278668 2008 RS_{87} 5 2.9 129°.53 0°.4/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.11	−15 57.7	3.668	4.521	7.3	21.2
4 11	14 53.60	−15 18.7	3.600	4.532	5.2	21.1
4 21	14 48.21	−14 35.2	3.559	4.543	2.9	20.9
5 1	14 42.34	−13 49.4	3.547	4.554	0.5	20.7
5 11	14 36.46	−13 3.7	3.566	4.565	2.2	20.9
5 21	14 30.99	−12 20.8	3.615	4.575	4.5	21.1
5 31	14 26.33	−11 43.0	3.692	4.585	6.7	21.2
6 10	14 22.75	−11 12.0	3.793	4.595	8.6	21.4

289710 2005 HX_{6} 5 2.9 341°.68 1°.6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.76	−15 28.6	1.340	2.226	15.4	20.5
4 11	14 58.31	−14 31.4	1.273	2.222	11.1	20.2
4 21	14 51.37	−13 22.0	1.228	2.218	6.1	20.0
5 1	14 42.90	−12 6.3	1.208	2.214	1.7	19.7
5 11	14 34.22	−10 52.7	1.212	2.211	5.2	19.9
5 21	14 26.59	− 9 49.2	1.241	2.209	10.3	20.1
5 31	14 21.06	− 9 2.3	1.292	2.206	14.9	20.4
6 10	14 18.28	− 8 35.6	1.361	2.205	18.8	20.6

73347 2002 JS_{123} 5 2.9 113°.70 5°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.89	− 5 1.1	1.540	2.421	14.1	19.1
4 11	15 0.83	− 4 11.1	1.486	2.428	10.3	18.8
4 21	14 52.57	− 3 23.0	1.455	2.436	6.7	18.7
5 1	14 43.08	− 2 43.0	1.450	2.443	5.2	18.6
5 11	14 33.55	− 2 16.7	1.470	2.450	7.4	18.7
5 21	14 25.07	− 2 7.6	1.516	2.457	11.1	18.9
5 31	14 18.54	− 2 17.3	1.584	2.463	14.7	19.2
6 10	14 14.51	− 2 44.9	1.671	2.470	17.7	19.4

62705 2000 TY_{36} 5 2.9 314°.49 0°.7/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.99	−15 26.1	2.067	2.934	11.6	19.5
4 11	14 57.08	−14 59.4	1.990	2.929	8.3	19.3
4 21	14 50.43	−14 25.7	1.937	2.923	4.6	19.1
5 1	14 42.74	−13 47.9	1.911	2.918	0.9	18.8
5 11	14 34.87	−13 9.8	1.913	2.913	3.5	19.0
5 21	14 27.68	−12 35.6	1.943	2.908	7.3	19.2
5 31	14 21.91	−12 9.2	1.997	2.903	10.8	19.4
6 10	14 18.07	−11 53.4	2.073	2.898	13.8	19.6

341271 2007 RL_{271} 5 2.9 9°.39 2°.7/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.37	− 7 41.2	1.809	2.683	12.6	19.5
4 11	15 0.33	− 7 47.3	1.743	2.684	9.1	19.3
4 21	14 52.30	− 7 54.5	1.700	2.685	5.4	19.0
5 1	14 43.06	− 8 5.3	1.685	2.687	2.8	18.9
5 11	14 33.65	− 8 22.3	1.697	2.690	5.0	19.0
5 21	14 25.07	− 8 47.0	1.735	2.692	8.7	19.2
5 31	14 18.18	− 9 20.5	1.799	2.696	12.3	19.5
6 10	14 13.54	−10 3.2	1.883	2.699	15.4	19.7

352041 2006 VU_{97} 5 2.9 196°.07 1°.5/ 4.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.91	−22 24.8	2.709	3.546	10.1	22.7
4 11	14 57.42	−22 11.6	2.625	3.544	7.5	22.5
4 21	14 50.51	−21 48.8	2.566	3.541	4.6	22.3
5 1	14 42.75	−21 17.6	2.535	3.538	1.9	22.1
5 11	14 34.86	−20 40.6	2.534	3.535	2.6	22.1
5 21	14 27.52	−20 1.0	2.562	3.531	5.6	22.3
5 31	14 21.35	−19 22.5	2.617	3.527	8.4	22.5
6 10	14 16.81	−18 48.8	2.696	3.523	11.0	22.7

34754 2001 QG_{111} 5 2.9 147°.89 1°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.64	−21 47.4	2.053	2.900	12.5	18.5
4 11	14 59.63	−21 11.9	1.983	2.909	9.2	18.3
4 21	14 51.80	−20 23.8	1.937	2.917	5.4	18.1
5 1	14 42.96	−19 25.5	1.919	2.924	1.7	17.9
5 11	14 34.07	−18 21.7	1.929	2.931	3.1	18.0
5 21	14 26.03	−17 17.8	1.968	2.937	6.9	18.2
5 31	14 19.59	−16 19.4	2.033	2.943	10.5	18.4
6 10	14 15.25	−15 31.0	2.120	2.949	13.5	18.7

183689 2003 YV_{17} 5 2.9 196°.71 1°.0/ 2.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.98	−14 42.6	1.982	2.844	12.2	21.7
4 11	15 0.70	−14 9.6	1.905	2.841	8.8	21.5
4 21	14 52.48	−13 29.3	1.852	2.838	4.9	21.2
5 1	14 43.10	−12 44.9	1.827	2.834	1.2	20.9
5 11	14 33.53	−12 1.0	1.831	2.829	3.9	21.1
5 21	14 24.73	−11 22.0	1.863	2.823	8.0	21.4
5 31	14 17.54	−10 52.3	1.919	2.817	11.6	21.6
6 10	14 12.51	−10 34.6	1.998	2.810	14.8	21.8

150857 2001 SF_{120} 5 2.9 193°.70 4°.6/ 6.3 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.53	−29 38.3	2.086	2.900	13.5	21.0
4 11	15 2.00	−29 55.3	2.003	2.899	10.7	20.8
4 21	14 53.30	−29 56.0	1.942	2.897	7.6	20.6
5 1	14 43.24	−29 39.2	1.908	2.894	5.1	20.4
5 11	14 32.91	−29 6.5	1.902	2.891	5.0	20.4
5 21	14 23.39	−28 21.9	1.923	2.887	7.5	20.6
5 31	14 15.60	−27 31.6	1.969	2.883	10.6	20.7
6 10	14 10.18	−26 41.9	2.039	2.879	13.5	20.9

409762 2006 DA_{100} 5 2.9 313°.99 5°.4/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.57	−25 14.2	1.225	2.088	18.1	21.0
4 11	15 2.67	−26 5.9	1.142	2.070	14.2	20.7
4 21	14 54.34	−26 41.7	1.079	2.052	9.8	20.4
5 1	14 43.51	−26 57.7	1.038	2.034	6.0	20.1
5 11	14 31.77	−26 53.6	1.020	2.017	6.5	20.1
5 21	14 20.97	−26 33.2	1.025	2.000	10.8	20.2
5 31	14 12.76	−26 4.6	1.051	1.984	15.7	20.5
6 10	14 8.23	−25 36.9	1.095	1.969	20.2	20.7

303879 2005 TV_{41} 5 2.9 260°.87 1°.9/ 4.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.12	−24 19.8	2.415	3.253	11.2	20.9
4 11	14 57.08	−23 53.2	2.322	3.240	8.4	20.7
4 21	14 50.42	−23 13.8	2.254	3.227	5.3	20.4
5 1	14 42.77	−22 22.8	2.213	3.214	2.4	20.2
5 11	14 34.92	−21 23.8	2.200	3.201	3.0	20.2
5 21	14 27.66	−20 21.0	2.216	3.188	6.2	20.4
5 31	14 21.69	−19 19.7	2.259	3.174	9.4	20.6
6 10	14 17.53	−18 24.7	2.325	3.160	12.2	20.8

97299 1999 XB_{181} 5 2.9 103°.79 3°.4/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.13	−26 48.7	2.137	2.963	12.8	19.3
4 11	15 0.69	−26 54.4	2.073	2.981	9.8	19.1
4 21	14 52.41	−26 45.8	2.034	2.998	6.6	18.9
5 1	14 43.10	−26 23.1	2.021	3.015	3.8	18.8
5 11	14 33.74	−25 48.9	2.036	3.032	4.0	18.8
5 21	14 25.27	−25 7.6	2.079	3.048	6.7	19.0
5 31	14 18.46	−24 24.4	2.149	3.064	9.8	19.2
6 10	14 13.80	−23 44.5	2.241	3.079	12.5	19.4

