18	23 52.96	−17 41.9	1.321	2.203	15.7	19.6
10 28	23 48.65	−16 52.5	1.407	2.215	18.8	19.8
353022	2009 BF_{178}		9 25.9	19.°52	5.°7/29.9	18
8 19	0 40.95	+13 25.3	1.646	2.433	18.3	20.3
8 29	0 36.13	+14 33.0	1.569	2.436	15.2	20.1
9 8	0 28.68	+15 23.6	1.512	2.441	11.6	19.8
9 18	0 19.18	+15 54.5	1.477	2.445	8.1	19.7
9 28	0 8.66	+16 5.2	1.467	2.451	5.8	19.5
10 8	23 58.38	+15 58.7	1.484	2.456	6.9	19.6
10 18	23 49.56	+15 40.4	1.527	2.463	10.1	19.8
10 28	23 43.14	+15 17.6	1.593	2.470	13.5	20.1
358176	2006 SA_{68}		9 25.9	329.°53	1.°6/24.6	18
8 19	0 34.64	− 1 28.0	1.621	2.473	15.7	20.6
8 29	0 31.21	− 1 43.7	1.539	2.460	12.2	20.3
9 8	0 25.38	− 2 9.5	1.477	2.449	8.1	20.1
9 18	0 17.69	− 2 41.1	1.439	2.437	3.6	19.8
9 28	0 9.06	− 3 12.7	1.427	2.427	2.4	19.7
10 8	0 0.63	− 3 38.0	1.442	2.416	6.8	19.9
10 18	23 53.48	− 3 51.8	1.481	2.407	11.2	20.2
10 28	23 48.49	− 3 50.6	1.543	2.398	15.1	20.4
448711	2010 YT_3		9 25.9	264.°20	8.°7/15.2	18
8 19	0 36.56	−25 36.3	2.288	3.129	12.1	20.6
8 29	0 31.97	−26 50.8	2.232	3.124	10.3	20.5
9 8	0 25.46	−27 56.9	2.200	3.119	9.0	20.4
9 18	0 17.58	−28 47.5	2.192	3.114	8.8	20.4
9 28	0 9.12	−29 16.2	2.209	3.109	9.7	20.4
10 8	0 0.98	−29 19.8	2.251	3.104	11.3	20.5
10 18	23 53.98	−28 57.8	2.315	3.099	13.2	20.6
10 28	23 48.76	−28 12.2	2.399	3.094	15.0	20.8
330362	2006 VB_{161}		9 25.9	328.°91	0.°8/26.6	18
8 19	0 31.41	+ 7 0.2	1.273	2.122	19.3	20.8
8 29	0 29.32	+ 6 28.6	1.196	2.112	15.3	20.6
9 8	0 24.45	+ 5 33.1	1.137	2.104	10.5	20.3
9 18	0 17.37	+ 4 17.0	1.100	2.095	5.1	19.9
9 28	0 9.15	+ 2 48.3	1.086	2.088	1.2	19.6
10 8	0 1.18	+ 1 18.3	1.097	2.081	6.7	20.0
10 18	23 54.75	− 0 2.0	1.132	2.074	12.2	20.3
10 28	23 50.89	− 1 3.2	1.188	2.069	16.9	20.6
382542	2001 UJ_{28}		9 25.9	328.°93	2.°7/23.9	18
8 19	0 34.06	− 2 34.0	1.284	2.153	17.9	20.4
8 29	0 31.40	− 2 59.8	1.206	2.138	14.0	20.2
9 8	0 25.86	− 3 37.7	1.148	2.124	9.3	19.9
9 18	0 18.02	− 4 21.9	1.112	2.110	4.4	19.5
9 28	0 8.98	− 5 4.2	1.100	2.097	3.6	19.5
10 8	0 0.16	− 5 36.0	1.112	2.085	8.4	19.7
10 18	23 52.92	− 5 50.7	1.147	2.075	13.5	20.0
10 28	23 48.32	− 5 44.6	1.202	2.065	18.0	20.2
363661	2004 TL_5		9 25.9	351.°67	1.°0/24.9	18
8 19	0 33.29	+ 0 22.3	2.015	2.851	13.7	21.1
8 29	0 29.59	− 0 2.4	1.936	2.849	10.5	20.9
9 8	0 23.98	− 0 37.0	1.880	2.848	6.9	20.7
9 18	0 16.97	− 1 17.9	1.849	2.846	3.0	20.4
9 28	0 9.30	− 2 0.1	1.845	2.845	1.6	20.3
10 8	0 1.86	− 2 37.9	1.870	2.844	5.5	20.6
10 18	23 55.46	− 3 6.8	1.921	2.844	9.2	20.8
10 28	23 50.79	− 3 23.1	1.996	2.844	12.5	21.0
484904	2009 RL_{37}		9 25.9	85.°25	0.°1/25.8	18
8 19	0 35.84	+ 1 44.7	2.298	3.118	12.7	21.0
8 29	0 31.28	+ 1 39.3	2.217	3.119	9.9	20.8
9 8	0 24.97	+ 1 25.1	2.159	3.121	6.6	20.6
9 18	0 17.38	+ 1 4.7	2.127	3.123	2.9	20.4
9 28	0 9.20	+ 0 41.5	2.124	3.125	0.9	20.2
10 8	0 1.24	+ 0 19.6	2.149	3.127	4.6	20.5
10 18	23 54.24	+ 0 2.7	2.203	3.129	8.1	20.8
10 28	23 48.83	− 0 6.0	2.282	3.130	11.1	21.0
340367	2006 DF_{129}		9 25.9	5.°93	2.°9/23.8	18
8 19	0 34.22	− 3 10.6	1.298	2.168	17.8	20.0
8 29	0 31.24	− 3 40.5	1.236	2.168	13.7	19.7
9 8	0 25.53	− 4 20.8	1.193	2.169	9.0	19.5
9 18	0 17.77	− 5 5.4	1.173	2.171	4.3	19.2
9 28	0 9.10	− 5 45.9	1.177	2.174	3.7	19.2
10 8	0 0.86	− 6 14.6	1.205	2.177	8.2	19.5
10 18	23 54.26	− 6 26.1	1.257	2.182	12.8	19.7
10 28	23 50.19	− 6 17.7	1.329	2.188	16.9	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
39118	2000 WD_{35}		9 25.9	348.°81	2.°5/28.7	18 R
	h m	° ′			°	m
8 19	0 29.88	+12 6.1	1.895	2.698	15.7	18.2
8 29	0 27.18	+11 38.8	1.810	2.694	12.7	18.0
9 8	0 22.51	+10 51.1	1.745	2.691	9.1	17.8
9 18	0 16.35	+ 9 44.7	1.703	2.689	5.3	17.5
9 28	0 9.48	+ 8 24.3	1.689	2.686	2.5	17.4
10 8	0 2.80	+ 6 57.2	1.701	2.684	4.8	17.5
10 18	23 57.19	+ 5 31.5	1.741	2.683	8.6	17.7
10 28	23 53.36	+ 4 14.9	1.806	2.682	12.2	18.0
224967	2007 EL_{47}		9 25.9	268.°44	2.°2/27.9	18
8 19	0 35.32	+10 17.1	1.798	2.603	16.3	20.8
8 29	0 31.74	+ 9 58.0	1.693	2.581	13.2	20.6
9 8	0 25.82	+ 9 18.4	1.608	2.558	9.5	20.3
9 18	0 17.97	+ 8 19.4	1.546	2.534	5.3	20.0
9 28	0 9.02	+ 7 5.0	1.511	2.510	2.2	19.7
10 8	0 0.05	+ 5 42.3	1.504	2.486	5.4	19.9
10 18	23 52.17	+ 4 20.1	1.523	2.461	10.0	20.1
10 28	23 46.33	+ 3 7.0	1.567	2.436	14.2	20.3
360984	2005 UT_{325}		9 25.9	159.°31	1.°1/24.6	18
8 19	0 34.09	− 0 1.8	2.507	3.331	11.7	21.7
8 29	0 29.77	− 0 36.0	2.429	3.336	9.0	21.5
9 8	0 23.89	− 1 18.3	2.374	3.340	5.9	21.4
9 18	0 16.87	− 2 5.3	2.347	3.344	2.6	21.2
9 28	0 9.36	− 2 52.5	2.348	3.347	1.6	21.1
10 8	0 2.06	− 3 35.4	2.379	3.350	4.8	21.3
10 18	23 55.63	− 4 9.9	2.438	3.353	7.9	21.5
10 28	23 50.62	− 4 33.2	2.523	3.355	10.7	21.7
396395	2014 DZ_{130}		9 25.9	341.°76	0.°8/24.3	18
8 19	0 26.48	− 1 25.8	4.261	5.083	7.3	21.3
8 29	0 23.35	− 1 50.2	4.175	5.082	5.5	21.2
9 8	0 19.36	− 2 18.7	4.115	5.081	3.6	21.0
9 18	0 14.78	− 2 49.2	4.083	5.080	1.6	20.9
9 28	0 9.92	− 3 19.6	4.081	5.079	1.1	20.8
10 8	0 5.16	− 3 47.4	4.109	5.078	3.1	21.0
10 18	0 0.83	− 4 10.5	4.166	5.077	5.0	21.1
10 28	23 57.25	− 4 27.3	4.250	5.076	6.8	21.3
482649	2013 BF_{13}		9 25.9	318.°67	6.°0/20.9	17
8 19	0 33.69	− 9 50.1	1.454	2.327	16.0	21.2
8 29	0 30.89	−10 49.4	1.371	2.303	12.5	20.9
9 8	0 25.43	−11 54.8	1.309	2.280	8.9	20.7
9 18	0 17.83	−12 58.1	1.269	2.257	6.2	20.5
9 28	0 9.07	−13 49.1	1.255	2.235	7.1	20.5
10 8	0 0.45	−14 19.4	1.265	2.214	10.7	20.6
10 18	23 53.22	−14 23.8	1.297	2.193	14.8	20.8
10 28	23 48.40	−14 0.8	1.348	2.173	18.6	21.0
449733	2014 NN_{30}		9 25.9	34.°63	7.°0/17.6	18
8 19	0 30.40	−13 49.6	1.787	2.658	13.6	20.1
8 29	0 27.50	−15 41.5	1.744	2.672	10.6	19.9
9 8	0 22.62	−17 32.8	1.725	2.686	8.1	19.8
9 18	0 16.34	−19 14.2	1.731	2.700	7.0	19.8
9 28	0 9.52	−20 36.5	1.763	2.715	8.2	19.9
10 8	0 3.09	−21 33.6	1.820	2.731	10.6	20.1
10 18	23 57.88	−22 2.9	1.901	2.746	13.2	20.3
10 28	23 54.50	−22 5.0	2.001	2.763	15.6	20.5
232201	2002 GM_{90}		9 25.9	204.°28	0.°4/26.3	18
8 19	0 34.69	+ 5 32.6	1.892	2.713	15.0	21.1
8 29	0 30.84	+ 5 0.6	1.809	2.711	11.8	20.9
9 8	0 24.92	+ 4 13.2	1.748	2.709	8.0	20.6
9 18	0 17.44	+ 3 13.4	1.712	2.707	3.7	20.4
9 28	0 9.21	+ 2 6.9	1.703	2.705	0.9	20.2
10 8	0 1.20	+ 1 0.6	1.723	2.702	5.2	20.5
10 18	23 54.32	+ 0 1.3	1.769	2.699	9.3	20.7
10 28	23 49.32	− 0 45.4	1.839	2.696	13.0	20.9
216402	2008 ET_{96}		9 25.9	347.°35	0.°3/25.6	18
8 19	0 32.52	+ 3 13.6	1.817	2.653	15.0	20.9
8 29	0 29.24	+ 2 42.9	1.739	2.650	11.6	20.7
9 8	0 23.89	+ 1 58.4	1.681	2.648	7.7	20.5
9 18	0 16.98	+ 1 3.8	1.648	2.645	3.4	20.2
9 28	0 9.33	+ 0 4.8	1.642	2.644	1.1	20.1
10 8	0 1.92	− 0 51.6	1.664	2.642	5.5	20.4
10 18	23 55.65	− 1 39.2	1.711	2.641	9.7	20.6
10 28	23 51.26	− 2 13.0	1.783	2.640	13.3	20.8
110874	2001 UQ_{96}		9 25.9	75.°02	1.°7/24.3	18
8 19	0 35.75	− 1 14.2	1.928	2.766	14.1	19.7
8 29	0 31.41	− 1 47.8	1.866	2.781	10.8	19.6
9 8	0 25.12	− 2 30.2	1.826	2.795	7.0	19.4
9 18	0 17.45	− 3 16.8	1.812	2.809	3.1	19.1
9 28	0 9.23	− 4 2.0	1.826	2.824	2.3	19.1
10 8	0 1.39	− 4 40.0	1.867	2.838	5.9	19.4
10 18	23 54.76	− 5 6.6	1.936	2.852	9.5	19.6
10 28	23 49.95	− 5 19.0	2.028	2.867	12.7	19.9

