2020	α_{2000}	δ_{2000}	Δ	r	β	V
191480	2003 SR_{310}		10 13.9	33.°58	8.°9/ 5.2	18
	h m	° ′			°	m
9 8	1 40.40	−16 57.8	1.981	2.834	13.0	19.2
9 18	1 35.79	−18 9.2	1.941	2.842	10.9	19.1
9 28	1 29.30	−19 10.0	1.923	2.850	9.3	19.0
10 8	1 21.64	−19 52.7	1.930	2.859	9.0	19.0
10 18	1 13.67	−20 12.0	1.962	2.867	10.0	19.1
10 28	1 6.30	−20 5.1	2.018	2.876	11.9	19.2
11 7	1 0.33	−19 32.6	2.096	2.886	14.0	19.4
11 17	0 56.27	−18 37.4	2.193	2.896	15.9	19.6
94284	2001 DW_{51}		10 13.9	51.°94	3.°8/10.5	18
9 8	1 41.45	− 2 11.3	2.069	2.924	12.5	18.6
9 18	1 36.51	− 2 43.2	2.008	2.931	9.4	18.4
9 28	1 29.76	− 3 16.2	1.971	2.938	6.2	18.2
10 8	1 21.83	− 3 45.3	1.960	2.946	4.0	18.1
10 18	1 13.53	− 4 5.8	1.978	2.953	4.8	18.1
10 28	1 5.75	− 4 13.9	2.023	2.961	7.7	18.3
11 7	0 59.25	− 4 7.3	2.095	2.969	10.7	18.5
11 17	0 54.59	− 3 45.7	2.189	2.977	13.4	18.7
434750	2006 HD_{42}		10 13.9	25.°80	12.°2/ 6.9	18
9 8	1 43.05	−16 52.9	1.149	2.029	18.6	19.4
9 18	1 38.63	−18 4.5	1.127	2.046	15.4	19.3
9 28	1 31.36	−18 58.0	1.124	2.065	13.0	19.2
10 8	1 22.42	−19 22.7	1.142	2.086	12.2	19.2
10 18	1 13.23	−19 12.1	1.181	2.108	13.3	19.4
10 28	1 5.25	−18 25.5	1.241	2.131	15.6	19.6
11 7	0 59.53	−17 7.2	1.321	2.155	18.3	19.8
11 17	0 56.60	−15 24.4	1.418	2.180	20.6	20.1
135041	2001 OU_{12}		10 13.9	119.°39	1.°7/12.5	18
9 8	1 43.67	+ 7 6.8	1.758	2.602	14.8	20.5
9 18	1 38.44	+ 6 11.6	1.698	2.617	11.1	20.3
9 28	1 31.08	+ 5 5.7	1.662	2.632	6.9	20.1
10 8	1 22.35	+ 3 54.8	1.652	2.646	2.7	19.9
10 18	1 13.22	+ 2 45.8	1.670	2.660	3.1	19.9
10 28	1 4.76	+ 1 46.0	1.717	2.674	7.2	20.2
11 7	0 57.87	+ 1 0.8	1.790	2.686	11.1	20.5
11 17	0 53.14	+ 0 33.4	1.886	2.699	14.4	20.7
470945	2009 HN_{106}		10 13.9	132.°35	1.°5/15.4	16
9 8	1 46.57	+15 23.3	1.843	2.654	15.5	22.6
9 18	1 40.63	+14 56.6	1.777	2.672	12.0	22.4
9 28	1 32.48	+14 13.2	1.733	2.688	8.0	22.2
10 8	1 22.89	+13 15.9	1.714	2.704	3.7	22.0
10 18	1 12.87	+12 9.9	1.725	2.719	1.9	21.9
10 28	1 3.52	+11 2.0	1.765	2.732	5.9	22.2
11 7	0 55.80	+ 9 59.7	1.832	2.745	9.8	22.4
11 17	0 50.32	+ 9 8.5	1.924	2.757	13.3	22.7
490482	2009 SZ_{352}		10 13.9	236.°64	1.°6/15.5	17
9 8	1 42.27	+13 40.2	2.390	3.200	12.4	22.0
9 18	1 37.14	+13 50.5	2.303	3.197	9.7	21.8
9 28	1 30.22	+13 50.4	2.239	3.193	6.5	21.6
10 8	1 22.06	+13 40.9	2.202	3.190	3.2	21.4
10 18	1 13.38	+13 24.1	2.194	3.187	1.8	21.2
10 28	1 5.02	+13 3.3	2.216	3.183	4.9	21.5
11 7	0 57.77	+12 42.9	2.266	3.180	8.2	21.7
11 17	0 52.22	+12 26.5	2.341	3.176	11.1	21.8
358976	2008 SZ_{38}		10 13.9	325.°39	0.°6/12.8	18
9 8	1 31.21	+ 7 11.5	4.228	5.057	7.1	20.6
9 18	1 28.11	+ 6 34.5	4.143	5.055	5.3	20.4
9 28	1 24.17	+ 5 52.9	4.085	5.052	3.3	20.3
10 8	1 19.69	+ 5 8.6	4.056	5.050	1.2	20.1
10 18	1 15.02	+ 4 24.2	4.057	5.048	1.3	20.1
10 28	1 10.51	+ 3 42.4	4.089	5.045	3.4	20.3
11 7	1 6.52	+ 3 5.5	4.150	5.043	5.4	20.4
11 17	1 3.34	+ 2 35.4	4.238	5.041	7.1	20.6
69985	1998 WV_{22}		10 13.9	325.°08	4.°0/10.2	18
9 8	1 40.32	− 2 50.3	2.156	3.012	12.0	19.1
9 18	1 35.70	− 3 26.2	2.085	3.007	9.1	18.9
9 28	1 29.31	− 4 3.1	2.037	3.003	6.1	18.7
10 8	1 21.71	− 4 36.1	2.016	3.000	4.1	18.6
10 18	1 13.67	− 5 0.2	2.023	2.996	5.0	18.6
10 28	1 6.04	− 5 11.5	2.058	2.992	7.8	18.8
11 7	0 59.60	− 5 7.4	2.119	2.989	10.8	19.0
11 17	0 54.91	− 4 47.4	2.203	2.986	13.5	19.2
263045	2007 HE_{7}		10 13.9	156.°27	5.°0/ 7.9	18
9 8	1 40.00	− 8 52.9	2.735	3.582	10.0	21.1
9 18	1 35.03	− 9 45.2	2.676	3.588	7.8	21.0
9 28	1 28.67	−10 34.6	2.642	3.593	5.9	20.9
10 8	1 21.42	−11 16.3	2.636	3.598	5.0	20.8
10 18	1 13.89	−11 46.1	2.658	3.602	5.9	20.9
10 28	1 6.73	−12 1.0	2.709	3.607	7.8	21.0
11 7	1 0.56	−11 59.5	2.786	3.611	9.9	21.2
11 17	0 55.81	−11 42.0	2.885	3.614	11.9	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
95451	2002 CV_{277}		10 13.9	116.°84	0.°1/14.0	18
	h m	° ′			°	m
9 8	1 39.80	+10 37.8	2.363	3.188	12.1	20.4
9 18	1 35.13	+10 8.4	2.292	3.199	9.2	20.2
9 28	1 28.84	+ 9 29.0	2.245	3.209	5.8	20.1
10 8	1 21.51	+ 8 42.5	2.226	3.220	2.2	19.8
10 18	1 13.83	+ 7 53.1	2.236	3.230	1.5	19.8
10 28	1 6.57	+ 7 5.7	2.275	3.239	5.1	20.1
11 7	1 0.43	+ 6 24.7	2.343	3.249	8.3	20.3
11 17	0 55.91	+ 5 53.7	2.435	3.258	11.2	20.5
108786	2001 OH_{63}		10 13.9	49.°62	4.°5/10.0	18
9 8	1 40.03	+ 0 35.1	1.538	2.407	15.2	18.7
9 18	1 35.80	− 0 43.6	1.499	2.431	11.3	18.5
9 28	1 29.42	− 2 6.6	1.482	2.454	7.3	18.3
10 8	1 21.72	− 3 25.4	1.491	2.478	4.6	18.2
10 18	1 13.74	− 4 31.8	1.527	2.503	5.8	18.4
10 28	1 6.54	− 5 19.0	1.588	2.528	9.3	18.6
11 7	1 1.00	− 5 43.9	1.674	2.552	12.7	18.9
11 17	0 57.64	− 5 46.1	1.781	2.577	15.7	19.2
482603	2012 YQ_{4}		10 13.9	338.°75	2.°9/16.1	17
9 8	1 39.07	+16 1.0	1.420	2.260	17.9	20.8
9 18	1 35.90	+16 9.1	1.340	2.249	14.2	20.5
9 28	1 30.02	+15 57.9	1.280	2.239	9.8	20.2
10 8	1 22.14	+15 28.2	1.242	2.229	5.2	19.9
10 18	1 13.36	+14 43.5	1.229	2.221	3.1	19.8
10 28	1 5.05	+13 51.0	1.241	2.214	7.0	20.0
11 7	0 58.48	+12 59.5	1.277	2.207	11.7	20.3
11 17	0 54.55	+12 16.8	1.336	2.201	16.0	20.5
349788	2009 BZ_{62}		10 13.9	323.°98	5.°1/10.9	18
9 8	1 44.96	− 3 15.6	1.452	2.320	16.0	20.1
9 18	1 40.21	− 3 32.1	1.376	2.304	12.4	19.8
9 28	1 32.69	− 3 48.6	1.320	2.289	8.4	19.6
10 8	1 23.15	− 3 58.8	1.288	2.275	5.3	19.4
10 18	1 12.71	− 3 56.6	1.282	2.261	6.3	19.4
10 28	1 2.79	− 3 37.1	1.302	2.248	10.2	19.6
11 7	0 54.66	− 2 58.2	1.345	2.235	14.4	19.8
11 17	0 49.20	− 2 0.6	1.409	2.224	18.2	20.0
400610	2009 BL_{171}		10 13.9	157.°06	0.°2/14.2	18
9 8	1 42.14	+10 50.8	2.195	3.019	12.9	22.0
9 18	1 37.07	+10 30.1	2.118	3.024	9.9	21.8
9 28	1 30.18	+ 9 58.6	2.065	3.028	6.3	21.6
10 8	1 22.06	+ 9 19.1	2.039	3.033	2.5	21.3
10 18	1 13.49	+ 8 35.5	2.042	3.036	1.5	21.3
10 28	1 5.36	+ 7 52.8	2.075	3.040	5.4	21.5
11 7	0 58.45	+ 7 16.1	2.135	3.043	8.9	21.8
11 17	0 53.35	+ 6 49.0	2.220	3.046	12.0	22.0
465007	2006 FZ_{41}		10 13.9	50.°64	1.°9/12.9	17
9 8	1 47.10	+ 5 46.2	1.067	1.939	20.2	20.8
9 18	1 41.96	+ 5 26.6	1.029	1.961	15.2	20.6
9 28	1 33.67	+ 4 55.7	1.009	1.984	9.5	20.3
10 8	1 23.39	+ 4 19.8	1.012	2.007	3.6	20.1
10 18	1 12.71	+ 3 46.7	1.039	2.031	3.7	20.2
10 28	1 3.26	+ 3 24.0	1.090	2.055	9.1	20.6
11 7	0 56.31	+ 3 16.9	1.164	2.080	14.0	20.9
11 17	0 52.49	+ 3 27.5	1.259	2.104	18.1	21.3
450305	2004 RK_{135}		10 13.9	3.°59	1.°0/13.2	17
9 8	1 38.10	+ 7 27.3	1.608	2.466	15.2	20.7
9 18	1 34.61	+ 7 4.4	1.540	2.465	11.5	20.5
9 28	1 28.88	+ 6 30.7	1.494	2.466	7.3	20.3
10 8	1 21.63	+ 5 50.6	1.472	2.467	2.7	20.0
10 18	1 13.79	+ 5 9.6	1.476	2.469	2.5	20.0
10 28	1 6.49	+ 4 34.1	1.508	2.472	7.1	20.3
11 7	1 0.70	+ 4 9.8	1.564	2.476	11.3	20.5
11 17	0 57.11	+ 4 0.1	1.642	2.481	14.9	20.8
388044	2005 SO_{212}		10 14.0	252.°60	0.°6/14.5	18
9 8	1 41.18	+13 11.1	1.748	2.580	15.4	21.8
9 18	1 36.98	+12 33.5	1.660	2.569	11.9	21.6
9 28	1 30.46	+11 38.4	1.593	2.557	7.8	21.3
10 8	1 22.27	+10 29.3	1.552	2.545	3.2	21.0
10 18	1 13.34	+ 9 11.8	1.538	2.533	1.8	20.9
10 28	1 4.82	+ 7 54.0	1.553	2.520	6.5	21.2
11 7	0 57.76	+ 6 44.3	1.593	2.507	11.0	21.4
11 17	0 52.92	+ 5 49.0	1.657	2.494	14.9	21.6
403154	2008 FG_{94}		10 14.0	90.°02	3.°3/11.0	18
9 8	1 43.91	− 1 26.3	2.241	3.087	12.0	20.9
9 18	1 38.16	− 1 50.5	2.186	3.104	9.0	20.8
9 28	1 30.72	− 2 15.7	2.156	3.122	5.9	20.6
10 8	1 22.23	− 2 37.8	2.153	3.140	3.5	20.5
10 18	1 13.46	− 2 52.9	2.179	3.157	4.2	20.6
10 28	1 5.24	− 2 57.6	2.234	3.174	6.9	20.8
11 7	0 58.30	− 2 50.0	2.317	3.191	9.8	21.0
11 17	0 53.12	− 2 29.6	2.423	3.208	12.4	21.2

23780 1998 QT_{10} 10 14.0 13.°28 9.°5/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.72	− 8 40.7	1.274	2.165	16.3	17.6
9 18	1 33.16	−10 45.1	1.234	2.169	12.9	17.4
9 28	1 28.07	−12 45.4	1.215	2.174	10.3	17.3
10 8	1 21.33	−14 28.2	1.219	2.180	9.6	17.3
10 18	1 14.07	−15 42.3	1.246	2.187	11.4	17.4
10 28	1 7.56	−16 20.6	1.296	2.196	14.4	17.6
11 7	1 2.85	−16 22.2	1.365	2.205	17.4	17.8
11 17	1 0.57	−15 50.4	1.452	2.216	20.2	18.0

507370 2011 YF_{75} 10 14.0 268.°29 1.°9/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 32.21	− 0 59.9	4.432	5.275	6.5	21.5
9 18	1 28.82	− 1 29.8	4.352	5.270	4.9	21.4
9 28	1 24.62	− 2 0.8	4.299	5.265	3.2	21.3
10 8	1 19.90	− 2 30.7	4.274	5.260	2.0	21.2
10 18	1 14.99	− 2 57.3	4.280	5.255	2.5	21.2
10 28	1 10.23	− 3 18.3	4.316	5.250	4.1	21.3
11 7	1 5.98	− 3 32.3	4.380	5.245	5.8	21.5
11 17	1 2.50	− 3 38.1	4.470	5.240	7.4	21.6

435632 2008 SB_{137} 10 14.0 350.°75 0.°9/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 33.34	+ 4 33.8	3.999	4.832	7.4	21.0
9 18	1 29.74	+ 4 15.8	3.917	4.831	5.5	20.8
9 28	1 25.24	+ 3 54.5	3.861	4.829	3.4	20.7
10 8	1 20.15	+ 3 31.8	3.834	4.828	1.4	20.5
10 18	1 14.84	+ 3 10.0	3.838	4.827	1.6	20.5
10 28	1 9.71	+ 2 51.2	3.872	4.826	3.7	20.7
11 7	1 5.15	+ 2 37.5	3.934	4.825	5.7	20.8
11 17	1 1.47	+ 2 30.3	4.023	4.824	7.5	21.0

249256 2008 SH_{38} 10 14.0 266.°61 0.°4/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 31.52	+ 7 56.9	4.437	5.262	6.9	21.1
9 18	1 28.31	+ 7 28.2	4.352	5.261	5.1	20.9
9 28	1 24.31	+ 6 55.0	4.294	5.260	3.2	20.8
10 8	1 19.79	+ 6 19.1	4.265	5.259	1.2	20.6
10 18	1 15.08	+ 5 42.6	4.266	5.258	1.1	20.6
10 28	1 10.53	+ 5 7.9	4.298	5.257	3.1	20.8
11 7	1 6.48	+ 4 37.1	4.359	5.256	5.0	20.9
11 17	1 3.21	+ 4 12.1	4.447	5.255	6.8	21.1

208851 2002 RY_{244} 10 14.0 349.°58 4.°1/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.15	+18 19.1	1.741	2.547	16.5	20.0
9 18	1 40.08	+18 57.2	1.661	2.546	13.3	19.8
9 28	1 32.50	+19 19.3	1.601	2.544	9.6	19.6
10 8	1 23.08	+19 24.3	1.565	2.543	5.9	19.4
10 18	1 12.86	+19 13.1	1.556	2.542	4.2	19.3
10 28	1 3.09	+18 49.9	1.575	2.541	6.6	19.4
11 7	0 54.94	+18 20.9	1.619	2.541	10.3	19.6
11 17	0 49.21	+17 52.8	1.688	2.541	13.9	19.9

400691 2009 QV_{48} 10 14.0 14.°14 4.°6/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.44	+ 0 10.3	1.823	2.693	13.2	20.2
9 18	1 32.29	− 1 30.2	1.763	2.695	9.9	20.0
9 28	1 27.26	− 3 16.8	1.728	2.698	6.6	19.8
10 8	1 20.99	− 5 0.9	1.718	2.702	4.7	19.7
10 18	1 14.30	− 6 33.9	1.737	2.706	6.1	19.8
10 28	1 8.08	− 7 48.0	1.782	2.711	9.2	20.0
11 7	1 3.16	− 8 38.7	1.852	2.716	12.4	20.2
11 17	1 0.08	− 9 4.6	1.943	2.721	15.2	20.5

76473 2000 FR_{57} 10 14.0 183.°31 1.°8/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.38	+ 5 7.8	1.989	2.835	13.2	19.4
9 18	1 36.68	+ 4 33.0	1.916	2.835	10.0	19.2
9 28	1 30.03	+ 3 50.4	1.865	2.835	6.3	19.0
10 8	1 22.06	+ 3 4.4	1.841	2.835	2.6	18.8
10 18	1 13.60	+ 2 20.2	1.846	2.835	3.0	18.8
10 28	1 5.58	+ 1 43.4	1.879	2.835	6.7	19.0
11 7	0 58.87	+ 1 18.3	1.938	2.834	10.4	19.3
11 17	0 54.08	+ 1 7.6	2.021	2.833	13.5	19.5

240363 2003 SV_{128} 10 14.0 180.°00 2.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.67	+17 47.9	2.192	2.992	13.7	20.9
9 18	1 36.84	+17 26.8	2.108	2.993	10.9	20.7
9 28	1 30.12	+16 49.4	2.046	2.994	7.5	20.5
10 8	1 22.10	+15 57.7	2.010	2.994	4.0	20.3
10 18	1 13.57	+14 55.1	2.002	2.994	2.3	20.1
10 28	1 5.46	+13 47.3	2.024	2.993	5.1	20.3
11 7	0 58.60	+12 41.0	2.075	2.992	8.6	20.6
11 17	0 53.58	+11 42.1	2.150	2.990	11.8	20.8

66591 1999 RY_{170} 10 14.0 69.°66 2.°4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.16	+15 44.1	2.075	2.883	14.1	19.2
9 18	1 38.01	+15 58.2	2.002	2.893	11.1	19.0
9 28	1 30.86	+15 59.0	1.952	2.902	7.6	18.8
10 8	1 22.38	+15 47.4	1.927	2.912	4.1	18.6
10 18	1 13.40	+15 25.7	1.930	2.921	2.5	18.5
10 28	1 4.89	+14 58.0	1.962	2.931	5.3	18.7
11 7	0 57.73	+14 29.6	2.022	2.940	8.8	19.0
11 17	0 52.53	+14 5.3	2.107	2.950	11.9	19.2

167416 2003 WY_{135} 10 14.0 350.°06 1.°4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.28	+13 13.9	1.379	2.231	17.6	19.4
9 18	1 35.26	+13 6.8	1.306	2.224	13.7	19.1
9 28	1 29.59	+12 41.7	1.252	2.218	9.1	18.8
10 8	1 22.01	+12 1.2	1.221	2.214	4.1	18.5
10 18	1 13.62	+11 10.5	1.215	2.210	2.1	18.4
10 28	1 5.77	+10 17.5	1.234	2.207	7.1	18.7
11 7	0 59.68	+ 9 30.7	1.278	2.205	12.0	19.0
11 17	0 56.17	+ 8 56.8	1.342	2.204	16.2	19.2

443309 2014 FZ_{35} 10 14.0 108.°13 2.°7/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.40	+ 3 31.2	2.062	2.911	12.7	21.1
9 18	1 35.72	+ 2 24.8	2.004	2.926	9.5	21.0
9 28	1 29.28	+ 1 11.8	1.971	2.941	5.9	20.8
10 8	1 21.74	− 0 1.9	1.965	2.956	3.0	20.6
10 18	1 13.86	− 1 10.1	1.987	2.970	3.9	20.7
10 28	1 6.52	− 2 6.6	2.039	2.984	7.1	20.9
11 7	1 0.45	− 2 47.4	2.117	2.997	10.4	21.2
11 17	0 56.18	− 3 10.4	2.218	3.010	13.1	21.4

223438 2003 SD_{285} 10 14.0 153.°61 1.°0/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.27	+15 43.9	2.482	3.292	12.0	20.4
9 18	1 33.26	+14 55.1	2.400	3.294	9.3	20.2
9 28	1 27.72	+13 52.2	2.341	3.297	6.2	20.0
10 8	1 21.16	+12 37.9	2.310	3.300	2.8	19.8
10 18	1 14.23	+11 17.0	2.308	3.302	1.4	19.7
10 28	1 7.67	+ 9 55.2	2.336	3.304	4.6	19.9
11 7	1 2.14	+ 8 38.5	2.393	3.306	7.9	20.1
11 17	0 58.12	+ 7 31.9	2.477	3.308	10.7	20.3

483612 2004 RN_{270} 10 14.0 22.°43 2.°8/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.63	+ 4 37.8	1.838	2.698	13.5	21.4
9 18	1 33.19	+ 3 25.9	1.774	2.702	10.1	21.2
9 28	1 27.84	+ 2 4.9	1.733	2.707	6.3	20.9
10 8	1 21.24	+ 0 41.3	1.719	2.712	3.1	20.8
10 18	1 14.21	− 0 37.4	1.733	2.717	4.1	20.8
10 28	1 7.67	− 1 43.9	1.774	2.723	7.7	21.1
11 7	1 2.44	− 2 32.8	1.840	2.729	11.2	21.3
11 17	0 59.09	− 3 1.6	1.929	2.736	14.3	21.5

348379 2005 GP_{7} 10 14.0 237.°94 2.°0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.87	+ 4 56.5	2.378	3.216	11.6	21.8
9 18	1 36.13	+ 4 2.8	2.283	3.200	8.8	21.6
9 28	1 29.66	+ 3 0.9	2.214	3.183	5.5	21.4
10 8	1 21.95	+ 1 55.0	2.172	3.165	2.5	21.2
10 18	1 13.71	+ 0 50.4	2.160	3.147	3.1	21.2
10 28	1 5.73	− 0 7.1	2.178	3.128	6.4	21.4
11 7	0 58.78	− 0 52.7	2.224	3.108	9.8	21.5
11 17	0 53.47	− 1 23.2	2.294	3.088	12.7	21.7

366476 2002 GZ_{185} 10 14.0 216.°97 0.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.43	+12 21.1	2.504	3.323	11.7	22.0
9 18	1 34.17	+11 45.3	2.416	3.318	8.9	21.8
9 28	1 28.33	+10 58.0	2.352	3.313	5.8	21.6
10 8	1 21.42	+10 2.0	2.315	3.307	2.3	21.4
10 18	1 14.08	+ 9 1.1	2.307	3.302	1.3	21.3
10 28	1 7.05	+ 8 0.6	2.330	3.295	4.8	21.5
11 7	1 1.02	+ 7 5.6	2.381	3.289	8.1	21.7
11 17	0 56.51	+ 6 20.2	2.457	3.282	11.0	21.9

515514 2014 EJ_{32} 10 14.0 214.°66 1.°7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.20	+ 4 51.3	2.055	2.896	13.0	22.2
9 18	1 38.07	+ 4 23.1	1.974	2.891	9.9	22.0
9 28	1 30.95	+ 3 47.7	1.917	2.886	6.2	21.8
10 8	1 22.46	+ 3 9.0	1.887	2.880	2.6	21.6
10 18	1 13.42	+ 2 31.7	1.885	2.874	2.9	21.6
10 28	1 4.78	+ 2 1.1	1.912	2.868	6.7	21.8
11 7	0 57.42	+ 1 41.3	1.966	2.861	10.3	22.0
11 17	0 51.98	+ 1 35.0	2.044	2.854	13.5	22.2

443663 2015 FY_{314} 10 14.0 124.°86 5.°1/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.50	− 2 6.5	1.638	2.501	14.8	20.6
9 18	1 38.55	− 3 11.9	1.580	2.507	11.2	20.4
9 28	1 31.32	− 4 20.1	1.546	2.513	7.6	20.2
10 8	1 22.59	− 5 23.2	1.536	2.520	5.2	20.1
10 18	1 13.37	− 6 13.7	1.554	2.525	6.4	20.2
10 28	1 4.82	− 6 45.3	1.598	2.531	9.8	20.4
11 7	0 57.89	− 6 54.9	1.667	2.536	13.3	20.6
11 17	0 53.25	− 6 42.4	1.756	2.542	16.3	20.8

513274 2006 UL_{15} 10 14.0 350.°48 5.°2/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.77	− 1 12.0	0.938	1.837	19.9	20.5
9 18	1 37.31	− 1 24.4	0.879	1.825	15.3	20.2
9 28	1 31.35	− 1 39.3	0.837	1.815	10.1	19.9
10 8	1 22.81	− 1 48.8	0.816	1.808	5.7	19.6
10 18	1 13.18	− 1 44.6	0.815	1.802	6.7	19.6
10 28	1 4.34	− 1 20.4	0.837	1.798	11.8	19.9
11 7	0 57.94	− 0 33.6	0.878	1.796	17.1	20.2
11 17	0 54.93	+ 0 34.6	0.936	1.796	21.7	20.5

95425 2002 CE_{237} 10 14.0 58.°20 2.°1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.27	+ 5 17.6	2.012	2.863	12.9	19.3
9 18	1 34.24	+ 4 22.5	1.949	2.872	9.6	19.1
9 28	1 28.43	+ 3 19.2	1.910	2.881	6.0	18.9
10 8	1 21.46	+ 2 13.1	1.897	2.891	2.6	18.7
10 18	1 14.12	+ 1 10.1	1.913	2.900	3.3	18.7
10 28	1 7.26	+ 0 16.4	1.957	2.910	6.7	19.0
11 7	1 1.65	− 0 23.4	2.027	2.920	10.2	19.2
11 17	0 57.81	− 0 46.9	2.121	2.930	13.1	19.4

41863 2000 WU_{96} 10 14.0 328.°33 2.°8/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.87	+ 4 10.9	1.411	2.281	16.3	18.4
9 18	1 36.41	+ 3 34.4	1.336	2.268	12.4	18.1
9 28	1 30.32	+ 2 47.7	1.282	2.256	7.9	17.9
10 8	1 22.33	+ 1 57.0	1.251	2.245	3.5	17.6
10 18	1 13.50	+ 1 9.7	1.246	2.234	4.3	17.6
10 28	1 5.19	+ 0 33.6	1.266	2.225	8.9	17.9
11 7	0 58.57	+ 0 14.9	1.310	2.215	13.6	18.1
11 17	0 54.50	+ 0 16.5	1.374	2.207	17.6	18.3

373159 2012 CT_{47} 10 14.0 207.°50 2.°2/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.76	+ 5 45.1	1.500	2.355	16.3	22.0
9 18	1 39.90	+ 5 4.3	1.429	2.352	12.4	21.8
9 28	1 32.42	+ 4 12.1	1.378	2.350	7.8	21.5
10 8	1 23.09	+ 3 14.5	1.353	2.347	3.2	21.2
10 18	1 13.03	+ 2 18.5	1.354	2.344	3.7	21.3
10 28	1 3.57	+ 1 32.2	1.382	2.340	8.4	21.5
11 7	0 55.88	+ 1 1.7	1.435	2.336	12.9	21.8
11 17	0 50.75	+ 0 50.4	1.509	2.332	16.8	22.0

60655 2000 FV_{45} 10 14.0 100.°75 3.°2/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.98	+ 0 6.2	1.980	2.829	13.1	19.1
9 18	1 38.51	− 0 23.9	1.920	2.841	9.9	18.9
9 28	1 31.12	− 0 57.0	1.884	2.852	6.4	18.7
10 8	1 22.48	− 1 28.1	1.874	2.863	3.5	18.6
10 18	1 13.46	− 1 52.4	1.893	2.874	4.3	18.7
10 28	1 5.02	− 2 5.7	1.940	2.885	7.5	18.9
11 7	0 57.98	− 2 5.2	2.014	2.895	10.7	19.1
11 17	0 52.89	− 1 50.2	2.110	2.906	13.6	19.3

279542 2011 CR_{18} 10 14.0 280.°55 4.°1/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.49	− 2 3.6	2.342	3.199	11.1	20.5
9 18	1 33.60	− 3 11.0	2.257	3.181	8.5	20.3
9 28	1 28.05	− 4 22.0	2.197	3.163	5.8	20.1
10 8	1 21.36	− 5 31.1	2.165	3.146	4.1	19.9
10 18	1 14.16	− 6 32.0	2.160	3.128	5.3	20.0
10 28	1 7.24	− 7 19.5	2.184	3.110	8.0	20.1
11 7	1 1.33	− 7 49.7	2.234	3.092	10.8	20.3
11 17	0 56.97	− 8 1.0	2.307	3.074	13.5	20.4

143427 2003 BF_{58} 10 14.0 206.°02 0.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.98	+ 8 55.3	1.903	2.739	14.1	20.6
9 18	1 38.08	+ 8 18.0	1.822	2.735	10.8	20.4
9 28	1 31.04	+ 7 28.8	1.764	2.731	6.8	20.1
10 8	1 22.53	+ 6 31.6	1.732	2.726	2.5	19.8
10 18	1 13.41	+ 5 32.0	1.728	2.721	2.2	19.8
10 28	1 4.74	+ 4 36.6	1.753	2.715	6.6	20.1
11 7	0 57.45	+ 3 51.4	1.805	2.709	10.6	20.3
11 17	0 52.22	+ 3 20.7	1.881	2.702	14.0	20.5

495307 2014 AQ_{32} 10 14.0 11.°01 17.°4/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.24	−14 8.7	0.817	1.728	20.9	21.0
9 18	1 34.81	−19 9.0	0.794	1.728	18.2	20.8
9 28	1 29.74	−23 52.4	0.791	1.728	17.4	20.8
10 8	1 22.15	−27 46.9	0.810	1.729	19.0	20.9
10 18	1 13.71	−30 31.2	0.847	1.731	21.9	21.1
10 28	1 6.36	−31 58.0	0.900	1.733	25.0	21.3
11 7	1 1.62	−32 13.7	0.964	1.735	27.9	21.6
11 17	1 0.25	−31 31.0	1.038	1.738	30.1	21.8

433161 2012 TB_{258} 10 14.0 34.°53 2.°9/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.69	+ 6 17.2	1.172	2.050	18.3	19.9
9 18	1 35.47	+ 5 4.5	1.131	2.068	13.6	19.7
9 28	1 29.55	+ 3 38.7	1.111	2.087	8.4	19.5
10 8	1 21.94	+ 2 9.4	1.113	2.107	3.6	19.3
10 18	1 13.89	+ 0 47.2	1.140	2.129	4.6	19.4
10 28	1 6.79	− 0 17.6	1.192	2.150	9.3	19.8
11 7	1 1.69	− 0 59.1	1.266	2.173	13.8	20.1
11 17	0 59.20	− 1 15.2	1.361	2.196	17.6	20.4

144921 2005 CE_{25} 10 14.0 156.°58 2.°3/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.64	+ 5 17.0	1.700	2.548	15.0	20.3
9 18	1 39.41	+ 4 25.2	1.633	2.554	11.3	20.1
9 28	1 31.89	+ 3 23.5	1.589	2.560	7.1	19.9
10 8	1 22.84	+ 2 18.0	1.571	2.565	3.0	19.6
10 18	1 13.26	+ 1 15.6	1.581	2.569	3.7	19.7
10 28	1 4.29	+ 0 23.6	1.619	2.573	7.8	20.0
11 7	0 56.93	− 0 12.5	1.683	2.576	11.8	20.2
11 17	0 51.84	− 0 30.1	1.769	2.579	15.3	20.4

517114 2013 GK_{42} 10 14.0 251.°72 1.°7/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.74	+ 3 30.0	2.165	3.004	12.6	21.3
9 18	1 39.18	+ 3 24.4	2.080	2.995	9.5	21.1
9 28	1 31.66	+ 3 14.0	2.019	2.987	6.0	20.9
10 8	1 22.76	+ 3 2.2	1.985	2.978	2.5	20.6
10 18	1 13.28	+ 2 52.1	1.980	2.970	2.7	20.6
10 28	1 4.16	+ 2 47.7	2.004	2.961	6.3	20.9
11 7	0 56.28	+ 2 51.9	2.057	2.952	9.9	21.1
11 17	0 50.27	+ 3 6.8	2.133	2.942	13.0	21.3

426635 2013 SM_{67} 10 14.0 303.°76 0.°5/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.64	+ 9 7.6	1.340	2.191	18.1	21.4
9 18	1 41.85	+ 9 22.0	1.262	2.182	14.0	21.1
9 28	1 33.98	+ 9 24.4	1.204	2.173	9.1	20.8
10 8	1 23.80	+ 9 16.9	1.170	2.164	3.7	20.5
10 18	1 12.57	+ 9 3.3	1.160	2.155	2.2	20.3
10 28	1 1.86	+ 8 49.3	1.177	2.146	7.9	20.7
11 7	0 53.14	+ 8 41.2	1.218	2.138	13.1	20.9
11 17	0 47.39	+ 8 44.1	1.280	2.130	17.6	21.2

481951 2009 DU_{49} 10 14.0 264.°90 0.°2/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.54	+10 30.2	2.060	2.888	13.5	21.8
9 18	1 37.78	+10 14.5	1.961	2.869	10.4	21.5
9 28	1 30.93	+ 9 47.3	1.885	2.849	6.8	21.3
10 8	1 22.54	+ 9 11.0	1.836	2.829	2.7	21.0
10 18	1 13.41	+ 8 29.3	1.814	2.809	1.7	20.8
10 28	1 4.54	+ 7 47.7	1.822	2.788	5.9	21.1
11 7	0 56.88	+ 7 11.7	1.858	2.767	10.0	21.3
11 17	0 51.16	+ 6 45.8	1.917	2.746	13.5	21.5

209691 2005 EB_{23} 10 14.0 264.°22 2.°8/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.69	+16 42.7	1.946	2.754	14.9	21.1
9 18	1 38.83	+16 54.1	1.850	2.740	11.9	20.8
9 28	1 31.69	+16 50.5	1.777	2.726	8.4	20.6
10 8	1 22.85	+16 32.2	1.728	2.712	4.6	20.4
10 18	1 13.21	+16 1.1	1.707	2.698	2.9	20.2
10 28	1 3.86	+15 21.9	1.715	2.683	5.9	20.4
11 7	0 55.87	+14 40.8	1.749	2.669	9.8	20.6
11 17	0 50.02	+14 4.2	1.808	2.654	13.4	20.8

233924 2009 TM_{32} 10 14.0 319.°23 0.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.92	+12 52.4	2.151	2.980	13.0	20.3
9 18	1 33.29	+12 10.2	2.067	2.974	10.0	20.1
9 28	1 27.91	+11 14.0	2.006	2.969	6.5	19.9
10 8	1 21.32	+10 7.2	1.971	2.964	2.6	19.6
10 18	1 14.25	+ 8 54.8	1.965	2.959	1.5	19.5
10 28	1 7.54	+ 7 43.2	1.988	2.955	5.4	19.8
11 7	1 1.96	+ 6 38.7	2.038	2.950	9.1	20.0
11 17	0 58.09	+ 5 46.1	2.113	2.946	12.3	20.2

402520 2006 DR_{161} 10 14.0 136.°43 4.°2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.44	− 2 41.4	2.381	3.237	11.0	20.9
9 18	1 33.40	− 3 52.4	2.316	3.239	8.3	20.8
9 28	1 27.82	− 5 5.4	2.276	3.242	5.7	20.6
10 8	1 21.25	− 6 14.6	2.265	3.244	4.2	20.5
10 18	1 14.32	− 7 14.3	2.281	3.246	5.3	20.6
10 28	1 7.77	− 7 59.7	2.326	3.248	7.7	20.7
11 7	1 2.25	− 8 27.8	2.397	3.250	10.4	20.9
11 17	0 58.25	− 8 37.7	2.490	3.252	12.7	21.1

494515 2016 YQ_{9} 10 14.0 220.°70 3.°9/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.16	+25 26.3	2.947	3.694	11.8	21.1
9 18	1 34.66	+25 18.7	2.845	3.685	9.8	20.9
9 28	1 28.65	+24 55.2	2.764	3.676	7.5	20.8
10 8	1 21.59	+24 16.1	2.710	3.667	5.2	20.6
10 18	1 14.09	+23 22.8	2.683	3.657	3.9	20.5
10 28	1 6.85	+22 18.9	2.687	3.647	4.7	20.6
11 7	1 0.51	+21 9.4	2.720	3.636	6.9	20.7
11 17	0 55.62	+19 59.9	2.780	3.625	9.3	20.8

352214 2007 TY_{4} 10 14.0 344.°69 0.°3/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.94	+ 9 44.2	1.292	2.159	17.6	20.7
9 18	1 34.42	+ 9 24.9	1.218	2.147	13.6	20.4
9 28	1 29.19	+ 8 49.4	1.164	2.137	8.7	20.1
10 8	1 21.95	+ 8 2.1	1.132	2.127	3.3	19.7
10 18	1 13.84	+ 7 9.4	1.124	2.118	2.4	19.6
10 28	1 6.25	+ 6 20.2	1.141	2.111	7.9	20.0
11 7	1 0.45	+ 5 42.6	1.181	2.105	13.0	20.2
11 17	0 57.30	+ 5 22.3	1.242	2.101	17.4	20.5

267004 1981 UA 10 14.0 350.°34 4.°1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	2 9.39	− 2 21.0	0.769	1.640	26.1	17.6
9 18	2 2.57	+ 1 31.1	0.690	1.618	20.9	17.2
9 28	1 49.48	+ 6 8.4	0.629	1.599	14.2	16.7
10 8	1 30.55	+11 22.1	0.591	1.584	6.5	16.3
10 18	1 7.83	+16 43.5	0.581	1.572	5.8	16.2
10 28	0 45.11	+21 36.0	0.598	1.565	13.7	16.5
11 7	0 26.34	+25 37.8	0.640	1.561	21.1	16.9
11 17	0 13.96	+28 49.2	0.699	1.561	26.9	17.3

217729 1999 XA_{79} 10 14.0 351.°71 4.°0/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.42	+22 14.9	1.936	2.731	15.5	19.6
9 18	1 33.99	+22 4.5	1.852	2.728	12.6	19.4
9 28	1 28.51	+21 33.3	1.788	2.725	9.3	19.2
10 8	1 21.60	+20 42.0	1.749	2.723	5.9	19.0
10 18	1 14.10	+19 33.9	1.736	2.721	4.0	18.8
10 28	1 7.03	+18 15.1	1.751	2.720	5.8	18.9
11 7	1 1.29	+16 53.9	1.792	2.719	9.1	19.2
11 17	0 57.55	+15 37.9	1.859	2.718	12.5	19.4

365810 2011 RU_3 10 14.0 8.°99 4.°5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.60	+ 3 17.4	1.467	2.343	15.4	20.5
9 18	1 32.88	+ 1 26.6	1.408	2.344	11.5	20.3
9 28	1 27.88	− 0 35.9	1.371	2.346	7.4	20.1
10 8	1 21.36	− 2 39.5	1.359	2.348	4.6	19.9
10 18	1 14.29	− 4 32.6	1.374	2.351	6.2	20.0
10 28	1 7.82	− 6 4.7	1.415	2.355	10.1	20.3
11 7	1 2.91	− 7 9.1	1.480	2.360	14.0	20.5
11 17	1 0.21	− 7 43.8	1.564	2.365	17.4	20.8

166586 2002 RO_{160} 10 14.0 290.°26 0.°6/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.94	+11 58.7	1.837	2.670	14.7	20.6
9 18	1 36.66	+11 39.3	1.756	2.665	11.3	20.4
9 28	1 30.22	+11 6.1	1.697	2.661	7.4	20.1
10 8	1 22.26	+10 21.9	1.664	2.657	3.1	19.8
10 18	1 13.68	+ 9 31.4	1.658	2.652	1.7	19.7
10 28	1 5.53	+ 8 40.7	1.680	2.648	6.1	20.0
11 7	0 58.78	+ 7 56.2	1.728	2.644	10.2	20.3
11 17	0 54.12	+ 7 23.1	1.801	2.639	13.8	20.5

139650 2001 QF_{176} 10 14.0 339.°12 1.°1/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.23	+ 7 57.3	1.721	2.573	14.7	19.9
9 18	1 35.44	+ 7 21.8	1.646	2.568	11.2	19.6
9 28	1 29.46	+ 6 34.5	1.593	2.564	7.0	19.4
10 8	1 21.97	+ 5 40.0	1.565	2.560	2.6	19.1
10 18	1 13.88	+ 4 44.2	1.564	2.556	2.6	19.1
10 28	1 6.25	+ 3 54.2	1.591	2.553	7.0	19.4
11 7	1 0.05	+ 3 16.0	1.642	2.550	11.1	19.6
11 17	0 55.97	+ 2 53.5	1.717	2.548	14.7	19.8

136705 1995 TY_1 10 14.0 24.°30 2.°0/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.46	+12 25.2	1.085	1.948	20.6	18.9
9 18	1 39.63	+12 45.5	1.033	1.956	16.0	18.7
9 28	1 32.55	+12 47.5	0.998	1.966	10.7	18.4
10 8	1 23.21	+12 33.1	0.984	1.976	4.9	18.2
10 18	1 13.10	+12 7.1	0.994	1.988	2.6	18.1
10 28	1 3.94	+11 37.1	1.028	2.001	7.9	18.4
11 7	0 57.14	+11 11.8	1.084	2.015	13.2	18.8
11 17	0 53.51	+10 57.6	1.160	2.030	17.7	19.1

322524 2011 YS_{14} 10 14.0 71.°88 3.°1/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 32.57	− 7 17.1	4.313	5.160	6.6	20.2
9 18	1 29.12	− 7 54.6	4.251	5.165	5.1	20.1
9 28	1 24.85	− 8 30.6	4.216	5.171	3.7	20.0
10 8	1 20.08	− 9 2.6	4.210	5.177	3.1	20.0
10 18	1 15.14	− 9 28.1	4.233	5.182	3.7	20.1
10 28	1 10.39	− 9 45.2	4.285	5.188	5.0	20.2
11 7	1 6.17	− 9 52.6	4.364	5.194	6.5	20.3
11 17	1 2.77	− 9 49.8	4.467	5.200	7.9	20.4

254158 2004 PR_{93} 10 14.0 69.°41 1.°9/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.76	+16 23.6	2.029	2.841	14.3	20.7
9 18	1 36.16	+16 6.9	1.966	2.860	11.1	20.5
9 28	1 29.67	+15 34.9	1.925	2.878	7.6	20.4
10 8	1 21.98	+14 50.0	1.910	2.896	3.8	20.2
10 18	1 13.92	+13 56.1	1.922	2.915	2.1	20.1
10 28	1 6.41	+12 59.0	1.964	2.933	5.2	20.3
11 7	1 0.25	+12 4.9	2.032	2.952	8.7	20.6
11 17	0 55.98	+11 19.0	2.126	2.970	11.8	20.8

196810 2003 SC_{224} 10 14.0 313.°84 1.°5/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.51	+14 3.4	1.645	2.479	16.1	20.8
9 18	1 36.65	+13 50.8	1.562	2.471	12.6	20.6
9 28	1 30.38	+13 21.4	1.501	2.462	8.4	20.3
10 8	1 22.38	+12 37.3	1.463	2.454	3.9	20.0
10 18	1 13.61	+11 43.2	1.452	2.446	2.0	19.9
10 28	1 5.29	+10 45.8	1.468	2.438	6.4	20.2
11 7	0 58.50	+ 9 53.2	1.509	2.431	10.9	20.4
11 17	0 54.03	+ 9 11.5	1.574	2.424	14.9	20.6

21139 1993 FP_{26} 10 14.0 260.°60 1.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.81	+14 36.8	2.054	2.868	14.1	19.6
9 18	1 38.07	+14 25.3	1.951	2.847	11.1	19.3
9 28	1 31.17	+13 59.2	1.871	2.827	7.5	19.1
10 8	1 22.68	+13 19.9	1.816	2.805	3.6	18.8
10 18	1 13.40	+12 30.7	1.790	2.784	1.9	18.6
10 28	1 4.35	+11 36.9	1.793	2.762	5.7	18.8
11 7	0 56.54	+10 45.1	1.823	2.739	9.7	19.0
11 17	0 50.72	+10 1.1	1.879	2.716	13.4	19.2

102362 1999 TS_{138} 10 14.0 315.°66 0.°6/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.48	+12 0.8	1.564	2.409	16.2	20.5
9 18	1 36.00	+11 39.2	1.479	2.395	12.6	20.2
9 28	1 30.05	+11 1.1	1.415	2.382	8.2	19.9
10 8	1 22.27	+10 9.5	1.375	2.369	3.4	19.6
10 18	1 13.67	+ 9 10.1	1.361	2.356	1.9	19.5
10 28	1 5.48	+ 8 10.4	1.374	2.344	6.9	19.8
11 7	0 58.85	+ 7 18.6	1.412	2.332	11.7	20.0
11 17	0 54.60	+ 6 40.8	1.472	2.321	15.8	20.2

184028 2004 FJ_{55} 10 14.0 72.°58 0.°7/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.87	+ 8 29.5	1.447	2.298	17.0	19.8
9 18	1 39.93	+ 8 10.0	1.387	2.308	12.9	19.6
9 28	1 32.38	+ 7 37.9	1.348	2.318	8.2	19.3
10 8	1 23.09	+ 6 57.7	1.333	2.328	3.0	19.1
10 18	1 13.21	+ 6 15.3	1.345	2.338	2.4	19.1
10 28	1 4.09	+ 5 37.9	1.383	2.349	7.5	19.4
11 7	0 56.84	+ 5 11.5	1.446	2.359	12.0	19.7
11 17	0 52.18	+ 5 0.0	1.532	2.369	15.8	20.0

515331 2013 AQ_{44} 10 14.0 235.°01 2.°3/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.08	+ 3 39.0	2.167	3.012	12.3	22.0
9 18	1 36.42	+ 2 57.0	2.083	3.003	9.3	21.8
9 28	1 29.91	+ 2 8.3	2.024	2.994	5.9	21.6
10 8	1 22.12	+ 1 17.3	1.992	2.984	2.7	21.4
10 18	1 13.81	+ 0 29.1	1.988	2.974	3.4	21.4
10 28	1 5.84	− 0 10.9	2.014	2.964	6.8	21.6
11 7	0 59.04	− 0 38.2	2.066	2.954	10.2	21.8
11 17	0 54.00	− 0 50.6	2.142	2.943	13.3	22.0

25751 Mokshagundam 10 14.0 117.°41 1.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.63	+ 5 58.2	1.722	2.566	15.0	18.6
9 18	1 40.03	+ 5 17.3	1.663	2.582	11.3	18.4
9 28	1 32.22	+ 4 27.2	1.628	2.597	7.1	18.2
10 8	1 22.97	+ 3 33.0	1.618	2.612	2.8	17.9
10 18	1 13.31	+ 2 41.2	1.637	2.627	3.1	18.0
10 28	1 4.34	+ 1 58.0	1.684	2.640	7.3	18.3
11 7	0 57.01	+ 1 28.5	1.757	2.654	11.2	18.5
11 17	0 51.94	+ 1 15.1	1.853	2.666	14.5	18.8

95208 2002 BM_{31} 10 14.0 125.°82 5.°1/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.71	− 6 22.9	2.243	3.097	11.6	19.4
9 18	1 35.93	− 7 16.6	2.182	3.101	9.0	19.3
9 28	1 29.46	− 8 8.8	2.146	3.105	6.5	19.1
10 8	1 21.90	− 8 53.8	2.137	3.109	5.2	19.0
10 18	1 13.98	− 9 26.6	2.157	3.113	6.1	19.1
10 28	1 6.52	− 9 43.0	2.203	3.117	8.5	19.3
11 7	1 0.23	− 9 41.5	2.275	3.121	11.1	19.4
11 17	0 55.64	− 9 22.0	2.369	3.125	13.5	19.6

262492 2006 UA_{212} 10 14.1 40.°99 1.°3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.52	+13 1.3	1.771	2.602	15.2	21.0
9 18	1 37.07	+12 55.4	1.703	2.610	11.8	20.8
9 28	1 30.44	+12 35.5	1.656	2.617	7.8	20.5
10 8	1 22.34	+12 3.9	1.634	2.625	3.5	20.3
10 18	1 13.71	+11 24.9	1.640	2.634	1.8	20.2
10 28	1 5.63	+10 44.0	1.673	2.642	5.9	20.5
11 7	0 59.04	+10 7.5	1.732	2.651	9.9	20.8
11 17	0 54.60	+ 9 40.2	1.816	2.660	13.4	21.0

205010 1997 KN_1 10 14.1 100.°22 2.°8/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.79	+ 2 26.8	1.866	2.717	13.7	20.4
9 18	1 37.77	+ 1 44.5	1.806	2.728	10.3	20.2
9 28	1 30.75	+ 0 56.7	1.769	2.739	6.5	20.0
10 8	1 22.42	+ 0 8.6	1.759	2.750	3.2	19.8
10 18	1 13.69	− 0 33.9	1.776	2.761	4.0	19.9
10 28	1 5.54	− 1 5.4	1.822	2.771	7.5	20.2
11 7	0 58.84	− 1 22.2	1.894	2.782	11.0	20.4
11 17	0 54.15	− 1 22.8	1.989	2.792	14.1	20.6

356099 2009 EZ_{25} 10 14.1 260.°74 3.°3/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.47	+ 1 47.9	1.923	2.779	13.2	21.3
9 18	1 36.15	+ 0 55.1	1.847	2.772	10.0	21.1
9 28	1 29.83	− 0 4.0	1.794	2.765	6.4	20.9
10 8	1 22.12	− 1 3.8	1.767	2.757	3.5	20.7
10 18	1 13.86	− 1 57.8	1.769	2.750	4.5	20.7
10 28	1 6.01	− 2 39.9	1.798	2.743	7.9	20.9
11 7	0 59.47	− 3 5.6	1.852	2.735	11.5	21.1
11 17	0 54.86	− 3 12.9	1.929	2.728	14.6	21.3

321377 2009 OQ_{15} 10 14.1 29.°38 1.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.43	+ 2 10.7	4.000	4.836	7.3	19.8
9 18	1 30.58	+ 1 54.6	3.924	4.839	5.5	19.6
9 28	1 25.83	+ 1 36.4	3.874	4.842	3.4	19.5
10 8	1 20.50	+ 1 18.0	3.854	4.845	1.6	19.4
10 18	1 14.96	+ 1 1.6	3.863	4.849	2.0	19.4
10 28	1 9.61	+ 0 49.2	3.903	4.852	3.9	19.5
11 7	1 4.85	+ 0 42.6	3.972	4.856	5.9	19.7
11 17	1 0.99	+ 0 43.0	4.067	4.859	7.6	19.8

16825 1997 VC_8 10 14.1 37.°96 1.°9/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.58	+14 56.1	1.578	2.408	16.8	18.1
9 18	1 38.22	+14 47.6	1.505	2.410	13.2	17.9
9 28	1 31.37	+14 21.5	1.453	2.412	8.9	17.6
10 8	1 22.77	+13 39.8	1.425	2.414	4.3	17.4
10 18	1 13.47	+12 47.0	1.423	2.416	2.3	17.2
10 28	1 4.76	+11 50.3	1.448	2.418	6.5	17.5
11 7	0 57.73	+10 57.6	1.498	2.421	10.9	17.8
11 17	0 53.14	+10 15.6	1.572	2.423	14.8	18.0

488295 2016 UV_{33} 10 14.1 6.°62 1.°7/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.73	+15 5.7	1.551	2.387	16.8	20.3
9 18	1 36.10	+14 47.5	1.479	2.387	13.1	20.1
9 28	1 30.02	+14 10.5	1.427	2.388	8.8	19.9
10 8	1 22.25	+13 17.5	1.399	2.389	4.2	19.6
10 18	1 13.81	+12 13.6	1.396	2.390	2.1	19.5
10 28	1 5.93	+11 6.8	1.421	2.392	6.5	19.8
11 7	0 59.69	+10 5.6	1.471	2.395	10.9	20.0
11 17	0 55.82	+ 9 16.7	1.543	2.398	14.9	20.3

14955 1996 DX 10 14.1 286.°51 2.°3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.28	+ 5 28.3	1.530	2.389	15.9	18.4
9 18	1 38.22	+ 4 48.8	1.444	2.370	12.1	18.1
9 28	1 31.54	+ 3 57.6	1.378	2.351	7.7	17.8
10 8	1 22.91	+ 3 0.1	1.337	2.331	3.2	17.5
10 18	1 13.34	+ 2 3.2	1.323	2.312	3.8	17.5
10 28	1 4.15	+ 1 15.4	1.335	2.293	8.6	17.7
11 7	0 56.56	+ 0 43.4	1.371	2.274	13.3	17.9
11 17	0 51.45	+ 0 31.3	1.428	2.255	17.4	18.2

519764 2013 EL_{75} 10 14.1 242.°59 0.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.89	+ 9 38.3	2.250	3.075	12.6	22.3
9 18	1 37.82	+ 9 28.6	2.158	3.064	9.7	22.1
9 28	1 30.85	+ 9 9.5	2.089	3.052	6.2	21.9
10 8	1 22.54	+ 8 43.3	2.047	3.040	2.4	21.6
10 18	1 13.62	+ 8 13.2	2.034	3.028	1.5	21.5
10 28	1 5.00	+ 7 43.6	2.051	3.015	5.5	21.8
11 7	0 57.52	+ 7 19.1	2.095	3.002	9.1	22.0
11 17	0 51.83	+ 7 3.3	2.165	2.989	12.3	22.2

313998 2004 TM_{261} 10 14.1 94.°14 1.°1/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.93	+ 5 49.5	2.228	3.066	12.3	20.5
9 18	1 36.93	+ 5 35.6	2.156	3.070	9.3	20.3
9 28	1 30.16	+ 5 15.1	2.107	3.075	5.8	20.1
10 8	1 22.23	+ 4 51.3	2.085	3.079	2.2	19.9
10 18	1 13.86	+ 4 27.7	2.092	3.084	2.2	19.9
10 28	1 5.92	+ 4 8.4	2.129	3.089	5.8	20.1
11 7	0 59.17	+ 3 57.0	2.193	3.093	9.1	20.4
11 17	0 54.16	+ 3 55.8	2.281	3.098	12.1	20.6

58348 1995 CE_8 10 14.1 75.°92 1.°2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.94	+13 46.1	1.556	2.389	16.9	19.3
9 18	1 39.06	+13 26.3	1.498	2.406	13.0	19.0
9 28	1 31.75	+12 49.6	1.461	2.423	8.6	18.8
10 8	1 22.86	+11 59.4	1.448	2.440	3.8	18.6
10 18	1 13.49	+11 1.2	1.463	2.457	1.9	18.5
10 28	1 4.87	+10 2.7	1.504	2.474	6.4	18.8
11 7	0 58.03	+ 9 11.4	1.572	2.491	10.8	19.1
11 17	0 53.61	+ 8 32.7	1.662	2.507	14.4	19.4

65165 2002 CR_{163} 10 14.1 140.°07 2.°8/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.79	+17 47.4	2.265	3.061	13.5	19.6
9 18	1 37.72	+18 0.2	2.183	3.063	10.7	19.4
9 28	1 30.76	+17 59.4	2.123	3.066	7.6	19.2
10 8	1 22.49	+17 45.3	2.089	3.069	4.4	19.0
10 18	1 13.70	+17 19.9	2.083	3.072	2.9	18.9
10 28	1 5.28	+16 47.1	2.107	3.074	5.1	19.1
11 7	0 58.08	+16 12.0	2.158	3.076	8.3	19.3
11 17	0 52.70	+15 39.5	2.235	3.079	11.3	19.5

485846 2012 DO_{94} 10 14.1 92.°61 6.°4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.70	+29 11.0	2.321	3.053	14.9	21.6
9 18	1 38.57	+29 50.0	2.240	3.060	12.7	21.4
9 28	1 31.38	+30 9.8	2.179	3.068	10.3	21.3
10 8	1 22.76	+30 8.3	2.141	3.075	7.9	21.2
10 18	1 13.53	+29 45.7	2.130	3.082	6.5	21.1
10 28	1 4.70	+29 5.1	2.146	3.089	6.9	21.1
11 7	0 57.18	+28 12.1	2.189	3.097	8.8	21.3
11 17	0 51.65	+27 13.8	2.258	3.104	11.1	21.4

47456 1999 XZ_{231} 10 14.1 324.°65 4.°5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.52	+14 23.6	1.241	2.082	19.9	17.1
9 18	1 43.14	+15 35.5	1.157	2.065	16.0	16.8
9 28	1 35.26	+16 34.9	1.091	2.048	11.4	16.4
10 8	1 24.53	+17 19.0	1.047	2.032	6.6	16.1
10 18	1 12.27	+17 46.0	1.027	2.017	4.7	16.0
10 28	1 0.31	+17 58.4	1.032	2.003	8.6	16.2
11 7	0 50.45	+18 2.1	1.061	1.989	13.7	16.4
11 17	0 43.98	+18 4.9	1.110	1.977	18.4	16.7

65539 7562 P–L 10 14.1 346.°67 0.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.35	+ 7 40.2	1.683	2.527	15.3	18.6
9 18	1 39.48	+ 8 0.3	1.604	2.520	11.8	18.3
9 28	1 32.17	+ 8 12.4	1.548	2.515	7.6	18.1
10 8	1 23.11	+ 8 18.3	1.516	2.510	3.0	17.8
10 18	1 13.30	+ 8 20.9	1.512	2.506	1.9	17.7
10 28	1 3.95	+ 8 24.0	1.535	2.502	6.6	18.0
11 7	0 56.17	+ 8 31.7	1.584	2.499	10.9	18.3
11 17	0 50.73	+ 8 47.2	1.656	2.497	14.7	18.5

363636 2004 RJ_{184} 10 14.1 62.°42 5.°5/18.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.03	+21 46.5	1.148	1.970	22.3	20.6
9 18	1 42.22	+22 2.3	1.100	1.992	18.0	20.4
9 28	1 34.11	+21 48.9	1.069	2.014	13.1	20.2
10 8	1 23.83	+21 6.5	1.059	2.036	8.1	20.0
10 18	1 12.93	+20 0.0	1.072	2.058	5.5	20.0
10 28	1 3.18	+18 39.7	1.110	2.081	8.0	20.2
11 7	0 55.94	+17 18.4	1.172	2.103	12.4	20.5
11 17	0 51.93	+16 7.0	1.255	2.126	16.5	20.8

395998 2013 BO_{46} 10 14.1 206.°68 0.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.20	+ 7 19.1	1.872	2.713	14.1	21.4
9 18	1 38.27	+ 7 5.0	1.797	2.713	10.7	21.2
9 28	1 31.22	+ 6 42.0	1.745	2.713	6.8	21.0
10 8	1 22.70	+ 6 13.2	1.718	2.713	2.6	20.7
10 18	1 13.61	+ 5 43.1	1.720	2.713	2.2	20.7
10 28	1 4.99	+ 5 16.8	1.749	2.713	6.4	21.0
11 7	0 57.78	+ 4 59.0	1.806	2.712	10.4	21.2
11 17	0 52.66	+ 4 52.9	1.886	2.712	13.8	21.4

265998 2006 DE_{110} 10 14.1 261.°55 0.°9/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.59	+ 8 21.6	2.523	3.356	11.2	21.4
9 18	1 33.62	+ 7 31.7	2.427	3.340	8.5	21.2
9 28	1 28.09	+ 6 31.9	2.357	3.325	5.3	21.0
10 8	1 21.48	+ 5 25.8	2.314	3.309	2.0	20.8
10 18	1 14.38	+ 4 18.1	2.301	3.292	2.1	20.7
10 28	1 7.54	+ 3 14.3	2.318	3.276	5.5	20.9
11 7	1 1.63	+ 2 19.3	2.362	3.259	8.7	21.1
11 17	0 57.20	+ 1 37.0	2.432	3.242	11.6	21.3

349917 2009 RB_{14} 10 14.1 83.°42 1.°3/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.72	+12 8.8	2.269	3.084	12.9	20.6
9 18	1 38.35	+12 22.4	2.189	3.087	10.0	20.4
9 28	1 31.14	+12 26.3	2.132	3.090	6.6	20.2
10 8	1 22.64	+12 21.6	2.103	3.093	3.0	20.0
10 18	1 13.65	+12 10.5	2.102	3.096	1.7	19.9
10 28	1 5.03	+11 56.5	2.131	3.098	5.0	20.1
11 7	0 57.62	+11 43.6	2.188	3.101	8.5	20.3
11 17	0 52.01	+11 35.3	2.270	3.104	11.5	20.5

230484 2002 TJ_{73} 10 14.1 339.°66 4.°2/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.99	+20 6.8	1.335	2.163	19.5	19.7
9 18	1 36.85	+20 6.6	1.259	2.157	15.7	19.4
9 28	1 30.82	+19 40.7	1.202	2.152	11.3	19.2
10 8	1 22.68	+18 49.4	1.165	2.147	6.7	18.9
10 18	1 13.61	+17 36.7	1.154	2.143	4.2	18.7
10 28	1 5.12	+16 11.8	1.167	2.140	7.3	18.9
11 7	0 58.55	+14 46.3	1.204	2.137	12.0	19.2
11 17	0 54.79	+13 30.7	1.263	2.134	16.4	19.4

327658 2006 QG_{62} 10 14.1 345.°86 5.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.56	+ 2 28.4	1.077	1.971	18.4	19.3
9 18	1 33.71	+ 0 57.1	1.017	1.962	13.9	19.0
9 28	1 28.88	− 0 47.9	0.976	1.954	9.0	18.7
10 8	1 21.93	− 2 34.9	0.957	1.947	5.5	18.5
10 18	1 14.11	− 4 10.2	0.961	1.942	7.4	18.6
10 28	1 6.98	− 5 20.9	0.988	1.937	12.1	18.8
11 7	1 1.88	− 5 59.3	1.035	1.934	16.9	19.1
11 17	0 59.62	− 6 4.0	1.100	1.932	21.1	19.4

11868 Kleinrichert 10 14.1 130.°84 3.°1/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.54	+19 50.3	2.459	3.241	12.9	19.7
9 18	1 37.36	+19 57.8	2.380	3.250	10.4	19.5
9 28	1 30.45	+19 51.0	2.323	3.259	7.5	19.3
10 8	1 22.37	+19 30.4	2.293	3.268	4.6	19.2
10 18	1 13.85	+18 58.0	2.291	3.276	3.1	19.1
10 28	1 5.72	+18 17.6	2.319	3.284	4.9	19.2
11 7	0 58.74	+17 34.3	2.375	3.292	7.7	19.4
11 17	0 53.47	+16 53.1	2.457	3.300	10.4	19.6

512130 2015 PF_{31} 10 14.1 91.°70 4.°2/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.29	+21 41.2	1.979	2.764	15.5	20.9
9 18	1 38.33	+21 51.5	1.907	2.776	12.6	20.8
9 28	1 31.23	+21 43.1	1.856	2.788	9.2	20.6
10 8	1 22.70	+21 16.3	1.829	2.800	5.9	20.4
10 18	1 13.65	+20 33.3	1.829	2.812	4.2	20.3
10 28	1 5.14	+19 39.4	1.858	2.824	5.9	20.5
11 7	0 58.08	+18 41.6	1.914	2.835	9.0	20.7
11 17	0 53.12	+17 46.6	1.995	2.847	12.1	20.9

408512 2013 JT_{32} 10 14.1 34.°85 4.°3/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.66	− 1 35.6	2.037	2.899	12.3	20.8
9 18	1 33.81	− 2 42.8	1.979	2.905	9.3	20.6
9 28	1 28.23	− 3 52.8	1.944	2.912	6.2	20.4
10 8	1 21.52	− 4 59.0	1.936	2.919	4.3	20.3
10 18	1 14.43	− 5 55.4	1.955	2.926	5.4	20.4
10 28	1 7.81	− 6 36.3	2.002	2.933	8.2	20.6
11 7	1 2.39	− 6 58.8	2.075	2.941	11.2	20.8
11 17	0 58.70	− 7 2.0	2.169	2.948	13.8	21.0

328852 2009 WR_{142} 10 14.1 287.°71 2.°0/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.23	+ 2 59.4	2.267	3.111	11.9	20.7
9 18	1 36.47	+ 2 40.6	2.184	3.103	9.0	20.5
9 28	1 29.95	+ 2 17.0	2.126	3.095	5.7	20.2
10 8	1 22.21	+ 1 52.1	2.095	3.087	2.6	20.0
10 18	1 13.97	+ 1 30.0	2.092	3.079	3.0	20.0
10 28	1 6.06	+ 1 14.6	2.118	3.072	6.3	20.3
11 7	0 59.27	+ 1 9.2	2.172	3.064	9.6	20.4
11 17	0 54.18	+ 1 15.6	2.250	3.057	12.5	20.6

142384 2002 SX_8 10 14.1 245.°67 1.°1/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.38	+ 8 9.1	1.645	2.491	15.5	20.4
9 18	1 38.81	+ 7 34.2	1.563	2.482	11.9	20.2
9 28	1 31.79	+ 6 46.5	1.503	2.473	7.5	19.9
10 8	1 23.00	+ 5 50.3	1.469	2.463	2.8	19.6
10 18	1 13.45	+ 4 51.9	1.461	2.454	2.7	19.6
10 28	1 4.35	+ 3 58.9	1.481	2.444	7.4	19.8
11 7	0 56.82	+ 3 18.1	1.527	2.433	11.9	20.1
11 17	0 51.64	+ 2 53.8	1.595	2.423	15.8	20.3

21627 Sillis 10 14.1 130.°46 4.°8/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.23	− 2 34.9	2.035	2.889	12.6	18.9
9 18	1 37.19	− 3 57.6	1.981	2.903	9.6	18.7
9 28	1 30.33	− 5 22.3	1.952	2.916	6.5	18.6
10 8	1 22.32	− 6 41.7	1.951	2.929	4.8	18.5
10 18	1 13.96	− 7 49.0	1.978	2.941	6.0	18.6
10 28	1 6.17	− 8 38.5	2.032	2.953	8.8	18.8
11 7	0 59.69	− 9 7.2	2.113	2.964	11.6	19.0
11 17	0 55.07	− 9 14.9	2.215	2.975	14.2	19.2

394808 2008 RV_{124} 10 14.1 281.°14 0.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 31.90	+ 5 40.3	4.294	5.126	6.9	21.4
9 18	1 28.70	+ 5 6.8	4.209	5.122	5.2	21.3
9 28	1 24.68	+ 4 29.5	4.151	5.119	3.2	21.2
10 8	1 20.12	+ 3 50.3	4.122	5.116	1.3	21.0
10 18	1 15.35	+ 3 11.6	4.124	5.113	1.5	21.0
10 28	1 10.75	+ 2 35.8	4.156	5.110	3.4	21.2
11 7	1 6.66	+ 2 5.3	4.217	5.107	5.4	21.3
11 17	1 3.36	+ 1 41.6	4.304	5.103	7.1	21.4

131091 2000 YG_{140} 10 14.1 274.°57 7.°8/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.85	−11 28.7	1.775	2.630	14.2	19.3
9 18	1 40.39	−12 19.4	1.710	2.623	11.4	19.2
9 28	1 32.61	−13 4.0	1.667	2.615	8.9	19.0
10 8	1 23.27	−13 34.7	1.650	2.608	7.8	18.9
10 18	1 13.34	−13 45.1	1.658	2.601	8.9	19.0
10 28	1 3.99	−13 31.3	1.693	2.594	11.5	19.1
11 7	0 56.22	−12 52.8	1.750	2.587	14.4	19.3
11 17	0 50.71	−11 52.0	1.829	2.579	17.0	19.5

49047 1998 RK_{20} 10 14.1 346.°29 2.°8/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.49	+ 6 59.8	1.238	2.114	17.7	19.0
9 18	1 34.87	+ 5 47.4	1.173	2.108	13.4	18.7
9 28	1 29.49	+ 4 18.0	1.127	2.103	8.4	18.5
10 8	1 22.16	+ 2 40.1	1.104	2.099	3.6	18.2
10 18	1 14.05	+ 1 4.6	1.107	2.096	4.5	18.2
10 28	1 6.58	− 0 16.4	1.133	2.093	9.6	18.5
11 7	1 0.97	− 1 14.3	1.183	2.091	14.5	18.8
11 17	0 58.02	− 1 44.8	1.252	2.090	18.7	19.0

21369 Gertfinger 10 14.1 297.°60 6.°2/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.70	− 7 55.8	2.089	2.950	12.1	18.3
9 18	1 34.70	− 9 9.6	2.019	2.940	9.5	18.1
9 28	1 28.89	−10 22.2	1.974	2.930	7.2	17.9
10 8	1 21.83	−11 26.3	1.955	2.920	6.3	17.9
10 18	1 14.27	−12 15.5	1.963	2.910	7.5	17.9
10 28	1 7.10	−12 44.7	1.997	2.900	9.9	18.1
11 7	1 1.11	−12 51.3	2.056	2.890	12.6	18.2
11 17	0 56.88	−12 35.7	2.135	2.880	15.1	18.4

154220 2002 JG_{63} 10 14.1 131.°07 3.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.56	− 1 57.2	2.373	3.221	11.3	20.0
9 18	1 36.52	− 2 30.7	2.307	3.226	8.5	19.8
9 28	1 29.87	− 3 5.5	2.265	3.231	5.7	19.7
10 8	1 22.16	− 3 37.2	2.251	3.235	3.6	19.6
10 18	1 14.09	− 4 1.5	2.265	3.240	4.4	19.6
10 28	1 6.44	− 4 14.8	2.308	3.244	7.0	19.8
11 7	0 59.90	− 4 14.8	2.378	3.248	9.8	20.0
11 17	0 54.99	− 4 0.8	2.472	3.252	12.3	20.2

375681 2009 HL_{41} 10 14.1 68.°45 2.°7/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.41	+ 4 53.2	1.264	2.126	18.3	21.0
9 18	1 41.85	+ 4 8.6	1.224	2.152	13.7	20.8
9 28	1 33.55	+ 3 14.4	1.206	2.179	8.5	20.6
10 8	1 23.57	+ 2 18.0	1.211	2.205	3.6	20.4
10 18	1 13.27	+ 1 27.5	1.242	2.231	4.2	20.5
10 28	1 4.06	+ 0 50.5	1.300	2.258	8.8	20.8
11 7	0 57.04	+ 0 31.7	1.381	2.283	13.2	21.2
11 17	0 52.80	+ 0 32.6	1.483	2.309	16.9	21.5

23963 1998 WY_8 10 14.1 326.°54 1.°0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 32.98	+14 52.8	4.044	4.843	8.0	18.6
9 18	1 29.60	+14 39.1	3.951	4.838	6.2	18.5
9 28	1 25.30	+14 18.0	3.883	4.834	4.2	18.3
10 8	1 20.39	+13 50.7	3.843	4.830	2.1	18.2
10 18	1 15.23	+13 19.1	3.833	4.825	1.1	18.1
10 28	1 10.23	+12 45.4	3.853	4.821	3.0	18.2
11 7	1 5.80	+12 12.4	3.903	4.817	5.1	18.4
11 17	1 2.25	+11 42.6	3.980	4.813	7.0	18.5

149326 2002 VM_{36} 10 14.1 326.°96 5.°8/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.20	− 1 46.1	1.203	2.086	17.6	19.0
9 18	1 37.94	− 2 30.9	1.131	2.069	13.5	18.7
9 28	1 31.64	− 3 20.4	1.079	2.052	9.2	18.4
10 8	1 23.07	− 4 5.7	1.049	2.037	6.0	18.2
10 18	1 13.46	− 4 37.6	1.043	2.022	7.3	18.3
10 28	1 4.40	− 4 47.7	1.060	2.008	11.7	18.5
11 7	0 57.32	− 4 32.0	1.098	1.995	16.4	18.7
11 17	0 53.18	− 3 50.3	1.155	1.983	20.6	18.9

298063 2002 QW_{86} 10 14.1 19.°77 1.°4/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.36	+ 8 11.4	1.727	2.577	14.7	21.1
9 18	1 35.52	+ 7 18.5	1.656	2.578	11.1	20.8
9 28	1 29.54	+ 6 13.0	1.609	2.580	7.0	20.6
10 8	1 22.11	+ 5 0.3	1.586	2.581	2.6	20.3
10 18	1 14.14	+ 3 47.3	1.591	2.583	2.8	20.4
10 28	1 6.69	+ 2 41.8	1.624	2.584	7.1	20.6
11 7	1 0.67	+ 1 50.3	1.682	2.586	11.2	20.9
11 17	0 56.74	+ 1 16.7	1.763	2.589	14.6	21.1

487457 2014 SN_{89} 10 14.1 105.°69 2.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.55	+16 27.8	2.446	3.245	12.5	21.8
9 18	1 36.63	+16 34.6	2.367	3.251	9.9	21.7
9 28	1 30.02	+16 29.4	2.310	3.257	6.8	21.5
10 8	1 22.27	+16 12.8	2.280	3.263	3.8	21.3
10 18	1 14.06	+15 47.2	2.278	3.268	2.3	21.2
10 28	1 6.22	+15 16.1	2.306	3.274	4.7	21.4
11 7	0 59.48	+14 44.2	2.362	3.279	7.7	21.6
11 17	0 54.40	+14 15.6	2.444	3.285	10.5	21.8

353679 2011 UF_{257} 10 14.1 226.°20 0.°3/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.94	+ 9 45.1	1.970	2.806	13.7	21.4
9 18	1 36.51	+ 9 18.6	1.892	2.805	10.5	21.2
9 28	1 30.10	+ 8 40.7	1.838	2.804	6.7	21.0
10 8	1 22.33	+ 7 54.8	1.809	2.803	2.5	20.7
10 18	1 14.02	+ 7 5.7	1.808	2.802	1.8	20.6
10 28	1 6.15	+ 6 19.1	1.836	2.801	6.0	20.9
11 7	0 59.57	+ 5 40.6	1.891	2.800	9.8	21.2
11 17	0 54.93	+ 5 14.2	1.970	2.799	13.2	21.4

442425 2011 UE_{130} 10 14.1 60.°61 1.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.78	+ 5 44.6	1.696	2.544	15.0	21.2
9 18	1 38.73	+ 5 24.1	1.639	2.560	11.3	21.0
9 28	1 31.49	+ 4 55.4	1.605	2.575	7.1	20.8
10 8	1 22.83	+ 4 22.9	1.597	2.591	2.7	20.6
10 18	1 13.75	+ 3 51.6	1.615	2.607	2.8	20.6
10 28	1 5.35	+ 3 27.2	1.662	2.623	7.0	20.9
11 7	0 58.54	+ 3 13.7	1.734	2.639	10.9	21.2
11 17	0 53.95	+ 3 13.7	1.830	2.655	14.2	21.4

39279 2001 BZ_{21} 10 14.1 56.°17 2.°5/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.09	+ 4 39.5	1.560	2.419	15.6	18.8
9 18	1 37.68	+ 3 55.3	1.502	2.428	11.7	18.6
9 28	1 30.93	+ 3 2.0	1.465	2.437	7.3	18.4
10 8	1 22.65	+ 2 6.0	1.454	2.447	3.2	18.2
10 18	1 13.87	+ 1 14.0	1.469	2.457	3.8	18.2
10 28	1 5.76	+ 0 33.2	1.511	2.467	8.0	18.5
11 7	0 59.31	+ 0 8.4	1.578	2.477	12.1	18.8
11 17	0 55.16	+ 0 2.0	1.666	2.487	15.5	19.0

263448 2008 EG_1 10 14.1 143.°25 4.°3/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.49	− 0 32.4	1.671	2.528	14.8	20.6
9 18	1 40.12	− 1 25.4	1.610	2.534	11.2	20.3
9 28	1 32.44	− 2 22.4	1.572	2.541	7.4	20.1
10 8	1 23.23	− 3 16.4	1.560	2.547	4.5	20.0
10 18	1 13.51	− 4 0.4	1.575	2.552	5.6	20.1
10 28	1 4.44	− 4 28.5	1.618	2.558	9.1	20.3
11 7	0 57.02	− 4 37.2	1.685	2.563	12.7	20.5
11 17	0 51.90	− 4 25.9	1.774	2.567	15.9	20.8

66577 1999 RD_{153} 10 14.1 300.°19 7.°7/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.23	+26 39.6	1.713	2.481	18.2	18.9
9 18	1 40.70	+27 39.7	1.620	2.468	15.5	18.7
9 28	1 33.34	+28 18.8	1.546	2.455	12.4	18.4
10 8	1 23.78	+28 33.0	1.494	2.443	9.5	18.2
10 18	1 13.08	+28 20.4	1.467	2.430	7.8	18.1
10 28	1 2.64	+27 43.6	1.465	2.418	8.6	18.1
11 7	0 53.86	+26 50.0	1.489	2.405	11.4	18.3
11 17	0 47.75	+25 49.1	1.535	2.393	14.7	18.4

432862 2011 HV_{81} 10 14.1 71.°20 7.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 47.40	− 9 44.9	1.578	2.438	15.4	20.0
9 18	1 41.46	−10 36.6	1.538	2.456	12.1	19.8
9 28	1 33.17	−11 21.7	1.521	2.475	9.1	19.7
10 8	1 23.46	−11 52.5	1.528	2.493	7.5	19.6
10 18	1 13.45	−12 2.8	1.561	2.512	8.6	19.8
10 28	1 4.33	−11 49.4	1.619	2.530	11.2	20.0
11 7	0 57.05	−11 12.9	1.701	2.549	14.2	20.2
11 17	0 52.20	−10 16.0	1.804	2.567	16.8	20.4

396323 2014 DX_{45} 10 14.1 96.°56 6.°4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 39.93	− 4 38.1	1.764	2.631	13.7	20.7
9 18	1 35.77	− 6 29.2	1.714	2.641	10.5	20.5
9 28	1 29.60	− 8 21.1	1.689	2.651	7.6	20.4
10 8	1 22.13	−10 4.5	1.690	2.660	6.4	20.4
10 18	1 14.25	−11 30.1	1.718	2.670	7.9	20.5
10 28	1 6.97	−12 31.3	1.773	2.680	10.7	20.7
11 7	1 1.12	−13 5.2	1.851	2.689	13.6	20.9
11 17	0 57.28	−13 12.2	1.949	2.698	16.2	21.1

147697 2005 GA_{38} 10 14.1 60.°31 3.°2/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.47	+18 51.4	1.287	2.117	19.9	19.5
9 18	1 39.22	+18 32.9	1.234	2.135	15.8	19.3
9 28	1 32.12	+17 49.2	1.199	2.153	10.9	19.0
10 8	1 23.15	+16 42.9	1.187	2.172	5.9	18.8
10 18	1 13.63	+15 20.8	1.199	2.191	3.3	18.7
10 28	1 5.03	+13 53.2	1.238	2.210	7.0	19.0
11 7	0 58.55	+12 31.5	1.301	2.230	11.6	19.3
11 17	0 54.86	+11 24.1	1.386	2.249	15.7	19.6

47904 2000 GW_{56} 10 14.1 314.°65 0.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 38.60	+ 7 55.1	2.077	2.920	12.9	18.7
9 18	1 34.77	+ 7 30.9	1.987	2.904	9.8	18.4
9 28	1 29.04	+ 6 57.0	1.921	2.889	6.2	18.2
10 8	1 21.98	+ 6 16.7	1.880	2.875	2.3	17.9
10 18	1 14.30	+ 5 34.5	1.868	2.860	2.1	17.9
10 28	1 6.93	+ 4 55.8	1.883	2.846	6.0	18.1
11 7	1 0.70	+ 4 25.4	1.926	2.833	9.8	18.3
11 17	0 56.26	+ 4 7.0	1.992	2.819	13.1	18.5

429108 2009 SY_{145} 10 14.1 70.°94 1.°0/13.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 45.99	+ 7 57.2	1.389	2.241	17.5	21.8
9 18	1 40.81	+ 7 32.7	1.337	2.259	13.2	21.6
9 28	1 32.99	+ 6 56.0	1.306	2.277	8.3	21.3
10 8	1 23.46	+ 6 12.0	1.300	2.294	3.1	21.1
10 18	1 13.44	+ 5 27.4	1.319	2.312	2.6	21.1
10 28	1 4.31	+ 4 49.4	1.365	2.330	7.6	21.5
11 7	0 57.15	+ 4 23.9	1.436	2.348	12.2	21.8
11 17	0 52.64	+ 4 14.3	1.529	2.366	15.9	22.1

126854 2002 ES_{74} 10 14.1 138.°05 0.°7/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 44.34	+12 27.9	2.210	3.024	13.2	20.8
9 18	1 38.79	+12 9.0	2.139	3.037	10.1	20.6
9 28	1 31.41	+11 38.4	2.091	3.050	6.6	20.4
10 8	1 22.82	+10 58.6	2.070	3.061	2.8	20.2
10 18	1 13.82	+10 13.4	2.078	3.072	1.5	20.1
10 28	1 5.31	+ 9 27.9	2.116	3.083	5.2	20.4
11 7	0 58.08	+ 8 47.2	2.183	3.093	8.7	20.6
11 17	0 52.70	+ 8 15.2	2.275	3.102	11.7	20.9

115864 2003 US_{274} 10 14.1 228.°23 0.°6/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 45.85	+ 8 35.9	1.606	2.448	16.0	20.4
9 18	1 40.78	+ 8 17.3	1.526	2.442	12.3	20.2
9 28	1 33.13	+ 7 46.4	1.467	2.435	7.9	19.9
10 8	1 23.61	+ 7 6.9	1.434	2.428	3.0	19.6
10 18	1 13.29	+ 6 24.0	1.427	2.421	2.3	19.6
10 28	1 3.45	+ 5 44.5	1.448	2.413	7.3	19.8
11 7	0 55.28	+ 5 14.8	1.495	2.405	11.9	20.1
11 17	0 49.60	+ 4 59.3	1.565	2.397	15.9	20.3

381736 2009 RS_{53} 10 14.1 346.°56 0.°8/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 45.41	+ 5 51.0	1.206	2.073	18.7	19.7
9 18	1 41.16	+ 6 10.2	1.136	2.065	14.4	19.5
9 28	1 33.72	+ 6 21.0	1.086	2.059	9.2	19.2
10 8	1 23.92	+ 6 26.3	1.058	2.053	3.5	18.8
10 18	1 13.08	+ 6 30.0	1.055	2.049	2.7	18.8
10 28	1 2.89	+ 6 37.5	1.076	2.045	8.5	19.1
11 7	0 54.83	+ 6 53.6	1.121	2.043	13.8	19.4
11 17	0 49.87	+ 7 21.3	1.186	2.041	18.3	19.7

378214 Sauron 10 14.1 249.°41 0.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.62	+12 18.3	2.043	2.862	13.9	22.3
9 18	1 39.52	+11 52.7	1.939	2.841	10.8	22.1
9 28	1 32.22	+11 12.9	1.857	2.818	7.1	21.8
10 8	1 23.27	+10 21.4	1.802	2.795	3.0	21.5
10 18	1 13.49	+ 9 22.1	1.776	2.770	1.6	21.4
10 28	1 3.95	+ 8 21.4	1.779	2.745	6.0	21.6
11 7	0 55.64	+ 7 25.9	1.810	2.719	10.2	21.8
11 17	0 49.35	+ 6 41.4	1.866	2.692	13.9	22.0

309303 2007 RV_{246} 10 14.1 23.°46 9.°5/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 50.37	+25 18.9	1.341	2.130	21.4	19.3
9 18	1 45.05	+27 13.6	1.281	2.140	18.1	19.1
9 28	1 36.28	+28 45.5	1.238	2.152	14.5	18.9
10 8	1 24.93	+29 47.9	1.217	2.164	11.2	18.8
10 18	1 12.46	+30 17.0	1.219	2.178	9.5	18.7
10 28	1 0.70	+30 15.2	1.245	2.193	10.4	18.8
11 7	0 51.28	+29 50.9	1.295	2.208	13.0	19.0
11 17	0 45.26	+29 15.1	1.366	2.225	16.1	19.3

159245 2005 YL_{49} 10 14.1 196.°87 0.°7/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 39.16	+ 8 1.0	2.666	3.495	10.8	21.3
9 18	1 34.68	+ 7 28.0	2.583	3.493	8.1	21.1
9 28	1 28.74	+ 6 47.1	2.524	3.490	5.1	21.0
10 8	1 21.81	+ 6 1.4	2.493	3.487	1.9	20.7
10 18	1 14.49	+ 5 14.6	2.492	3.484	1.7	20.7
10 28	1 7.47	+ 4 31.1	2.521	3.481	5.0	20.9
11 7	1 1.38	+ 3 54.8	2.578	3.477	8.0	21.1
11 17	0 56.72	+ 3 28.6	2.661	3.473	10.6	21.3

455458 2003 SB_{400} 10 14.1 30.°20 7.°3/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.68	−12 33.3	1.967	2.820	13.1	21.0
9 18	1 38.39	−13 13.1	1.917	2.828	10.5	20.8
9 28	1 31.17	−13 45.5	1.890	2.835	8.2	20.7
10 8	1 22.73	−14 4.0	1.889	2.844	7.3	20.7
10 18	1 13.95	−14 4.0	1.913	2.852	8.2	20.8
10 28	1 5.78	−13 42.9	1.965	2.861	10.4	20.9
11 7	0 59.05	−13 1.0	2.040	2.871	12.8	21.1
11 17	0 54.30	−12 0.5	2.136	2.880	15.1	21.3

446763 2015 PN_{34} 10 14.1 58.°07 5.°7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 42.12	− 4 7.6	1.652	2.518	14.5	20.6
9 18	1 37.41	− 5 16.4	1.612	2.539	11.0	20.4
9 28	1 30.61	− 6 24.6	1.595	2.560	7.6	20.3
10 8	1 22.51	− 7 24.3	1.602	2.581	5.7	20.2
10 18	1 14.11	− 8 8.7	1.637	2.602	6.9	20.4
10 28	1 6.45	− 8 32.7	1.697	2.623	9.8	20.6
11 7	1 0.40	− 8 34.4	1.782	2.644	12.9	20.8
11 17	0 56.48	− 8 14.9	1.887	2.665	15.6	21.1

10753 van de Velde 10 14.1 320.°24 2.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 40.54	+15 56.6	1.767	2.589	15.6	18.2
9 18	1 36.59	+15 47.4	1.684	2.584	12.3	17.9
9 28	1 30.37	+15 21.1	1.622	2.578	8.4	17.7
10 8	1 22.54	+14 39.4	1.585	2.573	4.3	17.4
10 18	1 14.02	+13 46.0	1.575	2.568	2.3	17.3
10 28	1 5.92	+12 47.5	1.592	2.563	6.0	17.5
11 7	0 59.27	+11 51.3	1.635	2.558	10.1	17.8
11 17	0 54.79	+11 3.9	1.702	2.554	13.8	18.0

212993 2132 P–L 10 14.1 51.°91 4.°2/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 48.75	+17 19.4	1.569	2.381	17.8	19.3
9 18	1 43.10	+18 8.4	1.499	2.388	14.2	19.1
9 28	1 34.65	+18 41.2	1.449	2.395	10.2	18.9
10 8	1 24.21	+18 56.2	1.423	2.403	6.1	18.6
10 18	1 12.97	+18 54.3	1.423	2.410	4.3	18.6
10 28	1 2.33	+18 39.5	1.451	2.418	7.0	18.7
11 7	0 53.58	+18 18.4	1.504	2.426	10.9	19.0
11 17	0 47.54	+17 58.1	1.581	2.434	14.6	19.2

432664 2011 AR_{30} 10 14.1 197.°32 2.°0/15.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 44.58	+15 34.5	1.720	2.539	16.2	22.1
9 18	1 39.69	+15 24.3	1.639	2.537	12.7	21.8
9 28	1 32.36	+14 56.6	1.580	2.535	8.6	21.6
10 8	1 23.31	+14 13.3	1.545	2.533	4.3	21.3
10 18	1 13.54	+13 18.5	1.537	2.531	2.3	21.2
10 28	1 4.26	+12 18.8	1.558	2.528	6.2	21.5
11 7	0 56.57	+11 22.1	1.605	2.524	10.5	21.7
11 17	0 51.23	+10 35.0	1.675	2.521	14.3	21.9