191087 2002 CK_{281} 5 2.9 324°.43 5°.4/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.91	− 4 31.9	1.645	2.529	13.1	20.0
4 11	14 58.00	− 3 30.3	1.581	2.524	9.7	19.7
4 21	14 51.05	− 2 29.7	1.540	2.519	6.5	19.5
5 1	14 42.88	− 1 36.8	1.524	2.515	5.4	19.5
5 11	14 34.55	− 0 57.9	1.535	2.511	7.6	19.6
5 21	14 27.07	− 0 37.2	1.570	2.507	11.1	19.8
5 31	14 21.30	− 0 36.8	1.627	2.503	14.6	20.0
6 10	14 17.81	− 0 56.1	1.703	2.499	17.6	20.2

10070 Liuzongli 5 2.9 22°.67 1°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.19	−20 23.8	1.178	2.056	17.6	17.1
4 11	15 1.13	−20 23.7	1.118	2.060	13.0	16.9
4 21	14 53.10	−20 8.1	1.079	2.064	7.7	16.6
5 1	14 43.24	−19 38.6	1.063	2.069	2.5	16.3
5 11	14 33.16	−19 0.4	1.071	2.074	4.5	16.4
5 21	14 24.39	−18 20.5	1.102	2.080	9.9	16.7
5 31	14 18.18	−17 46.4	1.154	2.086	14.8	17.0
6 10	14 15.19	−17 24.0	1.225	2.093	19.0	17.3

54406 2000 LR_{4} 5 2.9 202°.83 3°.7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.99	− 8 22.2	1.826	2.703	12.4	18.5
4 11	14 58.61	− 7 20.4	1.758	2.701	8.9	18.3
4 21	14 51.33	− 6 15.8	1.715	2.699	5.5	18.1
5 1	14 42.94	− 5 14.2	1.699	2.697	3.8	18.0
5 11	14 34.41	− 4 21.5	1.710	2.694	6.1	18.1
5 21	14 26.69	− 3 42.5	1.747	2.692	9.7	18.3
5 31	14 20.58	− 3 20.4	1.808	2.689	13.1	18.5
6 10	14 16.61	− 3 16.1	1.889	2.685	16.1	18.7

416700 2005 AR_{34} 5 2.9 103°.91 9°.1/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.66	+ 9 14.0	1.966	2.822	12.6	20.5
4 11	14 58.15	+10 26.2	1.920	2.826	10.5	20.3
4 21	14 50.97	+11 25.2	1.898	2.830	9.3	20.3
5 1	14 42.87	+12 4.2	1.901	2.835	9.4	20.3
5 11	14 34.74	+12 19.2	1.928	2.839	10.7	20.4
5 21	14 27.43	+12 8.9	1.979	2.843	12.8	20.5
5 31	14 21.64	+11 34.4	2.051	2.847	14.9	20.7
6 10	14 17.81	+10 39.3	2.140	2.850	16.9	20.8

499276 2009 VH_{66} 5 3.0 179°.68 1°.9/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.84	−23 17.0	1.902	2.750	13.3	21.4
4 11	14 59.30	−22 53.6	1.827	2.751	9.9	21.1
4 21	14 51.75	−22 15.8	1.774	2.751	6.1	20.9
5 1	14 43.01	−21 25.5	1.748	2.751	2.5	20.7
5 11	14 34.12	−20 26.7	1.750	2.751	3.4	20.7
5 21	14 26.08	−19 25.3	1.779	2.751	7.3	21.0
5 31	14 19.73	−18 27.3	1.833	2.751	11.0	21.2
6 10	14 15.63	−17 38.2	1.909	2.750	14.3	21.4