438317 2006 JX 9 25.9 175.°15 12.°7/ 8.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 45.78	+36 6.5	1.509	2.160	24.8	23.6
8 29	0 40.77	+36 34.3	1.424	2.166	22.5	23.4
9 8	0 32.26	+36 22.3	1.351	2.170	19.7	23.2
9 18	0 20.96	+35 22.2	1.293	2.173	16.7	23.0
9 28	0 8.26	+33 29.7	1.256	2.174	14.0	22.9
10 8	23 55.98	+30 49.6	1.243	2.173	12.7	22.8
10 18	23 45.77	+27 35.8	1.254	2.171	13.6	22.9
10 28	23 38.85	+24 8.7	1.291	2.167	16.1	23.0

93607 2000 UQ_{61} 9 25.9 87.°10 1.°6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.13	+ 7 7.0	1.729	2.542	16.5	18.7
8 29	0 34.26	+ 7 4.3	1.666	2.560	13.1	18.5
9 8	0 27.13	+ 6 45.9	1.623	2.578	9.0	18.3
9 18	0 18.39	+ 6 14.0	1.604	2.595	4.6	18.1
9 28	0 8.99	+ 5 33.0	1.612	2.612	1.6	17.9
10 8	0 0.04	+ 4 49.2	1.648	2.630	5.2	18.2
10 18	23 52.49	+ 4 8.6	1.711	2.646	9.2	18.5
10 28	23 47.09	+ 3 36.7	1.798	2.663	12.8	18.8

484087 2006 QY_{33} 9 25.9 352.°96 6.°0/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.36	+11 33.6	1.202	2.039	20.9	20.2
8 29	0 29.57	+12 43.4	1.127	2.027	17.4	19.9
9 8	0 24.82	+13 33.6	1.069	2.018	13.3	19.6
9 18	0 17.64	+14 1.0	1.030	2.010	8.9	19.4
9 28	0 9.14	+14 5.4	1.014	2.004	6.1	19.2
10 8	0 0.82	+13 50.7	1.020	2.000	7.7	19.3
10 18	23 54.13	+13 24.2	1.048	1.999	11.8	19.5
10 28	23 50.22	+12 55.5	1.097	1.999	16.1	19.8

118177 1992 EZ_{13} 9 25.9 247.°84 0.°0/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.39	+ 3 55.1	3.375	4.184	9.3	20.5
8 29	0 25.09	+ 3 21.1	3.280	4.176	7.2	20.3
9 8	0 20.65	+ 2 38.7	3.209	4.169	4.8	20.1
9 18	0 15.41	+ 1 50.3	3.166	4.161	2.2	19.9
9 28	0 9.78	+ 0 58.9	3.152	4.153	0.6	19.8
10 8	0 4.24	+ 0 8.1	3.169	4.146	3.3	20.0
10 18	23 59.25	− 0 38.7	3.214	4.138	5.9	20.2
10 28	23 55.24	− 1 18.2	3.287	4.130	8.2	20.3

205444 2001 OK_{29} 9 25.9 43.°42 1.°4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.35	+ 5 14.4	1.549	2.377	17.4	19.6
8 29	0 33.86	+ 5 26.2	1.492	2.396	13.7	19.5
9 8	0 26.94	+ 5 23.3	1.455	2.415	9.3	19.2
9 18	0 18.31	+ 5 7.9	1.442	2.435	4.7	19.0
9 28	0 9.02	+ 4 44.1	1.455	2.456	1.5	18.9
10 8	0 0.25	+ 4 17.9	1.494	2.476	5.5	19.2
10 18	23 53.02	+ 3 54.9	1.559	2.497	9.8	19.5
10 28	23 48.08	+ 3 40.0	1.648	2.519	13.5	19.8

94289 2001 DD_{68} 9 25.9 239.°50 2.°3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.77	+ 9 55.7	2.620	3.400	12.4	20.0
8 29	0 31.19	+10 4.8	2.519	3.390	10.0	19.8
9 8	0 24.94	+10 2.0	2.439	3.379	7.3	19.6
9 18	0 17.42	+ 9 47.8	2.386	3.368	4.3	19.4
9 28	0 9.25	+ 9 24.2	2.361	3.356	2.3	19.3
10 8	0 1.14	+ 8 54.3	2.365	3.344	4.0	19.4
10 18	23 53.82	+ 8 22.3	2.399	3.332	7.0	19.5
10 28	23 47.92	+ 7 52.5	2.459	3.320	9.9	19.7

159257 2005 YE_{144} 9 25.9 201.°40 0.°8/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.22	+ 6 6.1	2.525	3.329	12.2	20.6
8 29	0 29.19	+ 5 49.8	2.436	3.327	9.6	20.4
9 8	0 23.57	+ 5 22.1	2.371	3.326	6.6	20.2
9 18	0 16.78	+ 4 45.1	2.331	3.323	3.3	20.0
9 28	0 9.44	+ 4 2.2	2.320	3.321	0.9	19.8
10 8	0 2.26	+ 3 17.8	2.339	3.319	4.0	20.0
10 18	23 55.90	+ 2 36.3	2.385	3.316	7.3	20.2
10 28	23 50.95	+ 2 1.8	2.458	3.313	10.2	20.4

488438 2016 XG_{23} 9 25.9 277.°79 2.°9/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.64	− 6 15.7	2.086	2.923	13.2	21.9
8 29	0 34.65	− 6 33.9	1.987	2.901	10.3	21.7
9 8	0 27.50	− 6 56.6	1.911	2.878	6.9	21.4
9 18	0 18.67	− 7 19.7	1.862	2.856	3.7	21.2
9 28	0 8.93	− 7 38.0	1.840	2.833	3.5	21.1
10 8	23 59.26	− 7 46.9	1.848	2.810	6.8	21.3
10 18	23 50.62	− 7 42.9	1.882	2.786	10.5	21.5
10 28	23 43.83	− 7 24.3	1.940	2.763	13.8	21.6

231137 2005 TM_{77} 9 25.9 350.°04 3.°0/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.17	− 1 30.3	1.045	1.934	19.6	19.8
8 29	0 27.23	− 2 10.7	0.980	1.923	15.2	19.5
9 8	0 23.28	− 3 7.7	0.933	1.913	10.0	19.2
9 18	0 16.93	− 4 13.8	0.907	1.906	4.7	18.9
9 28	0 9.39	− 5 18.1	0.902	1.900	4.0	18.8
10 8	0 2.21	− 6 9.1	0.920	1.896	9.3	19.1
10 18	23 56.78	− 6 38.4	0.958	1.893	14.6	19.4
10 28	23 54.17	− 6 41.5	1.015	1.893	19.3	19.7

476802 2008 UG_{168} 9 25.9 270.°30 5.°5/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.71	−11 16.9	1.760	2.615	14.5	21.8
8 29	0 34.16	−12 4.5	1.685	2.606	11.3	21.6
9 8	0 27.24	−12 54.1	1.632	2.597	8.0	21.4
9 18	0 18.55	−13 38.9	1.604	2.588	5.7	21.2
9 28	0 9.00	−14 11.3	1.602	2.579	6.3	21.3
10 8	23 59.75	−14 25.6	1.627	2.570	9.3	21.4
10 18	23 51.82	−14 18.8	1.677	2.561	12.7	21.6
10 28	23 46.04	−13 50.6	1.748	2.552	15.9	21.8

487602 2015 LY_{37} 9 25.9 353.°56 3.°0/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.93	− 1 22.2	1.115	2.002	18.8	19.2
8 29	0 26.07	− 2 9.8	1.051	1.993	14.5	18.9
9 8	0 22.38	− 3 13.8	1.005	1.985	9.5	18.6
9 18	0 16.49	− 4 26.4	0.980	1.979	4.5	18.3
9 28	0 9.54	− 5 37.0	0.977	1.975	4.0	18.3
10 8	0 2.93	− 6 34.2	0.998	1.972	9.0	18.6
10 18	23 57.96	− 7 9.9	1.039	1.972	14.1	18.9
10 28	23 55.59	− 7 19.5	1.100	1.973	18.5	19.1

476095 2007 TG_{88} 9 25.9 337.°48 3.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.84	− 3 11.8	1.470	2.335	16.3	20.6
8 29	0 30.04	− 3 49.5	1.395	2.324	12.6	20.3
9 8	0 24.73	− 4 37.8	1.339	2.314	8.3	20.0
9 18	0 17.49	− 5 30.9	1.307	2.305	4.1	19.8
9 28	0 9.28	− 6 20.7	1.301	2.296	3.8	19.7
10 8	0 1.33	− 6 59.4	1.319	2.288	8.0	20.0
10 18	23 54.76	− 7 21.0	1.361	2.282	12.4	20.2
10 28	23 50.48	− 7 22.3	1.425	2.276	16.4	20.4

186497 2002 TC_{300} 9 25.9 255.°65 4.°2/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.81	− 6 39.0	1.588	2.443	15.8	20.6
8 29	0 34.48	− 7 23.8	1.512	2.436	12.2	20.4
9 8	0 27.60	− 8 15.6	1.457	2.428	8.3	20.1
9 18	0 18.75	− 9 7.6	1.427	2.420	4.8	19.9
9 28	0 8.95	− 9 51.9	1.423	2.412	5.0	19.9
10 8	23 59.43	−10 21.1	1.445	2.403	8.7	20.1
10 18	23 51.34	−10 30.9	1.491	2.395	12.8	20.3
10 28	23 45.58	−10 19.5	1.560	2.386	16.4	20.5

522952 2016 PZ_{113} 9 25.9 348.°15 3.°7/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.30	− 3 55.3	1.390	2.260	16.8	20.8
8 29	0 29.69	− 4 49.1	1.322	2.254	12.9	20.5
9 8	0 24.51	− 5 54.0	1.274	2.249	8.5	20.3
9 18	0 17.38	− 7 2.8	1.249	2.245	4.5	20.0
9 28	0 9.32	− 8 5.9	1.248	2.241	4.6	20.0
10 8	0 1.58	− 8 54.6	1.273	2.239	8.7	20.3
10 18	23 55.32	− 9 22.6	1.321	2.236	13.1	20.5
10 28	23 51.41	− 9 27.1	1.389	2.235	17.0	20.8