209201 2003 UM_{267} 10 14.1 287.°38 7.°9/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 50.54	−13 17.3	1.803	2.647	14.5	19.8
9 18	1 43.87	−13 45.1	1.739	2.644	11.7	19.6
9 28	1 34.83	−14 4.0	1.698	2.641	9.2	19.5
10 8	1 24.19	−14 6.9	1.682	2.638	7.9	19.4
10 18	1 13.03	−13 48.9	1.693	2.635	8.8	19.4
10 28	1 2.55	−13 7.3	1.731	2.632	11.2	19.6
11 7	0 53.77	−12 3.3	1.793	2.629	14.1	19.8
11 17	0 47.37	−10 40.2	1.877	2.626	16.7	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
156208	2001 UJ_{52}		10 14.1	293.°07	1.°9/12.7	18
	h m	° ′			°	m
9 8	1 42.54	+ 5 44.1	1.545	2.402	15.8	20.1
9 18	1 38.43	+ 5 13.7	1.460	2.385	12.1	19.8
9 28	1 31.74	+ 4 32.2	1.397	2.369	7.7	19.5
10 8	1 23.14	+ 3 44.7	1.358	2.352	3.1	19.2
10 18	1 13.63	+ 2 57.5	1.345	2.336	3.4	19.2
10 28	1 4.51	+ 2 18.2	1.359	2.320	8.2	19.5
11 7	0 56.99	+ 1 52.9	1.398	2.304	12.8	19.7
11 17	0 51.93	+ 1 45.7	1.458	2.288	16.9	19.9
404940	2014 MG_{11}		10 14.1	44.°70	2.°3/11.8	18
9 8	1 38.25	+ 5 0.4	1.940	2.794	13.2	20.8
9 18	1 34.40	+ 4 2.0	1.878	2.802	9.9	20.6
9 28	1 28.71	+ 2 55.3	1.838	2.810	6.2	20.4
10 8	1 21.83	+ 1 46.0	1.826	2.819	2.8	20.2
10 18	1 14.54	+ 0 40.3	1.841	2.827	3.5	20.3
10 28	1 7.74	− 0 15.3	1.884	2.836	7.0	20.6
11 7	1 2.21	− 0 56.0	1.953	2.846	10.5	20.8
11 17	0 58.50	− 1 19.4	2.045	2.855	13.5	21.0
472006	2013 WB_{62}		10 14.1	304.°83	2.°6/12.3	18
9 8	1 42.39	+ 4 42.7	1.381	2.247	16.8	21.3
9 18	1 38.58	+ 4 9.5	1.301	2.231	12.9	21.0
9 28	1 31.96	+ 3 25.4	1.242	2.216	8.2	20.7
10 8	1 23.25	+ 2 36.1	1.206	2.200	3.5	20.4
10 18	1 13.57	+ 1 48.8	1.196	2.186	4.1	20.4
10 28	1 4.35	+ 1 12.0	1.211	2.171	9.1	20.6
11 7	0 56.89	+ 0 52.2	1.250	2.157	13.9	20.8
11 17	0 52.13	+ 0 52.7	1.309	2.143	18.2	21.1
391632	2007 VR_{152}		10 14.1	47.°43	6.°6/ 8.9	18
9 8	1 43.87	− 7 52.1	1.726	2.587	14.2	20.7
9 18	1 38.84	− 8 43.8	1.671	2.592	11.1	20.5
9 28	1 31.61	− 9 32.2	1.639	2.597	8.1	20.3
10 8	1 22.95	−10 9.8	1.632	2.602	6.6	20.2
10 18	1 13.84	−10 30.3	1.651	2.607	7.7	20.3
10 28	1 5.37	−10 29.5	1.696	2.613	10.5	20.5
11 7	0 58.48	−10 6.5	1.766	2.618	13.5	20.7
11 17	0 53.77	− 9 22.8	1.856	2.624	16.2	20.9
43227	2000 AR_{166}		10 14.1	76.°60	4.°9/ 8.1	18
9 8	1 37.21	− 3 44.0	2.266	3.126	11.3	18.3
9 18	1 33.41	− 5 10.6	2.203	3.127	8.6	18.1
9 28	1 28.01	− 6 39.0	2.165	3.128	6.1	17.9
10 8	1 21.56	− 8 2.4	2.155	3.129	4.9	17.9
10 18	1 14.72	− 9 14.4	2.172	3.130	6.0	17.9
10 28	1 8.27	−10 9.4	2.218	3.131	8.5	18.1
11 7	1 2.89	−10 44.3	2.289	3.132	11.1	18.3
11 17	0 59.08	−10 58.3	2.382	3.134	13.5	18.4
133243	Essen		10 14.1	49.°63	4.°0/17.8	18
9 8	1 41.48	+21 5.3	1.701	2.504	17.0	19.6
9 18	1 37.37	+21 1.8	1.626	2.508	13.7	19.4
9 28	1 30.88	+20 36.6	1.571	2.512	9.9	19.2
10 8	1 22.74	+19 50.4	1.540	2.516	6.1	19.0
10 18	1 13.96	+18 46.6	1.534	2.521	4.0	18.9
10 28	1 5.72	+17 32.3	1.556	2.525	6.3	19.1
11 7	0 59.08	+16 16.2	1.604	2.530	10.0	19.3
11 17	0 54.75	+15 6.8	1.675	2.535	13.6	19.5
259702	2003 YL_{34}		10 14.1	356.°66	2.°0/15.3	18
9 8	1 38.39	+13 0.8	0.994	1.868	21.2	20.0
9 18	1 36.29	+13 13.3	0.933	1.863	16.6	19.7
9 28	1 30.83	+13 4.7	0.888	1.858	11.2	19.4
10 8	1 22.88	+12 37.1	0.863	1.856	5.2	19.1
10 18	1 13.85	+11 55.9	0.860	1.855	2.7	18.9
10 28	1 5.57	+11 10.5	0.879	1.855	8.4	19.2
11 7	0 59.61	+10 31.5	0.920	1.857	14.1	19.6
11 17	0 56.92	+10 6.7	0.979	1.861	19.1	19.9
298626	2004 BD_{14}		10 14.1	269.°55	3.°2/16.9	18
9 8	1 42.93	+18 4.3	1.932	2.736	15.2	20.8
9 18	1 38.27	+18 14.8	1.847	2.733	12.1	20.5
9 28	1 31.40	+18 9.2	1.784	2.729	8.6	20.3
10 8	1 22.96	+17 47.7	1.745	2.726	5.0	20.1
10 18	1 13.82	+17 12.6	1.733	2.722	3.2	20.0
10 28	1 5.09	+16 28.8	1.750	2.719	5.8	20.1
11 7	0 57.74	+15 42.8	1.793	2.715	9.5	20.4
11 17	0 52.51	+15 0.9	1.861	2.712	12.9	20.6
324216	2006 BM_{33}		10 14.1	310.°68	5.°9/ 7.1	18
9 8	1 36.60	− 5 25.9	2.067	2.933	12.0	20.2
9 18	1 33.19	− 7 1.6	1.997	2.922	9.3	20.0
9 28	1 28.00	− 8 39.1	1.952	2.912	6.9	19.9
10 8	1 21.60	−10 10.5	1.933	2.902	5.9	19.8
10 18	1 14.70	−11 28.0	1.942	2.892	7.3	19.9
10 28	1 8.15	−12 25.4	1.977	2.882	9.9	20.0
11 7	1 2.74	−12 59.2	2.037	2.873	12.6	20.2
11 17	0 59.04	−13 8.7	2.117	2.864	15.1	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
158094	2000 WX_{90}		10 14.1	23.°35	2.°1/15.7	18
	h m	° ′			°	m
9 8	1 39.87	+15 22.4	1.299	2.146	18.8	18.6
9 18	1 36.58	+15 10.9	1.239	2.153	14.7	18.4
9 28	1 30.55	+14 38.2	1.199	2.162	9.9	18.1
10 8	1 22.64	+13 47.3	1.181	2.171	4.8	17.9
10 18	1 14.07	+12 44.3	1.187	2.181	2.5	17.7
10 28	1 6.24	+11 38.3	1.219	2.192	7.0	18.1
11 7	1 0.34	+10 38.7	1.275	2.204	11.8	18.4
11 17	0 57.10	+ 9 52.8	1.352	2.217	15.9	18.7
473720	2016 AP_3		10 14.1	334.°36	4.°8/ 9.4	18
9 8	1 40.33	− 5 7.5	2.193	3.049	11.8	20.3
9 18	1 35.83	− 5 52.7	2.125	3.046	9.1	20.2
9 28	1 29.59	− 6 37.4	2.082	3.044	6.4	20.0
10 8	1 22.18	− 7 16.2	2.065	3.042	4.8	19.9
10 18	1 14.36	− 7 44.0	2.076	3.039	5.8	20.0
10 28	1 6.94	− 7 56.7	2.114	3.038	8.3	20.1
11 7	1 0.69	− 7 52.3	2.178	3.036	11.1	20.3
11 17	0 56.15	− 7 30.6	2.265	3.034	13.6	20.5
350925	2002 TB_{95}		10 14.1	28.°69	5.°6/18.8	18
9 8	1 40.15	+22 59.1	1.334	2.150	20.1	20.1
9 18	1 36.80	+23 14.8	1.280	2.165	16.4	19.9
9 28	1 30.67	+23 3.5	1.243	2.182	12.2	19.7
10 8	1 22.68	+22 25.4	1.227	2.200	8.0	19.5
10 18	1 14.08	+21 24.3	1.236	2.219	5.6	19.4
10 28	1 6.29	+20 8.9	1.269	2.238	7.4	19.6
11 7	1 0.48	+18 50.0	1.326	2.259	11.1	19.9
11 17	0 57.38	+17 37.6	1.406	2.281	14.8	20.2
403986	2012 BO_{109}		10 14.1	55.°76	7.°7/ 5.7	18
9 8	1 39.16	−12 9.2	2.016	2.876	12.5	20.3
9 18	1 35.01	−13 38.6	1.971	2.885	10.1	20.1
9 28	1 29.06	−15 1.8	1.951	2.893	8.2	20.0
10 8	1 21.97	−16 11.0	1.956	2.902	7.7	20.0
10 18	1 14.53	−16 59.8	1.988	2.911	8.9	20.1
10 28	1 7.61	−17 24.0	2.045	2.921	11.0	20.3
11 7	1 1.99	−17 22.9	2.124	2.930	13.3	20.4
11 17	0 58.16	−16 58.1	2.223	2.940	15.3	20.6
342513	2008 UF_{191}		10 14.1	170.°04	3.°7/11.3	18
9 8	1 47.21	− 1 17.7	1.911	2.758	13.7	21.0
9 18	1 41.25	− 1 41.3	1.841	2.760	10.4	20.8
9 28	1 33.14	− 2 6.6	1.795	2.762	6.8	20.6
10 8	1 23.58	− 2 28.8	1.776	2.763	4.0	20.4
10 18	1 13.50	− 2 43.1	1.785	2.764	4.7	20.5
10 28	1 3.96	− 2 45.3	1.822	2.765	8.0	20.7
11 7	0 55.90	− 2 33.0	1.886	2.766	11.5	20.9
11 17	0 49.96	− 2 5.8	1.973	2.766	14.5	21.1
179764	Myriamsarah		10 14.1	26.°68	4.°9/17.2	18
9 8	1 45.17	+18 19.9	1.210	2.044	20.7	19.5
9 18	1 40.99	+19 3.0	1.150	2.051	16.7	19.3
9 28	1 33.59	+19 24.1	1.108	2.059	12.0	19.0
10 8	1 23.89	+19 21.9	1.086	2.067	7.3	18.8
10 18	1 13.29	+18 58.3	1.089	2.076	5.0	18.7
10 28	1 3.50	+18 20.1	1.116	2.087	7.9	18.9
11 7	0 55.97	+17 36.9	1.166	2.097	12.4	19.2
11 17	0 51.58	+16 58.0	1.237	2.109	16.6	19.5
120705	1997 LH_{14}		10 14.1	181.°23	1.°5/12.8	18
9 8	1 44.18	+ 7 6.9	1.880	2.719	14.2	20.6
9 18	1 39.05	+ 6 22.8	1.805	2.721	10.7	20.4
9 28	1 31.80	+ 5 28.2	1.753	2.721	6.7	20.2
10 8	1 23.08	+ 4 27.7	1.727	2.721	2.6	19.9
10 18	1 13.81	+ 3 27.3	1.730	2.721	2.8	20.0
10 28	1 5.02	+ 2 33.7	1.762	2.720	6.9	20.2
11 7	0 57.67	+ 1 52.5	1.820	2.718	10.8	20.5
11 17	0 52.39	+ 1 27.2	1.902	2.715	14.2	20.7
266088	2006 SB_{27}		10 14.1	4.°42	5.°1/17.6	18
9 8	1 37.92	+19 31.6	1.032	1.884	22.2	19.9
9 18	1 35.91	+19 54.8	0.971	1.883	18.0	19.6
9 28	1 30.57	+19 49.7	0.927	1.883	13.0	19.4
10 8	1 22.78	+19 15.9	0.902	1.884	7.9	19.1
10 18	1 13.98	+18 17.5	0.898	1.888	5.1	19.0
10 28	1 5.96	+17 4.3	0.917	1.892	8.3	19.2
11 7	1 0.25	+15 49.7	0.958	1.898	13.3	19.5
11 17	0 57.78	+14 45.2	1.018	1.906	18.0	19.8
236605	2006 JM_{28}		10 14.1	267.°14	1.°3/12.9	18
9 8	1 41.12	+ 7 54.0	1.810	2.655	14.4	20.6
9 18	1 36.97	+ 7 11.0	1.724	2.643	10.9	20.4
9 28	1 30.61	+ 6 15.7	1.660	2.630	6.9	20.1
10 8	1 22.67	+ 5 12.7	1.622	2.617	2.7	19.8
10 18	1 14.04	+ 4 7.9	1.612	2.604	2.7	19.8
10 28	1 5.78	+ 3 8.8	1.630	2.591	7.1	20.0
11 7	0 58.88	+ 2 21.9	1.674	2.577	11.2	20.3
11 17	0 54.07	+ 1 51.4	1.741	2.564	14.9	20.5

153252 2001 BQ_{26} 10 14.1 175.°47 1.°3/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.31	+ 5 36.7	2.880	3.711	10.0	20.8
9 18	1 34.67	+ 4 59.1	2.801	3.713	7.5	20.6
9 28	1 28.69	+ 4 15.6	2.747	3.715	4.7	20.4
10 8	1 21.82	+ 3 29.3	2.723	3.716	1.9	20.3
10 18	1 14.63	+ 2 44.1	2.728	3.717	2.2	20.3
10 28	1 7.73	+ 2 3.7	2.764	3.717	5.0	20.5
11 7	1 1.70	+ 1 31.5	2.828	3.717	7.7	20.7
11 17	0 57.00	+ 1 9.9	2.918	3.717	10.1	20.8

440873 2006 TB_{29} 10 14.1 1.°42 1.°4/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.62	+ 5 40.5	1.747	2.597	14.6	21.3
9 18	1 38.04	+ 5 27.2	1.675	2.596	11.1	21.1
9 28	1 31.23	+ 5 6.0	1.626	2.596	7.0	20.8
10 8	1 22.89	+ 4 40.5	1.601	2.596	2.7	20.6
10 18	1 13.95	+ 4 15.5	1.604	2.596	2.7	20.6
10 28	1 5.52	+ 3 56.2	1.635	2.597	6.9	20.9
11 7	0 58.56	+ 3 47.0	1.692	2.598	11.0	21.1
11 17	0 53.77	+ 3 50.5	1.771	2.599	14.4	21.3

405337 2003 UL_{327} 10 14.1 11.°01 1.°6/15.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.99	+15 46.1	1.528	2.371	16.7	20.9
9 18	1 32.53	+15 13.6	1.464	2.376	13.0	20.7
9 28	1 27.82	+14 20.9	1.420	2.382	8.7	20.4
10 8	1 21.58	+13 11.9	1.399	2.389	4.1	20.2
10 18	1 14.79	+11 52.9	1.404	2.398	2.0	20.1
10 28	1 8.57	+10 32.9	1.435	2.408	6.2	20.4
11 7	1 3.89	+ 9 20.5	1.492	2.419	10.5	20.7
11 17	1 1.39	+ 8 22.5	1.571	2.432	14.3	20.9

145808 1998 SQ_{83} 10 14.1 36.°51 1.°0/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.13	+11 31.5	1.146	2.005	20.0	19.2
9 18	1 39.97	+11 32.3	1.097	2.020	15.3	19.0
9 28	1 32.75	+11 15.5	1.067	2.035	10.0	18.7
10 8	1 23.50	+10 44.7	1.058	2.052	4.2	18.5
10 18	1 13.63	+10 6.0	1.074	2.069	2.2	18.4
10 28	1 4.73	+ 9 27.5	1.115	2.087	7.7	18.8
11 7	0 58.09	+ 8 57.4	1.179	2.105	12.8	19.1
11 17	0 54.44	+ 8 41.1	1.263	2.125	17.0	19.4

274212 2008 JX 10 14.1 30.°53 1.°6/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.83	+ 7 49.5	1.129	2.004	19.2	20.3
9 18	1 37.44	+ 7 11.1	1.082	2.016	14.5	20.1
9 28	1 31.13	+ 6 17.8	1.054	2.029	9.1	19.9
10 8	1 22.88	+ 5 16.6	1.048	2.043	3.4	19.6
10 18	1 14.04	+ 4 16.5	1.065	2.058	3.3	19.6
10 28	1 6.14	+ 3 26.9	1.108	2.074	8.7	20.0
11 7	1 0.36	+ 2 55.1	1.173	2.091	13.7	20.3
11 17	0 57.42	+ 2 44.1	1.257	2.108	17.8	20.6

3832 Shapiro 10 14.1 352.°99 0.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.40	+ 9 46.6	1.778	2.624	14.5	16.7
9 18	1 34.87	+ 9 29.4	1.701	2.619	11.1	16.4
9 28	1 29.24	+ 9 0.3	1.647	2.615	7.1	16.2
10 8	1 22.14	+ 8 22.7	1.618	2.612	2.8	15.9
10 18	1 14.45	+ 7 41.2	1.615	2.609	1.8	15.8
10 28	1 7.18	+ 7 1.7	1.640	2.608	6.2	16.1
11 7	1 1.28	+ 6 30.1	1.690	2.607	10.3	16.4
11 17	0 57.40	+ 6 10.5	1.764	2.606	13.9	16.6

438570 2007 UM_3 10 14.1 51.°65 6.°7/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.90	+30 11.6	1.572	2.336	19.7	20.0
9 18	1 37.06	+29 55.4	1.512	2.357	16.6	19.8
9 28	1 30.68	+29 7.6	1.469	2.379	12.9	19.7
10 8	1 22.66	+27 48.5	1.448	2.400	9.3	19.5
10 18	1 14.18	+26 2.6	1.452	2.423	6.9	19.4
10 28	1 6.52	+23 59.3	1.483	2.445	7.4	19.5
11 7	1 0.73	+21 51.1	1.539	2.468	10.2	19.8
11 17	0 57.41	+19 49.9	1.621	2.491	13.5	20.0

394533 2007 TC_{431} 10 14.1 136.°33 1.°0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.17	+ 7 1.8	1.953	2.793	13.7	21.3
9 18	1 38.20	+ 6 38.0	1.882	2.797	10.4	21.1
9 28	1 31.21	+ 6 5.3	1.833	2.801	6.5	20.8
10 8	1 22.87	+ 5 27.5	1.811	2.805	2.5	20.6
10 18	1 14.02	+ 4 49.3	1.817	2.809	2.3	20.6
10 28	1 5.66	+ 4 15.9	1.851	2.812	6.3	20.9
11 7	0 58.66	+ 3 52.0	1.913	2.816	10.1	21.1
11 17	0 53.64	+ 3 40.6	1.998	2.819	13.3	21.3

44335 1998 RU_{63} 10 14.1 175.°00 3.°9/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.18	+ 0 13.7	2.137	2.990	12.2	19.1
9 18	1 35.76	− 1 8.5	2.069	2.992	9.2	18.9
9 28	1 29.58	− 2 36.0	2.026	2.994	6.0	18.7
10 8	1 22.22	− 4 2.1	2.010	2.995	4.0	18.6
10 18	1 14.44	− 5 19.7	2.024	2.995	5.1	18.6
10 28	1 7.08	− 6 22.7	2.065	2.996	8.0	18.8
11 7	1 0.91	− 7 6.7	2.133	2.996	11.1	19.0
11 17	0 56.46	− 7 30.3	2.224	2.995	13.8	19.2

520529 2014 MV_{73} 10 14.1 343.°36 3.°1/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.15	+20 32.2	2.016	2.817	14.7	20.5
9 18	1 33.80	+20 10.6	1.930	2.812	11.8	20.3
9 28	1 28.51	+19 29.6	1.865	2.808	8.5	20.1
10 8	1 21.86	+18 30.5	1.824	2.804	5.0	19.9
10 18	1 14.65	+17 17.0	1.811	2.800	3.1	19.7
10 28	1 7.83	+15 55.5	1.826	2.797	5.4	19.9
11 7	1 2.25	+14 33.8	1.868	2.794	8.9	20.1
11 17	0 58.54	+13 19.2	1.935	2.791	12.2	20.3

321010 2008 KF_{33} 10 14.1 62.°85 0.°8/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.17	+ 9 47.5	2.057	2.896	13.1	20.9
9 18	1 34.27	+ 8 51.1	1.992	2.907	9.9	20.8
9 28	1 28.63	+ 7 43.0	1.950	2.918	6.2	20.6
10 8	1 21.84	+ 6 27.9	1.935	2.929	2.3	20.3
10 18	1 14.69	+ 5 11.9	1.948	2.941	2.1	20.3
10 28	1 8.01	+ 4 1.6	1.991	2.952	5.9	20.6
11 7	1 2.55	+ 3 2.6	2.060	2.964	9.4	20.9
11 17	0 58.83	+ 2 18.8	2.154	2.976	12.5	21.1

154618 2003 SZ_{176} 10 14.1 33.°43 2.°5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.32	+ 4 0.9	1.872	2.729	13.5	19.6
9 18	1 34.52	+ 3 10.5	1.814	2.740	10.1	19.4
9 28	1 28.83	+ 2 12.9	1.779	2.751	6.3	19.2
10 8	1 21.93	+ 1 13.8	1.770	2.762	3.0	19.0
10 18	1 14.64	+ 0 19.2	1.788	2.774	3.7	19.1
10 28	1 7.87	− 0 24.8	1.834	2.787	7.2	19.4
11 7	1 2.42	− 0 54.1	1.906	2.800	10.6	19.6
11 17	0 58.83	− 1 6.5	2.000	2.813	13.6	19.8

43171 1999 XF_{172} 10 14.1 221.°56 3.°0/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.02	− 1 2.1	2.745	3.589	10.1	19.0
9 18	1 35.32	− 1 42.0	2.663	3.581	7.6	18.8
9 28	1 29.17	− 2 24.2	2.607	3.573	5.0	18.7
10 8	1 22.05	− 3 4.7	2.579	3.564	3.1	18.5
10 18	1 14.54	− 3 39.6	2.581	3.556	3.9	18.6
10 28	1 7.31	− 4 4.9	2.612	3.547	6.3	18.7
11 7	1 0.98	− 4 18.2	2.670	3.537	9.0	18.9
11 17	0 56.03	− 4 18.1	2.753	3.527	11.3	19.0

255264 2005 VG_{32} 10 14.1 353.°56 2.°0/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.43	+ 4 52.4	1.656	2.516	14.8	20.1
9 18	1 35.75	+ 4 25.4	1.585	2.512	11.2	19.9
9 28	1 29.84	+ 3 50.0	1.536	2.508	7.1	19.6
10 8	1 22.39	+ 3 10.8	1.511	2.505	2.9	19.4
10 18	1 14.33	+ 2 33.8	1.513	2.503	3.3	19.4
10 28	1 6.75	+ 2 5.0	1.542	2.502	7.5	19.7
11 7	1 0.64	+ 1 49.3	1.595	2.501	11.6	19.9
11 17	0 56.68	+ 1 49.2	1.671	2.501	15.1	20.1

452163 2015 RZ_{63} 10 14.1 3.°78 0.°1/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.43	+ 9 57.0	1.712	2.556	15.1	20.5
9 18	1 36.46	+ 9 41.3	1.639	2.556	11.6	20.3
9 28	1 30.27	+ 9 13.4	1.588	2.556	7.4	20.1
10 8	1 22.55	+ 8 36.5	1.562	2.556	2.9	19.8
10 18	1 14.23	+ 7 55.4	1.563	2.558	1.8	19.7
10 28	1 6.40	+ 7 16.4	1.592	2.559	6.4	20.0
11 7	1 0.04	+ 6 45.1	1.646	2.561	10.6	20.3
11 17	0 55.82	+ 6 26.1	1.723	2.564	14.2	20.5

517448 2014 OE_{205} 10 14.1 66.°62 2.°4/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.68	+16 3.5	2.154	2.960	13.8	21.6
9 18	1 37.75	+16 14.4	2.078	2.967	10.8	21.4
9 28	1 30.91	+16 12.1	2.024	2.974	7.5	21.2
10 8	1 22.76	+15 57.6	1.997	2.981	4.1	21.0
10 18	1 14.11	+15 33.1	1.997	2.988	2.4	20.9
10 28	1 5.88	+15 2.7	2.026	2.995	5.1	21.1
11 7	0 58.91	+14 31.6	2.083	3.002	8.5	21.4
11 17	0 53.81	+14 4.5	2.165	3.010	11.6	21.6

69165 3044 P–L 10 14.1 4.°98 7.°8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.35	+24 25.6	1.157	1.975	22.4	18.9
9 18	1 39.25	+25 15.1	1.090	1.974	18.8	18.6
9 28	1 32.75	+25 35.5	1.040	1.974	14.5	18.4
10 8	1 23.69	+25 23.2	1.009	1.975	10.3	18.2
10 18	1 13.50	+24 38.8	0.999	1.977	7.8	18.0
10 28	1 4.02	+23 29.3	1.013	1.980	9.3	18.1
11 7	0 56.87	+22 7.5	1.049	1.983	13.2	18.4
11 17	0 53.07	+20 47.0	1.106	1.988	17.3	18.6

99438 2002 BT_{25} 10 14.1 161.°18 2.°3/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.91	+17 19.2	1.962	2.768	14.9	20.1
9 18	1 38.12	+17 2.9	1.883	2.772	11.8	19.9
9 28	1 31.24	+16 29.6	1.825	2.775	8.1	19.7
10 8	1 22.91	+15 41.0	1.793	2.778	4.3	19.5
10 18	1 14.02	+14 41.0	1.789	2.781	2.4	19.3
10 28	1 5.60	+13 35.7	1.813	2.783	5.5	19.6
11 7	0 58.58	+12 32.2	1.865	2.785	9.3	19.8
11 17	0 53.60	+11 37.0	1.942	2.786	12.7	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
204753	2006 JK_{24}		10 14.1	187.°81	0.°8/14.9	18
	h m	° ′			°	m
9 8	1 41.64	+13 39.9	1.974	2.796	14.2	20.9
9 18	1 37.13	+13 8.3	1.893	2.796	11.0	20.7
9 28	1 30.60	+12 21.7	1.835	2.795	7.3	20.5
10 8	1 22.66	+11 23.0	1.803	2.794	3.1	20.2
10 18	1 14.18	+10 17.2	1.799	2.793	1.6	20.1
10 28	1 6.13	+ 9 10.7	1.824	2.792	5.7	20.4
11 7	0 59.41	+ 8 10.3	1.876	2.790	9.6	20.6
11 17	0 54.65	+ 7 21.4	1.953	2.788	13.0	20.8
291988	2006 QO_{99}		10 14.1	358.°27	1.°8/12.9	18
9 8	1 44.39	+ 3 48.1	1.547	2.404	15.8	19.4
9 18	1 39.68	+ 3 49.2	1.477	2.401	12.0	19.2
9 28	1 32.44	+ 3 44.3	1.428	2.400	7.6	18.9
10 8	1 23.43	+ 3 37.2	1.405	2.399	3.1	18.7
10 18	1 13.72	+ 3 32.1	1.407	2.399	3.1	18.7
10 28	1 4.59	+ 3 33.8	1.437	2.399	7.6	18.9
11 7	0 57.14	+ 3 46.0	1.492	2.400	12.0	19.2
11 17	0 52.14	+ 4 10.6	1.568	2.402	15.7	19.4
111822	2002 DW_2		10 14.1	54.°52	2.°9/12.2	18
9 8	1 46.66	+ 2 12.7	1.437	2.297	16.6	18.5
9 18	1 41.19	+ 1 52.2	1.391	2.317	12.5	18.3
9 28	1 33.21	+ 1 26.4	1.366	2.337	7.9	18.1
10 8	1 23.64	+ 1 0.8	1.365	2.358	3.7	17.9
10 18	1 13.68	+ 0 41.2	1.391	2.379	4.2	18.0
10 28	1 4.60	+ 0 32.8	1.444	2.400	8.3	18.3
11 7	0 57.46	+ 0 38.8	1.521	2.421	12.4	18.6
11 17	0 52.86	+ 1 0.1	1.620	2.443	15.9	18.8
443480	2014 JK_{13}		10 14.1	242.°40	0.°5/14.6	18
9 8	1 39.74	+13 51.0	2.039	2.862	13.8	21.1
9 18	1 35.71	+12 59.1	1.949	2.853	10.7	20.9
9 28	1 29.71	+11 50.6	1.882	2.843	7.0	20.7
10 8	1 22.35	+10 29.1	1.841	2.833	2.9	20.4
10 18	1 14.41	+ 9 0.3	1.829	2.823	1.5	20.3
10 28	1 6.82	+ 7 31.7	1.846	2.813	5.7	20.5
11 7	1 0.46	+ 6 11.0	1.891	2.802	9.7	20.8
11 17	0 55.96	+ 5 4.1	1.960	2.791	13.2	21.0
76013	2000 DX_{27}		10 14.1	15.°92	0.°9/13.4	18
9 8	1 40.63	+ 8 22.7	1.636	2.487	15.4	19.6
9 18	1 36.66	+ 7 50.9	1.567	2.489	11.7	19.4
9 28	1 30.42	+ 7 6.9	1.521	2.491	7.4	19.1
10 8	1 22.63	+ 6 15.4	1.499	2.493	2.8	18.9
10 18	1 14.25	+ 5 22.3	1.503	2.496	2.4	18.8
10 28	1 6.42	+ 4 34.8	1.535	2.500	7.0	19.1
11 7	1 0.12	+ 3 58.8	1.592	2.503	11.2	19.4
11 17	0 56.03	+ 3 38.4	1.672	2.507	14.9	19.6
437387	2013 WM_{40}		10 14.1	320.°67	5.°0/11.1	18
9 8	1 44.90	− 1 32.9	1.312	2.184	17.1	20.3
9 18	1 40.58	− 2 1.8	1.240	2.172	13.2	20.0
9 28	1 33.30	− 2 33.8	1.189	2.160	8.8	19.7
10 8	1 23.85	− 3 1.6	1.160	2.149	5.3	19.5
10 18	1 13.46	− 3 17.8	1.157	2.138	6.3	19.6
10 28	1 3.65	− 3 15.9	1.178	2.128	10.6	19.8
11 7	0 55.77	− 2 52.7	1.223	2.118	15.1	20.0
11 17	0 50.74	− 2 8.2	1.287	2.110	19.1	20.2
202855	2008 TX_{109}		10 14.1	298.°30	1.°9/10.5	18
9 8	1 32.33	− 0 39.8	4.381	5.224	6.6	19.8
9 18	1 29.07	− 1 13.4	4.303	5.221	4.9	19.7
9 28	1 25.01	− 1 48.3	4.252	5.218	3.2	19.6
10 8	1 20.42	− 2 22.2	4.229	5.215	2.0	19.5
10 18	1 15.64	− 2 52.8	4.237	5.212	2.5	19.5
10 28	1 11.01	− 3 17.8	4.275	5.210	4.1	19.6
11 7	1 6.89	− 3 35.6	4.341	5.207	5.8	19.7
11 17	1 3.54	− 3 45.0	4.432	5.204	7.4	19.9
393735	2005 BJ_8		10 14.2	286.°23	3.°1/11.7	18
9 8	1 42.76	+ 2 13.1	1.740	2.596	14.4	20.6
9 18	1 38.18	+ 1 35.4	1.667	2.591	10.9	20.4
9 28	1 31.37	+ 0 51.4	1.617	2.587	7.0	20.1
10 8	1 23.01	+ 0 6.6	1.592	2.583	3.5	19.9
10 18	1 14.02	− 0 32.9	1.594	2.579	4.3	20.0
10 28	1 5.53	− 1 1.1	1.624	2.575	8.1	20.2
11 7	0 58.50	− 1 13.7	1.679	2.571	11.9	20.4
11 17	0 53.64	− 1 8.8	1.756	2.567	15.3	20.6
214037	2004 EZ_{41}		10 14.2	93.°66	3.°0/11.2	18
9 8	1 40.40	+ 2 31.8	1.926	2.780	13.3	20.2
9 18	1 36.14	+ 1 38.2	1.857	2.781	10.0	20.0
9 28	1 29.93	+ 0 38.0	1.811	2.782	6.4	19.8
10 8	1 22.41	− 0 22.9	1.792	2.783	3.3	19.6
10 18	1 14.41	− 1 18.5	1.801	2.784	4.2	19.7
10 28	1 6.87	− 2 2.4	1.837	2.785	7.6	19.9
11 7	1 0.64	− 2 30.6	1.900	2.786	11.1	20.1
11 17	0 56.31	− 2 40.8	1.985	2.786	14.1	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
130312	2000 EX_{107}		10 14.2	236.°38	0.°9/13.0	18
	h m	° ′			°	m
9 8	1 37.72	+ 8 28.3	2.706	3.535	10.6	20.4
9 18	1 33.68	+ 7 37.8	2.614	3.525	8.0	20.2
9 28	1 28.19	+ 6 38.2	2.548	3.514	5.0	20.0
10 8	1 21.72	+ 5 32.9	2.509	3.503	1.9	19.8
10 18	1 14.84	+ 4 26.3	2.501	3.492	1.9	19.7
10 28	1 8.21	+ 3 23.4	2.523	3.481	5.1	19.9
11 7	1 2.46	+ 2 28.8	2.573	3.469	8.1	20.1
11 17	0 58.08	+ 1 45.9	2.649	3.457	10.8	20.3
359271	2009 FQ_{76}		10 14.2	151.°60	4.°1/10.2	18
9 8	1 42.90	− 2 42.0	2.190	3.039	12.1	21.0
9 18	1 37.74	− 3 26.4	2.125	3.044	9.1	20.9
9 28	1 30.81	− 4 12.1	2.084	3.049	6.2	20.7
10 8	1 22.73	− 4 53.6	2.071	3.053	4.2	20.6
10 18	1 14.24	− 5 26.1	2.086	3.057	5.0	20.6
10 28	1 6.22	− 5 45.2	2.130	3.061	7.8	20.8
11 7	0 59.42	− 5 48.6	2.199	3.065	10.7	21.0
11 17	0 54.38	− 5 35.6	2.292	3.068	13.3	21.2
515979	2015 RN_{185}		10 14.2	2.°19	1.°2/13.1	18
9 8	1 38.98	+ 7 36.2	1.770	2.621	14.4	21.4
9 18	1 35.28	+ 7 0.2	1.699	2.620	10.9	21.2
9 28	1 29.49	+ 6 13.4	1.650	2.620	6.9	21.0
10 8	1 22.27	+ 5 20.2	1.626	2.621	2.6	20.7
10 18	1 14.51	+ 4 26.5	1.629	2.621	2.5	20.7
10 28	1 7.22	+ 3 38.9	1.660	2.622	6.8	21.0
11 7	1 1.32	+ 3 3.0	1.717	2.624	10.8	21.2
11 17	0 57.43	+ 2 42.5	1.796	2.626	14.2	21.5
103931	2000 DN_{65}		10 14.2	32.°47	5.°3/ 9.0	18
9 8	1 37.89	− 0 16.5	1.552	2.426	14.9	19.0
9 18	1 34.55	− 1 56.7	1.500	2.433	11.2	18.8
9 28	1 29.03	− 3 42.6	1.471	2.442	7.5	18.6
10 8	1 22.08	− 5 24.4	1.467	2.450	5.3	18.5
10 18	1 14.66	− 6 52.4	1.489	2.459	6.8	18.6
10 28	1 7.86	− 7 58.2	1.537	2.469	10.2	18.9
11 7	1 2.60	− 8 37.7	1.609	2.479	13.7	19.1
11 17	0 59.47	− 8 50.2	1.701	2.489	16.7	19.3
53105	1999 AT_3		10 14.2	341.°68	5.°2/ 9.5	18
9 8	1 41.64	− 3 56.9	1.828	2.690	13.5	18.5
9 18	1 37.18	− 4 51.8	1.764	2.689	10.4	18.3
9 28	1 30.64	− 5 47.5	1.722	2.687	7.2	18.2
10 8	1 22.70	− 6 37.3	1.706	2.686	5.3	18.0
10 18	1 14.26	− 7 14.7	1.717	2.685	6.4	18.1
10 28	1 6.32	− 7 34.6	1.755	2.684	9.3	18.3
11 7	0 59.78	− 7 34.1	1.818	2.683	12.6	18.5
11 17	0 55.27	− 7 13.5	1.901	2.682	15.4	18.7
92303	2000 FP_{15}		10 14.2	136.°73	0.°8/14.7	18
9 8	1 48.46	+11 31.9	1.435	2.272	17.9	19.6
9 18	1 42.95	+11 24.8	1.368	2.279	13.8	19.4
9 28	1 34.61	+11 2.1	1.322	2.286	9.0	19.1
10 8	1 24.31	+10 26.9	1.300	2.293	3.7	18.8
10 18	1 13.27	+ 9 44.2	1.304	2.299	2.0	18.7
10 28	1 2.96	+ 9 1.3	1.336	2.304	7.2	19.1
11 7	0 54.63	+ 8 25.6	1.392	2.310	12.0	19.4
11 17	0 49.08	+ 8 2.5	1.471	2.314	16.1	19.6
126930	2002 EA_{143}		10 14.2	249.°68	0.°9/13.2	18
9 8	1 39.87	+ 7 44.4	2.280	3.116	12.1	20.9
9 18	1 35.56	+ 7 11.1	2.194	3.108	9.2	20.7
9 28	1 29.51	+ 6 28.8	2.132	3.100	5.8	20.5
10 8	1 22.27	+ 5 40.9	2.098	3.092	2.2	20.2
10 18	1 14.52	+ 4 51.8	2.092	3.084	2.1	20.2
10 28	1 7.09	+ 4 6.7	2.115	3.075	5.7	20.4
11 7	1 0.74	+ 3 30.2	2.165	3.067	9.2	20.6
11 17	0 56.04	+ 3 5.7	2.241	3.058	12.2	20.8
404032	2012 CR_{44}		10 14.2	211.°73	2.°3/16.5	18
9 8	1 41.75	+16 37.2	2.350	3.150	12.9	21.0
9 18	1 37.00	+16 40.8	2.263	3.148	10.2	20.8
9 28	1 30.44	+16 31.4	2.199	3.146	7.1	20.6
10 8	1 22.63	+16 10.0	2.161	3.144	3.9	20.4
10 18	1 14.30	+15 38.8	2.151	3.142	2.3	20.3
10 28	1 6.29	+15 1.9	2.171	3.140	4.9	20.5
11 7	0 59.40	+14 24.2	2.219	3.137	8.1	20.7
11 17	0 54.23	+13 50.4	2.293	3.135	11.1	20.9
46807	1998 KT_{45}		10 14.2	46.°27	3.°2/12.3	18
9 8	1 47.50	+ 3 12.6	1.078	1.953	19.8	18.2
9 18	1 42.30	+ 2 43.9	1.046	1.979	14.8	18.0
9 28	1 34.06	+ 2 7.4	1.032	2.007	9.3	17.8
10 8	1 23.98	+ 1 30.7	1.041	2.035	4.2	17.6
10 18	1 13.59	+ 1 1.5	1.075	2.064	4.7	17.7
10 28	1 4.46	+ 0 46.6	1.133	2.093	9.5	18.1
11 7	0 57.77	+ 0 49.5	1.213	2.122	14.1	18.5
11 17	0 54.10	+ 1 10.8	1.314	2.152	17.9	18.8

327644 2006 QJ_{12} 10 14.2 6.°37 6.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.87	− 1 48.6	1.099	1.988	18.5	19.6
9 18	1 37.69	− 2 56.7	1.047	1.988	14.1	19.4
9 28	1 31.45	− 4 9.3	1.015	1.988	9.6	19.2
10 8	1 23.12	− 5 15.5	1.004	1.990	6.6	19.0
10 18	1 14.04	− 6 4.5	1.016	1.992	8.1	19.1
10 28	1 5.80	− 6 27.7	1.052	1.996	12.2	19.3
11 7	0 59.71	− 6 21.7	1.108	2.000	16.6	19.6
11 17	0 56.55	− 5 47.7	1.182	2.006	20.5	19.9

123738 2001 AZ_{14} 10 14.2 146.°16 6.°1/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.67	− 7 5.8	2.091	2.946	12.3	19.5
9 18	1 36.88	− 8 34.7	2.036	2.954	9.6	19.3
9 28	1 30.29	−10 2.2	2.007	2.962	7.1	19.2
10 8	1 22.54	−11 20.7	2.005	2.969	6.1	19.2
10 18	1 14.40	−12 23.5	2.031	2.976	7.3	19.2
10 28	1 6.78	−13 5.3	2.083	2.982	9.7	19.4
11 7	1 0.41	−13 24.1	2.160	2.988	12.3	19.6
11 17	0 55.85	−13 20.3	2.258	2.993	14.6	19.8

330587 2008 CU_{144} 10 14.2 131.°81 2.°6/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.78	+17 47.4	1.841	2.642	15.9	21.7
9 18	1 41.11	+17 38.5	1.771	2.657	12.6	21.5
9 28	1 33.16	+17 11.7	1.723	2.670	8.7	21.3
10 8	1 23.69	+16 28.5	1.699	2.683	4.7	21.1
10 18	1 13.70	+15 32.9	1.704	2.695	2.7	21.0
10 28	1 4.32	+14 31.1	1.738	2.707	5.8	21.2
11 7	0 56.55	+13 30.8	1.799	2.718	9.6	21.5
11 17	0 51.05	+12 38.3	1.885	2.728	13.1	21.7

145057 2005 GM_{13} 10 14.2 72.°50 5.°1/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.43	− 1 59.0	1.783	2.647	13.7	19.6
9 18	1 36.12	− 3 27.9	1.737	2.664	10.3	19.4
9 28	1 29.86	− 4 59.1	1.715	2.682	7.0	19.2
10 8	1 22.37	− 6 24.4	1.719	2.700	5.2	19.2
10 18	1 14.55	− 7 35.9	1.751	2.717	6.4	19.3
10 28	1 7.36	− 8 27.4	1.810	2.735	9.4	19.5
11 7	1 1.60	− 8 56.0	1.893	2.752	12.4	19.7
11 17	0 57.82	− 9 1.5	1.997	2.770	15.1	20.0

409372 2005 BX_{11} 10 14.2 312.°30 5.°2/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.21	− 5 36.2	2.182	3.040	11.8	21.2
9 18	1 35.07	− 6 33.7	2.112	3.034	9.1	21.0
9 28	1 29.20	− 7 30.9	2.067	3.028	6.5	20.9
10 8	1 22.15	− 8 22.0	2.048	3.022	5.2	20.8
10 18	1 14.65	− 9 1.2	2.057	3.016	6.2	20.8
10 28	1 7.53	− 9 24.0	2.092	3.010	8.7	21.0
11 7	1 1.54	− 9 28.0	2.153	3.004	11.5	21.2
11 17	0 57.24	− 9 12.9	2.236	2.999	14.0	21.3

168997 2001 DP_{19} 10 14.2 103.°27 0.°6/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.87	+10 36.7	2.065	2.882	13.9	20.1
9 18	1 41.55	+10 39.3	2.002	2.903	10.6	19.9
9 28	1 33.25	+10 31.9	1.963	2.923	6.9	19.7
10 8	1 23.69	+10 16.5	1.951	2.944	2.8	19.5
10 18	1 13.73	+ 9 56.3	1.969	2.963	1.5	19.4
10 28	1 4.38	+ 9 35.5	2.016	2.982	5.4	19.7
11 7	0 56.48	+ 9 18.3	2.092	3.001	9.0	20.0
11 17	0 50.60	+ 9 8.3	2.192	3.019	12.1	20.2

195522 2002 JW_{16} 10 14.2 248.°87 1.°0/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.02	+ 6 15.0	1.770	2.611	14.8	20.4
9 18	1 40.71	+ 6 9.9	1.691	2.607	11.3	20.1
9 28	1 33.04	+ 5 56.8	1.635	2.603	7.2	19.9
10 8	1 23.71	+ 5 38.8	1.604	2.598	2.8	19.6
10 18	1 13.68	+ 5 20.0	1.601	2.594	2.4	19.6
10 28	1 4.11	+ 5 5.4	1.627	2.590	6.8	19.8
11 7	0 56.06	+ 4 59.3	1.679	2.585	11.0	20.1
11 17	0 50.28	+ 5 4.7	1.754	2.581	14.6	20.3

79109 1981 EN_{39} 10 14.2 99.°18 0.°4/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.76	+10 3.6	1.959	2.794	13.8	19.8
9 18	1 36.41	+ 9 27.1	1.887	2.800	10.5	19.6
9 28	1 30.11	+ 8 38.8	1.839	2.806	6.7	19.4
10 8	1 22.51	+ 7 42.4	1.817	2.811	2.5	19.1
10 18	1 14.44	+ 6 43.2	1.823	2.816	1.8	19.1
10 28	1 6.85	+ 5 47.5	1.857	2.822	6.0	19.4
11 7	1 0.57	+ 5 1.1	1.919	2.827	9.8	19.6
11 17	0 56.20	+ 4 27.9	2.004	2.832	13.0	19.8

6332 Vorarlberg 10 14.2 80.°74 0.°7/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.23	+ 8 51.0	1.551	2.396	16.4	16.9
9 18	1 40.09	+ 8 23.1	1.496	2.413	12.4	16.7
9 28	1 32.55	+ 7 42.8	1.462	2.430	7.8	16.5
10 8	1 23.46	+ 6 54.9	1.453	2.447	2.9	16.3
10 18	1 13.89	+ 6 5.3	1.471	2.464	2.3	16.3
10 28	1 5.09	+ 5 21.2	1.516	2.481	7.0	16.6
11 7	0 58.06	+ 4 48.4	1.587	2.498	11.3	16.9
11 17	0 53.44	+ 4 30.5	1.681	2.514	14.9	17.2

177312 2003 YC_{32} 10 14.2 169.°44 3.°7/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.59	+18 46.9	1.647	2.453	17.3	20.3
9 18	1 41.44	+19 0.6	1.569	2.455	13.9	20.1
9 28	1 33.65	+18 55.2	1.512	2.457	9.9	19.9
10 8	1 23.98	+18 30.4	1.478	2.458	5.8	19.7
10 18	1 13.52	+17 48.9	1.471	2.459	3.8	19.5
10 28	1 3.60	+16 56.8	1.491	2.460	6.6	19.7
11 7	0 55.41	+16 2.0	1.537	2.460	10.6	20.0
11 17	0 49.76	+15 12.5	1.607	2.460	14.4	20.2

475813 2006 YH_{52} 10 14.2 312.°09 4.°5/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.69	+18 56.2	1.422	2.243	18.8	21.6
9 18	1 39.77	+19 22.7	1.339	2.233	15.3	21.3
9 28	1 32.90	+19 28.6	1.275	2.223	11.1	21.1
10 8	1 23.79	+19 12.7	1.233	2.213	6.8	20.8
10 18	1 13.60	+18 36.6	1.216	2.204	4.5	20.6
10 28	1 3.85	+17 46.5	1.224	2.195	7.4	20.8
11 7	0 55.94	+16 51.6	1.257	2.186	11.9	21.0
11 17	0 50.87	+16 1.0	1.311	2.178	16.2	21.3

328625 2009 SJ_{154} 10 14.2 77.°52 0.°4/14.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.71	+11 12.8	1.457	2.295	17.6	21.5
9 18	1 42.03	+10 54.7	1.408	2.320	13.4	21.3
9 28	1 33.78	+10 21.7	1.380	2.345	8.6	21.1
10 8	1 23.92	+ 9 38.0	1.377	2.370	3.4	20.9
10 18	1 13.65	+ 8 49.4	1.400	2.394	1.9	20.9
10 28	1 4.30	+ 8 3.2	1.450	2.418	6.9	21.2
11 7	0 56.93	+ 7 26.3	1.527	2.442	11.3	21.6
11 17	0 52.15	+ 7 2.8	1.626	2.466	15.0	21.8

24133 Chunkaikao 10 14.2 235.°29 1.°4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.72	+15 40.2	2.336	3.146	12.7	19.6
9 18	1 34.69	+15 10.8	2.249	3.143	9.9	19.4
9 28	1 28.97	+14 27.3	2.185	3.140	6.7	19.2
10 8	1 22.08	+13 31.8	2.148	3.136	3.2	19.0
10 18	1 14.73	+12 28.3	2.139	3.133	1.6	18.8
10 28	1 7.71	+11 22.1	2.160	3.129	4.8	19.1
11 7	1 1.76	+10 19.3	2.209	3.126	8.2	19.3
11 17	0 57.45	+ 9 24.8	2.283	3.122	11.3	19.5

65224 2002 EJ_{44} 10 14.2 173.°79 1.°2/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 31.63	+ 3 34.3	4.631	5.467	6.4	20.1
9 18	1 28.53	+ 2 54.2	4.552	5.467	4.8	20.0
9 28	1 24.67	+ 2 11.1	4.499	5.467	3.0	19.9
10 8	1 20.34	+ 1 27.3	4.476	5.468	1.4	19.7
10 18	1 15.82	+ 0 45.0	4.483	5.468	1.8	19.8
10 28	1 11.46	+ 0 6.5	4.521	5.468	3.5	19.9
11 7	1 7.56	− 0 26.0	4.589	5.468	5.2	20.0
11 17	1 4.40	− 0 51.2	4.682	5.469	6.8	20.2

403950 2012 BF_{39} 10 14.2 355.°23 4.°2/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.87	+21 25.2	2.051	2.838	15.0	21.4
9 18	1 37.42	+21 40.8	1.967	2.837	12.2	21.2
9 28	1 30.89	+21 39.0	1.904	2.837	9.0	21.0
10 8	1 22.87	+21 19.5	1.866	2.837	5.9	20.8
10 18	1 14.23	+20 44.0	1.854	2.836	4.2	20.7
10 28	1 5.97	+19 56.9	1.870	2.836	5.8	20.8
11 7	0 59.04	+19 4.8	1.914	2.836	8.9	21.0
11 17	0 54.10	+18 14.2	1.982	2.836	12.1	21.2

383509 2007 CC_{20} 10 14.2 309.°36 2.°7/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.93	+ 5 11.8	1.339	2.208	17.1	21.0
9 18	1 37.63	+ 4 29.6	1.257	2.189	13.0	20.7
9 28	1 31.51	+ 3 34.5	1.196	2.170	8.3	20.3
10 8	1 23.25	+ 2 32.6	1.158	2.152	3.6	20.0
10 18	1 13.96	+ 1 32.2	1.145	2.134	4.3	20.0
10 28	1 5.08	+ 0 42.9	1.156	2.117	9.4	20.3
11 7	0 57.97	+ 0 12.1	1.191	2.100	14.4	20.5
11 17	0 53.56	+ 0 3.9	1.246	2.084	18.8	20.7

227170 2005 QQ_{38} 10 14.2 1.°54 3.°9/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.78	+ 3 35.1	1.164	2.047	18.1	19.8
9 18	1 36.02	+ 2 35.9	1.106	2.045	13.6	19.6
9 28	1 30.39	+ 1 25.2	1.068	2.044	8.7	19.3
10 8	1 22.75	+ 0 11.8	1.052	2.044	4.4	19.0
10 18	1 14.34	− 0 53.9	1.059	2.045	5.5	19.1
10 28	1 6.66	− 1 42.0	1.091	2.048	10.3	19.4
11 7	1 0.97	− 2 6.1	1.144	2.051	15.0	19.7
11 17	0 58.04	− 2 4.4	1.217	2.055	19.1	20.0

296821 2009 WX_{10} 10 14.2 184.°11 1.°4/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.91	+ 5 10.9	2.467	3.305	11.2	20.7
9 18	1 35.40	+ 4 43.5	2.390	3.305	8.5	20.5
9 28	1 29.33	+ 4 10.0	2.337	3.305	5.3	20.3
10 8	1 22.21	+ 3 33.7	2.311	3.305	2.2	20.1
10 18	1 14.68	+ 2 58.6	2.315	3.305	2.4	20.1
10 28	1 7.49	+ 2 28.8	2.348	3.304	5.5	20.3
11 7	1 1.31	+ 2 7.7	2.409	3.304	8.6	20.5
11 17	0 56.67	+ 1 57.8	2.494	3.303	11.4	20.7

315117 2007 EL_{53} 10 14.2 121.°50 1.°1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.64	+13 35.4	2.577	3.385	11.7	21.0
9 18	1 36.62	+13 26.7	2.503	3.396	9.1	20.9
9 28	1 30.06	+13 7.5	2.453	3.408	6.0	20.7
10 8	1 22.48	+12 39.8	2.430	3.419	2.8	20.5
10 18	1 14.53	+12 6.1	2.436	3.430	1.4	20.4
10 28	1 6.97	+11 30.6	2.472	3.440	4.4	20.6
11 7	1 0.45	+10 57.3	2.538	3.451	7.5	20.9
11 17	0 55.47	+10 29.8	2.629	3.461	10.2	21.0

73177 2002 HK_{7} 10 14.2 79.°75 5.°0/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.13	− 1 13.0	1.699	2.563	14.3	19.0
9 18	1 36.82	− 2 34.0	1.646	2.574	10.8	18.8
9 28	1 30.41	− 3 58.5	1.617	2.585	7.2	18.6
10 8	1 22.64	− 5 18.6	1.613	2.596	5.0	18.5
10 18	1 14.45	− 6 26.0	1.637	2.607	6.3	18.6
10 28	1 6.89	− 7 14.2	1.687	2.618	9.5	18.9
11 7	1 0.82	− 7 39.8	1.762	2.629	12.8	19.1
11 17	0 56.85	− 7 42.2	1.857	2.640	15.7	19.3

515399 2013 GV_{116} 10 14.2 293.°75 2.°0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.23	+ 8 23.3	1.930	2.778	13.5	21.0
9 18	1 33.87	+ 6 51.1	1.847	2.769	10.2	20.8
9 28	1 28.59	+ 5 3.9	1.788	2.760	6.4	20.6
10 8	1 21.98	+ 3 8.4	1.757	2.751	2.6	20.3
10 18	1 14.82	+ 1 13.0	1.754	2.742	3.4	20.3
10 28	1 8.04	− 0 32.9	1.780	2.733	7.3	20.6
11 7	1 2.48	− 2 1.6	1.833	2.724	11.1	20.8
11 17	0 58.76	− 3 8.4	1.910	2.716	14.4	21.0

44261 1998 QR_{50} 10 14.2 353.°67 0.°6/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.64	+ 8 15.6	1.839	2.686	14.1	18.5
9 18	1 35.77	+ 7 58.0	1.764	2.682	10.8	18.3
9 28	1 29.83	+ 7 30.3	1.711	2.680	6.8	18.0
10 8	1 22.47	+ 6 55.8	1.683	2.677	2.6	17.7
10 18	1 14.53	+ 6 19.2	1.682	2.676	2.0	17.7
10 28	1 7.01	+ 5 46.0	1.709	2.675	6.3	18.0
11 7	1 0.84	+ 5 21.3	1.762	2.674	10.2	18.2
11 17	0 56.65	+ 5 8.8	1.838	2.674	13.7	18.4

523238 2016 YD_{14} 10 14.2 212.°84 0.°5/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.29	+ 9 58.2	2.315	3.147	12.1	21.6
9 18	1 34.32	+ 9 9.5	2.234	3.145	9.2	21.4
9 28	1 28.71	+ 8 9.8	2.177	3.143	5.8	21.2
10 8	1 21.99	+ 7 2.7	2.147	3.141	2.2	21.0
10 18	1 14.84	+ 5 53.4	2.146	3.139	1.8	21.0
10 28	1 8.04	+ 4 47.6	2.175	3.137	5.4	21.2
11 7	1 2.29	+ 3 50.7	2.232	3.135	8.8	21.4
11 17	0 58.14	+ 3 6.6	2.313	3.133	11.8	21.6

432730 2011 DC_{12} 10 14.2 174.°30 0.°5/13.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.31	+ 9 45.1	1.978	2.808	13.9	23.0
9 18	1 39.12	+ 9 6.4	1.901	2.811	10.6	22.8
9 28	1 31.88	+ 8 15.7	1.848	2.813	6.8	22.6
10 8	1 23.24	+ 7 16.7	1.821	2.815	2.5	22.3
10 18	1 14.08	+ 6 15.0	1.823	2.816	2.0	22.3
10 28	1 5.39	+ 5 16.9	1.854	2.816	6.2	22.6
11 7	0 58.06	+ 4 28.4	1.912	2.816	10.0	22.8
11 17	0 52.73	+ 3 53.6	1.995	2.815	13.4	23.0

126887 2002 EM_{99} 10 14.2 155.°21 1.°3/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.81	+14 59.3	1.947	2.763	14.6	20.3
9 18	1 38.06	+14 32.7	1.870	2.768	11.4	20.1
9 28	1 31.23	+13 50.2	1.816	2.772	7.6	19.9
10 8	1 23.00	+12 54.6	1.787	2.777	3.5	19.6
10 18	1 14.23	+11 50.4	1.786	2.780	1.7	19.5
10 28	1 5.95	+10 44.2	1.814	2.784	5.6	19.8
11 7	0 59.06	+ 9 42.8	1.870	2.787	9.5	20.0
11 17	0 54.18	+ 8 52.0	1.950	2.789	12.9	20.2

510051 2010 EJ_{107} 10 14.2 176.°16 0.°9/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.51	+12 47.1	2.413	3.221	12.4	22.6
9 18	1 38.96	+12 34.3	2.329	3.224	9.6	22.4
9 28	1 31.65	+12 10.5	2.269	3.226	6.3	22.2
10 8	1 23.14	+11 37.6	2.237	3.227	2.8	22.0
10 18	1 14.15	+10 58.8	2.234	3.228	1.4	21.9
10 28	1 5.53	+10 18.5	2.261	3.228	4.9	22.1
11 7	0 58.04	+ 9 41.4	2.318	3.227	8.2	22.3
11 17	0 52.27	+ 9 11.4	2.400	3.226	11.2	22.5

174665 2003 SC_{225} 10 14.2 256.°98 1.°2/13.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.47	+ 6 16.4	1.432	2.284	17.1	20.1
9 18	1 42.30	+ 6 9.2	1.361	2.282	13.1	19.8
9 28	1 34.31	+ 5 52.1	1.310	2.280	8.3	19.6
10 8	1 24.28	+ 5 29.1	1.283	2.278	3.2	19.2
10 18	1 13.43	+ 5 5.4	1.283	2.275	2.8	19.2
10 28	1 3.19	+ 4 47.2	1.309	2.273	7.9	19.5
11 7	0 54.84	+ 4 39.8	1.360	2.271	12.7	19.8
11 17	0 49.23	+ 4 46.7	1.433	2.269	16.8	20.1

53534 2000 AM_{233} 10 14.2 180.°94 1.°9/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.68	+ 5 35.0	1.894	2.735	14.0	19.6
9 18	1 39.47	+ 4 53.4	1.819	2.736	10.6	19.4
9 28	1 32.14	+ 4 2.8	1.768	2.737	6.7	19.1
10 8	1 23.36	+ 3 8.0	1.743	2.737	2.8	18.9
10 18	1 14.02	+ 2 14.8	1.747	2.736	3.1	18.9
10 28	1 5.17	+ 1 29.5	1.780	2.735	7.1	19.2
11 7	0 57.73	+ 0 57.2	1.839	2.734	10.9	19.4
11 17	0 52.37	+ 0 40.8	1.921	2.732	14.2	19.6

301396 2009 DO_{31} 10 14.2 58.°09 0.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.19	+11 49.7	1.803	2.637	14.9	20.7
9 18	1 36.92	+11 24.0	1.734	2.644	11.4	20.5
9 28	1 30.53	+10 44.5	1.687	2.651	7.4	20.3
10 8	1 22.73	+ 9 54.6	1.665	2.658	3.0	20.0
10 18	1 14.42	+ 8 59.5	1.671	2.665	1.6	20.0
10 28	1 6.63	+ 8 5.7	1.705	2.673	6.0	20.3
11 7	1 0.28	+ 7 19.5	1.765	2.680	10.0	20.5
11 17	0 56.00	+ 6 45.5	1.849	2.688	13.5	20.8

345014 2005 DT_{1} 10 14.2 294.°85 4.°5/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.86	− 2 23.7	1.691	2.546	14.8	20.7
9 18	1 41.68	− 2 44.7	1.599	2.521	11.4	20.4
9 28	1 33.91	− 3 7.2	1.529	2.496	7.7	20.2
10 8	1 24.17	− 3 25.6	1.485	2.471	4.8	19.9
10 18	1 13.46	− 3 34.0	1.467	2.446	5.6	19.9
10 28	1 3.04	− 3 27.3	1.477	2.421	9.4	20.1
11 7	0 54.13	− 3 2.5	1.512	2.397	13.5	20.3
11 17	0 47.62	− 2 19.2	1.569	2.372	17.2	20.5

481049 2005 GS_{12} 10 14.2 233.°66 1.°3/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.36	+12 40.7	2.257	3.065	13.1	21.8
9 18	1 40.66	+12 49.5	2.160	3.053	10.3	21.6
9 28	1 32.93	+12 47.8	2.086	3.041	6.9	21.3
10 8	1 23.71	+12 36.6	2.039	3.028	3.2	21.1
10 18	1 13.79	+12 18.1	2.021	3.014	1.7	20.9
10 28	1 4.13	+11 56.0	2.033	3.000	5.3	21.2
11 7	0 55.64	+11 34.8	2.074	2.986	8.9	21.4
11 17	0 49.03	+11 18.8	2.140	2.971	12.2	21.5

70705 1999 UK_{40} 10 14.2 65.°59 2.°1/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.01	+18 59.3	1.644	2.461	16.9	19.6
9 18	1 36.18	+18 3.6	1.579	2.475	13.2	19.4
9 28	1 30.10	+16 44.9	1.535	2.489	9.0	19.2
10 8	1 22.56	+15 7.1	1.516	2.503	4.6	19.0
10 18	1 14.56	+13 17.5	1.524	2.517	2.2	18.9
10 28	1 7.22	+11 26.3	1.560	2.531	6.0	19.2
11 7	1 1.48	+ 9 43.6	1.623	2.546	10.2	19.4
11 17	0 57.95	+ 8 17.1	1.710	2.560	13.9	19.7

25270 1998 VR_{27} 10 14.2 240.°08 1.°4/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.95	+15 23.7	2.535	3.342	11.9	17.9
9 18	1 34.78	+15 1.6	2.443	3.334	9.3	17.7
9 28	1 29.01	+14 26.8	2.374	3.327	6.3	17.5
10 8	1 22.13	+13 41.1	2.332	3.320	3.1	17.3
10 18	1 14.79	+12 47.9	2.319	3.312	1.6	17.1
10 28	1 7.72	+11 51.6	2.335	3.304	4.5	17.3
11 7	1 1.64	+10 57.5	2.380	3.296	7.7	17.5
11 17	0 57.07	+10 10.2	2.451	3.288	10.6	17.7

451303 2010 TW_{141} 10 14.2 41.°88 3.°2/17.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.71	+20 9.3	1.902	2.704	15.4	21.3
9 18	1 35.80	+19 56.7	1.829	2.712	12.4	21.1
9 28	1 29.83	+19 24.9	1.777	2.720	8.8	20.9
10 8	1 22.47	+18 35.2	1.749	2.728	5.2	20.7
10 18	1 14.60	+17 31.4	1.748	2.736	3.3	20.6
10 28	1 7.22	+16 20.0	1.775	2.745	5.5	20.8
11 7	1 1.24	+15 8.5	1.829	2.754	9.1	21.0
11 17	0 57.26	+14 3.9	1.907	2.763	12.4	21.2

185396 2006 WX_{79} 10 14.2 73.°24 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.60	+10 20.4	1.981	2.814	13.8	21.0
9 18	1 37.07	+10 1.1	1.908	2.818	10.5	20.8
9 28	1 30.57	+ 9 30.5	1.858	2.823	6.8	20.6
10 8	1 22.75	+ 8 51.8	1.834	2.827	2.7	20.4
10 18	1 14.42	+ 8 9.2	1.837	2.832	1.6	20.3
10 28	1 6.56	+ 7 28.2	1.870	2.836	5.7	20.6
11 7	1 0.00	+ 6 54.0	1.929	2.841	9.5	20.8
11 17	0 55.37	+ 6 30.5	2.013	2.845	12.8	21.0

453526 2009 VT_{55} 10 14.2 50.°38 0.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.73	+ 9 8.3	1.965	2.803	13.7	21.1
9 18	1 36.31	+ 8 45.3	1.905	2.819	10.4	20.9
9 28	1 30.01	+ 8 12.1	1.867	2.834	6.6	20.7
10 8	1 22.50	+ 7 32.5	1.855	2.850	2.5	20.5
10 18	1 14.61	+ 6 50.9	1.872	2.866	1.8	20.5
10 28	1 7.24	+ 6 12.7	1.917	2.882	5.7	20.8
11 7	1 1.21	+ 5 42.6	1.988	2.898	9.4	21.0
11 17	0 57.04	+ 5 23.9	2.084	2.914	12.5	21.3

413759 2006 DZ_{119} 10 14.2 260.°91 1.°1/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.40	+12 26.8	2.416	3.229	12.2	21.2
9 18	1 37.50	+12 29.7	2.322	3.219	9.5	21.0
9 28	1 30.82	+12 22.8	2.251	3.208	6.3	20.8
10 8	1 22.87	+12 7.3	2.206	3.196	2.9	20.5
10 18	1 14.35	+11 45.5	2.191	3.185	1.5	20.4
10 28	1 6.08	+11 21.2	2.206	3.174	4.9	20.6
11 7	0 58.86	+10 58.4	2.249	3.162	8.3	20.8
11 17	0 53.29	+10 41.1	2.317	3.151	11.3	21.0

368940 2006 WW_{107} 10 14.2 9.°98 1.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.68	+ 4 30.7	0.902	1.794	21.3	19.1
9 18	1 39.65	+ 4 55.1	0.854	1.796	16.3	18.8
9 28	1 33.02	+ 5 11.0	0.823	1.800	10.4	18.5
10 8	1 23.86	+ 5 22.2	0.811	1.807	4.0	18.2
10 18	1 13.79	+ 5 33.7	0.821	1.815	3.3	18.2
10 28	1 4.75	+ 5 51.2	0.854	1.826	9.5	18.6
11 7	0 58.30	+ 6 19.1	0.907	1.838	15.1	18.9
11 17	0 55.31	+ 6 59.6	0.978	1.852	19.8	19.3

65848 Enricomari 10 14.2 120.°23 3.°5/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.60	− 3 16.4	2.978	3.819	9.4	21.2
9 18	1 35.51	− 4 16.2	2.927	3.842	7.1	21.1
9 28	1 29.20	− 5 16.2	2.903	3.864	4.9	21.0
10 8	1 22.13	− 6 12.1	2.908	3.885	3.5	20.9
10 18	1 14.86	− 6 59.9	2.943	3.906	4.3	21.0
10 28	1 7.98	− 7 36.1	3.007	3.926	6.3	21.1
11 7	1 2.01	− 7 58.8	3.100	3.945	8.5	21.3
11 17	0 57.34	− 8 7.3	3.216	3.964	10.4	21.5

408383 2013 GG_{100} 10 14.2 69.°43 0.°5/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.96	+ 6 38.6	2.164	2.993	12.9	20.8
9 18	1 40.02	+ 6 42.5	2.106	3.015	9.8	20.7
9 28	1 32.26	+ 6 39.8	2.071	3.036	6.2	20.5
10 8	1 23.36	+ 6 33.1	2.064	3.058	2.3	20.3
10 18	1 14.12	+ 6 25.3	2.086	3.079	1.8	20.3
10 28	1 5.45	+ 6 19.7	2.138	3.100	5.5	20.6
11 7	0 58.12	+ 6 19.5	2.217	3.122	8.8	20.8
11 17	0 52.64	+ 6 27.0	2.322	3.143	11.7	21.0

376094 2010 VB_{166} 10 14.2 19.°85 3.°0/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.55	+ 3 39.8	1.200	2.072	18.4	20.8
9 18	1 40.37	+ 3 10.3	1.142	2.075	14.0	20.6
9 28	1 33.16	+ 2 31.5	1.104	2.078	8.9	20.3
10 8	1 23.87	+ 1 50.2	1.088	2.081	4.0	20.0
10 18	1 13.80	+ 1 14.0	1.096	2.085	4.5	20.1
10 28	1 4.55	+ 0 50.9	1.130	2.090	9.5	20.4
11 7	0 57.41	+ 0 45.9	1.186	2.095	14.3	20.7
11 17	0 53.20	+ 1 1.0	1.261	2.101	18.5	21.0

446266 2013 KV 10 14.2 156.°80 3.°0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.46	− 1 10.4	2.605	3.446	10.6	21.2
9 18	1 37.19	− 1 40.7	2.535	3.451	8.0	21.1
9 28	1 30.42	− 2 12.7	2.491	3.456	5.3	20.9
10 8	1 22.66	− 2 42.3	2.475	3.461	3.2	20.8
10 18	1 14.55	− 3 6.0	2.488	3.465	3.8	20.8
10 28	1 6.83	− 3 20.2	2.531	3.469	6.3	21.0
11 7	1 0.12	− 3 22.7	2.601	3.472	9.0	21.2
11 17	0 54.92	− 3 12.7	2.696	3.475	11.4	21.4

265282 2004 FB_{94} 10 14.2 211.°06 1.°6/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.08	+ 5 50.8	1.814	2.654	14.5	21.2
9 18	1 40.73	+ 5 25.1	1.734	2.650	11.1	21.0
9 28	1 33.08	+ 4 50.5	1.676	2.644	7.0	20.8
10 8	1 23.80	+ 4 11.0	1.645	2.639	2.8	20.5
10 18	1 13.84	+ 3 31.9	1.641	2.632	2.8	20.5
10 28	1 4.33	+ 2 59.2	1.667	2.626	7.1	20.7
11 7	0 56.30	+ 2 37.7	1.718	2.619	11.2	21.0
11 17	0 50.47	+ 2 30.7	1.793	2.611	14.8	21.2

439814 2015 KB_{25} 10 14.2 37.°29 9.°4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.90	−12 10.2	1.385	2.255	16.5	19.7
9 18	1 40.05	−13 17.1	1.346	2.266	13.3	19.5
9 28	1 32.62	−14 14.5	1.328	2.278	10.5	19.4
10 8	1 23.56	−14 52.9	1.333	2.290	9.4	19.3
10 18	1 14.09	−15 5.0	1.362	2.303	10.6	19.5
10 28	1 5.52	−14 47.3	1.414	2.317	13.2	19.6
11 7	0 58.90	−14 1.0	1.488	2.331	16.1	19.9
11 17	0 54.86	−12 50.5	1.581	2.345	18.8	20.1

393717 2004 UX_8 10 14.2 350.°05 12.°9/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.25	+40 0.1	1.009	1.771	28.6	19.7
9 18	1 35.49	+40 13.2	0.939	1.767	25.6	19.5
9 28	1 30.81	+39 32.4	0.880	1.763	21.9	19.2
10 8	1 23.16	+37 48.2	0.834	1.761	17.8	19.0
10 18	1 14.26	+34 58.3	0.807	1.759	14.2	18.8
10 28	1 6.32	+31 14.2	0.801	1.758	12.9	18.7
11 7	1 1.18	+27 1.7	0.817	1.758	14.9	18.8
11 17	0 59.81	+22 50.9	0.855	1.758	18.9	19.1

302780 2002 WW_{28} 10 14.2 336.°30 3.°7/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.60	+ 0 1.5	1.818	2.675	13.8	20.2
9 18	1 37.98	− 0 36.4	1.749	2.673	10.5	20.0
9 28	1 31.25	− 1 18.2	1.702	2.671	6.8	19.8
10 8	1 23.07	− 1 58.2	1.681	2.670	3.9	19.6
10 18	1 14.34	− 2 30.8	1.688	2.668	4.8	19.7
10 28	1 6.10	− 2 50.5	1.722	2.667	8.2	19.9
11 7	0 59.27	− 2 54.0	1.781	2.666	11.8	20.1
11 17	0 54.51	− 2 40.3	1.863	2.665	14.9	20.3

478987 2012 XR_{120} 10 14.2 353.°16 4.°8/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 33.90	− 1 5.8	0.843	1.755	20.2	18.2
9 18	1 33.31	− 0 56.4	0.783	1.737	15.6	17.8
9 28	1 29.25	− 0 47.8	0.741	1.722	10.3	17.5
10 8	1 22.54	− 0 32.7	0.717	1.710	5.5	17.2
10 18	1 14.63	− 0 4.5	0.713	1.702	6.2	17.2
10 28	1 7.42	+ 0 42.3	0.728	1.697	11.5	17.5
11 7	1 2.57	+ 1 49.2	0.763	1.695	17.0	17.8
11 17	1 1.12	+ 3 14.4	0.814	1.698	21.8	18.1

35873 1999 JO_{72} 10 14.2 116.°49 2.°1/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.23	+ 6 35.5	1.572	2.419	16.1	19.9
9 18	1 40.86	+ 5 40.5	1.515	2.435	12.1	19.7
9 28	1 33.08	+ 4 34.3	1.481	2.451	7.6	19.4
10 8	1 23.76	+ 3 23.2	1.472	2.466	3.1	19.2
10 18	1 13.97	+ 2 15.0	1.491	2.481	3.4	19.3
10 28	1 4.95	+ 1 17.5	1.538	2.495	7.8	19.6
11 7	0 57.68	+ 0 36.4	1.610	2.508	12.0	19.9
11 17	0 52.82	+ 0 14.7	1.704	2.521	15.5	20.1

469197 2016 GF_{182} 10 14.2 111.°32 5.°5/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.52	− 1 10.6	1.412	2.277	16.6	21.2
9 18	1 41.26	− 2 29.0	1.363	2.291	12.5	21.0
9 28	1 33.42	− 3 51.4	1.336	2.305	8.4	20.8
10 8	1 23.90	− 5 8.3	1.334	2.318	5.6	20.7
10 18	1 13.90	− 6 10.4	1.358	2.331	6.9	20.8
10 28	1 4.76	− 6 50.3	1.409	2.344	10.6	21.1
11 7	0 57.55	− 7 4.9	1.482	2.356	14.4	21.3
11 17	0 52.92	− 6 54.5	1.576	2.368	17.6	21.6

315766 2008 FU_{69} 10 14.2 38.°86 1.°7/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.86	+ 4 1.3	1.889	2.735	13.8	20.0
9 18	1 38.79	+ 3 53.8	1.824	2.743	10.4	19.8
9 28	1 31.69	+ 3 40.7	1.782	2.752	6.6	19.6
10 8	1 23.22	+ 3 25.6	1.767	2.761	2.7	19.3
10 18	1 14.29	+ 3 12.5	1.779	2.770	2.8	19.4
10 28	1 5.90	+ 3 5.5	1.820	2.779	6.6	19.6
11 7	0 58.92	+ 3 7.8	1.887	2.789	10.3	19.9
11 17	0 53.97	+ 3 21.4	1.978	2.799	13.4	20.1

89922 2002 EV_{45} 10 14.2 355.°14 0.°8/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 33.61	+13 30.8	4.114	4.917	7.8	20.2
9 18	1 30.17	+13 17.5	4.025	4.916	6.0	20.1
9 28	1 25.82	+12 57.5	3.962	4.916	4.0	19.9
10 8	1 20.88	+12 32.0	3.927	4.915	1.9	19.8
10 18	1 15.71	+12 3.0	3.921	4.915	0.9	19.7
10 28	1 10.70	+11 32.7	3.947	4.915	2.9	19.8
11 7	1 6.24	+11 3.6	4.002	4.915	5.0	20.0
11 17	1 2.65	+10 38.0	4.084	4.914	6.9	20.1

178329 1995 SO_{36} 10 14.2 254.°40 0.°7/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.65	+14 31.8	2.110	2.931	13.5	20.1
9 18	1 34.84	+13 43.2	2.025	2.926	10.5	19.9
9 28	1 29.19	+12 38.6	1.962	2.922	6.9	19.7
10 8	1 22.27	+11 21.4	1.926	2.918	3.0	19.5
10 18	1 14.85	+ 9 56.9	1.919	2.913	1.4	19.3
10 28	1 7.80	+ 8 32.3	1.940	2.909	5.4	19.6
11 7	1 1.92	+ 7 14.5	1.990	2.904	9.1	19.8
11 17	0 57.81	+ 6 9.3	2.064	2.899	12.4	20.0

309538 2007 YU_{20} 10 14.2 113.°08 3.°0/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.27	+ 2 8.1	1.944	2.797	13.2	20.5
9 18	1 36.83	+ 1 19.8	1.876	2.799	9.9	20.3
9 28	1 30.44	+ 0 25.6	1.831	2.801	6.4	20.1
10 8	1 22.75	− 0 28.8	1.812	2.803	3.3	20.0
10 18	1 14.58	− 1 17.7	1.822	2.805	4.1	20.0
10 28	1 6.87	− 1 55.4	1.859	2.807	7.5	20.2
11 7	1 0.48	− 2 17.7	1.922	2.808	11.0	20.4
11 17	0 55.98	− 2 22.9	2.009	2.810	14.0	20.7

192343 1995 SU_{14} 10 14.2 300.°70 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 32.75	+10 5.9	4.342	5.158	7.2	20.2
9 18	1 29.48	+ 9 44.8	4.252	5.154	5.4	20.0
9 28	1 25.37	+ 9 18.4	4.188	5.149	3.5	19.9
10 8	1 20.71	+ 8 48.4	4.152	5.145	1.4	19.7
10 18	1 15.83	+ 8 16.5	4.146	5.141	0.8	19.7
10 28	1 11.10	+ 7 45.1	4.172	5.136	2.9	19.9
11 7	1 6.88	+ 7 16.6	4.226	5.132	5.0	20.0
11 17	1 3.45	+ 6 52.8	4.308	5.128	6.7	20.1

99772 2002 JL_{110} 10 14.2 203.°88 3.°5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.53	+18 49.2	1.686	2.490	17.0	20.2
9 18	1 41.45	+18 54.5	1.602	2.487	13.7	20.0
9 28	1 33.75	+18 40.3	1.538	2.483	9.8	19.7
10 8	1 24.15	+18 6.6	1.499	2.479	5.7	19.5
10 18	1 13.71	+17 16.4	1.486	2.475	3.6	19.4
10 28	1 3.74	+16 15.8	1.501	2.470	6.5	19.5
11 7	0 55.43	+15 13.3	1.542	2.465	10.6	19.8
11 17	0 49.63	+14 17.0	1.607	2.459	14.5	20.0

360169 2013 CF_{96} 10 14.2 262.°40 0.°4/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.88	+ 9 38.2	1.949	2.786	13.8	21.6
9 18	1 36.64	+ 9 6.3	1.871	2.784	10.5	21.4
9 28	1 30.39	+ 8 22.7	1.815	2.781	6.7	21.1
10 8	1 22.76	+ 7 31.1	1.785	2.779	2.6	20.9
10 18	1 14.58	+ 6 36.4	1.783	2.777	1.9	20.8
10 28	1 6.81	+ 5 44.8	1.810	2.774	6.1	21.1
11 7	1 0.34	+ 5 2.1	1.863	2.772	10.0	21.3
11 17	0 55.79	+ 4 32.4	1.940	2.770	13.3	21.5

472573 2015 DD_{95} 10 14.2 210.°66 0.°2/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.86	+11 52.9	1.866	2.691	14.8	22.0
9 18	1 39.83	+11 19.2	1.780	2.685	11.4	21.8
9 28	1 32.53	+10 30.7	1.716	2.678	7.4	21.5
10 8	1 23.63	+ 9 30.6	1.678	2.671	3.0	21.3
10 18	1 14.04	+ 8 24.2	1.668	2.663	1.7	21.2
10 28	1 4.85	+ 7 18.7	1.688	2.654	6.3	21.4
11 7	0 57.09	+ 6 21.0	1.734	2.644	10.5	21.7
11 17	0 51.49	+ 5 36.7	1.805	2.634	14.2	21.9

269248 2008 QL_{23} 10 14.2 9.°47 8.°1/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.43	−10 36.0	1.799	2.671	13.2	19.9
9 18	1 33.30	−12 19.4	1.751	2.673	10.6	19.7
9 28	1 28.24	−13 58.3	1.727	2.676	8.6	19.6
10 8	1 21.90	−15 23.2	1.728	2.680	8.1	19.6
10 18	1 15.13	−16 26.5	1.754	2.684	9.5	19.7
10 28	1 8.87	−17 2.6	1.805	2.689	11.8	19.8
11 7	1 3.93	−17 10.3	1.878	2.695	14.3	20.0
11 17	1 0.88	−16 51.0	1.969	2.701	16.6	20.2

441910 2010 FW_{14} 10 14.2 149.°08 6.°6/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.98	− 9 9.1	2.036	2.889	12.7	21.2
9 18	1 38.72	−10 18.6	1.982	2.896	10.0	21.0
9 28	1 31.56	−11 24.7	1.951	2.902	7.6	20.9
10 8	1 23.17	−12 20.0	1.947	2.908	6.6	20.9
10 18	1 14.38	−12 58.5	1.970	2.913	7.7	20.9
10 28	1 6.13	−13 15.8	2.020	2.918	10.0	21.1
11 7	0 59.23	−13 10.8	2.094	2.923	12.6	21.3
11 17	0 54.25	−12 44.6	2.190	2.927	14.9	21.5

184967 2005 WA_{182} 10 14.2 347.°89 1.°1/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.22	+ 8 42.2	2.109	2.949	12.8	20.1
9 18	1 34.44	+ 7 45.1	2.032	2.948	9.7	19.9
9 28	1 28.90	+ 6 36.7	1.979	2.948	6.1	19.7
10 8	1 22.16	+ 5 21.5	1.953	2.948	2.3	19.5
10 18	1 14.97	+ 4 5.5	1.956	2.947	2.3	19.5
10 28	1 8.16	+ 2 55.5	1.988	2.947	6.1	19.7
11 7	1 2.51	+ 1 57.0	2.046	2.947	9.6	19.9
11 17	0 58.58	+ 1 14.0	2.129	2.947	12.7	20.1

523280 2017 BY_{18} 10 14.2 15.°67 5.°2/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.89	− 5 2.2	1.971	2.830	12.8	20.2
9 18	1 36.49	− 5 51.7	1.909	2.832	9.8	20.0
9 28	1 30.20	− 6 40.7	1.871	2.834	6.9	19.8
10 8	1 22.66	− 7 23.1	1.859	2.836	5.2	19.7
10 18	1 14.68	− 7 53.1	1.875	2.839	6.2	19.8
10 28	1 7.18	− 8 6.4	1.917	2.842	8.9	20.0
11 7	1 0.98	− 8 0.7	1.984	2.845	11.9	20.2
11 17	0 56.65	− 7 36.4	2.073	2.848	14.5	20.4

130198 2000 AY_{152} 10 14.2 19.°42 21.°7/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.62	−28 44.4	0.899	1.775	22.7	18.4
9 18	1 37.57	−32 42.9	0.892	1.777	21.8	18.4
9 28	1 31.74	−35 59.0	0.902	1.780	22.0	18.4
10 8	1 23.38	−38 13.3	0.928	1.783	23.2	18.5
10 18	1 14.30	−39 16.5	0.968	1.788	24.9	18.6
10 28	1 6.49	−39 9.2	1.021	1.793	26.8	18.8
11 7	1 1.41	−38 1.2	1.083	1.798	28.5	19.0
11 17	0 59.75	−36 5.0	1.154	1.804	29.9	19.2

494493 2016 WN_{45} 10 14.2 330.°44 4.°1/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.36	− 1 44.9	1.293	2.162	17.5	20.3
9 18	1 42.81	− 1 31.4	1.209	2.139	13.6	19.9
9 28	1 35.05	− 1 16.8	1.146	2.117	9.0	19.6
10 8	1 24.80	− 0 56.0	1.105	2.096	4.8	19.3
10 18	1 13.28	− 0 24.3	1.090	2.077	5.3	19.3
10 28	1 2.16	+ 0 22.0	1.100	2.058	10.0	19.5
11 7	0 52.99	+ 1 24.3	1.133	2.041	15.0	19.8
11 17	0 46.86	+ 2 41.9	1.187	2.025	19.5	20.0

451199 2009 UC_8 10 14.2 26.°71 1.°5/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.77	+ 4 32.5	2.027	2.870	13.1	21.3
9 18	1 37.90	+ 4 22.6	1.956	2.874	9.9	21.1
9 28	1 31.12	+ 4 6.8	1.909	2.878	6.3	20.9
10 8	1 23.03	+ 3 48.6	1.888	2.882	2.5	20.7
10 18	1 14.46	+ 3 31.8	1.895	2.886	2.6	20.7
10 28	1 6.35	+ 3 20.4	1.931	2.891	6.3	20.9
11 7	0 59.53	+ 3 18.0	1.994	2.896	9.8	21.1
11 17	0 54.60	+ 3 26.5	2.081	2.901	12.9	21.4

86729 2000 GX_{36} 10 14.2 55.°78 1.°2/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.51	+12 36.2	1.353	2.196	18.4	19.1
9 18	1 40.71	+12 29.4	1.301	2.214	14.2	18.9
9 28	1 33.18	+12 5.8	1.268	2.233	9.3	18.7
10 8	1 23.86	+11 28.6	1.259	2.251	4.0	18.4
10 18	1 14.00	+10 43.3	1.276	2.270	2.0	18.3
10 28	1 5.01	+ 9 57.7	1.319	2.290	6.9	18.7
11 7	0 58.03	+ 9 19.3	1.386	2.309	11.6	19.0
11 17	0 53.75	+ 8 53.5	1.476	2.329	15.5	19.3

304175 2006 QT_3 10 14.2 10.°00 0.°1/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.21	+10 36.6	1.321	2.183	17.7	20.3
9 18	1 35.36	+10 16.6	1.260	2.186	13.5	20.1
9 28	1 29.90	+ 9 40.7	1.219	2.190	8.7	19.8
10 8	1 22.64	+ 8 53.0	1.201	2.196	3.4	19.5
10 18	1 14.71	+ 8 0.4	1.208	2.202	2.0	19.5
10 28	1 7.43	+ 7 10.9	1.239	2.210	7.3	19.8
11 7	1 1.94	+ 6 32.3	1.295	2.219	12.1	20.1
11 17	0 58.97	+ 6 9.6	1.372	2.230	16.2	20.4

488161 2015 XK_5 10 14.2 123.°07 2.°3/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.12	+ 4 4.4	2.361	3.207	11.4	21.5
9 18	1 34.13	+ 3 4.2	2.290	3.210	8.5	21.3
9 28	1 28.59	+ 1 57.3	2.244	3.213	5.4	21.1
10 8	1 22.03	+ 0 48.5	2.225	3.217	2.6	21.0
10 18	1 15.08	− 0 16.7	2.235	3.220	3.3	21.0
10 28	1 8.51	− 1 13.0	2.275	3.223	6.3	21.2
11 7	1 2.96	− 1 56.1	2.342	3.226	9.3	21.4
11 17	0 58.95	− 2 23.7	2.433	3.229	12.0	21.6

119439 2001 TJ_{138} 10 14.2 212.°64 0.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.47	+ 8 24.3	1.697	2.535	15.5	19.7
9 18	1 41.21	+ 8 16.4	1.619	2.532	11.9	19.5
9 28	1 33.50	+ 7 57.8	1.563	2.530	7.6	19.2
10 8	1 24.03	+ 7 31.6	1.533	2.527	2.9	18.9
10 18	1 13.84	+ 7 2.2	1.530	2.523	2.0	18.9
10 28	1 4.14	+ 6 35.3	1.554	2.520	6.8	19.2
11 7	0 56.03	+ 6 16.1	1.606	2.516	11.2	19.4
11 17	0 50.28	+ 6 8.8	1.680	2.512	14.9	19.7

327542 2006 BV_{193} 10 14.2 243.°44 3.°7/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.99	+21 38.5	2.404	3.181	13.3	21.3
9 18	1 36.53	+21 45.9	2.313	3.178	10.8	21.1
9 28	1 30.26	+21 37.6	2.244	3.174	8.0	20.9
10 8	1 22.73	+21 13.7	2.200	3.170	5.2	20.7
10 18	1 14.64	+20 35.9	2.184	3.166	3.7	20.6
10 28	1 6.86	+19 48.2	2.197	3.162	5.1	20.7
11 7	1 0.18	+18 55.9	2.238	3.158	7.9	20.9
11 17	0 55.21	+18 4.8	2.304	3.154	10.8	21.1

171618 2000 BB_{37} 10 14.2 18.°23 0.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.57	+10 50.0	1.667	2.508	15.6	20.5
9 18	1 37.46	+10 30.2	1.596	2.510	12.0	20.2
9 28	1 31.05	+ 9 56.7	1.546	2.512	7.7	20.0
10 8	1 23.06	+ 9 13.1	1.521	2.515	3.1	19.7
10 18	1 14.46	+ 8 24.4	1.523	2.517	1.8	19.6
10 28	1 6.38	+ 7 37.4	1.552	2.520	6.4	20.0
11 7	0 59.83	+ 6 58.4	1.607	2.524	10.7	20.2
11 17	0 55.50	+ 6 32.3	1.685	2.527	14.4	20.5

305337 2008 AM_{107} 10 14.2 9.°68 2.°2/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.49	+16 5.8	1.699	2.524	16.1	20.5
9 18	1 36.68	+15 56.6	1.624	2.525	12.6	20.3
9 28	1 30.58	+15 29.7	1.570	2.526	8.7	20.1
10 8	1 22.89	+14 47.1	1.540	2.528	4.4	19.8
10 18	1 14.56	+13 52.9	1.537	2.530	2.4	19.7
10 28	1 6.73	+12 53.9	1.561	2.532	6.0	20.0
11 7	1 0.40	+11 57.7	1.611	2.535	10.1	20.2
11 17	0 56.28	+11 10.7	1.684	2.539	13.8	20.4

80615 2000 AK_{170} 10 14.2 285.°28 3.°0/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.58	+ 5 57.9	1.481	2.343	16.1	19.5
9 18	1 37.15	+ 4 45.0	1.396	2.325	12.2	19.2
9 28	1 31.14	+ 3 16.6	1.333	2.306	7.8	18.9
10 8	1 23.20	+ 1 39.8	1.294	2.288	3.6	18.6
10 18	1 14.35	+ 0 4.2	1.282	2.269	4.6	18.6
10 28	1 5.87	− 1 19.4	1.296	2.250	9.3	18.8
11 7	0 58.99	− 2 22.0	1.334	2.231	14.0	19.1
11 17	0 54.57	− 2 59.0	1.392	2.213	18.1	19.3

304276 2006 SP_{15} 10 14.2 128.°48 1.°8/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.14	+15 20.5	1.982	2.796	14.5	20.5
9 18	1 37.62	+15 12.5	1.902	2.798	11.3	20.3
9 28	1 31.04	+14 49.8	1.845	2.799	7.7	20.1
10 8	1 23.05	+14 14.1	1.813	2.800	3.9	19.9
10 18	1 14.48	+13 28.7	1.808	2.801	2.0	19.8
10 28	1 6.34	+12 39.3	1.833	2.803	5.4	20.0
11 7	0 59.53	+11 52.0	1.884	2.804	9.2	20.2
11 17	0 54.69	+11 12.2	1.960	2.805	12.6	20.4

257762 2000 BV_{39} 10 14.2 322.°22 0.°4/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.30	+11 29.8	2.063	2.894	13.4	20.9
9 18	1 35.42	+11 10.9	1.977	2.886	10.3	20.6
9 28	1 29.63	+10 40.0	1.914	2.878	6.7	20.4
10 8	1 22.51	+ 9 59.7	1.877	2.870	2.8	20.1
10 18	1 14.81	+ 9 14.1	1.868	2.863	1.5	20.0
10 28	1 7.45	+ 8 28.5	1.888	2.856	5.5	20.3
11 7	1 1.27	+ 7 48.4	1.934	2.849	9.3	20.5
11 17	0 56.90	+ 7 18.3	2.005	2.843	12.6	20.7

184543 2005 QR_{40} 10 14.2 53.°82 1.°4/15.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.10	+14 59.9	1.243	2.088	19.6	20.5
9 18	1 39.71	+14 26.5	1.199	2.113	15.1	20.3
9 28	1 32.53	+13 31.5	1.175	2.138	9.9	20.0
10 8	1 23.60	+12 19.8	1.173	2.164	4.4	19.8
10 18	1 14.25	+10 59.7	1.196	2.191	2.1	19.7
10 28	1 5.91	+ 9 41.6	1.245	2.217	7.1	20.1
11 7	0 59.69	+ 8 35.0	1.319	2.244	11.9	20.5
11 17	0 56.22	+ 7 46.0	1.414	2.270	15.9	20.8

470273 2007 BP_{76} 10 14.2 339.°40 2.°7/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.40	+15 13.3	1.313	2.155	18.9	20.7
9 18	1 38.88	+15 23.3	1.238	2.149	15.0	20.5
9 28	1 32.40	+15 13.8	1.182	2.143	10.3	20.2
10 8	1 23.73	+14 45.7	1.148	2.137	5.3	19.9
10 18	1 14.08	+14 2.8	1.139	2.132	2.9	19.7
10 28	1 4.96	+13 12.6	1.155	2.128	7.3	20.0
11 7	0 57.77	+12 24.5	1.194	2.124	12.3	20.3
11 17	0 53.44	+11 46.4	1.255	2.122	16.8	20.5

466784 2015 BH_7 10 14.2 67.°41 0.°1/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.38	+10 0.0	1.268	2.119	18.9	20.6
9 18	1 42.24	+ 9 44.2	1.218	2.138	14.4	20.4
9 28	1 34.21	+ 9 13.2	1.188	2.156	9.2	20.2
10 8	1 24.29	+ 8 31.5	1.181	2.175	3.6	19.9
10 18	1 13.84	+ 7 45.7	1.200	2.194	2.2	19.9
10 28	1 4.35	+ 7 3.8	1.244	2.213	7.6	20.2
11 7	0 57.02	+ 6 33.0	1.313	2.232	12.5	20.6
11 17	0 52.55	+ 6 17.4	1.404	2.251	16.5	20.9

319129 2005 YC_2 10 14.2 26.°78 0.°8/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.98	+ 7 7.4	1.907	2.749	13.9	20.5
9 18	1 37.45	+ 6 53.3	1.836	2.753	10.5	20.3
9 28	1 30.91	+ 6 30.6	1.789	2.757	6.7	20.1
10 8	1 23.00	+ 6 2.7	1.767	2.762	2.5	19.8
10 18	1 14.57	+ 5 33.9	1.773	2.766	2.1	19.8
10 28	1 6.62	+ 5 9.1	1.808	2.771	6.2	20.1
11 7	1 0.03	+ 4 52.8	1.869	2.777	10.0	20.3
11 17	0 55.40	+ 4 47.9	1.953	2.782	13.3	20.5

509594 2008 DA_{38} 10 14.2 152.°89 0.°6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.16	+ 8 2.0	3.346	4.162	9.1	23.8
9 18	1 35.19	+ 7 22.5	3.271	4.174	6.8	23.7
9 28	1 29.06	+ 6 36.6	3.222	4.185	4.3	23.5
10 8	1 22.19	+ 5 47.2	3.202	4.196	1.6	23.3
10 18	1 15.07	+ 4 57.4	3.214	4.206	1.5	23.4
10 28	1 8.25	+ 4 10.6	3.257	4.215	4.1	23.6
11 7	1 2.20	+ 3 30.1	3.330	4.223	6.6	23.7
11 17	0 57.32	+ 2 58.3	3.430	4.231	8.7	23.9

517052 2013 AO_{104} 10 14.2 238.°26 4.°1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.26	+21 26.8	2.097	2.880	14.8	21.2
9 18	1 38.56	+21 40.7	2.007	2.875	12.1	21.0
9 28	1 31.73	+21 37.4	1.937	2.869	9.0	20.8
10 8	1 23.37	+21 16.5	1.893	2.864	5.8	20.6
10 18	1 14.32	+20 39.4	1.875	2.858	4.1	20.5
10 28	1 5.60	+19 50.6	1.886	2.852	5.8	20.6
11 7	0 58.18	+18 56.5	1.924	2.845	9.0	20.8
11 17	0 52.77	+18 3.6	1.988	2.839	12.1	21.0