111798 2002 CW_{242} 5 3.0 90°.91 6°.0/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.23	+ 1 15.8	2.366	3.236	10.2	19.8
4 11	14 55.46	+ 2 42.0	2.319	3.247	7.9	19.6
4 21	14 49.39	+ 4 2.8	2.298	3.257	6.3	19.6
5 1	14 42.60	+ 5 12.4	2.304	3.267	6.2	19.6
5 11	14 35.82	+ 6 6.0	2.338	3.278	7.7	19.7
5 21	14 29.68	+ 6 41.1	2.397	3.288	9.8	19.8
5 31	14 24.74	+ 6 56.6	2.479	3.298	12.0	20.0
6 10	14 21.37	+ 6 53.6	2.580	3.308	13.9	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
469040 2015 AE_{253}			5 3.0 310°.36	2°.8/ 1.3 17		
	h m	° ′			°	m
4 1	15 4.64	−10 11.5	1.623	2.503	13.5	21.0
4 11	14 59.36	− 9 40.1	1.552	2.497	9.7	20.8
4 21	14 51.88	− 9 5.2	1.504	2.491	5.6	20.5
5 1	14 43.06	− 8 31.4	1.482	2.486	2.8	20.3
5 11	14 34.01	− 8 3.6	1.487	2.480	5.5	20.5
5 21	14 25.81	− 7 46.2	1.517	2.475	9.7	20.7
5 31	14 19.42	− 7 42.4	1.570	2.470	13.6	20.9
6 10	14 15.44	− 7 53.6	1.643	2.465	17.0	21.1
353593 2011 TZ_{10}			5 3.0 194°.31	2°.0/ 1.0 18		
4 1	15 1.63	−10 21.6	2.689	3.554	9.3	21.6
4 11	14 56.45	− 9 42.3	2.614	3.552	6.6	21.4
4 21	14 49.96	− 9 0.4	2.565	3.550	3.8	21.3
5 1	14 42.72	− 8 18.9	2.545	3.547	2.0	21.1
5 11	14 35.39	− 7 41.2	2.554	3.544	3.8	21.2
5 21	14 28.59	− 7 10.5	2.592	3.541	6.7	21.4
5 31	14 22.87	− 6 49.1	2.656	3.537	9.4	21.6
6 10	14 18.65	− 6 38.4	2.743	3.533	11.7	21.7
414396 2009 AU_{44}			5 3.0	8°.92	5°.7/29.6 17	
4 1	15 4.50	− 5 59.7	1.285	2.177	15.4	20.8
4 11	14 59.54	− 4 53.9	1.229	2.177	11.3	20.5
4 21	14 52.06	− 3 48.0	1.195	2.178	7.3	20.3
5 1	14 43.09	− 2 50.2	1.184	2.179	5.7	20.2
5 11	14 33.98	− 2 8.2	1.198	2.180	8.4	20.4
5 21	14 26.00	− 1 47.4	1.235	2.182	12.5	20.6
5 31	14 20.19	− 1 50.0	1.293	2.184	16.6	20.8
6 10	14 17.15	− 2 14.9	1.368	2.186	20.0	21.1
379978 2012 TH_{52}			5 3.0 310°.57	0°.8/ 4.1 18		
4 1	14 55.97	−20 41.9	4.284	5.124	6.6	21.1
4 11	14 52.10	−20 28.6	4.198	5.120	4.9	21.0
4 21	14 47.43	−20 10.1	4.139	5.117	2.9	20.8
5 1	14 42.29	−19 47.3	4.109	5.114	1.0	20.7
5 11	14 37.09	−19 21.8	4.109	5.111	1.7	20.7
5 21	14 32.19	−18 55.4	4.139	5.107	3.7	20.9
5 31	14 27.95	−18 30.1	4.196	5.104	5.6	21.0
6 10	14 24.63	−18 7.7	4.278	5.101	7.3	21.1
68461 2001 SO_{107}			5 3.0 269°.82	3°.8/ 5.8 18		
4 1	15 5.62	−27 21.0	2.245	3.069	12.4	18.7
4 11	14 59.84	−27 43.1	2.155	3.059	9.6	18.5
4 21	14 52.11	−27 52.2	2.088	3.049	6.7	18.3
5 1	14 43.12	−27 47.3	2.048	3.039	4.3	18.2
5 11	14 33.79	−27 29.7	2.036	3.028	4.3	18.1
5 21	14 25.09	−27 2.4	2.051	3.018	6.9	18.3
5 31	14 17.87	−26 30.0	2.092	3.008	10.0	18.4
6 10	14 12.76	−25 57.9	2.156	2.997	12.8	18.6
62716 2000 TS_{44}			5 3.0 143°.24	1°.5/ 1.8 18		
4 1	15 3.43	−11 38.1	2.468	3.331	10.1	19.7
4 11	14 57.80	−11 20.7	2.399	3.336	7.2	19.5
4 21	14 50.75	−11 0.4	2.355	3.341	4.0	19.3
5 1	14 42.87	−10 39.8	2.341	3.346	1.5	19.2
5 11	14 34.90	−10 21.6	2.355	3.350	3.5	19.3
5 21	14 27.55	−10 8.5	2.397	3.354	6.7	19.5
5 31	14 21.43	−10 2.8	2.466	3.358	9.6	19.7
6 10	14 16.98	−10 5.8	2.557	3.362	12.1	19.9
498190 2007 TS_{316}			5 3.0 121°.31	1°.1/ 2.1 17		
4 1	15 3.53	−13 40.0	2.179	3.044	11.1	21.8
4 11	14 58.04	−13 15.2	2.111	3.050	7.9	21.6
4 21	14 50.94	−12 45.4	2.069	3.055	4.4	21.4
5 1	14 42.90	−12 13.5	2.054	3.060	1.2	21.2
5 11	14 34.79	−11 43.0	2.068	3.065	3.6	21.4
5 21	14 27.38	−11 17.5	2.109	3.070	7.1	21.6
5 31	14 21.36	−11 0.1	2.176	3.075	10.4	21.8
6 10	14 17.21	−10 52.7	2.265	3.080	13.2	22.0
28208 Timtrippel			5 3.0	54°.55	1°.9/ 4.0 18	
4 1	15 8.26	−20 21.6	1.413	2.279	16.0	17.6
4 11	15 2.08	−20 31.6	1.364	2.298	11.7	17.4
4 21	14 53.39	−20 28.7	1.336	2.318	7.0	17.2
5 1	14 43.32	−20 14.1	1.333	2.338	2.4	16.9
5 11	14 33.25	−19 51.6	1.356	2.359	4.0	17.1
5 21	14 24.48	−19 26.4	1.405	2.379	8.6	17.4
5 31	14 17.98	−19 4.3	1.476	2.400	12.8	17.7
6 10	14 14.29	−18 49.8	1.568	2.421	16.3	18.0
120666 1996 XL_{4}			5 3.0 215°.80	3°.0/ 5.8 18		
4 1	15 6.28	−27 51.9	2.550	3.365	11.3	21.2
4 11	15 0.05	−27 36.8	2.454	3.355	8.8	21.0
4 21	14 52.11	−27 7.4	2.383	3.344	6.0	20.8
5 1	14 43.12	−26 24.2	2.339	3.332	3.5	20.6
5 11	14 33.91	−25 29.5	2.325	3.320	3.5	20.6
5 21	14 25.33	−24 27.6	2.339	3.307	6.1	20.7
5 31	14 18.11	−23 23.6	2.382	3.293	9.1	20.9
6 10	14 12.77	−22 23.0	2.448	3.278	11.8	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
173960 2001 XG_{32}			5 3.0 110°.81	0°.0/ 3.1 17		
	h m	° ′			°	m
4 1	15 3.04	−17 28.4	2.389	3.245	10.6	21.4
4 11	14 57.56	−17 6.0	2.323	3.256	7.7	21.2
4 21	14 50.62	−16 36.4	2.283	3.267	4.3	21.0
5 1	14 42.85	−16 1.9	2.270	3.277	0.7	20.8
5 11	14 35.04	−15 25.7	2.287	3.288	2.8	21.0
5 21	14 27.90	−14 51.4	2.332	3.298	6.2	21.2
5 31	14 22.07	−14 22.4	2.403	3.308	9.3	21.4
6 10	14 17.98	−14 1.4	2.497	3.318	11.9	21.6
173868 2001 TM_{212}			5 3.0 132°.35	4°.6/ 7.2 18		
4 1	15 6.94	−32 22.2	2.678	3.469	11.5	21.1
4 11	15 0.45	−32 45.2	2.604	3.481	9.2	21.0
4 21	14 52.30	−32 53.8	2.554	3.492	6.9	20.9
5 1	14 43.16	−32 47.0	2.530	3.503	5.1	20.8
5 11	14 33.88	−32 26.0	2.535	3.513	4.8	20.8
5 21	14 25.30	−31 53.6	2.567	3.523	6.3	20.9
5 31	14 18.11	−31 14.4	2.627	3.533	8.6	21.0
6 10	14 12.82	−30 33.2	2.710	3.542	10.8	21.2
429561 2011 CX_{85}			5 3.0 96°.49	6°.4/27.9 17		
4 1	15 3.68	− 1 32.6	1.762	2.640	12.7	21.0
4 11	14 58.29	− 0 7.6	1.715	2.652	9.6	20.8
4 21	14 51.10	+ 1 13.0	1.693	2.663	7.0	20.7
5 1	14 42.95	+ 2 21.7	1.696	2.674	6.5	20.7
5 11	14 34.81	+ 3 12.4	1.727	2.685	8.5	20.8
5 21	14 27.58	+ 3 41.6	1.781	2.696	11.3	21.0
5 31	14 22.01	+ 3 48.2	1.858	2.707	14.2	21.2
6 10	14 18.53	+ 3 33.9	1.954	2.718	16.7	21.4
228334 2000 SK_{28}			5 3.0 151°.50	0°.5/ 3.5 17	R	
4 1	15 4.53	−20 34.0	2.150	3.000	11.9	20.7
4 11	14 58.78	−19 43.7	2.079	3.007	8.6	20.5
4 21	14 51.36	−18 41.5	2.032	3.014	5.0	20.3
5 1	14 43.00	−17 30.8	2.014	3.020	1.1	20.0
5 11	14 34.59	−16 16.5	2.025	3.026	3.0	20.1
5 21	14 26.99	−15 4.3	2.064	3.032	6.8	20.4
5 31	14 20.88	−13 59.6	2.130	3.036	10.2	20.6
6 10	14 16.72	−13 6.5	2.218	3.041	13.2	20.8
312824 2011 SN_{123}			5 3.0 100°.86	0°.6/ 3.6 18		
4 1	15 3.65	−18 44.1	2.474	3.325	10.5	20.7
4 11	14 57.98	−18 36.7	2.409	3.337	7.6	20.6
4 21	14 50.86	−18 21.9	2.369	3.350	4.4	20.4
5 1	14 42.92	−18 1.2	2.357	3.363	1.1	20.2
5 11	14 34.92	−17 37.4	2.374	3.375	2.6	20.3
5 21	14 27.59	−17 13.3	2.419	3.387	5.9	20.5
5 31	14 21.55	−16 52.3	2.491	3.399	8.9	20.7
6 10	14 17.21	−16 37.1	2.586	3.411	11.4	20.9
31182 1997 YZ_{3}			5 3.0 235°.95	19°.9/20.4 18	R	
4 1	15 14.03	+25 51.6	1.217	2.029	21.4	17.8
4 11	15 6.67	+27 35.1	1.182	2.024	20.3	17.7
4 21	14 56.15	+28 40.5	1.163	2.018	19.9	17.6
5 1	14 43.83	+28 55.3	1.162	2.012	20.4	17.7
5 11	14 31.47	+28 14.1	1.177	2.005	21.7	17.7
5 21	14 20.71	+26 39.8	1.207	1.998	23.4	17.8
5 31	14 12.77	+24 20.8	1.252	1.991	25.4	17.9
6 10	14 8.23	+21 28.8	1.309	1.984	27.2	18.1
41902 2000 WA_{128}			5 3.0 58°.00	0°.8/ 2.4 18		
4 1	15 2.24	−14 40.9	2.162	3.029	11.2	18.9
4 11	14 57.11	−14 15.6	2.100	3.039	8.0	18.7
4 21	14 50.42	−13 44.6	2.062	3.049	4.4	18.5
5 1	14 42.85	−13 10.8	2.052	3.059	1.0	18.2
5 11	14 35.23	−12 38.0	2.070	3.069	3.4	18.4
5 21	14 28.33	−12 9.6	2.116	3.080	6.9	18.7
5 31	14 22.81	−11 48.8	2.187	3.090	10.2	18.9
6 10	14 19.13	−11 37.9	2.280	3.101	12.9	19.1
496308 2013 FT_{11}			5 3.0 34°.49	1°.9/ 2.2 17		
4 1	15 8.13	−11 59.5	1.164	2.053	17.0	21.0
4 11	15 2.42	−11 55.9	1.111	2.060	12.2	20.7
4 21	14 53.80	−11 47.7	1.078	2.067	6.9	20.5
5 1	14 43.45	−11 38.5	1.068	2.075	2.0	20.2
5 11	14 32.95	−11 33.0	1.083	2.083	5.5	20.4
5 21	14 23.80	−11 35.2	1.122	2.092	10.8	20.7
5 31	14 17.19	−11 48.7	1.181	2.101	15.6	21.0
6 10	14 13.74	−12 14.8	1.259	2.111	19.5	21.3
95078 2002 AP_{76}			5 3.0 249°.87	3°.5/ 5.1 18		
4 1	15 8.87	−24 57.5	1.596	2.442	15.5	19.8
4 11	15 2.84	−25 5.2	1.509	2.429	11.9	19.5
4 21	14 54.10	−24 56.3	1.444	2.416	7.8	19.3
5 1	14 43.53	−24 30.1	1.404	2.403	4.1	19.0
5 11	14 32.47	−23 49.1	1.390	2.389	4.6	19.0
5 21	14 22.28	−22 58.8	1.402	2.375	8.8	19.2
5 31	14 14.20	−22 6.9	1.438	2.361	13.1	19.4
6 10	14 9.01	−21 20.8	1.495	2.346	17.0	19.6