22871 Ellenoei 9 25.9 20.°22 5.°2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.12	+10 5.9	1.024	1.870	23.1	17.6
8 29	0 34.22	+11 6.5	0.970	1.878	18.9	17.4
9 8	0 27.92	+11 43.8	0.932	1.887	13.9	17.1
9 18	0 19.00	+11 56.1	0.913	1.898	8.7	16.9
9 28	0 8.90	+11 45.1	0.915	1.909	5.2	16.7
10 8	23 59.40	+11 17.9	0.939	1.923	7.6	16.9
10 18	23 52.03	+10 43.7	0.986	1.937	12.4	17.2
10 28	23 47.86	+10 12.7	1.053	1.953	16.9	17.6

367304 2007 VU_{311} 9 25.9 48.°82 6.°1/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.43	+16 30.1	1.182	1.992	22.8	20.3
8 29	0 33.25	+16 52.5	1.127	2.008	18.9	20.1
9 8	0 27.02	+16 44.3	1.088	2.024	14.4	19.9
9 18	0 18.51	+16 4.8	1.068	2.041	9.7	19.7
9 28	0 9.05	+14 57.9	1.070	2.059	6.4	19.6
10 8	0 0.19	+13 33.3	1.097	2.077	7.4	19.7
10 18	23 53.27	+12 3.2	1.147	2.095	11.3	20.0
10 28	23 49.20	+10 40.0	1.218	2.114	15.4	20.3

316136 2009 SC_{99} 9 25.9 104.°10 3.°5/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.32	+14 37.5	2.409	3.174	13.8	21.1
8 29	0 30.11	+14 42.0	2.328	3.184	11.3	20.9
9 8	0 24.21	+14 30.6	2.269	3.194	8.5	20.8
9 18	0 17.09	+14 3.7	2.234	3.205	5.6	20.6
9 28	0 9.42	+13 23.4	2.227	3.215	3.6	20.5
10 8	0 1.97	+12 34.0	2.248	3.224	4.5	20.6
10 18	23 55.45	+11 40.6	2.297	3.234	7.1	20.8
10 28	23 50.47	+10 48.9	2.373	3.244	9.9	21.0

219135 1998 VL_{42} 9 25.9 158.°29 1.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.70	+ 0 43.6	1.828	2.659	15.1	21.2
8 29	0 33.94	+ 0 12.3	1.754	2.664	11.6	21.0
9 8	0 26.98	− 0 30.3	1.702	2.668	7.7	20.7
9 18	0 18.39	− 1 20.1	1.675	2.673	3.4	20.5
9 28	0 9.08	− 2 11.1	1.677	2.676	1.8	20.4
10 8	0 0.09	− 2 56.8	1.706	2.680	6.0	20.7
10 18	23 52.37	− 3 31.9	1.762	2.682	10.1	20.9
10 28	23 46.68	− 3 52.4	1.842	2.685	13.6	21.2

408421 2013 HA_1 9 25.9 61.°64 3.°5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.91	− 8 23.2	2.100	2.944	12.9	21.1
8 29	0 32.89	− 8 47.9	2.042	2.958	9.9	20.9
9 8	0 26.01	− 9 14.8	2.006	2.973	6.6	20.8
9 18	0 17.86	− 9 39.3	1.997	2.988	3.9	20.6
9 28	0 9.24	− 9 56.5	2.017	3.003	4.0	20.7
10 8	0 1.03	−10 2.5	2.064	3.019	6.7	20.9
10 18	23 53.99	− 9 55.3	2.138	3.034	9.8	21.1
10 28	23 48.72	− 9 34.2	2.235	3.049	12.5	21.3

358759 2008 CO_{189} 9 25.9 90.°50 4.°7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.58	−11 31.3	2.076	2.924	12.9	20.2
8 29	0 32.75	−12 13.0	2.014	2.931	10.0	20.0
9 8	0 26.00	−12 55.3	1.975	2.938	7.0	19.8
9 18	0 17.89	−13 32.4	1.962	2.945	4.9	19.7
9 28	0 9.24	−13 58.8	1.976	2.952	5.4	19.8
10 8	0 0.96	−14 10.0	2.018	2.959	7.9	19.9
10 18	23 53.84	−14 4.1	2.086	2.966	10.8	20.1
10 28	23 48.53	−13 40.8	2.177	2.972	13.4	20.3

401767 2013 LN_{25} 9 25.9 10.°74 7.°5/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 31.46	+28 22.1	2.295	2.980	16.4	20.6
8 29	0 28.27	+28 33.0	2.203	2.981	14.4	20.4
9 8	0 23.20	+28 19.4	2.128	2.981	12.2	20.2
9 18	0 16.71	+27 39.3	2.073	2.982	9.9	20.1
9 28	0 9.53	+26 33.0	2.043	2.983	8.1	20.0
10 8	0 2.54	+25 4.6	2.038	2.984	7.5	20.0
10 18	23 56.55	+23 20.7	2.060	2.985	8.6	20.0
10 28	23 52.26	+21 30.1	2.109	2.986	10.7	20.2

421434 2014 DS_{119} 9 25.9 262.°63 0.°3/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 27.40	+ 0 52.8	4.440	5.251	7.2	21.4
8 29	0 24.05	+ 0 38.0	4.347	5.246	5.5	21.2
9 8	0 19.85	+ 0 18.8	4.280	5.242	3.6	21.1
9 18	0 15.05	− 0 3.5	4.240	5.237	1.6	20.9
9 28	0 9.98	− 0 26.7	4.231	5.232	0.6	20.8
10 8	0 4.99	− 0 48.8	4.252	5.227	2.7	21.0
10 18	0 0.41	− 1 7.9	4.303	5.222	4.7	21.2
10 28	23 56.56	− 1 22.0	4.381	5.217	6.4	21.3

490834 2010 VY_{224} 9 25.9 131.°35 0.°4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.45	+ 0 24.6	4.584	5.398	6.9	22.1
8 29	0 23.28	+ 0 2.8	4.500	5.401	5.3	22.0
9 8	0 19.32	− 0 23.3	4.441	5.404	3.5	21.8
9 18	0 14.81	− 0 52.1	4.411	5.407	1.5	21.7
9 28	0 10.06	− 1 21.4	4.410	5.411	0.7	21.6
10 8	0 5.40	− 1 49.2	4.441	5.413	2.7	21.8
10 18	0 1.14	− 2 13.4	4.500	5.416	4.5	21.9
10 28	23 57.59	− 2 32.3	4.587	5.419	6.2	22.1

344656 2003 SP_{37} 9 25.9 341.°84 0.°5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 26.34	+ 8 52.2	1.367	2.213	18.4	19.9
8 29	0 25.20	+ 7 45.7	1.287	2.202	14.6	19.6
9 8	0 21.63	+ 6 11.1	1.225	2.192	10.0	19.3
9 18	0 16.14	+ 4 13.1	1.187	2.183	4.8	19.0
9 28	0 9.69	+ 2 1.5	1.173	2.174	1.0	18.7
10 8	0 3.45	− 0 10.4	1.185	2.167	6.5	19.0
10 18	23 58.56	− 2 9.2	1.221	2.161	11.7	19.3
10 28	23 55.91	− 3 44.6	1.280	2.157	16.2	19.6

361829 2008 CH_{187} 9 25.9 285.°51 1.°7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 36.50	+ 6 50.9	1.981	2.790	14.8	21.4
8 29	0 32.41	+ 6 57.3	1.878	2.771	11.9	21.2
9 8	0 26.14	+ 6 50.3	1.797	2.751	8.4	20.9
9 18	0 18.13	+ 6 30.8	1.740	2.731	4.5	20.7
9 28	0 9.16	+ 6 1.7	1.711	2.710	1.7	20.4
10 8	0 0.20	+ 5 27.6	1.709	2.690	5.0	20.6
10 18	23 52.24	+ 4 54.0	1.734	2.670	9.1	20.8
10 28	23 46.15	+ 4 26.5	1.784	2.650	12.9	21.0

410117 2007 FU 9 25.9 104.°66 3.°5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.20	− 9 29.1	2.426	3.265	11.5	21.5
8 29	0 32.16	− 9 58.3	2.361	3.275	8.9	21.3
9 8	0 25.46	−10 29.0	2.320	3.284	6.0	21.2
9 18	0 17.63	−10 56.8	2.306	3.294	3.8	21.1
9 28	0 9.34	−11 17.2	2.321	3.304	4.1	21.1
10 8	0 1.36	−11 26.7	2.365	3.313	6.4	21.3
10 18	23 54.38	−11 23.3	2.435	3.322	9.2	21.5
10 28	23 48.96	−11 6.2	2.531	3.331	11.6	21.6

106255 2000 UE_{57} 9 25.9 191.°01 3.°4/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 37.07	− 7 51.0	2.211	3.052	12.4	20.1
8 29	0 32.32	− 8 21.5	2.136	3.052	9.6	19.9
9 8	0 25.73	− 8 55.2	2.085	3.052	6.4	19.7
9 18	0 17.80	− 9 27.4	2.060	3.051	3.8	19.5
9 28	0 9.28	− 9 53.2	2.064	3.051	4.0	19.6
10 8	0 1.03	−10 8.1	2.095	3.050	6.7	19.7
10 18	23 53.81	−10 9.4	2.154	3.049	9.8	19.9
10 28	23 48.29	− 9 55.9	2.237	3.048	12.6	20.1

50408 2000 CZ_{124} 9 25.9 54.°82 3.°1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.15	+ 8 50.9	1.661	2.466	17.4	18.4
8 29	0 35.97	+ 9 25.6	1.598	2.484	14.0	18.2
9 8	0 28.38	+ 9 44.4	1.556	2.503	10.0	18.0
9 18	0 19.03	+ 9 47.6	1.537	2.522	5.8	17.8
9 28	0 8.97	+ 9 37.5	1.545	2.541	3.1	17.7
10 8	23 59.38	+ 9 18.9	1.580	2.560	5.5	17.9
10 18	23 51.29	+ 8 57.2	1.641	2.580	9.3	18.2
10 28	23 45.49	+ 8 38.3	1.727	2.599	12.9	18.4

368871 2006 QB_{112} 9 25.9 352.°25 5.°6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 24.02	+11 22.8	0.875	1.748	23.9	19.8
8 29	0 24.59	+12 9.1	0.811	1.735	19.8	19.5
9 8	0 21.90	+12 26.6	0.761	1.724	14.9	19.2
9 18	0 16.48	+12 12.8	0.728	1.715	9.5	18.9
9 28	0 9.59	+11 30.2	0.714	1.710	5.7	18.7
10 8	0 2.99	+10 28.3	0.719	1.706	7.9	18.8
10 18	23 58.31	+ 9 20.1	0.744	1.706	13.2	19.1
10 28	23 56.82	+ 8 19.5	0.786	1.708	18.5	19.4

518747 2009 SR_{97} 9 25.9 199.°86 0.°3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 34.35	+ 3 52.3	2.570	3.380	11.8	21.9
8 29	0 30.03	+ 3 36.9	2.482	3.377	9.2	21.7
9 8	0 24.13	+ 3 11.9	2.416	3.375	6.2	21.5
9 18	0 17.08	+ 2 39.4	2.378	3.372	2.9	21.3
9 28	0 9.47	+ 2 2.8	2.368	3.369	0.7	21.1
10 8	0 2.02	+ 1 26.2	2.388	3.366	4.1	21.4
10 18	23 55.39	+ 0 53.7	2.436	3.363	7.3	21.6
10 28	23 50.15	+ 0 28.8	2.511	3.359	10.2	21.8