58164 1989 WV_3 10 14.2 348.°70 4.°6/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.38	+19 52.0	1.342	2.170	19.4	18.1
9 18	1 37.34	+20 7.4	1.267	2.164	15.7	17.8
9 28	1 31.41	+19 59.1	1.210	2.159	11.4	17.6
10 8	1 23.35	+19 26.6	1.175	2.155	7.0	17.3
10 18	1 14.34	+18 32.9	1.163	2.152	4.6	17.2
10 28	1 5.86	+17 25.7	1.177	2.149	7.3	17.3
11 7	0 59.27	+16 15.5	1.214	2.147	11.8	17.6
11 17	0 55.48	+15 12.2	1.273	2.147	16.1	17.9

355302 2007 RS_{241} 10 14.2 268.°85 7.°2/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.75	− 4 42.6	1.813	2.681	13.3	19.9
9 18	1 35.21	− 7 18.0	1.744	2.670	10.4	19.7
9 28	1 29.60	− 9 59.2	1.700	2.659	7.9	19.5
10 8	1 22.53	−12 34.0	1.685	2.648	7.3	19.5
10 18	1 14.85	−14 50.5	1.699	2.636	9.1	19.6
10 28	1 7.55	−16 38.8	1.739	2.625	12.1	19.7
11 7	1 1.55	−17 54.0	1.802	2.614	15.1	19.9
11 17	0 57.53	−18 35.4	1.884	2.602	17.7	20.1

367274 2007 TC_{198} 10 14.2 146.°51 1.°2/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.05	+12 29.8	1.561	2.388	17.1	21.5
9 18	1 43.32	+12 28.9	1.491	2.395	13.3	21.2
9 28	1 34.90	+12 13.0	1.442	2.402	8.8	21.0
10 8	1 24.62	+11 44.3	1.417	2.408	3.9	20.7
10 18	1 13.61	+11 6.8	1.419	2.414	2.0	20.6
10 28	1 3.26	+10 27.1	1.450	2.419	6.7	20.9
11 7	0 54.75	+ 9 52.1	1.506	2.424	11.3	21.2
11 17	0 48.87	+ 9 27.5	1.586	2.428	15.2	21.5

1583 Antilochus 10 14.2 336.°62 2.°2/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 33.14	+22 59.7	4.140	4.895	8.5	15.7
9 18	1 29.87	+22 27.6	4.042	4.893	6.9	15.6
9 28	1 25.68	+21 44.4	3.969	4.891	5.1	15.5
10 8	1 20.89	+20 51.3	3.922	4.890	3.3	15.3
10 18	1 15.87	+19 50.1	3.906	4.888	2.2	15.3
10 28	1 11.05	+18 43.9	3.921	4.886	3.1	15.3
11 7	1 6.81	+17 36.0	3.965	4.885	4.8	15.4
11 17	1 3.46	+16 29.9	4.039	4.883	6.6	15.6

379541 2011 AN 10 14.2 287.°92 0.°9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.30	+ 8 41.4	1.443	2.296	16.9	21.9
9 18	1 39.40	+ 8 14.3	1.356	2.278	13.1	21.6
9 28	1 32.70	+ 7 32.5	1.290	2.260	8.4	21.3
10 8	1 23.88	+ 6 40.0	1.247	2.242	3.2	21.0
10 18	1 14.01	+ 5 43.1	1.230	2.223	2.6	20.9
10 28	1 4.50	+ 4 50.4	1.239	2.205	8.1	21.1
11 7	0 56.69	+ 4 9.9	1.273	2.187	13.1	21.4
11 17	0 51.52	+ 3 47.2	1.327	2.169	17.6	21.6

29923 1999 JE_{28} 10 14.2 10.°98 0.°2/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.25	+10 7.8	1.866	2.706	14.3	18.1
9 18	1 36.24	+ 9 38.2	1.792	2.706	10.9	17.9
9 28	1 30.19	+ 8 56.3	1.740	2.707	7.0	17.7
10 8	1 22.74	+ 8 5.8	1.714	2.708	2.7	17.4
10 18	1 14.76	+ 7 11.8	1.715	2.710	1.8	17.4
10 28	1 7.22	+ 6 20.6	1.745	2.711	6.1	17.7
11 7	1 1.02	+ 5 38.2	1.801	2.713	10.1	17.9
11 17	0 56.80	+ 5 8.7	1.880	2.715	13.5	18.1

146704 2001 VU_{113} 10 14.2 4.°12 0.°6/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.79	+11 41.0	1.806	2.641	14.8	19.9
9 18	1 36.75	+11 25.2	1.731	2.641	11.4	19.7
9 28	1 30.58	+10 56.1	1.677	2.641	7.5	19.5
10 8	1 22.92	+10 16.6	1.649	2.642	3.1	19.2
10 18	1 14.67	+ 9 31.2	1.648	2.643	1.6	19.1
10 28	1 6.88	+ 8 45.9	1.675	2.644	6.0	19.4
11 7	1 0.48	+ 8 6.8	1.728	2.645	10.0	19.6
11 17	0 56.15	+ 7 38.7	1.804	2.647	13.6	19.9

149741 2004 NQ_{12} 10 14.2 33.°78 6.°4/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.74	− 7 26.8	1.855	2.718	13.3	19.0
9 18	1 36.47	− 8 32.1	1.802	2.724	10.3	18.8
9 28	1 30.24	− 9 34.8	1.772	2.730	7.7	18.7
10 8	1 22.74	−10 27.7	1.769	2.737	6.4	18.6
10 18	1 14.82	−11 4.3	1.791	2.744	7.5	18.7
10 28	1 7.46	−11 20.0	1.840	2.752	10.1	18.9
11 7	1 1.47	−11 13.4	1.912	2.759	12.9	19.1
11 17	0 57.43	−10 45.4	2.005	2.767	15.4	19.3

435833 2008 WT_{76} 10 14.2 71.°20 8.°9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.15	−13 52.5	1.629	2.482	15.3	20.5
9 18	1 42.19	−14 47.9	1.588	2.496	12.4	20.3
9 28	1 33.88	−15 33.1	1.569	2.510	9.9	20.2
10 8	1 24.12	−16 0.0	1.574	2.524	8.9	20.2
10 18	1 14.03	−16 2.8	1.605	2.538	9.9	20.3
10 28	1 4.78	−15 38.7	1.660	2.552	12.2	20.5
11 7	0 57.36	−14 49.2	1.739	2.566	14.8	20.7
11 17	0 52.33	−13 38.1	1.837	2.580	17.2	20.9

401227 2012 AN_7 10 14.2 206.°14 2.°9/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.17	+19 46.8	2.200	2.993	13.9	20.9
9 18	1 36.01	+19 31.4	2.114	2.992	11.1	20.7
9 28	1 29.99	+18 58.8	2.050	2.991	7.9	20.5
10 8	1 22.67	+18 10.4	2.011	2.990	4.7	20.3
10 18	1 14.83	+17 9.3	2.000	2.989	2.9	20.2
10 28	1 7.37	+16 1.0	2.018	2.988	5.1	20.3
11 7	1 1.09	+14 52.0	2.064	2.987	8.4	20.5
11 17	0 56.60	+13 48.8	2.136	2.985	11.5	20.7

391880 2008 TT_{141} 10 14.2 29.°16 0.°3/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.71	+10 23.9	4.099	4.910	7.6	21.3
9 18	1 31.75	+10 21.5	4.015	4.912	5.8	21.1
9 28	1 26.87	+10 13.9	3.956	4.915	3.8	21.0
10 8	1 21.37	+10 2.4	3.925	4.917	1.6	20.8
10 18	1 15.64	+ 9 48.6	3.925	4.920	0.8	20.8
10 28	1 10.08	+ 9 34.5	3.956	4.923	3.0	21.0
11 7	1 5.09	+ 9 22.1	4.017	4.925	5.1	21.1
11 17	1 0.99	+ 9 13.3	4.105	4.928	7.0	21.2

475229 2005 VL_{114} 10 14.2 303.°87 1.°6/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.81	+14 31.6	1.480	2.319	17.3	21.9
9 18	1 37.50	+14 15.6	1.390	2.301	13.7	21.6
9 28	1 31.48	+13 39.9	1.320	2.282	9.3	21.3
10 8	1 23.42	+12 46.5	1.273	2.264	4.3	21.0
10 18	1 14.34	+11 40.1	1.251	2.246	2.1	20.8
10 28	1 5.60	+10 29.2	1.256	2.228	7.0	21.1
11 7	0 58.48	+ 9 23.3	1.285	2.211	12.1	21.3
11 17	0 53.94	+ 8 30.6	1.336	2.194	16.5	21.5

364464 2007 BD_{81} 10 14.2 165.°95 1.°5/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.37	+ 5 12.5	2.656	3.490	10.7	22.2
9 18	1 35.69	+ 4 34.2	2.580	3.494	8.0	22.0
9 28	1 29.55	+ 3 49.9	2.530	3.497	5.0	21.9
10 8	1 22.45	+ 3 3.1	2.507	3.500	2.1	21.7
10 18	1 15.00	+ 2 17.6	2.514	3.503	2.4	21.7
10 28	1 7.88	+ 1 37.9	2.552	3.505	5.3	21.9
11 7	1 1.71	+ 1 7.3	2.617	3.507	8.2	22.1
11 17	0 56.97	+ 0 48.2	2.708	3.509	10.8	22.3

253523 2003 SH_{183} 10 14.2 340.°41 4.°7/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.95	+ 2 50.9	1.197	2.078	17.9	20.1
9 18	1 36.99	+ 1 32.5	1.134	2.072	13.5	19.8
9 28	1 31.15	+ 0 1.8	1.092	2.067	8.7	19.6
10 8	1 23.24	− 1 31.1	1.072	2.063	4.9	19.3
10 18	1 14.52	− 2 54.6	1.077	2.059	6.4	19.4
10 28	1 6.45	− 3 57.5	1.105	2.056	11.0	19.7
11 7	1 0.33	− 4 33.0	1.156	2.053	15.7	19.9
11 17	0 56.99	− 4 39.0	1.225	2.051	19.7	20.2

183688 2003 YU_{16} 10 14.2 221.°75 4.°1/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.51	+20 47.4	1.763	2.557	16.8	20.7
9 18	1 40.68	+20 52.7	1.674	2.551	13.6	20.4
9 28	1 33.31	+20 37.5	1.606	2.544	10.0	20.2
10 8	1 24.08	+20 1.5	1.561	2.537	6.2	20.0
10 18	1 13.99	+19 7.0	1.543	2.529	4.1	19.8
10 28	1 4.32	+18 0.1	1.552	2.521	6.4	20.0
11 7	0 56.21	+16 49.2	1.588	2.512	10.3	20.2
11 17	0 50.51	+15 42.9	1.649	2.503	14.1	20.4

316953 2001 DX_{80} 10 14.2 242.°93 4.°4/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.02	+23 47.1	2.456	3.218	13.5	20.7
9 18	1 37.37	+24 3.8	2.361	3.212	11.1	20.5
9 28	1 30.87	+24 4.3	2.287	3.205	8.5	20.3
10 8	1 23.05	+23 48.1	2.238	3.199	5.9	20.1
10 18	1 14.62	+23 16.2	2.217	3.192	4.4	20.0
10 28	1 6.47	+22 31.9	2.224	3.185	5.5	20.1
11 7	0 59.41	+21 40.6	2.259	3.177	8.0	20.2
11 17	0 54.08	+20 48.2	2.321	3.170	10.7	20.4

80285 1999 XH_{40} 10 14.2 279.°94 0.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.80	+ 9 5.8	1.529	2.375	16.5	20.1
9 18	1 40.45	+ 8 49.6	1.438	2.356	12.8	19.8
9 28	1 33.36	+ 8 19.8	1.368	2.336	8.3	19.5
10 8	1 24.17	+ 7 39.6	1.323	2.317	3.2	19.2
10 18	1 13.92	+ 6 54.4	1.303	2.297	2.2	19.0
10 28	1 3.98	+ 6 11.3	1.310	2.277	7.6	19.3
11 7	0 55.67	+ 5 37.7	1.343	2.257	12.6	19.6
11 17	0 49.94	+ 5 19.1	1.397	2.237	16.9	19.8

258462 2001 YB_{123} 10 14.2 355.°10 4.°0/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.95	− 1 27.7	1.676	2.536	14.6	19.7
9 18	1 39.23	− 1 47.3	1.608	2.533	11.1	19.4
9 28	1 32.19	− 2 8.5	1.562	2.531	7.4	19.2
10 8	1 23.57	− 2 26.1	1.542	2.530	4.3	19.0
10 18	1 14.34	− 2 34.9	1.548	2.529	5.1	19.1
10 28	1 5.65	− 2 30.3	1.581	2.528	8.6	19.3
11 7	0 58.51	− 2 10.0	1.638	2.528	12.3	19.5
11 17	0 53.62	− 1 33.8	1.718	2.529	15.6	19.7

490894 2011 BX_{70} 10 14.2 301.°78 4.°4/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.53	− 1 11.3	2.100	2.960	12.1	22.0
9 18	1 34.07	− 2 27.4	2.015	2.942	9.2	21.8
9 28	1 28.80	− 3 48.9	1.955	2.923	6.2	21.6
10 8	1 22.25	− 5 9.1	1.922	2.905	4.4	21.4
10 18	1 15.13	− 6 21.0	1.917	2.886	5.6	21.5
10 28	1 8.29	− 7 18.1	1.939	2.868	8.6	21.6
11 7	1 2.54	− 7 55.7	1.987	2.850	11.7	21.8
11 17	0 58.48	− 8 12.0	2.056	2.832	14.6	21.9

121841 2000 BX_{49} 10 14.2 21.°30 4.°6/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.92	− 1 43.8	1.761	2.627	13.7	19.3
9 18	1 35.20	− 2 41.8	1.705	2.634	10.4	19.1
9 28	1 29.49	− 3 42.2	1.673	2.642	7.0	18.9
10 8	1 22.48	− 4 38.3	1.666	2.650	4.7	18.8
10 18	1 15.04	− 5 23.4	1.686	2.659	5.8	18.9
10 28	1 8.14	− 5 52.0	1.732	2.668	8.8	19.1
11 7	1 2.63	− 6 1.0	1.802	2.678	12.1	19.3
11 17	0 59.07	− 5 50.2	1.894	2.689	15.0	19.6

68851 2002 HV 10 14.2 215.°69 1.°4/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.85	+ 6 16.0	2.869	3.699	10.0	20.0
9 18	1 34.53	+ 5 22.2	2.779	3.691	7.6	19.8
9 28	1 28.83	+ 4 21.0	2.715	3.682	4.7	19.6
10 8	1 22.21	+ 3 15.9	2.679	3.673	2.0	19.4
10 18	1 15.19	+ 2 11.4	2.674	3.663	2.3	19.4
10 28	1 8.42	+ 1 12.0	2.700	3.652	5.2	19.6
11 7	1 2.48	+ 0 21.9	2.754	3.641	8.0	19.8
11 17	0 57.85	− 0 16.0	2.834	3.630	10.5	19.9

365802 2011 CZ_{69} 10 14.2 300.°47 9.°4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.30	−18 41.6	2.184	3.033	12.1	20.3
9 18	1 34.61	−20 30.2	2.127	3.020	10.5	20.2
9 28	1 29.10	−22 10.1	2.095	3.006	9.5	20.1
10 8	1 22.35	−23 32.7	2.087	2.993	9.7	20.1
10 18	1 15.10	−24 31.1	2.104	2.980	10.9	20.2
10 28	1 8.21	−25 0.9	2.145	2.968	12.7	20.3
11 7	1 2.47	−25 1.4	2.206	2.955	14.6	20.4
11 17	0 58.46	−24 34.5	2.285	2.943	16.4	20.5

304228 2006 QD_{183} 10 14.2 268.°16 0.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.83	+11 26.9	1.984	2.815	13.9	20.9
9 18	1 36.72	+10 55.6	1.894	2.803	10.7	20.7
9 28	1 30.58	+10 10.8	1.827	2.791	6.9	20.5
10 8	1 22.97	+ 9 15.6	1.785	2.779	2.8	20.2
10 18	1 14.72	+ 8 14.8	1.772	2.767	1.6	20.1
10 28	1 6.79	+ 7 14.8	1.787	2.754	5.9	20.3
11 7	1 0.10	+ 6 22.0	1.830	2.742	9.9	20.5
11 17	0 55.33	+ 5 41.4	1.896	2.729	13.4	20.7

221401 2005 YO_{68} 10 14.2 157.°16 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.57	+10 25.4	2.557	3.378	11.4	21.3
9 18	1 35.95	+10 2.7	2.478	3.382	8.7	21.1
9 28	1 29.78	+ 9 30.8	2.423	3.386	5.6	20.9
10 8	1 22.58	+ 8 52.4	2.396	3.389	2.2	20.7
10 18	1 14.99	+ 8 10.9	2.398	3.392	1.3	20.6
10 28	1 7.74	+ 7 30.5	2.430	3.395	4.7	20.9
11 7	1 1.48	+ 6 55.3	2.490	3.398	7.9	21.1
11 17	0 56.73	+ 6 28.7	2.576	3.400	10.6	21.3

284678 2008 RN_{97} 10 14.2 28.°96 4.°2/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.20	+ 0 12.4	1.520	2.385	15.6	19.7
9 18	1 38.80	− 0 33.4	1.460	2.389	11.8	19.4
9 28	1 31.98	− 1 23.9	1.422	2.392	7.7	19.2
10 8	1 23.51	− 2 12.3	1.408	2.396	4.5	19.0
10 18	1 14.46	− 2 51.3	1.420	2.401	5.4	19.1
10 28	1 6.05	− 3 14.7	1.458	2.405	9.2	19.3
11 7	0 59.33	− 3 18.7	1.521	2.410	13.1	19.6
11 17	0 54.97	− 3 2.6	1.604	2.416	16.5	19.8

518318 2017 BB_{77} 10 14.2 252.°73 0.°8/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.03	+ 8 18.8	2.184	3.020	12.6	21.9
9 18	1 35.84	+ 7 43.2	2.102	3.015	9.5	21.7
9 28	1 29.87	+ 6 57.6	2.043	3.010	6.0	21.5
10 8	1 22.66	+ 6 5.8	2.011	3.005	2.3	21.3
10 18	1 14.95	+ 5 12.5	2.007	3.000	2.0	21.2
10 28	1 7.58	+ 4 23.2	2.033	2.995	5.8	21.5
11 7	1 1.33	+ 3 42.9	2.086	2.989	9.3	21.7
11 17	0 56.80	+ 3 15.1	2.163	2.984	12.4	21.9

407115 2009 SA_{307} 10 14.2 263.°44 2.°0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.10	+ 5 23.6	2.280	3.125	11.8	20.9
9 18	1 34.26	+ 4 25.2	2.204	3.123	8.9	20.7
9 28	1 28.79	+ 3 18.6	2.152	3.122	5.6	20.5
10 8	1 22.22	+ 2 8.6	2.128	3.121	2.5	20.3
10 18	1 15.22	+ 1 0.8	2.132	3.119	3.0	20.3
10 28	1 8.58	+ 0 1.0	2.166	3.118	6.3	20.5
11 7	1 2.99	− 0 46.1	2.227	3.117	9.5	20.7
11 17	0 58.98	− 1 17.7	2.311	3.115	12.3	20.9

216471 1997 WK_{12} 10 14.2 315.°55 3.°2/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.09	+18 6.8	1.237	2.078	19.9	20.1
9 18	1 37.40	+17 53.9	1.157	2.065	16.0	19.9
9 28	1 31.64	+17 14.3	1.095	2.053	11.2	19.6
10 8	1 23.56	+16 9.0	1.054	2.041	6.1	19.2
10 18	1 14.37	+14 43.4	1.037	2.030	3.3	19.0
10 28	1 5.67	+13 8.1	1.044	2.019	7.6	19.3
11 7	0 58.95	+11 36.1	1.075	2.009	13.0	19.5
11 17	0 55.19	+10 18.6	1.127	1.999	17.9	19.8

455593 2004 SD_{52} 10 14.3 6.°13 2.°6/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.40	+18 31.5	1.737	2.556	16.0	20.3
9 18	1 34.34	+18 8.0	1.661	2.557	12.7	20.1
9 28	1 29.12	+17 24.3	1.606	2.558	8.9	19.9
10 8	1 22.41	+16 22.3	1.575	2.560	4.8	19.6
10 18	1 15.12	+15 7.1	1.571	2.563	2.7	19.5
10 28	1 8.30	+13 46.1	1.593	2.566	5.7	19.7
11 7	1 2.89	+12 28.0	1.642	2.570	9.7	20.0
11 17	0 59.57	+11 20.0	1.715	2.575	13.4	20.2

86852 2000 HJ_2 10 14.3 264.°48 0.°8/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.26	+10 24.4	1.589	2.435	16.0	19.5
9 18	1 37.43	+ 9 30.4	1.511	2.430	12.2	19.3
9 28	1 31.20	+ 8 19.7	1.455	2.424	7.8	19.0
10 8	1 23.26	+ 6 57.5	1.424	2.418	2.9	18.7
10 18	1 14.61	+ 5 31.4	1.420	2.413	2.4	18.6
10 28	1 6.44	+ 4 10.7	1.443	2.407	7.3	18.9
11 7	0 59.83	+ 3 3.8	1.491	2.401	11.9	19.2
11 17	0 55.54	+ 2 16.2	1.562	2.396	15.8	19.4

164531 2006 HX_{94} 10 14.3 24.°68 0.°2/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.49	+12 51.2	0.858	1.745	22.5	19.2
9 18	1 34.94	+11 56.3	0.819	1.757	17.2	18.9
9 28	1 30.01	+10 34.9	0.796	1.772	11.0	18.6
10 8	1 22.82	+ 8 55.9	0.792	1.788	4.2	18.3
10 18	1 14.97	+ 7 12.5	0.811	1.805	2.7	18.3
10 28	1 8.20	+ 5 40.1	0.851	1.824	9.1	18.8
11 7	1 3.87	+ 4 30.4	0.912	1.845	14.8	19.2
11 17	1 2.64	+ 3 49.0	0.991	1.867	19.5	19.5

175054 2004 FN_{118} 10 14.3 216.°16 1.°4/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.58	+ 6 14.7	2.335	3.170	11.9	21.2
9 18	1 36.90	+ 5 37.2	2.250	3.163	9.0	21.0
9 28	1 30.51	+ 4 51.7	2.189	3.157	5.7	20.8
10 8	1 22.92	+ 4 1.9	2.156	3.150	2.3	20.5
10 18	1 14.84	+ 3 12.4	2.152	3.142	2.4	20.5
10 28	1 7.08	+ 2 28.3	2.178	3.135	5.9	20.7
11 7	1 0.39	+ 1 54.0	2.231	3.126	9.2	20.9
11 17	0 55.34	+ 1 32.3	2.309	3.118	12.2	21.1

274953 2009 SY_{291} 10 14.3 159.°73 1.°1/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.40	+14 1.8	1.611	2.441	16.5	21.2
9 18	1 39.02	+13 33.3	1.537	2.443	12.9	20.9
9 28	1 32.19	+12 46.8	1.483	2.445	8.5	20.7
10 8	1 23.64	+11 45.6	1.455	2.446	3.8	20.4
10 18	1 14.42	+10 35.3	1.453	2.447	1.8	20.3
10 28	1 5.75	+ 9 24.2	1.478	2.448	6.5	20.6
11 7	0 58.72	+ 8 20.6	1.530	2.449	11.0	20.9
11 17	0 54.06	+ 7 30.8	1.605	2.450	14.9	21.1

436494 2011 EX_{46} 10 14.3 181.°14 3.°3/11.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.25	+ 1 22.2	1.932	2.779	13.5	22.2
9 18	1 39.93	+ 0 32.4	1.861	2.780	10.2	22.0
9 28	1 32.53	− 0 22.8	1.813	2.781	6.6	21.8
10 8	1 23.72	− 1 17.9	1.792	2.781	3.6	21.6
10 18	1 14.38	− 2 6.7	1.799	2.780	4.4	21.7
10 28	1 5.53	− 2 43.3	1.835	2.779	7.9	21.9
11 7	0 58.06	− 3 3.8	1.897	2.777	11.4	22.1
11 17	0 52.62	− 3 6.5	1.982	2.775	14.5	22.3

183707 2003 YJ_{51} 10 14.3 260.°34 2.°6/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.53	+ 4 30.6	1.544	2.399	15.9	20.6
9 18	1 40.04	+ 3 49.6	1.465	2.389	12.1	20.3
9 28	1 32.96	+ 2 58.5	1.407	2.378	7.7	20.1
10 8	1 24.00	+ 2 2.8	1.375	2.368	3.5	19.8
10 18	1 14.20	+ 1 9.9	1.368	2.357	4.0	19.8
10 28	1 4.85	+ 0 27.5	1.389	2.346	8.5	20.1
11 7	0 57.15	+ 0 1.5	1.434	2.334	13.0	20.3
11 17	0 51.93	− 0 4.8	1.501	2.323	16.9	20.5

189947 2003 TF_{17} 10 14.3 34.°72 0.°6/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.64	+12 9.7	2.046	2.875	13.6	19.9
9 18	1 35.61	+11 49.2	1.975	2.881	10.4	19.7
9 28	1 29.73	+11 16.4	1.926	2.888	6.8	19.5
10 8	1 22.62	+10 34.2	1.904	2.896	2.9	19.3
10 18	1 15.06	+ 9 46.9	1.909	2.903	1.4	19.2
10 28	1 7.93	+ 8 59.7	1.943	2.911	5.3	19.5
11 7	1 2.03	+ 8 18.3	2.003	2.920	9.0	19.7
11 17	0 57.94	+ 7 46.7	2.089	2.928	12.1	20.0

14368 1988 TK 10 14.3 49.°90 2.°2/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.97	+13 50.4	1.590	2.415	16.9	17.3
9 18	1 41.58	+14 13.2	1.533	2.434	13.2	17.1
9 28	1 33.71	+14 21.3	1.497	2.454	8.9	16.9
10 8	1 24.19	+14 15.9	1.486	2.474	4.5	16.7
10 18	1 14.15	+13 59.8	1.501	2.494	2.5	16.6
10 28	1 4.84	+13 38.2	1.544	2.514	6.2	16.9
11 7	0 57.33	+13 17.1	1.613	2.535	10.3	17.2
11 17	0 52.29	+13 1.8	1.705	2.556	13.9	17.5

467406 2005 JC_{109} 10 14.3 30.°65 15.°1/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	2 2.48	−24 59.7	1.046	1.889	22.7	19.2
9 18	1 53.89	−25 8.3	1.017	1.904	19.5	19.0
9 28	1 41.56	−24 46.3	1.004	1.921	16.7	18.9
10 8	1 27.11	−23 43.4	1.012	1.939	15.2	18.9
10 18	1 12.59	−21 56.5	1.041	1.959	15.6	19.0
10 28	1 0.03	−19 31.0	1.093	1.979	17.5	19.2
11 7	0 50.75	−16 38.4	1.166	2.001	20.1	19.4
11 17	0 45.27	−13 31.0	1.258	2.023	22.6	19.7

206155 2002 TG_{158} 10 14.3 38.°07 6.°8/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.32	− 5 1.6	1.505	2.380	15.2	19.6
9 18	1 36.52	− 6 28.2	1.461	2.392	11.7	19.4
9 28	1 30.44	− 7 54.1	1.440	2.404	8.4	19.3
10 8	1 22.90	− 9 10.0	1.443	2.417	6.8	19.2
10 18	1 14.94	−10 7.1	1.471	2.431	8.1	19.3
10 28	1 7.69	−10 39.4	1.524	2.445	11.1	19.5
11 7	1 2.07	−10 44.9	1.600	2.459	14.3	19.8
11 17	0 58.69	−10 24.9	1.696	2.474	17.1	20.0

288903 2004 RW_{320} 10 14.3 86.°22 3.°0/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.88	+19 37.2	2.213	3.005	13.9	20.7
9 18	1 36.54	+19 33.0	2.132	3.009	11.1	20.5
9 28	1 30.35	+19 12.8	2.073	3.013	8.0	20.3
10 8	1 22.88	+18 37.3	2.039	3.017	4.7	20.2
10 18	1 14.91	+17 49.4	2.033	3.020	3.0	20.0
10 28	1 7.33	+16 53.9	2.055	3.024	5.1	20.2
11 7	1 0.95	+15 56.9	2.106	3.028	8.2	20.4
11 17	0 56.35	+15 4.2	2.182	3.032	11.3	20.6

357681 2005 MR_{19} 10 14.3 25.°74 4.°1/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.38	+ 2 5.0	1.711	2.576	14.1	20.5
9 18	1 34.93	+ 0 37.1	1.649	2.579	10.6	20.3
9 28	1 29.41	− 0 58.6	1.611	2.583	6.9	20.1
10 8	1 22.53	− 2 34.3	1.599	2.587	4.2	20.0
10 18	1 15.15	− 4 1.0	1.614	2.591	5.4	20.0
10 28	1 8.28	− 5 10.8	1.655	2.595	8.9	20.3
11 7	1 2.81	− 5 58.5	1.722	2.600	12.4	20.5
11 17	0 59.34	− 6 22.2	1.810	2.605	15.5	20.7

461224 2015 VO_{144} 10 14.3 58.°63 6.°0/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.94	+30 4.5	2.127	2.865	16.0	20.2
9 18	1 36.68	+30 3.3	2.059	2.885	13.5	20.0
9 28	1 30.44	+29 38.8	2.010	2.905	10.7	19.9
10 8	1 22.90	+28 50.5	1.984	2.925	8.0	19.8
10 18	1 14.94	+27 40.9	1.984	2.946	6.2	19.7
10 28	1 7.55	+26 15.5	2.012	2.966	6.5	19.8
11 7	1 1.56	+24 42.4	2.067	2.987	8.5	19.9
11 17	0 57.54	+23 9.7	2.148	3.007	11.1	20.1

80415 1999 XB_{202} 10 14.3 201.°89 0.°8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.72	+ 7 46.9	1.880	2.713	14.4	20.3
9 18	1 41.24	+ 7 24.9	1.798	2.710	11.0	20.0
9 28	1 33.50	+ 6 52.8	1.739	2.705	7.0	19.8
10 8	1 24.17	+ 6 14.0	1.707	2.701	2.7	19.5
10 18	1 14.17	+ 5 33.3	1.702	2.695	2.2	19.5
10 28	1 4.60	+ 4 56.6	1.727	2.689	6.6	19.7
11 7	0 56.46	+ 4 29.0	1.779	2.683	10.7	20.0
11 17	0 50.49	+ 4 14.2	1.854	2.676	14.2	20.2

426074 2012 CX_{50} 10 14.3 219.°57 1.°0/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.44	+ 9 9.5	1.707	2.544	15.4	22.3
9 18	1 40.54	+ 8 24.5	1.622	2.536	11.8	22.1
9 28	1 33.19	+ 7 25.2	1.560	2.528	7.6	21.8
10 8	1 24.09	+ 6 16.2	1.524	2.518	2.9	21.5
10 18	1 14.21	+ 5 3.9	1.515	2.508	2.5	21.5
10 28	1 4.76	+ 3 56.6	1.535	2.497	7.3	21.7
11 7	0 56.84	+ 3 1.7	1.580	2.485	11.7	22.0
11 17	0 51.24	+ 2 24.2	1.649	2.473	15.6	22.2

191424 2003 SA_{147} 10 14.3 73.°58 3.°6/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.35	+18 51.8	2.358	3.140	13.4	19.6
9 18	1 40.64	+19 30.6	2.275	3.143	10.8	19.5
9 28	1 32.98	+19 56.8	2.213	3.147	7.9	19.3
10 8	1 23.94	+20 9.7	2.179	3.151	5.0	19.1
10 18	1 14.31	+20 9.8	2.172	3.155	3.6	19.0
10 28	1 5.00	+19 59.8	2.196	3.159	5.3	19.1
11 7	0 56.89	+19 44.0	2.247	3.163	8.1	19.3
11 17	0 50.62	+19 26.9	2.325	3.167	11.0	19.5

211795 2004 CG_{94} 10 14.3 169.°47 0.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.51	+10 3.9	2.398	3.219	12.1	21.5
9 18	1 37.53	+ 9 38.7	2.319	3.223	9.2	21.3
9 28	1 30.87	+ 9 3.8	2.263	3.226	5.9	21.1
10 8	1 23.07	+ 8 22.1	2.235	3.228	2.3	20.9
10 18	1 14.84	+ 7 37.3	2.236	3.230	1.4	20.8
10 28	1 6.98	+ 6 54.2	2.267	3.232	5.1	21.0
11 7	1 0.21	+ 6 17.2	2.327	3.233	8.4	21.3
11 17	0 55.07	+ 5 49.9	2.412	3.234	11.3	21.5

279553 2011 CF_{47} 10 14.3 256.°93 10.°0/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.82	+40 50.7	2.577	3.206	15.7	20.6
9 18	1 43.94	+42 15.0	2.481	3.200	14.3	20.5
9 28	1 35.51	+43 19.1	2.403	3.194	12.8	20.4
10 8	1 25.08	+43 58.0	2.346	3.187	11.3	20.3
10 18	1 13.56	+44 8.4	2.312	3.181	10.3	20.2
10 28	1 2.16	+43 50.2	2.302	3.175	10.1	20.2
11 7	0 52.10	+43 7.7	2.317	3.169	10.8	20.2
11 17	0 44.33	+42 7.9	2.356	3.162	12.1	20.3

142449 2002 TB 10 14.3 322.°07 2.°3/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.73	+ 5 36.2	1.777	2.631	14.2	19.9
9 18	1 35.99	+ 4 39.0	1.703	2.627	10.7	19.6
9 28	1 30.15	+ 3 31.2	1.651	2.623	6.8	19.4
10 8	1 22.85	+ 2 18.8	1.626	2.619	3.0	19.2
10 18	1 14.98	+ 1 8.8	1.628	2.616	3.6	19.2
10 28	1 7.54	+ 0 8.6	1.657	2.612	7.5	19.4
11 7	1 1.47	− 0 35.9	1.712	2.609	11.4	19.7
11 17	0 57.42	− 1 1.3	1.789	2.606	14.8	19.9

252855 2002 GS_{151} 10 14.3 165.°13 3.°5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.06	+18 4.1	1.603	2.411	17.6	20.9
9 18	1 42.74	+18 18.2	1.526	2.414	14.1	20.6
9 28	1 34.69	+18 13.4	1.470	2.417	10.0	20.4
10 8	1 24.69	+17 49.6	1.437	2.419	5.7	20.2
10 18	1 13.88	+17 9.5	1.431	2.421	3.6	20.0
10 28	1 3.62	+16 19.2	1.452	2.422	6.6	20.2
11 7	0 55.16	+15 27.0	1.500	2.423	10.8	20.5
11 17	0 49.31	+14 40.5	1.571	2.424	14.7	20.7

240236 2002 TF_{252} 10 14.3 60.°41 2.°7/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.28	+ 5 26.3	1.665	2.522	14.9	20.0
9 18	1 36.32	+ 4 11.5	1.612	2.537	11.1	19.8
9 28	1 30.26	+ 2 46.8	1.581	2.553	6.9	19.6
10 8	1 22.85	+ 1 19.4	1.576	2.569	3.2	19.5
10 18	1 15.04	− 0 2.4	1.598	2.585	4.0	19.5
10 28	1 7.86	− 1 10.8	1.648	2.601	7.9	19.8
11 7	1 2.18	− 2 0.3	1.724	2.617	11.6	20.1
11 17	0 58.57	− 2 28.5	1.821	2.633	14.8	20.3

198478 2004 XP_{38} 10 14.3 307.°47 2.°5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.95	+21 40.7	1.633	2.443	17.3	19.8
9 18	1 35.03	+20 29.7	1.542	2.431	13.9	19.6
9 28	1 29.74	+18 48.9	1.471	2.420	9.8	19.3
10 8	1 22.75	+16 41.2	1.425	2.410	5.3	19.0
10 18	1 15.05	+14 13.9	1.406	2.399	2.6	18.8
10 28	1 7.79	+11 39.5	1.416	2.389	6.3	19.0
11 7	1 2.07	+ 9 11.7	1.453	2.379	10.9	19.3
11 17	0 58.61	+ 7 2.1	1.515	2.369	15.1	19.5

369352 2009 SY_{352} 10 14.3 191.°20 0.°6/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.78	+13 40.5	2.925	3.731	10.5	21.6
9 18	1 34.48	+13 3.0	2.836	3.730	8.1	21.4
9 28	1 28.83	+12 14.7	2.771	3.728	5.3	21.2
10 8	1 22.27	+11 18.1	2.735	3.725	2.3	21.0
10 18	1 15.35	+10 16.6	2.728	3.723	1.1	20.9
10 28	1 8.70	+ 9 14.5	2.753	3.719	4.1	21.1
11 7	1 2.90	+ 8 16.5	2.806	3.716	7.0	21.3
11 17	0 58.40	+ 7 26.2	2.887	3.712	9.5	21.5

515437 2013 KW_{16} 10 14.3 90.°69 1.°3/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.38	+14 56.7	2.384	3.193	12.5	21.8
9 18	1 35.90	+14 34.6	2.314	3.207	9.7	21.6
9 28	1 29.80	+14 0.0	2.268	3.222	6.5	21.4
10 8	1 22.65	+13 15.1	2.247	3.236	3.1	21.2
10 18	1 15.15	+12 23.7	2.256	3.250	1.5	21.1
10 28	1 8.07	+11 30.5	2.295	3.264	4.6	21.4
11 7	1 2.09	+10 40.7	2.361	3.278	7.8	21.6
11 17	0 57.72	+ 9 58.5	2.454	3.291	10.6	21.8

470498 2008 CS_{55} 10 14.3 206.°81 0.°2/14.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.50	+ 9 41.6	1.683	2.518	15.7	22.3
9 18	1 41.35	+ 9 23.5	1.603	2.515	12.1	22.1
9 28	1 33.72	+ 8 52.7	1.546	2.511	7.8	21.8
10 8	1 24.32	+ 8 12.5	1.513	2.507	3.1	21.5
10 18	1 14.16	+ 7 27.7	1.508	2.502	1.9	21.4
10 28	1 4.48	+ 6 45.1	1.531	2.497	6.8	21.7
11 7	0 56.40	+ 6 10.8	1.581	2.492	11.3	22.0
11 17	0 50.69	+ 5 49.7	1.653	2.486	15.1	22.2

23834 Mukhopadhyay 10 14.3 81.°90 1.°6/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.36	+ 6 47.1	1.480	2.329	16.8	18.8
9 18	1 41.85	+ 6 12.8	1.431	2.351	12.7	18.6
9 28	1 33.84	+ 5 27.8	1.403	2.373	7.9	18.4
10 8	1 24.26	+ 4 37.8	1.401	2.395	3.1	18.1
10 18	1 14.27	+ 3 49.4	1.425	2.417	3.0	18.2
10 28	1 5.14	+ 3 9.7	1.476	2.438	7.6	18.5
11 7	0 57.89	+ 2 43.8	1.553	2.459	11.8	18.8
11 17	0 53.16	+ 2 34.5	1.652	2.479	15.4	19.1

41615 2000 SM_{149} 10 14.3 319.°87 0.°5/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.67	+ 7 58.2	1.195	2.060	19.0	18.7
9 18	1 40.98	+ 8 1.4	1.118	2.046	14.7	18.4
9 28	1 34.04	+ 7 51.9	1.061	2.032	9.6	18.1
10 8	1 24.60	+ 7 32.7	1.025	2.019	3.7	17.7
10 18	1 13.96	+ 7 9.2	1.013	2.007	2.5	17.6
10 28	1 3.79	+ 6 48.7	1.025	1.996	8.6	17.9
11 7	0 55.69	+ 6 38.2	1.061	1.985	14.2	18.2
11 17	0 50.71	+ 6 42.7	1.116	1.975	19.0	18.5

452118 2014 RP_{31} 10 14.3 341.°81 4.°6/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.07	− 1 30.7	1.945	2.809	12.8	20.6
9 18	1 34.53	− 2 43.1	1.877	2.804	9.7	20.4
9 28	1 29.13	− 3 59.5	1.833	2.800	6.6	20.2
10 8	1 22.46	− 5 12.9	1.814	2.797	4.6	20.1
10 18	1 15.29	− 6 16.3	1.823	2.793	5.8	20.2
10 28	1 8.53	− 7 3.3	1.860	2.791	8.7	20.4
11 7	1 2.98	− 7 30.3	1.921	2.788	11.9	20.6
11 17	0 59.24	− 7 36.1	2.003	2.786	14.7	20.8

364119 2006 AR_{86} 10 14.3 326.°59 6.°0/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.70	− 6 42.9	1.912	2.774	13.0	20.5
9 18	1 36.58	− 7 41.4	1.844	2.767	10.1	20.3
9 28	1 30.46	− 8 38.8	1.800	2.759	7.4	20.1
10 8	1 22.99	− 9 28.1	1.781	2.752	6.0	20.0
10 18	1 14.98	−10 2.9	1.788	2.746	7.2	20.1
10 28	1 7.40	−10 18.2	1.822	2.739	9.8	20.2
11 7	1 1.11	−10 11.9	1.880	2.733	12.8	20.4
11 17	0 56.75	− 9 44.3	1.959	2.727	15.5	20.6

21225 1995 GQ_1 10 14.3 92.°71 2.°3/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.54	+ 5 0.5	1.422	2.277	17.1	18.7
9 18	1 42.20	+ 4 28.7	1.367	2.290	12.9	18.4
9 28	1 34.21	+ 3 47.5	1.332	2.303	8.1	18.2
10 8	1 24.46	+ 3 2.8	1.322	2.316	3.4	18.0
10 18	1 14.15	+ 2 21.3	1.338	2.328	3.6	18.0
10 28	1 4.65	+ 1 50.0	1.381	2.341	8.2	18.3
11 7	0 57.08	+ 1 33.9	1.449	2.353	12.6	18.6
11 17	0 52.15	+ 1 35.2	1.538	2.365	16.4	18.9

331147 2010 WS_{45} 10 14.3 188.°03 0.°8/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.56	+ 7 25.3	2.510	3.341	11.3	21.9
9 18	1 36.02	+ 6 56.4	2.430	3.340	8.6	21.7
9 28	1 29.90	+ 6 19.8	2.373	3.340	5.4	21.5
10 8	1 22.73	+ 5 38.7	2.345	3.339	2.1	21.3
10 18	1 15.14	+ 4 57.0	2.345	3.338	1.9	21.3
10 28	1 7.87	+ 4 18.9	2.376	3.336	5.2	21.5
11 7	1 1.60	+ 3 48.3	2.434	3.335	8.3	21.7
11 17	0 56.83	+ 3 28.2	2.518	3.333	11.1	21.9

111722 2002 CF_{43} 10 14.3 159.°83 0.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.95	+ 9 16.2	2.265	3.080	12.9	20.0
9 18	1 41.73	+ 9 13.4	2.187	3.088	9.8	19.8
9 28	1 33.61	+ 9 2.1	2.133	3.094	6.3	19.6
10 8	1 24.19	+ 8 44.2	2.107	3.100	2.5	19.3
10 18	1 14.28	+ 8 23.0	2.111	3.105	1.4	19.3
10 28	1 4.81	+ 8 2.2	2.145	3.110	5.3	19.6
11 7	0 56.60	+ 7 46.0	2.208	3.114	8.8	19.8
11 17	0 50.25	+ 7 37.4	2.297	3.117	11.8	20.0

127521 2002 VK_{14} 10 14.3 299.°47 10.°4/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.73	+37 1.5	1.624	2.342	20.9	18.9
9 18	1 38.85	+37 14.4	1.503	2.304	18.8	18.7
9 28	1 32.83	+36 51.9	1.397	2.266	16.1	18.4
10 8	1 24.22	+35 46.3	1.310	2.228	13.2	18.1
10 18	1 14.13	+33 53.0	1.244	2.190	10.9	17.9
10 28	1 4.17	+31 14.8	1.203	2.151	10.7	17.7
11 7	0 55.99	+28 4.2	1.188	2.112	13.0	17.8
11 17	0 50.83	+24 39.7	1.198	2.073	16.8	17.9

184654 2005 SF_{35} 10 14.3 345.°72 1.°8/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.13	+ 5 41.2	1.863	2.714	13.8	20.6
9 18	1 36.21	+ 5 4.1	1.789	2.711	10.4	20.4
9 28	1 30.27	+ 4 18.1	1.737	2.708	6.6	20.2
10 8	1 22.93	+ 3 27.8	1.712	2.705	2.7	19.9
10 18	1 15.04	+ 2 38.9	1.713	2.703	3.0	19.9
10 28	1 7.57	+ 1 57.5	1.743	2.702	6.9	20.2
11 7	1 1.41	+ 1 28.5	1.798	2.700	10.7	20.4
11 17	0 57.20	+ 1 15.0	1.876	2.699	14.0	20.6

488341 2016 VW_{16} 10 14.3 7.°36 3.°9/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.88	+ 0 17.1	0.778	1.691	21.4	18.9
9 18	1 34.78	+ 0 33.8	0.740	1.693	16.3	18.7
9 28	1 30.10	+ 0 47.3	0.718	1.699	10.5	18.4
10 8	1 22.99	+ 1 3.9	0.714	1.708	5.0	18.1
10 18	1 15.06	+ 1 29.3	0.730	1.721	5.3	18.2
10 28	1 8.21	+ 2 8.2	0.767	1.737	10.6	18.6
11 7	1 3.89	+ 3 2.1	0.822	1.756	15.9	19.0
11 17	1 2.85	+ 4 10.2	0.896	1.778	20.4	19.3

514751 2007 DP_{118} 10 14.3 162.°27 0.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.23	+11 3.9	2.835	3.647	10.6	22.3
9 18	1 36.33	+10 45.2	2.754	3.652	8.1	22.2
9 28	1 30.02	+10 18.1	2.698	3.657	5.3	22.0
10 8	1 22.77	+ 9 44.5	2.669	3.662	2.2	21.8
10 18	1 15.16	+ 9 7.5	2.671	3.666	1.1	21.7
10 28	1 7.85	+ 8 30.7	2.704	3.669	4.3	22.0
11 7	1 1.46	+ 7 57.8	2.765	3.672	7.2	22.2
11 17	0 56.45	+ 7 32.0	2.853	3.675	9.7	22.3

41426 2000 CJ_{140} 10 14.3 303.°18 0.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 33.17	+ 7 55.2	4.321	5.144	7.1	20.1
9 18	1 29.88	+ 7 33.1	4.233	5.139	5.3	19.9
9 28	1 25.76	+ 7 6.5	4.170	5.134	3.4	19.8
10 8	1 21.07	+ 6 37.2	4.136	5.130	1.3	19.6
10 18	1 16.17	+ 6 7.1	4.132	5.125	1.0	19.6
10 28	1 11.41	+ 5 38.5	4.159	5.121	3.1	19.8
11 7	1 7.16	+ 5 13.5	4.215	5.116	5.1	19.9
11 17	1 3.70	+ 4 54.1	4.299	5.112	6.9	20.0

329149 2011 YG_{68} 10 14.3 175.°39 2.°4/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.96	+18 28.3	2.735	3.518	11.7	21.9
9 18	1 37.05	+18 25.8	2.647	3.520	9.4	21.8
9 28	1 30.56	+18 10.7	2.582	3.521	6.6	21.6
10 8	1 23.02	+17 43.8	2.544	3.522	3.9	21.4
10 18	1 15.03	+17 7.3	2.535	3.523	2.4	21.3
10 28	1 7.34	+16 24.7	2.556	3.524	4.3	21.5
11 7	1 0.62	+15 40.6	2.606	3.524	7.1	21.6
11 17	0 55.40	+14 59.4	2.683	3.523	9.7	21.8

305084 2007 UJ_{129} 10 14.3 2.°00 4.°6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.74	− 1 16.0	1.446	2.316	15.9	20.7
9 18	1 38.66	− 1 49.0	1.384	2.315	12.1	20.5
9 28	1 32.05	− 2 24.8	1.344	2.315	8.1	20.2
10 8	1 23.68	− 2 56.7	1.327	2.315	4.9	20.1
10 18	1 14.65	− 3 17.9	1.336	2.316	5.8	20.1
10 28	1 6.26	− 3 22.8	1.370	2.318	9.6	20.3
11 7	0 59.59	− 3 8.4	1.428	2.321	13.6	20.6
11 17	0 55.38	− 2 34.7	1.506	2.324	17.1	20.8

200027 2007 PM_{27} 10 14.3 11.°25 0.°5/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 32.68	+ 7 57.3	4.204	5.029	7.2	20.3
9 18	1 29.53	+ 7 24.5	4.121	5.029	5.4	20.1
9 28	1 25.53	+ 6 46.8	4.064	5.030	3.4	20.0
10 8	1 20.99	+ 6 6.3	4.036	5.030	1.3	19.8
10 18	1 16.24	+ 5 25.2	4.038	5.031	1.1	19.8
10 28	1 11.65	+ 4 46.2	4.071	5.031	3.2	20.0
11 7	1 7.58	+ 4 11.6	4.134	5.032	5.3	20.1
11 17	1 4.32	+ 3 43.4	4.223	5.033	7.0	20.3

515651 2014 OT_{41} 10 14.3 133.°05 2.°3/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.54	+ 2 35.2	2.489	3.329	11.1	22.3
9 18	1 36.66	+ 1 53.6	2.423	3.339	8.3	22.1
9 28	1 30.26	+ 1 7.6	2.382	3.350	5.3	21.9
10 8	1 22.87	+ 0 21.2	2.369	3.360	2.6	21.8
10 18	1 15.15	− 0 21.2	2.386	3.370	3.2	21.8
10 28	1 7.83	− 0 55.4	2.432	3.379	6.0	22.0
11 7	1 1.55	− 1 18.2	2.506	3.388	8.9	22.2
11 17	0 56.80	− 1 27.9	2.604	3.397	11.4	22.4

121325 1999 SU_5 10 14.3 33.°79 5.°2/13.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	2 8.67	− 6 31.8	0.920	1.779	23.7	18.4
9 18	1 59.97	− 5 25.0	0.862	1.784	18.6	18.1
9 28	1 46.47	− 4 4.9	0.822	1.788	12.5	17.8
10 8	1 29.49	− 2 27.4	0.804	1.793	6.7	17.5
10 18	1 11.28	− 0 32.9	0.812	1.799	6.3	17.5
10 28	0 54.57	+ 1 33.9	0.845	1.805	11.9	17.8
11 7	0 41.51	+ 3 46.8	0.902	1.812	17.7	18.2
11 17	0 33.17	+ 6 0.9	0.979	1.819	22.5	18.5

136370 2004 ED_{26} 10 14.3 113.°00 5.°1/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.39	− 1 35.7	1.581	2.441	15.3	20.2
9 18	1 40.35	− 2 39.7	1.525	2.451	11.6	20.0
9 28	1 32.94	− 3 46.9	1.493	2.460	7.8	19.8
10 8	1 23.98	− 4 49.3	1.486	2.470	5.2	19.7
10 18	1 14.51	− 5 39.2	1.505	2.478	6.3	19.7
10 28	1 5.74	− 6 10.2	1.551	2.487	9.7	20.0
11 7	0 58.67	− 6 19.2	1.621	2.495	13.3	20.2
11 17	0 53.94	− 6 6.1	1.712	2.504	16.5	20.4

196969 2003 UV_{58} 10 14.3 99.°32 1.°9/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.13	+15 2.8	2.384	3.187	12.7	19.8
9 18	1 38.10	+15 12.8	2.303	3.191	10.0	19.6
9 28	1 31.32	+15 11.3	2.246	3.196	6.8	19.4
10 8	1 23.34	+14 59.5	2.215	3.201	3.6	19.2
10 18	1 14.87	+14 39.3	2.214	3.205	2.0	19.1
10 28	1 6.75	+14 14.5	2.241	3.210	4.7	19.3
11 7	0 59.75	+13 49.2	2.297	3.215	7.9	19.5
11 17	0 54.45	+13 27.6	2.379	3.219	10.8	19.7

485375 2011 EU_{74} 10 14.3 259.°83 4.°2/18.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.68	+22 5.0	2.592	3.355	12.8	22.0
9 18	1 39.43	+22 37.2	2.488	3.341	10.6	21.8
9 28	1 32.30	+22 56.0	2.406	3.327	8.0	21.6
10 8	1 23.78	+23 0.4	2.351	3.313	5.5	21.4
10 18	1 14.57	+22 50.6	2.323	3.299	4.2	21.3
10 28	1 5.53	+22 29.0	2.325	3.285	5.3	21.4
11 7	0 57.49	+21 59.8	2.356	3.270	7.9	21.5
11 17	0 51.14	+21 28.0	2.413	3.255	10.6	21.6

261775 2006 BU_{97} 10 14.3 15.°15 2.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.92	+ 4 28.6	2.151	2.997	12.4	20.9
9 18	1 35.77	+ 3 50.3	2.078	2.997	9.3	20.7
9 28	1 29.86	+ 3 5.2	2.028	2.998	5.9	20.5
10 8	1 22.77	+ 2 17.6	2.006	2.999	2.6	20.3
10 18	1 15.23	+ 1 32.4	2.012	3.000	3.0	20.3
10 28	1 8.08	+ 0 54.9	2.046	3.001	6.4	20.5
11 7	1 2.07	+ 0 28.9	2.108	3.002	9.7	20.7
11 17	0 57.76	+ 0 17.0	2.193	3.004	12.6	20.9

100282 1995 BZ_7 10 14.3 333.°31 1.°4/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.64	+ 6 49.1	1.767	2.615	14.5	20.1
9 18	1 37.50	+ 6 17.1	1.692	2.612	11.0	19.9
9 28	1 31.18	+ 5 35.0	1.639	2.609	7.0	19.7
10 8	1 23.35	+ 4 47.2	1.612	2.606	2.7	19.4
10 18	1 14.90	+ 3 59.2	1.612	2.604	2.7	19.4
10 28	1 6.90	+ 3 17.6	1.640	2.602	6.9	19.7
11 7	1 0.31	+ 2 47.7	1.694	2.600	11.0	19.9
11 17	0 55.82	+ 2 33.0	1.770	2.598	14.5	20.1

104458 2000 GG_9 10 14.3 18.°28 2.°0/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.89	+ 8 35.7	1.197	2.069	18.5	18.3
9 18	1 36.15	+ 7 32.5	1.140	2.073	14.0	18.1
9 28	1 30.62	+ 6 11.8	1.103	2.078	8.8	17.8
10 8	1 23.17	+ 4 41.5	1.089	2.084	3.4	17.5
10 18	1 15.03	+ 3 12.2	1.099	2.090	3.6	17.6
10 28	1 7.64	+ 1 55.2	1.134	2.098	8.9	17.9
11 7	1 2.18	+ 0 59.3	1.191	2.106	13.8	18.2
11 17	0 59.40	+ 0 28.5	1.269	2.116	17.9	18.5

86315 1999 VU_{177} 10 14.3 32.°89 1.°0/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.87	+17 22.6	1.561	2.393	16.9	18.7
9 18	1 33.96	+16 3.8	1.504	2.411	13.1	18.5
9 28	1 28.87	+14 22.2	1.469	2.430	8.6	18.3
10 8	1 22.40	+12 23.9	1.459	2.450	3.8	18.0
10 18	1 15.52	+10 18.3	1.476	2.471	1.6	17.9
10 28	1 9.31	+ 8 16.7	1.521	2.493	6.2	18.3
11 7	1 4.65	+ 6 29.1	1.593	2.515	10.4	18.6
11 17	1 2.10	+ 5 2.4	1.689	2.537	14.1	18.9

28698 Aakshi 10 14.3 231.°62 2.°6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.67	+ 5 27.4	1.738	2.588	14.6	18.8
9 18	1 38.36	+ 4 24.8	1.659	2.581	11.1	18.5
9 28	1 31.79	+ 3 10.8	1.603	2.574	7.0	18.3
10 8	1 23.62	+ 1 51.6	1.573	2.566	3.2	18.0
10 18	1 14.78	+ 0 34.8	1.570	2.557	3.9	18.1
10 28	1 6.37	− 0 31.5	1.596	2.549	8.0	18.3
11 7	0 59.40	− 1 20.9	1.647	2.540	12.0	18.5
11 17	0 54.58	− 1 49.7	1.720	2.531	15.6	18.7

352224 2007 TZ_{63} 10 14.3 265.°36 0.°7/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.58	+ 9 9.2	1.862	2.701	14.3	21.4
9 18	1 37.37	+ 8 34.5	1.784	2.699	10.9	21.2
9 28	1 31.07	+ 7 47.8	1.729	2.697	6.9	21.0
10 8	1 23.32	+ 6 53.1	1.700	2.694	2.6	20.7
10 18	1 14.97	+ 5 55.9	1.698	2.692	2.1	20.6
10 28	1 7.06	+ 5 2.7	1.725	2.689	6.4	20.9
11 7	1 0.49	+ 4 19.6	1.778	2.687	10.4	21.2
11 17	0 55.93	+ 3 50.6	1.855	2.685	13.8	21.4

151469 2002 GX_{154} 10 14.3 239.°63 3.°6/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.15	− 0 1.1	2.315	3.166	11.4	20.2
9 18	1 35.11	− 1 8.5	2.238	3.159	8.6	20.0
9 28	1 29.43	− 2 20.6	2.185	3.153	5.7	19.8
10 8	1 22.63	− 3 31.7	2.161	3.146	3.7	19.7
10 18	1 15.37	− 4 36.0	2.165	3.138	4.6	19.8
10 28	1 8.44	− 5 27.8	2.197	3.131	7.4	19.9
11 7	1 2.53	− 6 3.4	2.256	3.124	10.4	20.1
11 17	0 58.20	− 6 20.9	2.339	3.116	13.0	20.3

476769 2008 UV_{112} 10 14.3 4.°84 2.°6/16.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.70	+15 19.5	1.174	2.029	19.8	21.6
9 18	1 36.28	+15 23.8	1.111	2.029	15.7	21.3
9 28	1 30.88	+15 6.1	1.066	2.029	10.7	21.1
10 8	1 23.36	+14 28.5	1.042	2.031	5.4	20.8
10 18	1 14.96	+13 36.2	1.041	2.035	2.8	20.6
10 28	1 7.23	+12 38.1	1.065	2.040	7.4	20.9
11 7	1 1.51	+11 44.5	1.111	2.046	12.5	21.2
11 17	0 58.65	+11 3.5	1.178	2.054	16.9	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
188429 2004 FW_{87}			10 14.3	97.°78	1.°8/12.8	16
	h m	° ′			°	m
9 8	1 44.70	+ 7 24.8	1.625	2.471	15.7	21.4
9 18	1 39.74	+ 6 28.3	1.570	2.489	11.8	21.2
9 28	1 32.52	+ 5 20.1	1.537	2.507	7.4	21.0
10 8	1 23.84	+ 4 6.6	1.530	2.524	2.9	20.7
10 18	1 14.73	+ 2 55.2	1.550	2.541	3.1	20.8
10 28	1 6.33	+ 1 53.7	1.599	2.557	7.4	21.1
11 7	0 59.58	+ 1 7.9	1.673	2.573	11.4	21.4
11 17	0 55.11	+ 0 40.9	1.769	2.589	14.8	21.6
226990 2004 XC_{59}			10 14.3	356.°92	12.°6/ 1.3	18
9 8	1 43.40	−27 32.1	1.906	2.729	14.6	19.3
9 18	1 38.70	−28 52.6	1.869	2.727	13.3	19.2
9 28	1 31.82	−29 54.1	1.853	2.725	12.6	19.2
10 8	1 23.56	−30 28.3	1.858	2.724	12.7	19.2
10 18	1 14.88	−30 29.7	1.886	2.723	13.7	19.2
10 28	1 6.88	−29 56.8	1.934	2.723	15.1	19.3
11 7	1 0.45	−28 51.9	2.001	2.723	16.7	19.5
11 17	0 56.17	−27 19.9	2.085	2.724	18.2	19.6
479858 2014 GT_{31}			10 14.3	281.°46	3.°6/11.8	18
9 8	1 47.40	− 0 40.6	1.763	2.613	14.5	21.2
9 18	1 42.02	− 0 56.3	1.679	2.599	11.1	21.0
9 28	1 34.20	− 1 14.6	1.617	2.585	7.3	20.7
10 8	1 24.61	− 1 30.4	1.581	2.570	4.1	20.5
10 18	1 14.21	− 1 38.8	1.573	2.556	4.7	20.5
10 28	1 4.20	− 1 35.1	1.593	2.541	8.4	20.7
11 7	0 55.68	− 1 16.5	1.638	2.527	12.3	20.9
11 17	0 49.44	− 0 42.1	1.706	2.513	15.9	21.1
103113 1999 XD_{178}			10 14.3	313.°50	12.°4/27.3	17
9 8	1 47.03	+42 13.1	1.929	2.582	19.8	19.7
9 18	1 42.56	+43 33.4	1.843	2.578	18.1	19.5
9 28	1 35.01	+44 26.4	1.772	2.574	16.2	19.4
10 8	1 25.06	+44 45.4	1.719	2.570	14.3	19.2
10 18	1 13.90	+44 26.4	1.686	2.566	12.9	19.1
10 28	1 3.11	+43 30.2	1.676	2.563	12.4	19.1
11 7	0 54.19	+42 3.5	1.688	2.559	13.0	19.1
11 17	0 48.20	+40 17.1	1.723	2.556	14.6	19.2
42127 2001 BT_{15}			10 14.3	94.°23	1.°0/13.3	18 R
9 8	1 41.14	+ 7 4.6	2.306	3.140	12.1	19.2
9 18	1 36.53	+ 6 36.0	2.238	3.150	9.1	19.1
9 28	1 30.28	+ 5 59.8	2.194	3.161	5.7	18.9
10 8	1 22.95	+ 5 19.4	2.177	3.171	2.2	18.6
10 18	1 15.25	+ 4 39.0	2.189	3.181	2.0	18.7
10 28	1 7.96	+ 4 3.2	2.231	3.192	5.4	18.9
11 7	1 1.79	+ 3 35.8	2.300	3.202	8.7	19.1
11 17	0 57.25	+ 3 19.6	2.394	3.212	11.5	19.3
326823 2003 TT_{55}			10 14.3	216.°98	3.°3/10.9	18
9 8	1 41.27	− 1 14.0	2.441	3.287	11.1	20.6
9 18	1 36.59	− 1 49.1	2.366	3.285	8.4	20.4
9 28	1 30.32	− 2 26.2	2.317	3.283	5.6	20.3
10 8	1 22.98	− 3 1.0	2.295	3.281	3.4	20.1
10 18	1 15.22	− 3 29.3	2.302	3.279	4.1	20.2
10 28	1 7.81	− 3 47.2	2.338	3.276	6.8	20.3
11 7	1 1.43	− 3 52.2	2.401	3.274	9.6	20.5
11 17	0 56.60	− 3 43.2	2.487	3.272	12.1	20.7
425794 2011 CZ_{92}			10 14.3	128.°58	2.°0/16.2	16
9 8	1 45.23	+16 47.4	1.833	2.641	15.7	22.5
9 18	1 40.12	+16 25.8	1.762	2.654	12.3	22.3
9 28	1 32.80	+15 46.5	1.713	2.665	8.4	22.1
10 8	1 23.99	+14 51.8	1.690	2.676	4.3	21.9
10 18	1 14.66	+13 46.3	1.694	2.687	2.2	21.7
10 28	1 5.90	+12 36.9	1.727	2.697	5.7	22.0
11 7	0 58.68	+11 31.3	1.787	2.707	9.6	22.3
11 17	0 53.64	+10 35.6	1.872	2.716	13.1	22.5
127385 2002 KT_{14}			10 14.3	62.°85	3.°7/ 9.9	18
9 8	1 37.83	+ 0 48.7	2.188	3.043	11.8	19.5
9 18	1 34.13	− 0 34.9	2.124	3.049	8.9	19.4
9 28	1 28.80	− 2 3.7	2.085	3.054	5.8	19.2
10 8	1 22.39	− 3 31.2	2.074	3.059	3.8	19.1
10 18	1 15.60	− 4 50.7	2.092	3.065	4.8	19.1
10 28	1 9.20	− 5 56.1	2.137	3.070	7.6	19.3
11 7	1 3.91	− 6 43.3	2.209	3.076	10.6	19.5
11 17	1 0.21	− 7 10.5	2.304	3.082	13.2	19.7
509937 2009 QU_{31}			10 14.3	23.°78	1.°1/14.9	18
9 8	1 42.33	+11 5.2	0.956	1.832	21.7	20.2
9 18	1 39.27	+11 14.8	0.914	1.845	16.7	19.9
9 28	1 32.82	+11 5.7	0.888	1.860	10.9	19.7
10 8	1 24.09	+10 41.3	0.882	1.876	4.6	19.4
10 18	1 14.65	+10 8.2	0.898	1.893	2.2	19.3
10 28	1 6.28	+ 9 35.3	0.938	1.913	8.2	19.7
11 7	1 0.37	+ 9 11.4	0.999	1.933	13.7	20.1
11 17	0 57.69	+ 9 1.8	1.079	1.955	18.2	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
394821 2008 SD_{74}			10 14.3	339.°87	0.°2/14.6	18
	h m	° ′			°	m
9 8	1 32.92	+11 15.9	4.059	4.873	7.7	20.8
9 18	1 29.79	+10 46.3	3.971	4.870	5.8	20.7
9 28	1 25.76	+10 10.3	3.908	4.868	3.8	20.5
10 8	1 21.16	+ 9 29.8	3.873	4.866	1.5	20.4
10 18	1 16.31	+ 8 46.9	3.869	4.864	0.8	20.3
10 28	1 11.64	+ 8 4.5	3.896	4.861	3.1	20.5
11 7	1 7.50	+ 7 25.2	3.952	4.859	5.2	20.6
11 17	1 4.22	+ 6 51.2	4.035	4.858	7.1	20.8
367588 2009 SY_{261}			10 14.3	62.°90	1.°8/16.4	18
9 8	1 38.87	+17 28.9	2.217	3.022	13.4	20.5
9 18	1 35.03	+16 55.6	2.137	3.026	10.6	20.3
9 28	1 29.43	+16 6.2	2.080	3.030	7.3	20.1
10 8	1 22.66	+15 3.1	2.049	3.035	3.7	19.9
10 18	1 15.45	+13 50.6	2.046	3.039	1.9	19.8
10 28	1 8.62	+12 34.6	2.072	3.043	4.8	20.0
11 7	1 2.94	+11 21.8	2.127	3.048	8.3	20.2
11 17	0 58.96	+10 17.9	2.207	3.052	11.4	20.4
3194 Dorsey			10 14.3	45.°84	4.°4/10.6	18 R
9 8	1 43.40	− 3 9.4	1.938	2.792	13.2	16.5
9 18	1 38.50	− 3 43.5	1.878	2.800	10.0	16.4
9 28	1 31.65	− 4 18.0	1.843	2.808	6.8	16.2
10 8	1 23.52	− 4 47.4	1.833	2.816	4.5	16.1
10 18	1 14.98	− 5 6.7	1.851	2.824	5.3	16.1
10 28	1 6.97	− 5 11.9	1.897	2.833	8.2	16.3
11 7	1 0.33	− 5 0.8	1.968	2.842	11.3	16.5
11 17	0 55.62	− 4 33.6	2.061	2.851	14.1	16.7
410892 2009 SC_{73}			10 14.3	2.°59	2.°6/16.7	18
9 8	1 43.03	+16 31.8	2.159	2.962	13.8	20.6
9 18	1 38.31	+16 45.7	2.076	2.962	11.0	20.4
9 28	1 31.63	+16 46.3	2.015	2.962	7.7	20.2
10 8	1 23.57	+16 34.1	1.980	2.962	4.3	20.0
10 18	1 14.92	+16 11.4	1.972	2.963	2.6	19.9
10 28	1 6.62	+15 41.8	1.994	2.963	5.2	20.1
11 7	0 59.54	+15 10.7	2.043	2.963	8.5	20.3
11 17	0 54.33	+14 42.9	2.117	2.964	11.7	20.5
265261 2004 EF_{94}			10 14.3	235.°89	1.°5/13.1	18
9 8	1 45.01	+ 6 51.9	1.737	2.580	15.0	21.5
9 18	1 40.23	+ 6 16.2	1.653	2.570	11.4	21.2
9 28	1 33.07	+ 5 29.4	1.592	2.561	7.3	21.0
10 8	1 24.19	+ 4 36.0	1.556	2.550	2.9	20.7
10 18	1 14.55	+ 3 41.9	1.548	2.540	2.9	20.7
10 28	1 5.30	+ 2 54.2	1.568	2.528	7.3	20.9
11 7	0 57.54	+ 2 18.9	1.614	2.517	11.6	21.2
11 17	0 52.02	+ 2 0.0	1.683	2.505	15.4	21.4
54243 2000 JG_{20}			10 14.3	189.°08	3.°3/17.6	18
9 8	1 43.34	+21 16.7	1.871	2.663	16.0	19.6
9 18	1 38.85	+20 50.3	1.786	2.663	12.9	19.3
9 28	1 32.10	+20 2.0	1.722	2.662	9.3	19.1
10 8	1 23.78	+18 52.8	1.682	2.661	5.5	18.9
10 18	1 14.81	+17 27.2	1.670	2.659	3.3	18.8
10 28	1 6.30	+15 52.4	1.686	2.657	5.8	18.9
11 7	0 59.25	+14 17.9	1.730	2.654	9.6	19.1
11 17	0 54.38	+12 52.0	1.799	2.651	13.2	19.4
441156 2007 TR_{229}			10 14.3	97.°27	1.°0/15.3	15
9 8	1 41.39	+14 46.1	1.887	2.708	14.8	21.8
9 18	1 37.15	+14 7.0	1.816	2.717	11.5	21.6
9 28	1 30.88	+13 11.4	1.767	2.726	7.6	21.4
10 8	1 23.25	+12 2.9	1.744	2.735	3.4	21.1
10 18	1 15.14	+10 46.9	1.749	2.744	1.6	21.0
10 28	1 7.54	+ 9 30.7	1.782	2.752	5.6	21.3
11 7	1 1.32	+ 8 21.6	1.843	2.761	9.5	21.6
11 17	0 57.09	+ 7 25.2	1.928	2.769	12.9	21.8
27321 2000 CR_2			10 14.3	107.°02	1.°4/13.2	18
9 8	1 46.49	+ 5 2.7	2.021	2.856	13.5	17.5
9 18	1 40.78	+ 4 51.2	1.955	2.868	10.2	17.3
9 28	1 33.08	+ 4 33.5	1.914	2.880	6.4	17.1
10 8	1 24.09	+ 4 12.9	1.899	2.892	2.6	16.9
10 18	1 14.67	+ 3 53.4	1.913	2.904	2.4	16.9
10 28	1 5.77	+ 3 39.0	1.956	2.916	6.2	17.2
11 7	0 58.26	+ 3 33.4	2.027	2.927	9.8	17.4
11 17	0 52.73	+ 3 38.5	2.122	2.938	12.8	17.6
481621 2007 UD_{80}			10 14.3	47.°29	1.°3/15.5	18
9 8	1 40.99	+14 54.9	1.774	2.600	15.5	21.3
9 18	1 37.04	+14 24.7	1.700	2.603	12.0	21.1
9 28	1 30.92	+13 37.4	1.647	2.606	8.0	20.8
10 8	1 23.30	+12 35.8	1.619	2.609	3.7	20.6
10 18	1 15.10	+11 25.4	1.618	2.612	1.7	20.4
10 28	1 7.40	+10 13.4	1.645	2.616	5.8	20.7
11 7	1 1.13	+ 9 7.7	1.698	2.619	10.0	21.0
11 17	0 56.96	+ 8 14.1	1.776	2.623	13.6	21.2

134326 2251 $T\text{-}3$ 10 14.3 34.°55 1.°3/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.79	+ 9 35.0	1.359	2.203	18.3	18.1
9 18	1 44.17	+10 16.4	1.304	2.217	14.1	17.9
9 28	1 35.65	+10 46.7	1.269	2.233	9.3	17.7
10 8	1 25.18	+11 6.7	1.257	2.249	4.1	17.4
10 18	1 14.05	+11 18.6	1.272	2.267	2.1	17.3
10 28	1 3.76	+11 26.5	1.314	2.284	7.0	17.7
11 7	0 55.56	+11 35.4	1.380	2.303	11.6	18.0
11 17	0 50.23	+11 49.4	1.469	2.322	15.6	18.3

331310 2011 FB_1 10 14.3 225.°59 3.°9/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.09	+ 2 2.8	1.653	2.511	14.9	21.1
9 18	1 38.75	+ 0 55.7	1.581	2.507	11.3	20.9
9 28	1 32.08	− 0 19.7	1.532	2.502	7.3	20.7
10 8	1 23.78	− 1 36.0	1.509	2.498	4.1	20.5
10 18	1 14.83	− 2 45.1	1.512	2.493	5.2	20.5
10 28	1 6.37	− 3 39.1	1.543	2.488	9.0	20.7
11 7	0 59.44	− 4 12.8	1.598	2.483	12.9	21.0
11 17	0 54.74	− 4 24.0	1.675	2.477	16.3	21.2

161042 2002 GO_{162} 10 14.3 75.°62 1.°9/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.75	+ 5 12.0	1.669	2.516	15.3	20.0
9 18	1 40.47	+ 4 42.0	1.616	2.535	11.5	19.8
9 28	1 32.97	+ 4 4.0	1.585	2.555	7.2	19.6
10 8	1 24.05	+ 3 23.0	1.581	2.574	3.0	19.4
10 18	1 14.72	+ 2 44.6	1.603	2.594	3.1	19.4
10 28	1 6.11	+ 2 14.7	1.654	2.613	7.2	19.7
11 7	0 59.14	+ 1 57.6	1.730	2.632	11.1	20.0
11 17	0 54.41	+ 1 55.3	1.829	2.651	14.4	20.2

29025 6710 $P\text{–}L$ 10 14.3 85.°54 1.°4/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.19	+ 7 36.4	1.898	2.741	13.9	19.0
9 18	1 36.94	+ 6 49.8	1.831	2.748	10.5	18.8
9 28	1 30.72	+ 5 52.6	1.786	2.755	6.6	18.6
10 8	1 23.19	+ 4 49.7	1.768	2.762	2.6	18.3
10 18	1 15.20	+ 3 47.2	1.778	2.769	2.6	18.3
10 28	1 7.69	+ 2 51.5	1.816	2.776	6.5	18.6
11 7	1 1.51	+ 2 8.2	1.880	2.783	10.3	18.9
11 17	0 57.26	+ 1 40.5	1.968	2.790	13.5	19.1

372830 2010 UL_{60} 10 14.3 12.°85 2.°3/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.25	+ 4 44.6	0.848	1.746	21.6	20.3
9 18	1 38.03	+ 4 39.9	0.805	1.751	16.5	20.0
9 28	1 32.23	+ 4 23.7	0.778	1.757	10.5	19.7
10 8	1 23.94	+ 4 2.7	0.770	1.766	4.2	19.4
10 18	1 14.80	+ 3 44.7	0.783	1.776	4.0	19.5
10 28	1 6.71	+ 3 38.0	0.818	1.789	10.0	19.9
11 7	1 1.18	+ 3 48.3	0.872	1.803	15.6	20.2
11 17	0 59.04	+ 4 17.2	0.945	1.819	20.3	20.6

18216 4917 $P\text{–}L$ 10 14.3 169.°49 0.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.58	+10 29.4	1.848	2.679	14.7	19.1
9 18	1 39.68	+10 8.9	1.772	2.680	11.3	18.9
9 28	1 32.58	+ 9 35.9	1.718	2.682	7.3	18.7
10 8	1 23.97	+ 8 53.8	1.690	2.683	2.9	18.4
10 18	1 14.75	+ 8 7.2	1.690	2.684	1.7	18.3
10 28	1 6.00	+ 7 22.1	1.718	2.685	6.1	18.6
11 7	0 58.69	+ 6 44.5	1.774	2.686	10.2	18.8
11 17	0 53.49	+ 6 18.6	1.853	2.686	13.7	19.1

522141 2016 AV_{247} 10 14.3 314.°24 5.°6/18.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.21	+22 28.2	2.039	2.815	15.4	21.2
9 18	1 40.52	+23 23.6	1.933	2.793	12.9	21.0
9 28	1 33.42	+24 4.3	1.849	2.771	10.0	20.8
10 8	1 24.43	+24 27.7	1.789	2.749	7.1	20.6
10 18	1 14.39	+24 32.6	1.755	2.728	5.6	20.5
10 28	1 4.45	+24 20.8	1.749	2.707	6.9	20.5
11 7	0 55.74	+23 57.2	1.769	2.687	9.9	20.6
11 17	0 49.18	+23 28.2	1.814	2.667	13.1	20.8

330218 2006 HX_6 10 14.3 265.°25 10.°8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.70	−28 15.8	2.487	3.298	12.0	20.2
9 18	1 36.40	−30 3.4	2.443	3.285	11.1	20.1
9 28	1 30.32	−31 36.5	2.422	3.272	10.8	20.1
10 8	1 23.04	−32 47.6	2.424	3.260	11.2	20.1
10 18	1 15.28	−33 31.2	2.449	3.247	12.1	20.1
10 28	1 7.89	−33 44.7	2.495	3.233	13.4	20.2
11 7	1 1.64	−33 28.6	2.559	3.220	14.8	20.3
11 17	0 57.10	−32 45.7	2.639	3.207	16.0	20.4

393111 2013 BG_6 10 14.3 7.°49 0.°6/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.16	+13 10.4	1.693	2.529	15.6	20.6
9 18	1 36.51	+12 35.5	1.619	2.529	12.1	20.4
9 28	1 30.64	+11 44.0	1.566	2.529	7.9	20.1
10 8	1 23.22	+10 39.5	1.538	2.530	3.3	19.9
10 18	1 15.19	+ 9 27.9	1.537	2.531	1.6	19.8
10 28	1 7.64	+ 8 17.0	1.563	2.533	6.2	20.1
11 7	1 1.56	+ 7 14.5	1.615	2.535	10.5	20.3
11 17	0 57.63	+ 6 26.2	1.691	2.537	14.2	20.6

45607 2000 DG_{36} 10 14.3 67.°87 5.°3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.18	− 5 14.3	2.244	3.103	11.5	19.2
9 18	1 34.34	− 6 41.4	2.190	3.112	8.8	19.1
9 28	1 28.91	− 8 8.6	2.161	3.121	6.4	18.9
10 8	1 22.45	− 9 28.9	2.160	3.130	5.3	18.9
10 18	1 15.65	−10 36.1	2.186	3.139	6.4	19.0
10 28	1 9.26	−11 25.1	2.240	3.148	8.7	19.1
11 7	1 3.97	−11 53.3	2.319	3.157	11.2	19.3
11 17	1 0.24	−12 0.5	2.419	3.166	13.5	19.5

45590 2000 CU_{101} 10 14.3 304.°48 3.°5/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.21	+ 0 34.6	2.228	3.082	11.7	18.3
9 18	1 34.49	− 0 29.5	2.153	3.076	8.8	18.1
9 28	1 29.09	− 1 38.7	2.102	3.071	5.8	17.9
10 8	1 22.56	− 2 47.2	2.078	3.065	3.6	17.8
10 18	1 15.58	− 3 49.3	2.083	3.059	4.5	17.8
10 28	1 8.92	− 4 39.2	2.116	3.054	7.4	18.0
11 7	1 3.32	− 5 12.9	2.175	3.048	10.4	18.2
11 17	0 59.32	− 5 28.7	2.257	3.043	13.1	18.4

248903 2006 UF_{358} 10 14.3 331.°45 1.°5/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.46	+13 38.5	1.827	2.652	15.1	20.7
9 18	1 38.20	+13 35.0	1.746	2.649	11.8	20.4
9 28	1 31.72	+13 17.4	1.687	2.645	7.9	20.2
10 8	1 23.66	+12 47.4	1.652	2.642	3.7	20.0
10 18	1 14.94	+12 8.6	1.645	2.639	1.8	19.8
10 28	1 6.61	+11 26.6	1.666	2.636	5.8	20.1
11 7	0 59.69	+10 47.7	1.713	2.634	9.9	20.3
11 17	0 54.88	+10 17.2	1.784	2.632	13.5	20.5

161229 2002 XK_{71} 10 14.3 265.°80 3.°2/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.25	+18 50.3	1.630	2.443	17.2	20.1
9 18	1 39.19	+18 43.6	1.545	2.435	13.8	19.9
9 28	1 32.57	+18 15.8	1.479	2.427	9.8	19.6
10 8	1 24.06	+17 27.6	1.436	2.419	5.6	19.4
10 18	1 14.69	+16 22.6	1.420	2.410	3.3	19.2
10 28	1 5.74	+15 8.1	1.430	2.402	6.4	19.4
11 7	0 58.39	+13 53.3	1.467	2.394	10.8	19.6
11 17	0 53.48	+12 46.8	1.527	2.385	14.8	19.8

181766 1997 AW_{14} 10 14.3 233.°86 2.°4/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.11	+ 4 54.3	1.771	2.617	14.6	21.4
9 18	1 40.27	+ 4 6.7	1.687	2.606	11.1	21.1
9 28	1 33.10	+ 3 9.0	1.625	2.594	7.1	20.8
10 8	1 24.23	+ 2 6.6	1.589	2.582	3.2	20.6
10 18	1 14.60	+ 1 6.1	1.581	2.569	3.7	20.6
10 28	1 5.36	+ 0 15.0	1.601	2.556	7.8	20.8
11 7	0 57.56	− 0 21.1	1.647	2.542	12.0	21.0
11 17	0 51.96	− 0 38.6	1.716	2.527	15.6	21.2

482627 2013 AK_{61} 10 14.3 359.°35 6.°4/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.09	− 6 40.0	1.669	2.531	14.5	20.9
9 18	1 39.41	− 7 31.9	1.608	2.531	11.3	20.7
9 28	1 32.43	− 8 21.7	1.570	2.530	8.2	20.6
10 8	1 23.91	− 9 2.1	1.556	2.530	6.5	20.5
10 18	1 14.83	− 9 26.3	1.569	2.530	7.6	20.5
10 28	1 6.33	− 9 29.4	1.607	2.530	10.5	20.7
11 7	0 59.40	− 9 9.8	1.670	2.531	13.7	20.9
11 17	0 54.70	− 8 28.7	1.752	2.532	16.6	21.1

33362 1999 BP_1 10 14.3 163.°17 0.°1/14.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.08	+10 15.5	1.567	2.402	16.7	19.2
9 18	1 42.70	+ 9 57.2	1.495	2.406	12.8	18.9
9 28	1 34.69	+ 9 25.1	1.445	2.410	8.3	18.7
10 8	1 24.85	+ 8 42.5	1.419	2.413	3.3	18.4
10 18	1 14.28	+ 7 54.9	1.421	2.415	1.9	18.3
10 28	1 4.33	+ 7 9.4	1.450	2.417	7.0	18.6
11 7	0 56.13	+ 6 32.8	1.506	2.419	11.6	18.9
11 17	0 50.49	+ 6 9.8	1.584	2.420	15.5	19.2

232221 2002 JF_{99} 10 14.3 215.°10 6.°9/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.00	−10 2.8	2.116	2.966	12.4	21.0
9 18	1 38.97	−11 20.4	2.049	2.959	9.9	20.9
9 28	1 32.01	−12 35.0	2.005	2.952	7.7	20.7
10 8	1 23.73	−13 39.3	1.989	2.944	6.9	20.7
10 18	1 14.94	−14 26.6	1.999	2.935	8.1	20.7
10 28	1 6.55	−14 51.8	2.036	2.926	10.4	20.8
11 7	0 59.40	−14 53.3	2.098	2.917	13.0	21.0
11 17	0 54.12	−14 31.9	2.180	2.907	15.3	21.2

122044 2000 GQ_{82} 10 14.3 90.°98 0.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.39	+10 14.4	1.331	2.179	18.4	20.4
9 18	1 42.30	+ 9 37.9	1.278	2.196	14.0	20.1
9 28	1 34.42	+ 8 45.4	1.244	2.213	8.9	19.9
10 8	1 24.70	+ 7 42.3	1.235	2.229	3.4	19.6
10 18	1 14.43	+ 6 36.4	1.252	2.246	2.3	19.6
10 28	1 5.04	+ 5 36.5	1.295	2.262	7.7	20.0
11 7	0 57.71	+ 4 50.5	1.363	2.277	12.4	20.3
11 17	0 53.13	+ 4 22.7	1.452	2.293	16.4	20.6

95650 2002 GA_{99} 10 14.3 319.°14 0.°5/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.51	+13 19.5	2.043	2.870	13.6	19.3
9 18	1 34.94	+12 36.9	1.959	2.865	10.5	19.1
9 28	1 29.51	+11 39.3	1.898	2.860	6.9	18.9
10 8	1 22.77	+10 30.1	1.862	2.855	2.9	18.6
10 18	1 15.49	+ 9 14.5	1.855	2.850	1.4	18.5
10 28	1 8.58	+ 7 59.3	1.877	2.846	5.5	18.8
11 7	1 2.84	+ 6 51.4	1.926	2.841	9.3	19.0
11 17	0 58.89	+ 5 56.1	1.999	2.837	12.7	19.2

212394 2006 JD_{7} 10 14.3 190.°98 0.°9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.54	+ 9 28.7	1.539	2.382	16.6	21.3
9 18	1 40.83	+ 8 45.6	1.465	2.382	12.7	21.1
9 28	1 33.54	+ 7 47.4	1.413	2.381	8.1	20.8
10 8	1 24.42	+ 6 39.0	1.385	2.379	3.1	20.5
10 18	1 14.57	+ 5 27.6	1.384	2.377	2.5	20.5
10 28	1 5.27	+ 4 21.8	1.411	2.375	7.5	20.8
11 7	0 57.68	+ 3 29.3	1.463	2.372	12.1	21.0
11 17	0 52.58	+ 2 55.1	1.537	2.369	16.1	21.3

240977 2006 JP_{42} 10 14.3 236.°37 0.°3/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.71	+10 55.3	1.931	2.763	14.1	21.0
9 18	1 37.50	+10 11.9	1.846	2.756	10.8	20.8
9 28	1 31.22	+ 9 14.5	1.783	2.748	7.0	20.6
10 8	1 23.48	+ 8 7.0	1.747	2.741	2.7	20.3
10 18	1 15.11	+ 6 54.9	1.739	2.733	1.8	20.2
10 28	1 7.11	+ 5 45.5	1.759	2.724	6.2	20.5
11 7	1 0.41	+ 4 45.4	1.807	2.716	10.2	20.7
11 17	0 55.67	+ 3 59.8	1.878	2.707	13.7	20.9

472402 2015 BO_{197} 10 14.3 96.°22 5.°5/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.29	− 2 12.9	1.548	2.408	15.6	22.2
9 18	1 41.00	− 3 28.4	1.503	2.428	11.8	22.0
9 28	1 33.36	− 4 46.0	1.480	2.447	8.0	21.9
10 8	1 24.24	− 5 56.9	1.483	2.465	5.6	21.8
10 18	1 14.74	− 6 53.0	1.513	2.483	6.7	21.9
10 28	1 6.05	− 7 28.1	1.570	2.501	10.0	22.1
11 7	0 59.11	− 7 39.5	1.650	2.518	13.5	22.4
11 17	0 54.54	− 7 27.9	1.751	2.535	16.4	22.6

521739 2015 RM_{272} 10 14.3 111.°16 0.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.18	+ 9 38.7	2.104	2.936	13.1	21.6
9 18	1 36.81	+ 9 6.0	2.031	2.941	10.0	21.4
9 28	1 30.62	+ 8 22.6	1.980	2.946	6.4	21.2
10 8	1 23.20	+ 7 32.0	1.956	2.950	2.4	21.0
10 18	1 15.31	+ 6 39.0	1.961	2.954	1.7	20.9
10 28	1 7.84	+ 5 49.1	1.994	2.959	5.6	21.2
11 7	1 1.57	+ 5 7.5	2.055	2.963	9.2	21.4
11 17	0 57.09	+ 4 37.9	2.140	2.967	12.3	21.7

318356 2004 TA_{331} 10 14.3 39.°41 1.°4/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.16	+15 42.3	1.977	2.796	14.3	19.8
9 18	1 35.43	+15 11.7	1.905	2.803	11.2	19.6
9 28	1 29.79	+14 25.0	1.855	2.811	7.5	19.4
10 8	1 22.88	+13 25.3	1.831	2.820	3.6	19.2
10 18	1 15.50	+12 17.2	1.834	2.828	1.7	19.1
10 28	1 8.58	+11 7.2	1.866	2.837	5.2	19.4
11 7	1 2.94	+10 2.3	1.925	2.846	9.0	19.6
11 17	0 59.14	+ 9 7.8	2.009	2.856	12.2	19.8

447570 2006 TM_{65} 10 14.3 35.°13 5.°4/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.34	+22 53.8	1.605	2.401	18.1	20.7
9 18	1 39.17	+23 21.3	1.540	2.413	14.8	20.5
9 28	1 32.47	+23 26.5	1.493	2.425	11.2	20.3
10 8	1 24.00	+23 8.6	1.469	2.437	7.5	20.1
10 18	1 14.86	+22 29.6	1.470	2.450	5.5	20.0
10 28	1 6.33	+21 35.3	1.497	2.464	6.9	20.1
11 7	0 59.52	+20 34.4	1.550	2.478	10.2	20.4
11 17	0 55.19	+19 35.4	1.626	2.492	13.6	20.6

300986 2008 FL_{1} 10 14.3 243.°15 1.°8/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.13	+ 2 46.3	3.272	4.111	8.7	21.0
9 18	1 32.41	+ 2 4.0	3.189	4.105	6.5	20.9
9 28	1 27.56	+ 1 17.8	3.132	4.099	4.2	20.7
10 8	1 21.95	+ 0 30.6	3.103	4.094	2.1	20.6
10 18	1 16.04	− 0 14.0	3.104	4.088	2.6	20.6
10 28	1 10.33	− 0 52.6	3.136	4.082	4.9	20.7
11 7	1 5.32	− 1 22.4	3.195	4.076	7.2	20.9
11 17	1 1.39	− 1 41.6	3.280	4.070	9.3	21.0

422098 2014 QC_{402} 10 14.3 18.°35 3.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.54	+17 57.8	2.085	2.880	14.5	20.4
9 18	1 40.35	+18 34.7	2.004	2.882	11.7	20.2
9 28	1 33.04	+18 58.2	1.945	2.884	8.4	20.0
10 8	1 24.22	+19 7.7	1.911	2.887	5.2	19.8
10 18	1 14.73	+19 4.0	1.904	2.890	3.5	19.7
10 28	1 5.61	+18 50.2	1.927	2.893	5.6	19.9
11 7	0 57.80	+18 31.3	1.977	2.897	8.8	20.1
11 17	0 52.01	+18 12.3	2.052	2.901	11.9	20.3

148101 1999 RD_{33} 10 14.3 54.°32 4.°5/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.67	+22 12.0	2.069	2.848	15.1	19.6
9 18	1 38.96	+22 35.9	1.990	2.854	12.4	19.4
9 28	1 32.14	+22 42.4	1.932	2.859	9.3	19.2
10 8	1 23.85	+22 30.9	1.898	2.865	6.2	19.1
10 18	1 14.95	+22 2.9	1.892	2.871	4.5	19.0
10 28	1 6.46	+21 22.3	1.913	2.877	5.9	19.1
11 7	0 59.31	+20 35.4	1.962	2.883	8.8	19.3
11 17	0 54.18	+19 48.6	2.035	2.889	11.8	19.5

405751 2005 YX_{117} 10 14.3 258.°15 1.°2/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.55	+ 6 37.2	2.323	3.159	11.9	21.8
9 18	1 36.26	+ 6 6.0	2.238	3.151	9.0	21.6
9 28	1 30.27	+ 5 26.9	2.176	3.143	5.7	21.4
10 8	1 23.08	+ 4 43.3	2.141	3.135	2.3	21.2
10 18	1 15.40	+ 3 59.4	2.136	3.127	2.2	21.2
10 28	1 8.01	+ 3 20.1	2.159	3.119	5.7	21.4
11 7	1 1.66	+ 2 49.8	2.211	3.111	9.1	21.6
11 17	0 56.93	+ 2 31.4	2.286	3.102	12.0	21.8

485211 2010 UK_{79} 10 14.3 8.°27 1.°3/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.65	+11 54.9	1.778	2.608	15.2	20.9
9 18	1 39.12	+12 9.0	1.703	2.609	11.8	20.7
9 28	1 32.33	+12 11.3	1.650	2.611	7.9	20.4
10 8	1 23.95	+12 3.2	1.622	2.613	3.6	20.2
10 18	1 14.90	+11 47.6	1.621	2.615	1.8	20.1
10 28	1 6.32	+11 29.0	1.648	2.618	5.9	20.3
11 7	0 59.19	+11 12.7	1.701	2.622	9.9	20.6
11 17	0 54.24	+11 3.0	1.778	2.626	13.5	20.8

509419 2007 EY_{46} 10 14.3 221.°84 0.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.08	+ 9 46.5	1.863	2.696	14.5	22.5
9 18	1 39.39	+ 9 12.1	1.779	2.690	11.1	22.3
9 28	1 32.49	+ 8 24.9	1.717	2.683	7.2	22.0
10 8	1 24.02	+ 7 28.5	1.681	2.675	2.8	21.8
10 18	1 14.86	+ 6 28.4	1.673	2.667	2.0	21.7
10 28	1 6.10	+ 5 31.3	1.694	2.659	6.4	22.0
11 7	0 58.71	+ 4 43.6	1.742	2.650	10.6	22.2
11 17	0 53.42	+ 4 10.1	1.813	2.641	14.2	22.4