122245 2000 OS_{21} 5 3.0 314°.26 18°.7/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.71	+22 6.3	1.236	2.079	19.2	18.8
4 11	14 57.91	+25 1.0	1.196	2.059	18.7	18.7
4 21	14 51.36	+27 25.4	1.175	2.039	19.1	18.7
5 1	14 43.06	+29 4.3	1.172	2.020	20.3	18.7
5 11	14 34.42	+29 48.9	1.184	2.002	22.2	18.7
5 21	14 26.86	+29 37.9	1.211	1.984	24.3	18.8
5 31	14 21.55	+28 35.8	1.248	1.967	26.4	18.9
6 10	14 19.18	+26 51.1	1.294	1.950	28.2	19.1

109255 2001 QB_{105} 5 3.0 178°.68 0°.2/ 3.2 17

4 1	15 6.79	−17 38.4	2.506	3.352	10.5	20.7
4 11	15 0.27	−17 23.5	2.427	3.355	7.6	20.5
4 21	14 52.19	−17 1.4	2.374	3.356	4.3	20.3
5 1	14 43.18	−16 33.8	2.350	3.357	0.8	20.0
5 11	14 34.04	−16 3.5	2.356	3.357	2.8	20.2
5 21	14 25.54	−15 33.7	2.392	3.356	6.2	20.4
5 31	14 18.35	−15 8.0	2.455	3.355	9.3	20.6
6 10	14 12.95	−14 49.1	2.541	3.352	12.0	20.8

518399 2017 VM_{23} 5 3.0 346°.88 2°.4/ 4.7 17

4 1	15 0.80	−23 54.9	1.492	2.356	15.3	20.0
4 11	14 56.92	−23 28.9	1.416	2.349	11.6	19.7
4 21	14 50.67	−22 44.3	1.362	2.342	7.2	19.4
5 1	14 42.94	−21 43.2	1.333	2.336	3.0	19.2
5 11	14 34.95	−20 31.3	1.328	2.331	4.0	19.2
5 21	14 27.91	−19 16.1	1.348	2.326	8.5	19.5
5 31	14 22.83	−18 5.9	1.392	2.323	12.8	19.7
6 10	14 20.35	−17 7.7	1.456	2.320	16.7	19.9

147815 2005 SK_{118} 5 3.0 240°.54 2°.3/30.7 18

4 1	15 1.49	− 9 21.9	2.721	3.586	9.2	20.3
4 11	14 56.42	− 8 39.0	2.635	3.573	6.6	20.1
4 21	14 50.02	− 7 53.7	2.575	3.559	3.9	19.9
5 1	14 42.81	− 7 9.1	2.544	3.544	2.3	19.7
5 11	14 35.45	− 6 28.8	2.543	3.530	4.1	19.8
5 21	14 28.55	− 5 56.0	2.569	3.514	6.9	20.0
5 31	14 22.70	− 5 33.3	2.622	3.499	9.6	20.1
6 10	14 18.32	− 5 22.1	2.698	3.483	12.0	20.3

464544 2016 CW_{32} 5 3.0 29°.19 4°.5/ 5.6 17

4 1	15 7.19	−26 26.6	1.357	2.211	17.2	20.6
4 11	15 1.77	−26 41.9	1.292	2.214	13.3	20.4
4 21	14 53.49	−26 37.2	1.246	2.217	8.9	20.1
5 1	14 43.43	−26 12.0	1.224	2.221	5.1	19.9
5 11	14 33.09	−25 29.5	1.227	2.225	5.3	19.9
5 21	14 23.97	−24 36.5	1.253	2.229	9.3	20.1
5 31	14 17.27	−23 41.6	1.303	2.233	13.6	20.4
6 10	14 13.67	−22 53.0	1.372	2.238	17.4	20.7

6098 Mutojunkyu 5 3.0 231°.13 3°.1/ 5.1 18

4 1	15 9.82	−25 12.9	1.821	2.658	14.3	18.3
4 11	15 3.26	−25 10.6	1.729	2.644	10.9	18.1
4 21	14 54.23	−24 52.3	1.659	2.630	7.1	17.8
5 1	14 43.57	−24 17.7	1.616	2.615	3.7	17.6
5 11	14 32.46	−23 29.4	1.600	2.599	4.2	17.6
5 21	14 22.15	−22 32.9	1.612	2.582	8.1	17.8
5 31	14 13.73	−21 35.2	1.649	2.565	12.1	18.0
6 10	14 7.93	−20 43.3	1.707	2.546	15.8	18.2

475718 2006 WJ_{10} 5 3.0 212°.56 0°.5/ 2.5 16

4 1	15 1.66	−16 8.1	2.749	3.605	9.4	22.6
4 11	14 56.51	−15 27.1	2.665	3.598	6.7	22.4
4 21	14 50.05	−14 39.5	2.607	3.592	3.7	22.2
5 1	14 42.82	−13 47.8	2.578	3.584	0.7	22.0
5 11	14 35.46	−12 55.6	2.578	3.577	2.8	22.1
5 21	14 28.62	−12 6.6	2.608	3.569	6.0	22.3
5 31	14 22.86	−11 24.2	2.664	3.560	8.8	22.5
6 10	14 18.61	−10 51.1	2.744	3.552	11.3	22.6

520360 2014 GP_{64} 5 3.0 321°.24 2°.8/ 5.5 16

4 1	15 1.54	−26 5.0	2.138	2.976	12.4	21.5
4 11	14 56.89	−25 48.7	2.052	2.967	9.5	21.2
4 21	14 50.45	−25 17.7	1.989	2.959	6.2	21.0
5 1	14 42.90	−24 32.8	1.952	2.950	3.3	20.8
5 11	14 35.15	−23 37.3	1.943	2.942	3.6	20.8
5 21	14 28.07	−22 36.1	1.962	2.935	6.7	21.0
5 31	14 22.46	−21 35.0	2.006	2.927	10.0	21.2
6 10	14 18.84	−20 39.4	2.072	2.920	13.0	21.4

45139 1999 XP_{97} 5 3.0 300°.04 2°.7/ 1.4 18

4 1	15 5.67	− 8 55.8	1.782	2.656	12.7	17.6
4 11	15 0.06	− 8 44.2	1.701	2.643	9.2	17.4
4 21	14 52.33	− 8 31.4	1.645	2.630	5.4	17.1
5 1	14 43.24	− 8 21.0	1.614	2.617	2.7	16.9
5 11	14 33.82	− 8 16.4	1.611	2.604	5.2	17.0
5 21	14 25.11	− 8 20.7	1.635	2.592	9.2	17.2
5 31	14 18.06	− 8 36.2	1.682	2.579	13.0	17.4
6 10	14 13.31	− 9 3.8	1.749	2.567	16.3	17.6

89660 2001 YC_3 5 3.0 260°.07 4°.0/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.75	−26 37.3	1.618	2.458	15.6	19.3
4 11	15 2.85	−26 39.4	1.523	2.439	12.1	19.0
4 21	14 54.17	−26 22.9	1.450	2.419	8.2	18.7
5 1	14 43.59	−25 46.5	1.402	2.399	4.6	18.4
5 11	14 32.41	−24 52.8	1.380	2.378	4.9	18.4
5 21	14 22.05	−23 47.8	1.384	2.357	8.9	18.6
5 31	14 13.77	−22 39.9	1.413	2.335	13.3	18.8
6 10	14 8.41	−21 37.7	1.461	2.313	17.3	19.0

55733 Lepsius 5 3.0 178°.03 2°.1/ 1.4 18

4 1	15 4.72	− 9 11.7	2.454	3.318	10.1	19.2
4 11	14 58.78	− 8 56.3	2.382	3.319	7.3	19.0
4 21	14 51.35	− 8 39.7	2.336	3.320	4.2	18.8
5 1	14 43.06	− 8 24.5	2.318	3.320	2.1	18.7
5 11	14 34.64	− 8 13.5	2.329	3.320	4.0	18.8
5 21	14 26.84	− 8 9.0	2.369	3.320	7.1	19.0
5 31	14 20.28	− 8 12.9	2.435	3.320	10.0	19.2
6 10	14 15.41	− 8 26.0	2.523	3.319	12.5	19.4