146843 2002 AP_{68} 9 25.9 28.°55 0.°3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.70	+ 4 8.7	1.856	2.685	14.9	20.2
8 29	0 30.07	+ 3 50.9	1.783	2.690	11.7	20.0
9 8	0 24.41	+ 3 19.9	1.732	2.695	7.8	19.8
9 18	0 17.26	+ 2 38.6	1.705	2.700	3.6	19.6
9 28	0 9.44	+ 1 52.2	1.705	2.706	0.8	19.4
10 8	0 1.90	+ 1 6.6	1.732	2.712	5.1	19.7
10 18	23 55.53	+ 0 27.4	1.786	2.719	9.1	19.9
10 28	23 51.01	− 0 0.7	1.864	2.726	12.6	20.2

476710 2008 TM_{172} 9 25.9 356.°18 11.°6/18.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 41.62	−23 17.2	1.247	2.117	18.3	20.6
8 29	0 37.27	−24 8.9	1.196	2.112	15.4	20.4
9 8	0 29.68	−24 48.4	1.163	2.108	12.8	20.2
9 18	0 19.71	−25 4.4	1.151	2.106	11.6	20.1
9 28	0 8.82	−24 47.5	1.161	2.104	12.4	20.2
10 8	23 58.66	−23 54.6	1.194	2.104	14.9	20.3
10 18	23 50.61	−22 28.1	1.246	2.105	17.9	20.5
10 28	23 45.58	−20 34.3	1.317	2.108	20.8	20.7

44728 1999 TT_{15} 9 25.9 282.°89 6.°4/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 33.01	+21 26.4	1.915	2.661	17.4	19.3
8 29	0 29.91	+21 38.7	1.814	2.647	15.0	19.0
9 8	0 24.57	+21 26.5	1.731	2.632	12.1	18.8
9 18	0 17.45	+20 47.8	1.669	2.618	9.1	18.6
9 28	0 9.37	+19 43.1	1.631	2.603	6.8	18.4
10 8	0 1.34	+18 17.3	1.620	2.588	6.9	18.4
10 18	23 54.40	+16 38.5	1.635	2.574	9.3	18.5
10 28	23 49.42	+14 56.6	1.675	2.559	12.6	18.7

483316 2015 VQ_{149} 9 25.9 244.°19 1.°5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 30.31	+10 22.1	2.481	3.274	12.7	21.4
8 29	0 27.04	+ 9 40.7	2.388	3.269	10.1	21.2
9 8	0 22.21	+ 8 43.6	2.318	3.265	7.1	21.0
9 18	0 16.24	+ 7 33.0	2.273	3.261	3.9	20.8
9 28	0 9.71	+ 6 13.1	2.257	3.257	1.5	20.6
10 8	0 3.34	+ 4 49.7	2.271	3.252	3.9	20.8
10 18	23 57.76	+ 3 28.9	2.313	3.248	7.2	21.0
10 28	23 53.56	+ 2 16.5	2.382	3.243	10.2	21.2

236554 2006 HX_{58} 9 25.9 80.°91 6.°0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 38.99	+18 24.8	1.823	2.580	17.8	20.0
8 29	0 34.29	+18 58.8	1.754	2.597	15.0	19.8
9 8	0 27.28	+19 11.0	1.704	2.614	11.7	19.7
9 18	0 18.57	+18 59.9	1.676	2.632	8.5	19.5
9 28	0 9.11	+18 26.8	1.673	2.649	6.2	19.4
10 8	0 0.02	+17 36.6	1.697	2.666	6.6	19.5
10 18	23 52.30	+16 36.5	1.747	2.683	9.1	19.7
10 28	23 46.73	+15 34.6	1.823	2.699	12.1	19.9

327606 2006 ER_{35} 9 25.9 197.°61 0.°2/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8 19	0 35.31	+ 1 38.8	2.601	3.416	11.6	21.3
8 29	0 30.73	+ 1 30.1	2.515	3.415	9.0	21.1
9 8	0 24.58	+ 1 13.6	2.452	3.413	6.0	20.9
9 18	0 17.29	+ 0 51.5	2.416	3.412	2.7	20.7
9 28	0 9.45	+ 0 27.0	2.409	3.410	0.8	20.5
10 8	0 1.78	+ 0 3.8	2.431	3.408	4.2	20.8
10 18	23 54.93	− 0 14.7	2.483	3.406	7.4	21.0
10 28	23 49.49	− 0 25.7	2.560	3.404	10.2	21.2

84490 2002 TK_{280} 9 25.9 357.°39 2.°5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.54	+ 6 7.9	1.222	2.066	20.2	18.9
8 29	0 34.23	+ 6 41.1	1.152	2.063	16.2	18.7
9 8	0 27.85	+ 6 57.0	1.099	2.061	11.4	18.4
9 18	0 19.02	+ 6 56.2	1.068	2.060	6.1	18.1
9 28	0 8.99	+ 6 41.9	1.060	2.059	2.6	17.9
10 8	23 59.29	+ 6 20.3	1.076	2.060	6.6	18.1
10 18	23 51.36	+ 5 58.7	1.115	2.061	11.9	18.4
10 28	23 46.29	+ 5 44.4	1.176	2.064	16.5	18.7

484137 2006 SE_{398} 9 25.9 235.°86 5.°0/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.63	−12 31.8	2.241	3.088	12.1	21.6
8 29	0 32.04	−13 22.1	2.165	3.081	9.4	21.4
9 8	0 25.59	−14 13.2	2.113	3.074	6.8	21.3
9 18	0 17.78	−14 59.3	2.087	3.066	5.1	21.2
9 28	0 9.33	−15 34.4	2.089	3.059	5.7	21.2
10 8	0 1.11	−15 53.9	2.119	3.051	8.1	21.3
10 18	23 53.91	−15 55.3	2.174	3.043	10.9	21.5
10 28	23 48.40	−15 38.0	2.252	3.035	13.5	21.7

438474 2007 ET_{84} 9 25.9 205.°51 4.°1/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.74	− 7 1.6	2.056	2.901	13.1	22.0
8 29	0 32.31	− 8 13.7	1.978	2.896	10.1	21.8
9 8	0 25.87	− 9 32.3	1.923	2.891	6.8	21.6
9 18	0 17.94	−10 50.9	1.895	2.884	4.3	21.5
9 28	0 9.29	−12 2.0	1.896	2.877	4.9	21.5
10 8	0 0.85	−12 58.9	1.924	2.870	7.9	21.7
10 18	23 53.49	−13 37.0	1.979	2.862	11.1	21.9
10 28	23 47.92	−13 54.1	2.056	2.853	14.1	22.0

24098 1999 VC_7 9 25.9 315.°07 7.°7/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.84	−14 17.4	1.286	2.156	17.9	17.8
8 29	0 37.58	−14 55.7	1.213	2.141	14.3	17.6
9 8	0 30.08	−15 32.9	1.161	2.126	10.5	17.3
9 18	0 20.04	−15 59.5	1.130	2.112	7.9	17.1
9 28	0 8.73	−16 5.7	1.123	2.098	8.6	17.2
10 8	23 57.78	−15 45.1	1.140	2.085	12.0	17.3
10 18	23 48.68	−14 56.4	1.179	2.073	16.2	17.5
10 28	23 42.56	−13 41.8	1.237	2.061	20.0	17.7

400721 2009 SJ_{89} 9 25.9 337.°95 2.°4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.33	+10 21.2	1.969	2.774	15.1	20.7
8 29	0 28.29	+10 14.2	1.880	2.767	12.2	20.5
9 8	0 23.30	+ 9 50.2	1.812	2.760	8.7	20.3
9 18	0 16.81	+ 9 10.3	1.768	2.754	5.1	20.1
9 28	0 9.58	+ 8 18.1	1.751	2.748	2.4	19.9
10 8	0 2.50	+ 7 19.3	1.760	2.743	4.7	20.0
10 18	23 56.43	+ 6 20.5	1.797	2.738	8.5	20.2
10 28	23 52.12	+ 5 28.0	1.858	2.734	12.0	20.5

444656 2007 BP_{78} 9 25.9 352.°99 4.°0/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.98	+13 21.8	1.996	2.779	15.6	20.8
8 29	0 31.10	+13 43.2	1.910	2.778	12.9	20.6
9 8	0 25.17	+13 47.5	1.844	2.776	9.7	20.4
9 18	0 17.66	+13 34.4	1.801	2.775	6.3	20.2
9 28	0 9.36	+13 5.8	1.785	2.775	4.1	20.0
10 8	0 1.24	+12 25.9	1.796	2.774	5.3	20.1
10 18	23 54.20	+11 40.5	1.834	2.774	8.4	20.3
10 28	23 49.00	+10 56.1	1.897	2.774	11.7	20.5

364494 2007 EC_8 9 25.9 106.°71 0.°8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.36	+ 3 59.1	2.360	3.165	12.9	20.3
8 29	0 33.19	+ 4 8.3	2.281	3.173	10.1	20.1
9 8	0 26.26	+ 4 8.1	2.225	3.180	6.9	20.0
9 18	0 18.05	+ 4 0.4	2.195	3.188	3.3	19.8
9 28	0 9.28	+ 3 47.6	2.194	3.195	0.9	19.6
10 8	0 0.74	+ 3 33.4	2.223	3.202	4.2	19.8
10 18	23 53.20	+ 3 21.2	2.280	3.210	7.6	20.1
10 28	23 47.27	+ 3 14.4	2.364	3.217	10.6	20.3

241011 2006 OP_{11} 9 25.9 51.°26 4.°6/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.96	− 7 16.0	1.615	2.477	15.2	20.0
8 29	0 31.19	− 8 21.1	1.564	2.491	11.6	19.8
9 8	0 25.18	− 9 31.5	1.534	2.505	7.8	19.6
9 18	0 17.59	−10 39.6	1.529	2.520	4.9	19.4
9 28	0 9.41	−11 37.1	1.551	2.535	5.4	19.5
10 8	0 1.71	−12 17.2	1.598	2.551	8.6	19.7
10 18	23 55.42	−12 36.5	1.670	2.566	12.1	20.0
10 28	23 51.22	−12 33.9	1.764	2.582	15.2	20.2

271431 2004 DL_{38} 9 25.9 195.°56 0.°5/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.56	+ 1 46.5	1.713	2.543	15.9	21.2
8 29	0 34.88	+ 1 30.1	1.633	2.542	12.4	20.9
9 8	0 27.78	+ 1 1.4	1.575	2.540	8.3	20.7
9 18	0 18.86	+ 0 23.8	1.542	2.538	3.7	20.4
9 28	0 9.07	− 0 17.3	1.535	2.536	1.3	20.2
10 8	23 59.54	− 0 55.5	1.556	2.534	6.0	20.6
10 18	23 51.35	− 1 25.0	1.604	2.531	10.4	20.8
10 28	23 45.36	− 1 41.5	1.675	2.528	14.3	21.0

300751 2007 VL_{209} 9 25.9 50.°41 1.°6/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.32	+ 6 58.2	1.719	2.538	16.4	21.0
8 29	0 32.26	+ 6 58.0	1.649	2.546	13.0	20.8
9 8	0 25.96	+ 6 42.2	1.599	2.555	9.0	20.6
9 18	0 18.00	+ 6 12.8	1.572	2.564	4.7	20.3
9 28	0 9.31	+ 5 34.0	1.573	2.573	1.6	20.1
10 8	0 0.96	+ 4 51.8	1.600	2.582	5.2	20.4
10 18	23 53.92	+ 4 12.4	1.654	2.592	9.3	20.7
10 28	23 48.95	+ 3 41.5	1.732	2.601	13.0	20.9