512096 2015 OX_{22} 10 14.4 164.°43 6.°2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.18	+28 54.4	2.162	2.899	15.8	21.1
9 18	1 40.16	+29 13.3	2.076	2.902	13.4	21.0
9 28	1 32.95	+29 10.7	2.010	2.906	10.7	20.8
10 8	1 24.19	+28 44.9	1.967	2.908	8.0	20.7
10 18	1 14.78	+27 56.8	1.950	2.911	6.3	20.6
10 28	1 5.78	+26 50.5	1.961	2.913	6.8	20.6
11 7	0 58.18	+25 33.2	1.999	2.915	9.0	20.7
11 17	0 52.67	+24 13.1	2.063	2.916	11.7	20.9

398183 2010 JF_{178} 10 14.4 181.°33 3.°6/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.78	+22 2.1	2.061	2.843	15.1	21.3
9 18	1 38.27	+21 48.4	1.975	2.844	12.2	21.1
9 28	1 31.70	+21 15.0	1.910	2.844	9.0	20.9
10 8	1 23.69	+20 22.5	1.870	2.844	5.6	20.7
10 18	1 15.08	+19 14.0	1.858	2.844	3.6	20.6
10 28	1 6.89	+17 55.5	1.874	2.843	5.5	20.7
11 7	1 0.02	+16 34.8	1.919	2.842	8.8	20.9
11 17	0 55.14	+15 19.2	1.988	2.841	12.1	21.1

224089 2005 NT_{100} 10 14.4 59.°23 5.°0/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.81	+22 5.0	1.360	2.169	20.1	19.7
9 18	1 41.28	+22 15.0	1.305	2.188	16.3	19.5
9 28	1 33.89	+21 59.1	1.269	2.208	11.9	19.3
10 8	1 24.56	+21 17.5	1.254	2.228	7.5	19.1
10 18	1 14.63	+20 14.3	1.263	2.249	5.0	19.0
10 28	1 5.56	+18 58.3	1.299	2.269	7.2	19.2
11 7	0 58.58	+17 40.2	1.359	2.290	11.1	19.5
11 17	0 54.41	+16 29.8	1.443	2.310	14.9	19.7

267871 2003 WW_{152} 10 14.4 311.°43 2.°7/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.18	+13 6.7	1.233	2.097	18.5	19.3
9 18	1 33.82	+10 46.5	1.132	2.063	14.3	19.0
9 28	1 29.60	+ 7 45.6	1.053	2.028	9.1	18.6
10 8	1 23.10	+ 4 11.9	0.999	1.994	3.6	18.1
10 18	1 15.34	+ 0 22.6	0.971	1.960	5.1	18.1
10 28	1 7.81	− 3 18.5	0.971	1.927	11.4	18.4
11 7	1 1.98	− 6 29.2	0.995	1.894	17.4	18.6
11 17	0 58.94	− 8 55.5	1.038	1.863	22.6	18.8

102372 1999 TL_{144} 10 14.4 320.°90 0.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.64	+13 11.1	1.336	2.186	18.2	19.3
9 18	1 37.54	+12 27.7	1.260	2.179	14.1	19.0
9 28	1 31.68	+11 22.5	1.205	2.172	9.3	18.7
10 8	1 23.79	+10 0.0	1.172	2.166	3.8	18.4
10 18	1 15.02	+ 8 28.3	1.165	2.160	2.0	18.2
10 28	1 6.79	+ 6 58.3	1.183	2.154	7.6	18.6
11 7	1 0.36	+ 5 40.9	1.226	2.149	12.8	18.9
11 17	0 56.60	+ 4 43.6	1.290	2.144	17.2	19.1

174569 2003 NQ_{12} 10 14.4 54.°50 2.°0/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.10	+14 35.9	1.130	1.978	21.0	20.2
9 18	1 42.47	+14 29.3	1.086	2.000	16.3	20.0
9 28	1 34.69	+14 0.9	1.060	2.023	10.8	19.7
10 8	1 24.87	+13 14.1	1.055	2.045	5.1	19.5
10 18	1 14.50	+12 16.0	1.074	2.069	2.4	19.4
10 28	1 5.21	+11 16.1	1.119	2.092	7.5	19.8
11 7	0 58.28	+10 24.3	1.187	2.116	12.5	20.1
11 17	0 54.42	+ 9 47.3	1.276	2.139	16.8	20.5

523252 2017 AQ_{22} 10 14.4 186.°60 0.°9/15.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.80	+13 59.4	2.698	3.504	11.3	21.9
9 18	1 35.46	+13 34.7	2.611	3.504	8.7	21.7
9 28	1 29.65	+12 58.9	2.548	3.504	5.8	21.5
10 8	1 22.83	+12 14.2	2.513	3.503	2.7	21.3
10 18	1 15.60	+11 23.7	2.507	3.502	1.2	21.2
10 28	1 8.67	+10 31.7	2.532	3.500	4.3	21.4
11 7	1 2.65	+ 9 42.8	2.585	3.498	7.3	21.6
11 17	0 58.06	+ 9 1.0	2.664	3.497	10.0	21.8

233895 2008 YF_{49} 10 14.4 322.°40 0.°3/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.20	+10 28.4	1.557	2.402	16.3	20.8
9 18	1 38.43	+10 18.5	1.475	2.391	12.6	20.6
9 28	1 32.12	+ 9 54.9	1.414	2.381	8.2	20.3
10 8	1 23.96	+ 9 20.3	1.377	2.370	3.4	20.0
10 18	1 14.93	+ 8 39.6	1.366	2.360	1.8	19.9
10 28	1 6.31	+ 7 59.3	1.381	2.351	6.9	20.2
11 7	0 59.26	+ 7 26.5	1.422	2.342	11.6	20.4
11 17	0 54.62	+ 7 6.4	1.485	2.334	15.6	20.7

324877 2007 TZ_{362} 10 14.4 277.°29 3.°3/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.71	+ 2 40.0	1.381	2.242	17.1	21.2
9 18	1 42.10	+ 2 9.2	1.306	2.233	13.1	20.9
9 28	1 34.59	+ 1 30.3	1.252	2.224	8.4	20.6
10 8	1 24.95	+ 0 49.4	1.222	2.214	4.1	20.3
10 18	1 14.37	+ 0 13.9	1.218	2.205	4.6	20.3
10 28	1 4.32	− 0 8.9	1.239	2.196	9.3	20.6
11 7	0 56.12	− 0 13.9	1.284	2.186	14.0	20.8
11 17	0 50.69	+ 0 1.1	1.350	2.177	18.2	21.1

348735 2006 FV_{22} 10 14.4 39.°85 1.°8/13.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.01	+ 7 18.5	1.347	2.209	17.4	20.4
9 18	1 38.15	+ 6 34.1	1.298	2.226	13.1	20.2
9 28	1 31.75	+ 5 37.3	1.271	2.243	8.2	19.9
10 8	1 23.70	+ 4 34.6	1.267	2.262	3.2	19.7
10 18	1 15.17	+ 3 34.0	1.289	2.281	3.2	19.8
10 28	1 7.44	+ 2 43.7	1.336	2.300	7.9	20.1
11 7	1 1.55	+ 2 9.8	1.408	2.320	12.3	20.4
11 17	0 58.15	+ 1 55.2	1.501	2.340	16.0	20.7

441378 2008 EG_{78} 10 14.4 311.°61 1.°8/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.00	+ 5 31.1	1.948	2.794	13.4	21.4
9 18	1 36.90	+ 4 55.1	1.870	2.789	10.2	21.1
9 28	1 30.82	+ 4 10.5	1.815	2.784	6.4	20.9
10 8	1 23.35	+ 3 21.8	1.786	2.780	2.7	20.7
10 18	1 15.32	+ 2 34.4	1.785	2.775	2.9	20.7
10 28	1 7.67	+ 1 54.1	1.812	2.770	6.7	20.9
11 7	1 1.28	+ 1 25.8	1.865	2.766	10.5	21.1
11 17	0 56.78	+ 1 12.4	1.942	2.761	13.7	21.3

447447 2006 EF_{36} 10 14.4 94.°61 3.°9/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.63	− 1 17.5	2.334	3.188	11.3	21.4
9 18	1 34.70	− 2 26.0	2.269	3.191	8.5	21.2
9 28	1 29.20	− 3 37.5	2.228	3.194	5.7	21.0
10 8	1 22.66	− 4 46.3	2.215	3.197	3.9	20.9
10 18	1 15.74	− 5 46.7	2.230	3.200	4.9	21.0
10 28	1 9.19	− 6 33.7	2.274	3.203	7.5	21.2
11 7	1 3.67	− 7 4.0	2.343	3.206	10.2	21.3
11 17	0 59.68	− 7 16.3	2.436	3.209	12.7	21.5

73129 2002 GM_{71} 10 14.4 73.°14 3.°3/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.32	+ 3 13.6	1.638	2.494	15.1	19.5
9 18	1 38.69	+ 2 10.1	1.588	2.513	11.3	19.3
9 28	1 31.90	+ 0 59.5	1.562	2.532	7.2	19.1
10 8	1 23.73	− 0 11.2	1.561	2.552	3.7	18.9
10 18	1 15.17	− 1 14.5	1.587	2.571	4.5	19.0
10 28	1 7.31	− 2 3.6	1.640	2.590	8.2	19.3
11 7	1 1.05	− 2 34.1	1.719	2.609	11.8	19.6
11 17	0 56.95	− 2 44.5	1.820	2.628	15.0	19.8

517431 2014 NT_{24} 10 14.4 146.°14 3.°8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.71	+22 56.5	2.360	3.130	13.7	21.4
9 18	1 37.21	+22 50.7	2.276	3.135	11.2	21.3
9 28	1 30.90	+22 27.5	2.213	3.140	8.3	21.1
10 8	1 23.36	+21 47.2	2.176	3.144	5.4	20.9
10 18	1 15.33	+20 52.4	2.166	3.148	3.8	20.8
10 28	1 7.68	+19 47.6	2.186	3.152	5.1	20.9
11 7	1 1.18	+18 39.1	2.234	3.155	7.9	21.1
11 17	0 56.42	+17 33.2	2.308	3.159	10.7	21.3

34162 Yegnesh 10 14.4 306.°49 1.°4/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.70	+ 6 55.5	1.994	2.837	13.3	18.9
9 18	1 36.62	+ 6 18.0	1.916	2.834	10.1	18.7
9 28	1 30.62	+ 5 30.9	1.861	2.830	6.4	18.5
10 8	1 23.28	+ 4 38.5	1.833	2.827	2.5	18.2
10 18	1 15.39	+ 3 46.0	1.832	2.823	2.5	18.2
10 28	1 7.89	+ 2 59.5	1.860	2.820	6.4	18.5
11 7	1 1.61	+ 2 23.9	1.914	2.817	10.1	18.7
11 17	0 57.18	+ 2 2.6	1.992	2.814	13.3	18.9

174458 2002 XU_{109} 10 14.4 21.°22 0.°3/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.39	+ 9 33.6	1.466	2.316	16.9	19.3
9 18	1 39.24	+ 9 35.9	1.404	2.323	13.0	19.0
9 28	1 32.53	+ 9 25.8	1.363	2.330	8.4	18.8
10 8	1 24.07	+ 9 6.5	1.345	2.339	3.4	18.5
10 18	1 14.96	+ 8 42.3	1.353	2.348	1.8	18.4
10 28	1 6.49	+ 8 19.2	1.388	2.358	6.8	18.8
11 7	0 59.77	+ 8 3.0	1.447	2.369	11.3	19.1
11 17	0 55.52	+ 7 57.8	1.529	2.380	15.2	19.3

488046 2015 UU_{48} 10 14.4 57.°86 6.°9/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.27	−11 31.5	2.140	2.992	12.2	21.1
9 18	1 37.55	−12 31.0	2.086	2.997	9.8	20.9
9 28	1 31.05	−13 24.9	2.057	3.002	7.7	20.8
10 8	1 23.40	−14 6.9	2.053	3.007	6.9	20.8
10 18	1 15.37	−14 31.6	2.077	3.012	7.9	20.8
10 28	1 7.84	−14 35.6	2.126	3.017	10.0	21.0
11 7	1 1.54	−14 18.0	2.199	3.022	12.3	21.1
11 17	0 57.02	−13 40.3	2.294	3.028	14.4	21.3

123072 2000 SE_{311} 10 14.4 318.°24 8.°4/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.19	+30 5.7	1.566	2.330	19.8	18.1
9 18	1 38.11	+30 38.5	1.476	2.318	17.1	17.9
9 28	1 32.19	+30 43.1	1.403	2.305	13.9	17.6
10 8	1 24.09	+30 15.6	1.350	2.294	10.7	17.4
10 18	1 14.91	+29 15.2	1.321	2.282	8.6	17.3
10 28	1 6.10	+27 47.0	1.315	2.271	9.0	17.3
11 7	0 59.05	+26 1.5	1.335	2.261	11.6	17.4
11 17	0 54.73	+24 11.4	1.377	2.251	15.1	17.6

487858 2015 TP_{107} 10 14.4 30.°19 2.°5/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.35	+ 4 8.7	1.886	2.740	13.5	21.5
9 18	1 35.59	+ 3 17.9	1.823	2.747	10.1	21.3
9 28	1 29.92	+ 2 19.7	1.783	2.754	6.4	21.1
10 8	1 22.99	+ 1 19.4	1.769	2.762	3.0	21.0
10 18	1 15.61	+ 0 23.3	1.783	2.770	3.6	21.0
10 28	1 8.72	− 0 22.5	1.825	2.778	7.1	21.2
11 7	1 3.11	− 0 53.6	1.892	2.787	10.6	21.5
11 17	0 59.36	− 1 7.6	1.982	2.796	13.7	21.7

303050 2003 YH_{102} 10 14.4 298.°74 6.°3/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.24	− 4 37.8	1.715	2.581	14.1	20.1
9 18	1 37.52	− 5 53.6	1.630	2.556	11.0	19.9
9 28	1 31.48	− 7 12.8	1.568	2.532	7.9	19.7
10 8	1 23.72	− 8 27.1	1.532	2.507	6.3	19.5
10 18	1 15.14	− 9 27.8	1.521	2.482	7.7	19.5
10 28	1 6.84	−10 7.2	1.536	2.458	10.9	19.7
11 7	0 59.91	−10 20.9	1.574	2.433	14.5	19.8
11 17	0 55.14	−10 8.2	1.633	2.409	17.7	20.0

403446 2009 SW_{268} 10 14.4 48.°60 0.°3/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.69	+ 9 53.1	1.943	2.780	13.9	21.0
9 18	1 36.53	+ 9 23.5	1.881	2.794	10.5	20.8
9 28	1 30.48	+ 8 42.8	1.842	2.808	6.7	20.6
10 8	1 23.20	+ 7 54.7	1.829	2.822	2.6	20.3
10 18	1 15.51	+ 7 4.4	1.843	2.837	1.7	20.3
10 28	1 8.32	+ 6 17.4	1.886	2.852	5.7	20.6
11 7	1 2.44	+ 5 39.1	1.955	2.867	9.4	20.9
11 17	0 58.43	+ 5 12.9	2.049	2.883	12.6	21.1

520159 2014 CR_{25} 10 14.4 220.°82 6.°7/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.35	− 7 5.1	1.876	2.736	13.3	21.3
9 18	1 37.96	− 8 34.1	1.812	2.731	10.4	21.1
9 28	1 31.51	−10 2.7	1.771	2.727	7.8	21.0
10 8	1 23.65	−11 22.5	1.756	2.722	6.7	20.9
10 18	1 15.23	−12 25.6	1.769	2.717	8.0	21.0
10 28	1 7.27	−13 5.8	1.807	2.711	10.7	21.1
11 7	1 0.66	−13 20.4	1.870	2.705	13.6	21.3
11 17	0 56.03	−13 9.9	1.952	2.699	16.2	21.5

182094 2000 JK_{68} 10 14.4 288.°10 0.°4/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.85	+ 9 27.8	3.094	3.918	9.5	20.9
9 18	1 32.37	+ 8 47.1	2.996	3.903	7.3	20.8
9 28	1 27.65	+ 7 58.2	2.923	3.888	4.6	20.6
10 8	1 22.08	+ 7 3.8	2.878	3.872	1.8	20.4
10 18	1 16.13	+ 6 7.2	2.863	3.857	1.3	20.3
10 28	1 10.36	+ 5 12.5	2.879	3.841	4.3	20.5
11 7	1 5.31	+ 4 23.6	2.923	3.826	7.0	20.7
11 17	1 1.41	+ 3 43.6	2.993	3.810	9.5	20.8

380748 2005 SH_{139} 10 14.4 301.°85 1.°3/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.07	+ 7 26.1	1.453	2.309	16.7	21.1
9 18	1 39.32	+ 7 0.4	1.369	2.292	12.8	20.8
9 28	1 32.86	+ 6 21.7	1.305	2.276	8.3	20.5
10 8	1 24.33	+ 5 34.4	1.265	2.259	3.2	20.2
10 18	1 14.81	+ 4 44.9	1.250	2.243	2.9	20.1
10 28	1 5.66	+ 4 1.1	1.262	2.227	8.0	20.4
11 7	0 58.16	+ 3 30.2	1.298	2.212	13.0	20.7
11 17	0 53.24	+ 3 16.9	1.355	2.197	17.3	20.9

480829 1999 TG_{218} 10 14.4 346.°65 1.°0/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 32.61	+13 35.3	1.097	1.971	19.6	20.5
9 18	1 31.95	+13 11.4	1.023	1.954	15.4	20.2
9 28	1 28.38	+12 23.0	0.967	1.939	10.3	19.8
10 8	1 22.61	+11 13.8	0.932	1.926	4.5	19.5
10 18	1 15.79	+ 9 51.5	0.919	1.914	2.1	19.3
10 28	1 9.46	+ 8 28.2	0.929	1.905	8.0	19.6
11 7	1 5.02	+ 7 16.2	0.961	1.898	13.7	19.9
11 17	1 3.42	+ 6 24.6	1.012	1.893	18.6	20.2

97799 2000 NE_{23} 10 14.4 107.°73 3.°6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 48.35	+19 17.2	1.483	2.292	18.7	19.1
9 18	1 43.07	+19 16.7	1.420	2.307	15.0	18.9
9 28	1 35.01	+18 53.8	1.376	2.322	10.6	18.7
10 8	1 25.07	+18 9.6	1.355	2.337	6.1	18.5
10 18	1 14.47	+17 8.3	1.361	2.350	3.7	18.4
10 28	1 4.64	+15 57.9	1.393	2.364	6.7	18.6
11 7	0 56.77	+14 48.2	1.451	2.377	10.9	18.9
11 17	0 51.62	+13 47.4	1.533	2.389	14.8	19.1

242955 2006 SX_{14} 10 14.4 3.°77 2.°5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 40.99	+17 6.5	1.715	2.534	16.2	20.1
9 18	1 37.26	+16 58.9	1.638	2.534	12.8	19.8
9 28	1 31.23	+16 33.1	1.582	2.534	8.9	19.6
10 8	1 23.59	+15 50.5	1.549	2.535	4.8	19.4
10 18	1 15.28	+14 55.1	1.543	2.536	2.6	19.2
10 28	1 7.43	+13 53.5	1.565	2.537	5.9	19.5
11 7	1 1.06	+12 53.6	1.612	2.539	10.0	19.7
11 17	0 56.89	+12 2.1	1.683	2.541	13.7	19.9

485232 2010 VA_{48} 10 14.4 343.°92 4.°4/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.06	− 2 58.0	1.895	2.751	13.3	21.3
9 18	1 38.47	− 3 29.4	1.825	2.747	10.2	21.1
9 28	1 31.83	− 4 1.5	1.777	2.743	6.9	20.9
10 8	1 23.78	− 4 29.0	1.756	2.740	4.6	20.7
10 18	1 15.19	− 4 46.7	1.762	2.737	5.4	20.8
10 28	1 7.04	− 4 50.1	1.795	2.734	8.4	20.9
11 7	1 0.23	− 4 37.0	1.854	2.732	11.7	21.1
11 17	0 55.41	− 4 6.9	1.935	2.730	14.7	21.3

240341 2003 QE_{52} 10 14.4 327.°56 2.°2/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 42.02	+ 4 29.1	1.338	2.206	17.1	19.3
9 18	1 38.77	+ 4 18.0	1.254	2.185	13.2	19.0
9 28	1 32.64	+ 3 57.8	1.191	2.164	8.5	18.6
10 8	1 24.30	+ 3 33.2	1.150	2.144	3.6	18.3
10 18	1 14.85	+ 3 10.2	1.134	2.125	3.6	18.3
10 28	1 5.74	+ 2 55.8	1.143	2.108	8.8	18.5
11 7	0 58.36	+ 2 55.7	1.175	2.091	13.8	18.7
11 17	0 53.72	+ 3 13.2	1.227	2.075	18.3	19.0

232348 2002 VA_{60} 10 14.4 52.°82 3.°3/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 42.55	+19 51.3	1.614	2.424	17.4	19.1
9 18	1 38.35	+19 35.1	1.557	2.445	13.8	18.9
9 28	1 31.82	+18 57.2	1.520	2.467	9.8	18.7
10 8	1 23.77	+17 59.9	1.507	2.489	5.6	18.5
10 18	1 15.26	+16 48.3	1.521	2.511	3.3	18.4
10 28	1 7.45	+15 30.2	1.561	2.533	5.9	18.7
11 7	1 1.33	+14 14.7	1.628	2.556	9.8	18.9
11 17	0 57.51	+13 9.1	1.719	2.578	13.3	19.2

252821 2002 GY_{63} 10 14.4 173.°95 0.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 40.26	+10 33.1	2.704	3.523	10.9	21.6
9 18	1 35.79	+ 9 58.9	2.622	3.525	8.3	21.4
9 28	1 29.86	+ 9 15.3	2.565	3.527	5.4	21.2
10 8	1 22.96	+ 8 25.3	2.535	3.528	2.1	21.0
10 18	1 15.68	+ 7 32.4	2.535	3.529	1.3	20.9
10 28	1 8.71	+ 6 41.1	2.565	3.530	4.5	21.2
11 7	1 2.65	+ 5 55.8	2.624	3.530	7.6	21.4
11 17	0 58.01	+ 5 19.7	2.710	3.530	10.2	21.6

436138 2009 UR_{36} 10 14.4 27.°20 1.°5/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 44.54	+ 6 42.2	1.277	2.140	18.1	20.9
9 18	1 40.42	+ 6 24.1	1.218	2.145	13.8	20.7
9 28	1 33.45	+ 5 54.4	1.179	2.151	8.8	20.4
10 8	1 24.50	+ 5 18.0	1.164	2.158	3.4	20.1
10 18	1 14.83	+ 4 41.6	1.173	2.166	3.0	20.1
10 28	1 5.92	+ 4 12.7	1.208	2.174	8.2	20.5
11 7	0 58.99	+ 3 57.3	1.266	2.182	13.0	20.8
11 17	0 54.82	+ 3 58.5	1.345	2.192	17.1	21.1

311577 2006 GZ_{30} 10 14.4 140.°40 2.°5/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.46	+ 4 34.1	1.495	2.346	16.6	20.5
9 18	1 43.02	+ 3 59.8	1.432	2.353	12.6	20.3
9 28	1 34.94	+ 3 16.4	1.390	2.359	8.0	20.0
10 8	1 25.06	+ 2 29.7	1.372	2.366	3.5	19.8
10 18	1 14.52	+ 1 46.3	1.382	2.371	3.7	19.8
10 28	1 4.68	+ 1 13.3	1.419	2.377	8.2	20.1
11 7	0 56.67	+ 0 55.7	1.481	2.382	12.6	20.4
11 17	0 51.25	+ 0 55.9	1.564	2.386	16.4	20.6

249053 2007 TC_{140} 10 14.4 44.°37 5.°6/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 48.85	+19 29.1	1.032	1.869	23.3	19.8
9 18	1 44.29	+20 14.9	0.989	1.890	18.7	19.6
9 28	1 36.15	+20 33.7	0.961	1.911	13.5	19.4
10 8	1 25.58	+20 24.4	0.954	1.933	8.4	19.2
10 18	1 14.27	+19 50.2	0.969	1.956	5.6	19.1
10 28	1 4.15	+18 59.8	1.008	1.980	8.4	19.4
11 7	0 56.69	+18 5.3	1.069	2.004	12.9	19.7
11 17	0 52.71	+17 17.1	1.151	2.028	17.2	20.0

8556 Jana 10 14.4 5.°40 6.°0/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 32.67	− 1 14.2	0.959	1.866	18.8	15.3
9 18	1 31.93	− 2 1.5	0.916	1.867	14.3	15.1
9 28	1 28.21	− 2 52.5	0.892	1.871	9.6	14.8
10 8	1 22.46	− 3 36.8	0.888	1.877	6.2	14.7
10 18	1 16.01	− 4 4.9	0.905	1.887	7.5	14.8
10 28	1 10.37	− 4 9.3	0.944	1.900	11.7	15.1
11 7	1 6.76	− 3 47.2	1.002	1.915	16.0	15.4
11 17	1 5.86	− 3 0.2	1.079	1.933	19.9	15.7

142482 2002 TX_{22} 10 14.4 210.°90 0.°2/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.20	+11 39.2	1.646	2.483	15.9	20.3
9 18	1 38.98	+10 52.8	1.568	2.480	12.3	20.1
9 28	1 32.37	+ 9 49.5	1.512	2.478	7.9	19.8
10 8	1 24.07	+ 8 33.9	1.481	2.475	3.1	19.5
10 18	1 15.07	+ 7 12.7	1.477	2.471	1.9	19.4
10 28	1 6.56	+ 5 54.7	1.501	2.468	6.8	19.8
11 7	0 59.59	+ 4 48.0	1.551	2.464	11.3	20.0
11 17	0 54.92	+ 3 58.5	1.624	2.460	15.2	20.2

361517 2007 EZ_{220} 10 14.4 54.°88 1.°0/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 38.33	+ 9 40.1	2.103	2.940	12.9	20.3
9 18	1 34.67	+ 8 37.4	2.034	2.949	9.8	20.1
9 28	1 29.28	+ 7 22.9	1.990	2.957	6.1	19.9
10 8	1 22.76	+ 6 1.5	1.972	2.966	2.3	19.7
10 18	1 15.84	+ 4 39.3	1.982	2.975	2.1	19.7
10 28	1 9.34	+ 3 23.2	2.022	2.984	5.9	20.0
11 7	1 4.01	+ 2 19.0	2.089	2.993	9.4	20.2
11 17	1 0.35	+ 1 30.5	2.181	3.002	12.4	20.4

325486 2009 RN_{11} 10 14.4 45.°27 0.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 39.62	+ 9 57.9	1.923	2.762	13.9	20.6
9 18	1 35.76	+ 9 16.0	1.861	2.775	10.5	20.4
9 28	1 30.02	+ 8 22.4	1.821	2.788	6.7	20.2
10 8	1 23.06	+ 7 21.3	1.807	2.802	2.6	20.0
10 18	1 15.67	+ 6 18.3	1.822	2.815	1.8	20.0
10 28	1 8.80	+ 5 20.0	1.864	2.829	5.9	20.3
11 7	1 3.21	+ 4 32.0	1.933	2.844	9.6	20.5
11 17	0 59.47	+ 3 57.9	2.026	2.858	12.7	20.8

385845 2006 KB_3 10 14.4 200.°30 2.°9/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.41	+ 1 45.9	2.290	3.131	11.9	21.1
9 18	1 38.43	+ 0 53.4	2.210	3.127	9.0	20.9
9 28	1 31.68	− 0 4.6	2.156	3.122	5.8	20.7
10 8	1 23.72	− 1 3.0	2.129	3.117	3.2	20.5
10 18	1 15.27	− 1 56.5	2.131	3.112	3.9	20.6
10 28	1 7.17	− 2 39.9	2.162	3.105	6.9	20.8
11 7	1 0.18	− 3 9.2	2.221	3.098	10.1	20.9
11 17	0 54.88	− 3 22.5	2.304	3.091	12.9	21.1

444613 2006 VQ_1 10 14.4 312.°61 4.°8/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.05	+20 39.2	1.758	2.557	16.6	20.6
9 18	1 39.12	+21 9.8	1.662	2.540	13.7	20.3
9 28	1 32.67	+21 22.3	1.586	2.523	10.2	20.1
10 8	1 24.28	+21 15.4	1.534	2.506	6.7	19.8
10 18	1 14.90	+20 49.7	1.507	2.490	4.8	19.7
10 28	1 5.76	+20 9.3	1.507	2.474	6.7	19.8
11 7	0 58.05	+19 21.4	1.533	2.459	10.4	19.9
11 17	0 52.68	+18 33.7	1.582	2.444	14.1	20.1

381870 2010 AC_{10} 10 14.4 306.°81 15.°8/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 41.47	−26 30.6	1.447	2.295	17.2	20.3
9 18	1 38.32	−29 8.1	1.398	2.271	16.1	20.2
9 28	1 32.29	−31 27.2	1.369	2.247	15.9	20.1
10 8	1 24.13	−33 13.0	1.361	2.223	16.7	20.1
10 18	1 15.03	−34 14.3	1.372	2.200	18.3	20.1
10 28	1 6.45	−34 25.6	1.400	2.177	20.4	20.2
11 7	0 59.71	−33 48.6	1.443	2.155	22.5	20.3
11 17	0 55.71	−32 29.0	1.498	2.133	24.5	20.5

292913 2006 VM_{56} 10 14.4 290.°53 2.°0/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.07	+16 28.7	1.480	2.310	17.8	20.6
9 18	1 38.50	+16 1.5	1.399	2.303	14.0	20.3
9 28	1 32.27	+15 12.0	1.338	2.296	9.6	20.1
10 8	1 24.09	+14 2.8	1.301	2.290	4.7	19.8
10 18	1 15.06	+12 39.5	1.289	2.283	2.2	19.6
10 28	1 6.50	+11 11.5	1.304	2.276	6.7	19.9
11 7	0 59.65	+ 9 49.3	1.344	2.270	11.6	20.1
11 17	0 55.34	+ 8 41.5	1.407	2.264	15.9	20.4

445342 2010 LM_{74} 10 14.4 33.°80 4.°6/17.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.78	+19 38.4	1.532	2.343	18.1	20.5
9 18	1 40.29	+20 12.6	1.475	2.361	14.6	20.3
9 28	1 33.21	+20 26.9	1.437	2.379	10.6	20.1
10 8	1 24.38	+20 20.8	1.422	2.397	6.7	20.0
10 18	1 14.94	+19 56.6	1.432	2.417	4.6	19.9
10 28	1 6.19	+19 19.9	1.468	2.437	6.6	20.1
11 7	0 59.26	+18 38.3	1.530	2.458	10.3	20.3
11 17	0 54.84	+17 59.5	1.615	2.479	13.8	20.6

355822 2008 TY_{106} 10 14.4 309.°47 1.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 32.82	+ 4 0.6	4.173	5.008	7.1	20.9
9 18	1 29.75	+ 3 19.7	4.088	5.003	5.3	20.8
9 28	1 25.83	+ 2 35.2	4.030	4.997	3.3	20.6
10 8	1 21.35	+ 1 49.5	4.001	4.992	1.5	20.5
10 18	1 16.64	+ 1 5.2	4.002	4.987	1.9	20.5
10 28	1 12.09	+ 0 24.9	4.033	4.983	3.7	20.7
11 7	1 8.05	− 0 8.9	4.094	4.978	5.7	20.8
11 17	1 4.81	− 0 34.7	4.180	4.973	7.4	20.9

291843 2006 MZ_8 10 14.4 179.°68 5.°1/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.82	− 0 12.1	1.541	2.403	15.6	21.2
9 18	1 40.22	− 1 30.4	1.477	2.404	11.8	21.0
9 28	1 33.14	− 2 55.0	1.436	2.405	7.9	20.8
10 8	1 24.36	− 4 17.3	1.420	2.405	5.2	20.6
10 18	1 14.94	− 5 28.0	1.430	2.405	6.4	20.7
10 28	1 6.12	− 6 19.0	1.467	2.404	10.1	20.9
11 7	0 58.97	− 6 45.8	1.528	2.403	13.9	21.1
11 17	0 54.21	− 6 47.5	1.609	2.402	17.3	21.3

271907 2004 XB_7 10 14.4 319.°78 9.°3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.95	+33 45.5	1.890	2.617	18.0	20.3
9 18	1 37.03	+34 30.1	1.777	2.586	16.0	20.1
9 28	1 31.50	+34 50.0	1.682	2.555	13.6	19.9
10 8	1 23.90	+34 40.4	1.606	2.524	11.3	19.6
10 18	1 15.11	+33 58.5	1.554	2.494	9.6	19.5
10 28	1 6.42	+32 46.1	1.525	2.464	9.6	19.4
11 7	0 59.14	+31 10.4	1.521	2.435	11.4	19.4
11 17	0 54.29	+29 21.9	1.541	2.407	14.2	19.6

507374 2012 CA_{17} 10 14.4 213.°65 2.°2/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.26	+ 5 54.9	1.644	2.490	15.5	22.6
9 18	1 41.33	+ 5 6.4	1.565	2.484	11.8	22.4
9 28	1 33.91	+ 4 6.5	1.508	2.478	7.5	22.1
10 8	1 24.71	+ 3 0.7	1.477	2.471	3.2	21.8
10 18	1 14.74	+ 1 56.1	1.474	2.463	3.5	21.8
10 28	1 5.23	+ 1 0.8	1.498	2.455	8.0	22.1
11 7	0 57.32	+ 0 21.1	1.548	2.446	12.3	22.3
11 17	0 51.78	+ 0 0.6	1.620	2.437	16.1	22.6

365615 2010 UT_{30} 10 14.4 252.°04 0.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.59	+ 9 13.9	2.189	3.015	12.9	20.9
9 18	1 38.72	+ 9 8.9	2.105	3.012	9.9	20.7
9 28	1 31.95	+ 8 55.0	2.045	3.008	6.4	20.4
10 8	1 23.87	+ 8 34.6	2.012	3.005	2.6	20.2
10 18	1 15.22	+ 8 10.8	2.007	3.002	1.4	20.1
10 28	1 6.91	+ 7 47.7	2.032	2.998	5.4	20.4
11 7	0 59.78	+ 7 29.7	2.084	2.995	9.0	20.6
11 17	0 54.43	+ 7 20.1	2.161	2.991	12.1	20.8

197406 2003 YO_{42} 10 14.4 274.°02 0.°2/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.64	+11 18.7	2.669	3.487	11.1	20.9
9 18	1 35.52	+10 54.5	2.565	3.466	8.6	20.7
9 28	1 29.83	+10 20.3	2.484	3.445	5.6	20.5
10 8	1 23.03	+ 9 38.3	2.431	3.423	2.3	20.3
10 18	1 15.69	+ 8 51.7	2.407	3.402	1.2	20.1
10 28	1 8.53	+ 8 4.9	2.414	3.380	4.6	20.4
11 7	1 2.23	+ 7 22.2	2.448	3.358	7.9	20.5
11 17	0 57.34	+ 6 47.5	2.509	3.336	10.7	20.7

407451 2010 UQ_{26} 10 14.4 73.°45 2.°3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.81	+ 2 17.3	2.140	2.982	12.6	20.9
9 18	1 38.81	+ 1 58.2	2.067	2.984	9.5	20.7
9 28	1 31.96	+ 1 34.8	2.018	2.986	6.1	20.5
10 8	1 23.85	+ 1 10.9	1.996	2.987	2.9	20.3
10 18	1 15.27	+ 0 50.7	2.002	2.989	3.2	20.3
10 28	1 7.09	+ 0 38.2	2.038	2.991	6.5	20.5
11 7	1 0.13	+ 0 36.5	2.100	2.993	9.8	20.7
11 17	0 54.97	+ 0 47.2	2.186	2.994	12.8	20.9

161010 2002 EK_{46} 10 14.4 99.°79 4.°1/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.94	+20 45.6	1.900	2.684	16.1	20.3
9 18	1 42.26	+21 4.7	1.833	2.702	13.0	20.1
9 28	1 34.30	+21 5.7	1.786	2.720	9.5	20.0
10 8	1 24.80	+20 48.4	1.764	2.737	6.0	19.8
10 18	1 14.75	+20 14.9	1.770	2.754	4.1	19.7
10 28	1 5.29	+19 30.1	1.804	2.770	5.9	19.9
11 7	0 57.41	+18 41.0	1.865	2.786	9.2	20.1
11 17	0 51.77	+17 54.4	1.952	2.802	12.4	20.3

102869 1999 WN_{10} 10 14.4 300.°64 1.°9/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.75	+ 3 20.9	2.075	2.917	12.9	19.7
9 18	1 38.95	+ 3 8.5	1.991	2.908	9.8	19.5
9 28	1 32.17	+ 2 51.0	1.930	2.898	6.3	19.2
10 8	1 23.98	+ 2 31.8	1.896	2.888	2.8	19.0
10 18	1 15.18	+ 2 15.0	1.890	2.879	2.9	19.0
10 28	1 6.71	+ 2 4.7	1.912	2.870	6.5	19.2
11 7	0 59.44	+ 2 4.3	1.962	2.860	10.1	19.4
11 17	0 54.04	+ 2 16.0	2.035	2.851	13.3	19.6

48455 1991 PK_{13} 10 14.4 30.°13 5.°9/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.11	+20 10.5	1.071	1.908	22.6	18.1
9 18	1 41.47	+20 58.0	1.023	1.923	18.3	17.9
9 28	1 34.41	+21 18.9	0.990	1.938	13.4	17.7
10 8	1 24.96	+21 11.6	0.978	1.955	8.6	17.5
10 18	1 14.68	+20 38.8	0.987	1.973	5.9	17.4
10 28	1 5.38	+19 48.6	1.020	1.992	8.3	17.6
11 7	0 58.55	+18 52.7	1.076	2.012	12.7	17.9
11 17	0 55.01	+18 1.8	1.152	2.033	16.9	18.2

160226 2002 GZ_{93} 10 14.4 74.°87 2.°1/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.12	+17 52.4	1.695	2.510	16.5	20.1
9 18	1 37.99	+17 16.5	1.629	2.524	13.0	19.9
9 28	1 31.61	+16 20.1	1.584	2.537	8.9	19.7
10 8	1 23.74	+15 6.4	1.564	2.551	4.5	19.5
10 18	1 15.36	+13 41.2	1.571	2.564	2.2	19.4
10 28	1 7.60	+12 13.1	1.606	2.578	5.8	19.6
11 7	1 1.40	+10 50.9	1.667	2.591	9.9	19.9
11 17	0 57.40	+ 9 41.5	1.753	2.605	13.5	20.2

159100 2004 TU_{349} 10 14.4 162.°40 1.°6/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.70	+16 44.3	2.443	3.245	12.5	20.5
9 18	1 35.60	+16 16.0	2.359	3.246	9.8	20.4
9 28	1 29.86	+15 33.7	2.298	3.248	6.7	20.2
10 8	1 23.03	+14 39.3	2.263	3.249	3.4	20.0
10 18	1 15.76	+13 36.6	2.258	3.251	1.7	19.8
10 28	1 8.83	+12 30.5	2.282	3.252	4.5	20.0
11 7	1 2.92	+11 26.9	2.334	3.253	7.7	20.3
11 17	0 58.59	+10 30.7	2.413	3.254	10.6	20.4

76911 2000 YC_{133} 10 14.4 211.°00 4.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.97	+ 0 41.5	1.779	2.632	14.3	19.6
9 18	1 40.12	− 0 26.7	1.705	2.627	10.8	19.3
9 28	1 33.03	− 1 41.5	1.653	2.621	7.1	19.1
10 8	1 24.35	− 2 56.0	1.628	2.614	4.4	18.9
10 18	1 15.02	− 4 2.4	1.630	2.607	5.4	19.0
10 28	1 6.14	− 4 53.3	1.660	2.600	8.9	19.2
11 7	0 58.70	− 5 24.1	1.716	2.591	12.6	19.4
11 17	0 53.41	− 5 32.8	1.793	2.583	15.9	19.6

202985 1999 VC_{18} 10 14.4 318.°86 0.°7/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.28	+11 13.2	1.608	2.448	16.1	20.9
9 18	1 39.23	+11 9.0	1.527	2.439	12.5	20.7
9 28	1 32.66	+10 51.2	1.466	2.430	8.3	20.4
10 8	1 24.27	+10 22.0	1.429	2.422	3.5	20.1
10 18	1 15.04	+ 9 45.8	1.419	2.414	1.7	20.0
10 28	1 6.22	+ 9 8.6	1.435	2.406	6.6	20.3
11 7	0 58.94	+ 8 37.3	1.478	2.398	11.2	20.5
11 17	0 54.04	+ 8 16.9	1.542	2.391	15.2	20.8

177748 2005 JQ_{64} 10 14.4 274.°43 5.°8/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.52	+27 50.1	1.930	2.689	16.7	20.2
9 18	1 37.69	+27 47.9	1.838	2.682	14.1	20.0
9 28	1 31.58	+27 21.1	1.766	2.676	11.1	19.8
10 8	1 23.81	+26 28.6	1.716	2.670	8.0	19.6
10 18	1 15.32	+25 12.1	1.692	2.663	6.0	19.4
10 28	1 7.22	+23 37.6	1.695	2.657	6.7	19.5
11 7	1 0.55	+21 54.3	1.725	2.651	9.5	19.6
11 17	0 56.06	+20 11.9	1.781	2.644	12.7	19.8

113853 2002 TK_{246} 10 14.4 14.°31 2.°8/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.05	+14 2.0	1.207	2.059	19.6	18.1
9 18	1 38.78	+14 33.5	1.150	2.066	15.4	17.8
9 28	1 32.55	+14 47.2	1.113	2.075	10.6	17.6
10 8	1 24.23	+14 43.7	1.096	2.085	5.5	17.3
10 18	1 15.12	+14 26.4	1.104	2.097	3.0	17.2
10 28	1 6.76	+14 1.8	1.136	2.110	7.2	17.5
11 7	1 0.46	+13 37.8	1.191	2.125	12.0	17.8
11 17	0 57.01	+13 20.9	1.267	2.141	16.2	18.1

19017 Susanlederer 10 14.4 253.°59 0.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.32	+11 31.8	2.104	2.930	13.3	19.6
9 18	1 37.08	+11 7.7	2.022	2.927	10.3	19.4
9 28	1 30.95	+10 31.6	1.962	2.925	6.7	19.2
10 8	1 23.50	+ 9 46.2	1.929	2.922	2.8	18.9
10 18	1 15.51	+ 8 55.8	1.924	2.919	1.4	18.8
10 28	1 7.88	+ 8 6.0	1.948	2.916	5.4	19.1
11 7	1 1.44	+ 7 22.2	1.999	2.913	9.1	19.3
11 17	0 56.79	+ 6 48.7	2.075	2.910	12.4	19.5

43245 2000 BB_{15} 10 14.4 170.°50 1.°3/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.66	+ 5 16.0	2.544	3.371	11.3	19.4
9 18	1 39.17	+ 4 50.7	2.466	3.375	8.5	19.2
9 28	1 32.07	+ 4 19.6	2.413	3.379	5.4	19.0
10 8	1 23.90	+ 3 45.6	2.388	3.382	2.2	18.8
10 18	1 15.31	+ 3 12.6	2.394	3.384	2.2	18.8
10 28	1 7.07	+ 2 44.5	2.429	3.386	5.4	19.0
11 7	0 59.88	+ 2 24.6	2.494	3.387	8.5	19.2
11 17	0 54.26	+ 2 15.3	2.583	3.387	11.2	19.4

63291 2001 DU_{87} 10 14.4 262.°44 1.°4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.25	+ 2 6.8	4.409	5.243	6.7	19.9
9 18	1 30.78	+ 1 43.3	4.324	5.238	5.0	19.8
9 28	1 26.48	+ 1 17.6	4.267	5.233	3.2	19.7
10 8	1 21.64	+ 0 51.7	4.238	5.228	1.6	19.5
10 18	1 16.58	+ 0 27.6	4.239	5.223	1.9	19.6
10 28	1 11.67	+ 0 7.5	4.271	5.219	3.6	19.7
11 7	1 7.24	− 0 6.8	4.332	5.214	5.5	19.8
11 17	1 3.61	− 0 14.2	4.419	5.209	7.1	19.9

104262 2000 EY_{144} 10 14.4 358.°43 2.°6/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.82	+16 18.3	1.831	2.644	15.5	19.3
9 18	1 39.33	+16 25.8	1.751	2.644	12.3	19.1
9 28	1 32.57	+16 17.7	1.692	2.643	8.6	18.8
10 8	1 24.20	+15 54.8	1.658	2.643	4.6	18.6
10 18	1 15.13	+15 19.9	1.651	2.643	2.6	18.5
10 28	1 6.49	+14 38.3	1.672	2.643	5.7	18.7
11 7	0 59.28	+13 56.4	1.720	2.643	9.7	18.9
11 17	0 54.24	+13 20.3	1.791	2.644	13.2	19.1

363690 2004 TU_{158} 10 14.4 27.°93 2.°3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.97	+18 38.6	2.076	2.880	14.2	20.6
9 18	1 35.34	+18 8.4	1.997	2.884	11.3	20.4
9 28	1 29.83	+17 20.5	1.939	2.887	7.9	20.2
10 8	1 23.06	+16 16.9	1.907	2.890	4.3	20.0
10 18	1 15.79	+15 2.0	1.902	2.894	2.3	19.9
10 28	1 8.93	+13 42.3	1.926	2.898	5.0	20.1
11 7	1 3.29	+12 24.9	1.978	2.902	8.6	20.3
11 17	0 59.44	+11 16.4	2.055	2.906	11.8	20.5

520124 2014 AA_{60} 10 14.4 229.°83 4.°0/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.37	− 0 14.5	2.056	2.907	12.7	21.6
9 18	1 37.89	− 1 20.6	1.978	2.899	9.6	21.4
9 28	1 31.49	− 2 31.8	1.923	2.890	6.4	21.2
10 8	1 23.73	− 3 42.0	1.896	2.880	4.1	21.1
10 18	1 15.41	− 4 44.5	1.896	2.871	5.1	21.1
10 28	1 7.44	− 5 33.0	1.925	2.860	8.2	21.3
11 7	1 0.68	− 6 3.3	1.980	2.850	11.5	21.5
11 17	0 55.74	− 6 13.9	2.057	2.839	14.4	21.6

266562 2008 GJ_{62} 10 14.4 89.°97 1.°4/13.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.83	+ 8 6.2	1.553	2.399	16.3	21.0
9 18	1 40.81	+ 7 20.1	1.499	2.417	12.3	20.8
9 28	1 33.41	+ 6 21.8	1.467	2.435	7.8	20.6
10 8	1 24.47	+ 5 17.0	1.459	2.454	3.0	20.4
10 18	1 15.07	+ 4 12.9	1.479	2.471	2.7	20.4
10 28	1 6.41	+ 3 17.1	1.527	2.489	7.3	20.7
11 7	0 59.50	+ 2 35.8	1.600	2.506	11.5	21.0
11 17	0 54.96	+ 2 12.2	1.695	2.523	15.0	21.3

169058 2001 FC_{117} 10 14.4 277.°65 1.°7/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.52	+12 36.9	1.816	2.635	15.4	19.9
9 18	1 42.17	+12 57.2	1.735	2.634	12.0	19.7
9 28	1 34.43	+13 5.8	1.676	2.633	8.1	19.5
10 8	1 24.96	+13 3.4	1.642	2.631	3.9	19.2
10 18	1 14.73	+12 52.2	1.636	2.630	2.0	19.1
10 28	1 4.93	+12 36.4	1.658	2.628	5.9	19.4
11 7	0 56.62	+12 21.2	1.708	2.627	10.0	19.6
11 17	0 50.58	+12 11.3	1.781	2.625	13.7	19.8

476564 2008 QL_{21} 10 14.4 345.°40 1.°4/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.93	+15 27.1	1.210	2.067	19.3	20.1
9 18	1 34.28	+14 53.4	1.136	2.056	15.1	19.8
9 28	1 29.80	+13 54.1	1.080	2.047	10.2	19.5
10 8	1 23.23	+12 32.8	1.046	2.038	4.7	19.2
10 18	1 15.70	+10 57.3	1.036	2.031	2.1	19.0
10 28	1 8.70	+ 9 19.5	1.050	2.025	7.5	19.3
11 7	1 3.54	+ 7 52.0	1.087	2.021	12.9	19.6
11 17	1 1.10	+ 6 44.2	1.145	2.017	17.6	19.8

511365 2014 FZ_{40} 10 14.4 156.°90 0.°2/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.37	+ 9 1.9	2.469	3.286	11.9	22.0
9 18	1 39.77	+ 8 48.0	2.392	3.294	9.1	21.8
9 28	1 32.49	+ 8 25.9	2.339	3.301	5.8	21.6
10 8	1 24.09	+ 7 58.1	2.314	3.307	2.3	21.4
10 18	1 15.26	+ 7 27.8	2.319	3.313	1.4	21.3
10 28	1 6.81	+ 6 59.1	2.354	3.318	4.9	21.6
11 7	0 59.46	+ 6 35.6	2.418	3.323	8.2	21.8
11 17	0 53.75	+ 6 20.5	2.508	3.327	11.0	22.0

521781 2015 SL_{27} 10 14.4 350.°13 5.°6/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.67	− 4 14.4	1.617	2.485	14.7	20.4
9 18	1 37.78	− 4 59.4	1.552	2.480	11.3	20.2
9 28	1 31.59	− 5 44.8	1.509	2.475	7.9	20.0
10 8	1 23.81	− 6 23.5	1.490	2.471	5.7	19.9
10 18	1 15.41	− 6 48.7	1.497	2.467	6.7	19.9
10 28	1 7.52	− 6 55.1	1.529	2.464	9.9	20.1
11 7	1 1.14	− 6 40.2	1.586	2.463	13.4	20.3
11 17	0 56.97	− 6 4.5	1.663	2.461	16.6	20.5

77387 2001 FY_{148} 10 14.4 7.°24 1.°4/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.19	+ 7 47.6	2.049	2.893	13.0	19.3
9 18	1 34.68	+ 6 50.8	1.975	2.894	9.8	19.1
9 28	1 29.39	+ 5 43.3	1.925	2.894	6.2	18.9
10 8	1 22.90	+ 4 29.9	1.901	2.895	2.5	18.7
10 18	1 15.93	+ 3 16.7	1.906	2.897	2.6	18.7
10 28	1 9.35	+ 2 10.4	1.939	2.898	6.3	18.9
11 7	1 3.92	+ 1 16.5	1.998	2.900	9.8	19.2
11 17	1 0.22	+ 0 38.7	2.082	2.902	12.9	19.4

452545 2004 VB_{14} 10 14.4 18.°53 8.°3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.95	+32 5.9	1.473	2.238	20.8	18.9
9 18	1 34.72	+32 19.9	1.412	2.251	17.8	18.7
9 28	1 29.84	+32 1.1	1.367	2.266	14.5	18.6
10 8	1 23.14	+31 7.7	1.342	2.282	11.1	18.4
10 18	1 15.80	+29 42.3	1.339	2.299	8.7	18.3
10 28	1 9.16	+27 53.1	1.361	2.318	8.6	18.4
11 7	1 4.34	+25 52.3	1.408	2.338	10.8	18.6
11 17	1 2.03	+23 52.6	1.478	2.359	13.8	18.8

171449 2007 RE_{223} 10 14.4 16.°77 3.°7/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.68	+ 6 35.8	1.293	2.169	17.1	18.9
9 18	1 33.60	+ 4 43.9	1.239	2.175	12.7	18.7
9 28	1 29.03	+ 2 36.0	1.206	2.182	8.0	18.5
10 8	1 22.81	+ 0 23.0	1.197	2.190	4.0	18.3
10 18	1 16.00	− 1 41.9	1.215	2.199	5.4	18.4
10 28	1 9.85	− 3 26.2	1.257	2.209	9.8	18.7
11 7	1 5.39	− 4 41.9	1.323	2.220	14.1	18.9
11 17	1 3.27	− 5 26.1	1.409	2.232	17.8	19.2

324217 2006 BF_{39} 10 14.4 50.°11 4.°0/18.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.54	+21 32.0	2.169	2.950	14.4	20.3
9 18	1 38.06	+21 46.1	2.088	2.955	11.8	20.2
9 28	1 31.61	+21 43.5	2.029	2.959	8.7	20.0
10 8	1 23.80	+21 24.2	1.994	2.964	5.7	19.8
10 18	1 15.42	+20 49.9	1.986	2.968	4.0	19.7
10 28	1 7.41	+20 4.8	2.007	2.973	5.4	19.8
11 7	1 0.65	+19 14.9	2.055	2.978	8.4	20.0
11 17	0 55.77	+18 26.4	2.129	2.983	11.3	20.2

225043 2007 GN_{11} 10 14.4 96.°45 1.°0/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.86	+ 5 22.4	2.429	3.255	11.8	20.5
9 18	1 40.06	+ 5 18.3	2.364	3.272	8.9	20.3
9 28	1 32.62	+ 5 9.0	2.324	3.289	5.6	20.2
10 8	1 24.12	+ 4 57.0	2.312	3.305	2.2	20.0
10 18	1 15.28	+ 4 45.3	2.329	3.321	1.9	20.0
10 28	1 6.90	+ 4 37.0	2.377	3.338	5.2	20.2
11 7	0 59.66	+ 4 35.1	2.454	3.354	8.3	20.5
11 17	0 54.09	+ 4 41.3	2.556	3.369	11.0	20.7

23754 Rachnareddy 10 14.4 123.°37 1.°1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.64	+14 33.0	1.744	2.561	16.0	19.6
9 18	1 41.33	+14 1.4	1.678	2.577	12.4	19.4
9 28	1 33.74	+13 13.0	1.634	2.592	8.2	19.2
10 8	1 24.63	+12 11.0	1.616	2.606	3.7	19.0
10 18	1 15.01	+11 1.1	1.625	2.620	1.7	18.9
10 28	1 6.04	+ 9 50.7	1.664	2.633	6.0	19.2
11 7	0 58.68	+ 8 47.4	1.729	2.646	10.1	19.5
11 17	0 53.59	+ 7 57.0	1.819	2.658	13.7	19.7

292796 2006 UV_{228} 10 14.4 33.°14 3.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.19	+ 1 27.0	1.036	1.916	20.1	19.1
9 18	1 42.73	+ 1 12.9	0.995	1.931	15.2	18.9
9 28	1 35.02	+ 0 53.3	0.973	1.947	9.7	18.6
10 8	1 25.18	+ 0 35.0	0.972	1.965	4.7	18.4
10 18	1 14.76	+ 0 25.2	0.994	1.983	5.1	18.5
10 28	1 5.45	+ 0 29.7	1.041	2.002	9.9	18.8
11 7	0 58.59	+ 0 51.5	1.109	2.022	14.7	19.2
11 17	0 54.86	+ 1 30.7	1.197	2.043	18.8	19.5

311109 2004 JV_3 10 14.4 323.°33 1.°5/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.85	+ 6 47.1	1.722	2.574	14.7	20.9
9 18	1 37.16	+ 6 15.7	1.642	2.563	11.2	20.6
9 28	1 31.24	+ 5 33.7	1.583	2.553	7.1	20.4
10 8	1 23.72	+ 4 45.4	1.549	2.543	2.9	20.1
10 18	1 15.48	+ 3 56.7	1.542	2.534	2.7	20.0
10 28	1 7.63	+ 3 14.2	1.562	2.525	7.1	20.3
11 7	1 1.16	+ 2 43.7	1.608	2.517	11.3	20.5
11 17	0 56.81	+ 2 29.0	1.676	2.509	14.9	20.8

298157 2002 TA_{26} 10 14.4 351.°37 0.°9/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.61	+ 9 53.1	1.408	2.269	16.8	20.0
9 18	1 35.09	+ 9 9.5	1.337	2.263	12.9	19.8
9 28	1 30.08	+ 8 9.3	1.286	2.257	8.2	19.5
10 8	1 23.28	+ 6 57.6	1.258	2.253	3.2	19.2
10 18	1 15.74	+ 5 42.4	1.256	2.249	2.5	19.1
10 28	1 8.69	+ 4 33.1	1.279	2.247	7.6	19.4
11 7	1 3.27	+ 3 38.0	1.326	2.245	12.3	19.7
11 17	1 0.22	+ 3 2.6	1.395	2.245	16.4	20.0

72161 2000 YZ_{102} 10 14.4 146.°26 4.°7/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.76	− 6 22.8	2.781	3.628	9.9	19.4
9 18	1 35.33	− 7 37.8	2.723	3.637	7.6	19.2
9 28	1 29.55	− 8 51.9	2.691	3.645	5.6	19.1
10 8	1 22.91	−10 0.0	2.688	3.654	4.7	19.1
10 18	1 15.98	−10 57.0	2.713	3.661	5.6	19.1
10 28	1 9.37	−11 39.0	2.768	3.669	7.5	19.3
11 7	1 3.67	−12 4.1	2.848	3.676	9.7	19.4
11 17	0 59.31	−12 11.7	2.951	3.682	11.6	19.6

407113 2009 SM_{304} 10 14.4 226.°84 1.°8/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.40	+14 48.5	2.424	3.227	12.5	20.6
9 18	1 38.50	+14 54.3	2.334	3.222	9.8	20.4
9 28	1 31.82	+14 48.9	2.268	3.218	6.7	20.2
10 8	1 23.89	+14 33.2	2.228	3.213	3.5	20.0
10 18	1 15.40	+14 9.3	2.216	3.209	1.9	19.9
10 28	1 7.19	+13 41.0	2.235	3.204	4.7	20.1
11 7	1 0.05	+13 12.6	2.282	3.199	8.0	20.3
11 17	0 54.56	+12 48.3	2.354	3.194	10.9	20.5

115113 2003 SN_{38} 10 14.4 53.°12 4.°4/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.57	+22 25.8	1.740	2.534	17.0	19.7
9 18	1 38.54	+22 23.9	1.664	2.537	13.9	19.5
9 28	1 32.13	+21 59.8	1.606	2.541	10.3	19.3
10 8	1 24.06	+21 13.7	1.572	2.545	6.6	19.1
10 18	1 15.32	+20 8.7	1.565	2.549	4.4	19.0
10 28	1 7.08	+18 51.6	1.584	2.553	6.2	19.1
11 7	1 0.39	+17 31.3	1.630	2.557	9.8	19.3
11 17	0 55.98	+16 16.4	1.700	2.562	13.3	19.6

135182 2001 QT_{322} 10 14.4 93.°40 0.°0/14.7 08 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 21.33	+ 9 21.3	36.428	37.240	0.9	22.0
9 18	1 20.63	+ 9 17.2	36.341	37.241	0.7	22.0
9 28	1 19.85	+ 9 12.5	36.281	37.241	0.4	21.9
10 8	1 19.02	+ 9 7.5	36.249	37.242	0.2	21.9
10 18	1 18.16	+ 9 2.3	36.248	37.242	0.1	21.9
10 28	1 17.32	+ 8 57.1	36.276	37.243	0.4	21.9
11 7	1 16.53	+ 8 52.2	36.334	37.244	0.6	22.0
11 17	1 15.81	+ 8 47.7	36.420	37.244	0.9	22.0

246623 2008 WQ_{65} 10 14.4 195.°33 2.°1/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.06	+ 4 12.9	1.913	2.756	13.8	21.0
9 18	1 40.04	+ 3 42.8	1.837	2.755	10.5	20.8
9 28	1 32.92	+ 3 5.7	1.785	2.753	6.7	20.6
10 8	1 24.34	+ 2 25.8	1.759	2.752	2.9	20.3
10 18	1 15.17	+ 1 48.4	1.761	2.750	3.2	20.3
10 28	1 6.44	+ 1 19.0	1.792	2.748	7.0	20.6
11 7	0 59.08	+ 1 1.7	1.849	2.745	10.7	20.8
11 17	0 53.73	+ 0 59.1	1.929	2.743	14.0	21.0

77344 2001 FS_{103} 10 14.4 64.°57 5.°1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.53	+20 53.1	1.374	2.184	19.9	18.7
9 18	1 42.77	+21 18.8	1.313	2.197	16.1	18.5
9 28	1 35.04	+21 21.0	1.270	2.211	11.8	18.3
10 8	1 25.25	+20 58.7	1.250	2.225	7.5	18.1
10 18	1 14.69	+20 14.9	1.254	2.239	5.1	18.0
10 28	1 4.91	+19 16.7	1.284	2.253	7.3	18.1
11 7	0 57.21	+18 14.1	1.338	2.268	11.4	18.4
11 17	0 52.40	+17 16.5	1.416	2.282	15.2	18.7

327690 2006 RW_{93} 10 14.4 47.°24 0.°8/15.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.96	+14 35.6	1.244	2.093	19.4	20.9
9 18	1 38.54	+13 49.0	1.187	2.104	15.0	20.6
9 28	1 32.29	+12 39.5	1.150	2.116	9.8	20.4
10 8	1 24.13	+11 12.3	1.135	2.128	4.2	20.1
10 18	1 15.33	+ 9 36.5	1.146	2.141	1.9	20.0
10 28	1 7.33	+ 8 3.8	1.182	2.154	7.4	20.4
11 7	1 1.33	+ 6 44.9	1.242	2.167	12.4	20.7
11 17	0 58.04	+ 5 46.7	1.324	2.181	16.7	21.0

23411 Bayanova 10 14.4 295.°51 4.°1/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.25	+18 14.2	1.432	2.253	18.7	17.6
9 18	1 41.32	+18 37.8	1.345	2.239	15.2	17.3
9 28	1 34.39	+18 41.5	1.276	2.225	11.0	17.1
10 8	1 25.13	+18 24.1	1.229	2.210	6.5	16.8
10 18	1 14.68	+17 47.4	1.207	2.196	4.2	16.6
10 28	1 4.56	+16 57.1	1.211	2.183	7.3	16.7
11 7	0 56.22	+16 2.6	1.239	2.169	12.0	17.0
11 17	0 50.73	+15 13.1	1.290	2.156	16.4	17.2

88153 2000 XD_6 10 14.4 322.°69 4.°6/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.19	+23 21.9	2.123	2.898	14.9	18.8
9 18	1 37.94	+23 35.6	2.036	2.896	12.3	18.6
9 28	1 31.63	+23 31.1	1.969	2.893	9.3	18.4
10 8	1 23.86	+23 7.7	1.927	2.891	6.3	18.2
10 18	1 15.44	+22 27.0	1.911	2.889	4.6	18.1
10 28	1 7.36	+21 33.3	1.923	2.887	5.8	18.2
11 7	1 0.54	+20 33.2	1.962	2.885	8.7	18.4
11 17	0 55.66	+19 33.5	2.027	2.883	11.7	18.5

28513 Guo 10 14.4 59.°37 1.°7/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.45	+ 7 48.4	1.307	2.165	18.1	19.4
9 18	1 40.81	+ 7 0.9	1.263	2.188	13.6	19.2
9 28	1 33.52	+ 6 0.4	1.240	2.211	8.5	19.0
10 8	1 24.55	+ 4 53.6	1.240	2.235	3.3	18.7
10 18	1 15.15	+ 3 49.0	1.266	2.258	3.1	18.8
10 28	1 6.68	+ 2 55.1	1.319	2.282	8.0	19.2
11 7	1 0.21	+ 2 18.1	1.395	2.306	12.5	19.5
11 17	0 56.35	+ 2 0.9	1.493	2.330	16.2	19.8

452979 2007 EF_{175} 10 14.4 254.°95 0.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.22	+11 21.1	2.262	3.088	12.5	21.7
9 18	1 35.37	+10 37.1	2.179	3.086	9.6	21.5
9 28	1 29.82	+ 9 40.8	2.120	3.083	6.2	21.3
10 8	1 23.11	+ 8 35.9	2.087	3.081	2.4	21.0
10 18	1 15.92	+ 7 27.1	2.084	3.078	1.5	20.9
10 28	1 9.06	+ 6 20.4	2.109	3.075	5.2	21.2
11 7	1 3.27	+ 5 21.5	2.163	3.072	8.8	21.4
11 17	0 59.11	+ 4 34.7	2.241	3.070	11.8	21.6

145607 2006 QK_{30} 10 14.4 16.°99 5.°8/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.97	− 0 39.5	1.157	2.039	18.2	19.5
9 18	1 39.47	− 1 43.8	1.105	2.042	13.9	19.3
9 28	1 32.98	− 2 53.5	1.072	2.045	9.3	19.0
10 8	1 24.46	− 3 58.9	1.062	2.049	6.0	18.9
10 18	1 15.20	− 4 49.6	1.076	2.054	7.2	18.9
10 28	1 6.75	− 5 17.2	1.113	2.060	11.4	19.2
11 7	1 0.38	− 5 17.9	1.171	2.066	15.8	19.5
11 17	0 56.85	− 4 52.2	1.249	2.073	19.6	19.8

472058 2013 YS_{62} 10 14.4 338.°33 3.°2/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.09	+ 4 56.2	1.189	2.068	18.1	20.6
9 18	1 36.70	+ 4 8.4	1.119	2.056	13.8	20.3
9 28	1 31.38	+ 3 7.1	1.068	2.044	8.8	20.0
10 8	1 23.91	+ 1 59.7	1.040	2.034	4.0	19.7
10 18	1 15.47	+ 0 55.7	1.035	2.024	4.7	19.7
10 28	1 7.55	+ 0 5.5	1.054	2.016	9.8	20.0
11 7	1 1.52	− 0 23.4	1.095	2.009	14.9	20.2
11 17	0 58.27	− 0 27.3	1.155	2.003	19.3	20.5

267999 2004 HR_{72} 10 14.4 163.°57 1.°2/13.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.61	+ 7 52.3	1.843	2.679	14.5	22.3
9 18	1 40.53	+ 7 15.0	1.770	2.683	11.1	22.1
9 28	1 33.27	+ 6 26.8	1.720	2.687	7.0	21.8
10 8	1 24.52	+ 5 32.2	1.696	2.690	2.7	21.6
10 18	1 15.20	+ 4 36.6	1.701	2.693	2.4	21.6
10 28	1 6.38	+ 3 46.8	1.734	2.696	6.6	21.8
11 7	0 59.00	+ 3 8.3	1.794	2.697	10.6	22.1
11 17	0 53.73	+ 2 44.6	1.877	2.699	14.0	22.3

355618 2008 DZ_{38} 10 14.4 126.°47 0.°8/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.45	+ 8 27.0	2.514	3.340	11.4	21.5
9 18	1 36.76	+ 7 46.2	2.445	3.353	8.6	21.4
9 28	1 30.55	+ 6 56.9	2.401	3.366	5.5	21.2
10 8	1 23.37	+ 6 2.8	2.385	3.378	2.1	21.0
10 18	1 15.85	+ 5 8.1	2.398	3.391	1.8	21.0
10 28	1 8.71	+ 4 17.6	2.442	3.402	5.0	21.2
11 7	1 2.61	+ 3 35.4	2.513	3.414	8.1	21.4
11 17	0 58.01	+ 3 4.5	2.611	3.424	10.8	21.6

515306 2012 VD_{22} 10 14.4 284.°16 0.°6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.30	+ 9 0.5	1.704	2.546	15.3	22.1
9 18	1 39.12	+ 8 36.2	1.620	2.536	11.7	21.9
9 28	1 32.58	+ 7 59.3	1.558	2.525	7.6	21.6
10 8	1 24.32	+ 7 13.6	1.521	2.515	3.0	21.3
10 18	1 15.28	+ 6 24.4	1.511	2.505	2.1	21.2
10 28	1 6.61	+ 5 38.3	1.528	2.494	6.8	21.5
11 7	0 59.39	+ 5 1.8	1.571	2.484	11.2	21.8
11 17	0 54.41	+ 4 39.6	1.637	2.474	15.0	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
303522	2005 EX_{219}		10 14.4	193.°24	3.°3/18.1	18
	h m	° ′			°	m
9 8	1 42.76	+21 35.4	2.231	3.010	14.2	21.0
9 18	1 38.21	+21 18.4	2.141	3.009	11.5	20.9
9 28	1 31.73	+20 43.0	2.073	3.007	8.4	20.7
10 8	1 23.91	+19 50.2	2.030	3.004	5.1	20.5
10 18	1 15.53	+18 42.7	2.015	3.002	3.3	20.3
10 28	1 7.50	+17 26.3	2.030	2.999	5.1	20.4
11 7	1 0.68	+16 7.9	2.073	2.995	8.3	20.6
11 17	0 55.69	+14 54.5	2.142	2.991	11.5	20.8
48939	1998 QO_8		10 14.4	20.°39	5.°8/10.3	18
9 8	1 40.94	+ 0 1.1	1.141	2.026	18.2	17.9
9 18	1 37.90	− 1 15.2	1.092	2.031	13.8	17.6
9 28	1 31.96	− 2 38.3	1.063	2.037	9.2	17.4
10 8	1 24.06	− 3 57.2	1.057	2.044	5.9	17.2
10 18	1 15.48	− 5 0.9	1.074	2.052	7.3	17.3
10 28	1 7.73	− 5 40.4	1.114	2.061	11.4	17.6
11 7	1 2.00	− 5 51.5	1.176	2.070	15.7	17.9
11 17	0 59.03	− 5 34.5	1.257	2.081	19.5	18.2
121365	1999 TB_{65}		10 14.4	121.°61	0.°4/14.1	18
9 8	1 43.76	+10 13.3	1.890	2.721	14.4	20.6
9 18	1 39.03	+ 9 36.4	1.821	2.731	11.0	20.4
9 28	1 32.25	+ 8 47.2	1.775	2.740	7.0	20.2
10 8	1 24.09	+ 7 49.5	1.755	2.749	2.7	19.9
10 18	1 15.45	+ 6 49.0	1.764	2.758	1.8	19.9
10 28	1 7.32	+ 5 52.2	1.801	2.766	6.0	20.2
11 7	1 0.58	+ 5 4.9	1.865	2.774	9.9	20.4
11 17	0 55.85	+ 4 31.3	1.953	2.782	13.3	20.6
123993	2001 FK_{64}		10 14.4	50.°24	5.°2/ 7.8	18
9 8	1 37.78	− 1 41.8	2.029	2.891	12.4	18.7
9 18	1 34.30	− 3 46.9	1.977	2.903	9.3	18.5
9 28	1 29.12	− 5 55.8	1.950	2.915	6.5	18.4
10 8	1 22.82	− 7 59.3	1.952	2.927	5.2	18.3
10 18	1 16.16	− 9 48.9	1.982	2.939	6.6	18.4
10 28	1 9.95	−11 17.1	2.041	2.952	9.3	18.6
11 7	1 4.91	−12 20.2	2.124	2.965	12.0	18.8
11 17	1 1.54	−12 57.3	2.229	2.977	14.4	19.0
42161	2001 BJ_{74}		10 14.4	114.°37	0.°1/14.5	18
9 8	1 41.10	+10 39.9	2.467	3.287	11.8	19.8
9 18	1 36.57	+10 12.3	2.395	3.298	9.0	19.6
9 28	1 30.47	+ 9 35.0	2.347	3.309	5.8	19.4
10 8	1 23.35	+ 8 51.0	2.326	3.319	2.3	19.2
10 18	1 15.86	+ 8 4.0	2.334	3.329	1.3	19.1
10 28	1 8.75	+ 7 18.7	2.373	3.339	4.7	19.4
11 7	1 2.67	+ 6 39.2	2.439	3.348	7.9	19.6
11 17	0 58.12	+ 6 9.1	2.532	3.358	10.7	19.8
50382	2000 CH_{89}		10 14.4	75.°85	2.°7/12.2	18
9 8	1 44.22	+ 2 50.2	1.820	2.670	14.1	18.5
9 18	1 39.39	+ 2 16.3	1.759	2.679	10.6	18.3
9 28	1 32.47	+ 1 36.5	1.720	2.689	6.8	18.1
10 8	1 24.18	+ 0 56.0	1.707	2.699	3.3	17.9
10 18	1 15.42	+ 0 20.2	1.722	2.708	3.7	18.0
10 28	1 7.20	− 0 5.6	1.765	2.718	7.3	18.2
11 7	1 0.43	− 0 17.6	1.833	2.728	10.9	18.5
11 17	0 55.70	− 0 14.1	1.925	2.737	14.1	18.7
514564	2017 XC_{59}		10 14.4	244.°03	13.°5/28.6	18
9 8	1 47.46	−26 40.1	1.806	2.629	15.3	21.7
9 18	1 42.33	−28 48.7	1.756	2.613	14.1	21.6
9 28	1 34.64	−30 40.4	1.729	2.598	13.5	21.5
10 8	1 25.13	−32 3.7	1.724	2.581	14.0	21.5
10 18	1 14.88	−32 50.2	1.741	2.564	15.3	21.6
10 28	1 5.16	−32 55.7	1.777	2.546	17.0	21.7
11 7	0 57.11	−32 21.9	1.831	2.528	18.9	21.8
11 17	0 51.50	−31 13.6	1.900	2.509	20.5	21.9
482601	2012 XO_{152}		10 14.4	279.°92	7.°3/21.0	18
9 8	1 44.45	+29 11.0	1.954	2.699	17.0	21.5
9 18	1 40.24	+29 45.3	1.849	2.679	14.6	21.3
9 28	1 33.50	+29 57.4	1.763	2.659	11.9	21.1
10 8	1 24.78	+29 43.9	1.699	2.639	9.2	20.9
10 18	1 15.02	+29 3.9	1.660	2.619	7.4	20.7
10 28	1 5.44	+28 0.5	1.647	2.598	7.9	20.7
11 7	0 57.25	+26 41.1	1.660	2.577	10.4	20.8
11 17	0 51.39	+25 15.1	1.698	2.557	13.5	21.0
402499	2006 DJ_{26}		10 14.4	354.°74	4.°2/18.7	18
9 8	1 43.17	+22 7.2	2.287	3.061	14.0	20.9
9 18	1 38.55	+22 29.1	2.200	3.061	11.5	20.7
9 28	1 31.99	+22 35.1	2.135	3.060	8.6	20.6
10 8	1 24.05	+22 24.8	2.094	3.060	5.8	20.4
10 18	1 15.50	+21 59.4	2.081	3.060	4.2	20.3
10 28	1 7.27	+21 22.2	2.096	3.060	5.5	20.4
11 7	1 0.21	+20 38.9	2.139	3.060	8.2	20.6
11 17	0 54.96	+19 55.0	2.208	3.060	11.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
29862	Savannahjoy		10 14.4	225.°23	1.°4/15.7	18
	h m	° ′			°	m
9 8	1 43.42	+15 24.3	1.870	2.686	15.2	19.1
9 18	1 39.05	+14 53.5	1.782	2.679	11.9	18.9
9 28	1 32.46	+14 5.2	1.716	2.672	8.0	18.7
10 8	1 24.29	+13 1.7	1.675	2.664	3.8	18.4
10 18	1 15.41	+11 48.0	1.662	2.657	1.7	18.2
10 28	1 6.90	+10 31.2	1.678	2.648	5.8	18.5
11 7	0 59.77	+ 9 19.3	1.721	2.640	10.0	18.7
11 17	0 54.74	+ 8 19.0	1.788	2.631	13.7	18.9
168382	1997 MC_6		10 14.4	91.°96	2.°8/11.5	18
9 8	1 40.13	+ 5 8.6	1.859	2.711	13.8	20.1
9 18	1 36.34	+ 3 49.1	1.790	2.713	10.3	19.9
9 28	1 30.58	+ 2 19.3	1.746	2.716	6.5	19.7
10 8	1 23.48	+ 0 46.0	1.727	2.719	3.2	19.5
10 18	1 15.89	− 0 43.0	1.737	2.722	4.0	19.5
10 28	1 8.75	− 1 59.6	1.775	2.725	7.6	19.8
11 7	1 2.92	− 2 58.1	1.839	2.727	11.3	20.0
11 17	0 59.00	− 3 35.4	1.926	2.730	14.4	20.2
471904	2013 CF_{11}		10 14.4	230.°47	4.°0/ 5.9	18
9 8	1 33.68	−12 57.0	4.560	5.399	6.4	21.6
9 18	1 30.39	−13 46.1	4.496	5.395	5.2	21.6
9 28	1 26.30	−14 32.1	4.458	5.392	4.3	21.5
10 8	1 21.69	−15 12.0	4.449	5.388	4.0	21.5
10 18	1 16.88	−15 43.4	4.468	5.384	4.6	21.5
10 28	1 12.22	−16 4.3	4.515	5.379	5.7	21.6
11 7	1 8.04	−16 13.7	4.588	5.375	6.9	21.7
11 17	1 4.64	−16 11.4	4.683	5.371	8.1	21.8
490287	2008 YX_{117}		10 14.4	322.°80	3.°7/16.9	16
9 8	1 40.49	+16 55.3	1.358	2.196	18.7	21.5
9 18	1 37.94	+17 17.2	1.262	2.167	15.1	21.2
9 28	1 32.43	+17 19.6	1.184	2.139	10.9	20.9
10 8	1 24.50	+17 1.5	1.127	2.112	6.3	20.6
10 18	1 15.21	+16 24.6	1.094	2.086	3.8	20.3
10 28	1 6.07	+15 34.8	1.086	2.060	7.5	20.5
11 7	0 58.59	+14 41.6	1.101	2.036	12.6	20.7
11 17	0 53.95	+13 54.4	1.137	2.013	17.5	20.9
519509	2012 FS_{26}		10 14.4	172.°66	1.°7/12.1	18
9 8	1 38.91	+ 5 24.0	2.789	3.623	10.2	22.5
9 18	1 34.78	+ 4 23.9	2.712	3.625	7.7	22.3
9 28	1 29.30	+ 3 17.1	2.660	3.627	4.8	22.1
10 8	1 22.92	+ 2 7.6	2.637	3.629	2.2	22.0
10 18	1 16.20	+ 0 59.9	2.644	3.630	2.6	22.0
10 28	1 9.76	− 0 1.1	2.681	3.631	5.3	22.2
11 7	1 4.19	− 0 51.4	2.746	3.632	8.1	22.4
11 17	0 59.93	− 1 28.6	2.837	3.632	10.5	22.5
451198	2009 UA_7		10 14.4	60.°17	1.°1/13.3	18
9 8	1 41.42	+ 7 16.3	2.040	2.879	13.2	21.5
9 18	1 37.06	+ 6 42.4	1.979	2.894	9.9	21.3
9 28	1 30.91	+ 5 59.7	1.941	2.909	6.3	21.1
10 8	1 23.58	+ 5 12.5	1.929	2.923	2.5	20.9
10 18	1 15.86	+ 4 25.6	1.946	2.938	2.2	20.9
10 28	1 8.63	+ 3 44.4	1.992	2.954	5.9	21.2
11 7	1 2.65	+ 3 13.3	2.064	2.969	9.4	21.5
11 17	0 58.46	+ 2 55.1	2.161	2.984	12.4	21.7
521256	2015 HS_{191}		10 14.5	183.°62	4.°4/10.5	18
9 8	1 44.81	− 0 43.8	1.838	2.691	13.9	22.0
9 18	1 39.93	− 1 45.7	1.770	2.691	10.5	21.8
9 28	1 32.91	− 2 51.9	1.725	2.692	7.0	21.6
10 8	1 24.43	− 3 55.7	1.706	2.691	4.5	21.4
10 18	1 15.39	− 4 50.0	1.716	2.690	5.5	21.5
10 28	1 6.84	− 5 28.7	1.752	2.689	8.7	21.7
11 7	0 59.69	− 5 47.9	1.814	2.688	12.2	21.9
11 17	0 54.62	− 5 46.7	1.898	2.685	15.2	22.1
293421	2007 EV_{111}		10 14.5	98.°07	1.°9/12.2	18
9 8	1 39.08	+ 5 54.0	2.290	3.132	11.9	20.6
9 18	1 35.17	+ 4 51.2	2.220	3.138	8.9	20.4
9 28	1 29.66	+ 3 40.0	2.175	3.144	5.6	20.2
10 8	1 23.09	+ 2 25.5	2.158	3.150	2.5	20.0
10 18	1 16.13	+ 1 13.3	2.169	3.157	2.9	20.1
10 28	1 9.55	+ 0 9.4	2.210	3.163	6.1	20.3
11 7	1 4.03	− 0 41.7	2.278	3.169	9.3	20.5
11 17	1 0.07	− 1 17.1	2.370	3.175	12.0	20.7
376497	2012 KT_{29}		10 14.5	221.°08	1.°1/13.5	17
9 8	1 44.12	+ 9 49.8	1.638	2.479	15.8	21.7
9 18	1 39.80	+ 8 52.8	1.558	2.473	12.1	21.5
9 28	1 33.05	+ 7 39.7	1.499	2.467	7.8	21.2
10 8	1 24.55	+ 6 15.7	1.465	2.460	3.0	20.9
10 18	1 15.30	+ 4 48.4	1.459	2.452	2.6	20.8
10 28	1 6.50	+ 3 27.1	1.481	2.444	7.4	21.1
11 7	0 59.24	+ 2 19.9	1.529	2.436	11.9	21.4
11 17	0 54.30	+ 1 32.2	1.600	2.427	15.8	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
73294 2002 JU_{66}			10 14.5	34.°37	7.°8/ 9.4	18
	h m	° ′			°	m
9 8	1 48.41	−10 29.3	1.555	2.413	15.7	18.9
9 18	1 42.89	−11 9.6	1.503	2.419	12.4	18.7
9 28	1 34.86	−11 42.9	1.472	2.424	9.5	18.6
10 8	1 25.19	−12 1.5	1.466	2.431	7.9	18.5
10 18	1 15.02	−11 59.3	1.485	2.437	8.8	18.6
10 28	1 5.59	−11 33.0	1.529	2.444	11.5	18.8
11 7	0 57.97	−10 43.0	1.597	2.451	14.6	19.0
11 17	0 52.83	− 9 32.5	1.685	2.459	17.4	19.2
181517 2006 UP_{79}			10 14.5	284.°76	1.°4/15.7	18
9 8	1 42.83	+13 57.5	1.969	2.788	14.4	21.0
9 18	1 38.51	+13 51.3	1.883	2.781	11.3	20.8
9 28	1 32.08	+13 31.5	1.818	2.774	7.6	20.6
10 8	1 24.15	+12 59.6	1.778	2.767	3.6	20.3
10 18	1 15.54	+12 19.0	1.766	2.760	1.7	20.2
10 28	1 7.26	+11 35.0	1.783	2.753	5.5	20.4
11 7	1 0.26	+10 53.5	1.826	2.746	9.4	20.6
11 17	0 55.23	+10 19.9	1.894	2.740	12.9	20.8
274204 2008 HX_{50}			10 14.5	112.°94	1.°2/13.4	16
9 8	1 45.70	+ 8 11.2	1.655	2.496	15.7	21.9
9 18	1 40.75	+ 7 29.6	1.593	2.508	11.9	21.7
9 28	1 33.48	+ 6 36.0	1.552	2.520	7.5	21.5
10 8	1 24.67	+ 5 35.5	1.537	2.531	2.9	21.3
10 18	1 15.33	+ 4 34.6	1.550	2.543	2.5	21.3
10 28	1 6.62	+ 3 40.7	1.591	2.553	7.0	21.6
11 7	0 59.54	+ 2 59.8	1.657	2.564	11.2	21.8
11 17	0 54.72	+ 2 35.5	1.747	2.574	14.7	22.1
448579 2010 TD_{18}			10 14.5	359.°83	4.°8/18.3	17
9 8	1 43.78	+20 53.6	1.766	2.563	16.7	21.4
9 18	1 39.57	+21 26.9	1.686	2.562	13.6	21.2
9 28	1 32.94	+21 42.0	1.626	2.561	10.1	21.0
10 8	1 24.54	+21 37.9	1.590	2.561	6.7	20.8
10 18	1 15.35	+21 15.5	1.579	2.561	4.8	20.6
10 28	1 6.56	+20 39.3	1.595	2.562	6.5	20.8
11 7	0 59.27	+19 56.0	1.637	2.563	9.9	21.0
11 17	0 54.29	+19 13.1	1.703	2.565	13.3	21.2
330553 2008 BN_{15}			10 14.5	300.°19	0.°2/14.3	17
9 8	1 43.39	+10 39.0	1.343	2.195	18.0	21.5
9 18	1 39.84	+10 12.2	1.264	2.184	13.9	21.2
9 28	1 33.40	+ 9 27.9	1.205	2.174	9.1	20.9
10 8	1 24.80	+ 8 30.1	1.169	2.163	3.6	20.6
10 18	1 15.20	+ 7 25.4	1.158	2.153	2.2	20.4
10 28	1 6.06	+ 6 23.3	1.173	2.143	7.8	20.8
11 7	0 58.74	+ 5 32.8	1.212	2.133	13.1	21.0
11 17	0 54.15	+ 5 0.2	1.271	2.123	17.6	21.3
483972 2006 BZ_{233}			10 14.5	162.°08	3.°5/19.2	18
9 8	1 42.85	+23 56.3	3.178	3.921	11.0	22.2
9 18	1 37.75	+24 4.9	3.088	3.927	9.1	22.0
9 28	1 31.22	+24 0.4	3.021	3.933	6.9	21.9
10 8	1 23.73	+23 42.8	2.981	3.938	4.8	21.8
10 18	1 15.84	+23 13.2	2.969	3.943	3.5	21.7
10 28	1 8.21	+22 34.3	2.988	3.947	4.3	21.7
11 7	1 1.44	+21 50.1	3.036	3.951	6.3	21.9
11 17	0 56.02	+21 4.9	3.112	3.954	8.5	22.0
426098 2012 EE_{15}			10 14.5	134.°39	5.°1/10.1	17
9 8	1 46.44	− 1 14.8	1.664	2.519	14.9	21.1
9 18	1 41.24	− 2 32.5	1.608	2.531	11.3	20.9
9 28	1 33.77	− 3 54.1	1.576	2.542	7.6	20.8
10 8	1 24.79	− 5 11.3	1.570	2.552	5.2	20.6
10 18	1 15.33	− 6 16.0	1.591	2.562	6.3	20.7
10 28	1 6.53	− 7 1.2	1.639	2.571	9.6	21.0
11 7	0 59.35	− 7 23.5	1.712	2.580	13.1	21.2
11 17	0 54.42	− 7 22.6	1.806	2.588	16.1	21.4
521999 2015 XQ_{67}			10 14.5	221.°94	4.°4/ 9.5	18
9 8	1 41.07	− 4 37.7	2.424	3.274	11.0	21.9
9 18	1 36.64	− 5 28.4	2.354	3.272	8.5	21.7
9 28	1 30.61	− 6 19.3	2.309	3.269	6.0	21.6
10 8	1 23.52	− 7 5.3	2.290	3.266	4.5	21.5
10 18	1 16.01	− 7 41.4	2.301	3.264	5.3	21.5
10 28	1 8.85	− 8 3.7	2.339	3.261	7.7	21.7
11 7	1 2.70	− 8 9.9	2.403	3.258	10.3	21.8
11 17	0 58.08	− 7 59.4	2.490	3.255	12.6	22.0
303593 2005 GU_{182}			10 14.5	57.°37	1.°4/13.1	18
9 8	1 41.16	+ 8 11.0	1.767	2.612	14.6	20.6
9 18	1 37.24	+ 7 18.5	1.700	2.619	11.1	20.4
9 28	1 31.23	+ 6 13.9	1.656	2.625	7.0	20.2
10 8	1 23.81	+ 5 2.6	1.637	2.631	2.8	20.0
10 18	1 15.87	+ 3 51.4	1.646	2.638	2.6	20.0
10 28	1 8.44	+ 2 47.7	1.683	2.644	6.8	20.3
11 7	1 2.41	+ 1 57.5	1.746	2.651	10.7	20.5
11 17	0 58.40	+ 1 24.7	1.832	2.658	14.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
212290 2005 MJ_3			10 14.5	23.°79	3.°5/11.4	18
	h m	° ′			°	m
9 8	1 40.88	+ 2 25.5	1.672	2.533	14.6	19.8
9 18	1 37.12	+ 1 27.1	1.610	2.537	11.0	19.5
9 28	1 31.20	+ 0 21.5	1.570	2.541	7.1	19.3
10 8	1 23.81	− 0 44.6	1.555	2.545	3.8	19.1
10 18	1 15.88	− 1 43.9	1.567	2.550	4.7	19.2
10 28	1 8.48	− 2 29.3	1.606	2.555	8.3	19.4
11 7	1 2.53	− 2 56.3	1.669	2.561	12.0	19.7
11 17	0 58.67	− 3 3.1	1.755	2.566	15.3	19.9
77400 2001 FO_{162}			10 14.5	157.°30	7.°9/ 8.1	18
9 8	1 46.15	− 8 19.2	1.561	2.424	15.4	19.6
9 18	1 41.27	− 9 41.3	1.506	2.426	12.1	19.4
9 28	1 33.91	−11 0.6	1.474	2.429	9.2	19.3
10 8	1 24.90	−12 7.3	1.466	2.431	7.9	19.2
10 18	1 15.30	−12 53.1	1.483	2.433	9.2	19.3
10 28	1 6.35	−13 11.8	1.526	2.434	12.0	19.5
11 7	0 59.11	−13 2.3	1.591	2.435	15.2	19.7
11 17	0 54.26	−12 26.4	1.676	2.437	18.0	19.9
59285 1999 CP_{50}			10 14.5	78.°41	3.°2/12.1	18 R
9 8	1 46.34	+ 5 17.9	1.291	2.153	18.0	17.7
9 18	1 41.61	+ 4 7.5	1.245	2.173	13.5	17.4
9 28	1 34.16	+ 2 45.8	1.220	2.193	8.5	17.2
10 8	1 24.97	+ 1 21.5	1.220	2.212	3.9	17.0
10 18	1 15.31	+ 0 4.5	1.245	2.232	4.6	17.1
10 28	1 6.57	− 0 56.1	1.296	2.252	9.1	17.4
11 7	0 59.85	− 1 34.5	1.371	2.271	13.5	17.7
11 17	0 55.80	− 1 48.8	1.467	2.290	17.2	18.0
152094 2004 RO_{71}			10 14.5	327.°34	3.°1/10.7	17
9 8	1 36.17	+ 0 57.5	2.463	3.316	10.8	19.2
9 18	1 33.03	+ 0 1.9	2.376	3.299	8.1	19.0
9 28	1 28.38	− 0 58.7	2.314	3.282	5.3	18.8
10 8	1 22.67	− 1 59.7	2.279	3.266	3.2	18.7
10 18	1 16.49	− 2 55.7	2.272	3.250	4.0	18.7
10 28	1 10.54	− 3 41.9	2.294	3.235	6.7	18.9
11 7	1 5.48	− 4 14.3	2.342	3.220	9.6	19.0
11 17	1 1.82	− 4 30.8	2.414	3.206	12.2	19.2
299029 2005 AU_{27}			10 14.5	126.°92	7.°1/ 7.4	18
9 8	1 44.26	−10 1.9	1.995	2.847	12.9	20.6
9 18	1 39.27	−11 22.6	1.946	2.858	10.3	20.5
9 28	1 32.36	−12 38.9	1.921	2.868	8.0	20.4
10 8	1 24.22	−13 43.2	1.922	2.877	7.1	20.3
10 18	1 15.70	−14 28.9	1.950	2.887	8.2	20.4
10 28	1 7.72	−14 51.6	2.004	2.896	10.4	20.6
11 7	1 1.10	−14 50.3	2.082	2.904	12.9	20.8
11 17	0 56.38	−14 26.4	2.181	2.913	15.2	21.0
80502 2000 AD_{54}			10 14.5	239.°67	2.°7/12.2	18
9 8	1 45.46	+ 4 11.8	1.805	2.650	14.4	19.7
9 18	1 40.69	+ 3 24.1	1.719	2.638	11.0	19.5
9 28	1 33.61	+ 2 27.1	1.656	2.624	7.1	19.2
10 8	1 24.84	+ 1 26.1	1.619	2.611	3.3	19.0
10 18	1 15.31	+ 0 27.8	1.609	2.596	3.8	19.0
10 28	1 6.12	− 0 20.8	1.628	2.582	7.8	19.2
11 7	0 58.32	− 0 54.0	1.673	2.566	11.9	19.4
11 17	0 52.68	− 1 8.7	1.741	2.550	15.5	19.6
26280 1998 SW_{22}			10 14.5	350.°87	5.°2/ 9.5	18
9 8	1 38.03	+ 0 41.4	1.515	2.388	15.2	17.8
9 18	1 35.23	− 0 54.7	1.451	2.384	11.5	17.6
9 28	1 30.13	− 2 39.3	1.409	2.381	7.7	17.4
10 8	1 23.44	− 4 22.8	1.392	2.378	5.2	17.2
10 18	1 16.12	− 5 54.8	1.402	2.375	6.6	17.3
10 28	1 9.30	− 7 5.9	1.437	2.374	10.3	17.5
11 7	1 3.97	− 7 50.5	1.495	2.373	14.0	17.7
11 17	1 0.82	− 8 7.2	1.573	2.372	17.3	18.0
514971 2009 CH_{18}			10 14.5	120.°56	6.°2/20.9	18
9 8	1 46.46	+28 31.1	2.186	2.922	15.6	21.5
9 18	1 41.20	+28 57.4	2.108	2.934	13.2	21.3
9 28	1 33.78	+29 3.1	2.050	2.945	10.5	21.2
10 8	1 24.87	+28 46.6	2.016	2.956	7.9	21.0
10 18	1 15.35	+28 8.6	2.007	2.967	6.3	21.0
10 28	1 6.29	+27 13.0	2.027	2.978	6.7	21.0
11 7	0 58.62	+26 6.6	2.074	2.988	8.8	21.2
11 17	0 53.03	+24 57.0	2.146	2.998	11.4	21.3
278095 2007 BW_{27}			10 14.5	277.°37	0.°1/14.5	18
9 8	1 44.83	+10 36.3	1.601	2.440	16.2	21.7
9 18	1 40.65	+10 16.8	1.509	2.421	12.6	21.5
9 28	1 33.85	+ 9 42.4	1.437	2.403	8.3	21.2
10 8	1 25.04	+ 8 56.1	1.390	2.383	3.4	20.8
10 18	1 15.21	+ 8 2.9	1.370	2.364	1.8	20.7
10 28	1 5.67	+ 7 10.3	1.376	2.345	7.1	21.0
11 7	0 57.65	+ 6 25.8	1.408	2.325	11.9	21.2
11 17	0 52.07	+ 5 55.5	1.463	2.306	16.2	21.4