423573 2005 VH_{12} 5 3.0 226°.10 1°.0/ 3.8 17

4 1	15 5.90	−19 58.2	1.921	2.776	12.9	22.3
4 11	15 0.14	−19 42.6	1.840	2.770	9.5	22.1
4 21	14 52.33	−19 15.7	1.782	2.763	5.6	21.8
5 1	14 43.24	−18 39.5	1.751	2.756	1.6	21.5
5 11	14 33.91	−17 57.4	1.747	2.749	3.3	21.6
5 21	14 25.34	−17 14.5	1.771	2.742	7.5	21.9
5 31	14 18.41	−16 35.8	1.821	2.734	11.3	22.1
6 10	14 13.74	−16 5.8	1.892	2.726	14.6	22.3

313086 2000 TR_{67} 5 3.0 267°.54 0°.8/ 3.5 17

4 1	15 7.87	−19 23.6	1.649	2.509	14.4	21.5
4 11	15 2.07	−19 5.6	1.552	2.486	10.6	21.2
4 21	14 53.68	−18 34.5	1.478	2.461	6.3	20.9
5 1	14 43.52	−17 51.8	1.430	2.437	1.5	20.5
5 11	14 32.77	−17 1.8	1.409	2.411	3.9	20.6
5 21	14 22.72	−16 10.4	1.414	2.385	9.0	20.8
5 31	14 14.55	−15 24.5	1.444	2.358	13.6	21.0
6 10	14 9.08	−14 49.8	1.493	2.331	17.7	21.2

506520 2004 TW_6 5 3.0 230°.96 1°.3/ 1.9 18

4 1	15 5.98	−12 47.4	2.527	3.383	10.1	22.4
4 11	14 59.79	−12 23.2	2.433	3.367	7.3	22.2
4 21	14 51.99	−11 54.4	2.366	3.350	4.1	22.0
5 1	14 43.19	−11 23.6	2.327	3.333	1.3	21.7
5 11	14 34.14	−10 53.9	2.319	3.314	3.5	21.9
5 21	14 25.59	−10 28.5	2.339	3.295	6.9	22.0
5 31	14 18.25	−10 10.3	2.387	3.275	10.0	22.2
6 10	14 12.63	−10 1.6	2.457	3.255	12.8	22.4

290749 2005 UO_{485} 5 3.0 281°.96 2°.6/ 1.1 18

4 1	15 4.30	− 8 11.7	2.316	3.183	10.5	20.7
4 11	14 58.72	− 7 56.6	2.224	3.162	7.6	20.5
4 21	14 51.46	− 7 40.9	2.158	3.142	4.5	20.3
5 1	14 43.11	− 7 27.3	2.120	3.121	2.6	20.1
5 11	14 34.47	− 7 19.0	2.110	3.100	4.5	20.2
5 21	14 26.33	− 7 18.4	2.128	3.078	7.8	20.3
5 31	14 19.43	− 7 27.5	2.172	3.057	11.0	20.5
6 10	14 14.32	− 7 47.3	2.237	3.036	13.8	20.7

246157 2007 PT_{35} 5 3.0 263°.50 1°.1/ 2.4 17

4 1	15 8.04	−14 29.5	1.548	2.420	14.5	20.5
4 11	15 2.18	−14 10.3	1.462	2.403	10.5	20.2
4 21	14 53.72	−13 42.9	1.399	2.386	6.0	19.9
5 1	14 43.53	−13 10.3	1.361	2.368	1.3	19.5
5 11	14 32.83	−12 37.4	1.350	2.350	4.6	19.7
5 21	14 22.94	−12 9.3	1.365	2.331	9.7	19.9
5 31	14 15.01	−11 51.2	1.403	2.313	14.3	20.2
6 10	14 9.84	−11 46.6	1.461	2.294	18.2	20.4

154451 2003 CN_9 5 3.0 167°.58 0°.9/ 2.3 17

4 1	15 5.67	−15 29.9	2.261	3.118	11.1	21.1
4 11	14 59.55	−14 47.2	2.189	3.123	7.9	20.9
4 21	14 51.81	−13 57.3	2.143	3.128	4.4	20.7
5 1	14 43.15	−13 3.5	2.126	3.132	1.0	20.5
5 11	14 34.42	−12 10.1	2.138	3.136	3.4	20.7
5 21	14 26.42	−11 21.5	2.178	3.138	7.0	20.9
5 31	14 19.83	−10 41.7	2.245	3.140	10.3	21.1
6 10	14 15.11	−10 13.2	2.334	3.141	13.1	21.3

413338 2003 WQ_{158} 5 3.0 114°.36 0°.8/ 2.5 17

4 1	15 8.45	−14 54.9	1.702	2.568	13.7	21.5
4 11	15 1.89	−14 33.1	1.644	2.583	9.8	21.3
4 21	14 53.23	−14 4.2	1.611	2.597	5.4	21.1
5 1	14 43.41	−13 31.4	1.604	2.610	1.1	20.8
5 11	14 33.55	−12 59.0	1.624	2.624	4.0	21.0
5 21	14 24.74	−12 31.6	1.672	2.637	8.3	21.3
5 31	14 17.83	−12 13.2	1.744	2.649	12.2	21.6
6 10	14 13.33	−12 6.2	1.837	2.661	15.4	21.8

83689 2001 TL_{63} 5 3.0 42°.16 0°.2/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.10	−16 28.9	2.077	2.937	11.8	19.1
4 11	14 59.36	−16 32.9	2.006	2.940	8.6	18.9
4 21	14 51.81	−16 30.4	1.958	2.943	4.9	18.7
5 1	14 43.17	−16 23.0	1.938	2.945	0.9	18.4
5 11	14 34.38	−16 13.2	1.947	2.948	3.1	18.6
5 21	14 26.30	−16 3.9	1.983	2.951	7.0	18.9
5 31	14 19.72	−15 58.2	2.044	2.954	10.4	19.1
6 10	14 15.17	−15 58.9	2.128	2.957	13.4	19.3

142238 2002 RE_{90} 5 3.0 299°.46 1°.1/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.58	−19 19.8	1.444	2.315	15.4	20.3
4 11	15 0.72	−19 11.8	1.351	2.289	11.5	20.0
4 21	14 53.08	−18 50.5	1.279	2.264	6.8	19.6
5 1	14 43.46	−18 17.2	1.232	2.238	1.8	19.2
5 11	14 33.16	−17 35.9	1.209	2.212	4.2	19.3
5 21	14 23.59	−16 52.6	1.212	2.187	9.6	19.5
5 31	14 16.07	−16 14.5	1.237	2.161	14.6	19.8
6 10	14 11.49	−15 47.8	1.281	2.137	19.0	20.0

345615 2006 SV_{213} 5 3.0 167°.30 1°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.43	−11 38.6	2.779	3.642	9.1	21.5
4 11	14 56.26	−10 37.3	2.708	3.646	6.5	21.4
4 21	14 49.89	− 9 31.9	2.665	3.650	3.7	21.2
5 1	14 42.84	− 8 26.4	2.651	3.653	1.9	21.1
5 11	14 35.75	− 7 24.6	2.667	3.656	3.8	21.2
5 21	14 29.20	− 6 30.4	2.712	3.658	6.5	21.4
5 31	14 23.72	− 5 46.7	2.783	3.660	9.1	21.6
6 10	14 19.68	− 5 15.2	2.877	3.661	11.4	21.7

32480 2000 SG_{348} 5 3.0 250°.30 4°.7/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.28	+10 10.7	4.628	5.466	6.2	18.8
4 11	14 51.57	+10 51.6	4.569	5.460	5.3	18.7
4 21	14 47.17	+11 26.3	4.537	5.454	4.7	18.7
5 1	14 42.38	+11 52.4	4.531	5.448	4.8	18.7
5 11	14 37.55	+12 8.3	4.553	5.442	5.5	18.7
5 21	14 33.00	+12 12.9	4.600	5.436	6.5	18.8
5 31	14 29.01	+12 6.1	4.671	5.430	7.7	18.9
6 10	14 25.84	+11 48.4	4.762	5.423	8.7	19.0

423647 2005 YP_{8} 5 3.0 129°.58 1°.6/ 1.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.96	−13 33.6	2.288	3.149	10.8	22.2
4 11	14 58.91	−12 33.5	2.230	3.167	7.7	22.0
4 21	14 51.40	−11 27.8	2.198	3.183	4.3	21.8
5 1	14 43.10	−10 20.7	2.194	3.199	1.7	21.6
5 11	14 34.85	− 9 17.2	2.221	3.214	3.9	21.8
5 21	14 27.36	− 8 21.7	2.276	3.229	7.2	22.1
5 31	14 21.27	− 7 37.7	2.357	3.243	10.2	22.3
6 10	14 16.96	− 7 7.2	2.460	3.256	12.8	22.5