430716 2004 EZ_{33} 9 25.9 187.°64 0.°6/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.88	+ 6 7.5	2.033	2.840	14.6	22.5
8 29	0 33.21	+ 5 38.6	1.947	2.840	11.5	22.3
9 8	0 26.50	+ 4 55.0	1.882	2.839	7.8	22.1
9 18	0 18.24	+ 3 59.3	1.844	2.837	3.8	21.8
9 28	0 9.24	+ 2 56.4	1.834	2.835	0.9	21.6
10 8	0 0.45	+ 1 52.8	1.852	2.832	4.9	21.9
10 18	23 52.76	+ 0 54.8	1.899	2.828	8.9	22.2
10 28	23 46.92	+ 0 7.8	1.971	2.823	12.4	22.4

369275 2009 QX_{13} 9 25.9 58.°62 0.°9/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.07	+ 7 8.7	2.016	2.830	14.5	21.1
8 29	0 29.32	+ 6 39.3	1.953	2.849	11.3	20.9
9 8	0 23.76	+ 5 55.3	1.912	2.868	7.7	20.7
9 18	0 16.94	+ 4 59.7	1.895	2.888	3.8	20.5
9 28	0 9.61	+ 3 57.7	1.907	2.908	1.0	20.4
10 8	0 2.63	+ 2 55.5	1.946	2.927	4.5	20.7
10 18	23 56.74	+ 1 58.9	2.013	2.947	8.2	20.9
10 28	23 52.56	+ 1 12.9	2.105	2.967	11.4	21.2

445434 2010 UL_{51} 9 25.9 5.°08 4.°4/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.37	+14 44.3	1.989	2.767	15.9	20.8
8 29	0 30.65	+15 4.3	1.904	2.767	13.1	20.6
9 8	0 24.88	+15 6.0	1.839	2.767	10.0	20.4
9 18	0 17.54	+14 49.1	1.797	2.767	6.7	20.2
9 28	0 9.44	+14 15.4	1.781	2.768	4.5	20.1
10 8	0 1.52	+13 29.3	1.793	2.769	5.4	20.1
10 18	23 54.68	+12 36.8	1.831	2.771	8.4	20.3
10 28	23 49.68	+11 45.0	1.894	2.772	11.6	20.5

357156 2002 CR_{53} 9 25.9 122.°73 5.°5/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.17	+20 35.3	2.642	3.355	13.9	20.8
8 29	0 33.81	+21 15.3	2.558	3.368	11.8	20.7
9 8	0 26.70	+21 39.0	2.495	3.380	9.5	20.6
9 18	0 18.28	+21 44.9	2.456	3.392	7.2	20.4
9 28	0 9.26	+21 33.3	2.444	3.404	5.7	20.4
10 8	0 0.41	+21 6.6	2.460	3.416	5.8	20.4
10 18	23 52.49	+20 29.0	2.505	3.427	7.4	20.5
10 28	23 46.14	+19 46.0	2.577	3.438	9.5	20.7

144739 2004 GM_{50} 9 25.9 72.°34 0.°2/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.24	+ 3 33.0	1.951	2.774	14.6	20.3
8 29	0 31.86	+ 3 19.0	1.884	2.787	11.3	20.1
9 8	0 25.51	+ 2 53.2	1.838	2.800	7.6	19.9
9 18	0 17.75	+ 2 18.5	1.818	2.813	3.5	19.7
9 28	0 9.41	+ 1 39.6	1.825	2.827	0.8	19.5
10 8	0 1.42	+ 1 1.9	1.861	2.840	4.9	19.8
10 18	23 54.59	+ 0 30.2	1.923	2.853	8.8	20.1
10 28	23 49.61	+ 0 8.7	2.010	2.866	12.1	20.3

361677 2007 UJ_{31} 9 25.9 34.°65 7.°9/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.78	− 9 57.3	0.903	1.801	21.1	19.6
8 29	0 33.09	−11 20.6	0.873	1.819	16.2	19.4
9 8	0 26.97	−12 46.8	0.861	1.838	11.3	19.2
9 18	0 18.49	−14 2.2	0.869	1.858	8.1	19.1
9 28	0 9.27	−14 53.8	0.898	1.879	9.0	19.2
10 8	0 1.04	−15 13.5	0.948	1.901	12.8	19.5
10 18	23 55.12	−15 0.1	1.018	1.925	17.0	19.9
10 28	23 52.30	−14 16.8	1.105	1.949	20.6	20.2

31897 Brooksdasilva 9 25.9 94.°43 1.°2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.12	+ 5 28.4	1.627	2.448	17.0	19.0
8 29	0 35.29	+ 5 29.3	1.560	2.460	13.4	18.8
9 8	0 28.02	+ 5 15.3	1.513	2.471	9.2	18.6
9 18	0 18.95	+ 4 48.5	1.489	2.483	4.5	18.3
9 28	0 9.11	+ 4 13.7	1.493	2.494	1.3	18.1
10 8	23 59.68	+ 3 36.9	1.523	2.505	5.5	18.5
10 18	23 51.73	+ 3 4.2	1.580	2.515	9.9	18.7
10 28	23 46.07	+ 2 40.9	1.661	2.526	13.7	19.0

469496 2002 XU_{58} 9 25.9 300.°89 2.°3/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.08	− 1 30.5	1.428	2.285	17.1	21.0
8 29	0 32.93	− 1 59.5	1.336	2.261	13.4	20.7
9 8	0 26.99	− 2 41.7	1.264	2.237	9.0	20.4
9 18	0 18.72	− 3 32.2	1.215	2.213	4.2	20.0
9 28	0 9.12	− 4 23.3	1.191	2.189	3.1	19.9
10 8	23 59.54	− 5 6.3	1.192	2.165	8.0	20.1
10 18	23 51.33	− 5 33.9	1.217	2.142	13.1	20.3
10 28	23 45.63	− 5 41.2	1.263	2.119	17.7	20.6

161464 2004 CE_{35} 9 25.9 240.°66 4.°3/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.59	− 5 45.6	1.658	2.513	15.2	20.2
8 29	0 32.73	− 6 56.2	1.580	2.504	11.8	20.0
9 8	0 26.45	− 8 16.2	1.524	2.495	7.9	19.8
9 18	0 18.33	− 9 38.3	1.493	2.485	4.7	19.6
9 28	0 9.28	−10 53.1	1.489	2.475	5.3	19.6
10 8	0 0.46	−11 52.0	1.511	2.465	8.8	19.8
10 18	23 52.94	−12 29.3	1.559	2.455	12.8	20.0
10 28	23 47.60	−12 42.5	1.627	2.444	16.3	20.2

148650 2001 ST_{93} 9 25.9 195.°86 0.°7/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.88	+ 5 42.1	1.962	2.773	14.9	20.5
8 29	0 33.32	+ 5 22.1	1.876	2.771	11.7	20.3
9 8	0 26.64	+ 4 47.7	1.811	2.769	8.0	20.1
9 18	0 18.35	+ 4 1.4	1.772	2.766	3.9	19.8
9 28	0 9.28	+ 3 7.9	1.761	2.762	0.9	19.6
10 8	0 0.41	+ 2 13.3	1.778	2.758	5.0	19.9
10 18	23 52.67	+ 1 23.7	1.823	2.753	9.1	20.1
10 28	23 46.83	+ 0 44.5	1.893	2.748	12.7	20.3

140005 2001 SR_{42} 9 25.9 31.°88 0.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.44	+ 3 56.0	1.842	2.673	15.0	20.2
8 29	0 29.93	+ 3 26.4	1.768	2.676	11.7	20.0
9 8	0 24.37	+ 2 43.0	1.715	2.680	7.8	19.8
9 18	0 17.31	+ 1 49.2	1.687	2.683	3.5	19.5
9 28	0 9.56	+ 0 50.7	1.686	2.687	0.9	19.3
10 8	0 2.09	− 0 5.8	1.712	2.691	5.3	19.7
10 18	23 55.76	− 0 54.1	1.765	2.695	9.4	19.9
10 28	23 51.30	− 1 29.4	1.842	2.700	12.9	20.1

137273 1999 RX_{154} 9 25.9 329.°99 3.°6/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 35.46	+ 8 7.4	1.190	2.034	20.7	19.3
8 29	0 32.92	+ 8 44.0	1.110	2.019	16.9	19.0
9 8	0 27.23	+ 9 1.5	1.047	2.006	12.2	18.7
9 18	0 18.91	+ 8 59.0	1.003	1.993	7.1	18.4
9 28	0 9.10	+ 8 38.7	0.983	1.981	3.6	18.2
10 8	23 59.41	+ 8 7.1	0.986	1.970	7.0	18.4
10 18	23 51.40	+ 7 32.3	1.011	1.960	12.4	18.6
10 28	23 46.32	+ 7 3.7	1.057	1.952	17.3	18.9

322529 2011 YG_{19} 9 25.9 189.°99 1.°6/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.45	− 1 52.4	2.479	3.308	11.6	21.8
8 29	0 30.16	− 2 26.7	2.398	3.307	8.9	21.6
9 8	0 24.27	− 3 8.1	2.340	3.306	5.8	21.4
9 18	0 17.20	− 3 53.1	2.309	3.305	2.7	21.2
9 28	0 9.59	− 4 37.0	2.307	3.303	2.1	21.2
10 8	0 2.17	− 5 15.2	2.334	3.301	5.1	21.4
10 18	23 55.61	− 5 44.0	2.389	3.299	8.3	21.6
10 28	23 50.50	− 6 0.7	2.469	3.297	11.1	21.7

354213 2002 FN_{41} 9 25.9 237.°04 0.°1/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 25.55	+ 3 57.6	4.817	5.618	6.8	21.4
8 29	0 22.62	+ 3 33.2	4.721	5.612	5.3	21.3
9 8	0 18.93	+ 3 3.3	4.650	5.607	3.5	21.1
9 18	0 14.71	+ 2 29.3	4.606	5.601	1.6	21.0
9 28	0 10.24	+ 1 53.2	4.593	5.595	0.4	20.8
10 8	0 5.83	+ 1 17.2	4.611	5.589	2.3	21.0
10 18	0 1.79	+ 0 43.4	4.658	5.583	4.2	21.2
10 28	23 58.40	+ 0 13.8	4.734	5.577	5.9	21.3

239776 2010 CB_{76} 9 25.9 124.°75 3.°3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.65	+10 12.1	1.915	2.703	16.1	20.0
8 29	0 36.28	+10 44.2	1.835	2.709	13.0	19.8
9 8	0 28.62	+11 1.5	1.776	2.716	9.5	19.6
9 18	0 19.25	+11 3.8	1.741	2.722	5.8	19.4
9 28	0 9.07	+10 52.7	1.734	2.728	3.4	19.3
10 8	23 59.14	+10 32.1	1.755	2.734	5.3	19.4
10 18	23 50.48	+10 7.2	1.804	2.739	8.8	19.7
10 28	23 43.89	+ 9 43.7	1.877	2.745	12.3	19.9