226036 2002 FC_{32} 10 14.5 294.°68 1.°2/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.15	+ 3 6.2	4.309	5.140	6.9	20.1
9 18	1 31.55	+ 2 47.5	4.226	5.138	5.2	20.0
9 28	1 27.11	+ 2 26.3	4.170	5.136	3.3	19.9
10 8	1 22.10	+ 2 4.4	4.142	5.134	1.5	19.7
10 18	1 16.87	+ 1 44.0	4.144	5.131	1.7	19.8
10 28	1 11.80	+ 1 27.0	4.178	5.129	3.5	19.9
11 7	1 7.23	+ 1 15.3	4.240	5.127	5.4	20.0
11 17	1 3.47	+ 1 10.1	4.329	5.125	7.1	20.2

30763 1981 EJ_{47} 10 14.5 139.°01 2.°0/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.96	+ 6 45.7	1.720	2.566	15.0	20.3
9 18	1 39.42	+ 5 46.6	1.653	2.572	11.3	20.0
9 28	1 32.67	+ 4 36.2	1.609	2.578	7.2	19.8
10 8	1 24.42	+ 3 20.2	1.590	2.584	3.0	19.6
10 18	1 15.62	+ 2 6.2	1.600	2.589	3.3	19.6
10 28	1 7.36	+ 1 1.8	1.637	2.594	7.4	19.9
11 7	1 0.60	+ 0 13.2	1.700	2.599	11.4	20.1
11 17	0 55.99	− 0 16.4	1.786	2.603	14.8	20.4

294058 2007 TE_{156} 10 14.5 320.°91 2.°6/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.65	+15 11.5	1.730	2.548	16.1	20.3
9 18	1 41.02	+15 31.9	1.647	2.543	12.8	20.1
9 28	1 33.92	+15 37.7	1.585	2.537	8.9	19.8
10 8	1 25.01	+15 29.4	1.547	2.533	4.8	19.6
10 18	1 15.26	+15 8.9	1.536	2.528	2.7	19.4
10 28	1 5.89	+14 41.1	1.552	2.523	6.1	19.6
11 7	0 58.04	+14 12.2	1.595	2.519	10.2	19.9
11 17	0 52.51	+13 48.0	1.661	2.515	14.0	20.1

53771 2000 EL_{86} 10 14.5 102.°98 1.°9/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.24	+16 11.6	1.447	2.267	18.6	19.5
9 18	1 43.77	+15 48.4	1.390	2.288	14.5	19.3
9 28	1 35.57	+15 4.4	1.353	2.308	9.8	19.1
10 8	1 25.57	+14 2.9	1.339	2.328	4.8	18.9
10 18	1 15.04	+12 50.0	1.353	2.347	2.2	18.8
10 28	1 5.35	+11 34.8	1.394	2.365	6.6	19.1
11 7	0 57.66	+10 26.5	1.461	2.383	11.1	19.4
11 17	0 52.66	+ 9 32.0	1.551	2.400	15.1	19.7

29842 1999 FE_{18} 10 14.5 144.°64 3.°0/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.16	+ 1 39.7	2.463	3.305	11.1	18.8
9 18	1 36.63	+ 0 31.0	2.397	3.315	8.3	18.7
9 28	1 30.57	− 0 42.4	2.357	3.324	5.4	18.5
10 8	1 23.53	− 1 55.5	2.345	3.332	3.2	18.4
10 18	1 16.13	− 3 2.7	2.362	3.340	3.9	18.4
10 28	1 9.11	− 3 58.8	2.409	3.348	6.6	18.6
11 7	1 3.11	− 4 40.3	2.484	3.355	9.4	18.8
11 17	0 58.62	− 5 5.2	2.582	3.361	11.9	19.0

77539 2001 HE_{64} 10 14.5 138.°20 2.°7/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.50	+20 25.1	1.985	2.780	15.1	19.8
9 18	1 37.45	+19 47.4	1.904	2.784	12.1	19.7
9 28	1 31.37	+18 49.1	1.845	2.787	8.6	19.4
10 8	1 23.91	+17 32.4	1.810	2.791	4.9	19.2
10 18	1 15.92	+16 2.0	1.804	2.794	2.7	19.1
10 28	1 8.37	+14 25.4	1.826	2.798	5.3	19.3
11 7	1 2.15	+12 51.1	1.876	2.801	9.0	19.5
11 17	0 57.88	+11 26.6	1.952	2.803	12.4	19.7

420759 2013 EX_{26} 10 14.5 58.°70 1.°4/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.45	+ 7 13.1	1.047	1.912	21.0	20.7
9 18	1 45.25	+ 6 56.6	1.007	1.934	15.9	20.5
9 28	1 36.72	+ 6 26.7	0.985	1.957	10.1	20.3
10 8	1 26.05	+ 5 49.3	0.985	1.979	3.9	20.0
10 18	1 14.84	+ 5 12.0	1.009	2.002	3.0	20.0
10 28	1 4.85	+ 4 43.2	1.057	2.025	8.8	20.4
11 7	0 57.41	+ 4 29.1	1.129	2.049	13.9	20.8
11 17	0 53.20	+ 4 32.6	1.220	2.072	18.2	21.2

207745 2007 RP_{252} 10 14.5 44.°90 9.°6/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.26	+32 3.9	1.429	2.181	21.9	19.3
9 18	1 43.46	+33 2.5	1.382	2.209	18.8	19.2
9 28	1 35.59	+33 29.5	1.350	2.238	15.4	19.0
10 8	1 25.64	+33 21.3	1.338	2.267	12.1	18.9
10 18	1 15.03	+32 38.4	1.348	2.297	9.9	18.9
10 28	1 5.37	+31 27.3	1.383	2.328	9.8	19.0
11 7	0 57.96	+29 59.5	1.441	2.358	11.7	19.2
11 17	0 53.54	+28 27.2	1.523	2.389	14.4	19.4

457926 2009 UX_{92} 10 14.5 280.°81 6.°4/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.99	+33 55.4	2.626	3.322	14.2	21.0
9 18	1 36.99	+33 49.8	2.508	3.298	12.4	20.8
9 28	1 31.11	+33 21.9	2.408	3.275	10.3	20.6
10 8	1 23.85	+32 29.8	2.332	3.251	8.2	20.5
10 18	1 15.93	+31 13.9	2.282	3.227	6.6	20.3
10 28	1 8.23	+29 37.6	2.260	3.203	6.6	20.3
11 7	1 1.61	+27 47.5	2.266	3.179	8.2	20.4
11 17	0 56.72	+25 51.7	2.300	3.155	10.6	20.5

404985 2000 AJ_{220} 10 14.5 289.°99 4.°9/19.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.29	+24 35.7	2.285	3.047	14.3	20.9
9 18	1 38.08	+24 55.8	2.185	3.034	12.0	20.7
9 28	1 31.86	+24 58.4	2.106	3.022	9.2	20.5
10 8	1 24.17	+24 42.6	2.051	3.009	6.6	20.3
10 18	1 15.75	+24 8.9	2.023	2.996	5.0	20.2
10 28	1 7.55	+23 20.9	2.023	2.984	5.9	20.3
11 7	1 0.49	+22 24.3	2.050	2.971	8.5	20.4
11 17	0 55.26	+21 25.8	2.103	2.959	11.4	20.6

4695 Mediolanum 10 14.5 301.°20 3.°1/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.02	+ 5 31.6	1.703	2.561	14.5	15.9
9 18	1 35.89	+ 4 8.3	1.620	2.546	11.0	15.7
9 28	1 30.57	+ 2 31.3	1.560	2.532	7.0	15.4
10 8	1 23.66	+ 0 47.9	1.525	2.517	3.5	15.2
10 18	1 16.04	− 0 52.8	1.518	2.503	4.4	15.2
10 28	1 8.77	− 2 21.3	1.539	2.489	8.5	15.4
11 7	1 2.84	− 3 29.9	1.584	2.476	12.5	15.6
11 17	0 58.97	− 4 14.3	1.652	2.462	16.1	15.8

448595 2010 TR_{101} 10 14.5 39.°50 1.°3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.02	+ 5 14.0	1.653	2.500	15.4	20.7
9 18	1 40.98	+ 5 11.7	1.596	2.515	11.7	20.5
9 28	1 33.65	+ 5 2.3	1.561	2.530	7.4	20.3
10 8	1 24.81	+ 4 49.4	1.551	2.545	3.0	20.1
10 18	1 15.48	+ 4 37.1	1.569	2.561	2.5	20.1
10 28	1 6.80	+ 4 30.1	1.614	2.578	6.8	20.4
11 7	0 59.74	+ 4 32.1	1.685	2.595	10.8	20.7
11 17	0 54.95	+ 4 45.3	1.778	2.612	14.2	20.9

516500 2005 YM_{134} 10 14.5 187.°63 4.°5/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.21	− 5 52.3	2.582	3.427	10.6	21.4
9 18	1 37.41	− 6 39.5	2.513	3.427	8.2	21.2
9 28	1 31.09	− 7 25.8	2.469	3.426	5.9	21.1
10 8	1 23.75	− 8 6.6	2.452	3.425	4.5	21.0
10 18	1 16.04	− 8 37.3	2.465	3.424	5.3	21.1
10 28	1 8.65	− 8 54.3	2.505	3.422	7.5	21.2
11 7	1 2.26	− 8 55.7	2.573	3.420	9.9	21.4
11 17	0 57.34	− 8 41.3	2.663	3.418	12.1	21.5

35860 1999 JO_{66} 10 14.5 158.°15 0.°8/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.87	+ 9 47.6	1.534	2.376	16.7	19.5
9 18	1 41.22	+ 9 3.8	1.465	2.380	12.7	19.3
9 28	1 34.01	+ 8 4.8	1.416	2.383	8.2	19.0
10 8	1 25.02	+ 6 55.6	1.392	2.387	3.2	18.7
10 18	1 15.35	+ 5 43.5	1.396	2.389	2.3	18.7
10 28	1 6.26	+ 4 37.0	1.426	2.391	7.3	19.0
11 7	0 58.88	+ 3 43.9	1.482	2.393	11.9	19.3
11 17	0 53.97	+ 3 8.8	1.561	2.395	15.8	19.5

159061 2004 TM_{151} 10 14.5 310.°66 0.°3/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.61	+11 10.2	1.976	2.808	13.9	20.8
9 18	1 36.90	+10 52.5	1.882	2.791	10.7	20.6
9 28	1 31.15	+10 22.5	1.811	2.774	7.1	20.3
10 8	1 23.90	+ 9 42.5	1.765	2.758	2.9	20.0
10 18	1 15.94	+ 8 56.8	1.747	2.742	1.4	19.9
10 28	1 8.23	+ 8 10.9	1.757	2.726	5.7	20.2
11 7	1 1.70	+ 7 30.7	1.793	2.710	9.8	20.4
11 17	0 57.07	+ 7 1.1	1.854	2.695	13.3	20.6

149381 2002 YX_9 10 14.5 267.°08 1.°7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.00	+ 6 26.0	1.590	2.440	15.8	20.4
9 18	1 40.60	+ 5 55.1	1.512	2.432	12.1	20.2
9 28	1 33.68	+ 5 13.2	1.455	2.425	7.7	19.9
10 8	1 24.94	+ 4 25.0	1.423	2.417	3.1	19.6
10 18	1 15.39	+ 3 36.8	1.418	2.410	3.0	19.6
10 28	1 6.29	+ 2 55.7	1.440	2.402	7.6	19.8
11 7	0 58.77	+ 2 27.8	1.487	2.394	12.1	20.1
11 17	0 53.64	+ 2 16.8	1.556	2.387	16.0	20.3

300394 2007 RN_{226} 10 14.5 153.°97 0.°6/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.23	+ 8 41.5	1.869	2.705	14.4	21.1
9 18	1 39.56	+ 8 18.0	1.795	2.707	11.0	20.9
9 28	1 32.77	+ 7 43.8	1.742	2.708	7.0	20.7
10 8	1 24.51	+ 7 2.3	1.716	2.709	2.7	20.4
10 18	1 15.65	+ 6 18.5	1.717	2.711	1.9	20.4
10 28	1 7.24	+ 5 38.2	1.747	2.712	6.2	20.7
11 7	1 0.20	+ 5 6.7	1.803	2.713	10.2	20.9
11 17	0 55.21	+ 4 47.7	1.883	2.714	13.6	21.1

394543 2007 UG_{36} 10 14.5 2.°62 2.°3/13.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.78	+ 2 2.6	1.310	2.173	17.7	20.2
9 18	1 43.08	+ 2 21.7	1.245	2.172	13.5	19.9
9 28	1 35.43	+ 2 37.2	1.200	2.171	8.7	19.7
10 8	1 25.66	+ 2 52.8	1.179	2.172	3.8	19.4
10 18	1 15.03	+ 3 12.3	1.182	2.174	3.5	19.4
10 28	1 5.06	+ 3 39.5	1.212	2.177	8.4	19.7
11 7	0 57.09	+ 4 16.8	1.266	2.181	13.1	20.0
11 17	0 51.96	+ 5 5.3	1.341	2.186	17.2	20.2

26482 2000 AM_{203} 10 14.5 98.°81 4.°4/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.45	+26 9.5	2.505	3.256	13.5	17.6
9 18	1 36.35	+26 2.5	2.420	3.261	11.2	17.5
9 28	1 30.54	+25 37.2	2.356	3.267	8.6	17.3
10 8	1 23.58	+24 53.7	2.317	3.272	6.1	17.2
10 18	1 16.16	+23 54.1	2.305	3.278	4.4	17.1
10 28	1 9.10	+22 42.8	2.322	3.283	5.2	17.1
11 7	1 3.12	+21 25.9	2.367	3.289	7.5	17.3
11 17	0 58.78	+20 9.9	2.439	3.294	10.0	17.5

287960 2003 UR_{113} 10 14.5 12.°20 5.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.81	− 2 39.7	1.458	2.325	16.0	20.0
9 18	1 40.43	− 3 15.8	1.399	2.327	12.3	19.8
9 28	1 33.50	− 3 53.3	1.361	2.329	8.3	19.6
10 8	1 24.82	− 4 25.1	1.347	2.332	5.4	19.4
10 18	1 15.51	− 4 44.3	1.359	2.336	6.3	19.5
10 28	1 6.85	− 4 45.6	1.396	2.340	9.8	19.7
11 7	0 59.94	− 4 26.7	1.457	2.345	13.7	20.0
11 17	0 55.48	− 3 48.1	1.539	2.350	17.1	20.2

89954 2002 JY_{98} 10 14.5 52.°17 9.°2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.19	−11 16.7	1.562	2.430	15.1	18.8
9 18	1 38.21	−13 5.4	1.520	2.439	12.2	18.7
9 28	1 31.93	−14 47.7	1.501	2.447	9.9	18.6
10 8	1 24.15	−16 12.8	1.507	2.457	9.2	18.6
10 18	1 15.90	−17 11.8	1.537	2.466	10.6	18.7
10 28	1 8.32	−17 39.5	1.590	2.475	13.1	18.8
11 7	1 2.36	−17 35.4	1.665	2.485	15.7	19.0
11 17	0 58.63	−17 2.3	1.759	2.495	18.1	19.3

159304 2006 BK_{77} 10 14.5 55.°58 1.°6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.46	+15 0.3	1.411	2.244	18.3	19.8
9 18	1 40.85	+14 39.3	1.363	2.270	14.2	19.7
9 28	1 33.66	+13 59.3	1.335	2.295	9.5	19.5
10 8	1 24.83	+13 3.8	1.331	2.321	4.4	19.2
10 18	1 15.56	+11 59.2	1.352	2.347	2.0	19.1
10 28	1 7.14	+10 54.0	1.401	2.373	6.4	19.5
11 7	1 0.64	+ 9 56.6	1.474	2.399	10.9	19.8
11 17	0 56.66	+ 9 12.9	1.571	2.425	14.6	20.1

317314 2002 GY_{183} 10 14.5 141.°32 0.°1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.83	+11 43.8	2.352	3.175	12.2	20.8
9 18	1 35.81	+10 58.6	2.274	3.178	9.4	20.6
9 28	1 30.16	+10 1.5	2.219	3.181	6.0	20.4
10 8	1 23.43	+ 8 56.1	2.191	3.184	2.4	20.2
10 18	1 16.26	+ 7 47.1	2.193	3.187	1.3	20.1
10 28	1 9.45	+ 6 40.0	2.224	3.190	5.0	20.4
11 7	1 3.68	+ 5 40.4	2.283	3.193	8.4	20.6
11 17	0 59.48	+ 4 52.5	2.368	3.195	11.3	20.8

479815 2014 FN_{36} 10 14.5 210.°60 2.°9/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.20	+ 0 28.2	2.264	3.100	12.2	22.0
9 18	1 41.49	+ 0 3.7	2.181	3.094	9.3	21.8
9 28	1 33.88	− 0 24.1	2.122	3.087	6.1	21.6
10 8	1 24.94	− 0 51.0	2.091	3.080	3.3	21.4
10 18	1 15.45	− 1 12.9	2.090	3.072	3.7	21.4
10 28	1 6.30	− 1 25.6	2.118	3.064	6.8	21.6
11 7	0 58.31	− 1 26.2	2.173	3.055	10.1	21.8
11 17	0 52.12	− 1 13.4	2.253	3.046	13.0	21.9

49990 2000 AK_5 10 14.5 221.°16 4.°2/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.94	+ 0 26.8	1.614	2.471	15.3	18.9
9 18	1 41.19	− 0 24.5	1.544	2.467	11.6	18.7
9 28	1 33.98	− 1 21.5	1.495	2.464	7.7	18.5
10 8	1 25.05	− 2 17.4	1.472	2.460	4.5	18.3
10 18	1 15.42	− 3 4.9	1.475	2.456	5.4	18.3
10 28	1 6.30	− 3 37.1	1.506	2.451	9.1	18.5
11 7	0 58.77	− 3 49.6	1.561	2.447	13.0	18.8
11 17	0 53.59	− 3 41.2	1.637	2.442	16.5	19.0

53107 1999 AU_4 10 14.5 174.°77 2.°4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.01	+ 2 45.4	2.404	3.241	11.5	19.7
9 18	1 38.15	+ 2 2.4	2.329	3.244	8.7	19.5
9 28	1 31.64	+ 1 14.2	2.279	3.246	5.6	19.3
10 8	1 24.02	+ 0 25.1	2.256	3.247	2.8	19.1
10 18	1 15.98	− 0 20.2	2.263	3.248	3.3	19.2
10 28	1 8.30	− 0 57.2	2.300	3.248	6.2	19.3
11 7	1 1.67	− 1 22.4	2.364	3.248	9.3	19.5
11 17	0 56.62	− 1 33.6	2.453	3.248	12.0	19.7

287358 2002 UA_{27} 10 14.5 342.°99 0.°3/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.34	+ 8 21.1	1.766	2.604	15.0	20.1
9 18	1 40.60	+ 8 20.6	1.689	2.601	11.5	19.9
9 28	1 33.56	+ 8 10.5	1.633	2.599	7.5	19.7
10 8	1 24.88	+ 7 53.4	1.603	2.597	3.0	19.4
10 18	1 15.50	+ 7 33.1	1.601	2.595	1.7	19.3
10 28	1 6.56	+ 7 14.6	1.626	2.594	6.3	19.6
11 7	0 59.07	+ 7 2.6	1.678	2.592	10.5	19.9
11 17	0 53.77	+ 7 0.7	1.753	2.591	14.1	20.1

5006 Teller 10 14.5 252.°00 3.°3/10.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.62	− 0 38.5	2.442	3.288	11.1	16.9
9 18	1 36.37	− 1 24.5	2.363	3.282	8.4	16.7
9 28	1 30.52	− 2 13.6	2.310	3.276	5.6	16.5
10 8	1 23.59	− 3 1.2	2.284	3.269	3.5	16.4
10 18	1 16.21	− 3 42.5	2.286	3.262	4.2	16.4
10 28	1 9.13	− 4 13.1	2.318	3.256	6.8	16.6
11 7	1 3.03	− 4 29.8	2.376	3.249	9.7	16.8
11 17	0 58.43	− 4 31.4	2.458	3.242	12.2	16.9

96498 1998 KJ_{40} 10 14.5 103.°34 8.°5/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.74	−13 28.1	1.796	2.645	14.3	19.1
9 18	1 42.12	−14 30.2	1.748	2.654	11.6	18.9
9 28	1 34.31	−15 23.9	1.723	2.662	9.4	18.8
10 8	1 25.09	−16 1.4	1.723	2.671	8.5	18.8
10 18	1 15.45	−16 16.4	1.749	2.679	9.4	18.9
10 28	1 6.50	−16 5.8	1.800	2.688	11.7	19.0
11 7	0 59.14	−15 29.9	1.874	2.696	14.2	19.2
11 17	0 53.97	−14 31.6	1.969	2.703	16.5	19.4

315925 2008 SE_{96} 10 14.5 115.°53 0.°7/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 33.78	+13 44.8	4.505	5.303	7.2	21.1
9 18	1 30.55	+13 25.0	4.417	5.304	5.6	21.0
9 28	1 26.50	+12 58.7	4.353	5.305	3.7	20.9
10 8	1 21.92	+12 27.4	4.318	5.306	1.8	20.7
10 18	1 17.13	+11 52.8	4.313	5.307	0.8	20.6
10 28	1 12.48	+11 17.2	4.339	5.308	2.6	20.8
11 7	1 8.32	+10 42.9	4.395	5.309	4.5	20.9
11 17	1 4.94	+10 12.1	4.479	5.310	6.3	21.1

51470 2001 FC_{52} 10 14.5 168.°71 1.°4/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.44	+ 7 59.0	1.721	2.561	15.2	19.7
9 18	1 40.65	+ 7 11.7	1.649	2.564	11.6	19.4
9 28	1 33.55	+ 6 12.1	1.599	2.566	7.4	19.2
10 8	1 24.86	+ 5 5.2	1.575	2.568	2.9	18.9
10 18	1 15.56	+ 3 57.8	1.578	2.570	2.7	18.9
10 28	1 6.76	+ 2 57.5	1.610	2.571	7.1	19.2
11 7	0 59.49	+ 2 10.5	1.668	2.572	11.3	19.5
11 17	0 54.43	+ 1 40.9	1.749	2.572	14.8	19.7

381103 2007 CQ_{52} 10 14.5 206.°12 5.°3/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.08	− 1 9.4	1.737	2.596	14.2	21.0
9 18	1 38.83	− 2 40.2	1.669	2.593	10.8	20.8
9 28	1 32.37	− 4 16.8	1.624	2.590	7.4	20.6
10 8	1 24.40	− 5 50.6	1.606	2.587	5.3	20.4
10 18	1 15.81	− 7 12.5	1.615	2.583	6.6	20.5
10 28	1 7.69	− 8 14.7	1.651	2.579	9.8	20.7
11 7	1 1.00	− 8 52.6	1.712	2.575	13.3	20.9
11 17	0 56.42	− 9 5.0	1.793	2.570	16.4	21.1

389078 2008 WX_{118} 10 14.5 198.°76 0.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.55	+10 13.7	2.222	3.043	12.9	22.1
9 18	1 39.56	+ 9 48.5	2.136	3.040	9.9	21.9
9 28	1 32.69	+ 9 12.5	2.074	3.036	6.4	21.7
10 8	1 24.50	+ 8 28.7	2.039	3.032	2.6	21.4
10 18	1 15.75	+ 7 41.1	2.033	3.028	1.5	21.3
10 28	1 7.34	+ 6 54.9	2.057	3.022	5.4	21.6
11 7	1 0.09	+ 6 15.2	2.109	3.017	9.0	21.8
11 17	0 54.61	+ 5 46.0	2.186	3.011	12.2	22.0

74326 1998 UU_{37} 10 14.5 285.°38 0.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.86	+12 37.2	1.859	2.691	14.6	18.6
9 18	1 36.46	+11 36.8	1.765	2.675	11.3	18.4
9 28	1 30.94	+10 18.5	1.694	2.658	7.3	18.1
10 8	1 23.87	+ 8 46.4	1.648	2.642	2.9	17.8
10 18	1 16.08	+ 7 7.2	1.630	2.625	1.8	17.7
10 28	1 8.59	+ 5 29.7	1.641	2.608	6.4	17.9
11 7	1 2.36	+ 4 2.6	1.679	2.591	10.7	18.2
11 17	0 58.10	+ 2 52.6	1.741	2.575	14.4	18.4

179109 2001 SQ_{236} 10 14.5 4.°93 1.°5/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.41	+ 7 39.6	1.840	2.686	14.1	20.8
9 18	1 36.70	+ 6 47.3	1.767	2.686	10.7	20.6
9 28	1 30.96	+ 5 43.5	1.717	2.686	6.8	20.3
10 8	1 23.82	+ 4 33.3	1.692	2.686	2.7	20.1
10 18	1 16.14	+ 3 23.2	1.696	2.687	2.7	20.1
10 28	1 8.88	+ 2 20.4	1.727	2.688	6.7	20.3
11 7	1 2.93	+ 1 30.9	1.784	2.688	10.6	20.6
11 17	0 58.93	+ 0 58.6	1.865	2.690	14.0	20.8

275989 2001 XC_{112} 10 14.5 328.°95 4.°8/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.93	+ 1 0.3	1.293	2.170	17.0	20.0
9 18	1 38.01	+ 0 5.5	1.220	2.155	13.0	19.8
9 28	1 32.29	− 0 57.9	1.168	2.142	8.6	19.5
10 8	1 24.50	− 2 1.7	1.139	2.128	5.1	19.2
10 18	1 15.75	− 2 56.3	1.134	2.116	6.2	19.3
10 28	1 7.48	− 3 32.6	1.153	2.105	10.5	19.5
11 7	1 0.97	− 3 45.1	1.194	2.094	15.1	19.7
11 17	0 57.12	− 3 31.8	1.255	2.084	19.2	20.0

145069 2005 GG_{31} 10 14.5 72.°96 3.°8/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.00	+ 1 34.1	1.349	2.208	17.6	19.7
9 18	1 44.24	+ 0 52.8	1.308	2.233	13.2	19.5
9 28	1 35.81	+ 0 6.2	1.288	2.258	8.5	19.3
10 8	1 25.72	− 0 38.5	1.292	2.282	4.4	19.1
10 18	1 15.24	− 1 14.2	1.322	2.307	5.0	19.2
10 28	1 5.75	− 1 34.5	1.379	2.331	9.0	19.5
11 7	0 58.33	− 1 36.4	1.459	2.355	13.1	19.8
11 17	0 53.58	− 1 19.6	1.561	2.379	16.6	20.1

482513 2012 TV_{148} 10 14.5 41.°92 5.°5/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 51.13	− 4 53.8	1.441	2.299	16.7	20.7
9 18	1 45.16	− 5 5.1	1.388	2.309	12.9	20.5
9 28	1 36.49	− 5 13.7	1.356	2.320	8.8	20.3
10 8	1 26.04	− 5 13.7	1.348	2.331	5.8	20.1
10 18	1 15.04	− 4 59.9	1.367	2.343	6.4	20.2
10 28	1 4.88	− 4 29.2	1.412	2.355	9.8	20.4
11 7	0 56.70	− 3 41.3	1.481	2.367	13.6	20.7
11 17	0 51.19	− 2 37.8	1.572	2.380	17.0	21.0

145793 1998 QX_{96} 10 14.5 68.°77 1.°8/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.22	+16 31.7	1.405	2.235	18.5	19.6
9 18	1 40.10	+15 56.9	1.347	2.251	14.5	19.4
9 28	1 33.34	+14 59.9	1.308	2.266	9.8	19.2
10 8	1 24.80	+13 44.6	1.293	2.282	4.7	19.0
10 18	1 15.69	+12 18.1	1.303	2.297	2.1	18.8
10 28	1 7.33	+10 50.4	1.340	2.313	6.6	19.2
11 7	1 0.85	+ 9 31.5	1.403	2.329	11.2	19.5
11 17	0 56.93	+ 8 28.7	1.489	2.345	15.2	19.8

231894 2000 WN_{85} 10 14.5 352.°00 0.°8/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.87	+ 7 50.3	1.345	2.205	17.5	19.2
9 18	1 39.37	+ 7 40.1	1.275	2.200	13.5	18.9
9 28	1 33.09	+ 7 17.6	1.225	2.196	8.7	18.6
10 8	1 24.80	+ 6 46.8	1.198	2.193	3.4	18.3
10 18	1 15.64	+ 6 13.4	1.196	2.190	2.4	18.3
10 28	1 7.03	+ 5 44.5	1.220	2.189	7.7	18.6
11 7	1 0.22	+ 5 26.7	1.267	2.188	12.6	18.9
11 17	0 56.04	+ 5 23.9	1.335	2.188	16.8	19.1

441117 2007 TT_{43} 10 14.5 3.°98 4.°6/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 31.17	+24 7.4	1.120	1.958	21.8	19.7
9 18	1 30.93	+23 28.4	1.055	1.956	17.8	19.4
9 28	1 27.85	+22 11.7	1.007	1.957	13.1	19.1
10 8	1 22.72	+20 19.5	0.979	1.959	8.1	18.9
10 18	1 16.78	+18 0.2	0.974	1.964	4.6	18.7
10 28	1 11.48	+15 29.2	0.992	1.971	7.2	18.9
11 7	1 8.08	+13 3.9	1.035	1.979	12.0	19.2
11 17	1 7.33	+10 58.8	1.099	1.990	16.7	19.5

318216 2004 RE_{190} 10 14.5 43.°80 2.°4/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.67	+17 41.4	1.733	2.548	16.2	19.9
9 18	1 37.67	+17 21.5	1.677	2.571	12.7	19.7
9 28	1 31.55	+16 43.0	1.642	2.593	8.8	19.5
10 8	1 24.04	+15 48.8	1.632	2.617	4.7	19.4
10 18	1 16.12	+14 43.7	1.648	2.640	2.4	19.3
10 28	1 8.82	+13 35.0	1.692	2.664	5.5	19.5
11 7	1 3.04	+12 30.1	1.762	2.688	9.3	19.8
11 17	0 59.34	+11 35.3	1.857	2.713	12.7	20.1

257242 2009 ET_{14} 10 14.5 85.°18 1.°0/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.93	+11 53.4	1.361	2.196	18.7	21.2
9 18	1 45.22	+11 52.3	1.306	2.215	14.5	21.0
9 28	1 36.64	+11 35.4	1.272	2.235	9.5	20.8
10 8	1 26.13	+11 5.5	1.262	2.254	4.1	20.5
10 18	1 15.03	+10 27.7	1.278	2.272	1.9	20.4
10 28	1 4.81	+ 9 49.3	1.320	2.291	7.0	20.8
11 7	0 56.70	+ 9 17.4	1.388	2.309	11.7	21.1
11 17	0 51.43	+ 8 57.4	1.478	2.327	15.7	21.4

388193 2006 DM_{46} 10 14.5 93.°03 3.°9/17.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.68	+19 38.7	1.937	2.720	15.9	21.2
9 18	1 44.39	+20 5.8	1.874	2.743	12.8	21.0
9 28	1 35.84	+20 16.1	1.832	2.767	9.2	20.8
10 8	1 25.78	+20 9.4	1.816	2.789	5.7	20.7
10 18	1 15.20	+19 47.5	1.827	2.812	3.9	20.6
10 28	1 5.24	+19 14.7	1.868	2.834	5.8	20.8
11 7	0 56.89	+18 37.4	1.936	2.855	9.0	21.0
11 17	0 50.79	+18 1.8	2.029	2.876	12.1	21.3

478967 2012 XO_{94} 10 14.5 4.°51 0.°9/13.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.45	+ 9 22.3	1.073	1.953	19.5	19.7
9 18	1 34.89	+ 8 52.1	1.016	1.952	14.9	19.4
9 28	1 30.36	+ 8 3.7	0.978	1.953	9.6	19.1
10 8	1 23.73	+ 7 3.5	0.960	1.956	3.7	18.8
10 18	1 16.27	+ 6 0.1	0.966	1.960	2.7	18.8
10 28	1 9.49	+ 5 4.3	0.995	1.966	8.5	19.1
11 7	1 4.71	+ 4 24.8	1.045	1.975	13.7	19.5
11 17	1 2.72	+ 4 6.6	1.115	1.984	18.2	19.8

443569 2014 KU_{40} 10 14.5 54.°87 0.°7/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.49	+13 43.6	1.801	2.629	15.2	20.8
9 18	1 37.59	+13 8.0	1.729	2.634	11.7	20.6
9 28	1 31.57	+12 16.2	1.678	2.639	7.8	20.4
10 8	1 24.10	+11 11.9	1.653	2.644	3.4	20.1
10 18	1 16.07	+10 0.5	1.655	2.650	1.5	20.0
10 28	1 8.53	+ 8 49.4	1.685	2.655	5.8	20.3
11 7	1 2.37	+ 7 46.0	1.741	2.660	9.9	20.6
11 17	0 58.26	+ 6 55.7	1.822	2.666	13.4	20.8

320127 2007 EW_{190} 10 14.5 130.°23 0.°9/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.86	+11 59.7	2.363	3.176	12.5	21.2
9 18	1 38.92	+11 59.1	2.283	3.180	9.7	21.0
9 28	1 32.23	+11 48.6	2.226	3.183	6.4	20.8
10 8	1 24.34	+11 30.0	2.197	3.187	2.9	20.6
10 18	1 15.96	+11 5.8	2.196	3.190	1.3	20.5
10 28	1 7.92	+10 40.1	2.225	3.194	4.7	20.8
11 7	1 0.98	+10 16.8	2.282	3.197	8.1	21.0
11 17	0 55.71	+ 9 59.6	2.365	3.200	11.0	21.2

364106 2005 YU_{270} 10 14.5 344.°25 8.°5/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.38	−13 49.1	1.909	2.766	13.2	19.8
9 18	1 37.37	−15 6.8	1.853	2.762	10.9	19.6
9 28	1 31.36	−16 17.5	1.820	2.758	9.1	19.5
10 8	1 24.00	−17 13.0	1.812	2.754	8.5	19.5
10 18	1 16.15	−17 46.7	1.829	2.751	9.7	19.5
10 28	1 8.76	−17 54.2	1.871	2.748	11.8	19.7
11 7	1 2.70	−17 34.9	1.935	2.746	14.2	19.8
11 17	0 58.57	−16 51.0	2.018	2.744	16.4	20.0

42441 2492 T_{-3} 10 14.5 14.°71 2.°0/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.44	+13 13.7	1.846	2.666	15.1	17.8
9 18	1 40.64	+13 39.9	1.771	2.670	11.9	17.6
9 28	1 33.58	+13 54.3	1.718	2.673	8.1	17.4
10 8	1 24.94	+13 57.6	1.690	2.677	4.1	17.1
10 18	1 15.63	+13 51.7	1.689	2.682	2.2	17.0
10 28	1 6.75	+13 40.4	1.716	2.687	5.6	17.3
11 7	0 59.30	+13 28.8	1.770	2.693	9.5	17.5
11 17	0 54.00	+13 21.1	1.848	2.699	13.0	17.8

277084 2005 EV_{177} 10 14.5 304.°44 5.°3/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.05	+25 52.0	2.422	3.170	14.0	21.2
9 18	1 39.32	+26 26.2	2.330	3.167	11.8	21.1
9 28	1 32.65	+26 44.0	2.259	3.164	9.2	20.9
10 8	1 24.57	+26 43.8	2.213	3.161	6.8	20.7
10 18	1 15.82	+26 25.9	2.193	3.158	5.4	20.6
10 28	1 7.33	+25 52.9	2.201	3.155	6.0	20.7
11 7	0 59.97	+25 10.0	2.237	3.153	8.2	20.8
11 17	0 54.39	+24 23.0	2.299	3.150	10.7	21.0

406970 2009 QZ_{38} 10 14.5 46.°57 1.°7/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.14	+ 7 45.8	1.908	2.754	13.7	21.1
9 18	1 35.56	+ 6 37.7	1.848	2.767	10.3	20.9
9 28	1 30.13	+ 5 18.6	1.811	2.780	6.5	20.7
10 8	1 23.49	+ 3 54.4	1.800	2.794	2.6	20.5
10 18	1 16.46	+ 2 32.1	1.818	2.808	2.8	20.5
10 28	1 9.91	+ 1 19.0	1.864	2.822	6.6	20.8
11 7	1 4.62	+ 0 20.7	1.936	2.836	10.1	21.1
11 17	1 1.14	− 0 19.4	2.032	2.851	13.2	21.3

516096 2015 TW_{364} 10 14.5 165.°22 2.°9/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.10	+ 0 25.3	2.628	3.469	10.5	21.6
9 18	1 36.59	− 0 21.6	2.556	3.472	7.9	21.4
9 28	1 30.61	− 1 11.7	2.510	3.475	5.2	21.2
10 8	1 23.67	− 2 0.9	2.491	3.478	3.1	21.1
10 18	1 16.36	− 2 44.7	2.502	3.480	3.7	21.1
10 28	1 9.37	− 3 19.1	2.542	3.482	6.2	21.3
11 7	1 3.31	− 3 41.1	2.610	3.484	8.9	21.5
11 17	0 58.68	− 3 49.2	2.702	3.486	11.3	21.7

35078 1990 QB_{7} 10 14.5 64.°31 2.°9/12.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.60	+ 5 35.1	1.165	2.029	19.4	18.7
9 18	1 43.51	+ 4 41.0	1.128	2.056	14.5	18.5
9 28	1 35.48	+ 3 35.6	1.110	2.082	9.1	18.3
10 8	1 25.63	+ 2 27.5	1.116	2.109	4.0	18.1
10 18	1 15.40	+ 1 25.8	1.146	2.136	4.2	18.2
10 28	1 6.28	+ 0 39.4	1.203	2.163	9.1	18.6
11 7	0 59.42	+ 0 13.5	1.282	2.189	13.7	18.9
11 17	0 55.44	+ 0 9.6	1.382	2.216	17.5	19.2

431643 2008 AZ_{36} 10 14.5 293.°29 2.°6/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.02	+ 5 7.3	1.359	2.220	17.3	21.7
9 18	1 41.27	+ 4 33.6	1.272	2.199	13.3	21.4
9 28	1 34.55	+ 3 47.8	1.206	2.178	8.6	21.1
10 8	1 25.53	+ 2 55.4	1.163	2.156	3.8	20.8
10 18	1 15.31	+ 2 3.9	1.145	2.135	4.0	20.7
10 28	1 5.40	+ 1 22.2	1.152	2.114	9.2	20.9
11 7	0 57.22	+ 0 57.6	1.183	2.093	14.3	21.2
11 17	0 51.83	+ 0 54.4	1.234	2.072	18.9	21.4

265315 2004 NM 10 14.5 157.°02 8.°4/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 53.62	+35 55.6	2.399	3.065	16.0	20.8
9 18	1 46.88	+36 51.7	2.314	3.075	14.1	20.7
9 28	1 37.66	+37 26.2	2.247	3.084	12.0	20.5
10 8	1 26.63	+37 35.0	2.203	3.092	10.0	20.4
10 18	1 14.77	+37 16.5	2.184	3.099	8.7	20.3
10 28	1 3.31	+36 32.6	2.192	3.106	8.6	20.4
11 7	0 53.34	+35 29.5	2.227	3.111	9.8	20.4
11 17	0 45.69	+34 15.2	2.288	3.116	11.6	20.6

139262 2001 HC_{52} 10 14.5 232.°46 2.°2/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.19	+16 2.4	1.662	2.479	16.7	20.6
9 18	1 41.60	+15 56.0	1.577	2.472	13.3	20.3
9 28	1 34.44	+15 31.6	1.512	2.465	9.2	20.1
10 8	1 25.38	+14 50.2	1.471	2.457	4.7	19.8
10 18	1 15.44	+13 55.8	1.457	2.450	2.4	19.6
10 28	1 5.90	+12 55.0	1.470	2.442	6.3	19.9
11 7	0 57.93	+11 56.1	1.510	2.433	10.8	20.1
11 17	0 52.39	+11 6.4	1.573	2.425	14.8	20.3

313339 2002 GE_{45} 10 14.5 217.°22 0.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.12	+11 47.4	2.353	3.173	12.3	21.1
9 18	1 36.89	+11 20.2	2.268	3.170	9.5	20.9
9 28	1 30.96	+10 41.7	2.207	3.167	6.2	20.7
10 8	1 23.87	+ 9 54.6	2.172	3.164	2.6	20.5
10 18	1 16.28	+ 9 2.9	2.166	3.160	1.2	20.4
10 28	1 8.99	+ 8 11.4	2.189	3.157	4.9	20.6
11 7	1 2.75	+ 7 25.4	2.241	3.153	8.3	20.8
11 17	0 58.11	+ 6 48.8	2.318	3.150	11.3	21.0

265565 2005 QY_{46} 10 14.5 179.°83 1.°1/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.36	+12 13.7	1.707	2.531	16.1	20.7
9 18	1 43.06	+12 16.3	1.629	2.531	12.5	20.5
9 28	1 35.26	+12 5.7	1.573	2.532	8.3	20.3
10 8	1 25.67	+11 43.4	1.541	2.532	3.8	20.0
10 18	1 15.31	+11 13.0	1.537	2.532	1.7	19.9
10 28	1 5.43	+10 40.0	1.561	2.532	6.2	20.2
11 7	0 57.14	+10 10.6	1.612	2.531	10.6	20.4
11 17	0 51.23	+ 9 50.0	1.687	2.530	14.4	20.7

297989 2002 MJ_{6} 10 14.5 174.°20 1.°3/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.31	+14 11.0	2.183	2.990	13.6	21.6
9 18	1 40.21	+14 0.3	2.101	2.993	10.6	21.4
9 28	1 33.16	+13 36.7	2.041	2.994	7.1	21.2
10 8	1 24.76	+13 2.0	2.007	2.996	3.4	20.9
10 18	1 15.81	+12 19.5	2.003	2.997	1.6	20.8
10 28	1 7.22	+11 34.1	2.028	2.997	5.0	21.0
11 7	0 59.86	+10 51.3	2.081	2.997	8.7	21.3
11 17	0 54.35	+10 15.8	2.159	2.997	11.9	21.5

487203 2014 ON_{374} 10 14.5 321.°96 6.°4/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.80	− 7 20.1	1.952	2.813	12.8	21.0
9 18	1 36.93	− 8 29.6	1.885	2.805	10.1	20.8
9 28	1 31.11	− 9 38.0	1.841	2.798	7.5	20.6
10 8	1 23.95	−10 37.9	1.823	2.790	6.4	20.5
10 18	1 16.25	−11 22.6	1.831	2.783	7.5	20.6
10 28	1 8.94	−11 46.9	1.866	2.776	10.0	20.7
11 7	1 2.86	−11 48.3	1.924	2.770	12.9	20.9
11 17	0 58.64	−11 27.2	2.003	2.764	15.4	21.1

298620 2004 AS_{19} 10 14.5 356.°34 0.°7/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.09	+ 8 28.1	1.682	2.527	15.3	20.7
9 18	1 39.00	+ 8 7.4	1.609	2.525	11.7	20.5
9 28	1 32.61	+ 7 35.4	1.557	2.524	7.5	20.2
10 8	1 24.59	+ 6 55.7	1.530	2.524	3.0	19.9
10 18	1 15.91	+ 6 13.7	1.530	2.523	2.0	19.9
10 28	1 7.69	+ 5 35.5	1.557	2.523	6.6	20.2
11 7	1 0.95	+ 5 6.9	1.609	2.524	10.9	20.4
11 17	0 56.40	+ 4 51.9	1.685	2.524	14.6	20.7

312478 2008 SN_{293} 10 14.5 339.°58 2.°1/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.09	− 0 31.5	3.980	4.822	7.2	20.1
9 18	1 30.90	− 1 9.5	3.902	4.819	5.4	20.0
9 28	1 26.81	− 1 49.2	3.851	4.816	3.6	19.9
10 8	1 22.14	− 2 27.8	3.828	4.813	2.2	19.8
10 18	1 17.23	− 3 2.8	3.835	4.810	2.7	19.8
10 28	1 12.48	− 3 31.6	3.872	4.808	4.4	19.9
11 7	1 8.27	− 3 52.1	3.936	4.805	6.3	20.1
11 17	1 4.91	− 4 3.3	4.027	4.803	8.0	20.2

408444 2013 HZ_{22} 10 14.5 61.°17 6.°7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.96	− 9 59.3	2.114	2.970	12.2	19.9
9 18	1 36.72	−11 18.4	2.072	2.986	9.6	19.8
9 28	1 30.77	−12 32.9	2.054	3.001	7.5	19.7
10 8	1 23.74	−13 35.7	2.062	3.017	6.7	19.7
10 18	1 16.40	−14 21.1	2.097	3.034	7.8	19.8
10 28	1 9.57	−14 45.1	2.159	3.050	9.8	19.9
11 7	1 3.95	−14 46.6	2.244	3.066	12.1	20.1
11 17	1 0.02	−14 26.9	2.350	3.082	14.2	20.3

139116 2001 FB_{60} 10 14.5 95.°08 3.°3/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.85	+ 4 31.5	1.485	2.342	16.3	19.7
9 18	1 40.38	+ 3 22.4	1.429	2.354	12.3	19.5
9 28	1 33.46	+ 2 3.0	1.395	2.366	7.8	19.2
10 8	1 24.90	+ 0 41.2	1.386	2.377	3.8	19.0
10 18	1 15.80	− 0 34.2	1.403	2.389	4.5	19.1
10 28	1 7.39	− 1 34.8	1.447	2.400	8.7	19.4
11 7	1 0.71	− 2 14.8	1.516	2.411	12.8	19.7
11 17	0 56.43	− 2 32.1	1.606	2.422	16.3	19.9

487860 2015 TC_{113} 10 14.5 220.°19 2.°9/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.29	+ 1 57.1	2.463	3.308	11.0	21.5
9 18	1 35.37	+ 0 54.6	2.386	3.305	8.3	21.4
9 28	1 29.93	− 0 13.2	2.334	3.302	5.4	21.2
10 8	1 23.44	− 1 21.6	2.311	3.299	3.1	21.0
10 18	1 16.54	− 2 25.1	2.316	3.295	3.8	21.1
10 28	1 9.94	− 3 18.6	2.350	3.292	6.5	21.2
11 7	1 4.29	− 3 58.1	2.412	3.288	9.4	21.4
11 17	1 0.10	− 4 21.7	2.497	3.285	12.0	21.6

69438 1996 LU_{2} 10 14.5 253.°31 1.°1/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.36	+ 8 6.0	2.359	3.193	11.8	20.2
9 18	1 35.54	+ 7 15.0	2.275	3.188	9.0	20.0
9 28	1 30.10	+ 6 14.1	2.216	3.183	5.7	19.8
10 8	1 23.53	+ 5 7.5	2.183	3.177	2.3	19.6
10 18	1 16.49	+ 4 0.0	2.180	3.172	2.1	19.5
10 28	1 9.75	+ 2 57.4	2.206	3.166	5.6	19.8
11 7	1 4.01	+ 2 4.8	2.260	3.160	8.9	20.0
11 17	0 59.80	+ 1 25.6	2.339	3.155	11.8	20.2

233711 2008 SM_{102} 10 14.5 130.°98 3.°2/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.83	+ 1 46.3	1.745	2.595	14.6	20.0
9 18	1 40.90	+ 1 8.7	1.678	2.599	11.1	19.8
9 28	1 33.72	+ 0 25.5	1.634	2.602	7.2	19.6
10 8	1 25.02	− 0 17.7	1.615	2.606	3.7	19.4
10 18	1 15.73	− 0 54.9	1.624	2.609	4.3	19.4
10 28	1 6.97	− 1 20.3	1.661	2.612	7.9	19.6
11 7	0 59.71	− 1 30.1	1.723	2.614	11.7	19.9
11 17	0 54.62	− 1 22.8	1.807	2.617	15.0	20.1

137130 1999 CM_{38} 10 14.5 188.°72 1.°9/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.41	+ 4 47.8	2.340	3.176	11.8	20.6
9 18	1 37.82	+ 4 2.2	2.262	3.176	8.9	20.4
9 28	1 31.53	+ 3 9.5	2.207	3.175	5.7	20.2
10 8	1 24.10	+ 2 13.9	2.181	3.173	2.6	20.0
10 18	1 16.21	+ 1 20.4	2.184	3.171	2.9	20.0
10 28	1 8.65	+ 0 34.1	2.216	3.169	6.1	20.2
11 7	1 2.15	− 0 0.8	2.276	3.166	9.3	20.4
11 17	0 57.27	− 0 21.7	2.360	3.163	12.1	20.6

432641 2010 VM_{207} 10 14.5 353.°68 0.°4/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.42	+10 45.2	1.086	1.954	20.2	20.7
9 18	1 39.65	+10 41.0	1.022	1.949	15.7	20.5
9 28	1 33.62	+10 18.7	0.975	1.946	10.3	20.2
10 8	1 25.16	+ 9 41.8	0.949	1.943	4.3	19.8
10 18	1 15.63	+ 8 56.6	0.946	1.941	2.1	19.7
10 28	1 6.76	+ 8 12.6	0.966	1.940	8.2	20.0
11 7	1 0.05	+ 7 38.9	1.009	1.941	13.9	20.4
11 17	0 56.46	+ 7 21.8	1.071	1.942	18.7	20.6

509269 2006 UL_{212} 10 14.5 323.°71 1.°8/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.93	+13 5.2	1.237	2.089	19.2	21.6
9 18	1 39.95	+13 13.6	1.156	2.074	15.2	21.3
9 28	1 33.84	+13 3.9	1.094	2.058	10.4	21.0
10 8	1 25.30	+12 37.2	1.053	2.044	4.9	20.7
10 18	1 15.52	+11 57.7	1.035	2.030	2.3	20.5
10 28	1 6.11	+11 13.1	1.043	2.017	7.7	20.8
11 7	0 58.62	+10 32.7	1.073	2.005	13.2	21.0
11 17	0 54.12	+10 4.3	1.124	1.994	18.0	21.3

351198 2004 DD_{52} 10 14.5 176.°32 5.°6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.13	− 7 38.9	2.209	3.055	12.1	20.8
9 18	1 39.91	− 8 29.9	2.144	3.056	9.4	20.6
9 28	1 32.87	− 9 18.7	2.104	3.057	7.0	20.5
10 8	1 24.63	− 9 59.3	2.090	3.058	5.6	20.4
10 18	1 15.95	−10 26.5	2.105	3.058	6.5	20.4
10 28	1 7.70	−10 36.3	2.147	3.058	8.9	20.6
11 7	1 0.66	−10 27.3	2.215	3.058	11.5	20.8
11 17	0 55.38	− 9 59.8	2.305	3.058	13.9	20.9

131644 2001 XM_{86} 10 14.5 327.°99 2.°7/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.23	+16 1.9	1.072	1.932	21.1	18.7
9 18	1 37.50	+15 58.4	0.995	1.915	16.9	18.4
9 28	1 32.46	+15 28.9	0.934	1.899	11.7	18.1
10 8	1 24.79	+14 34.4	0.894	1.884	6.0	17.7
10 18	1 15.80	+13 20.2	0.876	1.870	2.9	17.5
10 28	1 7.23	+11 57.3	0.880	1.857	8.1	17.7
11 7	1 0.76	+10 39.3	0.906	1.845	14.1	18.0
11 17	0 57.51	+ 9 37.4	0.952	1.835	19.4	18.3

211210 2002 PZ_2 10 14.5 326.°92 7.°7/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.55	+30 47.7	1.791	2.537	18.3	19.7
9 18	1 38.94	+31 12.1	1.703	2.532	15.7	19.5
9 28	1 32.79	+31 10.3	1.633	2.527	12.8	19.3
10 8	1 24.76	+30 39.4	1.585	2.522	9.9	19.2
10 18	1 15.85	+29 39.5	1.560	2.518	7.9	19.0
10 28	1 7.35	+28 15.5	1.561	2.514	8.1	19.0
11 7	1 0.43	+26 36.6	1.588	2.510	10.4	19.2
11 17	0 55.92	+24 53.6	1.639	2.506	13.4	19.3

55571 2002 CP_{82} 10 14.5 55.°69 2.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.00	− 1 27.4	4.100	4.942	7.0	19.1
9 18	1 30.79	− 2 9.7	4.032	4.948	5.3	18.9
9 28	1 26.73	− 2 53.2	3.990	4.954	3.5	18.8
10 8	1 22.11	− 3 35.1	3.977	4.960	2.3	18.7
10 18	1 17.29	− 4 12.7	3.994	4.966	2.8	18.8
10 28	1 12.65	− 4 43.7	4.041	4.972	4.4	18.9
11 7	1 8.54	− 5 6.1	4.115	4.978	6.2	19.0
11 17	1 5.26	− 5 18.8	4.216	4.984	7.8	19.2

35663 1998 QT_{50} 10 14.5 56.°78 4.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.75	− 0 35.3	1.870	2.725	13.5	17.6
9 18	1 38.10	− 1 51.0	1.835	2.758	10.1	17.5
9 28	1 31.64	− 3 8.7	1.824	2.791	6.7	17.3
10 8	1 24.09	− 4 21.5	1.840	2.823	4.4	17.3
10 18	1 16.31	− 5 22.6	1.883	2.856	5.3	17.4
10 28	1 9.19	− 6 6.9	1.954	2.888	8.2	17.6
11 7	1 3.47	− 6 31.6	2.051	2.921	11.1	17.9
11 17	0 59.62	− 6 36.5	2.170	2.953	13.7	18.1

36455 2000 QZ_6 10 14.5 348.°41 13.°7/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.11	+31 29.6	1.230	2.003	23.7	18.4
9 18	1 43.24	+33 48.6	1.155	1.992	21.1	18.1
9 28	1 36.55	+35 43.1	1.096	1.982	18.2	17.9
10 8	1 26.61	+37 2.8	1.054	1.974	15.6	17.7
10 18	1 14.78	+37 39.7	1.033	1.967	13.9	17.6
10 28	1 3.15	+37 32.4	1.031	1.962	14.0	17.6
11 7	0 53.83	+36 48.9	1.050	1.958	15.9	17.7
11 17	0 48.33	+35 42.6	1.088	1.957	18.6	17.9

405519 2005 CS_{80} 10 14.5 273.°36 1.°6/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.84	+13 46.4	2.495	3.297	12.2	20.9
9 18	1 39.79	+14 1.9	2.395	3.283	9.6	20.7
9 28	1 32.92	+14 7.7	2.319	3.269	6.6	20.5
10 8	1 24.73	+14 4.4	2.269	3.255	3.4	20.3
10 18	1 15.89	+13 53.7	2.249	3.241	1.8	20.1
10 28	1 7.24	+13 38.5	2.258	3.227	4.6	20.3
11 7	0 59.58	+13 22.6	2.296	3.213	7.9	20.5
11 17	0 53.54	+13 9.9	2.361	3.199	10.9	20.7

311677 2006 SN_{64} 10 14.6 27.°35 3.°5/16.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.53	+16 17.5	1.402	2.231	18.6	20.2
9 18	1 41.25	+16 52.0	1.344	2.244	14.8	20.0
9 28	1 34.22	+17 8.5	1.306	2.259	10.4	19.8
10 8	1 25.29	+17 7.0	1.291	2.274	5.9	19.6
10 18	1 15.66	+16 50.1	1.300	2.291	3.6	19.5
10 28	1 6.74	+16 23.4	1.336	2.308	6.7	19.7
11 7	0 59.72	+15 54.4	1.396	2.326	10.9	20.0
11 17	0 55.36	+15 29.8	1.479	2.345	14.7	20.3

422041 2014 QV_{355} 10 14.6 354.°73 1.°4/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.81	+ 6 39.1	1.902	2.750	13.7	20.9
9 18	1 36.26	+ 6 9.9	1.827	2.747	10.4	20.7
9 28	1 30.73	+ 5 31.7	1.775	2.744	6.6	20.4
10 8	1 23.85	+ 4 48.4	1.748	2.742	2.7	20.2
10 18	1 16.40	+ 4 5.2	1.749	2.741	2.4	20.2
10 28	1 9.33	+ 3 27.8	1.777	2.740	6.4	20.4
11 7	1 3.50	+ 3 0.9	1.831	2.739	10.1	20.7
11 17	0 59.53	+ 2 47.9	1.908	2.739	13.5	20.9

309933 2009 FQ_{62} 10 14.6 142.°91 1.°2/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.20	+ 7 46.5	2.192	3.025	12.6	21.5
9 18	1 37.74	+ 7 0.7	2.120	3.032	9.6	21.3
9 28	1 31.52	+ 6 5.5	2.071	3.037	6.1	21.1
10 8	1 24.12	+ 5 4.9	2.049	3.043	2.4	20.8
10 18	1 16.27	+ 4 4.3	2.057	3.048	2.2	20.8
10 28	1 8.83	+ 3 9.2	2.093	3.053	5.8	21.1
11 7	1 2.54	+ 2 24.6	2.157	3.058	9.2	21.3
11 17	0 57.94	+ 1 53.7	2.246	3.062	12.2	21.5

267166 2000 HH_{59} 10 14.6 122.°90 2.°0/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.61	+17 4.6	1.722	2.535	16.4	20.8
9 18	1 40.12	+16 35.9	1.650	2.544	12.9	20.6
9 28	1 33.30	+15 47.7	1.599	2.552	8.8	20.4
10 8	1 24.89	+14 42.8	1.573	2.560	4.5	20.1
10 18	1 15.88	+13 26.3	1.574	2.567	2.1	20.0
10 28	1 7.42	+12 6.1	1.603	2.575	5.8	20.2
11 7	1 0.52	+10 50.8	1.659	2.582	10.0	20.5
11 17	0 55.86	+ 9 47.3	1.739	2.588	13.7	20.8

26106 1990 WJ_2 10 14.6 333.°18 3.°2/18.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.96	+23 42.1	1.684	2.480	17.4	17.7
9 18	1 36.04	+22 38.2	1.597	2.475	14.1	17.5
9 28	1 30.80	+21 4.7	1.529	2.470	10.2	17.2
10 8	1 23.92	+19 3.9	1.486	2.465	6.0	17.0
10 18	1 16.37	+16 42.5	1.470	2.461	3.2	16.8
10 28	1 9.30	+14 11.8	1.483	2.457	5.9	17.0
11 7	1 3.72	+11 45.2	1.523	2.453	10.2	17.2
11 17	1 0.34	+ 9 34.1	1.589	2.450	14.2	17.5

454558 2014 OZ_{388} 10 14.6 32.°67 4.°6/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.89	+23 46.6	2.034	2.811	15.4	21.2
9 18	1 37.88	+23 55.5	1.955	2.815	12.7	21.1
9 28	1 31.81	+23 44.8	1.896	2.820	9.6	20.9
10 8	1 24.29	+23 14.4	1.861	2.826	6.5	20.7
10 18	1 16.18	+22 26.3	1.853	2.831	4.7	20.6
10 28	1 8.47	+21 25.4	1.872	2.837	5.8	20.7
11 7	1 2.08	+20 18.8	1.918	2.843	8.7	20.9
11 17	0 57.66	+19 13.7	1.989	2.849	11.7	21.1

102113 1999 RZ_{167} 10 14.6 350.°44 3.°5/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.57	+14 26.0	1.207	2.050	20.2	18.2
9 18	1 43.54	+15 12.0	1.136	2.045	16.1	17.9
9 28	1 36.17	+15 41.3	1.083	2.041	11.3	17.6
10 8	1 26.25	+15 53.1	1.051	2.038	6.2	17.3
10 18	1 15.12	+15 48.6	1.044	2.036	3.6	17.2
10 28	1 4.54	+15 33.0	1.061	2.034	7.7	17.4
11 7	0 56.11	+15 14.1	1.101	2.034	12.9	17.7
11 17	0 50.89	+14 59.8	1.162	2.034	17.5	18.0

156921 2003 FT_{56} 10 14.6 258.°39 0.°8/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.77	+ 8 21.2	1.739	2.577	15.2	21.1
9 18	1 41.16	+ 7 58.8	1.651	2.564	11.7	20.8
9 28	1 34.14	+ 7 24.7	1.584	2.551	7.6	20.6
10 8	1 25.32	+ 6 42.4	1.543	2.537	3.0	20.3
10 18	1 15.64	+ 5 57.0	1.529	2.523	2.1	20.2
10 28	1 6.29	+ 5 15.0	1.543	2.509	6.9	20.5
11 7	0 58.37	+ 4 42.6	1.584	2.494	11.3	20.7
11 17	0 52.70	+ 4 24.1	1.647	2.480	15.2	20.9

301476 2009 DR_{128} 10 14.6 219.°97 0.°7/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.11	+11 5.2	2.156	2.971	13.4	21.1
9 18	1 41.69	+11 9.1	2.067	2.965	10.4	20.9
9 28	1 34.23	+11 3.1	2.001	2.959	6.9	20.7
10 8	1 25.28	+10 48.7	1.961	2.952	3.0	20.4
10 18	1 15.67	+10 28.6	1.951	2.945	1.4	20.3
10 28	1 6.36	+10 6.8	1.970	2.938	5.3	20.5
11 7	0 58.27	+ 9 47.8	2.017	2.931	9.1	20.8
11 17	0 52.07	+ 9 35.6	2.089	2.923	12.4	21.0

224062 2005 NB_{10} 10 14.6 79.°92 0.°3/14.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.94	+10 34.5	1.462	2.303	17.4	21.4
9 18	1 41.99	+ 9 59.9	1.409	2.323	13.3	21.1
9 28	1 34.50	+ 9 10.3	1.376	2.342	8.5	20.9
10 8	1 25.35	+ 8 10.8	1.368	2.362	3.3	20.7
10 18	1 15.70	+ 7 8.1	1.387	2.381	2.0	20.6
10 28	1 6.84	+ 6 10.5	1.432	2.400	7.0	21.0
11 7	0 59.83	+ 5 24.9	1.504	2.419	11.4	21.3
11 17	0 55.32	+ 4 55.7	1.597	2.438	15.2	21.6

487275 2014 PN_{64} 10 14.6 19.°19 8.°5/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.77	−11 7.3	1.683	2.553	14.1	20.2
9 18	1 35.55	−12 45.5	1.641	2.561	11.3	20.0
9 28	1 30.27	−14 17.6	1.622	2.569	9.2	19.9
10 8	1 23.64	−15 34.1	1.628	2.579	8.6	19.9
10 18	1 16.59	−16 27.2	1.658	2.589	9.8	20.0
10 28	1 10.10	−16 52.2	1.712	2.600	12.1	20.2
11 7	1 5.02	−16 48.2	1.788	2.612	14.7	20.4
11 17	1 1.93	−16 17.5	1.883	2.624	16.9	20.6

361344 2006 UQ_{134} 10 14.6 293.°01 0.°3/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.66	+10 49.8	1.922	2.757	14.1	21.3
9 18	1 37.02	+10 10.4	1.833	2.744	10.8	21.1
9 28	1 31.33	+ 9 17.1	1.766	2.731	7.0	20.8
10 8	1 24.15	+ 8 13.5	1.725	2.718	2.8	20.5
10 18	1 16.29	+ 7 5.1	1.711	2.705	1.7	20.4
10 28	1 8.73	+ 5 58.7	1.726	2.693	6.1	20.7
11 7	1 2.39	+ 5 1.1	1.767	2.680	10.2	20.9
11 17	0 57.97	+ 4 17.6	1.832	2.668	13.7	21.1

348277 2004 VE_{38} 10 14.6 105.°26 1.°7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.14	+ 5 46.0	1.767	2.609	14.8	21.0
9 18	1 41.09	+ 5 17.6	1.703	2.619	11.2	20.8
9 28	1 33.84	+ 4 40.7	1.660	2.628	7.1	20.6
10 8	1 25.10	+ 3 59.7	1.644	2.637	2.9	20.4
10 18	1 15.83	+ 3 20.0	1.655	2.647	2.8	20.4
10 28	1 7.12	+ 2 47.6	1.695	2.655	6.9	20.7
11 7	0 59.91	+ 2 26.9	1.761	2.664	10.8	20.9
11 17	0 54.86	+ 2 20.6	1.850	2.673	14.2	21.2

79603 1998 RK_{44} 10 14.6 41.°43 6.°8/ 9.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.57	− 0 25.8	1.042	1.931	19.3	18.2
9 18	1 39.16	− 2 15.2	1.015	1.955	14.5	18.0
9 28	1 32.80	− 4 8.1	1.008	1.981	9.7	17.8
10 8	1 24.66	− 5 50.9	1.023	2.007	6.9	17.8
10 18	1 16.14	− 7 11.2	1.061	2.034	8.3	17.9
10 28	1 8.71	− 8 0.6	1.123	2.062	12.2	18.3
11 7	1 3.48	− 8 16.8	1.205	2.091	16.1	18.6
11 17	1 1.00	− 8 2.4	1.306	2.120	19.4	18.9

471979 2013 TC_{113} 10 14.6 94.°59 1.°4/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.94	+ 7 17.5	1.536	2.378	16.6	21.5
9 18	1 43.38	+ 6 45.1	1.482	2.398	12.6	21.3
9 28	1 35.34	+ 6 1.7	1.451	2.418	8.0	21.1
10 8	1 25.69	+ 5 12.6	1.444	2.438	3.2	20.8
10 18	1 15.57	+ 4 24.0	1.464	2.457	2.7	20.9
10 28	1 6.22	+ 3 43.0	1.512	2.475	7.2	21.2
11 7	0 58.70	+ 3 14.9	1.586	2.493	11.5	21.5
11 17	0 53.64	+ 3 2.7	1.683	2.511	15.1	21.8

283019 2007 VD_{182} 10 14.6 282.°48 6.°9/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.16	+28 36.0	1.934	2.684	17.0	20.8
9 18	1 40.08	+29 6.1	1.837	2.672	14.5	20.6
9 28	1 33.53	+29 13.7	1.759	2.659	11.7	20.4
10 8	1 25.12	+28 56.2	1.704	2.647	8.9	20.2
10 18	1 15.78	+28 13.2	1.673	2.635	7.1	20.0
10 28	1 6.69	+27 8.5	1.668	2.622	7.6	20.0
11 7	0 59.03	+25 49.7	1.690	2.610	10.0	20.2
11 17	0 53.65	+24 26.1	1.736	2.598	13.1	20.3

305163 2007 VB_{235} 10 14.6 288.°31 1.°6/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.34	+ 6 9.4	1.852	2.696	14.1	21.4
9 18	1 39.04	+ 5 38.7	1.774	2.692	10.8	21.2
9 28	1 32.60	+ 4 58.9	1.719	2.687	6.9	20.9
10 8	1 24.65	+ 4 14.1	1.689	2.683	2.8	20.7
10 18	1 16.07	+ 3 29.8	1.687	2.678	2.7	20.7
10 28	1 7.88	+ 2 51.8	1.713	2.674	6.7	20.9
11 7	1 1.03	+ 2 25.3	1.764	2.669	10.7	21.1
11 17	0 56.19	+ 2 13.4	1.840	2.665	14.1	21.4

60219 1999 VY_{93} 10 14.6 1.°04 0.°3/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.28	+ 9 11.8	2.004	2.838	13.6	19.7
9 18	1 38.06	+ 8 55.6	1.927	2.837	10.4	19.5
9 28	1 31.88	+ 8 29.2	1.872	2.837	6.7	19.2
10 8	1 24.34	+ 7 55.7	1.844	2.837	2.7	19.0
10 18	1 16.25	+ 7 19.3	1.843	2.837	1.6	18.9
10 28	1 8.53	+ 6 44.9	1.871	2.838	5.7	19.2
11 7	1 2.04	+ 6 17.6	1.925	2.838	9.4	19.4
11 17	0 57.42	+ 6 0.9	2.004	2.839	12.7	19.6

293584 2007 JV_2 10 14.6 226.°82 2.°9/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.46	+ 0 41.0	2.398	3.242	11.3	20.7
9 18	1 37.08	− 0 0.4	2.321	3.239	8.6	20.5
9 28	1 31.09	− 0 45.6	2.269	3.236	5.6	20.3
10 8	1 23.99	− 1 30.1	2.245	3.233	3.2	20.1
10 18	1 16.44	− 2 9.5	2.249	3.229	3.8	20.2
10 28	1 9.21	− 2 39.1	2.282	3.226	6.6	20.3
11 7	1 2.99	− 2 55.9	2.342	3.222	9.5	20.5
11 17	0 58.31	− 2 58.3	2.426	3.218	12.1	20.7

156707 2002 LW_{59} 10 14.6 152.°80 0.°6/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.35	+13 59.6	2.715	3.520	11.2	20.7
9 18	1 36.07	+13 19.6	2.633	3.526	8.7	20.5
9 28	1 30.34	+12 28.0	2.577	3.532	5.7	20.4
10 8	1 23.66	+11 27.7	2.547	3.538	2.5	20.2
10 18	1 16.62	+10 22.2	2.548	3.543	1.1	20.0
10 28	1 9.88	+ 9 16.5	2.579	3.548	4.2	20.3
11 7	1 4.08	+ 8 15.5	2.640	3.552	7.2	20.5
11 17	0 59.66	+ 7 23.2	2.727	3.556	9.9	20.7

487337 2014 QA_{192} 10 14.6 43.°51 2.°0/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.56	+16 19.3	2.009	2.821	14.4	20.4
9 18	1 37.49	+16 9.7	1.939	2.831	11.3	20.2
9 28	1 31.48	+15 45.0	1.891	2.842	7.8	20.0
10 8	1 24.17	+15 7.1	1.867	2.853	4.1	19.8
10 18	1 16.36	+14 19.5	1.872	2.864	2.1	19.7
10 28	1 9.00	+13 27.8	1.904	2.876	5.1	19.9
11 7	1 2.92	+12 37.9	1.964	2.888	8.6	20.2
11 17	0 58.71	+11 55.3	2.049	2.900	11.8	20.4

50535 2000 EB_{13} 10 14.6 62.°10 2.°3/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.12	+ 3 17.1	1.759	2.606	14.6	19.0
9 18	1 41.10	+ 2 57.5	1.695	2.614	11.1	18.8
9 28	1 33.86	+ 2 32.1	1.653	2.622	7.1	18.6
10 8	1 25.13	+ 2 5.2	1.637	2.630	3.2	18.4
10 18	1 15.87	+ 1 41.8	1.649	2.638	3.3	18.4
10 28	1 7.15	+ 1 26.9	1.688	2.646	7.2	18.7
11 7	0 59.93	+ 1 24.1	1.753	2.654	11.0	18.9
11 17	0 54.87	+ 1 35.2	1.841	2.662	14.3	19.2

365798 2011 BF_{26} 10 14.6 337.°00 5.°7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.51	− 3 41.1	1.774	2.643	13.5	19.8
9 18	1 35.44	− 4 57.7	1.704	2.632	10.4	19.6
9 28	1 30.31	− 6 17.1	1.657	2.622	7.4	19.4
10 8	1 23.75	− 7 31.4	1.635	2.612	5.8	19.3
10 18	1 16.58	− 8 32.7	1.639	2.603	7.0	19.4
10 28	1 9.78	− 9 14.3	1.669	2.594	10.0	19.5
11 7	1 4.27	− 9 32.3	1.723	2.587	13.2	19.7
11 17	1 0.69	− 9 26.2	1.797	2.580	16.1	19.9

29835 1999 FW_1 10 14.6 152.°87 0.°6/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.36	+ 9 50.3	1.749	2.585	15.2	18.9
9 18	1 39.88	+ 9 11.1	1.676	2.588	11.6	18.7
9 28	1 33.16	+ 8 18.6	1.625	2.591	7.5	18.5
10 8	1 24.89	+ 7 17.0	1.600	2.593	2.9	18.2
10 18	1 16.00	+ 6 12.5	1.602	2.596	2.0	18.1
10 28	1 7.61	+ 5 12.2	1.633	2.598	6.5	18.4
11 7	1 0.68	+ 4 22.9	1.689	2.600	10.7	18.7
11 17	0 55.90	+ 3 49.0	1.770	2.602	14.3	18.9

297371 2000 FC_{51} 10 14.6 339.°41 0.°5/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.36	+11 11.6	1.724	2.559	15.4	20.4
9 18	1 39.27	+11 2.2	1.646	2.555	11.9	20.1
9 28	1 32.86	+10 39.7	1.589	2.552	7.9	19.9
10 8	1 24.81	+10 6.8	1.556	2.549	3.3	19.6
10 18	1 16.03	+ 9 27.7	1.551	2.546	1.5	19.5
10 28	1 7.67	+ 8 48.5	1.573	2.543	6.1	19.8
11 7	1 0.76	+ 8 15.2	1.621	2.541	10.4	20.0
11 17	0 56.02	+ 7 52.7	1.692	2.539	14.2	20.3

148302 2000 JR_{62} 10 14.6 267.°31 1.°2/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.99	+11 14.1	1.724	2.547	16.0	20.1
9 18	1 44.66	+11 29.9	1.626	2.527	12.6	19.8
9 28	1 36.60	+11 34.5	1.549	2.508	8.5	19.5
10 8	1 26.43	+11 28.6	1.497	2.487	3.8	19.2
10 18	1 15.13	+11 14.6	1.472	2.467	1.8	19.0
10 28	1 4.01	+10 57.0	1.476	2.446	6.5	19.3
11 7	0 54.37	+10 41.5	1.506	2.424	11.2	19.5
11 17	0 47.18	+10 33.2	1.560	2.403	15.4	19.7

477083 2009 BZ_{97} 10 14.6 332.°96 0.°1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.41	+ 9 25.3	1.484	2.333	16.8	20.9
9 18	1 39.71	+ 9 20.5	1.405	2.323	13.0	20.6
9 28	1 33.37	+ 9 3.0	1.347	2.314	8.5	20.4
10 8	1 25.08	+ 8 35.6	1.312	2.305	3.5	20.0
10 18	1 15.88	+ 8 3.1	1.302	2.297	1.8	19.9
10 28	1 7.09	+ 7 32.1	1.319	2.290	7.0	20.2
11 7	0 59.94	+ 7 9.0	1.361	2.283	11.8	20.5
11 17	0 55.27	+ 6 58.7	1.424	2.277	16.0	20.7

240942 2006 GG_{29} 10 14.6 289.°31 2.°9/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.91	+ 0 52.4	1.683	2.529	15.2	20.6
9 18	1 44.43	+ 0 50.6	1.596	2.514	11.7	20.3
9 28	1 36.33	+ 0 45.6	1.531	2.498	7.7	20.1
10 8	1 26.26	+ 0 41.8	1.492	2.483	3.8	19.8
10 18	1 15.26	+ 0 43.5	1.480	2.468	3.9	19.8
10 28	1 4.59	+ 0 54.9	1.496	2.453	8.1	20.0
11 7	0 55.48	+ 1 19.0	1.538	2.437	12.3	20.2
11 17	0 48.78	+ 1 57.1	1.603	2.422	16.1	20.4

8060 Anius 10 14.6 345.°06 0.°5/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.93	+11 56.5	3.940	4.746	8.0	17.8
9 18	1 32.36	+11 48.1	3.850	4.743	6.2	17.7
9 28	1 27.83	+11 33.6	3.785	4.741	4.1	17.5
10 8	1 22.65	+11 14.2	3.749	4.739	1.8	17.4
10 18	1 17.19	+10 51.7	3.742	4.736	0.8	17.3
10 28	1 11.90	+10 28.4	3.766	4.734	3.0	17.5
11 7	1 7.16	+10 6.7	3.819	4.733	5.2	17.6
11 17	1 3.33	+ 9 48.7	3.900	4.731	7.2	17.8

317790 2003 SU_{171} 10 14.6 65.°31 0.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.96	+12 50.5	1.584	2.419	16.6	20.9
9 18	1 39.58	+12 8.3	1.530	2.440	12.7	20.7
9 28	1 32.91	+11 9.8	1.497	2.461	8.2	20.5
10 8	1 24.75	+ 9 59.5	1.489	2.482	3.4	20.3
10 18	1 16.14	+ 8 44.5	1.508	2.503	1.6	20.2
10 28	1 8.23	+ 7 32.9	1.554	2.524	6.3	20.6
11 7	1 1.98	+ 6 32.3	1.627	2.545	10.5	20.9
11 17	0 57.99	+ 5 47.4	1.723	2.566	14.1	21.1

452775 2006 DW_{27} 10 14.6 196.°68 3.°2/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.07	+ 0 41.7	2.571	3.417	10.6	21.7
9 18	1 35.18	− 0 30.0	2.497	3.415	8.0	21.5
9 28	1 29.82	− 1 46.4	2.448	3.414	5.3	21.3
10 8	1 23.49	− 3 2.2	2.427	3.412	3.3	21.2
10 18	1 16.76	− 4 12.0	2.436	3.410	4.1	21.3
10 28	1 10.33	− 5 10.7	2.474	3.408	6.7	21.4
11 7	1 4.80	− 5 54.4	2.539	3.406	9.4	21.6
11 17	1 0.67	− 6 21.4	2.628	3.403	11.8	21.8

511628 2015 BQ_{100} 10 14.6 173.°27 3.°0/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.43	+ 3 18.8	1.891	2.733	14.0	22.5
9 18	1 41.25	+ 2 19.8	1.819	2.737	10.6	22.3
9 28	1 33.95	+ 1 13.0	1.772	2.739	6.8	22.0
10 8	1 25.20	+ 0 4.4	1.751	2.741	3.5	21.8
10 18	1 15.89	− 0 59.2	1.759	2.743	4.1	21.9
10 28	1 7.05	− 1 51.2	1.795	2.743	7.7	22.1
11 7	0 59.62	− 2 26.7	1.858	2.743	11.3	22.3
11 17	0 54.23	− 2 43.5	1.944	2.743	14.5	22.5

221760 2007 FH_{23} 10 14.6 212.°00 1.°2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 41.26	+ 6 48.9	2.570	3.399	11.1	21.1
9 18	1 36.88	+ 6 12.3	2.485	3.394	8.4	20.9
9 28	1 30.96	+ 5 28.1	2.424	3.389	5.4	20.7
10 8	1 23.96	+ 4 39.7	2.391	3.384	2.2	20.5
10 18	1 16.53	+ 3 51.1	2.387	3.378	2.0	20.5
10 28	1 9.35	+ 3 6.9	2.413	3.372	5.2	20.7
11 7	1 3.12	+ 2 31.1	2.468	3.366	8.3	20.9
11 17	0 58.34	+ 2 6.6	2.548	3.360	11.1	21.1

487406 2014 QU_{360} 10 14.6 335.°96 2.°2/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 44.25	+15 35.7	2.279	3.081	13.2	20.9
9 18	1 39.46	+15 52.6	2.193	3.078	10.5	20.7
9 28	1 32.77	+15 57.9	2.129	3.076	7.3	20.5
10 8	1 24.75	+15 51.8	2.091	3.075	4.0	20.3
10 18	1 16.12	+15 36.4	2.082	3.073	2.3	20.2
10 28	1 7.78	+15 14.8	2.101	3.071	4.9	20.4
11 7	1 0.57	+14 51.8	2.149	3.070	8.2	20.6
11 17	0 55.12	+14 31.6	2.222	3.068	11.2	20.8

275081 2009 UN_{149} 10 14.6 241.°15 2.°9/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 47.23	+ 2 44.9	1.636	2.486	15.4	20.6
9 18	1 42.29	+ 2 15.7	1.561	2.481	11.8	20.4
9 28	1 34.85	+ 1 39.8	1.507	2.476	7.6	20.1
10 8	1 25.64	+ 1 2.3	1.479	2.471	3.7	19.9
10 18	1 15.66	+ 0 29.4	1.478	2.466	4.0	19.9
10 28	1 6.16	+ 0 7.0	1.505	2.460	8.1	20.1
11 7	0 58.23	− 0 0.4	1.556	2.454	12.3	20.3
11 17	0 52.67	+ 0 9.3	1.630	2.449	15.9	20.6

324881 2007 TP_{398} 10 14.6 310.°84 1.°4/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 47.56	+11 21.8	1.252	2.100	19.3	21.0
9 18	1 43.53	+11 40.8	1.173	2.088	15.2	20.7
9 28	1 36.23	+11 45.1	1.112	2.077	10.2	20.4
10 8	1 26.39	+11 35.7	1.074	2.066	4.7	20.0
10 18	1 15.28	+11 16.0	1.061	2.055	2.1	19.8
10 28	1 4.60	+10 52.4	1.072	2.045	7.7	20.2
11 7	0 55.92	+10 32.5	1.107	2.036	13.3	20.4
11 17	0 50.35	+10 23.0	1.163	2.026	18.0	20.7

426114 2012 FH_{61} 10 14.6 199.°15 2.°6/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 46.11	+ 5 15.7	1.564	2.415	16.0	21.6
9 18	1 41.51	+ 4 23.3	1.492	2.413	12.2	21.3
9 28	1 34.38	+ 3 19.8	1.442	2.411	7.8	21.1
10 8	1 25.47	+ 2 11.5	1.416	2.409	3.5	20.8
10 18	1 15.82	+ 1 6.0	1.418	2.406	3.9	20.8
10 28	1 6.68	+ 0 11.5	1.447	2.403	8.2	21.1
11 7	0 59.19	− 0 25.8	1.501	2.400	12.6	21.3
11 17	0 54.10	− 0 42.6	1.576	2.396	16.3	21.6

374747 2006 SR_{179} 10 14.6 103.°38 0.°1/14.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 49.97	+ 9 36.6	1.531	2.366	17.0	21.7
9 18	1 44.34	+ 9 25.4	1.471	2.381	13.1	21.5
9 28	1 36.11	+ 9 1.5	1.431	2.396	8.4	21.3
10 8	1 26.12	+ 8 28.5	1.417	2.410	3.4	21.0
10 18	1 15.53	+ 7 51.4	1.429	2.424	1.8	20.9
10 28	1 5.67	+ 7 16.8	1.469	2.437	6.8	21.3
11 7	0 57.64	+ 6 50.6	1.536	2.451	11.3	21.6
11 17	0 52.16	+ 6 37.0	1.625	2.463	15.0	21.8

195479 2002 GX_{130} 10 14.6 280.°16 0.°5/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.45	+12 7.8	1.722	2.554	15.6	20.4
9 18	1 39.38	+11 43.8	1.641	2.549	12.1	20.1
9 28	1 32.98	+11 4.8	1.582	2.544	8.0	19.9
10 8	1 24.91	+10 13.7	1.547	2.539	3.4	19.6
10 18	1 16.11	+ 9 15.8	1.540	2.534	1.5	19.5
10 28	1 7.72	+ 8 17.9	1.560	2.529	6.2	19.8
11 7	1 0.77	+ 7 27.3	1.606	2.525	10.6	20.0
11 17	0 56.02	+ 6 49.5	1.675	2.520	14.4	20.2

400757 2010 BK_{96} 10 14.6 19.°20 3.°1/17.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 37.90	+20 25.9	1.646	2.461	17.0	20.7
9 18	1 35.16	+19 59.8	1.580	2.470	13.6	20.5
9 28	1 30.21	+19 11.0	1.534	2.480	9.7	20.3
10 8	1 23.75	+18 2.0	1.510	2.491	5.6	20.1
10 18	1 16.75	+16 37.9	1.513	2.504	3.1	20.0
10 28	1 10.27	+15 7.3	1.543	2.517	5.7	20.2
11 7	1 5.28	+13 39.4	1.599	2.531	9.6	20.5
11 17	1 2.38	+12 22.3	1.678	2.545	13.2	20.7

278320 2007 HT_{45} 10 14.6 80.°47 1.°3/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.47	+ 8 4.0	1.625	2.470	15.7	21.3
9 18	1 40.03	+ 7 22.9	1.562	2.480	11.9	21.1
9 28	1 33.28	+ 6 29.9	1.522	2.490	7.6	20.8
10 8	1 24.98	+ 5 30.0	1.506	2.500	3.0	20.6
10 18	1 16.12	+ 4 29.8	1.518	2.511	2.5	20.6
10 28	1 7.86	+ 3 36.8	1.557	2.521	7.0	20.9
11 7	1 1.19	+ 2 56.9	1.622	2.531	11.2	21.2
11 17	0 56.75	+ 2 33.8	1.710	2.541	14.7	21.4

476779 2008 UQ_{128} 10 14.6 355.°22 2.°6/12.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 34.32	+ 7 10.1	1.038	1.928	19.2	20.3
9 18	1 33.47	+ 6 17.3	0.977	1.919	14.6	20.0
9 28	1 29.66	+ 5 6.6	0.934	1.912	9.3	19.7
10 8	1 23.69	+ 3 46.2	0.912	1.907	3.9	19.4
10 18	1 16.78	+ 2 27.1	0.913	1.904	4.2	19.4
10 28	1 10.47	+ 1 21.6	0.936	1.904	9.7	19.7
11 7	1 6.10	+ 0 39.0	0.980	1.905	15.0	20.0
11 17	1 4.53	+ 0 23.6	1.042	1.908	19.5	20.3

439659 2014 HM_{55} 10 14.6 285.°04 1.°5/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 42.48	+ 7 39.1	1.732	2.578	14.9	20.8
9 18	1 38.66	+ 6 56.3	1.646	2.564	11.4	20.5
9 28	1 32.56	+ 6 1.0	1.582	2.551	7.3	20.3
10 8	1 24.77	+ 4 57.8	1.543	2.537	3.0	20.0
10 18	1 16.21	+ 3 53.1	1.532	2.524	2.7	19.9
10 28	1 7.97	+ 2 54.5	1.548	2.510	7.2	20.2
11 7	1 1.10	+ 2 8.7	1.589	2.497	11.5	20.4
11 17	0 56.38	+ 1 40.1	1.653	2.483	15.3	20.6

387389 2013 AV_{130} 10 14.6 91.°90 2.°1/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 34.28	− 1 8.3	4.348	5.188	6.7	20.3
9 18	1 31.01	− 1 44.2	4.276	5.191	5.1	20.2
9 28	1 26.93	− 2 21.2	4.230	5.194	3.4	20.0
10 8	1 22.32	− 2 56.9	4.213	5.197	2.1	19.9
10 18	1 17.51	− 3 29.0	4.226	5.200	2.6	20.0
10 28	1 12.86	− 3 55.2	4.269	5.203	4.1	20.1
11 7	1 8.70	− 4 13.7	4.340	5.206	5.8	20.2
11 17	1 5.33	− 4 23.6	4.437	5.209	7.4	20.4

91980 1999 VD_{98} 10 14.6 121.°85 2.°6/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 44.08	+ 1 31.8	2.228	3.069	12.2	19.3
9 18	1 39.20	+ 1 8.2	2.155	3.071	9.2	19.1
9 28	1 32.53	+ 0 41.0	2.105	3.072	6.0	18.9
10 8	1 24.66	+ 0 13.9	2.083	3.073	3.0	18.7
10 18	1 16.31	− 0 8.8	2.090	3.075	3.4	18.8
10 28	1 8.33	− 0 23.2	2.125	3.076	6.5	19.0
11 7	1 1.51	− 0 26.3	2.187	3.077	9.6	19.2
11 17	0 56.39	− 0 16.6	2.274	3.078	12.5	19.4

295627 2008 SF_{236} 10 14.6 294.°92 0.°8/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 33.99	+14 49.5	4.420	5.214	7.4	20.3
9 18	1 30.84	+14 27.5	4.326	5.210	5.8	20.2
9 28	1 26.85	+13 58.4	4.258	5.207	3.9	20.1
10 8	1 22.30	+13 23.7	4.217	5.204	1.9	19.9
10 18	1 17.52	+12 45.1	4.207	5.201	0.9	19.8
10 28	1 12.88	+12 5.0	4.228	5.198	2.6	20.0
11 7	1 8.74	+11 25.9	4.279	5.195	4.6	20.1
11 17	1 5.38	+10 50.1	4.357	5.192	6.4	20.3

449807 2014 OH_{324} 10 14.6 347.°79 0.°8/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 41.46	+12 25.3	1.887	2.717	14.5	21.2
9 18	1 37.66	+12 13.2	1.807	2.713	11.3	20.9
9 28	1 31.77	+11 47.8	1.749	2.710	7.5	20.7
10 8	1 24.42	+11 11.7	1.716	2.707	3.3	20.5
10 18	1 16.42	+10 28.8	1.709	2.704	1.4	20.3
10 28	1 8.79	+ 9 44.7	1.731	2.702	5.6	20.6
11 7	1 2.46	+ 9 5.4	1.780	2.701	9.6	20.8
11 17	0 58.08	+ 8 35.8	1.852	2.699	13.1	21.1

159928 2005 CV_{69} 10 14.6 74.°36 19.°6/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	2 7.28	−15 22.6	0.707	1.586	26.9	19.5
9 18	1 57.65	−21 26.2	0.732	1.644	22.2	19.5
9 28	1 44.12	−26 25.7	0.779	1.699	19.8	19.6
10 8	1 28.92	−29 57.1	0.847	1.752	19.9	19.9
10 18	1 14.50	−31 56.4	0.934	1.804	21.6	20.2
10 28	1 2.90	−32 34.8	1.038	1.853	23.6	20.5
11 7	0 55.18	−32 11.3	1.155	1.900	25.5	20.9
11 17	0 51.47	−31 4.0	1.282	1.944	26.9	21.2

516719 2009 BM_{67} 10 14.6 223.°64 1.°7/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.08	+ 6 2.8	2.258	3.092	12.3	22.4
9 18	1 38.54	+ 5 15.6	2.171	3.083	9.3	22.1
9 28	1 32.19	+ 4 19.6	2.107	3.074	5.9	21.9
10 8	1 24.56	+ 3 19.1	2.071	3.064	2.5	21.7
10 18	1 16.38	+ 2 19.0	2.064	3.054	2.7	21.7
10 28	1 8.48	+ 1 25.3	2.087	3.043	6.2	21.9
11 7	1 1.66	+ 0 42.9	2.137	3.032	9.6	22.1
11 17	0 56.52	+ 0 14.8	2.212	3.020	12.7	22.3

431526 2007 TR_{268} 10 14.6 87.°81 0.°4/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.94	+10 45.2	1.336	2.181	18.5	21.3
9 18	1 43.07	+10 8.5	1.282	2.198	14.1	21.1
9 28	1 35.40	+ 9 15.1	1.247	2.214	9.1	20.8
10 8	1 25.88	+ 8 10.4	1.237	2.231	3.6	20.5
10 18	1 15.76	+ 7 2.2	1.252	2.247	2.1	20.5
10 28	1 6.48	+ 5 59.5	1.294	2.263	7.4	20.9
11 7	0 59.21	+ 5 10.2	1.361	2.278	12.2	21.2
11 17	0 54.66	+ 4 39.2	1.450	2.294	16.2	21.5

31491 Demessie 10 14.6 17.°19 1.°5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.70	+13 45.4	1.615	2.442	16.7	18.5
9 18	1 41.25	+13 40.8	1.539	2.442	13.0	18.2
9 28	1 34.27	+13 20.1	1.484	2.443	8.8	18.0
10 8	1 25.48	+12 45.5	1.453	2.443	4.2	17.7
10 18	1 15.92	+12 1.0	1.449	2.443	1.9	17.6
10 28	1 6.83	+11 13.3	1.471	2.443	6.2	17.9
11 7	0 59.37	+10 29.5	1.520	2.443	10.7	18.1
11 17	0 54.29	+ 9 55.8	1.592	2.444	14.6	18.4

296788 2009 VP_1 10 14.6 124.°07 3.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.91	+ 2 28.1	1.637	2.486	15.4	20.9
9 18	1 42.67	+ 1 54.5	1.573	2.493	11.7	20.7
9 28	1 35.01	+ 1 14.8	1.531	2.499	7.5	20.5
10 8	1 25.72	+ 0 34.4	1.514	2.506	3.7	20.2
10 18	1 15.82	− 0 0.5	1.525	2.512	4.1	20.3
10 28	1 6.53	− 0 24.1	1.564	2.518	8.0	20.5
11 7	0 58.87	− 0 32.2	1.627	2.523	12.0	20.8
11 17	0 53.55	− 0 23.5	1.713	2.528	15.5	21.0

513490 2009 EH_{23} 10 14.6 177.°36 0.°2/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.43	+ 7 54.6	2.376	3.191	12.3	21.9
9 18	1 42.46	+ 7 56.5	2.293	3.193	9.5	21.7
9 28	1 34.64	+ 7 51.4	2.234	3.194	6.1	21.5
10 8	1 25.54	+ 7 41.3	2.202	3.195	2.4	21.3
10 18	1 15.91	+ 7 28.9	2.201	3.196	1.4	21.2
10 28	1 6.62	+ 7 17.6	2.231	3.195	5.1	21.5
11 7	0 58.47	+ 7 10.7	2.289	3.195	8.5	21.7
11 17	0 52.07	+ 7 11.0	2.373	3.194	11.5	21.9