341234 2007 RD_{169} 5 3.0 296°.92 1°.4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.77	−13 33.5	1.812	2.685	12.7	20.8
4 11	14 58.76	−13 8.5	1.724	2.666	9.2	20.5
4 21	14 51.66	−12 36.9	1.660	2.647	5.2	20.2
5 1	14 43.19	−12 2.0	1.622	2.628	1.5	19.9
5 11	14 34.36	−11 28.2	1.611	2.609	4.3	20.1
5 21	14 26.18	−11 0.1	1.627	2.591	8.6	20.3
5 31	14 19.60	−10 41.9	1.666	2.572	12.6	20.5
6 10	14 15.26	−10 36.4	1.726	2.554	16.1	20.7

94529 2001 UK_{145} 5 3.0 323°.72 2°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.10	−12 58.3	1.321	2.206	15.6	19.8
4 11	15 0.83	−12 17.7	1.256	2.204	11.3	19.5
4 21	14 52.93	−11 29.2	1.213	2.202	6.3	19.2
5 1	14 43.41	−10 38.0	1.195	2.200	2.3	19.0
5 11	14 33.64	− 9 51.2	1.201	2.198	5.6	19.2
5 21	14 24.99	− 9 15.1	1.232	2.197	10.6	19.4
5 31	14 18.54	− 8 54.7	1.284	2.195	15.2	19.7
6 10	14 14.97	− 8 52.2	1.355	2.194	19.1	19.9

153546 2001 SZ_{114} 5 3.0 147°.96 2°.3/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.72	−11 52.9	2.012	2.880	11.8	20.4
4 11	14 58.98	−10 53.8	1.948	2.888	8.4	20.2
4 21	14 51.54	− 9 49.6	1.910	2.895	4.8	20.0
5 1	14 43.14	− 8 45.1	1.899	2.902	2.3	19.9
5 11	14 34.70	− 7 45.7	1.917	2.909	4.7	20.0
5 21	14 27.06	− 6 56.2	1.963	2.914	8.3	20.3
5 31	14 20.95	− 6 20.2	2.033	2.920	11.6	20.5
6 10	14 16.81	− 5 59.5	2.125	2.925	14.4	20.7

35398 1997 YR 5 3.0 57°.95 3°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.69	− 9 30.4	1.271	2.160	15.9	18.0
4 11	15 1.05	− 8 45.5	1.225	2.174	11.4	17.7
4 21	14 52.90	− 7 58.0	1.201	2.188	6.6	17.5
5 1	14 43.39	− 7 14.1	1.200	2.202	3.7	17.4
5 11	14 33.90	− 6 40.6	1.225	2.217	6.6	17.6
5 21	14 25.71	− 6 22.1	1.273	2.232	11.1	17.9
5 31	14 19.79	− 6 21.4	1.343	2.247	15.2	18.1
6 10	14 16.66	− 6 38.5	1.432	2.262	18.7	18.4

143977 2003 YM_{145} 5 3.0 153°.41 0°.9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.07	−13 47.8	1.833	2.696	13.0	20.2
4 11	15 2.34	−13 39.8	1.766	2.702	9.3	20.0
4 21	14 53.54	−13 26.5	1.723	2.708	5.2	19.8
5 1	14 43.51	−13 10.1	1.707	2.713	1.1	19.5
5 11	14 33.34	−12 54.1	1.719	2.718	3.9	19.7
5 21	14 24.07	−12 42.1	1.759	2.722	8.1	20.0
5 31	14 16.57	−12 37.2	1.824	2.726	11.9	20.2
6 10	14 11.41	−12 41.8	1.910	2.730	15.1	20.4

82851 2001 QP_{53} 5 3.0 86°.07 6°.3/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.36	+ 1 7.2	2.092	2.963	11.3	19.3
4 11	14 57.16	+ 2 18.6	2.047	2.976	8.7	19.1
4 21	14 50.47	+ 3 23.5	2.027	2.989	6.7	19.0
5 1	14 42.97	+ 4 16.3	2.033	3.002	6.4	19.0
5 11	14 35.48	+ 4 52.3	2.066	3.014	8.0	19.1
5 21	14 28.76	+ 5 9.2	2.124	3.027	10.4	19.3
5 31	14 23.42	+ 5 6.6	2.205	3.039	12.8	19.5
6 10	14 19.88	+ 4 45.8	2.305	3.052	14.9	19.7

93896 2000 WY_{141} 5 3.0 144°.24 5°.7/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.23	+ 0 20.0	2.163	3.029	11.2	20.4
4 11	14 59.20	+ 1 13.1	2.110	3.038	8.6	20.2
4 21	14 51.61	+ 2 0.6	2.081	3.046	6.4	20.1
5 1	14 43.17	+ 2 37.5	2.080	3.054	5.8	20.1
5 11	14 34.71	+ 2 59.8	2.106	3.062	7.4	20.2
5 21	14 27.00	+ 3 5.4	2.158	3.069	9.8	20.3
5 31	14 20.71	+ 2 53.7	2.234	3.076	12.4	20.5
6 10	14 16.26	+ 2 25.9	2.330	3.082	14.6	20.7

45256 1999 YM_{13} 5 3.1 190°.23 10°.6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.73	+15 16.9	2.150	2.978	12.7	19.6
4 11	15 0.37	+16 49.5	2.104	2.977	11.3	19.5
4 21	14 52.32	+18 5.8	2.082	2.975	10.6	19.4
5 1	14 43.30	+18 58.6	2.084	2.973	11.0	19.4
5 11	14 34.21	+19 23.5	2.111	2.969	12.2	19.5
5 21	14 25.90	+19 19.6	2.159	2.965	13.9	19.6
5 31	14 19.09	+18 48.4	2.227	2.960	15.7	19.8
6 10	14 14.25	+17 53.9	2.311	2.954	17.3	19.9

171803 2001 DY_{42} 5 3.1 96°.27 1°.1/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.55	−15 3.3	1.563	2.434	14.4	20.2
4 11	15 1.37	−14 28.5	1.509	2.450	10.3	20.0
4 21	14 53.00	−13 45.6	1.478	2.465	5.7	19.8
5 1	14 43.41	−12 58.7	1.474	2.480	1.3	19.5
5 11	14 33.84	−12 13.4	1.496	2.495	4.4	19.7
5 21	14 25.39	−11 35.2	1.544	2.510	8.9	20.0
5 31	14 18.95	−11 8.4	1.617	2.524	12.9	20.3
6 10	14 15.02	−10 55.6	1.709	2.538	16.2	20.6

432463 2010 CK_{143} 5 3.1 75°.60 3°.7/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.56	−26 7.6	1.871	2.706	14.0	21.5
4 11	15 1.33	−26 24.9	1.809	2.722	10.7	21.3
4 21	14 53.00	−26 27.3	1.770	2.737	7.2	21.2
5 1	14 43.44	−26 14.6	1.757	2.752	4.2	21.0
5 11	14 33.78	−25 49.2	1.771	2.767	4.3	21.0
5 21	14 25.10	−25 15.5	1.812	2.782	7.4	21.2
5 31	14 18.26	−24 39.2	1.878	2.797	10.7	21.5
6 10	14 13.82	−24 5.8	1.966	2.812	13.7	21.7

343995 2011 QG_{3} 5 3.1 309°.91 0°.4/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.54	−15 18.6	4.132	4.988	6.5	20.9
4 11	14 51.85	−14 45.6	4.050	4.984	4.6	20.7
4 21	14 47.38	−14 9.0	3.995	4.980	2.6	20.6
5 1	14 42.46	−13 30.3	3.970	4.977	0.5	20.4
5 11	14 37.49	−12 51.9	3.975	4.973	2.0	20.5
5 21	14 32.82	−12 15.6	4.009	4.969	4.1	20.7
5 31	14 28.81	−11 43.5	4.071	4.966	6.1	20.8
6 10	14 25.71	−11 17.3	4.157	4.962	7.8	20.9

118419 1999 TK_{53} 5 3.1 348°.82 0°.6/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.21	−19 26.5	2.042	2.903	12.0	19.5
4 11	14 56.63	−18 58.5	1.966	2.900	8.7	19.3
4 21	14 50.33	−18 20.2	1.914	2.897	5.0	19.0
5 1	14 42.98	−17 34.0	1.889	2.895	1.2	18.8
5 11	14 35.49	−16 44.0	1.891	2.893	3.1	18.9
5 21	14 28.69	−15 55.1	1.920	2.891	6.9	19.1
5 31	14 23.33	−15 11.9	1.975	2.890	10.5	19.3
6 10	14 19.93	−14 38.4	2.051	2.889	13.5	19.5

185227 2006 TN_{76} 5 3.1 132°.91 3°.8/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.48	−30 47.2	2.985	3.779	10.4	21.4
4 11	14 59.99	−31 4.8	2.912	3.793	8.2	21.3
4 21	14 52.05	−31 10.0	2.864	3.807	6.0	21.2
5 1	14 43.27	−31 2.2	2.843	3.821	4.2	21.1
5 11	14 34.40	−30 42.7	2.851	3.834	4.0	21.1
5 21	14 26.14	−30 14.1	2.888	3.847	5.6	21.2
5 31	14 19.11	−29 40.1	2.953	3.859	7.7	21.3
6 10	14 13.76	−29 5.0	3.042	3.870	9.8	21.5