483936 2006 BN_{91} 9 25.9 238.°46 2.°3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.78	− 3 28.1	2.732	3.566	10.5	22.4
8 29	0 28.05	− 4 27.2	2.640	3.553	8.1	22.2
9 8	0 22.85	− 5 33.5	2.573	3.541	5.3	22.0
9 18	0 16.58	− 6 42.7	2.533	3.527	2.8	21.8
9 28	0 9.76	− 7 49.6	2.523	3.514	2.9	21.8
10 8	0 3.04	− 8 49.3	2.543	3.500	5.5	22.0
10 18	23 57.03	− 9 37.5	2.590	3.486	8.3	22.2
10 28	23 52.28	−10 11.3	2.663	3.471	10.9	22.3

396300 2014 DT_{23} 9 25.9 188.°70 0.°9/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.90	+ 5 57.3	2.054	2.864	14.4	21.8
8 29	0 32.45	+ 5 43.5	1.970	2.864	11.4	21.6
9 8	0 26.00	+ 5 16.3	1.907	2.863	7.8	21.3
9 18	0 18.05	+ 4 37.7	1.869	2.862	3.8	21.1
9 28	0 9.38	+ 3 52.0	1.859	2.860	1.0	20.9
10 8	0 0.92	+ 3 4.6	1.878	2.859	4.8	21.2
10 18	23 53.52	+ 2 21.0	1.925	2.856	8.6	21.4
10 28	23 47.92	+ 1 46.3	1.996	2.854	12.1	21.6

474693 2005 ED_{244} 9 25.9 8.°78 0.°7/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.89	+ 5 29.5	1.616	2.456	16.3	21.0
8 29	0 27.49	+ 4 13.7	1.542	2.457	12.6	20.7
9 8	0 22.91	+ 2 37.4	1.489	2.458	8.4	20.5
9 18	0 16.70	+ 0 46.6	1.461	2.459	3.6	20.2
9 28	0 9.74	− 1 9.5	1.460	2.461	1.6	20.1
10 8	0 3.06	− 2 59.9	1.486	2.463	6.3	20.4
10 18	23 57.61	− 4 35.3	1.539	2.466	10.7	20.7
10 28	23 54.14	− 5 48.9	1.614	2.469	14.6	20.9

222384 2001 DO_{48} 9 25.9 293.°80 3.°5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 27.35	−15 34.3	4.214	5.056	7.0	19.7
8 29	0 24.12	−16 17.1	4.139	5.050	5.5	19.5
9 8	0 19.98	−16 58.8	4.091	5.043	4.1	19.4
9 18	0 15.21	−17 36.5	4.070	5.037	3.5	19.4
9 28	0 10.15	−18 7.3	4.078	5.031	3.9	19.4
10 8	0 5.18	−18 28.9	4.115	5.024	5.2	19.5
10 18	0 0.68	−18 39.8	4.179	5.018	6.7	19.6
10 28	23 56.97	−18 39.2	4.266	5.012	8.1	19.7

128816 2004 RX_{290} 9 25.9 347.°66 1.°4/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 33.54	+ 6 24.2	1.874	2.695	15.1	20.0
8 29	0 30.09	+ 6 25.8	1.791	2.690	12.0	19.7
9 8	0 24.56	+ 6 13.4	1.728	2.685	8.4	19.5
9 18	0 17.45	+ 5 48.6	1.690	2.682	4.3	19.3
9 28	0 9.56	+ 5 15.2	1.678	2.678	1.5	19.1
10 8	0 1.86	+ 4 38.4	1.693	2.675	4.9	19.3
10 18	23 55.27	+ 4 3.8	1.735	2.673	8.9	19.5
10 28	23 50.53	+ 3 36.7	1.801	2.671	12.5	19.8

49466 1999 AX_{8} 9 25.9 359.°36 5.°9/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.73	− 8 7.1	1.417	2.297	16.0	17.6
8 29	0 27.66	− 9 37.7	1.357	2.294	12.3	17.4
9 8	0 23.16	−11 16.0	1.319	2.292	8.5	17.2
9 18	0 16.86	−12 52.0	1.303	2.292	6.0	17.0
9 28	0 9.73	−14 14.5	1.313	2.292	7.1	17.1
10 8	0 2.96	−15 14.4	1.347	2.293	10.5	17.3
10 18	23 57.59	−15 46.4	1.403	2.295	14.2	17.5
10 28	23 54.43	−15 49.4	1.479	2.298	17.6	17.8

155904 2001 HA_{14} 9 25.9 23.°83 0.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 30.53	+ 5 0.2	2.107	2.932	13.6	19.7
8 29	0 27.44	+ 4 14.3	2.030	2.935	10.6	19.5
9 8	0 22.61	+ 3 14.4	1.975	2.938	7.0	19.3
9 18	0 16.51	+ 2 4.2	1.945	2.941	3.2	19.1
9 28	0 9.83	+ 0 49.4	1.944	2.945	0.8	18.9
10 8	0 3.37	− 0 23.4	1.970	2.949	4.8	19.2
10 18	23 57.87	− 1 28.2	2.025	2.953	8.5	19.5
10 28	23 53.95	− 2 19.8	2.104	2.958	11.7	19.7

412594 2014 OH_{67} 9 25.9 323.°60 4.°9/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.99	−10 20.6	2.071	2.929	12.5	20.5
8 29	0 28.66	−11 30.4	1.999	2.922	9.7	20.3
9 8	0 23.47	−12 43.6	1.950	2.916	6.8	20.1
9 18	0 16.91	−13 53.5	1.927	2.910	5.0	20.0
9 28	0 9.72	−14 53.2	1.932	2.905	5.8	20.0
10 8	0 2.75	−15 36.5	1.963	2.899	8.4	20.2
10 18	23 56.78	−16 0.0	2.019	2.894	11.3	20.3
10 28	23 52.47	−16 2.4	2.097	2.889	14.0	20.5

132303 2002 GW_{8} 9 25.9 120.°35 3.°2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 44.61	− 7 39.6	1.999	2.830	13.9	20.0
8 29	0 38.19	− 7 54.3	1.934	2.844	10.7	19.8
9 8	0 29.66	− 8 11.6	1.893	2.858	7.2	19.6
9 18	0 19.64	− 8 26.9	1.879	2.871	3.9	19.4
9 28	0 9.06	− 8 35.5	1.893	2.884	3.8	19.4
10 8	23 58.94	− 8 33.5	1.937	2.896	6.8	19.7
10 18	23 50.18	− 8 19.0	2.008	2.908	10.2	19.9
10 28	23 43.47	− 7 51.4	2.104	2.919	13.2	20.1

62 Erato 9 25.9 329.°74 1.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.45	+ 0 46.1	1.896	2.739	14.1	13.1
8 29	0 28.47	+ 0 14.4	1.810	2.726	11.0	12.9
9 8	0 23.49	− 0 29.0	1.745	2.715	7.2	12.7
9 18	0 16.99	− 1 20.1	1.706	2.703	3.2	12.4
9 28	0 9.71	− 2 13.3	1.693	2.693	1.8	12.3
10 8	0 2.59	− 3 2.2	1.707	2.682	5.8	12.5
10 18	23 56.50	− 3 41.0	1.747	2.673	9.8	12.7
10 28	23 52.19	− 4 5.4	1.811	2.663	13.4	13.0

482602 2012 YL_{4} 9 25.9 347.°19 7.°3/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.89	−12 49.6	1.485	2.361	15.6	20.5
8 29	0 30.07	−14 12.8	1.424	2.355	12.2	20.3
9 8	0 24.76	−15 38.3	1.384	2.350	9.1	20.1
9 18	0 17.59	−16 56.1	1.367	2.346	7.3	20.0
9 28	0 9.57	−17 56.0	1.376	2.342	8.4	20.0
10 8	0 1.91	−18 30.4	1.408	2.339	11.4	20.2
10 18	23 55.68	−18 36.1	1.462	2.337	14.8	20.4
10 28	23 51.72	−18 13.4	1.535	2.335	17.9	20.6

115701 2003 UW_{163} 9 25.9 292.°50 2.°5/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 31.64	− 3 41.1	2.327	3.169	11.9	19.8
8 29	0 28.20	− 4 30.4	2.241	3.159	9.1	19.6
9 8	0 23.09	− 5 27.0	2.179	3.149	6.0	19.4
9 18	0 16.74	− 6 26.5	2.143	3.138	3.1	19.1
9 28	0 9.79	− 7 23.3	2.136	3.128	3.1	19.1
10 8	0 2.97	− 8 11.9	2.157	3.118	6.0	19.3
10 18	23 57.01	− 8 48.0	2.204	3.108	9.2	19.5
10 28	23 52.51	− 9 8.7	2.276	3.098	12.1	19.7

887 Alinda 9 25.9 322.°44 9.°1/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.82	−10 34.8	1.280	2.156	17.5	16.9
8 29	0 34.80	−12 24.1	1.152	2.086	14.3	16.4
9 8	0 29.36	−14 35.8	1.045	2.014	10.9	16.0
9 18	0 20.43	−17 0.5	0.960	1.941	9.1	15.6
9 28	0 8.65	−19 21.9	0.898	1.867	11.3	15.5
10 8	23 55.47	−21 20.3	0.859	1.792	16.6	15.6
10 18	23 42.87	−22 38.6	0.840	1.716	22.8	15.7
10 28	23 33.00	−23 7.6	0.836	1.640	28.8	15.9

468976 2015 AJ_{99} 9 25.9 58.°64 3.°4/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.37	− 3 1.5	1.251	2.116	18.6	20.3
8 29	0 34.39	− 3 53.4	1.204	2.133	14.2	20.1
9 8	0 27.59	− 4 56.4	1.176	2.150	9.3	19.8
9 18	0 18.81	− 6 2.3	1.172	2.168	4.6	19.6
9 28	0 9.30	− 7 1.3	1.192	2.186	4.3	19.7
10 8	0 0.48	− 7 44.9	1.237	2.205	8.6	20.0
10 18	23 53.50	− 8 8.0	1.305	2.223	13.0	20.3
10 28	23 49.15	− 8 8.6	1.394	2.242	16.9	20.6

323273 2003 SN_{379} 9 25.9 164.°30 0.°8/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.64	+ 2 23.3	1.857	2.680	15.2	22.1
8 29	0 34.70	+ 1 43.9	1.781	2.686	11.8	21.9
9 8	0 27.57	+ 0 51.3	1.727	2.691	7.8	21.7
9 18	0 18.81	− 0 10.3	1.699	2.696	3.4	21.4
9 28	0 9.31	− 1 14.5	1.700	2.700	1.5	21.3
10 8	0 0.13	− 2 14.4	1.728	2.703	5.8	21.6
10 18	23 52.21	− 3 3.7	1.784	2.705	9.9	21.9
10 28	23 46.31	− 3 38.0	1.865	2.707	13.5	22.1

347972 2003 SW_{44} 9 25.9 344.°14 1.°4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.51	+10 13.8	1.350	2.191	18.8	19.8
8 29	0 25.43	+ 9 21.2	1.270	2.181	15.1	19.5
9 8	0 21.88	+ 8 0.2	1.209	2.171	10.5	19.3
9 18	0 16.39	+ 6 14.2	1.169	2.163	5.4	19.0
9 28	0 9.91	+ 4 12.0	1.154	2.155	1.4	18.7
10 8	0 3.65	+ 2 6.1	1.164	2.149	6.1	19.0
10 18	23 58.74	+ 0 9.9	1.199	2.144	11.3	19.2
10 28	23 56.11	− 1 25.8	1.256	2.139	15.9	19.5