258508 2002 AK_{124} 10 14.6 131.°20 5.°8/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.37	− 3 3.5	1.588	2.444	15.5	20.5
9 18	1 42.97	− 4 18.0	1.535	2.456	11.9	20.3
9 28	1 35.16	− 5 34.5	1.505	2.468	8.2	20.1
10 8	1 25.76	− 6 44.2	1.500	2.479	5.9	20.0
10 18	1 15.85	− 7 39.0	1.521	2.489	7.0	20.1
10 28	1 6.64	− 8 12.5	1.570	2.499	10.2	20.3
11 7	0 59.15	− 8 21.8	1.643	2.508	13.7	20.6
11 17	0 54.03	− 8 7.6	1.736	2.516	16.7	20.8

165609 2001 FN_{69} 10 14.6 240.°03 3.°6/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.52	+ 2 30.4	1.993	2.843	13.0	20.2
9 18	1 37.56	+ 1 7.4	1.912	2.834	9.9	20.0
9 28	1 31.66	− 0 24.3	1.856	2.825	6.4	19.8
10 8	1 24.38	− 1 58.0	1.828	2.815	3.8	19.6
10 18	1 16.51	− 3 25.9	1.827	2.805	4.8	19.7
10 28	1 8.97	− 4 40.3	1.855	2.795	8.1	19.8
11 7	1 2.63	− 5 35.7	1.909	2.785	11.5	20.0
11 17	0 58.11	− 6 9.4	1.986	2.774	14.6	20.2

515492 2014 DU_{32} 10 14.6 196.°37 3.°3/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.50	+ 1 43.7	1.923	2.770	13.5	21.9
9 18	1 39.83	+ 0 53.2	1.849	2.769	10.3	21.7
9 28	1 33.10	− 0 3.2	1.800	2.767	6.7	21.5
10 8	1 24.95	− 0 59.9	1.776	2.765	3.7	21.3
10 18	1 16.23	− 1 50.7	1.781	2.763	4.3	21.3
10 28	1 7.93	− 2 29.6	1.814	2.761	7.7	21.5
11 7	1 0.94	− 2 52.4	1.873	2.758	11.2	21.8
11 17	0 55.91	− 2 57.3	1.954	2.755	14.4	22.0

171581 1999 VE_{57} 10 14.6 312.°27 2.°6/17.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.48	+19 8.2	1.606	2.425	17.1	19.9
9 18	1 36.70	+18 33.2	1.515	2.410	13.7	19.6
9 28	1 31.46	+17 33.8	1.443	2.395	9.7	19.3
10 8	1 24.41	+16 11.6	1.395	2.380	5.3	19.0
10 18	1 16.48	+14 32.1	1.373	2.366	2.6	18.8
10 28	1 8.90	+12 44.4	1.378	2.352	6.2	19.0
11 7	1 2.80	+10 59.9	1.409	2.339	10.8	19.3
11 17	0 59.00	+ 9 28.3	1.463	2.326	15.1	19.5

351392 2005 EQ_{198} 10 14.6 329.°29 2.°0/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.11	+12 57.8	1.592	2.422	16.7	20.3
9 18	1 41.76	+13 22.7	1.508	2.413	13.2	20.1
9 28	1 34.75	+13 34.4	1.446	2.404	9.0	19.8
10 8	1 25.76	+13 33.7	1.406	2.395	4.5	19.5
10 18	1 15.80	+13 22.5	1.393	2.387	2.3	19.4
10 28	1 6.19	+13 5.6	1.407	2.380	6.4	19.6
11 7	0 58.17	+12 48.8	1.447	2.373	10.9	19.9
11 17	0 52.64	+12 37.8	1.509	2.366	15.0	20.1

304262 2006 RZ_{81} 10 14.6 138.°29 1.°1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.11	+ 7 50.2	2.127	2.959	13.0	21.3
9 18	1 38.56	+ 7 9.8	2.054	2.966	9.8	21.1
9 28	1 32.17	+ 6 19.9	2.006	2.972	6.3	20.9
10 8	1 24.56	+ 5 24.5	1.984	2.978	2.5	20.6
10 18	1 16.48	+ 4 28.7	1.991	2.983	2.1	20.6
10 28	1 8.81	+ 3 38.1	2.027	2.989	5.8	20.9
11 7	1 2.34	+ 2 57.7	2.091	2.994	9.4	21.1
11 17	0 57.63	+ 2 30.7	2.179	2.999	12.4	21.3

517871 2015 RQ_{256} 10 14.6 153.°15 4.°1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.00	− 2 31.1	2.399	3.248	11.2	21.9
9 18	1 36.74	− 3 31.4	2.332	3.250	8.5	21.7
9 28	1 30.91	− 4 33.5	2.290	3.253	5.8	21.5
10 8	1 24.03	− 5 32.2	2.276	3.256	4.1	21.4
10 18	1 16.75	− 6 22.1	2.290	3.258	5.0	21.5
10 28	1 9.83	− 6 58.7	2.333	3.260	7.4	21.6
11 7	1 3.92	− 7 19.1	2.401	3.262	10.1	21.8
11 17	0 59.53	− 7 22.5	2.493	3.264	12.5	22.0

117218 2004 RF_{255} 10 14.6 28.°70 7.°0/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.65	− 9 16.6	1.830	2.690	13.6	18.6
9 18	1 38.39	−10 19.6	1.779	2.697	10.7	18.5
9 28	1 32.12	−11 18.2	1.752	2.704	8.2	18.3
10 8	1 24.53	−12 5.2	1.749	2.712	7.0	18.3
10 18	1 16.51	−12 34.1	1.772	2.720	8.1	18.4
10 28	1 9.04	−12 40.9	1.821	2.728	10.4	18.5
11 7	1 2.96	−12 24.6	1.894	2.737	13.1	18.7
11 17	0 58.83	−11 46.7	1.987	2.746	15.6	18.9

276290 2002 TW_{45} 10 14.6 23.°60 0.°2/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.48	+ 8 4.3	0.904	1.785	22.2	19.1
9 18	1 42.13	+ 8 27.0	0.865	1.800	17.0	18.9
9 28	1 35.21	+ 8 35.2	0.843	1.816	11.0	18.6
10 8	1 25.90	+ 8 32.6	0.840	1.835	4.4	18.3
10 18	1 15.86	+ 8 24.5	0.860	1.855	2.2	18.3
10 28	1 6.97	+ 8 18.2	0.902	1.877	8.5	18.7
11 7	1 0.67	+ 8 20.2	0.965	1.900	14.0	19.1
11 17	0 57.73	+ 8 34.6	1.048	1.924	18.6	19.5

135669 2002 ND_{23} 10 14.6 83.°98 0.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.24	+12 45.6	2.360	3.175	12.4	20.0
9 18	1 36.94	+12 16.0	2.291	3.190	9.5	19.8
9 28	1 31.04	+11 35.1	2.246	3.204	6.2	19.7
10 8	1 24.08	+10 45.6	2.227	3.219	2.7	19.5
10 18	1 16.75	+ 9 51.6	2.238	3.233	1.1	19.4
10 28	1 9.81	+ 8 58.0	2.278	3.247	4.6	19.6
11 7	1 3.95	+ 8 9.9	2.346	3.261	7.9	19.9
11 17	0 59.68	+ 7 31.0	2.440	3.275	10.8	20.1

222184 2000 CO_{68} 10 14.6 205.°91 0.°8/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.97	+ 9 3.7	1.835	2.668	14.7	21.8
9 18	1 41.15	+ 8 27.7	1.754	2.664	11.3	21.5
9 28	1 34.08	+ 7 39.3	1.694	2.660	7.3	21.3
10 8	1 25.41	+ 6 42.5	1.661	2.655	2.9	21.0
10 18	1 16.04	+ 5 42.8	1.656	2.649	2.1	21.0
10 28	1 7.07	+ 4 47.2	1.679	2.643	6.5	21.2
11 7	0 59.51	+ 4 2.0	1.729	2.637	10.7	21.5
11 17	0 54.07	+ 3 31.5	1.803	2.630	14.3	21.7

370527 2003 SD_{320} 10 14.6 339.°11 2.°6/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.85	+14 4.0	1.264	2.106	19.6	21.2
9 18	1 42.90	+14 27.2	1.191	2.100	15.5	20.9
9 28	1 35.77	+14 32.8	1.136	2.096	10.7	20.7
10 8	1 26.24	+14 21.2	1.103	2.092	5.5	20.4
10 18	1 15.59	+13 55.5	1.095	2.088	2.8	20.2
10 28	1 5.46	+13 22.2	1.111	2.085	7.4	20.5
11 7	0 57.36	+12 49.8	1.151	2.082	12.6	20.7
11 17	0 52.28	+12 25.8	1.213	2.080	17.2	21.0

199759 2006 JH_{48} 10 14.6 262.°32 0.°1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.84	+12 55.9	1.875	2.702	14.7	20.4
9 18	1 38.06	+12 2.4	1.783	2.689	11.4	20.2
9 28	1 32.13	+10 51.6	1.712	2.675	7.5	19.9
10 8	1 24.64	+ 9 27.1	1.668	2.661	3.1	19.6
10 18	1 16.42	+ 7 55.2	1.652	2.646	1.6	19.5
10 28	1 8.51	+ 6 24.3	1.664	2.632	6.2	19.8
11 7	1 1.87	+ 5 2.7	1.703	2.617	10.4	20.0
11 17	0 57.23	+ 3 56.8	1.767	2.602	14.2	20.2

303650 2005 LO_2 10 14.6 66.°59 8.°3/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.79	−12 30.1	1.862	2.717	13.6	20.0
9 18	1 39.28	−13 50.3	1.811	2.721	11.0	19.9
9 28	1 32.71	−15 4.0	1.784	2.725	9.0	19.7
10 8	1 24.79	−16 3.0	1.781	2.728	8.3	19.7
10 18	1 16.40	−16 40.3	1.804	2.732	9.4	19.8
10 28	1 8.55	−16 51.8	1.853	2.736	11.6	19.9
11 7	1 2.10	−16 36.7	1.923	2.740	14.0	20.1
11 17	0 57.65	−15 57.3	2.014	2.744	16.3	20.3

450311 2004 RW_{189} 10 14.6 29.°55 4.°8/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.35	+21 14.8	1.572	2.377	18.0	19.5
9 18	1 39.44	+21 39.2	1.514	2.394	14.6	19.3
9 28	1 33.05	+21 42.2	1.476	2.413	10.8	19.1
10 8	1 24.98	+21 23.9	1.460	2.433	7.0	19.0
10 18	1 16.31	+20 46.8	1.469	2.453	4.8	18.9
10 28	1 8.28	+19 57.1	1.505	2.474	6.5	19.0
11 7	1 1.96	+19 2.8	1.566	2.496	9.9	19.3
11 17	0 58.03	+18 11.9	1.650	2.519	13.3	19.6

172719 2004 BQ_{89} 10 14.6 271.°62 3.°3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.84	+20 0.1	1.972	2.767	15.2	20.1
9 18	1 38.81	+19 55.1	1.881	2.758	12.3	19.9
9 28	1 32.61	+19 31.5	1.810	2.750	8.9	19.7
10 8	1 24.84	+18 50.0	1.764	2.741	5.4	19.5
10 18	1 16.34	+17 53.2	1.744	2.733	3.3	19.3
10 28	1 8.15	+16 46.8	1.753	2.724	5.5	19.4
11 7	1 1.24	+15 38.1	1.789	2.715	9.2	19.6
11 17	0 56.35	+14 34.5	1.850	2.706	12.7	19.8

73015 2002 ES_{54} 10 14.6 5.°19 2.°2/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.43	+18 21.6	1.002	1.864	22.0	17.7
9 18	1 34.52	+17 33.8	0.942	1.863	17.4	17.4
9 28	1 30.44	+16 12.0	0.898	1.863	12.0	17.1
10 8	1 24.07	+14 21.1	0.875	1.865	5.9	16.8
10 18	1 16.76	+12 11.8	0.874	1.868	2.4	16.6
10 28	1 10.18	+10 0.6	0.896	1.873	7.9	17.0
11 7	1 5.73	+ 8 4.1	0.940	1.880	13.6	17.3
11 17	1 4.24	+ 6 33.6	1.004	1.887	18.6	17.6

136070 2002 XO_{102} 10 14.6 33.°66 6.°8/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.20	− 5 13.0	1.233	2.108	17.8	18.5
9 18	1 41.58	− 6 1.3	1.204	2.135	13.6	18.3
9 28	1 34.28	− 6 46.3	1.196	2.162	9.5	18.2
10 8	1 25.39	− 7 19.5	1.211	2.190	6.9	18.1
10 18	1 16.19	− 7 34.0	1.249	2.220	7.8	18.3
10 28	1 8.03	− 7 25.8	1.313	2.250	11.0	18.5
11 7	1 1.93	− 6 54.8	1.398	2.281	14.5	18.8
11 17	0 58.44	− 6 3.6	1.504	2.312	17.6	19.1

350196 2011 YH_{65} 10 14.6 352.°83 1.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.28	+17 38.9	4.003	4.784	8.3	20.5
9 18	1 31.94	+17 26.1	3.911	4.784	6.6	20.4
9 28	1 27.64	+17 4.8	3.843	4.783	4.6	20.2
10 8	1 22.70	+16 36.0	3.802	4.782	2.6	20.1
10 18	1 17.49	+16 1.5	3.792	4.782	1.5	20.0
10 28	1 12.44	+15 23.6	3.811	4.781	2.9	20.1
11 7	1 7.95	+14 45.2	3.861	4.781	4.9	20.2
11 17	1 4.36	+14 9.0	3.938	4.780	6.8	20.4

44986 1999 VT_{164} 10 14.6 43.°79 2.°7/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.39	+ 3 12.3	1.216	2.080	18.8	18.6
9 18	1 44.44	+ 3 2.6	1.164	2.091	14.3	18.3
9 28	1 36.45	+ 2 45.8	1.132	2.103	9.1	18.1
10 8	1 26.39	+ 2 27.4	1.123	2.116	4.0	17.8
10 18	1 15.66	+ 2 13.4	1.138	2.129	3.9	17.9
10 28	1 5.81	+ 2 9.9	1.179	2.142	8.8	18.2
11 7	0 58.13	+ 2 20.8	1.244	2.156	13.5	18.5
11 17	0 53.40	+ 2 47.5	1.329	2.171	17.6	18.8

328934 2010 VV_{25} 10 14.6 279.°01 0.°1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.60	+10 57.1	2.196	3.021	12.9	21.6
9 18	1 37.55	+10 33.3	2.105	3.010	10.0	21.4
9 28	1 31.65	+ 9 58.1	2.037	2.999	6.5	21.1
10 8	1 24.43	+ 9 14.3	1.996	2.989	2.7	20.9
10 18	1 16.61	+ 8 25.8	1.983	2.978	1.3	20.7
10 28	1 9.05	+ 7 37.8	1.999	2.967	5.3	21.0
11 7	1 2.58	+ 6 55.7	2.043	2.956	9.0	21.2
11 17	0 57.82	+ 6 23.7	2.111	2.946	12.2	21.4

516253 2016 UG_{105} 10 14.6 294.°04 0.°4/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.60	+ 8 29.1	1.688	2.528	15.5	21.5
9 18	1 41.15	+ 8 20.5	1.604	2.518	12.0	21.3
9 28	1 34.26	+ 8 1.1	1.542	2.508	7.8	21.0
10 8	1 25.56	+ 7 33.8	1.505	2.498	3.1	20.7
10 18	1 16.03	+ 7 3.1	1.494	2.489	1.9	20.6
10 28	1 6.85	+ 6 34.6	1.512	2.479	6.7	20.9
11 7	0 59.15	+ 6 14.1	1.555	2.470	11.1	21.1
11 17	0 53.73	+ 6 5.6	1.621	2.461	15.0	21.3

164501 2006 GK_{35} 10 14.6 33.°22 0.°5/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.13	+ 6 58.1	1.028	1.896	21.1	18.5
9 18	1 45.52	+ 7 19.4	0.979	1.907	16.2	18.2
9 28	1 37.40	+ 7 29.1	0.948	1.919	10.5	18.0
10 8	1 26.85	+ 7 30.6	0.938	1.932	4.2	17.7
10 18	1 15.45	+ 7 28.4	0.951	1.946	2.3	17.6
10 28	1 5.08	+ 7 28.7	0.989	1.961	8.5	18.0
11 7	0 57.23	+ 7 37.2	1.049	1.976	13.9	18.4
11 17	0 52.76	+ 7 57.4	1.128	1.992	18.5	18.7

86806 2000 GS_{115} 10 14.6 174.°96 2.°0/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.90	+ 5 48.1	1.864	2.703	14.3	20.8
9 18	1 40.97	+ 5 1.1	1.790	2.705	10.8	20.6
9 28	1 33.90	+ 4 4.7	1.740	2.707	6.9	20.4
10 8	1 25.34	+ 3 3.8	1.715	2.708	3.0	20.1
10 18	1 16.19	+ 2 4.5	1.720	2.709	3.1	20.2
10 28	1 7.50	+ 1 13.7	1.752	2.709	7.0	20.4
11 7	1 0.20	+ 0 36.5	1.811	2.709	10.9	20.6
11 17	0 54.96	+ 0 16.0	1.894	2.708	14.2	20.9

49476 1999 BA_{6} 10 14.6 330.°17 4.°6/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.24	+19 57.0	1.400	2.220	19.1	18.2
9 18	1 39.99	+20 15.7	1.319	2.211	15.6	18.0
9 28	1 33.84	+20 11.7	1.257	2.202	11.4	17.7
10 8	1 25.49	+19 44.2	1.216	2.194	7.1	17.5
10 18	1 16.06	+18 55.5	1.199	2.187	4.6	17.3
10 28	1 7.05	+17 52.4	1.207	2.180	7.2	17.4
11 7	0 59.83	+16 44.8	1.240	2.174	11.6	17.7
11 17	0 55.37	+15 42.6	1.295	2.168	15.9	17.9

407046 2009 SG_{111} 10 14.6 91.°70 1.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.19	+15 27.0	2.272	3.082	13.0	21.0
9 18	1 36.34	+14 49.7	2.191	3.085	10.1	20.8
9 28	1 30.78	+13 58.0	2.134	3.088	6.8	20.6
10 8	1 24.05	+12 54.5	2.102	3.091	3.2	20.4
10 18	1 16.87	+11 43.5	2.099	3.094	1.4	20.3
10 28	1 10.03	+10 31.0	2.126	3.097	4.7	20.5
11 7	1 4.28	+ 9 23.1	2.181	3.100	8.2	20.7
11 17	1 0.16	+ 8 25.0	2.262	3.103	11.3	20.9

240557 2004 RP_{227} 10 14.6 259.°45 1.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.50	+14 25.0	1.772	2.593	15.7	20.9
9 18	1 40.25	+14 12.0	1.686	2.586	12.3	20.6
9 28	1 33.64	+13 42.9	1.621	2.578	8.4	20.4
10 8	1 25.32	+12 59.6	1.581	2.570	4.0	20.1
10 18	1 16.20	+12 6.2	1.568	2.562	1.8	19.9
10 28	1 7.44	+11 9.2	1.582	2.554	5.9	20.2
11 7	1 0.11	+10 15.8	1.623	2.546	10.2	20.4
11 17	0 54.97	+ 9 32.4	1.689	2.537	14.1	20.7

296102 2009 BV_{42} 10 14.6 66.°83 3.°6/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.80	+ 4 17.4	1.182	2.049	19.0	20.5
9 18	1 43.11	+ 3 17.3	1.140	2.069	14.3	20.3
9 28	1 35.48	+ 2 7.0	1.118	2.090	9.1	20.1
10 8	1 25.97	+ 0 55.4	1.118	2.111	4.3	19.9
10 18	1 15.96	− 0 8.0	1.144	2.132	4.9	20.0
10 28	1 6.95	− 0 54.2	1.195	2.152	9.5	20.3
11 7	1 0.12	− 1 18.2	1.269	2.173	14.0	20.6
11 17	0 56.13	− 1 18.7	1.363	2.194	17.8	20.9

217515 2006 UR_{99} 10 14.6 66.°22 3.°5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.97	+ 2 35.8	1.288	2.148	18.1	20.5
9 18	1 44.47	+ 1 54.4	1.248	2.174	13.7	20.3
9 28	1 36.21	+ 1 6.5	1.229	2.199	8.7	20.1
10 8	1 26.23	+ 0 19.1	1.234	2.225	4.3	19.9
10 18	1 15.85	− 0 19.9	1.264	2.251	4.7	20.0
10 28	1 6.48	− 0 44.2	1.320	2.276	9.0	20.3
11 7	0 59.23	− 0 49.9	1.401	2.301	13.2	20.6
11 17	0 54.71	− 0 36.4	1.502	2.327	16.8	20.9

373637 2002 OY_{28} 10 14.6 148.°01 3.°5/17.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.90	+19 25.6	1.769	2.563	16.8	21.9
9 18	1 43.54	+19 29.5	1.693	2.571	13.5	21.7
9 28	1 35.70	+19 14.3	1.638	2.578	9.7	21.5
10 8	1 26.12	+18 40.3	1.607	2.585	5.7	21.2
10 18	1 15.83	+17 50.4	1.603	2.591	3.5	21.1
10 28	1 6.07	+16 50.8	1.627	2.597	6.0	21.3
11 7	0 57.93	+15 49.5	1.679	2.602	9.9	21.5
11 17	0 52.15	+14 53.7	1.755	2.607	13.5	21.8

244686 2003 OL_{27} 10 14.6 135.°72 6.°9/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.19	− 6 52.0	1.859	2.718	13.5	20.5
9 18	1 38.83	− 8 32.6	1.805	2.724	10.5	20.3
9 28	1 32.46	−10 12.4	1.776	2.730	7.9	20.2
10 8	1 24.74	−11 42.5	1.772	2.736	6.9	20.1
10 18	1 16.55	−12 54.6	1.796	2.742	8.1	20.2
10 28	1 8.87	−13 42.8	1.846	2.747	10.7	20.4
11 7	1 2.55	−14 4.5	1.920	2.752	13.4	20.6
11 17	0 58.19	−14 0.6	2.014	2.757	15.9	20.8

315019 2007 BW_{48} 10 14.6 356.°46 1.°3/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.28	+12 37.0	1.922	2.744	14.6	20.3
9 18	1 39.82	+12 43.9	1.842	2.743	11.4	20.1
9 28	1 33.23	+12 39.0	1.784	2.742	7.6	19.9
10 8	1 25.11	+12 23.5	1.752	2.741	3.6	19.6
10 18	1 16.34	+12 0.5	1.746	2.741	1.6	19.5
10 28	1 7.93	+11 34.4	1.769	2.741	5.5	19.8
11 7	1 0.84	+11 10.6	1.819	2.741	9.4	20.0
11 17	0 55.77	+10 53.4	1.894	2.741	12.8	20.2

310437 2000 AZ_{206} 10 14.6 127.°12 3.°7/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.46	+22 48.5	2.503	3.269	13.1	20.4
9 18	1 38.00	+22 49.6	2.419	3.275	10.8	20.3
9 28	1 31.84	+22 34.7	2.357	3.280	8.0	20.1
10 8	1 24.49	+22 4.2	2.320	3.286	5.3	19.9
10 18	1 16.66	+21 19.8	2.311	3.291	3.7	19.9
10 28	1 9.16	+20 25.8	2.331	3.296	4.8	19.9
11 7	1 2.72	+19 27.4	2.379	3.301	7.4	20.1
11 17	0 57.91	+18 30.4	2.454	3.306	10.1	20.3

181332 2006 QS_{112} 10 14.6 332.°85 6.°0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.47	− 1 49.3	1.171	2.051	18.2	19.4
9 18	1 41.11	− 2 35.2	1.105	2.040	14.1	19.2
9 28	1 34.62	− 3 25.3	1.058	2.029	9.6	18.9
10 8	1 25.81	− 4 10.8	1.033	2.020	6.2	18.7
10 18	1 15.97	− 4 42.0	1.032	2.011	7.3	18.7
10 28	1 6.72	− 4 51.0	1.054	2.003	11.6	18.9
11 7	0 59.48	− 4 34.1	1.097	1.996	16.2	19.2
11 17	0 55.21	− 3 51.4	1.159	1.990	20.3	19.4

267916 2004 CP_{95} 10 14.6 215.°38 0.°1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.59	+10 43.4	1.846	2.672	14.9	21.8
9 18	1 41.70	+10 15.6	1.760	2.666	11.5	21.6
9 28	1 34.51	+ 9 34.4	1.696	2.659	7.5	21.3
10 8	1 25.66	+ 8 42.9	1.659	2.651	3.1	21.0
10 18	1 16.06	+ 7 46.3	1.649	2.643	1.6	20.9
10 28	1 6.83	+ 6 51.0	1.668	2.635	6.2	21.2
11 7	0 59.00	+ 6 3.8	1.714	2.626	10.5	21.4
11 17	0 53.31	+ 5 29.6	1.784	2.616	14.2	21.6

2259 Sofievka 10 14.6 67.°95 3.°7/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.09	+19 15.3	1.325	2.144	20.1	15.9
9 18	1 43.35	+19 13.3	1.272	2.165	16.0	15.7
9 28	1 35.70	+18 47.2	1.238	2.186	11.3	15.5
10 8	1 26.11	+17 58.5	1.226	2.208	6.4	15.3
10 18	1 15.91	+16 52.5	1.239	2.229	3.7	15.2
10 28	1 6.60	+15 38.3	1.278	2.251	6.8	15.4
11 7	0 59.39	+14 26.4	1.342	2.272	11.2	15.7
11 17	0 55.01	+13 25.4	1.428	2.293	15.2	16.0

173275 1999 TQ_{16} 10 14.6 55.°16 0.°1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 51.97	+ 7 36.0	1.584	2.418	16.6	19.4
9 18	1 45.91	+ 8 2.7	1.521	2.431	12.8	19.2
9 28	1 37.22	+ 8 21.1	1.479	2.443	8.3	19.0
10 8	1 26.74	+ 8 32.9	1.463	2.456	3.4	18.7
10 18	1 15.59	+ 8 40.6	1.474	2.469	1.7	18.6
10 28	1 5.11	+ 8 48.0	1.513	2.482	6.5	19.0
11 7	0 56.44	+ 8 59.0	1.579	2.495	10.9	19.3
11 17	0 50.33	+ 9 16.8	1.668	2.509	14.6	19.5

440731 2006 BA_6 10 14.6 241.°45 3.°8/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.11	+23 13.0	2.493	3.258	13.2	21.0
9 18	1 37.86	+23 13.2	2.396	3.250	10.9	20.8
9 28	1 31.83	+22 56.8	2.320	3.243	8.2	20.7
10 8	1 24.54	+22 23.9	2.270	3.235	5.5	20.5
10 18	1 16.66	+21 36.3	2.247	3.227	3.8	20.4
10 28	1 9.04	+20 37.7	2.254	3.219	5.0	20.4
11 7	1 2.44	+19 34.1	2.288	3.211	7.7	20.6
11 17	0 57.49	+18 31.2	2.349	3.202	10.5	20.7

239782 2010 CZ_{103} 10 14.6 105.°81 3.°5/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.41	+ 2 22.8	1.868	2.719	13.8	20.9
9 18	1 38.95	+ 1 10.1	1.810	2.731	10.4	20.7
9 28	1 32.51	− 0 9.2	1.776	2.744	6.7	20.5
10 8	1 24.77	− 1 28.3	1.768	2.756	3.8	20.4
10 18	1 16.60	− 2 39.9	1.788	2.768	4.6	20.5
10 28	1 8.96	− 3 37.3	1.836	2.780	7.9	20.7
11 7	1 2.68	− 4 16.1	1.910	2.791	11.3	20.9
11 17	0 58.34	− 4 34.8	2.007	2.803	14.2	21.2

487207 2014 OT_{375} 10 14.6 21.°19 4.°9/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.53	+22 16.5	1.939	2.722	15.9	20.9
9 18	1 40.14	+22 49.7	1.861	2.726	13.1	20.7
9 28	1 33.50	+23 5.1	1.804	2.730	9.9	20.5
10 8	1 25.26	+23 1.6	1.770	2.735	6.7	20.3
10 18	1 16.32	+22 40.2	1.762	2.740	4.9	20.2
10 28	1 7.76	+22 4.8	1.782	2.746	6.2	20.3
11 7	1 0.60	+21 21.8	1.828	2.752	9.1	20.5
11 17	0 55.55	+20 37.9	1.899	2.759	12.2	20.7

447715 2007 EM_{133} 10 14.6 236.°20 0.°1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.35	+10 31.2	2.421	3.240	12.0	22.2
9 18	1 37.94	+10 9.4	2.330	3.233	9.2	22.0
9 28	1 31.83	+ 9 37.7	2.264	3.225	6.0	21.8
10 8	1 24.53	+ 8 58.6	2.224	3.217	2.5	21.5
10 18	1 16.69	+ 8 15.6	2.214	3.208	1.2	21.4
10 28	1 9.11	+ 7 33.3	2.233	3.200	4.9	21.7
11 7	1 2.53	+ 6 56.2	2.280	3.191	8.3	21.9
11 17	0 57.52	+ 6 28.2	2.353	3.182	11.3	22.1

130322 2000 EO_{166} 10 14.6 215.°83 8.°3/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	2 2.57	+20 38.5	1.261	2.054	22.3	18.4
9 18	1 55.80	+22 33.4	1.181	2.051	18.6	18.2
9 28	1 44.78	+24 13.0	1.119	2.047	14.4	17.9
10 8	1 30.23	+25 28.9	1.080	2.043	10.3	17.7
10 18	1 13.70	+26 14.5	1.065	2.039	8.3	17.6
10 28	0 57.48	+26 29.2	1.077	2.034	10.4	17.7
11 7	0 43.79	+26 20.7	1.113	2.029	14.5	17.9
11 17	0 34.12	+26 0.3	1.170	2.023	18.7	18.1

395927 2013 AV_{96} 10 14.6 353.°45 2.°5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.62	+15 54.4	1.722	2.539	16.2	21.3
9 18	1 40.39	+16 2.6	1.643	2.538	12.9	21.1
9 28	1 33.75	+15 54.8	1.585	2.537	8.9	20.8
10 8	1 25.39	+15 31.8	1.551	2.536	4.8	20.6
10 18	1 16.26	+14 56.5	1.543	2.535	2.6	20.4
10 28	1 7.55	+14 14.6	1.563	2.535	5.9	20.7
11 7	1 0.33	+13 32.8	1.609	2.535	10.0	20.9
11 17	0 55.36	+12 57.4	1.678	2.535	13.7	21.1

374019 2004 DY_{65} 10 14.7 271.°56 1.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.39	+ 7 54.1	1.582	2.427	16.1	21.3
9 18	1 41.25	+ 7 19.4	1.493	2.411	12.4	21.0
9 28	1 34.50	+ 6 31.3	1.425	2.393	8.0	20.7
10 8	1 25.77	+ 5 34.1	1.382	2.376	3.2	20.4
10 18	1 16.06	+ 4 34.1	1.365	2.358	2.7	20.3
10 28	1 6.65	+ 3 39.4	1.376	2.340	7.6	20.6
11 7	0 58.76	+ 2 57.4	1.412	2.322	12.4	20.8
11 17	0 53.29	+ 2 33.2	1.469	2.304	16.6	21.0

477077 2009 BU_{79} 10 14.7 292.°84 3.°0/16.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.40	+16 55.8	1.758	2.568	16.2	22.0
9 18	1 41.29	+17 9.1	1.652	2.542	13.1	21.8
9 28	1 34.60	+17 6.0	1.567	2.516	9.3	21.5
10 8	1 25.86	+16 46.2	1.506	2.489	5.3	21.2
10 18	1 15.98	+16 11.4	1.471	2.462	3.1	21.0
10 28	1 6.20	+15 26.4	1.464	2.435	6.3	21.1
11 7	0 57.76	+14 38.5	1.483	2.409	10.7	21.3
11 17	0 51.65	+13 55.0	1.525	2.382	14.9	21.5

15326 1993 QA_9 10 14.7 84.°49 1.°8/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.53	+ 7 0.3	1.576	2.421	16.1	19.0
9 18	1 41.61	+ 6 12.7	1.523	2.441	12.2	18.8
9 28	1 34.33	+ 5 14.3	1.492	2.460	7.7	18.6
10 8	1 25.53	+ 4 10.8	1.486	2.479	3.1	18.3
10 18	1 16.28	+ 3 9.4	1.507	2.498	3.0	18.4
10 28	1 7.74	+ 2 17.5	1.556	2.517	7.3	18.7
11 7	1 0.89	+ 1 40.5	1.630	2.535	11.4	19.0
11 17	0 56.35	+ 1 21.4	1.727	2.553	14.9	19.3

286694 2002 FH_{16} 10 14.7 134.°64 1.°5/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.94	+ 4 3.3	2.655	3.482	10.9	20.9
9 18	1 39.57	+ 3 45.6	2.585	3.493	8.2	20.8
9 28	1 32.69	+ 3 23.4	2.539	3.503	5.2	20.6
10 8	1 24.83	+ 2 59.7	2.521	3.513	2.3	20.4
10 18	1 16.61	+ 2 37.7	2.534	3.523	2.2	20.4
10 28	1 8.74	+ 2 20.6	2.576	3.532	5.1	20.6
11 7	1 1.87	+ 2 11.4	2.648	3.541	8.0	20.8
11 17	0 56.48	+ 2 11.6	2.745	3.550	10.5	21.0

292902 2006 VN_{43} 10 14.7 352.°23 11.°0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.55	−14 52.8	1.243	2.117	17.7	18.4
9 18	1 40.95	−15 39.3	1.187	2.106	14.7	18.2
9 28	1 34.37	−16 13.1	1.151	2.097	12.1	18.0
10 8	1 25.69	−16 23.8	1.135	2.090	11.0	18.0
10 18	1 16.20	−16 3.4	1.142	2.084	12.1	18.0
10 28	1 7.43	−15 8.4	1.171	2.080	14.7	18.2
11 7	1 0.66	−13 41.2	1.220	2.078	17.9	18.4
11 17	0 56.71	−11 47.6	1.288	2.078	20.9	18.6

388600 2007 RF_{187} 10 14.7 132.°60 0.°2/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.97	+11 41.1	1.976	2.802	14.1	21.2
9 18	1 38.65	+10 52.7	1.903	2.809	10.8	21.0
9 28	1 32.37	+ 9 50.5	1.853	2.816	7.0	20.8
10 8	1 24.77	+ 8 38.5	1.829	2.822	2.8	20.6
10 18	1 16.66	+ 7 22.7	1.834	2.828	1.5	20.5
10 28	1 9.00	+ 6 10.0	1.868	2.834	5.7	20.8
11 7	1 2.63	+ 5 6.9	1.929	2.840	9.6	21.0
11 17	0 58.14	+ 4 18.1	2.014	2.845	12.9	21.2

305321 2008 AJ_{67} 10 14.7 307.°12 2.°5/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.91	+ 4 33.1	1.847	2.697	13.9	20.5
9 18	1 38.06	+ 3 46.5	1.769	2.690	10.6	20.3
9 28	1 32.12	+ 2 51.0	1.714	2.683	6.8	20.0
10 8	1 24.71	+ 1 52.0	1.684	2.677	3.1	19.8
10 18	1 16.67	+ 0 55.7	1.682	2.670	3.5	19.8
10 28	1 9.00	+ 0 8.7	1.708	2.664	7.3	20.0
11 7	1 2.61	− 0 23.8	1.760	2.658	11.1	20.2
11 17	0 58.18	− 0 38.8	1.834	2.652	14.5	20.4

225363 1998 XV_{24} 10 14.7 123.°08 1.°1/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.40	+15 21.9	2.442	3.248	12.3	20.5
9 18	1 36.40	+14 49.5	2.361	3.252	9.6	20.4
9 28	1 30.80	+14 3.9	2.304	3.257	6.5	20.2
10 8	1 24.11	+13 7.4	2.273	3.261	3.1	20.0
10 18	1 16.99	+12 4.0	2.270	3.265	1.3	19.8
10 28	1 10.20	+10 58.8	2.298	3.269	4.4	20.1
11 7	1 4.43	+ 9 57.4	2.354	3.272	7.7	20.3
11 17	1 0.18	+ 9 4.3	2.436	3.276	10.6	20.5

357389 2003 UA_{83} 10 14.7 341.°65 2.°5/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.14	+ 7 40.9	1.154	2.037	18.2	20.1
9 18	1 33.29	+ 6 42.0	1.078	2.017	13.9	19.8
9 28	1 29.64	+ 5 23.7	1.021	1.998	8.9	19.5
10 8	1 23.88	+ 3 53.2	0.986	1.981	3.8	19.1
10 18	1 17.07	+ 2 21.2	0.974	1.966	4.1	19.1
10 28	1 10.66	+ 1 0.5	0.986	1.952	9.5	19.3
11 7	1 6.01	+ 0 1.7	1.019	1.940	14.9	19.6
11 17	1 4.03	− 0 29.1	1.071	1.931	19.5	19.9

234735 2002 LB_{37} 10 14.7 132.°14 3.°7/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.48	+23 7.2	2.266	3.031	14.4	20.9
9 18	1 40.41	+22 55.3	2.188	3.044	11.7	20.7
9 28	1 33.44	+22 24.9	2.133	3.058	8.7	20.6
10 8	1 25.19	+21 36.7	2.102	3.070	5.6	20.4
10 18	1 16.47	+20 33.6	2.100	3.083	3.7	20.3
10 28	1 8.20	+19 20.9	2.127	3.094	5.1	20.4
11 7	1 1.20	+18 5.4	2.183	3.105	8.0	20.6
11 17	0 56.04	+16 53.8	2.265	3.116	10.9	20.8

79153 1993 FV_4 10 14.7 189.°10 1.°4/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.28	+ 7 34.0	1.890	2.724	14.3	20.7
9 18	1 41.32	+ 6 51.7	1.812	2.723	10.9	20.4
9 28	1 34.19	+ 5 58.4	1.756	2.722	7.0	20.2
10 8	1 25.55	+ 4 58.6	1.727	2.720	2.8	20.0
10 18	1 16.27	+ 3 58.2	1.726	2.718	2.5	19.9
10 28	1 7.41	+ 3 3.8	1.754	2.715	6.6	20.2
11 7	0 59.93	+ 2 21.2	1.809	2.712	10.6	20.4
11 17	0 54.50	+ 1 54.2	1.888	2.708	14.0	20.6

369498 2010 VQ_{14} 10 14.7 357.°38 5.°5/11.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.88	− 1 18.9	0.998	1.887	19.9	19.7
9 18	1 41.77	− 1 41.9	0.942	1.882	15.4	19.4
9 28	1 35.19	− 2 7.9	0.904	1.878	10.3	19.1
10 8	1 26.11	− 2 28.5	0.887	1.877	6.1	18.9
10 18	1 15.99	− 2 35.2	0.891	1.876	6.8	18.9
10 28	1 6.67	− 2 21.4	0.918	1.877	11.4	19.2
11 7	0 59.69	− 1 44.4	0.966	1.879	16.4	19.5
11 17	0 55.97	− 0 45.4	1.032	1.883	20.8	19.8

184050 2004 FL_{99} 10 14.7 155.°57 4.°1/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.92	− 2 45.6	2.276	3.122	11.8	21.2
9 18	1 39.07	− 3 36.2	2.210	3.127	9.0	21.0
9 28	1 32.50	− 4 28.3	2.169	3.131	6.2	20.8
10 8	1 24.80	− 5 16.4	2.154	3.135	4.2	20.7
10 18	1 16.68	− 5 55.5	2.169	3.139	5.0	20.8
10 28	1 8.95	− 6 21.2	2.212	3.142	7.6	21.0
11 7	1 2.34	− 6 30.8	2.281	3.145	10.4	21.1
11 17	0 57.40	− 6 23.8	2.373	3.148	12.9	21.3

91686 1999 TU_{126} 10 14.7 55.°18 1.°3/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.57	+16 23.4	1.945	2.760	14.7	19.3
9 18	1 36.84	+15 38.0	1.879	2.775	11.4	19.1
9 28	1 31.19	+14 35.3	1.834	2.789	7.7	18.9
10 8	1 24.29	+13 19.0	1.815	2.804	3.7	18.7
10 18	1 16.95	+11 54.7	1.824	2.819	1.5	18.6
10 28	1 10.11	+10 29.8	1.862	2.834	5.2	18.8
11 7	1 4.56	+ 9 11.6	1.928	2.849	8.9	19.1
11 17	1 0.86	+ 8 6.0	2.018	2.865	12.2	19.3

452875 2006 SE_{399} 10 14.7 61.°83 0.°5/14.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.46	+13 39.2	1.772	2.603	15.2	21.5
9 18	1 36.87	+12 7.7	1.708	2.617	11.6	21.3
9 28	1 31.25	+10 17.7	1.667	2.632	7.4	21.0
10 8	1 24.32	+ 8 15.9	1.653	2.646	2.9	20.8
10 18	1 16.95	+ 6 11.1	1.667	2.661	1.9	20.8
10 28	1 10.13	+ 4 13.6	1.711	2.676	6.3	21.1
11 7	1 4.70	+ 2 32.2	1.782	2.691	10.3	21.4
11 17	1 1.23	+ 1 12.2	1.877	2.706	13.7	21.6

436614 2011 KT_{33} 10 14.7 99.°77 3.°4/11.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.71	+ 1 47.8	1.829	2.675	14.2	21.6
9 18	1 41.42	+ 0 53.2	1.777	2.695	10.7	21.4
9 28	1 34.07	− 0 6.5	1.748	2.715	6.9	21.2
10 8	1 25.43	− 1 5.1	1.746	2.735	3.8	21.0
10 18	1 16.41	− 1 56.3	1.772	2.754	4.4	21.1
10 28	1 8.01	− 2 34.3	1.826	2.773	7.7	21.4
11 7	1 1.10	− 2 55.7	1.907	2.791	11.1	21.6
11 17	0 56.24	− 2 59.2	2.010	2.809	14.1	21.9

22990 Mattbrenner 10 14.7 215.°22 0.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.29	+11 42.3	2.099	2.919	13.6	19.4
9 18	1 39.69	+11 15.5	2.012	2.914	10.5	19.2
9 28	1 33.11	+10 36.1	1.948	2.908	6.9	19.0
10 8	1 25.12	+ 9 47.0	1.910	2.902	2.9	18.7
10 18	1 16.51	+ 8 52.4	1.901	2.896	1.3	18.6
10 28	1 8.23	+ 7 58.1	1.921	2.889	5.4	18.9
11 7	1 1.14	+ 7 9.9	1.968	2.882	9.3	19.1
11 17	0 55.90	+ 6 32.4	2.041	2.874	12.6	19.3

2154 Underhill 10 14.7 274.°35 1.°8/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.43	+13 50.6	1.874	2.690	15.1	17.4
9 18	1 41.73	+14 0.2	1.781	2.677	12.0	17.1
9 28	1 34.67	+13 56.7	1.710	2.664	8.2	16.9
10 8	1 25.84	+13 40.8	1.663	2.651	4.1	16.6
10 18	1 16.14	+13 15.1	1.644	2.638	2.0	16.4
10 28	1 6.69	+12 44.2	1.653	2.625	5.8	16.6
11 7	0 58.59	+12 14.0	1.690	2.611	9.9	16.9
11 17	0 52.64	+11 49.9	1.750	2.598	13.7	17.1

75250 1999 XH_3 10 14.7 248.°09 4.°5/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.12	− 0 19.0	1.654	2.508	15.1	19.4
9 18	1 42.35	− 1 9.9	1.574	2.496	11.6	19.2
9 28	1 35.08	− 2 6.4	1.518	2.484	7.8	18.9
10 8	1 25.99	− 3 1.5	1.486	2.472	4.7	18.7
10 18	1 16.08	− 3 47.9	1.481	2.460	5.6	18.8
10 28	1 6.56	− 4 18.6	1.503	2.447	9.3	18.9
11 7	0 58.57	− 4 29.2	1.550	2.434	13.3	19.2
11 17	0 52.90	− 4 18.3	1.619	2.420	16.8	19.4

71300 2000 AB_{65} 10 14.7 280.°39 7.°1/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.42	+27 50.5	1.935	2.685	17.0	18.8
9 18	1 41.97	+28 35.3	1.839	2.673	14.5	18.6
9 28	1 34.97	+28 59.5	1.761	2.661	11.7	18.4
10 8	1 26.02	+28 59.9	1.706	2.649	8.9	18.2
10 18	1 16.04	+28 35.4	1.676	2.637	7.2	18.1
10 28	1 6.27	+27 48.9	1.673	2.625	7.8	18.1
11 7	0 57.93	+26 47.3	1.695	2.613	10.2	18.2
11 17	0 51.91	+25 39.3	1.742	2.601	13.2	18.4

437553 2013 YC_{144} 10 14.7 95.°67 9.°4/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.48	−13 37.0	1.671	2.528	14.8	21.5
9 18	1 40.80	−15 12.9	1.628	2.536	12.1	21.3
9 28	1 33.84	−16 40.5	1.607	2.544	10.1	21.2
10 8	1 25.39	−17 49.8	1.611	2.552	9.5	21.2
10 18	1 16.46	−18 33.3	1.639	2.560	10.7	21.3
10 28	1 8.19	−18 46.3	1.692	2.568	12.9	21.4
11 7	1 1.52	−18 29.0	1.766	2.575	15.4	21.6
11 17	0 57.07	−17 44.6	1.859	2.583	17.7	21.8

85140 1981 ES_{19} 10 14.7 159.°39 2.°0/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.83	+14 13.5	1.520	2.344	17.7	19.9
9 18	1 43.89	+14 19.0	1.445	2.346	13.9	19.6
9 28	1 36.18	+14 7.9	1.391	2.348	9.5	19.4
10 8	1 26.46	+13 41.6	1.361	2.349	4.7	19.1
10 18	1 15.88	+13 3.7	1.356	2.350	2.2	19.0
10 28	1 5.83	+12 20.7	1.379	2.352	6.5	19.3
11 7	0 57.56	+11 40.2	1.428	2.352	11.2	19.5
11 17	0 51.92	+11 8.8	1.500	2.353	15.3	19.8

147782 2005 QN_{118} 10 14.7 276.°03 1.°8/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.72	+ 6 12.6	2.038	2.880	13.1	20.6
9 18	1 37.76	+ 5 28.4	1.955	2.872	10.0	20.4
9 28	1 31.88	+ 4 34.7	1.896	2.864	6.4	20.2
10 8	1 24.64	+ 3 36.1	1.862	2.856	2.7	19.9
10 18	1 16.80	+ 2 38.1	1.857	2.847	2.8	19.9
10 28	1 9.28	+ 1 46.9	1.881	2.839	6.5	20.1
11 7	1 2.92	+ 1 7.5	1.931	2.831	10.1	20.3
11 17	0 58.36	+ 0 43.5	2.004	2.823	13.4	20.5

449088 2012 SN 10 14.7 52.°37 1.°2/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.83	+23 50.7	0.927	1.771	24.9	20.3
9 18	1 38.03	+21 21.4	0.870	1.781	19.6	20.0
9 28	1 32.73	+17 59.3	0.830	1.792	13.3	19.7
10 8	1 25.07	+13 55.5	0.813	1.803	6.1	19.4
10 18	1 16.65	+ 9 33.3	0.820	1.815	2.1	19.2
10 28	1 9.30	+ 5 23.3	0.854	1.828	9.0	19.7
11 7	1 4.39	+ 1 51.5	0.912	1.840	15.4	20.1
11 17	1 2.64	− 0 49.0	0.991	1.853	20.6	20.4

248934 2006 WK_{52} 10 14.7 48.°38 0.°6/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.05	+12 15.5	1.901	2.727	14.5	20.8
9 18	1 38.85	+11 57.1	1.827	2.732	11.2	20.6
9 28	1 32.60	+11 25.7	1.776	2.737	7.4	20.4
10 8	1 24.92	+10 43.8	1.751	2.742	3.2	20.1
10 18	1 16.68	+ 9 56.0	1.752	2.747	1.4	20.0
10 28	1 8.87	+ 9 8.0	1.783	2.753	5.5	20.3
11 7	1 2.39	+ 8 25.9	1.840	2.758	9.4	20.6
11 17	0 57.87	+ 7 54.1	1.921	2.764	12.9	20.8

395000 2009 BV_{95} 10 14.7 164.°15 2.°3/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.44	+ 3 57.1	2.194	3.032	12.5	21.9
9 18	1 39.57	+ 3 13.4	2.122	3.036	9.4	21.7
9 28	1 32.90	+ 2 23.1	2.073	3.039	6.0	21.5
10 8	1 25.01	+ 1 30.9	2.051	3.043	2.8	21.3
10 18	1 16.65	+ 0 41.8	2.059	3.046	3.2	21.3
10 28	1 8.68	+ 0 0.9	2.096	3.048	6.4	21.5
11 7	1 1.87	− 0 27.6	2.160	3.050	9.7	21.7
11 17	0 56.80	− 0 41.5	2.248	3.052	12.6	21.9

159992 2006 DB_{114} 10 14.7 232.°69 5.°6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.96	− 9 28.3	2.450	3.291	11.2	20.3
9 18	1 39.81	−10 7.9	2.380	3.287	8.9	20.2
9 28	1 32.99	−10 43.9	2.334	3.282	6.7	20.0
10 8	1 25.04	−11 11.3	2.315	3.277	5.6	20.0
10 18	1 16.65	−11 25.7	2.324	3.272	6.4	20.0
10 28	1 8.61	−11 23.8	2.361	3.267	8.4	20.1
11 7	1 1.64	−11 4.5	2.424	3.262	10.8	20.3
11 17	0 56.27	−10 28.3	2.510	3.256	13.0	20.4

213744 2002 XT_{10} 10 14.7 34.°42 0.°4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.48	+13 10.4	1.868	2.695	14.7	20.0
9 18	1 37.72	+12 30.0	1.791	2.697	11.4	19.8
9 28	1 31.90	+11 34.0	1.737	2.698	7.5	19.6
10 8	1 24.65	+10 26.1	1.708	2.700	3.2	19.3
10 18	1 16.83	+ 9 11.8	1.707	2.702	1.4	19.2
10 28	1 9.43	+ 7 58.5	1.735	2.704	5.7	19.5
11 7	1 3.35	+ 6 53.3	1.789	2.707	9.7	19.8
11 17	0 59.22	+ 6 1.7	1.867	2.709	13.2	20.0

470553 2008 EB_{165} 10 14.7 14.°12 0.°4/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.05	+ 9 9.1	1.905	2.741	14.2	21.7
9 18	1 38.86	+ 8 49.3	1.830	2.742	10.8	21.5
9 28	1 32.62	+ 8 18.9	1.778	2.743	7.0	21.3
10 8	1 24.95	+ 7 41.0	1.751	2.744	2.8	21.0
10 18	1 16.70	+ 7 0.3	1.752	2.746	1.7	20.9
10 28	1 8.85	+ 6 22.3	1.781	2.748	5.9	21.2
11 7	1 2.30	+ 5 52.1	1.836	2.750	9.8	21.5
11 17	0 57.70	+ 5 33.6	1.916	2.752	13.2	21.7

70023 1999 AT_{13} 10 14.7 349.°24 5.°5/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.62	− 6 4.5	2.125	2.982	12.1	19.0
9 18	1 36.76	− 7 8.2	2.060	2.979	9.4	18.9
9 28	1 31.13	− 8 11.5	2.019	2.977	6.9	18.7
10 8	1 24.31	− 9 7.8	2.005	2.975	5.5	18.6
10 18	1 17.03	− 9 51.3	2.017	2.974	6.5	18.7
10 28	1 10.12	−10 17.1	2.057	2.973	8.9	18.8
11 7	1 4.33	−10 23.0	2.121	2.972	11.6	19.0
11 17	1 0.22	−10 8.8	2.207	2.971	14.1	19.2

181364 2006 RJ_{95} 10 14.7 306.°62 1.°5/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.37	+12 36.0	1.791	2.615	15.4	20.6
9 18	1 41.09	+12 50.2	1.695	2.597	12.1	20.3
9 28	1 34.36	+12 52.2	1.621	2.578	8.3	20.1
10 8	1 25.78	+12 42.9	1.571	2.560	4.0	19.8
10 18	1 16.24	+12 24.7	1.548	2.542	1.9	19.6
10 28	1 6.90	+12 2.0	1.553	2.525	6.0	19.8
11 7	0 58.90	+11 40.6	1.584	2.507	10.4	20.1
11 17	0 53.12	+11 25.6	1.639	2.490	14.3	20.3

364973 2008 HS_{21} 10 14.7 191.°68 0.°1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.50	+11 13.3	2.831	3.639	10.7	22.6
9 18	1 37.80	+10 44.8	2.741	3.638	8.3	22.5
9 28	1 31.65	+10 7.1	2.677	3.635	5.4	22.3
10 8	1 24.50	+ 9 22.6	2.640	3.632	2.2	22.1
10 18	1 16.94	+ 8 34.4	2.634	3.629	1.0	22.0
10 28	1 9.62	+ 7 46.8	2.658	3.625	4.3	22.2
11 7	1 3.17	+ 7 3.7	2.712	3.620	7.3	22.4
11 17	0 58.09	+ 6 28.6	2.792	3.615	9.9	22.6

66716 1999 TB_{102} 10 14.7 3.°29 7.°0/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.05	− 0 17.1	1.167	2.060	17.3	18.2
9 18	1 33.70	− 2 23.6	1.115	2.058	13.1	18.0
9 28	1 29.70	− 4 39.2	1.085	2.058	9.1	17.8
10 8	1 23.84	− 6 50.1	1.077	2.059	7.0	17.7
10 18	1 17.27	− 8 41.8	1.093	2.062	8.9	17.8
10 28	1 11.32	−10 2.3	1.133	2.067	12.7	18.0
11 7	1 7.12	−10 46.2	1.193	2.072	16.7	18.3
11 17	1 5.38	−10 53.6	1.271	2.079	20.2	18.5

516605 2007 KG_4 10 14.7 168.°74 3.°3/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.11	− 1 22.9	2.997	3.837	9.4	22.6
9 18	1 35.84	− 2 28.9	2.926	3.841	7.1	22.5
9 28	1 30.30	− 3 37.2	2.882	3.844	4.8	22.3
10 8	1 23.93	− 4 43.4	2.867	3.847	3.3	22.2
10 18	1 17.24	− 5 43.2	2.881	3.850	4.0	22.3
10 28	1 10.81	− 6 32.3	2.926	3.852	6.1	22.4
11 7	1 5.18	− 7 8.1	2.998	3.854	8.4	22.6
11 17	1 0.77	− 7 29.1	3.095	3.855	10.5	22.8

226358 2003 GL_{56} 10 14.7 15.°84 1.°1/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.71	+ 3 47.4	4.420	5.249	6.8	20.4
9 18	1 31.43	+ 3 21.0	4.339	5.249	5.1	20.3
9 28	1 27.33	+ 2 51.8	4.284	5.249	3.2	20.2
10 8	1 22.70	+ 2 21.6	4.258	5.249	1.5	20.0
10 18	1 17.85	+ 1 52.7	4.262	5.250	1.6	20.1
10 28	1 13.15	+ 1 27.1	4.297	5.250	3.4	20.2
11 7	1 8.93	+ 1 6.9	4.361	5.250	5.2	20.3
11 17	1 5.47	+ 0 53.4	4.451	5.250	6.9	20.5

298187 2002 TP_{197} 10 14.7 32.°99 1.°4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.27	+13 3.7	1.439	2.279	17.7	20.0
9 18	1 40.30	+13 2.4	1.382	2.292	13.7	19.8
9 28	1 33.74	+12 44.8	1.345	2.306	9.2	19.6
10 8	1 25.44	+12 13.7	1.331	2.321	4.2	19.3
10 18	1 16.51	+11 33.9	1.342	2.337	1.8	19.2
10 28	1 8.26	+10 52.2	1.380	2.353	6.4	19.5
11 7	1 1.78	+10 15.9	1.443	2.370	10.9	19.9
11 17	0 57.77	+ 9 50.5	1.528	2.387	14.7	20.1

424529 2008 EE_{92} 10 14.7 155.°08 1.°1/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.28	+ 7 44.8	1.866	2.696	14.6	22.1
9 18	1 42.81	+ 7 11.2	1.795	2.704	11.1	21.9
9 28	1 35.14	+ 6 27.3	1.746	2.711	7.1	21.7
10 8	1 25.98	+ 5 37.1	1.725	2.718	2.8	21.5
10 18	1 16.24	+ 4 46.1	1.731	2.724	2.3	21.4
10 28	1 7.01	+ 4 0.6	1.767	2.729	6.5	21.7
11 7	0 59.24	+ 3 25.8	1.829	2.734	10.4	22.0
11 17	0 53.59	+ 3 5.2	1.916	2.737	13.8	22.2

75092 1999 VG_{34} 10 14.7 314.°90 4.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.41	+ 0 55.1	1.342	2.206	17.3	19.3
9 18	1 43.10	+ 0 29.8	1.270	2.197	13.3	19.0
9 28	1 35.84	− 0 1.1	1.217	2.188	8.8	18.7
10 8	1 26.41	− 0 31.3	1.188	2.179	4.6	18.5
10 18	1 15.99	− 0 53.8	1.184	2.170	5.1	18.5
10 28	1 6.08	− 1 1.8	1.206	2.162	9.6	18.7
11 7	0 58.03	− 0 51.3	1.251	2.154	14.2	19.0
11 17	0 52.75	− 0 20.9	1.316	2.147	18.3	19.2

272258 2005 QG_{152} 10 14.7 326.°22 3.°5/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.33	+16 28.9	1.413	2.239	18.6	20.2
9 18	1 42.36	+16 54.6	1.333	2.232	15.0	19.9
9 28	1 35.45	+17 2.0	1.272	2.225	10.6	19.6
10 8	1 26.29	+16 50.9	1.234	2.218	6.0	19.4
10 18	1 16.05	+16 23.3	1.221	2.212	3.5	19.2
10 28	1 6.22	+15 44.9	1.233	2.206	7.0	19.4
11 7	0 58.19	+15 4.2	1.270	2.201	11.7	19.6
11 17	0 52.95	+14 29.1	1.329	2.196	16.0	19.9

71685 2000 FX_{21} 10 14.7 354.°43 4.°9/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.88	− 5 55.1	2.319	3.167	11.5	18.9
9 18	1 38.31	− 6 38.1	2.252	3.167	8.9	18.8
9 28	1 32.07	− 7 20.0	2.209	3.167	6.4	18.6
10 8	1 24.70	− 7 55.6	2.193	3.167	4.9	18.5
10 18	1 16.91	− 8 20.3	2.205	3.166	5.7	18.6
10 28	1 9.47	− 8 30.2	2.245	3.166	8.0	18.7
11 7	1 3.12	− 8 23.6	2.310	3.166	10.6	18.9
11 17	0 58.38	− 8 0.3	2.399	3.166	13.0	19.1

236514 2006 GB_{48} 10 14.7 141.°35 0.°3/14.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.47	+10 7.6	2.070	2.893	13.6	21.6
9 18	1 40.49	+ 9 38.3	1.997	2.902	10.4	21.4
9 28	1 33.56	+ 8 58.0	1.948	2.910	6.7	21.2
10 8	1 25.33	+ 8 9.9	1.925	2.918	2.7	20.9
10 18	1 16.60	+ 7 18.7	1.931	2.925	1.5	20.9
10 28	1 8.31	+ 6 30.1	1.966	2.932	5.5	21.2
11 7	1 1.29	+ 5 49.2	2.029	2.939	9.2	21.4
11 17	0 56.15	+ 5 19.9	2.117	2.945	12.4	21.6

461181 2015 VG_{42} 10 14.7 277.°35 5.°0/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.75	− 4 59.3	2.243	3.095	11.7	20.4
9 18	1 37.56	− 5 57.0	2.172	3.090	9.1	20.2
9 28	1 31.65	− 6 55.0	2.125	3.084	6.5	20.1
10 8	1 24.56	− 7 47.6	2.105	3.079	5.0	20.0
10 18	1 16.98	− 8 29.2	2.112	3.074	5.9	20.0
10 28	1 9.74	− 8 55.2	2.148	3.068	8.3	20.2
11 7	1 3.57	− 9 2.9	2.208	3.063	11.1	20.3
11 17	0 59.03	− 8 52.0	2.291	3.058	13.5	20.5

197974 2004 RM_{135} 10 14.7 107.°89 1.°3/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.01	+13 6.4	1.768	2.585	15.8	21.1
9 18	1 43.51	+13 7.7	1.700	2.598	12.3	20.9
9 28	1 35.67	+12 55.4	1.655	2.611	8.3	20.7
10 8	1 26.22	+12 31.3	1.634	2.623	3.9	20.4
10 18	1 16.18	+11 58.9	1.641	2.636	1.7	20.3
10 28	1 6.70	+11 23.7	1.677	2.647	5.8	20.6
11 7	0 58.81	+10 51.8	1.739	2.659	9.9	20.9
11 17	0 53.20	+10 28.0	1.826	2.670	13.4	21.1

135857 2002 SY_{57} 10 14.7 8.°41 6.°0/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.01	− 3 42.5	1.461	2.332	15.8	18.9
9 18	1 39.28	− 4 36.6	1.404	2.333	12.1	18.7
9 28	1 33.09	− 5 31.8	1.368	2.335	8.5	18.5
10 8	1 25.20	− 6 19.8	1.356	2.337	6.1	18.4
10 18	1 16.69	− 6 53.0	1.370	2.341	7.1	18.5
10 28	1 8.77	− 7 5.5	1.408	2.345	10.4	18.7
11 7	1 2.51	− 6 54.6	1.469	2.350	14.0	18.9
11 17	0 58.60	− 6 21.1	1.551	2.356	17.3	19.1

457142 2008 FP_{114} 10 14.7 13.°91 1.°8/15.0 17

9 8	2 7.37	+ 4 6.6	0.938	1.790	24.0	20.2
9 18	1 59.93	+ 6 8.0	0.873	1.791	18.9	19.9
9 28	1 47.64	+ 8 12.7	0.827	1.793	12.6	19.6
10 8	1 31.49	+10 16.3	0.804	1.796	5.6	19.2
10 18	1 13.52	+12 11.9	0.805	1.800	2.9	19.1
10 28	0 56.52	+13 55.0	0.833	1.804	9.7	19.5
11 7	0 42.88	+15 25.4	0.884	1.810	16.1	19.9
11 17	0 33.97	+16 46.7	0.955	1.816	21.3	20.2

165569 2001 DG_{91} 10 14.7 277.°63 1.°2/12.5 18

9 8	1 34.80	+ 3 50.2	4.299	5.129	7.0	20.2
9 18	1 31.55	+ 3 20.8	4.213	5.124	5.2	20.1
9 28	1 27.44	+ 2 48.3	4.154	5.120	3.3	20.0
10 8	1 22.78	+ 2 14.7	4.123	5.115	1.5	19.8
10 18	1 17.89	+ 1 42.4	4.123	5.110	1.7	19.8
10 28	1 13.13	+ 1 13.6	4.153	5.105	3.5	20.0
11 7	1 8.86	+ 0 50.4	4.212	5.100	5.4	20.1
11 17	1 5.38	+ 0 34.3	4.297	5.095	7.1	20.2

435174 2007 QH_7 10 14.7 56.°19 5.°5/19.1 18

9 8	1 49.02	+22 43.2	1.534	2.324	19.0	20.5
9 18	1 43.89	+23 15.4	1.479	2.349	15.5	20.4
9 28	1 36.05	+23 24.5	1.444	2.374	11.6	20.2
10 8	1 26.40	+23 9.9	1.431	2.399	7.8	20.0
10 18	1 16.15	+22 33.7	1.444	2.424	5.5	20.0
10 28	1 6.68	+21 42.2	1.483	2.449	6.9	20.1
11 7	0 59.13	+20 44.2	1.547	2.475	10.3	20.4
11 17	0 54.22	+19 48.4	1.636	2.500	13.6	20.6

493783 2015 UX_{43} 10 14.7 269.°89 4.°1/10.1 18

9 8	1 40.55	− 1 4.1	2.233	3.085	11.8	21.0
9 18	1 36.71	− 2 12.4	2.155	3.075	9.0	20.8
9 28	1 31.15	− 3 24.8	2.100	3.066	6.1	20.6
10 8	1 24.39	− 4 35.6	2.073	3.056	4.2	20.5
10 18	1 17.11	− 5 38.5	2.075	3.046	5.1	20.5
10 28	1 10.12	− 6 27.8	2.104	3.036	7.8	20.7
11 7	1 4.16	− 6 59.6	2.160	3.026	10.8	20.9
11 17	0 59.82	− 7 12.4	2.238	3.016	13.5	21.0

350937 2002 TE_{369} 10 14.7 342.°13 6.°5/ 9.3 18

9 8	1 44.65	− 6 56.2	1.741	2.601	14.2	20.8
9 18	1 40.22	− 7 53.2	1.678	2.598	11.1	20.6
9 28	1 33.57	− 8 48.5	1.638	2.596	8.2	20.4
10 8	1 25.40	− 9 34.6	1.622	2.594	6.5	20.3
10 18	1 16.64	−10 4.5	1.633	2.592	7.6	20.4
10 28	1 8.37	−10 13.3	1.670	2.590	10.3	20.5
11 7	1 1.55	− 9 59.1	1.730	2.589	13.4	20.7
11 17	0 56.86	− 9 23.0	1.812	2.587	16.3	20.9

389719 2011 SP_{46} 10 14.7 16.°10 4.°0/11.4 18

9 8	1 40.44	+ 2 50.8	1.392	2.263	16.4	20.3
9 18	1 37.43	+ 1 43.9	1.335	2.267	12.4	20.0
9 28	1 31.94	+ 0 27.9	1.300	2.272	8.0	19.8
10 8	1 24.77	− 0 48.8	1.288	2.278	4.4	19.6
10 18	1 16.97	− 1 57.2	1.301	2.285	5.3	19.7
10 28	1 9.77	− 2 48.7	1.340	2.293	9.3	20.0
11 7	1 4.22	− 3 17.9	1.403	2.301	13.4	20.2
11 17	1 1.02	− 3 23.3	1.485	2.310	16.9	20.5

356284 2010 CH_{242} 10 14.7 268.°97 1.°2/12.4 18

9 8	1 34.25	+ 3 49.9	4.460	5.290	6.7	21.4
9 18	1 31.11	+ 3 17.4	4.376	5.287	5.1	21.2
9 28	1 27.16	+ 2 41.9	4.317	5.283	3.2	21.1
10 8	1 22.68	+ 2 5.3	4.287	5.279	1.5	21.0
10 18	1 17.98	+ 1 30.1	4.288	5.275	1.7	21.0
10 28	1 13.42	+ 0 58.3	4.320	5.271	3.4	21.1
11 7	1 9.32	+ 0 32.1	4.380	5.267	5.3	21.2
11 17	1 5.97	+ 0 13.0	4.467	5.263	6.9	21.4

116355 2003 YT_{91} 10 14.7 354.°88 9.°8/ 6.0 18

9 8	1 42.53	−13 12.8	1.561	2.427	15.2	19.0
9 18	1 38.85	−14 45.6	1.510	2.425	12.5	18.9
9 28	1 32.79	−16 10.8	1.481	2.422	10.4	18.7
10 8	1 25.10	−17 18.2	1.475	2.421	9.8	18.7
10 18	1 16.81	−17 59.3	1.494	2.420	11.1	18.8
10 28	1 9.10	−18 8.7	1.535	2.419	13.5	18.9
11 7	1 2.97	−17 46.3	1.598	2.420	16.2	19.1
11 17	0 59.11	−16 55.1	1.678	2.420	18.7	19.3

397305 2006 SU_{243} 10 14.7 85.°40 1.°7/13.0 18

	h m	° ′			°	m
9 8	1 42.49	+ 6 37.6	1.924	2.766	13.8	21.4
9 18	1 38.40	+ 5 50.9	1.852	2.769	10.4	21.2
9 28	1 32.32	+ 4 54.4	1.804	2.772	6.6	21.0
10 8	1 24.89	+ 3 53.0	1.781	2.774	2.8	20.8
10 18	1 16.92	+ 2 52.5	1.786	2.777	2.7	20.8
10 28	1 9.37	+ 1 59.5	1.820	2.780	6.6	21.0
11 7	1 3.10	+ 1 19.1	1.880	2.782	10.3	21.3
11 17	0 58.71	+ 0 54.7	1.964	2.785	13.5	21.5

385313 2001 XV_{244} 10 14.7 339.°46 1.°7/15.8 18

9 8	1 41.85	+13 6.8	1.237	2.091	19.1	20.5
9 18	1 39.22	+13 13.2	1.161	2.079	15.1	20.3
9 28	1 33.57	+13 1.3	1.103	2.068	10.3	19.9
10 8	1 25.61	+12 32.8	1.066	2.057	4.9	19.6
10 18	1 16.52	+11 52.0	1.053	2.048	2.1	19.4
10 28	1 7.86	+11 6.8	1.065	2.040	7.4	19.7
11 7	1 1.07	+10 26.4	1.100	2.033	12.7	20.0
11 17	0 57.15	+ 9 58.1	1.155	2.028	17.4	20.3

62669 2000 TT_2 10 14.7 304.°12 0.°1/14.7 18

9 8	1 42.00	+10 51.8	1.975	2.805	13.9	19.6
9 18	1 38.11	+10 24.7	1.891	2.799	10.7	19.4
9 28	1 32.20	+ 9 45.0	1.830	2.793	7.0	19.2
10 8	1 24.87	+ 8 56.0	1.794	2.787	2.9	18.9
10 18	1 16.91	+ 8 2.4	1.787	2.781	1.4	18.8
10 28	1 9.28	+ 7 10.1	1.807	2.776	5.7	19.1
11 7	1 2.87	+ 6 25.0	1.855	2.770	9.6	19.3
11 17	0 58.33	+ 5 51.8	1.926	2.765	13.0	19.5

327711 2006 SJ_{91} 10 14.7 25.°84 1.°0/13.9 16

9 8	1 36.40	+13 53.2	0.934	1.813	21.8	19.8
9 18	1 35.20	+12 18.9	0.892	1.827	16.6	19.5
9 28	1 30.83	+10 15.9	0.868	1.842	10.6	19.3
10 8	1 24.36	+ 7 55.4	0.864	1.859	4.1	19.0
10 18	1 17.23	+ 5 33.6	0.883	1.878	2.9	19.0
10 28	1 11.03	+ 3 27.7	0.926	1.897	9.0	19.4
11 7	1 7.00	+ 1 50.5	0.991	1.919	14.5	19.8
11 17	1 5.81	+ 0 47.5	1.075	1.941	19.0	20.2

296723 2009 SD_{353} 10 14.7 263.°28 0.°4/15.2 18

9 8	1 41.55	+12 2.2	2.425	3.241	12.1	21.7
9 18	1 37.44	+11 40.2	2.331	3.230	9.4	21.5
9 28	1 31.63	+11 7.2	2.260	3.219	6.2	21.3
10 8	1 24.61	+10 25.4	2.216	3.208	2.7	21.0
10 18	1 17.04	+ 9 38.3	2.201	3.196	1.1	20.9
10 28	1 9.70	+ 8 50.6	2.215	3.184	4.7	21.1
11 7	1 3.33	+ 8 7.2	2.258	3.173	8.2	21.3
11 17	0 58.51	+ 7 32.3	2.326	3.161	11.2	21.5

518036 2015 XF_{41} 10 14.7 335.°12 5.°0/10.3 18

9 8	1 42.77	− 3 57.0	1.930	2.787	13.1	20.8
9 18	1 38.63	− 4 41.5	1.859	2.780	10.1	20.6
9 28	1 32.50	− 5 26.7	1.811	2.774	7.1	20.4
10 8	1 24.98	− 6 6.6	1.789	2.768	5.1	20.3
10 18	1 16.88	− 6 35.5	1.794	2.763	5.9	20.3
10 28	1 9.17	− 6 48.3	1.825	2.758	8.7	20.5
11 7	1 2.72	− 6 42.6	1.882	2.753	11.9	20.7
11 17	0 58.16	− 6 18.2	1.960	2.749	14.8	20.9

258022 2001 FQ_{145} 10 14.7 203.°66 1.°5/13.4 18

9 8	1 46.58	+ 7 31.2	1.795	2.632	14.8	21.4
9 18	1 41.76	+ 6 45.7	1.715	2.628	11.3	21.2
9 28	1 34.64	+ 5 48.4	1.657	2.624	7.3	20.9
10 8	1 25.89	+ 4 44.0	1.626	2.619	3.0	20.7
10 18	1 16.44	+ 3 38.8	1.622	2.614	2.7	20.6
10 28	1 7.40	+ 2 40.3	1.647	2.608	7.0	20.9
11 7	0 59.78	+ 1 54.7	1.698	2.601	11.1	21.1
11 17	0 54.31	+ 1 26.0	1.773	2.594	14.8	21.3

304290 2006 SM_{70} 10 14.7 299.°56 0.°8/14.0 18

9 8	1 44.64	+ 7 35.4	1.919	2.755	14.0	21.0
9 18	1 40.15	+ 7 19.6	1.839	2.751	10.8	20.8
9 28	1 33.54	+ 6 54.6	1.781	2.747	6.9	20.6
10 8	1 25.44	+ 6 23.6	1.749	2.743	2.8	20.3
10 18	1 16.69	+ 5 51.0	1.745	2.739	1.9	20.2
10 28	1 8.30	+ 5 21.8	1.770	2.735	6.1	20.5
11 7	1 1.20	+ 5 1.0	1.821	2.731	10.1	20.7
11 17	0 56.08	+ 4 51.8	1.895	2.728	13.5	20.9

445709 2011 UW_{243} 10 14.7 260.°49 0.°5/15.1 18

9 8	1 42.94	+12 9.1	1.999	2.823	14.0	21.9
9 18	1 38.79	+11 45.1	1.917	2.821	10.9	21.6
9 28	1 32.64	+11 8.1	1.857	2.818	7.2	21.4
10 8	1 25.06	+10 20.8	1.823	2.815	3.1	21.2
10 18	1 16.88	+ 9 27.6	1.817	2.812	1.3	21.0
10 28	1 9.06	+ 8 34.3	1.840	2.810	5.5	21.3
11 7	1 2.46	+ 7 47.0	1.890	2.807	9.3	21.5
11 17	0 57.75	+ 7 10.5	1.964	2.804	12.8	21.8

203000 1999 VC_{195} 10 14.7 312.°21 4.°6/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.38	− 1 11.0	1.553	2.414	15.5	19.5
9 18	1 41.28	− 1 44.7	1.472	2.397	12.0	19.3
9 28	1 34.59	− 2 22.1	1.412	2.380	8.1	19.0
10 8	1 25.97	− 2 56.7	1.377	2.364	4.9	18.8
10 18	1 16.43	− 3 21.9	1.367	2.348	5.7	18.8
10 28	1 7.24	− 3 31.2	1.384	2.332	9.5	19.0
11 7	0 59.59	− 3 21.0	1.425	2.317	13.6	19.2
11 17	0 54.36	− 2 50.2	1.486	2.302	17.4	19.4

451833 2013 JF_{13} 10 14.7 358.°49 4.°8/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.72	− 4 8.7	2.091	2.944	12.4	20.8
9 18	1 38.40	− 4 58.7	2.024	2.943	9.5	20.6
9 28	1 32.26	− 5 49.2	1.981	2.943	6.7	20.4
10 8	1 24.87	− 6 34.4	1.965	2.943	4.9	20.3
10 18	1 17.00	− 7 8.7	1.976	2.943	5.7	20.4
10 28	1 9.53	− 7 27.7	2.014	2.943	8.3	20.5
11 7	1 3.23	− 7 28.8	2.078	2.943	11.2	20.7
11 17	0 58.69	− 7 11.7	2.165	2.943	13.9	20.9

403734 2010 XB_{41} 10 14.7 359.°38 5.°8/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.20	− 6 29.2	1.913	2.770	13.2	20.0
9 18	1 38.93	− 7 17.7	1.849	2.769	10.3	19.8
9 28	1 32.67	− 8 4.7	1.809	2.768	7.5	19.6
10 8	1 25.05	− 8 43.5	1.795	2.768	5.9	19.5
10 18	1 16.92	− 9 8.5	1.807	2.768	6.8	19.6
10 28	1 9.24	− 9 15.1	1.846	2.768	9.4	19.8
11 7	1 2.86	− 9 1.6	1.909	2.769	12.3	20.0
11 17	0 58.38	− 8 28.6	1.994	2.770	15.0	20.1

245844 2006 KX_{63} 10 14.7 311.°13 1.°5/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.65	+17 6.2	2.019	2.832	14.3	20.2
9 18	1 35.73	+16 23.4	1.912	2.806	11.4	19.9
9 28	1 30.80	+15 21.1	1.827	2.780	7.8	19.7
10 8	1 24.38	+14 1.4	1.767	2.755	3.9	19.4
10 18	1 17.20	+12 28.8	1.735	2.729	1.7	19.2
10 28	1 10.22	+10 50.8	1.732	2.704	5.4	19.4
11 7	1 4.33	+ 9 16.0	1.756	2.680	9.5	19.6
11 17	1 0.28	+ 7 52.3	1.805	2.655	13.2	19.8

92273 2000 CQ_{81} 10 14.7 352.°33 7.°6/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.59	+26 1.1	1.669	2.446	18.3	18.0
9 18	1 40.12	+27 7.5	1.586	2.439	15.5	17.8
9 28	1 33.97	+27 53.5	1.521	2.432	12.4	17.6
10 8	1 25.77	+28 15.2	1.478	2.427	9.5	17.4
10 18	1 16.51	+28 11.4	1.458	2.422	7.7	17.3
10 28	1 7.55	+27 44.5	1.464	2.419	8.3	17.3
11 7	1 0.15	+27 1.5	1.494	2.417	10.9	17.5
11 17	0 55.27	+26 11.0	1.547	2.416	14.0	17.7

421909 2014 QJ_{224} 10 14.7 340.°40 2.°3/12.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.04	+ 5 38.1	2.029	2.878	12.9	21.4
9 18	1 35.73	+ 4 35.1	1.953	2.873	9.8	21.2
9 28	1 30.61	+ 3 22.5	1.900	2.869	6.2	21.0
10 8	1 24.23	+ 2 5.6	1.873	2.865	2.9	20.7
10 18	1 17.32	+ 0 50.9	1.874	2.862	3.3	20.8
10 28	1 10.75	− 0 14.7	1.904	2.859	6.8	21.0
11 7	1 5.30	− 1 5.8	1.960	2.856	10.3	21.2
11 17	1 1.56	− 1 39.1	2.039	2.853	13.4	21.4

443413 2014 HA_{52} 10 14.7 98.°74 1.°7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.59	+ 6 29.4	1.853	2.695	14.2	21.6
9 18	1 39.33	+ 5 48.5	1.781	2.698	10.8	21.4
9 28	1 32.98	+ 4 57.9	1.732	2.700	6.9	21.2
10 8	1 25.20	+ 4 2.4	1.709	2.703	2.9	20.9
10 18	1 16.85	+ 3 7.7	1.714	2.705	2.7	20.9
10 28	1 8.94	+ 2 20.3	1.747	2.708	6.7	21.2
11 7	1 2.37	+ 1 45.4	1.806	2.710	10.5	21.4
11 17	0 57.78	+ 1 26.1	1.889	2.712	13.9	21.6

263638 2008 GN_{70} 10 14.7 21.°65 5.°8/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.18	− 6 27.8	1.935	2.792	13.1	20.0
9 18	1 38.86	− 7 22.5	1.876	2.795	10.2	19.9
9 28	1 32.59	− 8 15.7	1.839	2.798	7.4	19.7
10 8	1 25.01	− 9 0.8	1.829	2.801	5.9	19.6
10 18	1 16.96	− 9 31.8	1.845	2.804	6.8	19.7
10 28	1 9.37	− 9 44.1	1.888	2.808	9.3	19.8
11 7	1 3.08	− 9 36.1	1.955	2.812	12.2	20.0
11 17	0 58.66	− 9 8.1	2.044	2.816	14.8	20.2

495079 2011 HE_{57} 10 14.7 233.°18 0.°8/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.39	+ 8 29.1	3.378	4.195	9.0	23.6
9 18	1 35.31	+ 7 37.2	3.277	4.179	6.8	23.4
9 28	1 30.03	+ 6 37.6	3.201	4.164	4.4	23.2
10 8	1 23.93	+ 5 33.1	3.154	4.148	1.7	23.0
10 18	1 17.46	+ 4 27.2	3.139	4.131	1.5	23.0
10 28	1 11.15	+ 3 24.1	3.155	4.114	4.2	23.1
11 7	1 5.49	+ 2 27.4	3.201	4.096	6.7	23.3
11 17	1 0.92	+ 1 40.2	3.274	4.078	9.0	23.4

114786 2003 MR_6 10 14.7 16.°84 7.°8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.94	+30 25.7	1.618	2.380	19.3	18.1
9 18	1 37.20	+30 54.2	1.551	2.389	16.6	17.9
9 28	1 31.91	+30 54.6	1.501	2.400	13.4	17.8
10 8	1 24.83	+30 24.9	1.471	2.412	10.3	17.6
10 18	1 17.03	+29 26.3	1.464	2.424	8.1	17.5
10 28	1 9.78	+28 4.8	1.483	2.438	8.2	17.6
11 7	1 4.19	+26 30.3	1.526	2.453	10.4	17.7
11 17	1 1.01	+24 53.6	1.592	2.469	13.2	17.9

193380 2000 VY_{23} 10 14.7 351.°91 0.°1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.20	+11 29.7	1.403	2.255	17.4	19.5
9 18	1 38.23	+10 55.4	1.332	2.251	13.5	19.3
9 28	1 32.64	+10 3.4	1.280	2.247	8.8	19.0
10 8	1 25.16	+ 8 57.9	1.251	2.245	3.6	18.7
10 18	1 16.87	+ 7 46.2	1.248	2.243	1.8	18.6
10 28	1 9.07	+ 6 37.4	1.271	2.242	7.1	18.9
11 7	1 2.95	+ 5 40.2	1.318	2.241	12.0	19.2
11 17	0 59.30	+ 5 0.8	1.387	2.241	16.2	19.4

56349 2000 AZ_{90} 10 14.7 14.°46 6.°4/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.39	+ 0 59.6	0.861	1.767	20.5	17.1
9 18	1 35.38	− 0 23.2	0.824	1.774	15.5	16.9
9 28	1 31.07	− 1 54.7	0.804	1.783	10.3	16.6
10 8	1 24.52	− 3 21.3	0.804	1.794	6.6	16.5
10 18	1 17.24	− 4 29.3	0.825	1.807	8.0	16.6
10 28	1 10.89	− 5 8.3	0.867	1.822	12.5	16.9
11 7	1 6.79	− 5 13.9	0.928	1.839	17.2	17.3
11 17	1 5.64	− 4 47.9	1.006	1.858	21.2	17.6

155346 2007 AH_{23} 10 14.7 207.°94 2.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.62	+ 6 21.8	1.813	2.653	14.6	21.6
9 18	1 41.00	+ 5 33.5	1.734	2.649	11.1	21.4
9 28	1 34.15	+ 4 34.3	1.677	2.645	7.1	21.2
10 8	1 25.72	+ 3 29.5	1.647	2.640	3.0	20.9
10 18	1 16.61	+ 2 25.4	1.645	2.635	3.1	20.9
10 28	1 7.89	+ 1 29.3	1.671	2.630	7.2	21.1
11 7	1 0.57	+ 0 47.1	1.723	2.624	11.2	21.4
11 17	0 55.35	+ 0 22.4	1.799	2.617	14.7	21.6

145096 2005 GP_{74} 10 14.7 203.°19 0.°2/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.81	+12 9.3	1.536	2.371	17.0	20.7
9 18	1 41.56	+11 37.2	1.460	2.370	13.2	20.5
9 28	1 34.71	+10 47.9	1.405	2.368	8.7	20.2
10 8	1 25.99	+ 9 45.2	1.374	2.367	3.6	19.9
10 18	1 16.47	+ 8 35.3	1.370	2.365	1.7	19.8
10 28	1 7.45	+ 7 26.8	1.393	2.363	6.8	20.1
11 7	1 0.08	+ 6 28.0	1.442	2.361	11.5	20.4
11 17	0 55.17	+ 5 45.1	1.513	2.358	15.6	20.6

77931 2002 GO_{19} 10 14.7 51.°76 2.°1/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.77	+17 2.8	1.140	1.982	21.2	19.1
9 18	1 41.86	+16 28.9	1.096	2.006	16.6	18.9
9 28	1 34.91	+15 29.4	1.071	2.031	11.2	18.7
10 8	1 26.00	+14 9.1	1.067	2.056	5.5	18.5
10 18	1 16.55	+12 37.0	1.088	2.082	2.3	18.3
10 28	1 8.13	+11 5.0	1.134	2.108	7.1	18.7
11 7	1 1.94	+ 9 44.5	1.203	2.135	12.1	19.1
11 17	0 58.64	+ 8 43.1	1.295	2.161	16.4	19.4

477771 2011 AR_{56} 10 14.7 298.°40 1.°4/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.71	+13 26.9	1.396	2.236	18.1	21.9
9 18	1 41.25	+13 21.1	1.307	2.218	14.3	21.6
9 28	1 34.87	+12 56.9	1.238	2.200	9.8	21.3
10 8	1 26.20	+12 16.0	1.191	2.182	4.6	21.0
10 18	1 16.32	+11 22.8	1.169	2.164	1.9	20.7
10 28	1 6.73	+10 25.2	1.173	2.147	7.2	21.0
11 7	0 58.84	+ 9 32.5	1.201	2.129	12.5	21.3
11 17	0 53.68	+ 8 52.5	1.251	2.112	17.2	21.5

51537 2001 FT_{133} 10 14.7 106.°66 0.°3/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.60	+11 37.0	2.840	3.647	10.7	21.1
9 18	1 37.77	+11 10.3	2.774	3.669	8.2	20.9
9 28	1 31.59	+10 34.9	2.733	3.691	5.3	20.8
10 8	1 24.55	+ 9 53.2	2.720	3.712	2.3	20.6
10 18	1 17.23	+ 9 8.5	2.737	3.732	1.0	20.5
10 28	1 10.26	+ 8 24.6	2.785	3.752	4.0	20.8
11 7	1 4.22	+ 7 45.3	2.862	3.772	6.8	21.0
11 17	0 59.54	+ 7 13.6	2.966	3.791	9.3	21.2

169553 2002 EY_{110} 10 14.7 313.°85 3.°1/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.81	+ 3 19.9	1.213	2.081	18.5	20.0
9 18	1 43.07	+ 3 0.0	1.138	2.068	14.3	19.7
9 28	1 36.12	+ 2 31.2	1.082	2.054	9.3	19.4
10 8	1 26.72	+ 1 59.2	1.048	2.041	4.3	19.0
10 18	1 16.11	+ 1 31.5	1.039	2.029	4.4	19.0
10 28	1 5.96	+ 1 15.8	1.054	2.017	9.6	19.3
11 7	0 57.80	+ 1 17.9	1.092	2.006	14.8	19.5
11 17	0 52.65	+ 1 40.2	1.149	1.995	19.4	19.8

29538 1998 BN_{16} 10 14.7 242.°15 5.°5/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.84	− 9 54.3	2.658	3.502	10.3	17.1
9 18	1 37.39	−10 45.8	2.590	3.498	8.2	17.0
9 28	1 31.46	−11 34.1	2.547	3.493	6.3	16.8
10 8	1 24.54	−12 14.1	2.532	3.489	5.5	16.8
10 18	1 17.23	−12 41.6	2.544	3.485	6.3	16.8
10 28	1 10.22	−12 53.0	2.584	3.480	8.2	16.9
11 7	1 4.14	−12 47.1	2.649	3.476	10.3	17.1
11 17	0 59.47	−12 24.1	2.737	3.471	12.3	17.2

174616 2003 SQ_{51} 10 14.7 294.°43 4.°3/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.06	+ 2 38.9	1.354	2.221	17.0	20.1
9 18	1 40.51	+ 1 31.2	1.283	2.213	13.0	19.8
9 28	1 34.19	+ 0 12.6	1.232	2.204	8.5	19.6
10 8	1 25.84	− 1 8.6	1.205	2.195	4.7	19.3
10 18	1 16.58	− 2 22.4	1.204	2.187	5.7	19.4
10 28	1 7.81	− 3 18.9	1.228	2.179	10.1	19.6
11 7	1 0.80	− 3 51.6	1.274	2.171	14.6	19.8
11 17	0 56.40	− 3 58.0	1.341	2.163	18.6	20.1

267710 2003 AQ_{57} 10 14.7 308.°01 18.°8/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 52.04	+40 49.6	1.128	1.851	28.1	20.3
9 18	1 49.15	+43 22.4	1.058	1.843	26.0	20.1
9 28	1 41.43	+45 22.3	1.000	1.835	23.5	19.9
10 8	1 29.39	+46 35.1	0.955	1.828	21.2	19.7
10 18	1 14.67	+46 48.4	0.926	1.821	19.4	19.6
10 28	1 0.15	+45 58.5	0.914	1.815	18.8	19.6
11 7	0 48.73	+44 15.3	0.920	1.808	19.6	19.6
11 17	0 42.31	+41 57.8	0.943	1.802	21.6	19.7

9548 Fortran 10 14.7 312.°76 5.°1/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.11	+ 3 4.9	1.285	2.163	17.1	18.2
9 18	1 37.05	+ 1 31.9	1.200	2.136	13.1	17.9
9 28	1 32.18	− 0 17.9	1.135	2.109	8.7	17.6
10 8	1 25.12	− 2 15.1	1.093	2.082	5.3	17.3
10 18	1 16.89	− 4 6.8	1.076	2.056	6.8	17.3
10 28	1 8.93	− 5 39.3	1.083	2.031	11.5	17.5
11 7	1 2.60	− 6 42.4	1.112	2.006	16.4	17.7
11 17	0 58.92	− 7 11.7	1.159	1.982	20.8	17.9

172942 2005 JX_{71} 10 14.7 136.°99 5.°2/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.36	+27 1.5	2.224	2.969	15.2	20.1
9 18	1 40.58	+27 6.0	2.142	2.977	12.7	20.0
9 28	1 33.76	+26 50.1	2.080	2.986	9.9	19.8
10 8	1 25.54	+26 13.1	2.042	2.993	7.1	19.7
10 18	1 16.75	+25 16.7	2.031	3.001	5.3	19.6
10 28	1 8.37	+24 5.7	2.048	3.008	5.9	19.6
11 7	1 1.29	+22 47.0	2.094	3.015	8.3	19.8
11 17	0 56.15	+21 28.4	2.165	3.021	11.1	20.0

334826 2003 SN_{336} 10 14.7 268.°82 4.°2/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.65	− 1 5.9	1.877	2.728	13.7	21.2
9 18	1 41.03	− 1 48.9	1.794	2.714	10.5	21.0
9 28	1 34.20	− 2 35.6	1.734	2.700	7.1	20.8
10 8	1 25.78	− 3 20.3	1.700	2.686	4.4	20.6
10 18	1 16.62	− 3 56.8	1.694	2.671	5.2	20.6
10 28	1 7.78	− 4 19.3	1.715	2.657	8.5	20.8
11 7	1 0.25	− 4 24.2	1.761	2.642	12.1	21.0
11 17	0 54.75	− 4 10.2	1.830	2.627	15.3	21.2

291610 2006 GQ_{43} 10 14.7 246.°93 1.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.92	+ 5 59.0	2.544	3.379	11.0	21.2
9 18	1 36.09	+ 4 58.9	2.455	3.368	8.4	21.0
9 28	1 30.72	+ 3 50.4	2.390	3.357	5.3	20.8
10 8	1 24.28	+ 2 37.6	2.354	3.346	2.4	20.5
10 18	1 17.36	+ 1 25.8	2.347	3.335	2.7	20.6
10 28	1 10.68	+ 0 20.3	2.370	3.324	5.7	20.7
11 7	1 4.90	− 0 34.0	2.421	3.312	8.8	20.9
11 17	1 0.54	− 1 14.0	2.497	3.300	11.5	21.1

356063 2009 DF_{50} 10 14.7 175.°56 1.°1/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.60	+13 42.4	2.067	2.880	14.0	21.8
9 18	1 40.01	+13 29.6	1.985	2.881	10.9	21.6
9 28	1 33.41	+13 3.6	1.926	2.882	7.3	21.4
10 8	1 25.42	+12 26.4	1.893	2.882	3.5	21.1
10 18	1 16.83	+11 41.6	1.888	2.883	1.5	21.0
10 28	1 8.60	+10 54.5	1.912	2.883	5.2	21.2
11 7	1 1.60	+10 10.8	1.963	2.883	8.9	21.5
11 17	0 56.49	+ 9 35.5	2.040	2.882	12.3	21.7

96457 1998 HC_{24} 10 14.7 250.°93 2.°4/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.49	+ 4 37.2	1.836	2.682	14.2	19.2
9 18	1 40.16	+ 3 53.0	1.755	2.673	10.8	18.9
9 28	1 33.64	+ 2 59.9	1.697	2.665	7.0	18.7
10 8	1 25.56	+ 2 3.0	1.664	2.656	3.2	18.4
10 18	1 16.77	+ 1 8.3	1.659	2.647	3.5	18.4
10 28	1 8.34	+ 0 22.7	1.682	2.638	7.3	18.7
11 7	1 1.24	− 0 8.6	1.731	2.629	11.3	18.9
11 17	0 56.17	− 0 22.6	1.803	2.619	14.7	19.1