198307 2004 TT_{330} 5 3.1 217°.80 0°.5/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.71	−15 27.6	2.125	2.984	11.6	20.5
4 11	14 59.82	−15 11.3	2.043	2.979	8.4	20.3
4 21	14 52.13	−14 48.4	1.987	2.972	4.7	20.1
5 1	14 43.31	−14 21.1	1.959	2.966	0.8	19.8
5 11	14 34.27	−13 52.9	1.959	2.959	3.4	19.9
5 21	14 25.91	−13 27.4	1.987	2.951	7.3	20.2
5 31	14 19.00	−13 8.2	2.040	2.944	10.8	20.4
6 10	14 14.09	−12 58.2	2.116	2.936	13.8	20.6

149734 2004 LV_8 5 3.1 296°.88 9°.1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.26	−43 40.5	2.308	3.043	14.7	19.5
4 11	15 1.58	−44 26.4	2.206	3.022	12.9	19.3
4 21	14 53.42	−44 50.8	2.124	3.001	11.1	19.1
5 1	14 43.57	−44 49.5	2.064	2.981	9.7	19.0
5 11	14 33.16	−44 21.3	2.028	2.960	9.1	18.9
5 21	14 23.44	−43 28.4	2.017	2.939	9.8	18.9
5 31	14 15.54	−42 16.6	2.030	2.919	11.5	19.0
6 10	14 10.26	−40 54.1	2.065	2.898	13.6	19.1

196210 2003 BM_{25} 5 3.1 68°.22 2°.1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.99	−22 55.6	1.274	2.141	17.3	19.8
4 11	15 1.54	−22 28.5	1.216	2.151	12.8	19.5
4 21	14 53.33	−21 42.2	1.179	2.160	7.8	19.3
5 1	14 43.51	−20 39.4	1.165	2.170	2.8	19.0
5 11	14 33.62	−19 27.2	1.177	2.180	4.3	19.1
5 21	14 25.06	−18 14.2	1.213	2.190	9.3	19.4
5 31	14 18.94	−17 9.5	1.272	2.200	14.0	19.7
6 10	14 15.85	−16 19.5	1.350	2.210	18.0	20.0

378641 2008 FX_{134} 5 3.1 250°.88 1°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.60	− 8 54.0	4.775	5.636	5.6	21.3
4 11	14 51.81	− 8 34.5	4.691	5.627	4.0	21.2
4 21	14 47.34	− 8 14.3	4.634	5.618	2.3	21.0
5 1	14 42.47	− 7 54.9	4.608	5.608	1.3	20.9
5 11	14 37.54	− 7 38.0	4.611	5.599	2.4	21.0
5 21	14 32.86	− 7 24.7	4.644	5.590	4.1	21.1
5 31	14 28.71	− 7 16.4	4.704	5.580	5.7	21.3
6 10	14 25.36	− 7 13.7	4.789	5.571	7.2	21.4

379354 2009 WB_{159} 5 3.1 177°.11 0°.0/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.86	−18 29.9	2.249	3.102	11.3	21.8
4 11	14 59.06	−17 50.9	2.173	3.104	8.2	21.6
4 21	14 51.62	−17 2.4	2.122	3.105	4.6	21.4
5 1	14 43.22	−16 7.2	2.100	3.106	0.8	21.1
5 11	14 34.72	−15 9.6	2.106	3.107	3.0	21.3
5 21	14 26.92	−14 14.2	2.141	3.107	6.7	21.5
5 31	14 20.54	−13 25.6	2.202	3.106	10.1	21.7
6 10	14 16.04	−12 47.3	2.286	3.105	12.9	21.9

272694 2005 XG_{86} 5 3.1 136°.07 1°.8/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.10	−22 33.5	1.978	2.825	12.9	21.5
4 11	15 0.17	−22 18.3	1.908	2.832	9.6	21.3
4 21	14 52.32	−21 50.4	1.862	2.839	5.9	21.1
5 1	14 43.35	−21 11.4	1.842	2.846	2.3	20.9
5 11	14 34.27	−20 24.8	1.851	2.852	3.3	20.9
5 21	14 26.04	−19 35.8	1.887	2.858	7.0	21.2
5 31	14 19.49	−18 49.6	1.949	2.864	10.6	21.4
6 10	14 15.11	−18 11.0	2.033	2.870	13.7	21.6

102216 1999 TG_4 5 3.1 224°.97 3°.2/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.99	−28 55.5	2.956	3.763	10.1	20.5
4 11	14 58.32	−28 56.2	2.859	3.752	8.0	20.3
4 21	14 51.19	−28 44.9	2.787	3.741	5.6	20.1
5 1	14 43.16	−28 21.4	2.743	3.730	3.6	20.0
5 11	14 34.92	−27 47.4	2.727	3.718	3.5	20.0
5 21	14 27.18	−27 5.7	2.741	3.706	5.5	20.1
5 31	14 20.56	−26 20.2	2.782	3.693	8.0	20.2
6 10	14 15.55	−25 35.2	2.848	3.680	10.3	20.4

173176 1997 KO 5 3.1 28°.02 1°.1/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.48	−16 18.9	1.333	2.217	15.6	19.9
4 11	14 58.84	−15 27.8	1.275	2.222	11.2	19.7
4 21	14 51.76	−14 24.7	1.239	2.228	6.2	19.4
5 1	14 43.26	−13 15.3	1.227	2.234	1.3	19.1
5 11	14 34.65	−12 7.3	1.240	2.240	4.8	19.3
5 21	14 27.19	−11 8.4	1.278	2.248	9.8	19.6
5 31	14 21.86	−10 24.7	1.338	2.255	14.3	19.9
6 10	14 19.22	− 9 59.5	1.417	2.263	18.0	20.2

418018 2007 UP_{43} 5 3.1 236°.40 2°.0/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.98	−13 47.2	1.648	2.522	13.7	21.9
4 11	15 0.43	−12 50.7	1.570	2.512	9.9	21.6
4 21	14 52.63	−11 44.9	1.515	2.502	5.5	21.3
5 1	14 43.42	−10 35.0	1.487	2.492	2.1	21.1
5 11	14 33.94	− 9 27.6	1.486	2.481	5.1	21.3
5 21	14 25.31	− 8 29.4	1.511	2.470	9.6	21.5
5 31	14 18.50	− 7 46.1	1.560	2.459	13.7	21.7
6 10	14 14.15	− 7 20.5	1.628	2.447	17.3	21.9

106001 2000 SR_{283} 5 3.1 173°.25 2°.1/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.01	−28 10.6	4.547	5.353	6.9	19.9
4 11	14 52.90	−28 8.5	4.460	5.353	5.3	19.8
4 21	14 47.98	−27 58.9	4.399	5.353	3.7	19.7
5 1	14 42.60	−27 42.2	4.366	5.353	2.4	19.6
5 11	14 37.13	−27 19.7	4.363	5.354	2.3	19.6
5 21	14 31.98	−26 53.0	4.389	5.354	3.6	19.7
5 31	14 27.49	−26 24.0	4.443	5.354	5.2	19.8
6 10	14 23.95	−25 55.2	4.522	5.354	6.8	19.9

4828 Misenus 5 3.1 99°.35 2°.9/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.58	−31 22.1	4.411	5.199	7.4	17.7
4 11	14 54.07	−31 32.4	4.326	5.202	5.9	17.6
4 21	14 48.66	−31 34.0	4.267	5.205	4.4	17.5
5 1	14 42.71	−31 27.1	4.235	5.209	3.2	17.4
5 11	14 36.68	−31 12.4	4.232	5.212	3.0	17.4
5 21	14 30.98	−30 51.6	4.258	5.215	4.0	17.5
5 31	14 26.00	−30 26.8	4.311	5.218	5.5	17.6
6 10	14 22.05	−30 0.5	4.390	5.221	7.0	17.7

172057 2001 XY_{196} 5 3.1 105°.57 5°.6/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.61	+ 2 6.5	2.509	3.371	10.0	20.0
4 11	14 57.14	+ 2 57.3	2.463	3.387	7.7	19.9
4 21	14 50.41	+ 3 41.8	2.443	3.402	6.0	19.8
5 1	14 43.01	+ 4 15.7	2.450	3.417	5.6	19.8
5 11	14 35.63	+ 4 35.7	2.485	3.431	6.9	19.9
5 21	14 28.91	+ 4 40.2	2.546	3.446	9.0	20.0
5 31	14 23.37	+ 4 29.1	2.631	3.460	11.1	20.2
6 10	14 19.39	+ 4 3.3	2.737	3.474	13.0	20.4