230524 2002 WD_{20} 9 25.9 354.°28 2.°7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 32.25	− 2 11.5	1.047	1.932	19.9	19.5
8 29	0 30.47	− 2 30.9	0.985	1.924	15.5	19.2
9 8	0 25.54	− 3 3.6	0.940	1.919	10.3	18.9
9 18	0 18.11	− 3 43.3	0.916	1.915	4.7	18.6
9 28	0 9.48	− 4 21.0	0.914	1.912	3.5	18.5
10 8	0 1.27	− 4 47.3	0.934	1.911	8.8	18.9
10 18	23 54.92	− 4 55.4	0.975	1.912	14.2	19.2
10 28	23 51.51	− 4 41.9	1.035	1.914	18.9	19.4

75592 2000 AH_{19} 9 25.9 203.°66 0.°1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 36.73	+ 3 33.5	2.234	3.047	13.3	19.9
8 29	0 32.19	+ 3 13.5	2.145	3.044	10.4	19.7
9 8	0 25.79	+ 2 42.2	2.079	3.039	7.0	19.5
9 18	0 18.00	+ 2 2.3	2.040	3.035	3.2	19.3
9 28	0 9.52	+ 1 18.0	2.028	3.030	0.8	19.1
10 8	0 1.22	+ 0 34.4	2.046	3.025	4.7	19.4
10 18	23 53.88	− 0 3.6	2.093	3.019	8.4	19.6
10 28	23 48.19	− 0 31.9	2.164	3.012	11.6	19.8

135640 2002 JT_{98} 9 25.9 51.°83 1.°3/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 38.67	+ 1 34.3	1.148	2.008	20.2	19.8
8 29	0 34.76	+ 1 0.1	1.106	2.031	15.6	19.6
9 8	0 27.89	+ 0 9.6	1.081	2.054	10.2	19.4
9 18	0 18.96	− 0 50.5	1.079	2.077	4.4	19.1
9 28	0 9.32	− 1 51.1	1.101	2.101	2.1	19.1
10 8	0 0.48	− 2 42.5	1.147	2.125	7.5	19.5
10 18	23 53.62	− 3 17.8	1.217	2.150	12.4	19.8
10 28	23 49.54	− 3 33.3	1.307	2.174	16.6	20.2

266995 2010 XD_{67} 9 25.9 312.°55 2.°2/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 26.42	− 8 39.5	4.217	5.056	7.0	20.1
8 29	0 23.42	− 9 19.0	4.136	5.051	5.4	19.9
9 8	0 19.54	−10 0.1	4.082	5.047	3.6	19.8
9 18	0 15.05	−10 40.3	4.055	5.043	2.4	19.7
9 28	0 10.28	−11 16.7	4.058	5.038	2.6	19.7
10 8	0 5.60	−11 46.9	4.091	5.034	4.2	19.8
10 18	0 1.36	−12 8.9	4.151	5.030	5.9	20.0
10 28	23 57.88	−12 21.5	4.238	5.025	7.5	20.1

242213 2003 QJ_{114} 9 25.9 17.°43 6.°3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.16	−10 42.7	1.694	2.568	14.1	19.4
8 29	0 26.78	−12 27.5	1.642	2.574	10.9	19.2
9 8	0 22.35	−14 15.6	1.614	2.582	7.8	19.1
9 18	0 16.45	−15 57.6	1.610	2.590	6.3	19.0
9 28	0 9.94	−17 23.7	1.633	2.599	7.4	19.1
10 8	0 3.77	−18 26.7	1.681	2.609	10.1	19.3
10 18	23 58.80	−19 2.7	1.752	2.620	13.1	19.5
10 28	23 55.70	−19 11.5	1.844	2.631	15.8	19.7

146027 2000 DC_{60} 9 25.9 206.°28 0.°3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.40	+ 3 32.9	1.864	2.688	15.1	21.2
8 29	0 33.09	+ 2 59.6	1.780	2.684	11.8	21.0
9 8	0 26.59	+ 2 12.1	1.716	2.680	7.9	20.8
9 18	0 18.43	+ 1 13.9	1.678	2.675	3.5	20.5
9 28	0 9.43	+ 0 10.9	1.668	2.669	1.1	20.3
10 8	0 0.64	− 0 50.1	1.686	2.663	5.6	20.6
10 18	23 53.02	− 1 42.3	1.731	2.657	9.8	20.9
10 28	23 47.36	− 2 20.7	1.800	2.650	13.5	21.1

484767 2009 BQ_{66} 9 25.9 331.°34 0.°8/26.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 28.27	+ 5 43.4	1.273	2.131	18.8	20.9
8 29	0 27.12	+ 5 27.3	1.183	2.105	15.0	20.6
9 8	0 23.28	+ 4 49.5	1.111	2.081	10.4	20.3
9 18	0 17.16	+ 3 52.3	1.061	2.057	5.1	19.9
9 28	0 9.74	+ 2 41.9	1.033	2.035	1.1	19.6
10 8	0 2.34	+ 1 28.4	1.030	2.014	6.8	19.9
10 18	23 56.32	+ 0 22.2	1.049	1.995	12.4	20.1
10 28	23 52.83	− 0 27.0	1.088	1.977	17.4	20.4

38144 1999 JD_{61} 9 25.9 19.°09 2.°5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 29.31	+ 0 25.2	1.095	1.976	19.5	17.7
8 29	0 27.80	− 0 35.2	1.048	1.985	14.9	17.4
9 8	0 23.46	− 1 53.1	1.018	1.997	9.7	17.2
9 18	0 17.06	− 3 19.7	1.010	2.009	4.4	16.9
9 28	0 9.82	− 4 43.5	1.025	2.023	3.5	16.9
10 8	0 3.15	− 5 53.0	1.064	2.039	8.4	17.3
10 18	23 58.22	− 6 40.2	1.124	2.056	13.3	17.6
10 28	23 55.85	− 7 1.3	1.205	2.074	17.5	17.9

447737 2007 FK_{46} 9 25.9 238.°03 3.°6/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 37.77	− 9 54.4	2.519	3.356	11.2	21.4
8 29	0 32.76	−10 23.1	2.434	3.347	8.7	21.2
9 8	0 26.05	−10 53.5	2.374	3.337	6.0	21.1
9 18	0 18.09	−11 21.1	2.341	3.328	3.9	20.9
9 28	0 9.55	−11 41.6	2.337	3.318	4.2	20.9
10 8	0 1.18	−11 51.0	2.361	3.308	6.5	21.1
10 18	23 53.70	−11 47.2	2.413	3.298	9.3	21.2
10 28	23 47.75	−11 29.1	2.490	3.287	11.9	21.4

451160 2009 SU_{119} 9 25.9 199.°07 0.°7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 41.18	− 1 36.8	2.686	3.496	11.4	21.1
8 29	0 35.23	− 1 30.0	2.596	3.493	8.8	20.9
9 8	0 27.62	− 1 28.0	2.530	3.491	5.8	20.7
9 18	0 18.79	− 1 28.8	2.492	3.488	2.6	20.5
9 28	0 9.38	− 1 29.8	2.485	3.485	1.2	20.4
10 8	0 0.15	− 1 28.2	2.509	3.482	4.4	20.6
10 18	23 51.80	− 1 21.6	2.562	3.478	7.5	20.8
10 28	23 44.93	− 1 8.2	2.643	3.474	10.3	21.0

44282 1998 QB_{78} 9 25.9 322.°10 7.°8/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 34.70	+17 26.3	1.516	2.302	19.7	18.5
8 29	0 32.05	+18 33.8	1.414	2.275	16.9	18.2
9 8	0 26.60	+19 21.5	1.330	2.250	13.7	18.0
9 18	0 18.73	+19 44.8	1.266	2.224	10.3	17.7
9 28	0 9.34	+19 41.2	1.225	2.200	8.0	17.5
10 8	23 59.74	+19 12.6	1.207	2.176	8.6	17.5
10 18	23 51.38	+18 25.3	1.213	2.154	11.7	17.6
10 28	23 45.50	+17 29.1	1.241	2.132	15.5	17.8

298039 2002 PP_{168} 9 25.9 41.°30 4.°1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 39.00	+11 39.4	1.732	2.526	17.2	20.7
8 29	0 34.51	+12 15.2	1.656	2.532	14.1	20.5
9 8	0 27.63	+12 33.8	1.599	2.538	10.4	20.3
9 18	0 18.93	+12 34.6	1.566	2.544	6.7	20.1
9 28	0 9.35	+12 19.2	1.558	2.550	4.1	20.0
10 8	0 0.05	+11 52.1	1.577	2.556	5.7	20.1
10 18	23 52.08	+11 19.3	1.623	2.563	9.3	20.3
10 28	23 46.29	+10 47.4	1.693	2.570	12.9	20.5