475350 2006 BB_{161} 10 14.7 291.°07 5.°7/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.22	+23 38.3	1.706	2.488	17.7	21.4
9 18	1 41.98	+24 7.3	1.620	2.483	14.7	21.1
9 28	1 35.10	+24 15.0	1.553	2.478	11.3	20.9
10 8	1 26.24	+23 59.5	1.509	2.473	7.8	20.7
10 18	1 16.43	+23 21.6	1.490	2.468	5.7	20.6
10 28	1 6.96	+22 26.1	1.497	2.462	7.0	20.7
11 7	0 59.07	+21 21.1	1.531	2.457	10.4	20.8
11 17	0 53.65	+20 15.7	1.588	2.453	13.9	21.0

148535 2001 QB_{58} 10 14.7 75.°99 3.°0/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.27	+ 4 8.7	1.473	2.327	16.6	19.7
9 18	1 42.39	+ 3 18.9	1.423	2.346	12.5	19.5
9 28	1 35.03	+ 2 20.7	1.395	2.364	8.0	19.3
10 8	1 26.06	+ 1 20.8	1.391	2.383	3.8	19.1
10 18	1 16.60	+ 0 26.8	1.414	2.401	4.1	19.1
10 28	1 7.91	− 0 14.2	1.463	2.420	8.2	19.4
11 7	1 1.00	− 0 37.6	1.538	2.438	12.3	19.7
11 17	0 56.52	− 0 41.4	1.634	2.456	15.8	20.0

41134 1999 VP_{100} 10 14.7 103.°40 0.°2/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.91	+10 0.8	2.300	3.123	12.5	20.0
9 18	1 38.42	+ 9 36.8	2.227	3.131	9.5	19.8
9 28	1 32.23	+ 9 3.1	2.178	3.140	6.2	19.7
10 8	1 24.90	+ 8 22.7	2.156	3.149	2.5	19.4
10 18	1 17.13	+ 7 39.5	2.162	3.157	1.3	19.4
10 28	1 9.74	+ 6 58.2	2.198	3.165	5.0	19.6
11 7	1 3.44	+ 6 23.3	2.262	3.173	8.3	19.9
11 17	0 58.78	+ 5 58.1	2.352	3.182	11.3	20.1

344451 2002 JM_{123} 10 14.7 83.°89 7.°2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.98	− 9 26.9	1.745	2.596	14.6	20.3
9 18	1 43.29	−10 22.5	1.702	2.614	11.5	20.1
9 28	1 35.42	−11 12.6	1.681	2.632	8.6	20.0
10 8	1 26.17	−11 50.0	1.686	2.649	7.2	20.0
10 18	1 16.56	−12 8.5	1.717	2.667	8.1	20.1
10 28	1 7.68	−12 4.7	1.775	2.684	10.5	20.3
11 7	1 0.42	−11 38.4	1.856	2.701	13.3	20.5
11 17	0 55.35	−10 51.8	1.959	2.718	15.8	20.7

114723 2003 GU_{34} 10 14.7 64.°84 3.°8/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.86	− 1 27.6	1.994	2.841	13.2	19.8
9 18	1 40.83	− 1 56.0	1.932	2.849	10.0	19.7
9 28	1 33.84	− 2 26.1	1.893	2.858	6.7	19.5
10 8	1 25.56	− 2 52.9	1.881	2.866	4.0	19.3
10 18	1 16.83	− 3 11.7	1.896	2.875	4.6	19.4
10 28	1 8.59	− 3 18.4	1.940	2.884	7.5	19.6
11 7	1 1.66	− 3 10.8	2.010	2.893	10.7	19.8
11 17	0 56.63	− 2 48.3	2.103	2.902	13.6	20.0

521637 2015 QO_{16} 10 14.7 66.°39 0.°5/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.36	+10 3.8	1.924	2.758	14.1	21.8
9 18	1 38.35	+ 9 24.5	1.851	2.762	10.8	21.6
9 28	1 32.35	+ 8 32.9	1.801	2.766	6.9	21.4
10 8	1 24.99	+ 7 33.1	1.777	2.770	2.8	21.2
10 18	1 17.10	+ 6 30.5	1.780	2.775	1.7	21.1
10 28	1 9.62	+ 5 31.5	1.813	2.779	5.9	21.4
11 7	1 3.42	+ 4 42.3	1.871	2.783	9.7	21.6
11 17	0 59.12	+ 4 7.0	1.954	2.788	13.1	21.8

516840 2011 AG_{31} 10 14.7 347.°51 5.°0/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.50	− 3 37.0	2.051	2.909	12.4	20.2
9 18	1 36.81	− 4 43.1	1.985	2.907	9.5	20.0
9 28	1 31.30	− 5 50.8	1.942	2.904	6.7	19.9
10 8	1 24.55	− 6 53.7	1.925	2.902	5.0	19.8
10 18	1 17.31	− 7 45.5	1.935	2.900	6.0	19.8
10 28	1 10.43	− 8 20.6	1.973	2.899	8.7	20.0
11 7	1 4.70	− 8 36.2	2.035	2.897	11.6	20.2
11 17	1 0.69	− 8 31.6	2.120	2.896	14.2	20.3

432704 2011 CH_7 10 14.7 188.°75 2.°5/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.77	+ 4 41.0	2.090	2.926	13.1	22.2
9 18	1 40.80	+ 3 39.6	2.012	2.925	9.9	22.0
9 28	1 33.88	+ 2 29.4	1.957	2.924	6.4	21.8
10 8	1 25.61	+ 1 15.8	1.930	2.922	3.1	21.6
10 18	1 16.79	+ 0 5.2	1.933	2.919	3.5	21.6
10 28	1 8.34	− 0 55.8	1.964	2.915	6.9	21.8
11 7	1 1.12	− 1 42.3	2.023	2.911	10.4	22.0
11 17	0 55.73	− 2 11.2	2.106	2.905	13.5	22.2

147047 2002 RE_{85} 10 14.7 41.°97 1.°5/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.73	+13 31.4	1.378	2.215	18.5	19.5
9 18	1 42.51	+13 29.8	1.311	2.220	14.5	19.2
9 28	1 35.45	+13 10.7	1.264	2.225	9.7	19.0
10 8	1 26.36	+12 36.2	1.240	2.230	4.6	18.7
10 18	1 16.43	+11 51.1	1.241	2.236	2.0	18.6
10 28	1 7.13	+11 2.9	1.268	2.242	6.8	18.9
11 7	0 59.70	+10 20.0	1.320	2.248	11.6	19.2
11 17	0 54.98	+ 9 48.7	1.394	2.254	15.8	19.4

163189 2002 EU_6 10 14.7 334.°11 0.°6/15.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.60	+12 35.6	3.958	4.760	8.1	19.8
9 18	1 33.05	+12 28.0	3.866	4.756	6.2	19.7
9 28	1 28.53	+12 14.0	3.799	4.752	4.2	19.6
10 8	1 23.35	+11 54.8	3.759	4.748	1.9	19.4
10 18	1 17.89	+11 32.2	3.750	4.745	0.8	19.3
10 28	1 12.57	+11 8.4	3.771	4.741	2.9	19.5
11 7	1 7.81	+10 45.8	3.822	4.738	5.1	19.6
11 17	1 3.93	+10 26.7	3.900	4.734	7.1	19.8

107688 2001 FB_{13} 10 14.7 138.°76 3.°3/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.85	+ 3 56.4	1.910	2.759	13.6	20.2
9 18	1 37.93	+ 2 28.4	1.842	2.763	10.2	20.0
9 28	1 32.06	+ 0 51.1	1.798	2.767	6.6	19.8
10 8	1 24.87	− 0 48.3	1.781	2.770	3.6	19.6
10 18	1 17.17	− 2 21.7	1.793	2.774	4.5	19.7
10 28	1 9.91	− 3 41.3	1.833	2.777	7.8	19.9
11 7	1 3.91	− 4 41.4	1.899	2.780	11.3	20.1
11 17	0 59.77	− 5 19.5	1.988	2.783	14.3	20.3

137306 1999 SU_{16} 10 14.7 11.°50 2.°8/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.53	+18 19.1	1.103	1.953	21.3	18.9
9 18	1 37.58	+17 55.0	1.042	1.954	17.0	18.6
9 28	1 32.52	+17 1.7	0.998	1.957	11.8	18.4
10 8	1 25.22	+15 42.1	0.974	1.962	6.3	18.1
10 18	1 17.00	+14 4.2	0.973	1.967	2.9	17.9
10 28	1 9.48	+12 20.5	0.996	1.973	7.4	18.2
11 7	1 4.04	+10 45.1	1.042	1.981	12.7	18.5
11 17	1 1.53	+ 9 28.4	1.109	1.989	17.4	18.8

407609 2011 BY_{100} 10 14.7 294.°27 2.°8/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.79	+ 3 39.0	2.204	3.051	12.1	21.6
9 18	1 36.30	+ 2 36.3	2.111	3.031	9.2	21.3
9 28	1 31.04	+ 1 25.2	2.042	3.011	5.9	21.1
10 8	1 24.49	+ 0 10.6	2.000	2.991	3.1	20.9
10 18	1 17.34	− 1 1.2	1.987	2.970	3.7	20.9
10 28	1 10.39	− 2 3.7	2.002	2.950	7.0	21.1
11 7	1 4.44	− 2 51.9	2.044	2.930	10.4	21.2
11 17	1 0.10	− 3 22.3	2.109	2.910	13.4	21.4

371379 2006 QV_{116} 10 14.7 47.°11 5.°0/18.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.15	+20 31.5	1.247	2.067	21.0	20.6
9 18	1 43.15	+20 53.9	1.188	2.079	17.0	20.4
9 28	1 35.99	+20 51.0	1.147	2.091	12.4	20.1
10 8	1 26.61	+20 22.3	1.127	2.104	7.7	19.9
10 18	1 16.36	+19 31.2	1.130	2.117	5.0	19.8
10 28	1 6.89	+18 26.0	1.158	2.131	7.4	20.0
11 7	0 59.59	+17 17.6	1.210	2.145	11.8	20.3
11 17	0 55.28	+16 16.3	1.285	2.159	15.9	20.6

146895 2002 CP_{66} 10 14.7 250.°20 1.°7/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.72	+ 5 33.6	2.170	3.008	12.6	20.3
9 18	1 38.46	+ 4 58.0	2.089	3.003	9.6	20.1
9 28	1 32.38	+ 4 14.6	2.031	2.998	6.1	19.9
10 8	1 25.02	+ 3 27.4	2.000	2.993	2.6	19.7
10 18	1 17.11	+ 2 41.2	1.998	2.988	2.6	19.7
10 28	1 9.52	+ 2 1.3	2.025	2.983	6.1	19.9
11 7	1 3.04	+ 1 32.0	2.078	2.978	9.6	20.1
11 17	0 58.27	+ 1 16.3	2.156	2.973	12.6	20.3

266187 2006 VL_{103} 10 14.7 6.°29 1.°8/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 35.98	+ 8 11.4	0.867	1.764	21.4	19.6
9 18	1 35.29	+ 7 38.7	0.819	1.763	16.4	19.3
9 28	1 31.22	+ 6 47.0	0.787	1.765	10.5	19.0
10 8	1 24.73	+ 5 43.9	0.774	1.769	4.2	18.7
10 18	1 17.28	+ 4 40.3	0.782	1.776	3.4	18.6
10 28	1 10.63	+ 3 48.4	0.811	1.784	9.6	19.0
11 7	1 6.26	+ 3 17.3	0.860	1.795	15.2	19.4
11 17	1 4.99	+ 3 11.2	0.927	1.807	20.0	19.7

387945 2005 EU_{148} 10 14.7 80.°55 0.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.19	+ 7 36.3	1.867	2.694	14.7	20.8
9 18	1 44.22	+ 7 40.7	1.807	2.713	11.3	20.6
9 28	1 36.08	+ 7 37.0	1.769	2.732	7.2	20.5
10 8	1 26.51	+ 7 27.6	1.758	2.750	2.9	20.2
10 18	1 16.46	+ 7 15.9	1.774	2.769	1.6	20.2
10 28	1 7.01	+ 7 6.1	1.821	2.787	5.8	20.5
11 7	0 59.08	+ 7 2.0	1.894	2.805	9.7	20.8
11 17	0 53.31	+ 7 6.4	1.992	2.823	13.0	21.0

237952 2002 RQ_{60} 10 14.8 26.°50 1.°6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.49	+15 36.2	1.311	2.156	18.8	19.4
9 18	1 37.69	+15 6.9	1.257	2.169	14.7	19.2
9 28	1 32.25	+14 15.8	1.222	2.184	9.9	19.0
10 8	1 25.02	+13 7.1	1.209	2.199	4.7	18.7
10 18	1 17.18	+11 48.0	1.221	2.216	1.9	18.6
10 28	1 10.03	+10 28.5	1.259	2.233	6.6	18.9
11 7	1 4.70	+ 9 18.3	1.321	2.252	11.3	19.3
11 17	1 1.85	+ 8 24.4	1.405	2.271	15.3	19.6

412405 2014 BQ_{62} 10 14.8 187.°14 6.°1/19.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.74	+24 16.2	1.901	2.664	16.8	20.9
9 18	1 45.25	+25 8.1	1.816	2.664	14.1	20.7
9 28	1 37.15	+25 41.6	1.750	2.663	10.9	20.5
10 8	1 27.11	+25 54.1	1.708	2.663	7.9	20.3
10 18	1 16.12	+25 44.8	1.692	2.662	6.1	20.2
10 28	1 5.46	+25 16.8	1.704	2.661	7.1	20.3
11 7	0 56.31	+24 36.3	1.743	2.660	10.0	20.5
11 17	0 49.56	+23 51.1	1.806	2.659	13.1	20.7

348350 2005 EO_{112} 10 14.8 252.°58 2.°1/16.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.24	+14 27.2	2.110	2.910	14.2	21.5
9 18	1 43.78	+14 46.3	2.009	2.895	11.3	21.3
9 28	1 36.07	+14 53.8	1.930	2.879	7.8	21.1
10 8	1 26.65	+14 49.8	1.877	2.862	4.1	20.8
10 18	1 16.34	+14 36.0	1.853	2.846	2.2	20.7
10 28	1 6.20	+14 15.8	1.858	2.828	5.4	20.8
11 7	0 57.26	+13 54.2	1.892	2.811	9.2	21.0
11 17	0 50.33	+13 35.9	1.951	2.793	12.8	21.2

507227 2010 XD_{86} 10 14.8 232.°70 13.°3/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 52.32	−26 20.5	1.790	2.606	15.7	20.8
9 18	1 46.32	−27 57.4	1.740	2.596	14.2	20.7
9 28	1 37.70	−29 16.7	1.710	2.585	13.4	20.6
10 8	1 27.25	−30 7.6	1.703	2.573	13.5	20.6
10 18	1 16.12	−30 22.7	1.718	2.561	14.5	20.6
10 28	1 5.62	−29 58.7	1.754	2.549	16.2	20.7
11 7	0 56.90	−28 58.0	1.810	2.536	18.1	20.8
11 17	0 50.71	−27 26.0	1.881	2.522	19.9	21.0

300408 2007 RW_{284} 10 14.8 302.°35 1.°1/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.66	+ 8 51.6	1.757	2.599	14.9	21.8
9 18	1 38.86	+ 8 9.2	1.678	2.594	11.4	21.6
9 28	1 32.86	+ 7 13.8	1.622	2.589	7.3	21.3
10 8	1 25.29	+ 6 10.1	1.591	2.585	2.9	21.1
10 18	1 17.05	+ 5 4.1	1.587	2.580	2.2	21.0
10 28	1 9.19	+ 4 3.4	1.611	2.576	6.7	21.3
11 7	1 2.70	+ 3 14.4	1.661	2.572	10.8	21.5
11 17	0 58.28	+ 2 41.8	1.734	2.568	14.5	21.8

509407 2007 DL_{81} 10 14.8 290.°38 1.°9/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.31	+ 7 43.5	1.525	2.377	16.2	21.4
9 18	1 39.71	+ 6 50.8	1.448	2.369	12.4	21.1
9 28	1 33.60	+ 5 43.7	1.391	2.361	8.0	20.8
10 8	1 25.65	+ 4 27.9	1.359	2.353	3.3	20.6
10 18	1 16.88	+ 3 11.3	1.354	2.345	3.1	20.5
10 28	1 8.53	+ 2 3.0	1.375	2.338	7.9	20.8
11 7	1 1.74	+ 1 10.7	1.421	2.330	12.4	21.0
11 17	0 57.31	+ 0 39.1	1.489	2.323	16.4	21.3

408497 2013 JV_{20} 10 14.8 123.°18 1.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.95	+13 9.0	2.403	3.209	12.5	21.6
9 18	1 39.98	+13 8.7	2.325	3.216	9.7	21.4
9 28	1 33.28	+12 57.9	2.270	3.223	6.5	21.2
10 8	1 25.39	+12 38.2	2.241	3.230	3.1	21.0
10 18	1 17.03	+12 12.2	2.242	3.236	1.4	20.9
10 28	1 9.00	+11 43.7	2.272	3.242	4.5	21.1
11 7	1 2.05	+11 16.9	2.331	3.249	7.8	21.4
11 17	0 56.75	+10 55.7	2.416	3.255	10.7	21.6

352329 2007 UW_{130} 10 14.8 45.°63 0.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.63	+11 55.9	1.761	2.594	15.2	20.7
9 18	1 38.77	+11 19.8	1.690	2.598	11.7	20.5
9 28	1 32.75	+10 28.9	1.640	2.603	7.7	20.3
10 8	1 25.23	+ 9 27.1	1.615	2.608	3.2	20.0
10 18	1 17.11	+ 8 20.0	1.617	2.612	1.5	19.9
10 28	1 9.46	+ 7 15.1	1.648	2.617	6.0	20.2
11 7	1 3.21	+ 6 19.1	1.705	2.622	10.1	20.5
11 17	0 59.01	+ 5 37.3	1.785	2.628	13.7	20.7

487484 2014 SF_{235} 10 14.8 248.°44 2.°2/17.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.86	+16 40.5	2.561	3.351	12.2	21.7
9 18	1 39.22	+16 46.5	2.464	3.343	9.8	21.5
9 28	1 32.87	+16 40.8	2.391	3.334	6.9	21.3
10 8	1 25.28	+16 23.9	2.344	3.325	3.8	21.1
10 18	1 17.10	+15 57.7	2.325	3.316	2.2	21.0
10 28	1 9.13	+15 25.7	2.336	3.307	4.4	21.1
11 7	1 2.12	+14 52.1	2.377	3.297	7.5	21.3
11 17	0 56.67	+14 21.3	2.443	3.287	10.4	21.5

320252 2007 ML_{16} 10 14.8 159.°74 2.°7/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.24	+ 2 8.9	2.768	3.606	10.2	21.6
9 18	1 36.13	+ 0 58.4	2.696	3.611	7.6	21.5
9 28	1 30.67	− 0 17.1	2.650	3.616	5.0	21.3
10 8	1 24.30	− 1 32.9	2.633	3.620	2.9	21.2
10 18	1 17.59	− 2 43.9	2.645	3.624	3.5	21.2
10 28	1 11.17	− 3 45.3	2.688	3.627	6.0	21.4
11 7	1 5.60	− 4 33.6	2.759	3.630	8.5	21.6
11 17	1 1.33	− 5 6.6	2.854	3.633	10.9	21.8

233578 2007 QK_5 10 14.8 14.°75 2.°9/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.19	+23 25.4	4.106	4.846	8.8	19.6
9 18	1 35.06	+23 43.8	4.011	4.848	7.2	19.5
9 28	1 29.88	+23 52.7	3.941	4.849	5.5	19.4
10 8	1 23.98	+23 52.1	3.897	4.851	3.9	19.2
10 18	1 17.74	+23 42.7	3.881	4.852	2.9	19.2
10 28	1 11.65	+23 25.9	3.896	4.854	3.5	19.2
11 7	1 6.13	+23 4.4	3.941	4.856	5.0	19.3
11 17	1 1.58	+22 40.8	4.013	4.858	6.7	19.5

315109 2007 EQ_{36} 10 14.8 147.°79 1.°6/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.67	+ 3 21.4	2.851	3.676	10.2	21.5
9 18	1 39.41	+ 3 0.4	2.778	3.685	7.7	21.3
9 28	1 32.75	+ 2 35.6	2.730	3.694	5.0	21.1
10 8	1 25.15	+ 2 9.8	2.710	3.702	2.3	21.0
10 18	1 17.20	+ 1 46.0	2.721	3.709	2.3	21.0
10 28	1 9.57	+ 1 27.6	2.763	3.717	5.0	21.2
11 7	1 2.85	+ 1 17.0	2.833	3.724	7.7	21.4
11 17	0 57.49	+ 1 16.0	2.930	3.730	10.1	21.5

234071 1999 RG_{141} 10 14.8 8.°04 0.°8/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.75	+12 19.7	1.237	2.095	18.9	19.0
9 18	1 38.18	+12 6.0	1.175	2.096	14.7	18.8
9 28	1 32.78	+11 33.7	1.131	2.098	9.7	18.5
10 8	1 25.35	+10 46.4	1.109	2.102	4.3	18.2
10 18	1 17.09	+ 9 50.6	1.112	2.107	1.7	18.1
10 28	1 9.45	+ 8 55.2	1.139	2.113	7.2	18.4
11 7	1 3.66	+ 8 9.1	1.189	2.120	12.2	18.7
11 17	1 0.55	+ 7 38.6	1.260	2.129	16.6	19.0

99044 2001 EA_8 10 14.8 193.°45 1.°5/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.04	+ 6 33.5	2.039	2.874	13.4	20.5
9 18	1 40.35	+ 5 58.8	1.961	2.873	10.2	20.3
9 28	1 33.68	+ 5 15.1	1.905	2.871	6.5	20.1
10 8	1 25.63	+ 4 26.6	1.876	2.870	2.7	19.8
10 18	1 16.99	+ 3 38.2	1.876	2.867	2.4	19.8
10 28	1 8.72	+ 2 55.7	1.905	2.865	6.2	20.1
11 7	1 1.69	+ 2 23.7	1.960	2.862	9.9	20.3
11 17	0 56.52	+ 2 5.6	2.040	2.859	13.1	20.5

271020 2003 AT_{20} 10 14.8 241.°36 5.°3/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.50	− 3 27.1	1.843	2.693	14.0	20.8
9 18	1 42.52	− 4 24.6	1.763	2.680	10.8	20.6
9 28	1 35.25	− 5 24.6	1.705	2.667	7.6	20.3
10 8	1 26.33	− 6 20.3	1.674	2.653	5.4	20.2
10 18	1 16.65	− 7 4.5	1.670	2.639	6.4	20.2
10 28	1 7.31	− 7 31.0	1.694	2.624	9.5	20.4
11 7	0 59.34	− 7 36.4	1.742	2.609	13.0	20.5
11 17	0 53.49	− 7 20.1	1.812	2.593	16.1	20.7

396713 2002 VK_{98} 10 14.8 240.°58 10.°0/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.37	+35 23.7	1.262	2.010	24.4	20.8
9 18	1 43.34	+35 23.2	1.175	2.002	21.4	20.5
9 28	1 36.64	+34 39.5	1.103	1.994	17.8	20.2
10 8	1 27.12	+33 5.8	1.048	1.985	13.8	20.0
10 18	1 16.25	+30 41.1	1.014	1.976	10.6	19.8
10 28	1 6.00	+27 35.1	1.005	1.966	10.3	19.7
11 7	0 58.13	+24 7.9	1.021	1.956	13.4	19.9
11 17	0 53.74	+20 42.6	1.060	1.945	17.7	20.1

99103 2001 FO_{50} 10 14.8 133.°78 1.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.99	+14 30.7	2.376	3.175	12.8	21.0
9 18	1 40.73	+14 10.3	2.303	3.190	10.0	20.9
9 28	1 33.74	+13 37.6	2.253	3.204	6.7	20.7
10 8	1 25.60	+12 54.6	2.230	3.218	3.2	20.5
10 18	1 17.04	+12 5.0	2.237	3.231	1.4	20.4
10 28	1 8.89	+11 13.6	2.273	3.243	4.6	20.6
11 7	1 1.89	+10 25.4	2.339	3.255	7.9	20.9
11 17	0 56.57	+ 9 44.8	2.431	3.266	10.8	21.1

431654 2008 BG_{49} 10 14.8 149.°45 1.°2/15.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.41	+14 14.2	2.045	2.848	14.5	22.4
9 18	1 43.64	+13 58.6	1.970	2.859	11.3	22.3
9 28	1 35.77	+13 29.2	1.917	2.870	7.6	22.0
10 8	1 26.47	+12 48.0	1.891	2.880	3.6	21.8
10 18	1 16.62	+11 58.8	1.894	2.889	1.5	21.7
10 28	1 7.25	+11 7.2	1.927	2.897	5.2	22.0
11 7	0 59.26	+10 19.3	1.988	2.904	9.0	22.2
11 17	0 53.29	+ 9 40.0	2.075	2.911	12.3	22.4

206586 2003 WO_{17} 10 14.8 301.°26 6.°6/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.28	+25 32.7	1.792	2.561	17.5	20.6
9 18	1 42.09	+26 15.3	1.701	2.551	14.8	20.4
9 28	1 35.27	+26 37.4	1.628	2.541	11.6	20.2
10 8	1 26.44	+26 36.0	1.577	2.531	8.5	20.0
10 18	1 16.58	+26 10.7	1.552	2.522	6.6	19.9
10 28	1 6.96	+25 25.0	1.553	2.512	7.5	19.9
11 7	0 58.84	+24 26.0	1.579	2.503	10.4	20.0
11 17	0 53.13	+23 22.9	1.630	2.494	13.7	20.2

213448 2002 AA_{155} 10 14.8 180.°80 5.°0/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.98	+ 0 7.0	1.524	2.382	15.9	19.8
9 18	1 42.39	− 1 5.6	1.459	2.383	12.2	19.5
9 28	1 35.24	− 2 24.8	1.416	2.384	8.1	19.3
10 8	1 26.32	− 3 42.1	1.398	2.384	5.2	19.1
10 18	1 16.69	− 4 48.6	1.407	2.383	6.2	19.2
10 28	1 7.62	− 5 36.2	1.442	2.383	9.9	19.4
11 7	1 0.23	− 6 0.3	1.501	2.382	13.8	19.7
11 17	0 55.25	− 5 59.7	1.581	2.380	17.2	19.9

73283 2002 JW_{62} 10 14.8 58.°61 8.°1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.96	−10 11.1	1.551	2.410	15.6	18.7
9 18	1 42.78	−11 14.9	1.513	2.428	12.4	18.6
9 28	1 35.23	−12 11.9	1.496	2.447	9.5	18.4
10 8	1 26.21	−12 53.6	1.504	2.466	8.1	18.4
10 18	1 16.80	−13 13.4	1.538	2.485	9.1	18.5
10 28	1 8.20	−13 7.6	1.596	2.504	11.6	18.7
11 7	1 1.36	−12 36.6	1.677	2.523	14.4	18.9
11 17	0 56.86	−11 43.2	1.778	2.543	17.0	19.2

381134 2007 EW_{72} 10 14.8 321.°53 0.°8/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.54	+ 8 44.5	1.266	2.129	18.3	20.9
9 18	1 39.83	+ 8 28.2	1.182	2.108	14.2	20.6
9 28	1 34.11	+ 7 56.5	1.118	2.089	9.3	20.3
10 8	1 26.05	+ 7 13.4	1.075	2.070	3.8	19.9
10 18	1 16.76	+ 6 25.1	1.057	2.051	2.4	19.7
10 28	1 7.77	+ 5 40.4	1.063	2.034	8.2	20.0
11 7	1 0.55	+ 5 7.8	1.092	2.018	13.7	20.3
11 17	0 56.16	+ 4 53.3	1.141	2.002	18.5	20.5

107673 2001 FV_6 10 14.8 57.°39 0.°6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 55.37	+ 8 37.6	1.209	2.054	20.1	18.6
9 18	1 48.64	+ 8 23.8	1.180	2.095	15.2	18.4
9 28	1 39.01	+ 7 56.8	1.171	2.137	9.6	18.2
10 8	1 27.69	+ 7 21.8	1.185	2.179	3.8	18.0
10 18	1 16.17	+ 6 45.3	1.225	2.220	2.2	18.0
10 28	1 5.97	+ 6 14.6	1.292	2.261	7.5	18.5
11 7	0 58.17	+ 5 55.4	1.384	2.301	12.1	18.8
11 17	0 53.34	+ 5 50.5	1.497	2.341	15.8	19.2

127581 2003 AW_{59} 10 14.8 225.°40 0.°6/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.22	+ 8 57.9	1.957	2.783	14.2	20.7
9 18	1 42.24	+ 8 32.4	1.867	2.774	10.9	20.5
9 28	1 35.06	+ 7 55.7	1.800	2.764	7.1	20.2
10 8	1 26.27	+ 7 11.1	1.760	2.753	2.9	19.9
10 18	1 16.72	+ 6 23.2	1.748	2.742	1.8	19.8
10 28	1 7.48	+ 5 37.9	1.765	2.730	6.1	20.1
11 7	0 59.53	+ 5 0.9	1.809	2.718	10.2	20.3
11 17	0 53.61	+ 4 36.5	1.878	2.705	13.8	20.5

24524 Kevinhawkins 10 14.8 328.°88 3.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.42	+ 2 42.4	1.172	2.047	18.5	17.8
9 18	1 41.32	+ 2 10.6	1.101	2.035	14.3	17.5
9 28	1 35.06	+ 1 29.4	1.049	2.022	9.3	17.2
10 8	1 26.42	+ 0 45.8	1.019	2.011	4.6	16.9
10 18	1 16.64	+ 0 8.2	1.012	2.000	5.1	16.9
10 28	1 7.35	− 0 14.6	1.029	1.991	10.0	17.1
11 7	1 0.04	− 0 16.7	1.068	1.982	15.2	17.4
11 17	0 55.70	+ 0 4.0	1.127	1.974	19.7	17.6

362321 2010 BC_{125} 10 14.8 336.°42 2.°8/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.29	− 2 54.3	4.039	4.883	7.1	19.9
9 18	1 31.31	− 3 58.8	3.965	4.880	5.4	19.8
9 28	1 27.44	− 5 4.4	3.917	4.877	3.8	19.7
10 8	1 22.99	− 6 8.0	3.899	4.875	2.8	19.6
10 18	1 18.31	− 7 6.3	3.911	4.872	3.4	19.6
10 28	1 13.77	− 7 56.1	3.952	4.869	5.0	19.7
11 7	1 9.75	− 8 35.5	4.022	4.867	6.7	19.9
11 17	1 6.54	− 9 3.0	4.116	4.865	8.3	20.0

491133 2011 SL_{140} 10 14.8 7.°43 1.°1/13.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.85	+ 9 20.7	1.535	2.387	16.2	21.3
9 18	1 37.73	+ 8 35.3	1.467	2.387	12.4	21.1
9 28	1 32.25	+ 7 35.3	1.419	2.389	7.9	20.8
10 8	1 25.11	+ 6 25.9	1.396	2.391	3.1	20.5
10 18	1 17.30	+ 5 14.5	1.400	2.393	2.4	20.5
10 28	1 9.99	+ 4 9.4	1.429	2.396	7.1	20.8
11 7	1 4.19	+ 3 18.1	1.484	2.400	11.5	21.1
11 17	1 0.62	+ 2 45.0	1.561	2.404	15.3	21.3

356642 2011 UL_{48} 10 14.8 342.°12 0.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.15	+ 8 56.2	1.702	2.542	15.3	21.1
9 18	1 40.12	+ 8 43.9	1.624	2.538	11.8	20.9
9 28	1 33.77	+ 8 20.4	1.568	2.534	7.7	20.6
10 8	1 25.75	+ 7 48.9	1.537	2.530	3.1	20.4
10 18	1 16.99	+ 7 13.8	1.533	2.527	1.7	20.3
10 28	1 8.63	+ 6 41.2	1.556	2.524	6.4	20.6
11 7	1 1.70	+ 6 16.6	1.604	2.522	10.7	20.8
11 17	0 56.96	+ 6 4.2	1.676	2.520	14.4	21.0

307531 2003 BK_{37} 10 14.8 151.°05 2.°6/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.38	+ 2 33.7	2.490	3.328	11.2	21.3
9 18	1 37.90	+ 1 36.2	2.420	3.335	8.4	21.1
9 28	1 31.89	+ 0 33.4	2.375	3.341	5.4	20.9
10 8	1 24.86	− 0 29.9	2.359	3.348	2.9	20.8
10 18	1 17.44	− 1 28.8	2.372	3.353	3.4	20.8
10 28	1 10.36	− 2 18.2	2.414	3.359	6.2	21.0
11 7	1 4.28	− 2 54.6	2.484	3.364	9.0	21.2
11 17	0 59.67	− 3 16.0	2.578	3.369	11.6	21.4

206396 2003 SM_{37} 10 14.8 325.°02 8.°2/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.69	+27 13.4	1.551	2.327	19.5	19.8
9 18	1 41.36	+28 11.0	1.461	2.313	16.7	19.5
9 28	1 35.08	+28 45.4	1.389	2.299	13.5	19.3
10 8	1 26.47	+28 52.2	1.337	2.286	10.3	19.1
10 18	1 16.59	+28 29.4	1.309	2.273	8.3	18.9
10 28	1 6.95	+27 40.1	1.305	2.262	8.9	19.0
11 7	0 58.99	+26 32.9	1.325	2.251	11.7	19.1
11 17	0 53.80	+25 18.5	1.367	2.240	15.2	19.3

100618 1997 TJ_{11} 10 14.8 49.°63 3.°3/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.46	+16 41.5	1.574	2.387	17.7	18.4
9 18	1 44.16	+17 11.2	1.519	2.409	14.0	18.2
9 28	1 36.31	+17 23.9	1.485	2.432	9.9	18.0
10 8	1 26.73	+17 19.7	1.474	2.455	5.6	17.8
10 18	1 16.58	+17 1.3	1.489	2.479	3.3	17.8
10 28	1 7.14	+16 33.8	1.532	2.503	6.1	18.0
11 7	0 59.51	+16 4.0	1.600	2.527	10.0	18.3
11 17	0 54.38	+15 38.2	1.693	2.551	13.5	18.6

518064 2015 XN_{342} 10 14.8 359.°59 6.°2/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.76	− 8 19.2	2.062	2.916	12.5	20.9
9 18	1 38.53	− 9 14.8	2.000	2.915	9.8	20.8
9 28	1 32.45	−10 7.6	1.962	2.915	7.4	20.6
10 8	1 25.13	−10 51.2	1.949	2.915	6.2	20.6
10 18	1 17.32	−11 19.9	1.964	2.915	7.1	20.6
10 28	1 9.93	−11 29.6	2.005	2.915	9.4	20.8
11 7	1 3.75	−11 18.7	2.070	2.916	12.1	20.9
11 17	0 59.33	−10 47.9	2.157	2.917	14.5	21.1

385702 2005 UO_9 10 14.8 338.°49 2.°0/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.45	+ 7 48.1	1.188	2.062	18.5	20.8
9 18	1 37.43	+ 7 3.5	1.116	2.049	14.2	20.5
9 28	1 32.49	+ 6 1.8	1.062	2.037	9.2	20.2
10 8	1 25.35	+ 4 49.3	1.031	2.026	3.8	19.9
10 18	1 17.18	+ 3 35.3	1.023	2.016	3.5	19.8
10 28	1 9.46	+ 2 30.6	1.039	2.007	8.9	20.1
11 7	1 3.57	+ 1 44.7	1.078	1.999	14.2	20.4
11 17	1 0.44	+ 1 22.8	1.136	1.993	18.8	20.6

176126 2001 EA_5 10 14.8 159.°07 0.°1/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.18	+10 20.6	1.830	2.653	15.2	20.9
9 18	1 43.72	+ 9 59.8	1.756	2.659	11.7	20.7
9 28	1 35.96	+ 9 26.7	1.704	2.665	7.6	20.4
10 8	1 26.61	+ 8 44.5	1.678	2.670	3.1	20.2
10 18	1 16.62	+ 7 57.9	1.680	2.675	1.5	20.1
10 28	1 7.12	+ 7 13.0	1.711	2.678	6.1	20.4
11 7	0 59.11	+ 6 35.8	1.769	2.682	10.2	20.6
11 17	0 53.28	+ 6 10.5	1.852	2.684	13.7	20.9

231572 2008 UN_9 10 14.8 312.°49 0.°1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.06	+ 8 58.1	4.244	5.058	7.4	20.6
9 18	1 32.60	+ 8 42.1	4.157	5.056	5.6	20.5
9 28	1 28.26	+ 8 21.3	4.095	5.055	3.6	20.3
10 8	1 23.34	+ 7 57.3	4.061	5.054	1.5	20.2
10 18	1 18.17	+ 7 31.9	4.058	5.052	0.8	20.1
10 28	1 13.14	+ 7 7.4	4.085	5.051	3.0	20.3
11 7	1 8.62	+ 6 45.9	4.143	5.050	5.0	20.4
11 17	1 4.92	+ 6 29.2	4.227	5.049	6.8	20.6

437960 2002 UQ_{59} 10 14.8 79.°06 5.°2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.76	− 4 3.1	1.829	2.681	13.9	21.0
9 18	1 41.56	− 4 58.7	1.784	2.702	10.7	20.9
9 28	1 34.35	− 5 54.0	1.762	2.723	7.4	20.7
10 8	1 25.86	− 6 42.1	1.765	2.743	5.3	20.7
10 18	1 17.02	− 7 17.2	1.796	2.764	6.1	20.8
10 28	1 8.82	− 7 34.7	1.855	2.784	8.9	21.0
11 7	1 2.09	− 7 32.8	1.938	2.804	11.9	21.2
11 17	0 57.39	− 7 12.0	2.044	2.824	14.5	21.4

484848 2009 HG_{83} 10 14.8 288.°56 5.°3/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.99	− 2 11.2	1.847	2.706	13.5	21.1
9 18	1 38.35	− 3 29.2	1.765	2.688	10.4	20.8
9 28	1 32.58	− 4 52.5	1.706	2.671	7.3	20.6
10 8	1 25.28	− 6 13.4	1.673	2.653	5.3	20.5
10 18	1 17.24	− 7 23.9	1.667	2.635	6.5	20.5
10 28	1 9.49	− 8 16.4	1.688	2.617	9.6	20.7
11 7	1 2.97	− 8 46.2	1.733	2.599	13.0	20.8
11 17	0 58.41	− 8 51.9	1.800	2.582	16.1	21.0

165874 2001 SP_{128} 10 14.8 306.°45 1.°7/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.01	+15 16.7	1.881	2.698	15.0	20.1
9 18	1 39.15	+15 5.6	1.794	2.690	11.9	19.8
9 28	1 33.11	+14 38.7	1.729	2.683	8.2	19.6
10 8	1 25.50	+13 57.8	1.688	2.676	4.1	19.3
10 18	1 17.15	+13 6.5	1.675	2.669	1.9	19.2
10 28	1 9.12	+12 10.8	1.689	2.662	5.5	19.4
11 7	1 2.39	+11 17.6	1.730	2.655	9.5	19.6
11 17	0 57.68	+10 32.8	1.796	2.649	13.2	19.9

7760 1990 RW_3 10 14.8 30.°30 0.°6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.14	+ 8 58.7	1.131	1.996	19.8	16.3
9 18	1 41.59	+ 8 45.4	1.082	2.009	15.2	16.0
9 28	1 34.97	+ 8 17.1	1.051	2.022	9.8	15.8
10 8	1 26.26	+ 7 38.7	1.043	2.037	3.9	15.5
10 18	1 16.84	+ 6 57.1	1.058	2.052	2.2	15.4
10 28	1 8.29	+ 6 20.8	1.097	2.069	7.9	15.8
11 7	1 1.88	+ 5 57.0	1.160	2.086	13.0	16.2
11 17	0 58.36	+ 5 49.8	1.243	2.105	17.2	16.5

15500 Anantpatel 10 14.8 249.°15 0.°3/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.37	+10 35.8	1.817	2.643	15.1	19.0
9 18	1 42.59	+10 25.6	1.727	2.632	11.8	18.8
9 28	1 35.42	+10 3.2	1.659	2.620	7.8	18.5
10 8	1 26.48	+ 9 30.8	1.616	2.608	3.3	18.2
10 18	1 16.68	+ 8 52.5	1.600	2.595	1.5	18.1
10 28	1 7.17	+ 8 14.0	1.614	2.583	6.1	18.4
11 7	0 59.04	+ 7 41.4	1.654	2.570	10.5	18.6
11 17	0 53.10	+ 7 19.5	1.717	2.557	14.3	18.8

337270 2000 UE_{45} 10 14.8 0.°54 0.°3/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.08	+12 48.6	1.002	1.882	20.6	19.5
9 18	1 33.62	+12 15.4	0.943	1.877	16.0	19.2
9 28	1 30.12	+11 17.5	0.901	1.874	10.6	18.9
10 8	1 24.40	+10 0.5	0.879	1.874	4.5	18.6
10 18	1 17.72	+ 8 34.2	0.880	1.875	1.9	18.4
10 28	1 11.66	+ 7 11.5	0.903	1.879	8.1	18.8
11 7	1 7.59	+ 6 4.4	0.947	1.885	13.7	19.1
11 17	1 6.36	+ 5 20.6	1.010	1.893	18.5	19.5

31921 2000 GD_{71} 10 14.8 39.°19 0.°1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.79	+12 35.5	1.204	2.060	19.4	17.2
9 18	1 39.59	+11 47.8	1.156	2.077	14.9	16.9
9 28	1 33.57	+10 39.8	1.127	2.095	9.7	16.7
10 8	1 25.67	+ 9 17.8	1.120	2.114	4.0	16.4
10 18	1 17.19	+ 7 51.1	1.138	2.133	1.9	16.4
10 28	1 9.53	+ 6 30.8	1.181	2.153	7.4	16.8
11 7	1 3.85	+ 5 26.2	1.248	2.174	12.3	17.1
11 17	1 0.83	+ 4 42.6	1.337	2.195	16.5	17.4

42886 1999 RL_{150} 10 14.8 56.°52 2.°3/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.73	+14 40.4	1.222	2.060	20.3	18.6
9 18	1 44.95	+14 48.5	1.172	2.080	15.9	18.4
9 28	1 37.08	+14 36.7	1.141	2.100	10.8	18.2
10 8	1 27.14	+14 7.2	1.131	2.120	5.4	17.9
10 18	1 16.51	+13 24.9	1.147	2.141	2.5	17.8
10 28	1 6.81	+12 37.9	1.187	2.161	7.0	18.2
11 7	0 59.33	+11 55.3	1.252	2.182	11.9	18.5
11 17	0 54.82	+11 23.8	1.339	2.204	16.1	18.8

288661 2004 PX_{57} 10 14.8 59.°51 1.°7/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.87	+ 7 7.4	1.877	2.719	14.1	20.7
9 18	1 38.64	+ 6 14.5	1.825	2.741	10.6	20.6
9 28	1 32.51	+ 5 12.2	1.795	2.763	6.7	20.4
10 8	1 25.16	+ 4 5.8	1.792	2.785	2.8	20.2
10 18	1 17.44	+ 3 1.6	1.817	2.808	2.6	20.2
10 28	1 10.27	+ 2 5.8	1.870	2.830	6.4	20.5
11 7	1 4.45	+ 1 23.5	1.950	2.853	9.9	20.8
11 17	1 0.51	+ 0 57.4	2.053	2.875	13.0	21.0

190940 2001 VF_{36} 10 14.8 224.°54 2.°6/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.62	+18 9.1	1.882	2.683	15.6	20.2
9 18	1 41.20	+17 57.9	1.793	2.677	12.5	20.0
9 28	1 34.49	+17 28.5	1.725	2.671	8.9	19.7
10 8	1 26.10	+16 41.9	1.682	2.664	4.9	19.5
10 18	1 16.94	+15 41.4	1.666	2.657	2.7	19.3
10 28	1 8.12	+14 33.3	1.678	2.650	5.6	19.5
11 7	1 0.67	+13 25.4	1.718	2.643	9.6	19.7
11 17	0 55.34	+12 24.8	1.782	2.635	13.3	19.9

216013 2005 UL_{95} 10 14.8 8.°16 1.°8/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.89	+ 5 57.5	1.756	2.606	14.5	19.9
9 18	1 38.24	+ 5 21.6	1.686	2.607	11.0	19.7
9 28	1 32.47	+ 4 36.2	1.639	2.608	7.1	19.5
10 8	1 25.23	+ 3 46.4	1.617	2.610	3.0	19.2
10 18	1 17.39	+ 2 57.9	1.621	2.612	2.9	19.2
10 28	1 9.98	+ 2 17.0	1.654	2.615	6.9	19.5
11 7	1 3.93	+ 1 49.0	1.711	2.619	10.8	19.7
11 17	0 59.88	+ 1 36.7	1.792	2.623	14.2	20.0

86097 1999 RC_{104} 10 14.8 226.°33 3.°9/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.02	+23 5.7	2.329	3.096	14.0	19.0
9 18	1 38.82	+23 4.6	2.237	3.093	11.5	18.8
9 28	1 32.75	+22 46.0	2.166	3.090	8.6	18.6
10 8	1 25.34	+22 10.0	2.120	3.086	5.7	18.4
10 18	1 17.32	+21 18.5	2.102	3.083	3.9	18.3
10 28	1 9.60	+20 16.0	2.112	3.079	5.1	18.4
11 7	1 2.98	+19 8.6	2.150	3.075	8.0	18.6
11 17	0 58.11	+18 2.8	2.215	3.071	10.9	18.7

392794 2012 TH_{186} 10 14.8 237.°11 6.°9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 52.89	−10 41.7	1.903	2.741	14.1	20.8
9 18	1 46.48	−11 9.7	1.831	2.735	11.3	20.6
9 28	1 37.74	−11 31.7	1.783	2.730	8.5	20.4
10 8	1 27.38	−11 41.3	1.761	2.724	7.0	20.3
10 18	1 16.39	−11 33.1	1.766	2.718	7.7	20.4
10 28	1 5.90	−11 4.1	1.799	2.711	10.2	20.5
11 7	0 56.94	−10 14.2	1.857	2.705	13.1	20.7
11 17	0 50.20	− 9 5.7	1.938	2.698	15.9	20.9

286635 2002 EX_{37} 10 14.8 67.°77 2.°7/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.47	+ 3 0.7	2.064	2.909	12.8	20.6
9 18	1 38.27	+ 2 11.8	2.002	2.921	9.7	20.5
9 28	1 32.26	+ 1 17.2	1.965	2.932	6.2	20.3
10 8	1 25.08	+ 0 21.8	1.954	2.944	3.2	20.1
10 18	1 17.48	− 0 28.7	1.971	2.956	3.6	20.2
10 28	1 10.32	− 1 9.0	2.016	2.967	6.7	20.4
11 7	1 4.36	− 1 35.4	2.088	2.979	10.0	20.6
11 17	1 0.13	− 1 45.9	2.184	2.991	12.8	20.8

487024 2014 OZ_{18} 10 14.8 31.°27 3.°4/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.10	+20 11.8	2.013	2.805	15.1	21.6
9 18	1 39.07	+20 15.2	1.934	2.809	12.2	21.4
9 28	1 32.98	+20 1.0	1.875	2.813	8.9	21.2
10 8	1 25.44	+19 30.0	1.841	2.817	5.5	21.0
10 18	1 17.30	+18 44.7	1.834	2.821	3.4	20.9
10 28	1 9.52	+17 50.0	1.855	2.826	5.3	21.0
11 7	1 3.03	+16 52.8	1.904	2.831	8.6	21.2
11 17	0 58.48	+15 59.4	1.977	2.836	11.9	21.5

355286 2007 RN_{99} 10 14.8 176.°49 1.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.63	+ 4 55.2	4.511	5.337	6.7	21.3
9 18	1 31.49	+ 4 22.6	4.429	5.338	5.1	21.2
9 28	1 27.55	+ 3 46.6	4.373	5.338	3.2	21.1
10 8	1 23.09	+ 3 9.2	4.346	5.338	1.4	20.9
10 18	1 18.41	+ 2 32.6	4.349	5.338	1.5	20.9
10 28	1 13.88	+ 1 59.1	4.383	5.338	3.3	21.1
11 7	1 9.80	+ 1 30.8	4.447	5.338	5.1	21.2
11 17	1 6.48	+ 1 9.1	4.537	5.338	6.7	21.3

227875 2007 EH_{16} 10 14.8 172.°39 0.°3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.93	+11 52.3	1.946	2.765	14.5	21.4
9 18	1 41.94	+11 27.0	1.867	2.768	11.3	21.2
9 28	1 34.82	+10 48.4	1.811	2.770	7.4	20.9
10 8	1 26.20	+ 9 59.5	1.780	2.772	3.2	20.7
10 18	1 16.95	+ 9 5.0	1.778	2.773	1.3	20.5
10 28	1 8.12	+ 8 10.9	1.805	2.774	5.6	20.9
11 7	1 0.64	+ 7 23.4	1.860	2.774	9.6	21.1
11 17	0 55.18	+ 6 47.3	1.939	2.774	13.1	21.3

325415 2009 KM_{18} 10 14.8 111.°37 2.°0/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.31	+ 6 9.7	1.523	2.368	16.6	21.1
9 18	1 44.08	+ 5 31.3	1.464	2.381	12.6	20.9
9 28	1 36.30	+ 4 42.4	1.427	2.394	8.1	20.6
10 8	1 26.80	+ 3 48.7	1.414	2.407	3.4	20.4
10 18	1 16.71	+ 2 57.0	1.428	2.419	3.1	20.4
10 28	1 7.30	+ 2 14.4	1.470	2.431	7.6	20.7
11 7	0 59.67	+ 1 46.6	1.537	2.443	11.9	21.0
11 17	0 54.51	+ 1 36.3	1.626	2.454	15.6	21.3

488515 2001 FE_{90} 10 14.8 78.°78 7.°0/10.8 17 CA

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	2 6.25	− 3 19.2	1.191	2.034	20.4	23.5
9 18	1 56.40	− 4 53.5	1.178	2.091	15.4	23.4
9 28	1 43.66	− 6 24.6	1.187	2.146	10.4	23.3
10 8	1 29.51	− 7 40.8	1.221	2.199	7.2	23.3
10 18	1 15.61	− 8 33.1	1.282	2.249	8.1	23.5
10 28	1 3.52	− 8 56.8	1.370	2.298	11.5	23.8
11 7	0 54.25	− 8 52.8	1.483	2.345	15.1	24.1
11 17	0 48.23	− 8 24.8	1.615	2.389	18.0	24.5

135486 2001 XP_2 10 14.8 355.°39 20.°5/27.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 52.41	+39 51.9	1.007	1.750	29.7	18.5
9 18	1 49.96	+43 5.6	0.948	1.746	27.5	18.3
9 28	1 42.39	+45 46.1	0.901	1.743	25.1	18.1
10 8	1 30.13	+47 37.6	0.868	1.741	22.8	18.0
10 18	1 14.91	+48 25.7	0.849	1.740	21.1	17.9
10 28	0 59.88	+48 6.0	0.846	1.740	20.5	17.9
11 7	0 48.29	+46 48.3	0.859	1.742	21.2	17.9
11 17	0 42.15	+44 52.1	0.887	1.744	22.9	18.0

139009 2001 DH_{42} 10 14.8 316.°03 0.°7/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 34.89	+ 6 35.2	4.395	5.217	7.0	19.6
9 18	1 31.71	+ 6 7.3	4.311	5.217	5.3	19.5
9 28	1 27.72	+ 5 35.4	4.252	5.216	3.3	19.4
10 8	1 23.17	+ 5 1.4	4.222	5.215	1.4	19.2
10 18	1 18.41	+ 4 27.3	4.223	5.214	1.2	19.2
10 28	1 13.78	+ 3 55.5	4.254	5.214	3.1	19.3
11 7	1 9.63	+ 3 28.2	4.315	5.213	5.1	19.5
11 17	1 6.24	+ 3 7.0	4.402	5.213	6.8	19.6

343866 2011 HN_{64} 10 14.8 81.°78 4.°6/11.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.47	− 0 37.2	1.635	2.489	15.2	21.3
9 18	1 42.36	− 1 37.3	1.589	2.510	11.5	21.1
9 28	1 35.00	− 2 40.5	1.565	2.531	7.7	20.9
10 8	1 26.21	− 3 39.5	1.567	2.552	4.8	20.8
10 18	1 17.02	− 4 27.3	1.595	2.572	5.6	20.9
10 28	1 8.55	− 4 58.0	1.651	2.592	8.8	21.2
11 7	1 1.70	− 5 8.8	1.732	2.612	12.3	21.4
11 17	0 57.08	− 4 59.4	1.835	2.632	15.3	21.7

412798 2014 PF_{23} 10 14.8 9.°33 5.°9/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.69	− 3 26.5	1.778	2.646	13.5	20.6
9 18	1 35.73	− 4 59.0	1.720	2.648	10.4	20.5
9 28	1 30.80	− 6 33.9	1.686	2.650	7.4	20.3
10 8	1 24.54	− 8 2.7	1.678	2.654	5.9	20.2
10 18	1 17.78	− 9 17.2	1.696	2.657	7.1	20.3
10 28	1 11.44	−10 10.4	1.741	2.662	9.9	20.5
11 7	1 6.38	−10 39.0	1.808	2.667	12.9	20.7
11 17	1 3.18	−10 42.7	1.897	2.673	15.6	20.9

49110 Květafialová 10 14.8 15.°14 0.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.62	+11 36.8	1.742	2.573	15.5	19.2
9 18	1 40.44	+11 22.1	1.666	2.573	12.0	19.0
9 28	1 33.98	+10 53.9	1.613	2.574	7.9	18.8
10 8	1 25.90	+10 15.0	1.584	2.575	3.4	18.5
10 18	1 17.14	+ 9 29.9	1.582	2.577	1.4	18.3
10 28	1 8.80	+ 8 44.8	1.607	2.578	6.0	18.7
11 7	1 1.91	+ 8 6.1	1.659	2.580	10.2	18.9
11 17	0 57.16	+ 7 38.6	1.735	2.581	13.9	19.1

404591 2013 MM_1 10 14.8 131.°96 4.°7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.20	− 5 10.2	2.458	3.305	11.0	21.0
9 18	1 37.81	− 6 13.4	2.397	3.312	8.5	20.9
9 28	1 31.88	− 7 16.4	2.362	3.319	6.1	20.7
10 8	1 24.93	− 8 13.7	2.354	3.326	4.7	20.7
10 18	1 17.61	− 9 0.2	2.374	3.332	5.6	20.7
10 28	1 10.66	− 9 31.7	2.423	3.338	7.8	20.9
11 7	1 4.70	− 9 46.1	2.497	3.345	10.2	21.1
11 17	1 0.24	− 9 42.8	2.594	3.350	12.4	21.2

446146 2013 EV_{94} 10 14.8 9.°95 0.°1/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.98	+10 4.2	1.854	2.687	14.6	21.2
9 18	1 39.80	+ 9 49.3	1.779	2.687	11.2	21.0
9 28	1 33.49	+ 9 22.8	1.725	2.688	7.3	20.8
10 8	1 25.68	+ 8 47.9	1.697	2.689	3.0	20.5
10 18	1 17.25	+ 8 8.8	1.696	2.691	1.4	20.4
10 28	1 9.21	+ 7 31.2	1.723	2.692	5.8	20.7
11 7	1 2.50	+ 7 0.4	1.777	2.694	9.8	20.9
11 17	0 57.80	+ 6 40.7	1.854	2.696	13.3	21.2

60820 2000 HZ_{39} 10 14.8 143.°90 1.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.49	+ 9 3.8	1.468	2.310	17.3	20.3
9 18	1 43.68	+ 8 21.3	1.402	2.317	13.2	20.0
9 28	1 36.19	+ 7 24.0	1.356	2.323	8.5	19.8
10 8	1 26.82	+ 6 17.4	1.335	2.329	3.4	19.5
10 18	1 16.73	+ 5 8.7	1.341	2.334	2.5	19.4
10 28	1 7.25	+ 4 6.8	1.373	2.339	7.5	19.8
11 7	0 59.57	+ 3 19.1	1.431	2.343	12.2	20.1
11 17	0 54.45	+ 2 50.1	1.512	2.347	16.1	20.3

490536 2009 VJ_{30} 10 14.8 330.°75 0.°4/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.57	+ 7 44.4	2.183	3.011	12.8	21.1
9 18	1 39.97	+ 7 41.2	2.100	3.007	9.9	20.9
9 28	1 33.48	+ 7 30.4	2.040	3.003	6.4	20.7
10 8	1 25.66	+ 7 14.4	2.007	3.000	2.6	20.5
10 18	1 17.26	+ 6 56.4	2.002	2.996	1.5	20.4
10 28	1 9.16	+ 6 40.4	2.026	2.993	5.3	20.7
11 7	1 2.18	+ 6 30.0	2.078	2.990	8.9	20.9
11 17	0 56.95	+ 6 28.3	2.154	2.987	12.1	21.1

515881 2015 PL_{26} 10 14.8 4.°35 4.°2/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.30	+16 36.3	1.319	2.154	19.3	20.1
9 18	1 41.02	+17 23.0	1.251	2.153	15.5	19.9
9 28	1 34.78	+17 51.8	1.202	2.154	11.1	19.7
10 8	1 26.36	+18 1.8	1.174	2.156	6.6	19.4
10 18	1 16.94	+17 54.1	1.170	2.160	4.2	19.3
10 28	1 8.03	+17 33.8	1.191	2.165	7.1	19.5
11 7	1 1.00	+17 8.4	1.236	2.171	11.5	19.7
11 17	0 56.77	+16 45.7	1.302	2.178	15.6	20.0

31232 Slavonice 10 14.8 189.°15 6.°2/ 8.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.73	− 7 46.2	2.056	2.909	12.6	19.2
9 18	1 39.32	− 8 54.4	1.994	2.908	9.9	19.1
9 28	1 33.03	−10 0.7	1.955	2.908	7.4	18.9
10 8	1 25.46	−10 58.1	1.943	2.908	6.3	18.8
10 18	1 17.41	−11 40.5	1.958	2.908	7.2	18.9
10 28	1 9.76	−12 3.0	2.000	2.907	9.6	19.1
11 7	1 3.33	−12 3.8	2.066	2.907	12.3	19.2
11 17	0 58.70	−11 43.3	2.153	2.906	14.7	19.4

345308 2005 XA_{23} 10 14.8 288.°51 1.°5/12.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.15	+ 4 20.3	3.089	3.920	9.4	21.6
9 18	1 35.35	+ 3 51.9	2.995	3.906	7.1	21.5
9 28	1 30.27	+ 3 18.7	2.925	3.891	4.6	21.3
10 8	1 24.31	+ 2 43.4	2.884	3.876	2.1	21.1
10 18	1 17.93	+ 2 9.3	2.873	3.861	2.1	21.1
10 28	1 11.72	+ 1 39.6	2.891	3.847	4.7	21.2
11 7	1 6.21	+ 1 17.5	2.938	3.832	7.3	21.4
11 17	1 1.86	+ 1 4.9	3.010	3.817	9.7	21.5

480304 2015 HA_{170} 10 14.8 44.°81 2.°6/17.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.23	+20 41.3	1.331	2.151	19.9	20.6
9 18	1 39.65	+19 43.7	1.287	2.181	15.7	20.4
9 28	1 33.45	+18 18.8	1.261	2.212	10.9	20.2
10 8	1 25.62	+16 32.0	1.258	2.243	5.8	20.0
10 18	1 17.39	+14 32.5	1.282	2.275	2.7	19.9
10 28	1 10.06	+12 32.5	1.332	2.307	6.2	20.2
11 7	1 4.63	+10 44.0	1.407	2.339	10.7	20.6
11 17	1 1.68	+ 9 15.1	1.507	2.371	14.6	20.9

36352 2000 NE_{25} 10 14.8 70.°43 1.°7/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.32	+ 6 18.3	1.951	2.791	13.7	19.2
9 18	1 39.11	+ 5 39.1	1.882	2.797	10.4	19.0
9 28	1 32.94	+ 4 51.0	1.836	2.803	6.6	18.8
10 8	1 25.44	+ 3 58.6	1.816	2.809	2.8	18.5
10 18	1 17.43	+ 3 7.2	1.824	2.815	2.6	18.5
10 28	1 9.84	+ 2 22.8	1.860	2.820	6.4	18.8
11 7	1 3.52	+ 1 50.3	1.923	2.826	10.0	19.0
11 17	0 59.06	+ 1 32.4	2.009	2.832	13.2	19.2

177784 2005 LY_9 10 14.8 102.°05 2.°8/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.31	+ 5 5.0	1.625	2.469	15.8	20.7
9 18	1 43.06	+ 4 2.7	1.573	2.491	11.9	20.5
9 28	1 35.50	+ 2 51.2	1.544	2.512	7.6	20.3
10 8	1 26.47	+ 1 37.3	1.540	2.532	3.5	20.1
10 18	1 17.00	+ 0 28.7	1.564	2.552	3.8	20.2
10 28	1 8.23	− 0 27.3	1.616	2.571	7.8	20.4
11 7	1 1.13	− 1 5.5	1.694	2.589	11.6	20.7
11 17	0 56.30	− 1 23.9	1.794	2.608	14.9	21.0

47520 2000 AO_{79} 10 14.8 319.°15 4.°7/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.34	+ 1 54.0	1.364	2.233	16.8	18.5
9 18	1 40.01	+ 0 42.3	1.296	2.226	12.8	18.3
9 28	1 33.98	− 0 39.3	1.248	2.220	8.5	18.0
10 8	1 26.00	− 2 2.1	1.224	2.213	5.0	17.8
10 18	1 17.17	− 3 16.0	1.226	2.207	6.0	17.8
10 28	1 8.83	− 4 11.4	1.252	2.201	10.2	18.1
11 7	1 2.21	− 4 42.1	1.302	2.196	14.5	18.3
11 17	0 58.12	− 4 46.3	1.371	2.191	18.4	18.5

439116 2011 SK_{108} 10 14.8 10.°24 6.°9/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.47	+22 27.0	1.377	2.182	20.1	20.0
9 18	1 42.74	+23 34.3	1.308	2.184	16.7	19.8
9 28	1 35.96	+24 20.0	1.257	2.188	12.9	19.6
10 8	1 26.88	+24 40.8	1.228	2.192	9.1	19.4
10 18	1 16.74	+24 35.7	1.222	2.198	6.9	19.3
10 28	1 7.10	+24 9.0	1.240	2.205	8.2	19.4
11 7	0 59.40	+23 29.0	1.282	2.213	11.6	19.6
11 17	0 54.60	+22 45.3	1.347	2.222	15.3	19.8

237588 2001 FO_{39} 10 14.8 182.°96 1.°0/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.43	+ 9 19.1	2.115	2.943	13.2	20.5
9 18	1 39.11	+ 8 23.7	2.035	2.944	10.1	20.3
9 28	1 32.92	+ 7 16.4	1.979	2.944	6.4	20.1
10 8	1 25.45	+ 6 1.6	1.950	2.943	2.6	19.9
10 18	1 17.44	+ 4 45.1	1.950	2.943	2.0	19.8
10 28	1 9.79	+ 3 33.6	1.979	2.942	5.9	20.1
11 7	1 3.30	+ 2 33.2	2.036	2.940	9.5	20.3
11 17	0 58.58	+ 1 47.9	2.118	2.938	12.7	20.5

198169 2004 TM_{86} 10 14.8 314.°14 0.°2/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.48	+11 4.2	1.589	2.429	16.3	20.9
9 18	1 39.84	+10 30.8	1.511	2.424	12.6	20.7
9 28	1 33.75	+ 9 41.7	1.453	2.419	8.2	20.4
10 8	1 25.88	+ 8 40.8	1.420	2.414	3.4	20.1
10 18	1 17.23	+ 7 34.2	1.414	2.409	1.7	20.0
10 28	1 8.99	+ 6 30.0	1.434	2.404	6.7	20.3
11 7	1 2.26	+ 5 36.1	1.480	2.399	11.3	20.5
11 17	0 57.82	+ 4 57.9	1.549	2.395	15.3	20.8

231866 2000 SF_{319} 10 14.8 42.°04 8.°1/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 51.71	+26 4.8	1.526	2.297	20.0	18.4
9 18	1 46.61	+27 23.8	1.458	2.306	16.9	18.2
9 28	1 38.41	+28 20.4	1.407	2.316	13.4	18.0
10 8	1 27.89	+28 49.9	1.378	2.326	10.2	17.9
10 18	1 16.29	+28 50.4	1.373	2.336	8.2	17.8
10 28	1 5.22	+28 25.1	1.394	2.347	8.9	17.9
11 7	0 56.12	+27 42.1	1.439	2.358	11.6	18.1
11 17	0 49.97	+26 51.5	1.507	2.369	14.7	18.3

483691 2005 QV_{133} 10 14.8 25.°13 0.°4/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.53	+11 27.3	1.846	2.675	14.8	21.2
9 18	1 39.47	+11 12.1	1.772	2.679	11.4	21.0
9 28	1 33.29	+10 44.4	1.721	2.682	7.5	20.8
10 8	1 25.63	+10 6.8	1.694	2.686	3.2	20.5
10 18	1 17.37	+ 9 23.8	1.695	2.690	1.3	20.4
10 28	1 9.53	+ 8 41.0	1.724	2.695	5.6	20.7
11 7	1 3.03	+ 8 4.4	1.780	2.700	9.6	20.9
11 17	0 58.53	+ 7 38.3	1.859	2.705	13.1	21.2

39541 1991 LA 10 14.8 35.°37 1.°0/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.89	+ 8 58.7	0.898	1.778	22.4	19.1
9 18	1 42.68	+ 8 36.5	0.860	1.794	17.1	18.8
9 28	1 35.90	+ 7 56.4	0.838	1.812	11.0	18.6
10 8	1 26.76	+ 7 5.2	0.837	1.831	4.4	18.3
10 18	1 16.91	+ 6 12.2	0.857	1.852	2.7	18.3
10 28	1 8.21	+ 5 28.1	0.900	1.873	8.9	18.7
11 7	1 2.07	+ 5 1.1	0.964	1.895	14.5	19.1
11 17	0 59.23	+ 4 54.8	1.047	1.918	19.1	19.5

262864 2007 BG_{39} 10 14.8 146.°58 0.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.40	+ 8 19.9	2.233	3.061	12.6	21.5
9 18	1 38.98	+ 7 51.8	2.156	3.064	9.6	21.3
9 28	1 32.79	+ 7 14.6	2.102	3.066	6.2	21.1
10 8	1 25.39	+ 6 31.7	2.075	3.069	2.5	20.9
10 18	1 17.49	+ 5 47.3	2.077	3.071	1.7	20.8
10 28	1 9.93	+ 5 6.3	2.108	3.073	5.4	21.1
11 7	1 3.48	+ 4 33.3	2.167	3.075	8.8	21.3
11 17	0 58.70	+ 4 11.5	2.251	3.077	11.8	21.5

69164 3031 P–L 10 14.8 342.°28 6.°6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.35	+26 59.3	1.925	2.686	16.7	18.7
9 18	1 39.70	+27 39.1	1.836	2.679	14.2	18.5
9 28	1 33.68	+27 58.3	1.766	2.672	11.3	18.3
10 8	1 25.89	+27 54.5	1.718	2.666	8.5	18.1
10 18	1 17.24	+27 27.7	1.695	2.660	6.7	18.0
10 28	1 8.84	+26 41.0	1.698	2.655	7.3	18.0
11 7	1 1.81	+25 41.4	1.727	2.650	9.7	18.1
11 17	0 56.96	+24 37.1	1.781	2.646	12.6	18.3

360305 2001 RO_{59} 10 14.8 49.°18 1.°7/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 51.58	+ 6 10.8	0.985	1.855	21.7	20.6
9 18	1 46.70	+ 6 0.9	0.947	1.876	16.5	20.3
9 28	1 38.34	+ 5 38.9	0.927	1.899	10.5	20.1
10 8	1 27.72	+ 5 10.5	0.928	1.922	4.3	19.8
10 18	1 16.51	+ 4 43.3	0.952	1.946	3.2	19.9
10 28	1 6.53	+ 4 25.1	1.001	1.970	8.9	20.3
11 7	0 59.16	+ 4 21.5	1.071	1.994	14.2	20.7
11 17	0 55.11	+ 4 34.9	1.162	2.019	18.5	21.0

450411 2005 TC_{106} 10 14.8 47.°03 3.°1/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.51	+ 2 47.1	1.834	2.687	13.9	20.7
9 18	1 38.56	+ 1 53.0	1.774	2.695	10.5	20.5
9 28	1 32.61	+ 0 52.5	1.736	2.705	6.8	20.3
10 8	1 25.33	− 0 8.7	1.724	2.714	3.6	20.1
10 18	1 17.56	− 1 4.0	1.739	2.723	4.1	20.1
10 28	1 10.27	− 1 47.2	1.782	2.733	7.5	20.4
11 7	1 4.30	− 2 14.2	1.851	2.743	11.0	20.6
11 17	1 0.25	− 2 23.1	1.942	2.753	14.0	20.8

97069 Stek 10 14.8 168.°32 2.°8/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.23	+19 39.3	1.974	2.767	15.3	19.7
9 18	1 39.98	+19 17.8	1.891	2.769	12.2	19.5
9 28	1 33.63	+18 37.3	1.829	2.771	8.7	19.3
10 8	1 25.79	+17 39.2	1.792	2.772	5.0	19.1
10 18	1 17.33	+16 27.2	1.782	2.773	2.8	19.0
10 28	1 9.25	+15 8.1	1.802	2.774	5.3	19.1
11 7	1 2.50	+13 49.5	1.849	2.774	9.0	19.4
11 17	0 57.74	+12 38.6	1.921	2.775	12.4	19.6

369682 2012 AM_2 10 14.8 194.°27 2.°4/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.52	+ 5 51.5	1.627	2.470	15.8	22.0
9 18	1 43.58	+ 5 1.9	1.552	2.468	12.1	21.7
9 28	1 36.12	+ 4 1.1	1.499	2.466	7.8	21.5
10 8	1 26.86	+ 2 54.6	1.471	2.464	3.4	21.2
10 18	1 16.83	+ 1 49.9	1.471	2.460	3.5	21.2
10 28	1 7.28	+ 0 54.8	1.498	2.457	7.8	21.5
11 7	0 59.32	+ 0 15.6	1.551	2.452	12.2	21.7
11 17	0 53.72	− 0 4.2	1.627	2.447	15.9	22.0

395843 2012 XN_{120} 10 14.8 267.°28 0.°4/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.61	+ 9 30.2	1.908	2.738	14.4	21.7
9 18	1 41.22	+ 9 8.6	1.813	2.721	11.1	21.5
9 28	1 34.57	+ 8 35.1	1.740	2.703	7.3	21.2
10 8	1 26.25	+ 7 52.8	1.693	2.686	3.0	20.9
10 18	1 17.09	+ 7 6.1	1.673	2.667	1.6	20.8
10 28	1 8.15	+ 6 21.0	1.682	2.649	6.2	21.0
11 7	1 0.46	+ 5 43.5	1.718	2.631	10.4	21.2
11 17	0 54.80	+ 5 18.3	1.777	2.612	14.1	21.4

298005 2002 OU_{27} 10 14.8 18.°88 4.°2/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.21	+19 39.1	1.433	2.252	18.8	20.3
9 18	1 39.91	+19 53.5	1.366	2.257	15.2	20.1
9 28	1 33.91	+19 45.7	1.318	2.264	11.0	19.9
10 8	1 25.99	+19 16.1	1.292	2.271	6.7	19.6
10 18	1 17.25	+18 27.9	1.291	2.280	4.2	19.5
10 28	1 9.08	+17 28.2	1.315	2.289	6.6	19.7
11 7	1 2.67	+16 26.3	1.364	2.299	10.7	20.0
11 17	0 58.82	+15 30.7	1.436	2.309	14.6	20.2

515579 2014 HK_{173} 10 14.8 243.°64 6.°0/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.90	− 7 32.1	2.112	2.955	12.7	22.2
9 18	1 42.62	− 8 24.4	2.031	2.941	10.0	22.0
9 28	1 35.28	− 9 15.4	1.973	2.926	7.4	21.8
10 8	1 26.48	− 9 58.6	1.942	2.910	6.0	21.7
10 18	1 17.02	−10 28.1	1.939	2.894	6.9	21.8
10 28	1 7.86	−10 39.1	1.964	2.877	9.4	21.9
11 7	0 59.91	−10 29.4	2.014	2.860	12.3	22.0
11 17	0 53.84	− 9 59.3	2.086	2.843	15.0	22.2

477113 2009 BT_{181} 10 14.8 201.°40 0.°8/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.96	+ 6 59.4	2.415	3.233	12.1	22.1
9 18	1 42.39	+ 6 47.7	2.327	3.229	9.3	21.9
9 28	1 35.00	+ 6 29.1	2.263	3.225	6.0	21.7
10 8	1 26.33	+ 6 6.0	2.227	3.219	2.4	21.4
10 18	1 17.10	+ 5 41.7	2.220	3.213	1.7	21.4
10 28	1 8.13	+ 5 20.2	2.244	3.207	5.2	21.6
11 7	1 0.24	+ 5 4.9	2.297	3.200	8.6	21.8
11 17	0 54.02	+ 4 58.8	2.375	3.192	11.6	22.0

483373 2016 SN_{45} 10 14.8 332.°74 3.°1/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.24	+ 6 15.3	1.248	2.122	17.7	20.5
9 18	1 37.21	+ 5 12.8	1.173	2.107	13.6	20.2
9 28	1 32.38	+ 3 53.9	1.118	2.092	8.8	19.9
10 8	1 25.44	+ 2 26.2	1.086	2.079	4.0	19.6
10 18	1 17.50	+ 1 0.0	1.077	2.067	4.5	19.6
10 28	1 9.97	− 0 13.2	1.094	2.056	9.5	19.9
11 7	1 4.17	− 1 4.3	1.132	2.045	14.5	20.1
11 17	1 1.00	− 1 28.5	1.190	2.036	18.9	20.4

225230 2008 UX_4 10 14.8 353.°95 1.°9/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.00	+19 7.0	3.666	4.443	9.1	19.6
9 18	1 32.82	+18 54.9	3.573	4.441	7.3	19.4
9 28	1 28.58	+18 32.9	3.503	4.438	5.2	19.3
10 8	1 23.63	+18 1.9	3.461	4.437	3.1	19.1
10 18	1 18.37	+17 23.9	3.447	4.435	1.9	19.1
10 28	1 13.27	+16 41.5	3.464	4.434	3.1	19.1
11 7	1 8.78	+15 57.8	3.509	4.432	5.2	19.3
11 17	1 5.27	+15 16.2	3.583	4.432	7.3	19.4

205992 2002 OD_{24} 10 14.8 72.°81 8.°0/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.72	+30 4.2	1.833	2.569	18.2	20.1
9 18	1 44.63	+30 59.8	1.761	2.582	15.6	19.9
9 28	1 36.89	+31 32.0	1.708	2.594	12.7	19.8
10 8	1 27.21	+31 37.4	1.676	2.607	10.0	19.6
10 18	1 16.70	+31 15.1	1.669	2.619	8.2	19.6
10 28	1 6.68	+30 28.9	1.687	2.632	8.4	19.6
11 7	0 58.35	+29 26.3	1.732	2.645	10.3	19.8
11 17	0 52.54	+28 16.8	1.801	2.657	12.9	20.0

159324 2006 CW_{11} 10 14.8 154.°94 0.°4/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.17	+ 9 21.3	2.696	3.514	11.0	21.3
9 18	1 37.75	+ 8 51.4	2.617	3.519	8.4	21.1
9 28	1 31.87	+ 8 13.2	2.562	3.523	5.4	20.9
10 8	1 25.00	+ 7 29.6	2.535	3.528	2.2	20.7
10 18	1 17.75	+ 6 44.0	2.538	3.532	1.3	20.6
10 28	1 10.77	+ 6 0.6	2.571	3.536	4.5	20.9
11 7	1 4.71	+ 5 23.3	2.632	3.539	7.5	21.1
11 17	1 0.03	+ 4 55.2	2.720	3.542	10.1	21.3

136030 2002 VV_{104} 10 14.8 297.°63 0.°8/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.57	+ 7 7.2	1.873	2.708	14.4	19.4
9 18	1 41.86	+ 7 1.2	1.790	2.701	11.1	19.2
9 28	1 34.92	+ 6 46.8	1.730	2.695	7.2	19.0
10 8	1 26.37	+ 6 26.9	1.696	2.689	2.9	18.7
10 18	1 17.10	+ 6 5.3	1.689	2.683	1.9	18.6
10 28	1 8.16	+ 5 46.8	1.710	2.677	6.2	18.9
11 7	1 0.55	+ 5 36.0	1.759	2.671	10.3	19.1
11 17	0 55.01	+ 5 35.9	1.831	2.665	13.8	19.3

167337 2003 UY_{289} 10 14.8 120.°28 1.°2/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.74	+13 41.0	1.897	2.714	14.9	21.1
9 18	1 41.14	+13 28.8	1.822	2.719	11.7	20.9
9 28	1 34.38	+13 2.4	1.768	2.724	7.8	20.7
10 8	1 26.12	+12 24.2	1.739	2.729	3.7	20.4
10 18	1 17.24	+11 38.0	1.739	2.733	1.5	20.3
10 28	1 8.79	+10 49.6	1.766	2.738	5.4	20.6
11 7	1 1.70	+10 5.3	1.821	2.742	9.4	20.8
11 17	0 56.65	+ 9 30.1	1.901	2.746	12.9	21.0

361894 2008 FP_{124} 10 14.8 44.°70 1.°5/16.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.29	+17 59.2	1.891	2.702	15.2	20.5
9 18	1 36.92	+17 1.8	1.820	2.713	11.9	20.3
9 28	1 31.59	+15 44.5	1.772	2.724	8.1	20.1
10 8	1 24.94	+14 11.2	1.749	2.736	4.0	19.9
10 18	1 17.81	+12 28.3	1.753	2.748	1.6	19.7
10 28	1 11.16	+10 44.2	1.787	2.760	5.2	20.0
11 7	1 5.80	+ 9 7.6	1.848	2.772	9.1	20.3
11 17	1 2.33	+ 7 45.3	1.935	2.785	12.5	20.5

476697 2008 TC_{121} 10 14.8 336.°07 2.°6/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.35	+ 8 28.8	1.350	2.216	17.1	20.8
9 18	1 36.28	+ 7 4.9	1.276	2.205	13.1	20.5
9 28	1 31.64	+ 5 21.5	1.222	2.195	8.3	20.2
10 8	1 25.10	+ 3 26.6	1.192	2.186	3.6	19.9
10 18	1 17.72	+ 1 31.4	1.187	2.177	4.0	19.9
10 28	1 10.76	− 0 11.6	1.209	2.170	8.9	20.2
11 7	1 5.41	− 1 32.0	1.253	2.163	13.7	20.5
11 17	1 2.46	− 2 24.3	1.319	2.157	17.9	20.7

105476 2000 QM_{211} 10 14.8 4.°37 1.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.98	+ 7 22.4	1.767	2.614	14.6	19.4
9 18	1 38.37	+ 6 45.2	1.695	2.613	11.1	19.2
9 28	1 32.64	+ 5 57.3	1.645	2.614	7.1	19.0
10 8	1 25.42	+ 5 3.2	1.621	2.614	2.9	18.7
10 18	1 17.59	+ 4 8.9	1.623	2.616	2.5	18.7
10 28	1 10.17	+ 3 20.9	1.653	2.617	6.6	19.0
11 7	1 4.09	+ 2 45.0	1.709	2.619	10.6	19.2
11 17	1 0.02	+ 2 24.6	1.788	2.622	14.1	19.5

212540 2006 RR_{99} 10 14.8 34.°96 0.°2/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.06	+10 36.6	1.740	2.573	15.4	20.5
9 18	1 40.76	+10 25.9	1.669	2.578	11.9	20.3
9 28	1 34.20	+10 2.9	1.620	2.582	7.8	20.1
10 8	1 26.07	+ 9 30.6	1.595	2.588	3.3	19.8
10 18	1 17.29	+ 8 53.2	1.598	2.593	1.4	19.7
10 28	1 8.98	+ 8 16.7	1.629	2.599	5.9	20.0
11 7	1 2.12	+ 7 46.7	1.685	2.605	10.1	20.3
11 17	0 57.40	+ 7 27.6	1.766	2.611	13.7	20.5

228443 2001 QB_{162} 10 14.8 6.°13 1.°0/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.18	+ 7 41.1	1.051	1.928	20.1	19.6
9 18	1 39.76	+ 7 34.8	0.994	1.928	15.4	19.4
9 28	1 34.13	+ 7 14.3	0.956	1.929	10.0	19.1
10 8	1 26.17	+ 6 44.5	0.938	1.932	4.0	18.8
10 18	1 17.25	+ 6 12.3	0.942	1.937	2.5	18.7
10 28	1 9.04	+ 5 46.1	0.970	1.943	8.4	19.1
11 7	1 2.97	+ 5 33.1	1.020	1.950	13.9	19.4
11 17	0 59.91	+ 5 37.4	1.089	1.959	18.5	19.7

460975 2014 WW_{322} 10 14.8 343.°91 6.°6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.66	−11 59.5	2.328	3.173	11.6	20.8
9 18	1 39.10	−12 46.4	2.265	3.170	9.3	20.6
9 28	1 32.84	−13 28.0	2.226	3.167	7.4	20.5
10 8	1 25.45	−13 58.6	2.212	3.164	6.6	20.4
10 18	1 17.61	−14 13.4	2.226	3.162	7.4	20.5
10 28	1 10.15	−14 9.3	2.266	3.160	9.3	20.6
11 7	1 3.78	−13 45.4	2.332	3.158	11.6	20.7
11 17	0 59.03	−13 2.9	2.418	3.156	13.7	20.9

465288 2007 TM_{276} 10 14.9 57.°06 1.°8/16.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.47	+14 42.0	1.109	1.955	21.5	21.1
9 18	1 44.95	+14 31.7	1.065	1.977	16.7	20.9
9 28	1 37.20	+13 59.2	1.039	2.001	11.2	20.7
10 8	1 27.32	+13 8.1	1.034	2.024	5.3	20.4
10 18	1 16.81	+12 5.5	1.053	2.048	2.2	20.3
10 28	1 7.36	+11 1.7	1.097	2.072	7.3	20.7
11 7	1 0.27	+10 6.8	1.165	2.096	12.5	21.1
11 17	0 56.28	+ 9 27.5	1.254	2.120	16.8	21.4

436531 2011 FD_{143} 10 14.9 55.°87 1.°3/14.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 54.15	+ 5 28.4	1.393	2.236	18.0	21.0
9 18	1 47.72	+ 5 34.2	1.352	2.267	13.6	20.8
9 28	1 38.59	+ 5 31.8	1.332	2.299	8.7	20.6
10 8	1 27.79	+ 5 25.1	1.337	2.330	3.5	20.4
10 18	1 16.61	+ 5 18.3	1.368	2.362	2.4	20.4
10 28	1 6.44	+ 5 16.3	1.427	2.393	7.2	20.8
11 7	0 58.36	+ 5 22.8	1.511	2.425	11.5	21.1
11 17	0 53.00	+ 5 40.1	1.619	2.456	15.1	21.4

213484 2002 FR_{12} 10 14.9 81.°81 0.°6/15.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 52.73	+10 46.8	1.380	2.215	18.6	20.3
9 18	1 46.97	+10 49.1	1.326	2.235	14.3	20.1
9 28	1 38.33	+10 37.2	1.293	2.255	9.4	19.8
10 8	1 27.77	+10 13.9	1.282	2.274	4.1	19.6
10 18	1 16.59	+ 9 44.0	1.299	2.294	1.6	19.5
10 28	1 6.25	+ 9 14.1	1.342	2.313	6.8	19.9
11 7	0 57.97	+ 8 50.7	1.411	2.332	11.5	20.2
11 17	0 52.49	+ 8 38.5	1.502	2.351	15.5	20.5

513144 2002 TU_{337} 10 14.9 54.°48 2.°1/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.98	+ 3 4.2	1.618	2.461	15.9	21.0
9 18	1 45.21	+ 3 6.5	1.562	2.477	12.1	20.8
9 28	1 37.01	+ 3 3.9	1.528	2.494	7.8	20.6
10 8	1 27.20	+ 3 0.0	1.519	2.511	3.4	20.3
10 18	1 16.85	+ 2 58.9	1.537	2.528	3.0	20.4
10 28	1 7.20	+ 3 4.5	1.584	2.546	7.1	20.7
11 7	0 59.28	+ 3 19.8	1.657	2.564	11.1	20.9
11 17	0 53.74	+ 3 46.1	1.752	2.581	14.6	21.2

484879 2009 PD_{19} 10 14.9 327.°59 2.°2/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.90	+15 27.1	2.122	2.926	14.0	21.1
9 18	1 40.42	+15 38.5	2.035	2.923	11.1	20.9
9 28	1 33.92	+15 37.2	1.971	2.919	7.7	20.7
10 8	1 25.98	+15 23.8	1.932	2.916	4.2	20.4
10 18	1 17.36	+15 0.7	1.921	2.913	2.2	20.3
10 28	1 9.04	+14 31.6	1.939	2.910	5.0	20.5
11 7	1 1.89	+14 1.9	1.984	2.907	8.6	20.7
11 17	0 56.60	+13 36.2	2.054	2.905	11.8	20.9

469718 2005 LK_{10} 10 14.9 108.°16 4.°8/10.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.82	− 1 3.9	1.719	2.566	14.9	23.1
9 18	1 44.07	− 2 12.9	1.672	2.589	11.3	22.9
9 28	1 36.12	− 3 24.6	1.648	2.612	7.6	22.7
10 8	1 26.78	− 4 31.7	1.651	2.634	4.9	22.6
10 18	1 17.06	− 5 26.8	1.681	2.655	5.8	22.7
10 28	1 8.06	− 6 4.0	1.740	2.675	8.9	22.9
11 7	1 0.68	− 6 20.5	1.823	2.695	12.2	23.2
11 17	0 55.50	− 6 16.2	1.929	2.714	15.1	23.4

405220 2003 RM_2 10 14.9 29.°82 5.°0/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 39.80	− 0 40.6	1.691	2.558	14.2	20.2
9 18	1 36.61	− 2 5.5	1.643	2.571	10.7	20.0
9 28	1 31.41	− 3 34.3	1.618	2.586	7.3	19.8
10 8	1 24.88	− 4 58.7	1.618	2.601	5.0	19.7
10 18	1 17.92	− 6 10.6	1.645	2.616	6.1	19.8
10 28	1 11.50	− 7 3.4	1.698	2.633	9.1	20.1
11 7	1 6.44	− 7 33.3	1.775	2.650	12.3	20.3
11 17	1 3.30	− 7 39.9	1.873	2.667	15.2	20.5

141987 2002 PQ_{138} 10 14.9 67.°40 1.°4/15.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.23	+15 13.9	1.368	2.201	18.8	19.8
9 18	1 42.10	+14 43.2	1.311	2.217	14.7	19.5
9 28	1 35.24	+13 51.7	1.273	2.233	9.8	19.3
10 8	1 26.53	+12 43.1	1.258	2.248	4.6	19.1
10 18	1 17.18	+11 24.5	1.269	2.264	1.8	18.9
10 28	1 8.57	+10 5.6	1.307	2.280	6.6	19.3
11 7	1 1.86	+ 8 56.0	1.370	2.296	11.4	19.6
11 17	0 57.76	+ 8 2.4	1.455	2.312	15.4	19.9

168871 2000 WB_9 10 14.9 340.°31 3.°9/17.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.57	+18 52.0	1.185	2.023	20.8	19.3
9 18	1 40.11	+18 56.9	1.111	2.015	16.9	19.0
9 28	1 34.47	+18 35.7	1.055	2.008	12.1	18.8
10 8	1 26.41	+17 48.4	1.019	2.002	7.0	18.5
10 18	1 17.17	+16 39.2	1.005	1.997	3.9	18.3
10 28	1 8.43	+15 17.6	1.016	1.993	7.4	18.5
11 7	1 1.70	+13 56.1	1.050	1.989	12.6	18.7
11 17	0 57.98	+12 46.0	1.105	1.986	17.4	19.0

516773 2009 WA_{71} 10 14.9 17.°88 2.°1/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.59	+18 13.2	2.156	2.957	13.9	20.9
9 18	1 37.04	+17 48.6	2.075	2.959	11.1	20.7
9 28	1 31.66	+17 7.4	2.016	2.962	7.7	20.5
10 8	1 25.02	+16 11.6	1.981	2.964	4.3	20.3
10 18	1 17.86	+15 5.0	1.975	2.967	2.2	20.2
10 28	1 11.03	+13 53.4	1.997	2.970	4.7	20.4
11 7	1 5.34	+12 43.6	2.047	2.973	8.2	20.6
11 17	1 1.36	+11 41.4	2.123	2.977	11.4	20.8

321023 2008 MA 10 14.9 86.°56 6.°9/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.86	−11 54.6	2.256	3.102	11.9	20.5
9 18	1 39.16	−13 10.7	2.216	3.120	9.5	20.4
9 28	1 32.80	−14 20.9	2.200	3.139	7.6	20.3
10 8	1 25.41	−15 18.5	2.211	3.157	7.0	20.3
10 18	1 17.71	−15 58.3	2.248	3.175	7.9	20.4
10 28	1 10.50	−16 16.9	2.313	3.193	9.7	20.6
11 7	1 4.47	−16 13.6	2.401	3.211	11.8	20.8
11 17	1 0.08	−15 49.8	2.510	3.228	13.7	20.9

166365 2002 LZ_{24} 10 14.9 56.°10 1.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.54	+ 8 58.4	1.540	2.386	16.4	20.0
9 18	1 40.42	+ 8 11.6	1.487	2.404	12.5	19.8
9 28	1 33.95	+ 7 11.8	1.455	2.423	7.9	19.6
10 8	1 25.96	+ 6 4.6	1.448	2.442	3.2	19.4
10 18	1 17.47	+ 4 57.3	1.468	2.462	2.4	19.4
10 28	1 9.65	+ 3 57.7	1.515	2.481	6.9	19.7
11 7	1 3.47	+ 3 12.3	1.588	2.501	11.1	20.0
11 17	0 59.54	+ 2 44.5	1.683	2.520	14.7	20.3

75079 1999 VN_{24} 10 14.9 306.°82 7.°5/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.55	+ 2 3.2	1.296	2.175	16.8	16.9
9 18	1 36.83	− 0 52.6	1.203	2.140	13.0	16.6
9 28	1 32.33	− 4 15.0	1.134	2.106	9.1	16.3
10 8	1 25.57	− 7 49.2	1.091	2.071	7.5	16.1
10 18	1 17.54	−11 15.1	1.075	2.036	10.2	16.2
10 28	1 9.65	−14 11.8	1.084	2.002	14.9	16.3
11 7	1 3.30	−16 24.8	1.115	1.968	19.6	16.5
11 17	0 59.57	−17 48.9	1.163	1.935	23.8	16.7

72725 2001 FP_{94} 10 14.9 102.°13 2.°6/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.47	+ 1 30.9	2.428	3.267	11.4	19.3
9 18	1 38.82	+ 0 54.1	2.364	3.278	8.6	19.1
9 28	1 32.60	+ 0 13.7	2.325	3.290	5.6	19.0
10 8	1 25.35	− 0 26.3	2.312	3.301	3.0	18.8
10 18	1 17.74	− 1 1.6	2.329	3.312	3.3	18.9
10 28	1 10.50	− 1 28.1	2.376	3.323	6.1	19.1
11 7	1 4.29	− 1 43.0	2.449	3.334	8.9	19.3
11 17	0 59.61	− 1 44.8	2.547	3.345	11.5	19.5

372354 2009 FD_{74} 10 14.9 126.°44 0.°1/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.28	+12 38.8	1.549	2.380	17.1	22.0
9 18	1 42.66	+11 50.7	1.483	2.390	13.2	21.8
9 28	1 35.53	+10 44.8	1.438	2.400	8.6	21.6
10 8	1 26.66	+ 9 25.8	1.417	2.410	3.6	21.3
10 18	1 17.15	+ 8 1.1	1.424	2.419	1.6	21.2
10 28	1 8.25	+ 6 39.8	1.458	2.428	6.7	21.5
11 7	1 1.06	+ 5 30.5	1.519	2.436	11.2	21.8
11 17	0 56.28	+ 4 39.0	1.603	2.444	15.1	22.1

517093 2013 CJ_{184} 10 14.9 294.°31 3.°4/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.58	+17 53.7	1.847	2.648	15.9	21.2
9 18	1 42.15	+18 15.6	1.756	2.638	12.8	21.0
9 28	1 35.31	+18 21.9	1.686	2.629	9.2	20.7
10 8	1 26.65	+18 12.1	1.640	2.619	5.5	20.5
10 18	1 17.10	+17 47.7	1.621	2.610	3.4	20.4
10 28	1 7.81	+17 13.0	1.630	2.601	5.9	20.5
11 7	0 59.88	+16 34.4	1.665	2.592	9.7	20.7
11 17	0 54.16	+15 58.5	1.725	2.583	13.4	20.9