332475 2008 ES_{73} 9 25.9 99.°39 2.°6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
8 19	0 40.77	− 2 55.5	1.601	2.445	16.2	21.3
8 29	0 35.73	− 3 34.7	1.544	2.462	12.4	21.1
9 8	0 28.28	− 4 22.8	1.509	2.478	8.1	20.9
9 18	0 19.13	− 5 13.8	1.498	2.495	3.9	20.7
9 28	0 9.33	− 6 0.5	1.515	2.511	3.3	20.7
10 8	0 0.06	− 6 36.2	1.559	2.526	7.2	21.0
10 18	23 52.34	− 6 56.6	1.628	2.542	11.2	21.3
10 28	23 46.90	− 6 59.4	1.720	2.556	14.7	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
334428	2002 GD_{41}		9 25.9	143.°51	2.°2/23.6	18
	h m	° ′			°	m
8 19	0 38.27	− 5 40.3	2.644	3.470	11.1	21.4
8 29	0 32.93	− 5 59.3	2.570	3.478	8.5	21.2
9 8	0 26.04	− 6 21.8	2.521	3.486	5.6	21.1
9 18	0 18.05	− 6 44.4	2.500	3.493	2.9	20.9
9 28	0 9.60	− 7 3.4	2.508	3.501	2.7	20.9
10 8	0 1.40	− 7 15.3	2.546	3.507	5.2	21.1
10 18	23 54.11	− 7 17.7	2.613	3.514	8.1	21.3
10 28	23 48.27	− 7 9.4	2.705	3.520	10.6	21.5
360160	2013 CC_{69}		9 25.9	276.°99	1.°5/29.1	18
8 19	0 27.10	+11 0.4	4.492	5.258	7.8	20.9
8 29	0 23.91	+10 55.1	4.394	5.255	6.3	20.8
9 8	0 19.88	+10 41.9	4.319	5.253	4.6	20.7
9 18	0 15.24	+10 21.9	4.272	5.250	2.8	20.5
9 28	0 10.32	+ 9 56.2	4.254	5.248	1.6	20.4
10 8	0 5.46	+ 9 27.1	4.266	5.245	2.4	20.5
10 18	0 1.02	+ 8 56.7	4.308	5.243	4.2	20.6
10 28	23 57.29	+ 8 27.5	4.378	5.240	5.9	20.8
258618	2002 CE_{315}		9 25.9	116.°64	1.°5/24.2	18
8 19	0 32.36	+ 0 19.6	2.264	3.096	12.5	20.6
8 29	0 28.71	− 0 37.7	2.191	3.103	9.6	20.4
9 8	0 23.41	− 1 45.0	2.142	3.109	6.2	20.2
9 18	0 16.92	− 2 57.8	2.119	3.116	2.8	20.0
9 28	0 9.90	− 4 10.2	2.124	3.122	2.1	20.0
10 8	0 3.12	− 5 16.1	2.159	3.128	5.4	20.2
10 18	23 57.26	− 6 10.5	2.221	3.134	8.7	20.4
10 28	23 52.91	− 6 49.9	2.308	3.140	11.6	20.6
139010	2001 DA_{45}		9 26.0	239.°83	0.°8/26.6	18
8 19	0 39.25	+ 4 46.6	1.530	2.359	17.6	20.0
8 29	0 35.04	+ 4 43.4	1.451	2.356	13.9	19.8
9 8	0 28.18	+ 4 24.6	1.391	2.353	9.5	19.5
9 18	0 19.26	+ 3 52.5	1.355	2.349	4.6	19.2
9 28	0 9.31	+ 3 12.0	1.345	2.346	1.1	19.0
10 8	23 59.62	+ 2 30.0	1.361	2.343	6.0	19.3
10 18	23 51.38	+ 1 53.4	1.403	2.339	10.8	19.6
10 28	23 45.55	+ 1 28.3	1.468	2.335	15.0	19.8
192464	1998 FJ_{8}		9 26.0	172.°04	0.°3/26.3	18
8 19	0 39.79	+ 3 8.0	1.846	2.667	15.3	20.2
8 29	0 34.93	+ 3 6.8	1.767	2.668	12.0	20.0
9 8	0 27.82	+ 2 53.9	1.708	2.669	8.1	19.8
9 18	0 19.01	+ 2 31.8	1.675	2.670	3.8	19.5
9 28	0 9.40	+ 2 4.6	1.669	2.671	0.9	19.3
10 8	0 0.04	+ 1 37.4	1.691	2.671	5.3	19.6
10 18	23 51.94	+ 1 15.3	1.741	2.671	9.5	19.9
10 28	23 45.87	+ 1 2.4	1.815	2.671	13.1	20.1
128164	2003 QJ_{104}		9 26.0	350.°29	2.°5/27.7	18
8 19	0 39.06	+ 5 41.2	1.708	2.527	16.5	18.2
8 29	0 34.69	+ 6 30.5	1.623	2.519	13.2	17.9
9 8	0 27.87	+ 7 8.9	1.558	2.512	9.4	17.7
9 18	0 19.12	+ 7 36.3	1.518	2.507	5.2	17.4
9 28	0 9.36	+ 7 53.6	1.503	2.502	2.5	17.3
10 8	23 59.76	+ 8 3.9	1.516	2.498	5.5	17.4
10 18	23 51.44	+ 8 10.9	1.555	2.495	9.7	17.7
10 28	23 45.32	+ 8 19.2	1.618	2.493	13.5	17.9
446371	2014 HE_{41}		9 26.0	343.°77	2.°6/23.5	18
8 19	0 32.87	− 2 11.1	1.703	2.557	15.0	21.1
8 29	0 29.74	− 3 3.7	1.630	2.553	11.5	20.9
9 8	0 24.44	− 4 7.3	1.578	2.550	7.6	20.7
9 18	0 17.50	− 5 15.9	1.550	2.547	3.7	20.4
9 28	0 9.78	− 6 22.0	1.549	2.544	3.4	20.4
10 8	0 2.32	− 7 17.7	1.575	2.542	7.2	20.6
10 18	23 56.07	− 7 57.4	1.626	2.540	11.2	20.9
10 28	23 51.80	− 8 17.4	1.699	2.538	14.7	21.1
461205	2015 VW_{120}		9 26.0	313.°55	2.°6/23.4	17
8 19	0 32.33	− 3 20.0	1.966	2.815	13.5	21.3
8 29	0 29.16	− 4 2.6	1.875	2.796	10.4	21.1
9 8	0 24.01	− 4 54.1	1.807	2.778	6.9	20.8
9 18	0 17.31	− 5 49.7	1.765	2.761	3.4	20.6
9 28	0 9.82	− 6 43.0	1.749	2.743	3.3	20.5
10 8	0 2.44	− 7 27.8	1.761	2.726	6.7	20.7
10 18	23 56.04	− 7 58.8	1.798	2.709	10.5	20.9
10 28	23 51.38	− 8 12.6	1.859	2.693	13.8	21.1
51497	2001 FB_{80}		9 26.0	102.°85	2.°1/27.9	18
8 19	0 41.77	+ 7 40.3	2.033	2.827	15.0	18.8
8 29	0 36.13	+ 7 58.8	1.962	2.844	12.0	18.7
9 8	0 28.42	+ 8 4.2	1.913	2.860	8.4	18.5
9 18	0 19.21	+ 7 57.6	1.888	2.875	4.7	18.3
9 28	0 9.38	+ 7 41.4	1.892	2.891	2.1	18.1
10 8	23 59.88	+ 7 19.9	1.925	2.906	4.7	18.3
10 18	23 51.63	+ 6 57.5	1.987	2.920	8.3	18.6
10 28	23 45.30	+ 6 39.1	2.073	2.935	11.5	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
122068	2000 HH_{6}		9 26.0	16.°67	1.°1/26.8	18
	h m	° ′			°	m
8 19	0 31.33	+ 5 54.4	1.079	1.943	21.0	19.4
8 29	0 29.54	+ 5 44.1	1.025	1.949	16.5	19.2
9 8	0 24.76	+ 5 11.6	0.988	1.958	11.3	18.9
9 18	0 17.73	+ 4 20.6	0.971	1.967	5.5	18.7
9 28	0 9.74	+ 3 19.1	0.977	1.979	1.3	18.4
10 8	0 2.28	+ 2 17.7	1.006	1.991	6.8	18.8
10 18	23 56.65	+ 1 26.0	1.057	2.005	12.1	19.2
10 28	23 53.75	+ 0 51.5	1.129	2.020	16.7	19.5
339343	2005 AK_{4}		9 26.0	341.°22	4.°2/23.0	18
8 19	0 32.95	− 5 45.7	1.237	2.116	17.9	19.6
8 29	0 30.71	− 6 18.4	1.165	2.102	13.9	19.3
9 8	0 25.59	− 7 0.0	1.112	2.088	9.3	19.0
9 18	0 18.18	− 7 43.3	1.080	2.076	5.1	18.8
9 28	0 9.61	− 8 19.3	1.072	2.066	5.1	18.8
10 8	0 1.31	− 8 39.6	1.088	2.056	9.4	19.0
10 18	23 54.61	− 8 38.8	1.125	2.048	14.2	19.2
10 28	23 50.57	− 8 14.8	1.182	2.042	18.5	19.5
77998	2002 JB_{48}		9 26.0	25.°87	5.°1/23.5	18
8 19	0 43.47	− 9 22.4	1.058	1.934	20.4	18.4
8 29	0 38.93	− 9 26.2	1.010	1.943	15.8	18.1
9 8	0 30.96	− 9 31.7	0.979	1.953	10.8	17.9
9 18	0 20.49	− 9 31.7	0.970	1.964	6.2	17.7
9 28	0 9.09	− 9 18.8	0.984	1.976	5.8	17.7
10 8	23 58.54	− 8 48.4	1.021	1.989	10.0	18.0
10 18	23 50.29	− 7 59.6	1.081	2.003	14.8	18.3
10 28	23 45.27	− 6 53.8	1.160	2.017	18.9	18.6
366483	2002 LB_{3}		9 26.0	129.°95	5.°4/ 3.9	18
8 19	0 33.70	+23 39.0	2.760	3.460	13.6	21.3
8 29	0 29.61	+23 44.0	2.673	3.471	11.7	21.2
9 8	0 23.96	+23 30.5	2.606	3.481	9.5	21.0
9 18	0 17.18	+22 57.7	2.562	3.491	7.3	20.9
9 28	0 9.89	+22 6.8	2.544	3.501	5.7	20.8
10 8	0 2.79	+21 1.3	2.554	3.510	5.5	20.8
10 18	23 56.53	+19 46.5	2.592	3.520	6.9	20.9
10 28	23 51.67	+18 28.3	2.658	3.528	9.0	21.1
152800	1999 TG_{136}		9 26.0	20.°60	1.°5/27.6	18
8 19	0 31.40	+ 8 14.9	1.724	2.548	16.2	19.2
8 29	0 28.54	+ 7 54.7	1.654	2.554	12.8	19.0
9 8	0 23.59	+ 7 16.8	1.604	2.561	8.9	18.8
9 18	0 17.10	+ 6 23.7	1.578	2.569	4.6	18.5
9 28	0 9.92	+ 5 20.8	1.577	2.578	1.5	18.3
10 8	0 3.04	+ 4 15.2	1.604	2.587	5.0	18.6
10 18	23 57.36	+ 3 14.3	1.656	2.597	9.1	18.9
10 28	23 53.58	+ 2 24.3	1.733	2.607	12.7	19.1
433274	2013 AO_{91}		9 26.0	163.°67	3.°1/18.9	18
8 19	0 26.69	−15 12.3	4.642	5.483	6.4	20.9
8 29	0 23.56	−15 56.5	4.574	5.484	5.0	20.8
9 8	0 19.63	−16 39.6	4.533	5.485	3.8	20.7
9 18	0 15.15	−17 19.2	4.519	5.486	3.1	20.7
9 28	0 10.41	−17 52.5	4.535	5.487	3.6	20.7
10 8	0 5.77	−18 17.4	4.579	5.488	4.7	20.8
10 18	0 1.55	−18 32.7	4.651	5.489	6.1	20.9
10 28	23 58.05	−18 37.5	4.747	5.490	7.4	21.0
314619	2006 DZ_{210}		9 26.0	205.°17	1.°0/27.6	18
8 19	0 30.58	+ 9 56.7	2.698	3.487	11.9	20.8
8 29	0 27.17	+ 9 1.3	2.604	3.484	9.4	20.6
9 8	0 22.34	+ 7 50.9	2.533	3.481	6.6	20.4
9 18	0 16.46	+ 6 28.0	2.489	3.478	3.4	20.2
9 28	0 10.08	+ 4 57.2	2.474	3.475	1.0	20.0
10 8	0 3.84	+ 3 24.2	2.491	3.472	3.7	20.2
10 18	23 58.34	+ 1 55.1	2.536	3.468	6.8	20.4
10 28	23 54.10	+ 0 35.2	2.610	3.464	9.7	20.6
150147	1996 EO_{10}		9 26.0	347.°25	3.°2/23.0	18
8 19	0 29.86	+ 0 2.3	1.271	2.142	18.0	19.2
8 29	0 28.12	− 1 23.0	1.203	2.136	13.8	18.9
9 8	0 23.74	− 3 7.6	1.155	2.132	9.0	18.7
9 18	0 17.31	− 5 2.8	1.130	2.128	4.3	18.4
9 28	0 9.88	− 6 56.0	1.129	2.124	4.3	18.4
10 8	0 2.76	− 8 34.3	1.153	2.122	9.0	18.6
10 18	23 57.15	− 9 47.8	1.200	2.120	13.8	18.9
10 28	23 53.97	−10 31.4	1.267	2.119	18.0	19.2
296726	2009 SA_{356}		9 26.0	316.°87	1.°5/28.9	18
8 19	0 26.61	+10 51.5	4.146	4.917	8.3	21.1
8 29	0 23.64	+10 37.5	4.047	4.913	6.7	21.0
9 8	0 19.76	+10 14.9	3.972	4.909	4.8	20.9
9 18	0 15.24	+ 9 44.6	3.924	4.904	2.9	20.7
9 28	0 10.41	+ 9 8.4	3.905	4.900	1.5	20.6
10 8	0 5.65	+ 8 28.8	3.915	4.896	2.5	20.7
10 18	0 1.32	+ 7 48.3	3.956	4.891	4.5	20.8
10 28	23 57.78	+ 7 9.9	4.024	4.887	6.4	21.0