175333 2005 NQ_{36} 10 14.9 238.°67 2.°5/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.55	+ 3 51.8	2.036	2.879	13.1	20.5
9 18	1 39.32	+ 3 7.2	1.959	2.876	9.9	20.3
9 28	1 33.17	+ 2 15.4	1.905	2.873	6.4	20.1
10 8	1 25.67	+ 1 21.1	1.878	2.869	3.1	19.9
10 18	1 17.59	+ 0 30.0	1.879	2.866	3.4	19.9
10 28	1 9.87	− 0 12.1	1.908	2.862	6.8	20.1
11 7	1 3.32	− 0 40.9	1.964	2.859	10.3	20.3
11 17	0 58.58	− 0 53.7	2.043	2.855	13.4	20.5

120711 1997 MC_9 10 14.9 89.°84 3.°0/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.64	+ 1 37.4	2.289	3.134	11.8	20.2
9 18	1 37.57	+ 0 43.0	2.223	3.140	8.9	20.0
9 28	1 31.87	− 0 16.1	2.180	3.147	5.8	19.8
10 8	1 25.08	− 1 14.9	2.165	3.153	3.3	19.7
10 18	1 17.88	− 2 8.1	2.179	3.160	3.8	19.7
10 28	1 11.03	− 2 50.8	2.221	3.166	6.6	19.9
11 7	1 5.23	− 3 19.4	2.290	3.172	9.6	20.1
11 17	1 1.00	− 3 32.2	2.383	3.179	12.2	20.3

304159 2006 PF 10 14.9 9.°02 9.°8/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.00	+31 12.5	1.314	2.091	22.3	19.4
9 18	1 38.07	+32 6.3	1.248	2.094	19.3	19.2
9 28	1 33.08	+32 28.0	1.198	2.098	16.0	19.0
10 8	1 25.81	+32 13.2	1.166	2.104	12.6	18.8
10 18	1 17.51	+31 21.4	1.155	2.112	10.2	18.7
10 28	1 9.79	+29 58.7	1.166	2.120	10.0	18.7
11 7	1 4.06	+28 17.0	1.200	2.131	12.2	18.9
11 17	1 1.24	+26 30.0	1.256	2.143	15.3	19.1

187103 2005 QX_{32} 10 14.9 357.°37 1.°4/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 38.04	+ 8 56.3	1.019	1.902	20.1	19.2
9 18	1 36.73	+ 8 22.2	0.959	1.896	15.5	18.9
9 28	1 32.26	+ 7 29.1	0.916	1.892	10.0	18.6
10 8	1 25.48	+ 6 23.5	0.894	1.889	4.0	18.3
10 18	1 17.68	+ 5 15.0	0.894	1.888	2.9	18.2
10 28	1 10.50	+ 4 15.1	0.917	1.889	8.9	18.6
11 7	1 5.36	+ 3 33.5	0.961	1.892	14.5	18.9
11 17	1 3.17	+ 3 15.6	1.023	1.896	19.2	19.2

102962 1999 XB_{66} 10 14.9 120.°53 3.°7/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.20	+22 31.5	2.039	2.815	15.4	19.9
9 18	1 40.66	+22 17.0	1.962	2.826	12.5	19.8
9 28	1 34.06	+21 42.6	1.906	2.836	9.2	19.6
10 8	1 26.03	+20 49.0	1.875	2.846	5.8	19.4
10 18	1 17.46	+19 39.7	1.871	2.856	3.7	19.3
10 28	1 9.34	+18 20.6	1.895	2.865	5.3	19.4
11 7	1 2.56	+16 59.6	1.948	2.874	8.5	19.6
11 17	0 57.76	+15 44.1	2.027	2.883	11.7	19.8

432252 2009 RL_{20} 10 14.9 28.°63 4.°9/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.44	+20 6.4	1.208	2.035	21.1	20.0
9 18	1 42.09	+20 30.2	1.149	2.044	17.2	19.8
9 28	1 35.59	+20 28.8	1.106	2.053	12.5	19.5
10 8	1 26.81	+20 1.7	1.085	2.063	7.7	19.3
10 18	1 17.12	+19 12.1	1.086	2.074	4.9	19.2
10 28	1 8.14	+18 8.4	1.112	2.086	7.4	19.4
11 7	1 1.29	+17 1.8	1.162	2.098	11.9	19.7
11 17	0 57.42	+16 2.2	1.233	2.112	16.1	19.9

513976 2014 GG_{14} 10 14.9 173.°87 1.°4/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.88	+ 7 35.9	2.073	2.907	13.3	22.2
9 18	1 39.53	+ 6 47.4	1.997	2.908	10.1	22.0
9 28	1 33.28	+ 5 48.6	1.944	2.909	6.4	21.8
10 8	1 25.72	+ 4 44.0	1.917	2.910	2.7	21.5
10 18	1 17.62	+ 3 39.3	1.919	2.911	2.4	21.5
10 28	1 9.89	+ 2 40.6	1.951	2.911	6.1	21.7
11 7	1 3.35	+ 1 53.5	2.009	2.911	9.7	22.0
11 17	0 58.60	+ 1 21.3	2.092	2.911	12.9	22.2

38753 2000 QE_{217} 10 14.9 228.°30 0.°1/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.87	+10 4.3	1.397	2.239	18.0	19.8
9 18	1 44.34	+ 9 53.4	1.325	2.238	14.0	19.6
9 28	1 36.91	+ 9 27.9	1.272	2.237	9.2	19.3
10 8	1 27.35	+ 8 51.2	1.243	2.236	3.8	19.0
10 18	1 16.86	+ 8 8.7	1.240	2.235	1.8	18.8
10 28	1 6.90	+ 7 27.8	1.263	2.234	7.2	19.2
11 7	0 58.78	+ 6 55.8	1.311	2.232	12.2	19.5
11 17	0 53.39	+ 6 38.1	1.381	2.231	16.5	19.7

140538 2001 TX_{182} 10 14.9 245.°37 1.°0/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.73	+11 22.8	2.171	2.981	13.5	19.4
9 18	1 43.32	+11 38.3	2.080	2.974	10.6	19.2
9 28	1 35.83	+11 44.5	2.012	2.967	7.1	19.0
10 8	1 26.82	+11 42.5	1.971	2.960	3.3	18.8
10 18	1 17.09	+11 34.1	1.958	2.953	1.4	18.6
10 28	1 7.62	+11 23.0	1.976	2.946	5.1	18.9
11 7	0 59.32	+11 13.0	2.021	2.938	8.8	19.1
11 17	0 52.92	+11 8.1	2.092	2.930	12.2	19.3

96335 1997 JW_9 10 14.9 86.°46 4.°3/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.16	− 2 0.6	2.205	3.055	12.0	19.7
9 18	1 37.99	− 3 6.5	2.147	3.066	9.1	19.5
9 28	1 32.14	− 4 14.5	2.114	3.077	6.2	19.3
10 8	1 25.20	− 5 18.7	2.107	3.088	4.3	19.3
10 18	1 17.87	− 6 13.3	2.129	3.098	5.1	19.3
10 28	1 10.95	− 6 53.3	2.179	3.109	7.7	19.5
11 7	1 5.14	− 7 15.9	2.255	3.120	10.5	19.7
11 17	1 0.95	− 7 20.2	2.353	3.130	12.9	19.9

277369 2005 UZ 10 14.9 59.°99 1.°6/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.24	+ 6 27.6	1.965	2.805	13.6	20.5
9 18	1 39.08	+ 5 49.9	1.897	2.812	10.3	20.3
9 28	1 32.99	+ 5 3.3	1.852	2.819	6.6	20.1
10 8	1 25.59	+ 4 12.5	1.833	2.826	2.8	19.9
10 18	1 17.69	+ 3 22.5	1.842	2.833	2.5	19.9
10 28	1 10.21	+ 2 39.2	1.879	2.840	6.2	20.1
11 7	1 3.98	+ 2 7.4	1.943	2.848	9.9	20.4
11 17	0 59.60	+ 1 49.8	2.031	2.855	13.0	20.6

510070 2010 JO_{72} 10 14.9 109.°93 6.°6/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.96	− 8 54.9	1.991	2.839	13.1	21.4
9 18	1 41.75	− 9 59.8	1.942	2.852	10.4	21.3
9 28	1 34.61	−11 0.9	1.916	2.866	7.8	21.2
10 8	1 26.23	−11 51.2	1.917	2.878	6.6	21.1
10 18	1 17.44	−12 24.7	1.944	2.891	7.5	21.2
10 28	1 9.21	−12 37.4	1.999	2.903	9.8	21.4
11 7	1 2.34	−12 28.2	2.078	2.915	12.4	21.5
11 17	0 57.37	−11 58.5	2.178	2.927	14.7	21.7

224100 2005 OZ_{18} 10 14.9 70.°36 3.°4/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.54	+ 4 17.4	1.419	2.278	16.8	20.7
9 18	1 41.41	+ 3 10.2	1.365	2.290	12.7	20.5
9 28	1 34.73	+ 1 52.9	1.333	2.303	8.2	20.3
10 8	1 26.35	+ 0 33.6	1.325	2.316	4.1	20.1
10 18	1 17.39	− 0 38.9	1.343	2.329	4.6	20.2
10 28	1 9.12	− 1 35.8	1.387	2.342	8.8	20.5
11 7	1 2.61	− 2 11.8	1.456	2.355	12.9	20.7
11 17	0 58.53	− 2 24.7	1.546	2.368	16.5	21.0

340928 2007 EU_4 10 14.9 162.°89 0.°9/15.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.70	+13 35.0	2.015	2.825	14.4	22.6
9 18	1 42.55	+13 15.3	1.937	2.830	11.3	22.4
9 28	1 35.29	+12 41.8	1.880	2.835	7.5	22.2
10 8	1 26.58	+11 56.9	1.850	2.840	3.5	21.9
10 18	1 17.27	+11 4.6	1.848	2.843	1.4	21.8
10 28	1 8.37	+10 10.6	1.876	2.846	5.3	22.1
11 7	1 0.79	+ 9 21.2	1.932	2.849	9.2	22.3
11 17	0 55.19	+ 8 41.4	2.012	2.851	12.6	22.5

366666 2003 TB_3 10 14.9 4.°93 4.°2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 37.94	+24 9.5	1.755	2.547	16.9	19.8
9 18	1 35.53	+23 43.2	1.676	2.547	13.9	19.5
9 28	1 30.94	+22 51.8	1.616	2.549	10.4	19.3
10 8	1 24.82	+21 36.4	1.580	2.551	6.7	19.1
10 18	1 18.06	+20 1.4	1.569	2.554	4.2	19.0
10 28	1 11.73	+18 14.9	1.585	2.558	5.7	19.1
11 7	1 6.77	+16 27.0	1.628	2.563	9.2	19.3
11 17	1 3.84	+14 47.1	1.696	2.569	12.8	19.6

509651 2008 GH_{60} 10 14.9 179.°44 2.°5/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.25	+ 3 47.7	1.916	2.752	14.1	22.2
9 18	1 43.77	+ 3 10.2	1.841	2.753	10.7	22.0
9 28	1 36.11	+ 2 25.5	1.789	2.755	6.9	21.8
10 8	1 26.93	+ 1 38.4	1.764	2.755	3.3	21.6
10 18	1 17.12	+ 0 54.6	1.767	2.755	3.4	21.6
10 28	1 7.74	+ 0 19.8	1.799	2.754	7.1	21.8
11 7	0 59.75	− 0 1.7	1.858	2.752	10.8	22.0
11 17	0 53.82	− 0 7.4	1.941	2.750	14.1	22.2

285817 2001 BR_{18} 10 14.9 256.°98 4.°9/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.81	+25 9.6	2.355	3.108	14.2	20.8
9 18	1 40.37	+25 30.7	2.259	3.101	11.9	20.6
9 28	1 33.94	+25 34.6	2.183	3.093	9.3	20.5
10 8	1 26.07	+25 20.2	2.132	3.086	6.6	20.3
10 18	1 17.49	+24 48.2	2.108	3.079	5.0	20.2
10 28	1 9.13	+24 1.8	2.111	3.072	5.8	20.2
11 7	1 1.88	+23 6.6	2.143	3.064	8.2	20.4
11 17	0 56.43	+22 9.1	2.201	3.057	10.9	20.5

76899 2000 YU_{105} 10 14.9 228.°51 1.°0/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.04	+ 7 28.5	1.893	2.720	14.6	20.2
9 18	1 44.63	+ 7 8.0	1.801	2.708	11.3	19.9
9 28	1 36.86	+ 6 37.6	1.732	2.695	7.3	19.7
10 8	1 27.32	+ 6 0.5	1.689	2.682	3.0	19.4
10 18	1 16.92	+ 5 21.2	1.674	2.668	2.1	19.3
10 28	1 6.79	+ 4 45.6	1.689	2.653	6.5	19.6
11 7	0 58.01	+ 4 19.0	1.731	2.637	10.8	19.8
11 17	0 51.38	+ 4 5.4	1.796	2.621	14.5	20.0

398047 2009 FH_{37} 10 14.9 270.°66 2.°0/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.78	+ 5 7.5	1.929	2.770	13.8	21.5
9 18	1 40.50	+ 4 33.7	1.842	2.758	10.5	21.3
9 28	1 34.09	+ 3 51.4	1.779	2.746	6.8	21.1
10 8	1 26.14	+ 3 4.8	1.741	2.733	3.0	20.8
10 18	1 17.46	+ 2 19.3	1.731	2.721	3.0	20.8
10 28	1 9.07	+ 1 41.0	1.749	2.708	6.8	21.0
11 7	1 1.91	+ 1 14.8	1.793	2.695	10.7	21.2
11 17	0 56.70	+ 1 3.8	1.861	2.682	14.2	21.4

514464 2016 UR_{118} 10 14.9 204.°18 1.°2/16.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.39	+15 2.6	1.827	2.644	15.4	21.5
9 18	1 40.29	+14 33.5	1.745	2.642	12.1	21.2
9 28	1 33.98	+13 47.5	1.685	2.641	8.2	21.0
10 8	1 26.08	+12 46.9	1.650	2.639	3.9	20.8
10 18	1 17.51	+11 36.9	1.643	2.638	1.5	20.6
10 28	1 9.32	+10 24.5	1.664	2.636	5.6	20.9
11 7	1 2.50	+ 9 17.5	1.712	2.634	9.8	21.1
11 17	0 57.76	+ 8 22.1	1.784	2.632	13.5	21.3

450535 2006 BW_{154} 10 14.9 200.°98 5.°2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.18	− 8 22.9	2.830	3.673	9.8	21.8
9 18	1 37.00	− 9 37.9	2.761	3.670	7.7	21.7
9 28	1 31.43	−10 51.5	2.719	3.666	5.9	21.6
10 8	1 24.93	−11 58.4	2.704	3.662	5.2	21.5
10 18	1 18.05	−12 53.6	2.718	3.657	6.0	21.6
10 28	1 11.41	−13 33.2	2.760	3.652	7.9	21.7
11 7	1 5.61	−13 54.9	2.828	3.647	10.0	21.8
11 17	1 1.11	−13 58.5	2.918	3.641	11.9	22.0

291142 2005 YS_{231} 10 14.9 325.°90 4.°1/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.95	− 0 3.5	1.964	2.820	13.0	20.7
9 18	1 37.44	− 1 7.0	1.890	2.813	9.9	20.5
9 28	1 32.02	− 2 15.5	1.839	2.806	6.6	20.3
10 8	1 25.25	− 3 23.0	1.814	2.799	4.2	20.1
10 18	1 17.90	− 4 22.5	1.817	2.793	5.1	20.2
10 28	1 10.89	− 5 8.0	1.847	2.787	8.1	20.3
11 7	1 5.04	− 5 35.2	1.902	2.781	11.4	20.5
11 17	1 0.97	− 5 42.4	1.980	2.776	14.4	20.7

342634 2008 UU_{352} 10 14.9 251.°47 3.°4/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.37	+ 1 1.9	1.868	2.713	14.0	21.7
9 18	1 42.51	+ 0 28.8	1.786	2.703	10.7	21.5
9 28	1 35.41	− 0 9.3	1.727	2.693	7.1	21.3
10 8	1 26.69	− 0 47.2	1.694	2.683	3.8	21.0
10 18	1 17.24	− 1 19.4	1.689	2.673	4.3	21.1
10 28	1 8.12	− 1 40.3	1.711	2.662	7.8	21.2
11 7	1 0.34	− 1 46.2	1.760	2.651	11.5	21.5
11 17	0 54.62	− 1 35.3	1.832	2.640	14.9	21.7

410648 2008 RA_{145} 10 14.9 240.°54 0.°9/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 40.41	+ 8 40.7	2.516	3.343	11.4	21.5
9 18	1 36.63	+ 7 51.6	2.430	3.338	8.7	21.3
9 28	1 31.31	+ 6 52.8	2.368	3.333	5.6	21.1
10 8	1 24.91	+ 5 48.2	2.334	3.327	2.2	20.9
10 18	1 18.06	+ 4 42.2	2.329	3.322	1.8	20.9
10 28	1 11.46	+ 3 40.1	2.354	3.316	5.1	21.1
11 7	1 5.77	+ 2 46.9	2.407	3.310	8.3	21.3
11 17	1 1.52	+ 2 5.9	2.486	3.305	11.1	21.5

59182 1999 AR_{13} 10 14.9 305.°08 6.°1/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.08	− 4 35.1	1.753	2.614	14.0	19.2
9 18	1 39.35	− 5 44.9	1.678	2.601	10.9	19.0
9 28	1 33.41	− 6 56.9	1.627	2.588	7.9	18.8
10 8	1 25.87	− 8 3.0	1.600	2.576	6.1	18.7
10 18	1 17.62	− 8 55.4	1.600	2.563	7.2	18.7
10 28	1 9.72	− 9 27.5	1.626	2.551	10.2	18.8
11 7	1 3.15	− 9 35.8	1.676	2.540	13.5	19.0
11 17	0 58.64	− 9 19.9	1.746	2.528	16.6	19.2

128922 2004 TM_{67} 10 14.9 9.°39 6.°2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.71	− 6 52.3	1.836	2.695	13.6	19.1
9 18	1 39.57	− 7 43.8	1.777	2.696	10.6	18.9
9 28	1 33.37	− 8 33.2	1.740	2.698	7.8	18.7
10 8	1 25.79	− 9 13.8	1.729	2.700	6.2	18.6
10 18	1 17.69	− 9 39.4	1.744	2.703	7.1	18.7
10 28	1 10.06	− 9 45.6	1.785	2.706	9.7	18.9
11 7	1 3.77	− 9 30.6	1.850	2.710	12.6	19.0
11 17	0 59.44	− 8 55.4	1.936	2.714	15.3	19.2

480429 2015 KE_{123} 10 14.9 45.°31 11.°9/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 45.88	−17 57.5	1.435	2.295	16.6	20.2
9 18	1 41.54	−19 43.3	1.411	2.313	14.1	20.1
9 28	1 34.70	−21 13.2	1.408	2.331	12.3	20.0
10 8	1 26.29	−22 16.3	1.426	2.350	12.0	20.1
10 18	1 17.51	−22 45.4	1.468	2.369	13.1	20.2
10 28	1 9.59	−22 37.7	1.531	2.389	15.1	20.4
11 7	1 3.51	−21 56.0	1.614	2.409	17.2	20.6
11 17	0 59.84	−20 45.7	1.714	2.430	19.2	20.8

127072 2002 GX_{60} 10 14.9 62.°92 2.°7/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 47.07	+17 4.3	1.600	2.414	17.4	19.4
9 18	1 42.46	+17 3.6	1.540	2.432	13.7	19.3
9 28	1 35.39	+16 44.4	1.500	2.449	9.6	19.1
10 8	1 26.65	+16 8.3	1.483	2.467	5.2	18.8
10 18	1 17.31	+15 19.3	1.493	2.485	2.7	18.7
10 28	1 8.61	+14 24.3	1.530	2.503	5.9	19.0
11 7	1 1.59	+13 31.0	1.593	2.521	10.0	19.3
11 17	0 56.95	+12 46.1	1.680	2.539	13.6	19.5

484918 2009 SM_{42} 10 14.9 298.°79 2.°2/16.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 48.38	+14 21.6	2.244	3.043	13.5	21.0
9 18	1 43.07	+14 52.3	2.151	3.036	10.7	20.8
9 28	1 35.70	+15 13.0	2.081	3.028	7.5	20.5
10 8	1 26.82	+15 23.5	2.037	3.021	4.1	20.3
10 18	1 17.20	+15 24.9	2.022	3.014	2.3	20.2
10 28	1 7.79	+15 20.0	2.037	3.007	5.0	20.4
11 7	0 59.51	+15 12.5	2.080	3.000	8.4	20.6
11 17	0 53.08	+15 6.6	2.148	2.993	11.6	20.8

260590 2005 ER_{312} 10 14.9 132.°24 0.°3/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 46.95	+11 9.2	1.518	2.355	17.1	21.4
9 18	1 42.55	+10 30.1	1.449	2.361	13.2	21.1
9 28	1 35.57	+ 9 34.8	1.401	2.366	8.6	20.9
10 8	1 26.77	+ 8 27.7	1.378	2.371	3.5	20.6
10 18	1 17.25	+ 7 15.7	1.381	2.375	1.8	20.5
10 28	1 8.30	+ 6 7.6	1.411	2.380	6.9	20.8
11 7	1 1.04	+ 5 11.1	1.467	2.384	11.5	21.1
11 17	0 56.22	+ 4 31.8	1.545	2.388	15.5	21.4

149419 2003 BV_{17} 10 14.9 225.°82 0.°9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 46.34	+ 8 57.0	1.858	2.689	14.6	21.1
9 18	1 41.78	+ 8 20.9	1.772	2.681	11.3	20.9
9 28	1 34.97	+ 7 32.4	1.709	2.673	7.3	20.6
10 8	1 26.53	+ 6 35.5	1.672	2.665	3.0	20.3
10 18	1 17.35	+ 5 35.7	1.662	2.656	2.0	20.3
10 28	1 8.50	+ 4 39.8	1.682	2.647	6.4	20.5
11 7	1 0.98	+ 3 54.1	1.728	2.637	10.6	20.8
11 17	0 55.53	+ 3 23.1	1.797	2.627	14.2	21.0

373445 1999 UP_{30} 10 14.9 53.°16 1.°7/13.9 13 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 52.59	+ 5 19.8	1.164	2.023	19.8	21.1
9 18	1 47.14	+ 5 16.5	1.122	2.045	15.1	20.8
9 28	1 38.56	+ 5 3.6	1.098	2.068	9.6	20.6
10 8	1 27.96	+ 4 46.2	1.098	2.091	4.0	20.4
10 18	1 16.79	+ 4 29.9	1.122	2.115	3.0	20.4
10 28	1 6.69	+ 4 21.2	1.172	2.139	8.2	20.8
11 7	0 58.91	+ 4 24.5	1.245	2.163	13.0	21.1
11 17	0 54.16	+ 4 42.0	1.340	2.188	17.1	21.4

57250 2001 QQ_{94} 10 14.9 301.°27 0.°6/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 44.45	+10 0.3	1.521	2.365	16.7	19.4
9 18	1 40.79	+ 9 26.8	1.442	2.358	12.9	19.1
9 28	1 34.55	+ 8 38.0	1.384	2.351	8.4	18.8
10 8	1 26.41	+ 7 38.1	1.350	2.344	3.4	18.5
10 18	1 17.41	+ 6 33.4	1.342	2.337	2.0	18.4
10 28	1 8.82	+ 5 32.5	1.361	2.330	7.1	18.7
11 7	1 1.80	+ 4 43.1	1.406	2.324	11.8	19.0
11 17	0 57.19	+ 4 10.6	1.472	2.317	15.9	19.2

288544 2004 GZ_{31} 10 14.9 231.°39 2.°9/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 47.54	+ 3 37.4	1.624	2.472	15.6	20.7
9 18	1 42.91	+ 2 59.1	1.549	2.468	11.9	20.4
9 28	1 35.80	+ 2 12.4	1.496	2.464	7.7	20.2
10 8	1 26.90	+ 1 23.0	1.468	2.459	3.7	19.9
10 18	1 17.21	+ 0 37.5	1.467	2.454	3.9	19.9
10 28	1 7.97	+ 0 2.7	1.493	2.449	8.0	20.2
11 7	1 0.27	− 0 16.3	1.544	2.444	12.2	20.4
11 17	0 54.90	− 0 17.0	1.617	2.439	15.9	20.6

285824 2001 DU_{25} 10 14.9 285.°12 4.°2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 41.72	− 1 14.5	2.187	3.038	12.0	20.7
9 18	1 37.94	− 2 19.1	2.099	3.018	9.2	20.5
9 28	1 32.34	− 3 28.3	2.035	2.999	6.3	20.3
10 8	1 25.42	− 4 36.4	1.997	2.980	4.3	20.2
10 18	1 17.87	− 5 36.9	1.988	2.960	5.2	20.2
10 28	1 10.54	− 6 23.9	2.007	2.940	8.0	20.3
11 7	1 4.23	− 6 53.1	2.052	2.921	11.2	20.5
11 17	0 59.57	− 7 2.8	2.119	2.901	14.0	20.6

28004 Terakawa 10 14.9 312.°53 4.°0/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 41.25	+21 34.6	1.741	2.541	16.8	18.6
9 18	1 38.32	+21 28.3	1.643	2.521	13.8	18.4
9 28	1 32.98	+20 59.7	1.563	2.501	10.2	18.1
10 8	1 25.80	+20 8.4	1.507	2.482	6.4	17.9
10 18	1 17.68	+18 57.1	1.476	2.463	4.0	17.7
10 28	1 9.77	+17 32.3	1.472	2.445	6.1	17.8
11 7	1 3.22	+16 3.4	1.494	2.427	10.1	17.9
11 17	0 58.88	+14 39.7	1.541	2.410	14.1	18.1

168578 1999 XJ_{179} 10 14.9 304.°19 6.°8/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 47.35	− 7 19.0	1.673	2.529	14.8	19.7
9 18	1 42.79	− 8 4.5	1.596	2.514	11.7	19.4
9 28	1 35.75	− 8 48.1	1.541	2.498	8.7	19.2
10 8	1 26.90	− 9 22.2	1.511	2.483	6.8	19.1
10 18	1 17.22	− 9 39.9	1.507	2.468	7.8	19.1
10 28	1 7.92	− 9 35.7	1.528	2.453	10.7	19.2
11 7	1 0.11	− 9 7.7	1.574	2.439	14.2	19.4
11 17	0 54.58	− 8 17.1	1.640	2.425	17.3	19.6

435221 2007 RT_{278} 10 14.9 28.°24 13.°6/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 44.33	−18 11.9	1.133	2.009	19.0	19.3
9 18	1 40.83	−19 59.9	1.116	2.028	16.1	19.1
9 28	1 34.42	−21 27.6	1.118	2.048	14.1	19.1
10 8	1 26.22	−22 22.6	1.140	2.070	13.6	19.1
10 18	1 17.64	−22 37.4	1.183	2.093	14.8	19.3
10 28	1 10.13	−22 10.3	1.245	2.117	16.9	19.5
11 7	1 4.76	−21 6.0	1.326	2.142	19.2	19.7
11 17	1 2.08	−19 32.0	1.423	2.168	21.3	20.0

518006 2015 VU_{39} 10 14.9 335.°98 2.°1/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 45.39	+ 3 10.9	2.067	2.906	13.0	21.1
9 18	1 40.73	+ 2 53.9	1.990	2.904	9.9	20.9
9 28	1 34.12	+ 2 31.8	1.936	2.902	6.4	20.6
10 8	1 26.15	+ 2 8.3	1.908	2.900	3.0	20.4
10 18	1 17.60	+ 1 47.6	1.909	2.898	2.9	20.4
10 28	1 9.39	+ 1 34.0	1.938	2.896	6.4	20.6
11 7	1 2.38	+ 1 30.8	1.994	2.894	9.9	20.8
11 17	0 57.19	+ 1 40.1	2.074	2.893	13.0	21.1

116835 2004 FL_{36} 10 14.9 229.°63 2.°4/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
9 8	1 43.55	+ 4 16.2	2.038	2.880	13.1	20.0
9 18	1 39.36	+ 3 29.8	1.961	2.877	10.0	19.8
9 28	1 33.25	+ 2 35.8	1.907	2.875	6.4	19.6
10 8	1 25.79	+ 1 39.0	1.880	2.872	3.1	19.4
10 18	1 17.77	+ 0 45.1	1.881	2.869	3.3	19.4
10 28	1 10.09	− 0 0.1	1.911	2.866	6.7	19.6
11 7	1 3.59	− 0 32.0	1.967	2.862	10.3	19.8
11 17	0 58.88	− 0 47.8	2.047	2.859	13.4	20.0

509260 2006 UF_{122} 10 14.9 301.°74 0.°7/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.13	+11 6.0	1.389	2.239	17.7	21.7
9 18	1 40.06	+10 19.2	1.309	2.227	13.7	21.4
9 28	1 34.25	+ 9 13.1	1.248	2.216	9.0	21.1
10 8	1 26.37	+ 7 52.4	1.211	2.205	3.7	20.8
10 18	1 17.50	+ 6 25.1	1.199	2.194	2.2	20.6
10 28	1 9.03	+ 5 1.7	1.214	2.183	7.7	21.0
11 7	1 2.23	+ 3 52.2	1.252	2.173	12.8	21.2
11 17	0 57.99	+ 3 3.5	1.312	2.163	17.2	21.5

329953 2005 QJ_{65} 10 14.9 69.°81 1.°4/13.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 50.54	+ 7 26.8	1.405	2.250	17.8	21.2
9 18	1 45.09	+ 6 55.2	1.361	2.278	13.4	21.0
9 28	1 37.03	+ 6 12.3	1.338	2.305	8.6	20.8
10 8	1 27.31	+ 5 23.5	1.339	2.333	3.5	20.6
10 18	1 17.17	+ 4 35.7	1.367	2.360	2.6	20.6
10 28	1 7.93	+ 3 56.1	1.422	2.387	7.3	21.0
11 7	1 0.63	+ 3 30.0	1.502	2.414	11.7	21.3
11 17	0 55.91	+ 3 20.3	1.604	2.440	15.3	21.6

161052 2002 JA_{29} 10 14.9 161.°52 2.°5/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.92	+20 11.7	1.993	2.784	15.2	20.2
9 18	1 39.78	+19 31.0	1.909	2.787	12.2	20.0
9 28	1 33.58	+18 29.7	1.848	2.790	8.6	19.8
10 8	1 25.95	+17 10.0	1.811	2.792	4.8	19.5
10 18	1 17.73	+15 36.7	1.803	2.794	2.5	19.4
10 28	1 9.93	+13 57.4	1.824	2.796	5.1	19.6
11 7	1 3.43	+12 20.7	1.873	2.798	8.9	19.8
11 17	0 58.87	+10 54.2	1.948	2.799	12.3	20.0

29139 1988 CP 10 14.9 244.°02 5.°3/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 51.19	+22 46.0	1.967	2.734	16.2	18.9
9 18	1 45.84	+23 24.0	1.865	2.719	13.5	18.7
9 28	1 37.88	+23 45.0	1.783	2.704	10.4	18.5
10 8	1 27.90	+23 46.4	1.726	2.688	7.2	18.3
10 18	1 16.81	+23 27.8	1.695	2.672	5.3	18.1
10 28	1 5.86	+22 52.3	1.692	2.655	6.7	18.2
11 7	0 56.25	+22 6.0	1.717	2.637	9.9	18.3
11 17	0 48.95	+21 16.7	1.766	2.619	13.4	18.5

148205 2000 CZ_{93} 10 14.9 294.°53 3.°3/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.89	+ 4 49.0	1.446	2.305	16.5	20.1
9 18	1 40.63	+ 3 51.0	1.359	2.285	12.7	19.8
9 28	1 34.64	+ 2 39.4	1.293	2.264	8.3	19.5
10 8	1 26.57	+ 1 20.9	1.251	2.243	4.0	19.2
10 18	1 17.42	+ 0 4.5	1.235	2.222	4.5	19.2
10 28	1 8.54	− 1 0.0	1.244	2.202	9.2	19.4
11 7	1 1.22	− 1 44.4	1.277	2.181	14.0	19.6
11 17	0 56.40	− 2 4.4	1.331	2.161	18.2	19.8

494901 2008 UN_{199} 10 14.9 143.°96 8.°6/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.91	+34 19.2	1.149	1.911	25.7	21.9
9 18	1 45.36	+33 47.8	1.078	1.918	22.1	21.6
9 28	1 38.03	+32 28.5	1.020	1.924	17.7	21.4
10 8	1 27.98	+30 17.0	0.980	1.930	12.9	21.1
10 18	1 16.88	+27 17.3	0.963	1.935	9.2	21.0
10 28	1 6.75	+23 45.4	0.971	1.940	9.3	21.0
11 7	0 59.25	+20 5.7	1.006	1.944	13.1	21.2
11 17	0 55.28	+16 41.6	1.063	1.947	17.7	21.5

453495 2009 SQ_{343} 10 14.9 33.°19 2.°0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.83	+ 4 28.3	1.926	2.770	13.7	21.1
9 18	1 39.59	+ 4 3.2	1.861	2.778	10.4	20.9
9 28	1 33.39	+ 3 31.5	1.819	2.786	6.6	20.7
10 8	1 25.86	+ 2 57.4	1.802	2.795	2.9	20.5
10 18	1 17.82	+ 2 25.7	1.813	2.803	2.8	20.5
10 28	1 10.23	+ 2 1.3	1.853	2.813	6.4	20.8
11 7	1 3.91	+ 1 48.0	1.918	2.822	10.0	21.0
11 17	0 59.48	+ 1 48.1	2.007	2.832	13.1	21.2

361948 2008 HK_{62} 10 14.9 63.°97 0.°8/15.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.21	+15 26.4	2.054	2.866	14.1	20.9
9 18	1 38.19	+14 35.4	1.994	2.889	10.9	20.7
9 28	1 32.37	+13 29.0	1.956	2.911	7.3	20.5
10 8	1 25.39	+12 11.0	1.944	2.933	3.3	20.3
10 18	1 18.05	+10 47.1	1.961	2.956	1.2	20.2
10 28	1 11.20	+ 9 24.2	2.007	2.978	4.9	20.5
11 7	1 5.60	+ 8 9.1	2.081	3.001	8.5	20.8
11 17	1 1.74	+ 7 6.8	2.181	3.023	11.6	21.0

424355 2007 VU_{145} 10 14.9 31.°45 3.°8/17.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.52	+16 54.7	0.831	1.698	24.9	19.6
9 18	1 42.74	+17 13.3	0.799	1.720	19.7	19.4
9 28	1 36.18	+17 2.9	0.781	1.743	13.7	19.2
10 8	1 27.11	+16 25.8	0.781	1.769	7.4	18.9
10 18	1 17.33	+15 29.4	0.802	1.796	3.8	18.8
10 28	1 8.83	+14 25.6	0.846	1.824	8.0	19.2
11 7	1 3.07	+13 27.4	0.910	1.853	13.4	19.6
11 17	1 0.77	+12 43.8	0.993	1.883	18.1	20.0

386087 2007 OD_3 10 14.9 39.°10 9.°3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.49	−10 14.5	1.446	2.317	15.9	19.4
9 18	1 39.83	−12 0.2	1.407	2.328	12.8	19.2
9 28	1 33.72	−13 40.0	1.388	2.338	10.2	19.1
10 8	1 26.01	−15 2.7	1.394	2.349	9.3	19.1
10 18	1 17.78	−15 59.1	1.424	2.361	10.6	19.2
10 28	1 10.24	−16 23.6	1.477	2.373	13.2	19.4
11 7	1 4.38	−16 15.6	1.551	2.385	16.0	19.6
11 17	1 0.83	−15 38.4	1.644	2.398	18.5	19.8

245323 2005 EH_{85} 10 14.9 247.°50 5.°2/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.43	− 2 30.4	1.983	2.836	13.0	20.9
9 18	1 39.39	− 3 52.9	1.905	2.825	10.0	20.7
9 28	1 33.35	− 5 19.7	1.852	2.814	7.0	20.5
10 8	1 25.90	− 6 43.4	1.825	2.803	5.2	20.4
10 18	1 17.80	− 7 56.5	1.826	2.791	6.3	20.4
10 28	1 10.02	− 8 51.9	1.855	2.779	9.2	20.6
11 7	1 3.42	− 9 25.4	1.908	2.767	12.3	20.8
11 17	0 58.66	− 9 35.8	1.983	2.755	15.2	20.9

331390 2012 FC_{14} 10 14.9 113.°92 0.°4/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.50	+10 38.4	1.652	2.480	16.3	21.5
9 18	1 44.16	+ 9 58.8	1.592	2.498	12.5	21.3
9 28	1 36.43	+ 9 5.1	1.553	2.516	8.1	21.1
10 8	1 27.13	+ 8 2.0	1.540	2.533	3.3	20.9
10 18	1 17.30	+ 6 55.9	1.555	2.550	1.7	20.8
10 28	1 8.13	+ 5 54.2	1.599	2.566	6.4	21.2
11 7	1 0.62	+ 5 3.9	1.669	2.581	10.7	21.4
11 17	0 55.43	+ 4 29.2	1.762	2.596	14.3	21.7

465389 2008 FH_{53} 10 14.9 264.°31 2.°6/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.39	+14 7.7	1.159	2.014	20.1	20.8
9 18	1 39.91	+11 35.8	1.082	2.006	15.5	20.5
9 28	1 34.34	+ 8 26.0	1.026	1.997	9.8	20.2
10 8	1 26.47	+ 4 49.8	0.994	1.988	4.0	19.8
10 18	1 17.56	+ 1 7.0	0.990	1.980	4.6	19.9
10 28	1 9.21	− 2 18.8	1.013	1.971	10.7	20.2
11 7	1 2.84	− 5 8.3	1.060	1.962	16.4	20.5
11 17	0 59.35	− 7 12.2	1.127	1.953	21.1	20.7

190252 2007 GA_{33} 10 14.9 92.°39 1.°1/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.97	+ 7 12.1	2.385	3.214	11.9	20.6
9 18	1 38.54	+ 6 36.4	2.320	3.228	9.0	20.5
9 28	1 32.53	+ 5 53.0	2.278	3.243	5.7	20.3
10 8	1 25.47	+ 5 5.6	2.264	3.257	2.3	20.1
10 18	1 18.04	+ 4 18.5	2.279	3.271	1.9	20.1
10 28	1 10.99	+ 3 36.3	2.323	3.285	5.2	20.3
11 7	1 4.99	+ 3 3.0	2.395	3.299	8.3	20.6
11 17	1 0.53	+ 2 41.3	2.493	3.312	11.1	20.8

311980 2007 EV_{192} 10 14.9 148.°32 8.°1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.50	+42 36.5	3.147	3.744	13.6	21.0
9 18	1 43.78	+43 19.0	3.059	3.754	12.3	20.9
9 28	1 36.10	+43 41.8	2.988	3.763	10.9	20.8
10 8	1 27.04	+43 42.1	2.938	3.772	9.5	20.7
10 18	1 17.35	+43 18.7	2.912	3.781	8.4	20.7
10 28	1 7.96	+42 33.0	2.912	3.789	8.1	20.7
11 7	0 59.71	+41 29.2	2.938	3.796	8.5	20.7
11 17	0 53.26	+40 13.1	2.989	3.803	9.5	20.8

12044 Fabbri 10 14.9 329.°75 5.°4/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 49.96	− 4 8.8	1.471	2.329	16.4	16.3
9 18	1 45.11	− 4 23.0	1.397	2.318	12.8	16.0
9 28	1 37.44	− 4 36.1	1.344	2.308	8.9	15.8
10 8	1 27.72	− 4 41.7	1.315	2.298	5.8	15.6
10 18	1 17.06	− 4 34.1	1.311	2.289	6.3	15.6
10 28	1 6.87	− 4 8.7	1.334	2.281	9.9	15.8
11 7	0 58.43	− 3 24.1	1.381	2.273	14.0	16.0
11 17	0 52.60	− 2 21.4	1.449	2.266	17.7	16.2

123571 2000 XV_{36} 10 14.9 54.°36 8.°1/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 51.00	+27 49.0	1.578	2.338	19.8	18.6
9 18	1 46.04	+28 55.2	1.512	2.351	16.8	18.5
9 28	1 38.11	+29 37.1	1.464	2.365	13.5	18.3
10 8	1 28.00	+29 50.7	1.437	2.379	10.3	18.1
10 18	1 16.94	+29 35.1	1.433	2.393	8.3	18.1
10 28	1 6.46	+28 54.2	1.456	2.408	8.7	18.1
11 7	0 57.91	+27 56.6	1.503	2.422	11.1	18.3
11 17	0 52.18	+26 52.7	1.574	2.437	14.1	18.5

175406 2006 OL_{14} 10 14.9 65.°38 2.°5/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.59	+ 5 59.7	1.256	2.115	18.6	20.4
9 18	1 43.99	+ 5 13.1	1.209	2.134	14.1	20.2
9 28	1 36.55	+ 4 14.9	1.183	2.153	9.0	19.9
10 8	1 27.23	+ 3 12.3	1.179	2.173	3.9	19.7
10 18	1 17.35	+ 2 13.8	1.201	2.192	3.7	19.8
10 28	1 8.34	+ 1 27.9	1.249	2.212	8.5	20.1
11 7	1 1.39	+ 1 0.5	1.321	2.231	13.1	20.4
11 17	0 57.16	+ 0 53.7	1.413	2.251	16.9	20.7

523735 2014 QX_{441} 10 14.9 30.°64 0.°3/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 23.39	− 5 13.9	36.343	37.182	0.9	21.3
9 18	1 22.66	− 5 19.0	36.271	37.183	0.7	21.3
9 28	1 21.85	− 5 23.9	36.226	37.183	0.5	21.2
10 8	1 20.98	− 5 28.5	36.210	37.184	0.3	21.2
10 18	1 20.10	− 5 32.6	36.223	37.185	0.4	21.2
10 28	1 19.22	− 5 35.9	36.266	37.185	0.6	21.3
11 7	1 18.39	− 5 38.3	36.336	37.186	0.8	21.3
11 17	1 17.63	− 5 39.6	36.433	37.187	1.0	21.3

169771 2002 PV_{89} 10 14.9 1.°15 6.°6/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.71	+27 53.2	1.603	2.377	19.0	19.1
9 18	1 38.85	+28 0.3	1.523	2.376	16.1	18.9
9 28	1 33.39	+27 39.5	1.461	2.375	12.7	18.7
10 8	1 26.03	+26 49.3	1.420	2.375	9.2	18.5
10 18	1 17.82	+25 31.6	1.403	2.376	6.7	18.3
10 28	1 10.07	+23 53.4	1.412	2.377	7.3	18.4
11 7	1 3.94	+22 5.7	1.446	2.379	10.3	18.5
11 17	1 0.24	+20 19.8	1.504	2.381	13.8	18.8

505478 2013 UT_{15} 10 14.9 354.°14 0.°0/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 22.23	+ 6 48.7	56.915	57.733	0.6	23.9
9 18	1 21.78	+ 6 45.6	56.816	57.719	0.4	23.9
9 28	1 21.28	+ 6 42.1	56.744	57.706	0.3	23.8
10 8	1 20.75	+ 6 38.6	56.700	57.693	0.1	23.8
10 18	1 20.21	+ 6 35.0	56.685	57.679	0.1	23.8
10 28	1 19.67	+ 6 31.5	56.701	57.666	0.2	23.8
11 7	1 19.16	+ 6 28.2	56.746	57.652	0.4	23.9
11 17	1 18.69	+ 6 25.3	56.819	57.639	0.6	23.9

474212 2000 SH_{344} 10 14.9 329.°58 6.°4/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.59	− 1 42.5	1.169	2.055	17.8	21.2
9 18	1 38.77	− 2 32.7	1.084	2.022	14.0	20.9
9 28	1 33.85	− 3 29.9	1.017	1.990	9.7	20.6
10 8	1 26.43	− 4 24.9	0.972	1.959	6.6	20.3
10 18	1 17.60	− 5 7.1	0.950	1.929	7.8	20.3
10 28	1 8.93	− 5 26.3	0.950	1.901	12.2	20.4
11 7	1 2.01	− 5 16.0	0.970	1.875	17.3	20.6
11 17	0 58.00	− 4 35.1	1.008	1.850	21.9	20.8

73544 2003 OZ_{30} 10 14.9 74.°82 4.°6/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 46.18	+24 40.4	2.272	3.028	14.6	19.2
9 18	1 41.27	+24 57.1	2.203	3.048	12.1	19.1
9 28	1 34.45	+24 56.0	2.155	3.068	9.2	18.9
10 8	1 26.34	+24 36.7	2.132	3.089	6.4	18.8
10 18	1 17.75	+24 0.9	2.135	3.109	4.7	18.7
10 28	1 9.59	+23 12.6	2.167	3.129	5.5	18.8
11 7	1 2.68	+22 17.8	2.227	3.149	7.9	19.0
11 17	0 57.62	+21 22.7	2.313	3.168	10.5	19.2

405864 2006 DP_{90} 10 14.9 148.°05 2.°4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.65	+ 3 30.6	2.539	3.377	10.9	21.4
9 18	1 36.78	+ 2 28.4	2.465	3.380	8.3	21.2
9 28	1 31.42	+ 1 20.2	2.417	3.383	5.3	21.0
10 8	1 25.06	+ 0 10.6	2.397	3.386	2.8	20.8
10 18	1 18.31	− 0 55.4	2.406	3.389	3.2	20.9
10 28	1 11.85	− 1 52.5	2.444	3.392	6.0	21.1
11 7	1 6.31	− 2 36.9	2.510	3.394	8.8	21.3
11 17	1 2.17	− 3 6.2	2.601	3.396	11.3	21.4

112579 2002 PT_{54} 10 14.9 36.°49 5.°6/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.95	− 0 19.2	1.124	2.002	18.9	18.7
9 18	1 42.25	− 1 18.9	1.082	2.016	14.4	18.5
9 28	1 35.55	− 2 23.3	1.059	2.031	9.6	18.3
10 8	1 26.87	− 3 22.6	1.059	2.046	5.9	18.1
10 18	1 17.56	− 4 7.1	1.082	2.062	6.8	18.3
10 28	1 9.17	− 4 29.5	1.129	2.079	10.8	18.5
11 7	1 2.89	− 4 26.4	1.198	2.097	15.1	18.8
11 17	0 59.43	− 3 58.9	1.286	2.115	18.8	19.1

441792 2009 ED_{18} 10 14.9 66.°23 4.°8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.13	+21 44.6	1.905	2.685	16.2	21.2
9 18	1 43.30	+22 17.4	1.823	2.687	13.3	21.0
9 28	1 36.09	+22 32.5	1.762	2.689	10.0	20.8
10 8	1 27.14	+22 28.7	1.724	2.691	6.7	20.6
10 18	1 17.38	+22 6.8	1.713	2.693	4.8	20.5
10 28	1 7.97	+21 30.8	1.729	2.695	6.2	20.6
11 7	0 59.99	+20 47.0	1.773	2.697	9.3	20.8
11 17	0 54.22	+20 2.6	1.841	2.700	12.6	21.0

331482 1998 RM_{23} 10 14.9 6.°66 2.°3/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 40.86	+11 24.2	0.859	1.744	22.7	19.1
9 18	1 39.45	+12 9.0	0.809	1.744	17.9	18.8
9 28	1 34.38	+12 35.8	0.775	1.746	12.2	18.5
10 8	1 26.60	+12 45.4	0.759	1.751	5.9	18.2
10 18	1 17.65	+12 41.3	0.764	1.759	2.6	18.0
10 28	1 9.51	+12 30.7	0.789	1.769	8.2	18.4
11 7	1 3.85	+12 22.2	0.835	1.781	14.0	18.8
11 17	1 1.62	+12 22.9	0.900	1.795	19.0	19.1

360844 2005 OG_{17} 10 14.9 347.°45 0.°8/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 41.01	+14 2.8	1.756	2.585	15.4	20.3
9 18	1 37.86	+13 27.2	1.676	2.581	12.1	20.1
9 28	1 32.53	+12 34.4	1.618	2.578	8.1	19.9
10 8	1 25.65	+11 27.8	1.584	2.575	3.7	19.6
10 18	1 18.08	+10 12.9	1.577	2.572	1.3	19.4
10 28	1 10.89	+ 8 57.4	1.597	2.570	5.8	19.7
11 7	1 5.03	+ 7 49.2	1.644	2.568	10.0	20.0
11 17	1 1.19	+ 6 54.5	1.715	2.567	13.7	20.2

304434 2006 TE_{94} 10 14.9 354.°63 0.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.30	+ 8 33.9	1.734	2.573	15.2	20.6
9 18	1 41.12	+ 8 24.0	1.658	2.571	11.7	20.4
9 28	1 34.64	+ 8 3.6	1.604	2.569	7.6	20.1
10 8	1 26.53	+ 7 35.7	1.575	2.568	3.1	19.8
10 18	1 17.70	+ 7 4.9	1.573	2.567	1.7	19.7
10 28	1 9.27	+ 6 36.6	1.598	2.567	6.2	20.0
11 7	1 2.25	+ 6 16.1	1.650	2.567	10.4	20.3
11 17	0 57.37	+ 6 7.2	1.724	2.567	14.1	20.5

75697 2000 AP_{110} 10 14.9 294.°32 8.°9/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.04	−12 12.3	1.763	2.621	14.1	19.7
9 18	1 40.09	−13 47.5	1.703	2.614	11.5	19.6
9 28	1 33.92	−15 17.7	1.667	2.607	9.5	19.4
10 8	1 26.21	−16 33.3	1.655	2.601	8.9	19.4
10 18	1 17.86	−17 26.1	1.668	2.594	10.1	19.4
10 28	1 9.95	−17 50.3	1.705	2.588	12.5	19.6
11 7	1 3.43	−17 44.5	1.765	2.581	15.1	19.7
11 17	0 58.99	−17 10.7	1.843	2.575	17.6	19.9

48215 2001 KO_{28} 10 14.9 151.°04 4.°2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.35	+24 1.2	2.149	2.913	15.1	19.0
9 18	1 40.86	+23 54.2	2.065	2.918	12.4	18.8
9 28	1 34.32	+23 27.3	2.002	2.923	9.3	18.7
10 8	1 26.36	+22 40.9	1.963	2.928	6.2	18.5
10 18	1 17.80	+21 37.3	1.951	2.932	4.2	18.4
10 28	1 9.62	+20 21.9	1.968	2.936	5.4	18.5
11 7	1 2.71	+19 2.1	2.014	2.939	8.3	18.6
11 17	0 57.71	+17 45.3	2.085	2.942	11.4	18.8

262828 2007 AN_{27} 10 14.9 158.°87 4.°7/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.41	− 0 49.5	1.603	2.457	15.5	20.9
9 18	1 43.54	− 1 41.8	1.538	2.459	11.9	20.7
9 28	1 36.21	− 2 38.2	1.495	2.461	8.0	20.5
10 8	1 27.17	− 3 31.7	1.478	2.463	5.0	20.3
10 18	1 17.46	− 4 14.8	1.487	2.465	5.7	20.4
10 28	1 8.28	− 4 41.1	1.523	2.466	9.2	20.6
11 7	1 0.71	− 4 47.2	1.583	2.468	13.0	20.8
11 17	0 55.48	− 4 32.2	1.665	2.469	16.4	21.0

40494 1999 RG_{72} 10 14.9 351.°40 3.°0/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 43.92	+ 4 10.6	1.564	2.421	15.7	18.9
9 18	1 40.23	+ 3 21.8	1.495	2.419	11.9	18.7
9 28	1 34.14	+ 2 23.4	1.447	2.417	7.7	18.5
10 8	1 26.34	+ 1 21.8	1.424	2.416	3.7	18.2
10 18	1 17.82	+ 0 24.4	1.427	2.415	4.0	18.3
10 28	1 9.76	− 0 21.3	1.457	2.414	8.1	18.5
11 7	1 3.23	− 0 49.7	1.511	2.414	12.3	18.7
11 17	0 58.94	− 0 58.1	1.587	2.414	15.9	19.0

275928 2001 TU_{256} 10 14.9 351.°83 0.°5/15.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.20	+ 9 44.9	1.314	2.164	18.5	19.9
9 18	1 43.35	+ 9 59.2	1.243	2.160	14.4	19.7
9 28	1 36.51	+10 0.7	1.190	2.156	9.6	19.4
10 8	1 27.44	+ 9 51.6	1.161	2.153	4.2	19.1
10 18	1 17.34	+ 9 35.8	1.156	2.151	1.7	18.9
10 28	1 7.72	+ 9 19.1	1.176	2.150	7.2	19.2
11 7	0 59.98	+ 9 8.1	1.221	2.149	12.3	19.5
11 17	0 55.05	+ 9 7.7	1.287	2.149	16.7	19.8

395051 2009 DD_{141} 10 14.9 30.°04 1.°2/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.63	+ 8 48.5	1.798	2.638	14.7	21.2
9 18	1 38.94	+ 7 58.2	1.726	2.640	11.2	21.0
9 28	1 33.15	+ 6 55.4	1.676	2.643	7.2	20.8
10 8	1 25.89	+ 5 44.9	1.651	2.645	2.9	20.5
10 18	1 18.04	+ 4 33.2	1.655	2.648	2.3	20.5
10 28	1 10.61	+ 3 27.8	1.686	2.650	6.5	20.7
11 7	1 4.51	+ 2 35.0	1.743	2.653	10.5	21.0
11 17	1 0.38	+ 1 59.0	1.824	2.656	13.9	21.2

301515 2009 FL_{10} 10 14.9 8.°50 0.°9/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.95	+ 9 19.5	1.748	2.588	15.0	20.9
9 18	1 39.27	+ 8 37.5	1.675	2.589	11.5	20.7
9 28	1 33.41	+ 7 42.3	1.623	2.589	7.4	20.5
10 8	1 26.02	+ 6 38.7	1.597	2.590	3.0	20.2
10 18	1 17.99	+ 5 32.8	1.597	2.591	2.0	20.1
10 28	1 10.37	+ 4 31.9	1.626	2.592	6.4	20.4
11 7	1 4.12	+ 3 42.6	1.680	2.594	10.6	20.7
11 17	0 59.91	+ 3 9.2	1.758	2.595	14.1	20.9

111438 2001 XV_{223} 10 14.9 159.°73 0.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.79	+10 18.3	2.234	3.053	12.9	20.3
9 18	1 40.20	+ 9 57.8	2.154	3.056	9.9	20.1
9 28	1 33.80	+ 9 27.1	2.098	3.058	6.5	19.9
10 8	1 26.13	+ 8 49.0	2.068	3.060	2.7	19.7
10 18	1 17.94	+ 8 7.3	2.067	3.062	1.2	19.6
10 28	1 10.08	+ 7 26.8	2.096	3.064	5.0	19.9
11 7	1 3.34	+ 6 52.2	2.153	3.066	8.6	20.1
11 17	0 58.29	+ 6 27.2	2.234	3.067	11.7	20.3

156688 2002 KD_{13} 10 14.9 153.°50 0.°9/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.87	+ 7 35.0	2.776	3.596	10.6	21.5
9 18	1 38.34	+ 6 59.7	2.699	3.603	8.1	21.3
9 28	1 32.40	+ 6 17.2	2.647	3.610	5.2	21.1
10 8	1 25.50	+ 5 30.7	2.623	3.616	2.1	20.9
10 18	1 18.24	+ 4 43.8	2.629	3.621	1.6	20.9
10 28	1 11.26	+ 4 0.6	2.665	3.627	4.6	21.1
11 7	1 5.16	+ 3 24.7	2.731	3.632	7.5	21.3
11 17	1 0.40	+ 2 58.8	2.822	3.636	10.0	21.5

335703 2006 YD_{36} 10 14.9 211.°10 5.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 48.00	− 2 56.2	1.639	2.494	15.1	20.7
9 18	1 43.24	− 3 53.2	1.572	2.492	11.7	20.5
9 28	1 36.05	− 4 52.6	1.526	2.490	8.1	20.3
10 8	1 27.14	− 5 46.9	1.506	2.487	5.6	20.1
10 18	1 17.53	− 6 28.6	1.513	2.485	6.5	20.2
10 28	1 8.40	− 6 51.4	1.546	2.482	9.8	20.4
11 7	1 0.83	− 6 52.2	1.604	2.479	13.4	20.6
11 17	0 55.56	− 6 30.8	1.682	2.476	16.6	20.8

394598 2007 VR_{233} 10 14.9 17.°47 3.°5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.79	+ 1 24.7	1.621	2.476	15.3	20.4
9 18	1 41.54	+ 0 51.7	1.556	2.479	11.6	20.1
9 28	1 34.92	+ 0 13.5	1.513	2.481	7.6	19.9
10 8	1 26.67	− 0 24.2	1.495	2.484	4.1	19.7
10 18	1 17.77	− 0 55.4	1.503	2.488	4.4	19.8
10 28	1 9.38	− 1 14.2	1.538	2.492	8.1	20.0
11 7	1 2.51	− 1 16.9	1.597	2.496	12.0	20.2
11 17	0 57.86	− 1 2.1	1.679	2.500	15.4	20.5

411907 2012 FP_{61} 10 14.9 149.°99 2.°7/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.51	+ 0 40.6	2.454	3.291	11.3	21.7
9 18	1 39.77	+ 0 11.9	2.381	3.293	8.6	21.6
9 28	1 33.42	− 0 19.9	2.332	3.296	5.6	21.4
10 8	1 25.97	− 0 50.8	2.310	3.298	3.1	21.2
10 18	1 18.09	− 1 17.0	2.318	3.300	3.4	21.3
10 28	1 10.52	− 1 34.5	2.354	3.302	6.1	21.4
11 7	1 3.96	− 1 40.8	2.419	3.304	9.0	21.6
11 17	0 58.93	− 1 34.5	2.508	3.306	11.6	21.8

228004 2007 QC_5 10 14.9 323.°88 1.°1/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.53	+ 4 26.3	4.010	4.837	7.5	20.4
9 18	1 33.19	+ 4 0.9	3.925	4.834	5.6	20.2
9 28	1 28.93	+ 3 31.9	3.866	4.830	3.6	20.1
10 8	1 24.06	+ 3 1.7	3.835	4.826	1.6	19.9
10 18	1 18.92	+ 2 32.3	3.834	4.823	1.6	19.9
10 28	1 13.93	+ 2 6.4	3.863	4.819	3.6	20.1
11 7	1 9.46	+ 1 45.9	3.922	4.816	5.6	20.2
11 17	1 5.83	+ 1 32.7	4.007	4.813	7.5	20.4

236853 2007 RJ_{142} 10 14.9 26.°43 1.°3/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 52.26	+ 4 1.1	1.443	2.290	17.3	18.8
9 18	1 46.76	+ 4 26.6	1.381	2.298	13.3	18.6
9 28	1 38.44	+ 4 47.0	1.340	2.307	8.6	18.3
10 8	1 28.17	+ 5 4.9	1.323	2.316	3.6	18.1
10 18	1 17.14	+ 5 23.1	1.333	2.326	2.4	18.0
10 28	1 6.77	+ 5 45.1	1.370	2.337	7.2	18.4
11 7	0 58.29	+ 6 13.8	1.432	2.349	11.8	18.7
11 17	0 52.49	+ 6 51.0	1.517	2.361	15.6	18.9

168676 2000 FN_3 10 14.9 180.°36 3.°4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.17	− 0 29.5	2.446	3.283	11.4	20.8
9 18	1 40.29	− 1 21.3	2.371	3.284	8.6	20.6
9 28	1 33.76	− 2 16.2	2.322	3.285	5.8	20.5
10 8	1 26.12	− 3 9.6	2.301	3.285	3.6	20.3
10 18	1 18.02	− 3 56.4	2.309	3.285	4.2	20.4
10 28	1 10.25	− 4 32.0	2.346	3.284	6.8	20.5
11 7	1 3.49	− 4 53.5	2.411	3.282	9.6	20.7
11 17	0 58.28	− 4 59.3	2.499	3.280	12.2	20.9

10007 Malytheatre 10 14.9 260.°94 4.°2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.22	+25 18.8	2.516	3.268	13.4	17.3
9 18	1 38.33	+25 11.4	2.415	3.258	11.2	17.1
9 28	1 32.66	+24 45.9	2.335	3.248	8.6	16.9
10 8	1 25.72	+24 2.3	2.279	3.238	6.0	16.7
10 18	1 18.19	+23 2.2	2.251	3.227	4.2	16.6
10 28	1 10.88	+21 49.8	2.252	3.217	5.0	16.6
11 7	1 4.56	+20 31.3	2.281	3.206	7.5	16.8
11 17	0 59.86	+19 13.2	2.337	3.195	10.3	16.9

63176 2000 YN_{59} 10 14.9 240.°67 0.°6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 36.60	+13 17.1	4.311	5.106	7.6	19.7
9 18	1 33.21	+13 3.3	4.220	5.106	5.9	19.5
9 28	1 28.93	+12 43.1	4.154	5.105	3.9	19.4
10 8	1 24.06	+12 17.8	4.116	5.104	1.9	19.2
10 18	1 18.94	+11 49.2	4.108	5.103	0.8	19.1
10 28	1 13.94	+11 19.4	4.132	5.102	2.7	19.3
11 7	1 9.45	+10 50.8	4.185	5.101	4.7	19.4
11 17	1 5.77	+10 25.5	4.265	5.100	6.5	19.6

261254 2005 UG_{83} 10 14.9 100.°05 0.°2/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.43	+11 24.8	2.215	3.032	13.1	21.5
9 18	1 39.88	+10 58.6	2.145	3.045	10.0	21.3
9 28	1 33.55	+10 21.4	2.099	3.058	6.6	21.1
10 8	1 26.04	+ 9 36.2	2.079	3.071	2.8	20.9
10 18	1 18.09	+ 8 47.0	2.088	3.083	1.1	20.8
10 28	1 10.54	+ 7 59.1	2.127	3.096	4.9	21.1
11 7	1 4.14	+ 7 17.3	2.193	3.108	8.4	21.3
11 17	0 59.45	+ 6 45.5	2.285	3.120	11.4	21.6

331714 2002 RS_{253} 10 14.9 127.°41 1.°5/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 42.63	+ 8 57.5	1.909	2.746	14.1	21.1
9 18	1 38.83	+ 7 50.4	1.836	2.749	10.7	20.9
9 28	1 33.04	+ 6 30.2	1.785	2.752	6.8	20.7
10 8	1 25.88	+ 5 2.4	1.761	2.754	2.8	20.4
10 18	1 18.17	+ 3 34.1	1.765	2.757	2.5	20.4
10 28	1 10.86	+ 2 13.1	1.798	2.760	6.5	20.7
11 7	1 4.81	+ 1 6.1	1.858	2.762	10.3	20.9
11 17	1 0.62	+ 0 17.3	1.942	2.765	13.6	21.1

514497 2016 WB_{19} 10 14.9 337.°89 1.°9/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 45.60	+ 5 15.1	1.547	2.399	16.0	20.7
9 18	1 41.66	+ 4 56.8	1.472	2.393	12.3	20.5
9 28	1 35.19	+ 4 29.5	1.418	2.387	8.0	20.2
10 8	1 26.87	+ 3 57.8	1.388	2.382	3.4	19.9
10 18	1 17.72	+ 3 27.1	1.385	2.377	3.0	19.9
10 28	1 8.98	+ 3 3.9	1.408	2.372	7.5	20.2
11 7	1 1.80	+ 2 53.1	1.455	2.368	11.9	20.4
11 17	0 56.97	+ 2 57.7	1.525	2.365	15.8	20.6

493908 2015 XX_{309} 10 14.9 254.°20 3.°0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 44.66	+ 0 1.8	2.342	3.181	11.7	21.0
9 18	1 40.02	− 0 27.5	2.263	3.177	8.9	20.8
9 28	1 33.67	− 0 59.7	2.209	3.173	5.9	20.6
10 8	1 26.12	− 1 30.6	2.182	3.169	3.4	20.4
10 18	1 18.07	− 1 56.1	2.184	3.165	3.8	20.5
10 28	1 10.31	− 2 12.0	2.214	3.161	6.5	20.6
11 7	1 3.58	− 2 15.7	2.272	3.156	9.6	20.8
11 17	0 58.46	− 2 5.8	2.354	3.152	12.3	21.0

67264 2000 EM_{153} 10 14.9 178.°63 1.°9/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.30	+16 37.6	1.898	2.701	15.4	20.0
9 18	1 42.55	+16 16.7	1.816	2.703	12.2	19.8
9 28	1 35.56	+15 38.4	1.755	2.704	8.5	19.6
10 8	1 26.97	+14 44.7	1.719	2.705	4.4	19.3
10 18	1 17.69	+13 39.6	1.711	2.705	2.0	19.2
10 28	1 8.81	+12 29.9	1.732	2.704	5.4	19.4
11 7	1 1.30	+11 23.0	1.780	2.703	9.5	19.6
11 17	0 55.90	+10 25.6	1.854	2.701	13.1	19.9

512736 2016 UW_{27} 10 14.9 51.°26 0.°3/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 51.12	+ 9 22.0	1.405	2.244	18.1	20.4
9 18	1 45.78	+ 9 32.2	1.354	2.265	13.9	20.2
9 28	1 37.71	+ 9 30.4	1.324	2.287	9.1	20.0
10 8	1 27.83	+ 9 19.4	1.317	2.310	3.8	19.8
10 18	1 17.37	+ 9 3.1	1.337	2.332	1.5	19.7
10 28	1 7.72	+ 8 47.4	1.384	2.355	6.6	20.1
11 7	1 0.02	+ 8 37.5	1.456	2.378	11.2	20.4
11 17	0 54.98	+ 8 37.5	1.550	2.402	15.0	20.7

346344 2008 RA_{81} 10 14.9 225.°42 7.°1/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.14	+35 33.5	2.454	3.132	15.4	20.7
9 18	1 42.36	+35 32.4	2.345	3.121	13.6	20.5
9 28	1 35.43	+35 7.2	2.254	3.109	11.3	20.3
10 8	1 26.93	+34 15.3	2.186	3.096	9.1	20.2
10 18	1 17.71	+32 56.8	2.144	3.083	7.4	20.0
10 28	1 8.78	+31 15.3	2.130	3.069	7.3	20.0
11 7	1 1.11	+29 18.3	2.144	3.055	8.8	20.1
11 17	0 55.40	+27 15.0	2.186	3.040	11.1	20.2

232126 2002 AE_{114} 10 14.9 138.°59 3.°3/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
9 8	1 47.64	+18 58.0	1.795	2.592	16.4	20.3
9 18	1 43.00	+19 4.7	1.716	2.595	13.2	20.1
9 28	1 35.94	+18 53.3	1.658	2.599	9.5	19.9
10 8	1 27.17	+18 24.1	1.623	2.602	5.6	19.7
10 18	1 17.63	+17 39.7	1.616	2.605	3.3	19.5
10 28	1 8.51	+16 45.7	1.636	2.608	5.8	19.7
11 7	1 0.88	+15 49.7	1.683	2.610	9.6	19.9
11 17	0 55.50	+14 58.6	1.755	2.613	13.2	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
123973	2001 FQ_{28}		10 14.9	257.°47	0.°6/14.4	17
	h m	° ′			°	m
9 8	1 45.19	+ 7 40.8	2.442	3.263	11.9	20.3
9 18	1 40.49	+ 7 29.3	2.347	3.251	9.1	20.1
9 28	1 34.04	+ 7 10.5	2.277	3.239	5.9	19.9
10 8	1 26.32	+ 6 46.6	2.233	3.226	2.4	19.7
10 18	1 18.01	+ 6 21.0	2.219	3.213	1.5	19.6
10 28	1 9.89	+ 5 57.4	2.235	3.200	5.0	19.8
11 7	1 2.74	+ 5 39.7	2.278	3.187	8.4	20.0
11 17	0 57.16	+ 5 30.7	2.348	3.173	11.4	20.2
429573	2011 EK_1		10 14.9	103.°00	4.°5/18.6	17
9 8	1 49.72	+21 6.3	1.636	2.427	18.0	21.3
9 18	1 44.79	+21 25.9	1.564	2.437	14.7	21.1
9 28	1 37.20	+21 24.7	1.512	2.447	10.8	20.9
10 8	1 27.71	+21 2.2	1.484	2.456	6.9	20.7
10 18	1 17.42	+20 20.4	1.481	2.466	4.5	20.6
10 28	1 7.67	+19 25.3	1.505	2.475	6.4	20.7
11 7	0 59.64	+18 25.3	1.556	2.484	10.1	21.0
11 17	0 54.13	+17 28.7	1.630	2.493	13.8	21.2
44445	1998 UX_{20}		10 14.9	346.°85	3.°4/18.2	18
9 8	1 38.12	+21 31.5	1.446	2.264	18.7	18.2
9 18	1 36.26	+20 55.4	1.364	2.256	15.2	18.0
9 28	1 31.83	+19 50.6	1.301	2.248	11.0	17.7
10 8	1 25.52	+18 18.9	1.261	2.242	6.4	17.4
10 18	1 18.35	+16 26.3	1.245	2.236	3.4	17.3
10 28	1 11.60	+14 23.5	1.255	2.232	6.3	17.4
11 7	1 6.43	+12 23.5	1.291	2.228	10.9	17.7
11 17	1 3.64	+10 37.8	1.350	2.226	15.2	17.9
139540	2001 QY_{37}		10 14.9	76.°83	4.°1/18.7	18
9 8	1 48.53	+21 15.6	1.907	2.688	16.2	19.8
9 18	1 43.41	+21 33.6	1.841	2.707	13.1	19.7
9 28	1 36.05	+21 33.4	1.796	2.726	9.7	19.5
10 8	1 27.15	+21 14.7	1.775	2.746	6.2	19.3
10 18	1 17.68	+20 39.7	1.781	2.765	4.1	19.2
10 28	1 8.74	+19 53.4	1.816	2.784	5.7	19.4
11 7	1 1.30	+19 2.6	1.877	2.802	8.9	19.6
11 17	0 56.01	+18 14.1	1.963	2.821	12.0	19.8
86704	2000 FS_{63}		10 14.9	282.°41	1.°7/13.8	18
9 8	1 46.98	+ 6 41.8	1.548	2.395	16.3	20.4
9 18	1 42.92	+ 6 14.6	1.460	2.378	12.6	20.2
9 28	1 36.18	+ 5 35.7	1.393	2.361	8.2	19.9
10 8	1 27.38	+ 4 49.4	1.350	2.343	3.5	19.5
10 18	1 17.54	+ 4 1.8	1.333	2.326	2.8	19.5
10 28	1 7.96	+ 3 20.4	1.344	2.309	7.7	19.7
11 7	0 59.91	+ 2 51.8	1.379	2.291	12.5	19.9
11 17	0 54.31	+ 2 40.5	1.436	2.274	16.7	20.2
261595	2005 XX_{46}		10 14.9	77.°25	2.°2/17.3	18
9 8	1 43.93	+17 11.9	2.190	2.988	13.8	20.8
9 18	1 39.70	+17 6.1	2.109	2.992	11.0	20.6
9 28	1 33.57	+16 45.7	2.050	2.995	7.7	20.4
10 8	1 26.13	+16 12.1	2.016	2.998	4.3	20.2
10 18	1 18.12	+15 28.0	2.010	3.002	2.2	20.1
10 28	1 10.44	+14 38.4	2.033	3.005	4.7	20.2
11 7	1 3.91	+13 48.9	2.084	3.009	8.2	20.5
11 17	0 59.14	+13 4.9	2.160	3.012	11.3	20.7
477267	2009 SR_{100}		10 14.9	310.°91	2.°4/13.3	18
9 8	1 43.56	+ 6 18.1	1.346	2.208	17.4	20.9
9 18	1 40.65	+ 5 37.9	1.261	2.188	13.5	20.6
9 28	1 34.88	+ 4 43.5	1.197	2.168	8.8	20.3
10 8	1 26.89	+ 3 40.6	1.155	2.149	3.8	19.9
10 18	1 17.75	+ 2 37.2	1.138	2.130	3.6	19.9
10 28	1 8.89	+ 1 42.9	1.147	2.111	8.8	20.1
11 7	1 1.69	+ 1 5.8	1.179	2.094	13.9	20.4
11 17	0 57.13	+ 0 50.9	1.231	2.077	18.4	20.6
326276	1995 SE_{43}		10 14.9	102.°62	1.°0/14.3	16
9 8	1 50.28	+ 8 7.8	1.553	2.391	16.7	21.3
9 18	1 45.02	+ 7 45.6	1.493	2.404	12.8	21.1
9 28	1 37.21	+ 7 11.8	1.453	2.418	8.3	20.9
10 8	1 27.66	+ 6 30.8	1.438	2.431	3.4	20.6
10 18	1 17.50	+ 5 48.3	1.450	2.444	2.1	20.6
10 28	1 7.97	+ 5 10.9	1.490	2.457	6.9	20.9
11 7	1 0.20	+ 4 44.3	1.556	2.469	11.3	21.2
11 17	0 54.87	+ 4 32.2	1.644	2.481	15.0	21.5
75173	1999 VA_{148}		10 14.9	107.°71	3.°6/12.5	18
9 8	1 50.73	+ 1 22.3	1.521	2.371	16.4	19.3
9 18	1 45.41	+ 0 48.6	1.461	2.381	12.5	19.1
9 28	1 37.49	+ 0 9.6	1.423	2.390	8.2	18.8
10 8	1 27.79	− 0 28.6	1.409	2.399	4.3	18.6
10 18	1 17.45	− 0 59.5	1.422	2.407	4.6	18.7
10 28	1 7.76	− 1 17.2	1.462	2.416	8.5	18.9
11 7	0 59.82	− 1 18.1	1.527	2.424	12.6	19.2
11 17	0 54.38	− 1 1.0	1.614	2.432	16.1	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
454647	2014 QU_{257}		10 14.9	129.°68	3.°2/11.6	18
	h m	° ′			°	m
9 8	1 45.73	− 2 3.4	2.627	3.462	10.7	21.7
9 18	1 40.55	− 2 30.7	2.560	3.470	8.2	21.5
9 28	1 33.87	− 2 58.8	2.518	3.479	5.5	21.4
10 8	1 26.19	− 3 24.0	2.504	3.487	3.5	21.2
10 18	1 18.14	− 3 42.7	2.519	3.495	3.9	21.3
10 28	1 10.43	− 3 51.7	2.564	3.503	6.2	21.4
11 7	1 3.71	− 3 49.0	2.637	3.510	8.8	21.6
11 17	0 58.45	− 3 33.9	2.734	3.518	11.2	21.8
326578	2002 QB_{62}		10 14.9	64.°24	2.°8/16.9	16
9 8	1 49.63	+16 27.7	1.345	2.170	19.5	21.0
9 18	1 44.97	+16 34.7	1.288	2.186	15.4	20.8
9 28	1 37.39	+16 21.2	1.250	2.203	10.7	20.6
10 8	1 27.79	+15 48.8	1.234	2.219	5.7	20.3
10 18	1 17.46	+15 1.8	1.244	2.236	2.9	20.2
10 28	1 7.89	+14 8.1	1.279	2.254	6.6	20.5
11 7	1 0.34	+13 16.5	1.340	2.271	11.2	20.8
11 17	0 55.57	+12 34.6	1.423	2.288	15.3	21.1
440925	2006 WO_{205}		10 14.9	47.°39	8.°2/ 8.9	15
9 8	1 48.94	−12 30.8	1.725	2.575	14.7	20.5
9 18	1 43.63	−13 19.7	1.680	2.587	11.9	20.3
9 28	1 36.10	−14 0.5	1.658	2.600	9.4	20.2
10 8	1 27.14	−14 25.5	1.660	2.614	8.2	20.2
10 18	1 17.76	−14 29.4	1.688	2.628	9.0	20.2
10 28	1 9.06	−14 9.0	1.741	2.642	11.2	20.4
11 7	1 1.97	−13 25.1	1.818	2.656	13.8	20.6
11 17	0 57.07	−12 20.7	1.915	2.671	16.2	20.8
6280	Sicardy		10 14.9	342.°24	3.°5/16.8	18
9 8	1 47.32	+14 10.9	1.097	1.948	21.3	16.1
9 18	1 44.22	+14 57.3	1.025	1.939	17.1	15.8
9 28	1 37.58	+15 26.5	0.970	1.930	12.0	15.5
10 8	1 28.13	+15 37.4	0.936	1.923	6.6	15.2
10 18	1 17.23	+15 31.2	0.924	1.917	3.6	15.0
10 28	1 6.77	+15 13.4	0.935	1.912	8.0	15.2
11 7	0 58.51	+14 52.7	0.969	1.907	13.5	15.5
11 17	0 53.62	+14 37.4	1.023	1.905	18.4	15.8
116165	2003 WU_{190}		10 14.9	357.°79	9.°6/ 6.0	18
9 8	1 44.72	−13 33.6	1.663	2.522	14.8	19.1
9 18	1 40.71	−15 10.7	1.612	2.521	12.2	19.0
9 28	1 34.39	−16 40.5	1.583	2.520	10.2	18.9
10 8	1 26.50	−17 52.9	1.579	2.520	9.6	18.8
10 18	1 18.01	−18 39.6	1.599	2.520	10.9	18.9
10 28	1 10.06	−18 55.4	1.643	2.520	13.2	19.1
11 7	1 3.61	−18 39.9	1.708	2.520	15.7	19.2
11 17	0 59.34	−17 55.9	1.791	2.521	18.1	19.4
225127	2008 FP_{10}		10 14.9	62.°45	0.°8/15.6	16
9 8	1 48.26	+13 34.2	1.315	2.153	19.1	20.9
9 18	1 43.75	+13 5.7	1.267	2.176	14.8	20.7
9 28	1 36.47	+12 18.2	1.237	2.199	9.8	20.5
10 8	1 27.35	+11 16.1	1.231	2.222	4.3	20.3
10 18	1 17.68	+10 6.6	1.250	2.246	1.6	20.1
10 28	1 8.87	+ 8 59.1	1.296	2.269	6.7	20.5
11 7	1 2.05	+ 8 2.1	1.367	2.292	11.5	20.9
11 17	0 57.89	+ 7 21.4	1.460	2.316	15.5	21.2
71470	2000 BV_{14}		10 14.9	251.°58	2.°7/12.3	18
9 8	1 44.85	+ 0 46.4	2.383	3.220	11.6	18.5
9 18	1 40.16	+ 0 21.3	2.304	3.217	8.8	18.3
9 28	1 33.77	− 0 7.0	2.249	3.213	5.8	18.2
10 8	1 26.21	− 0 34.6	2.221	3.209	3.1	18.0
10 18	1 18.14	− 0 57.6	2.222	3.205	3.4	18.0
10 28	1 10.35	− 1 12.1	2.252	3.202	6.3	18.2
11 7	1 3.59	− 1 15.4	2.310	3.198	9.3	18.4
11 17	0 58.41	− 1 5.9	2.392	3.194	12.0	18.5
505698	2014 YO_{19}		10 14.9	164.°94	0.°8/14.4	17
9 8	1 51.68	+ 8 3.1	1.498	2.336	17.2	21.5
9 18	1 46.39	+ 7 49.9	1.427	2.339	13.3	21.3
9 28	1 38.30	+ 7 24.9	1.376	2.341	8.7	21.0
10 8	1 28.21	+ 6 51.9	1.350	2.343	3.6	20.7
10 18	1 17.27	+ 6 16.2	1.351	2.345	2.1	20.6
10 28	1 6.87	+ 5 44.5	1.379	2.346	7.2	21.0
11 7	0 58.26	+ 5 22.8	1.432	2.347	11.9	21.3
11 17	0 52.28	+ 5 15.2	1.509	2.348	16.0	21.5
97579	2000 EX_7		10 14.9	275.°58	3.°3/11.9	17
9 8	1 46.18	− 1 23.9	2.369	3.206	11.7	19.8
9 18	1 41.25	− 1 45.5	2.282	3.194	9.0	19.6
9 28	1 34.54	− 2 8.7	2.219	3.181	6.0	19.4
10 8	1 26.55	− 2 29.7	2.183	3.168	3.6	19.2
10 18	1 17.98	− 2 44.3	2.176	3.156	4.0	19.3
10 28	1 9.66	− 2 49.0	2.199	3.143	6.8	19.4
11 7	1 2.35	− 2 41.2	2.248	3.130	9.8	19.6
11 17	0 56.67	− 2 20.0	2.322	3.117	12.6	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
10988 Feinstein			10 14.9	99.°85	13.°9/ 2.7	18
9 8	1 53.03	−25 36.8	1.614	2.438	16.8	18.2
9 18	1 46.87	−27 47.5	1.604	2.464	15.0	18.1
9 28	1 38.18	−29 35.0	1.614	2.490	14.0	18.1
10 8	1 27.97	−30 48.9	1.647	2.515	14.0	18.2
10 18	1 17.47	−31 22.8	1.702	2.539	15.0	18.3
10 28	1 7.96	−31 16.0	1.778	2.562	16.4	18.5
11 7	1 0.42	−30 32.6	1.871	2.585	18.0	18.7
11 17	0 55.43	−29 19.3	1.980	2.607	19.4	18.8
467707 2008 YY_{100}			10 14.9	140.°30	2.°7/12.9	17
9 8	1 48.93	+ 5 43.7	1.422	2.273	17.3	21.8
9 18	1 44.28	+ 4 50.5	1.358	2.278	13.2	21.5
9 28	1 36.90	+ 3 45.4	1.315	2.284	8.5	21.3
10 8	1 27.61	+ 2 35.1	1.297	2.289	3.8	21.0
10 18	1 17.56	+ 1 27.9	1.305	2.294	3.8	21.0
10 28	1 8.14	+ 0 32.7	1.339	2.299	8.4	21.3
11 7	1 0.53	− 0 4.1	1.398	2.303	12.9	21.6
11 17	0 55.50	− 0 19.4	1.479	2.307	16.8	21.9
294484 2007 WZ_6			10 14.9	343.°89	0.°7/15.5	18
9 8	1 46.30	+11 14.5	1.720	2.550	15.7	20.1
9 18	1 42.02	+11 13.6	1.642	2.547	12.2	19.8
9 28	1 35.36	+11 0.2	1.584	2.545	8.1	19.6
10 8	1 26.98	+10 36.5	1.552	2.543	3.6	19.3
10 18	1 17.81	+10 6.2	1.546	2.541	1.4	19.2
10 28	1 9.03	+ 9 34.8	1.568	2.539	5.9	19.5
11 7	1 1.69	+ 9 8.2	1.616	2.538	10.3	19.7
11 17	0 56.56	+ 8 51.1	1.687	2.537	14.0	20.0
242273 2003 US_{42}			10 14.9	107.°06	0.°8/14.1	18
9 8	1 41.42	+ 9 26.4	2.408	3.233	11.9	20.5
9 18	1 37.50	+ 8 37.4	2.334	3.240	9.1	20.3
9 28	1 32.01	+ 7 38.4	2.284	3.247	5.8	20.1
10 8	1 25.46	+ 6 33.3	2.261	3.254	2.3	19.9
10 18	1 18.50	+ 5 26.8	2.267	3.260	1.6	19.9
10 28	1 11.85	+ 4 24.4	2.303	3.267	5.0	20.1
11 7	1 6.20	+ 3 31.0	2.367	3.273	8.3	20.3
11 17	1 2.04	+ 2 50.1	2.456	3.280	11.1	20.5
176212 2001 QS_{44}			10 14.9	344.°01	2.°8/12.6	18
9 8	1 42.70	+ 4 13.2	1.666	2.521	14.9	19.6
9 18	1 39.24	+ 3 25.7	1.593	2.517	11.4	19.4
9 28	1 33.52	+ 2 29.1	1.543	2.512	7.4	19.2
10 8	1 26.20	+ 1 29.2	1.517	2.509	3.6	18.9
10 18	1 18.18	+ 0 32.9	1.517	2.505	3.8	19.0
10 28	1 10.56	− 0 12.6	1.545	2.502	7.7	19.2
11 7	1 4.33	− 0 41.9	1.597	2.500	11.8	19.4
11 17	1 0.20	− 0 52.2	1.672	2.498	15.3	19.6
300522 2007 TV_{213}			10 14.9	78.°20	0.°6/14.6	18
9 8	1 51.57	+ 6 52.7	1.786	2.615	15.2	20.3
9 18	1 45.69	+ 6 58.9	1.724	2.631	11.7	20.1
9 28	1 37.52	+ 6 57.3	1.684	2.647	7.5	19.9
10 8	1 27.80	+ 6 50.6	1.670	2.662	3.1	19.7
10 18	1 17.52	+ 6 42.1	1.684	2.678	1.7	19.6
10 28	1 7.83	+ 6 36.0	1.727	2.694	6.0	19.9
11 7	0 59.71	+ 6 36.2	1.797	2.710	10.0	20.2
11 17	0 53.82	+ 6 45.2	1.891	2.725	13.4	20.4
62876 2000 UH_{90}			10 14.9	343.°37	4.°6/11.1	18
9 8	1 43.16	− 1 19.1	1.733	2.593	14.2	19.4
9 18	1 39.49	− 2 6.7	1.662	2.586	10.9	19.2
9 28	1 33.64	− 2 57.8	1.614	2.581	7.4	18.9
10 8	1 26.24	− 3 45.9	1.591	2.575	4.8	18.8
10 18	1 18.17	− 4 24.5	1.594	2.571	5.5	18.8
10 28	1 10.50	− 4 47.6	1.624	2.567	8.8	19.0
11 7	1 4.18	− 4 51.6	1.678	2.563	12.3	19.2
11 17	0 59.89	− 4 35.8	1.753	2.560	15.5	19.4
432881 2011 KW_{33}			10 14.9	103.°25	2.°0/13.2	16
9 8	1 47.48	+ 6 7.0	1.845	2.682	14.5	21.8
9 18	1 42.44	+ 5 19.4	1.788	2.700	11.0	21.6
9 28	1 35.33	+ 4 22.9	1.753	2.719	7.0	21.4
10 8	1 26.86	+ 3 22.7	1.744	2.736	3.0	21.2
10 18	1 17.95	+ 2 24.9	1.764	2.754	2.9	21.2
10 28	1 9.60	+ 1 35.8	1.812	2.771	6.6	21.5
11 7	1 2.68	+ 1 0.3	1.887	2.787	10.3	21.8
11 17	0 57.79	+ 0 40.9	1.985	2.803	13.5	22.0
106742 2000 WQ_{189}			10 14.9	284.°95	0.°5/14.6	18
9 8	1 47.55	+ 8 27.6	1.694	2.530	15.6	19.7
9 18	1 43.07	+ 8 19.2	1.611	2.522	12.1	19.5
9 28	1 36.12	+ 8 0.1	1.549	2.513	7.9	19.2
10 8	1 27.34	+ 7 33.2	1.511	2.504	3.3	18.9
10 18	1 17.69	+ 7 2.8	1.501	2.495	1.7	18.8
10 28	1 8.36	+ 6 34.7	1.518	2.487	6.5	19.1
11 7	1 0.49	+ 6 14.4	1.561	2.478	11.0	19.3
11 17	0 54.89	+ 6 6.1	1.628	2.470	14.9	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
224655 2005 YR_{280}			10 14.9	338.°16	0.°7/14.2	18
9 8	1 42.79	+ 8 34.4	2.195	3.025	12.7	20.9
9 18	1 38.77	+ 8 3.8	2.116	3.024	9.7	20.7
9 28	1 32.97	+ 7 23.6	2.060	3.023	6.3	20.5
10 8	1 25.92	+ 6 37.2	2.030	3.023	2.6	20.2
10 18	1 18.33	+ 5 49.1	2.028	3.022	1.7	20.1
10 28	1 11.06	+ 5 4.4	2.056	3.022	5.4	20.4
11 7	1 4.87	+ 4 28.0	2.111	3.021	8.9	20.6
11 17	1 0.34	+ 4 3.2	2.191	3.021	12.0	20.8
238039 2002 XG_{78}			10 14.9	332.°27	3.°3/12.6	18
9 8	1 43.33	+ 2 34.5	1.495	2.358	15.9	19.8
9 18	1 40.11	+ 2 5.2	1.415	2.342	12.3	19.5
9 28	1 34.33	+ 1 28.3	1.356	2.327	8.0	19.3
10 8	1 26.63	+ 0 49.6	1.321	2.313	4.0	19.0
10 18	1 18.00	+ 0 15.7	1.311	2.299	4.3	19.0
10 28	1 9.71	− 0 6.5	1.327	2.287	8.5	19.2
11 7	1 2.92	− 0 12.1	1.367	2.275	12.9	19.4
11 17	0 58.50	+ 0 1.5	1.428	2.264	16.9	19.6
205401 2001 ED_{11}			10 14.9	264.°94	1.°5/16.1	18
9 8	1 50.23	+12 32.8	1.933	2.744	14.9	20.5
9 18	1 45.00	+12 51.9	1.836	2.729	11.8	20.2
9 28	1 37.37	+13 0.0	1.761	2.715	8.1	20.0
10 8	1 27.89	+12 57.8	1.712	2.700	4.0	19.7
10 18	1 17.46	+12 47.1	1.691	2.685	1.8	19.5
10 28	1 7.20	+12 31.6	1.698	2.669	5.6	19.7
11 7	0 58.24	+12 16.3	1.733	2.654	9.8	20.0
11 17	0 51.42	+12 6.0	1.793	2.638	13.5	20.2
387304 2012 VF_{34}			10 14.9	67.°65	5.°1/10.7	18
9 8	1 45.85	− 2 0.7	1.666	2.523	14.8	20.7
9 18	1 41.49	− 3 1.7	1.608	2.530	11.4	20.5
9 28	1 34.88	− 4 5.4	1.572	2.537	7.8	20.4
10 8	1 26.73	− 5 4.4	1.562	2.544	5.3	20.2
10 18	1 18.02	− 5 51.5	1.578	2.551	6.1	20.3
10 28	1 9.84	− 6 20.6	1.620	2.558	9.3	20.5
11 7	1 3.17	− 6 28.5	1.687	2.565	12.7	20.7
11 17	0 58.65	− 6 14.9	1.776	2.572	15.8	21.0
171089 2005 EB_{206}			10 14.9	99.°93	2.°6/17.2	18
9 8	1 48.01	+16 40.5	1.917	2.718	15.4	20.3
9 18	1 43.10	+16 52.8	1.841	2.724	12.3	20.1
9 28	1 35.95	+16 50.1	1.785	2.731	8.6	19.9
10 8	1 27.21	+16 33.0	1.755	2.737	4.8	19.7
10 18	1 17.79	+16 4.0	1.752	2.743	2.7	19.6
10 28	1 8.78	+15 27.8	1.777	2.749	5.4	19.8
11 7	1 1.16	+14 50.3	1.830	2.755	9.1	20.0
11 17	0 55.63	+14 17.3	1.907	2.760	12.5	20.3
172319 2002 TR_{375}			10 14.9	328.°17	3.°0/12.7	18
9 8	1 45.57	+ 2 32.2	1.725	2.575	14.7	19.9
9 18	1 41.39	+ 2 1.8	1.650	2.570	11.3	19.6
9 28	1 34.91	+ 1 25.0	1.597	2.565	7.3	19.4
10 8	1 26.80	+ 0 47.1	1.569	2.560	3.7	19.2
10 18	1 17.97	+ 0 13.7	1.569	2.556	3.9	19.2
10 28	1 9.53	− 0 9.2	1.595	2.552	7.6	19.4
11 7	1 2.49	− 0 17.6	1.647	2.548	11.6	19.6
11 17	0 57.57	− 0 9.4	1.721	2.544	15.1	19.8
374869 2006 VQ_{81}			10 14.9	340.°23	2.°5/16.9	18
9 8	1 42.90	+17 27.0	1.290	2.126	19.6	20.7
9 18	1 40.22	+17 7.4	1.215	2.120	15.6	20.4
9 28	1 34.60	+16 22.7	1.159	2.115	10.9	20.1
10 8	1 26.79	+15 15.0	1.124	2.111	5.8	19.8
10 18	1 17.96	+13 50.2	1.113	2.107	2.6	19.6
10 28	1 9.62	+12 18.6	1.128	2.104	6.9	19.9
11 7	1 3.11	+10 52.2	1.166	2.101	12.1	20.2
11 17	0 59.34	+ 9 40.8	1.226	2.099	16.7	20.4
52285 Kakurinji			10 15.0	24.°46	3.°1/13.0	18
9 8	1 42.50	+ 5 34.2	0.986	1.871	20.5	17.8
9 18	1 40.04	+ 4 48.9	0.946	1.884	15.5	17.6
9 28	1 34.39	+ 3 50.6	0.923	1.899	9.9	17.4
10 8	1 26.61	+ 2 48.0	0.922	1.916	4.4	17.1
10 18	1 18.12	+ 1 51.4	0.942	1.934	4.3	17.2
10 28	1 10.56	+ 1 10.4	0.986	1.953	9.5	17.5
11 7	1 5.21	+ 0 51.3	1.052	1.974	14.5	17.9
11 17	1 2.78	+ 0 55.9	1.136	1.995	18.7	18.2
296399 2009 FJ_{74}			10 15.0	203.°58	3.°9/10.9	18
9 8	1 44.95	− 1 25.6	2.246	3.089	12.0	21.1
9 18	1 40.35	− 2 18.4	2.171	3.086	9.2	20.9
9 28	1 33.96	− 3 14.1	2.120	3.083	6.2	20.8
10 8	1 26.34	− 4 7.5	2.097	3.079	4.1	20.6
10 18	1 18.20	− 4 53.1	2.102	3.075	4.8	20.7
10 28	1 10.37	− 5 25.9	2.135	3.071	7.5	20.8
11 7	1 3.63	− 5 42.7	2.195	3.066	10.4	21.0
11 17	0 58.56	− 5 42.3	2.278	3.061	13.1	21.2