433622 2013 YY_{111} 5 3.1 184°.00 2°.3/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.90	−10 11.9	2.231	3.099	10.8	21.6
4 11	14 58.36	− 9 34.0	2.160	3.099	7.7	21.4
4 21	14 51.23	− 8 53.3	2.114	3.099	4.5	21.2
5 1	14 43.17	− 8 13.3	2.096	3.099	2.3	21.0
5 11	14 34.99	− 7 38.1	2.107	3.098	4.4	21.2
5 21	14 27.48	− 7 11.2	2.146	3.097	7.7	21.4
5 31	14 21.31	− 6 55.2	2.209	3.095	10.8	21.6
6 10	14 16.95	− 6 51.5	2.295	3.094	13.5	21.7

79056 1132 $T\text{-}_3$ 5 3.1 234°.99 1°.3/ 4.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.09	−22 11.1	1.998	2.843	12.9	20.7
4 11	15 1.06	−21 38.1	1.904	2.828	9.6	20.5
4 21	14 52.95	−20 50.7	1.834	2.812	5.8	20.2
5 1	14 43.49	−19 50.8	1.791	2.796	1.9	19.9
5 11	14 33.72	−18 42.6	1.777	2.779	3.3	20.0
5 21	14 24.65	−17 32.0	1.791	2.761	7.5	20.2
5 31	14 17.22	−16 25.6	1.831	2.742	11.4	20.4
6 10	14 12.03	−15 29.1	1.893	2.722	14.8	20.6

471049 2009 UK_{83} 5 3.1 192°.65 0°.1/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.15	−19 33.7	1.955	2.812	12.6	21.9
4 11	14 58.78	−18 41.3	1.879	2.812	9.1	21.7
4 21	14 51.55	−17 36.4	1.827	2.811	5.2	21.5
5 1	14 43.23	−16 22.7	1.802	2.809	1.0	21.2
5 11	14 34.79	−15 5.7	1.806	2.807	3.4	21.4
5 21	14 27.14	−13 51.8	1.838	2.805	7.5	21.6
5 31	14 21.08	−12 46.9	1.895	2.803	11.2	21.8
6 10	14 17.13	−11 55.3	1.974	2.801	14.4	22.0

176403 2001 UZ_{149} 5 3.1 164°.75 0°.8/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.46	−14 38.6	2.871	3.726	9.1	22.0
4 11	14 57.03	−14 7.3	2.798	3.731	6.5	21.8
4 21	14 50.37	−13 31.1	2.751	3.736	3.6	21.6
5 1	14 43.02	−12 52.6	2.733	3.740	0.9	21.4
5 11	14 35.60	−12 14.6	2.746	3.744	2.8	21.6
5 21	14 28.71	−11 40.2	2.788	3.747	5.7	21.8
5 31	14 22.89	−11 12.0	2.856	3.750	8.4	21.9
6 10	14 18.51	−10 52.1	2.949	3.752	10.7	22.1

507586 2013 BM_9 5 3.1 153°.62 4°.5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.46	− 0 30.5	2.699	3.562	9.3	21.8
4 11	14 57.03	+ 0 10.6	2.639	3.567	7.1	21.7
4 21	14 50.37	+ 0 47.7	2.605	3.573	5.1	21.6
5 1	14 43.02	+ 1 17.0	2.600	3.578	4.6	21.5
5 11	14 35.62	+ 1 35.5	2.623	3.582	5.9	21.6
5 21	14 28.79	+ 1 41.4	2.673	3.587	8.1	21.8
5 31	14 23.05	+ 1 33.8	2.748	3.591	10.3	21.9
6 10	14 18.79	+ 1 13.3	2.845	3.594	12.3	22.1

166082 2002 CR_{106} 5 3.1 91°.02 2°.9/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.57	−11 9.0	1.444	2.324	14.9	20.0
4 11	15 1.49	−10 20.3	1.394	2.339	10.6	19.7
4 21	14 53.12	− 9 27.0	1.367	2.354	6.1	19.5
5 1	14 43.50	− 8 34.8	1.365	2.369	2.9	19.4
5 11	14 33.90	− 7 50.2	1.390	2.383	5.8	19.6
5 21	14 25.50	− 7 18.4	1.440	2.398	10.1	19.8
5 31	14 19.20	− 7 2.7	1.513	2.412	14.1	20.1
6 10	14 15.51	− 7 4.2	1.604	2.426	17.4	20.4

276579 2003 SM_{288} 5 3.1 290°.00 5°.1/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.82	− 5 11.8	1.833	2.714	12.1	20.4
4 11	14 57.18	− 3 50.0	1.763	2.705	9.0	20.2
4 21	14 50.69	− 2 27.2	1.717	2.696	6.1	20.0
5 1	14 43.10	− 1 10.3	1.698	2.687	5.2	19.9
5 11	14 35.33	− 0 6.2	1.706	2.678	7.4	20.0
5 21	14 28.28	+ 0 39.9	1.739	2.669	10.7	20.2
5 31	14 22.74	+ 1 5.2	1.795	2.660	13.9	20.4
6 10	14 19.25	+ 1 9.3	1.870	2.651	16.7	20.6

391349 2006 UE_{217} 5 3.1 116°.48 1°.4/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.25	−19 20.7	2.487	3.326	10.8	21.5
4 11	15 2.12	−19 50.4	2.417	3.338	8.0	21.3
4 21	14 53.33	−20 13.2	2.373	3.350	4.8	21.1
5 1	14 43.55	−20 29.2	2.357	3.361	1.8	20.9
5 11	14 33.63	−20 39.2	2.372	3.372	2.8	21.0
5 21	14 24.39	−20 45.3	2.416	3.383	6.0	21.2
5 31	14 16.53	−20 50.0	2.488	3.394	9.0	21.4
6 10	14 10.55	−20 56.3	2.584	3.404	11.6	21.6

331280 2011 DV_{15} 5 3.1 96°.01 3°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.72	− 3 16.4	3.312	4.177	7.7	21.5
4 11	14 54.17	− 2 30.4	3.261	4.194	5.7	21.3
4 21	14 48.70	− 1 46.5	3.238	4.211	3.9	21.2
5 1	14 42.73	− 1 7.6	3.243	4.227	3.3	21.2
5 11	14 36.77	− 0 36.5	3.277	4.244	4.5	21.3
5 21	14 31.27	− 0 14.9	3.340	4.260	6.4	21.5
5 31	14 26.62	− 0 3.9	3.428	4.276	8.3	21.6
6 10	14 23.13	− 0 3.9	3.538	4.292	10.0	21.8

315998 2009 DG_{125} 5 3.1 140°.84 3°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.65	−10 20.7	1.877	2.745	12.5	21.5
4 11	15 1.14	− 9 19.3	1.820	2.759	8.9	21.3
4 21	14 52.80	− 8 14.0	1.787	2.772	5.2	21.1
5 1	14 43.45	− 7 10.2	1.783	2.784	3.0	21.0
5 11	14 34.11	− 6 13.7	1.807	2.795	5.3	21.2
5 21	14 25.70	− 5 29.3	1.859	2.806	9.0	21.4
5 31	14 19.00	− 5 0.1	1.935	2.816	12.3	21.6
6 10	14 14.45	− 4 47.4	2.031	2.825	15.2	21.8

246886 1996 XY_{4} 5 3.1 244°.58 3°.7/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.65	−27 49.6	1.948	2.773	13.9	20.9
4 11	15 2.41	−27 38.0	1.848	2.754	10.9	20.6
4 21	14 53.82	−27 8.3	1.771	2.735	7.4	20.4
5 1	14 43.68	−26 19.9	1.720	2.715	4.2	20.1
5 11	14 33.09	−25 15.8	1.697	2.693	4.4	20.1
5 21	14 23.24	−24 1.5	1.701	2.672	7.8	20.2
5 31	14 15.16	−22 44.6	1.732	2.649	11.6	20.4
6 10	14 9.56	−21 32.8	1.785	2.625	15.1	20.6

276958 2004 TY_{328} 5 3.1 133°.71 2°.6/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.35	− 7 58.1	2.127	2.990	11.5	20.8
4 11	15 1.53	− 7 49.3	2.065	3.001	8.3	20.6
4 21	14 53.00	− 7 40.6	2.028	3.011	4.9	20.4
5 1	14 43.49	− 7 34.6	2.019	3.021	2.6	20.3
5 11	14 33.92	− 7 34.0	2.040	3.030	4.6	20.5
5 21	14 25.14	− 7 41.0	2.088	3.039	7.9	20.7
5 31	14 17.89	− 7 57.0	2.162	3.047	11.1	20.9
6 10	14 12.63	− 8 22.6	2.258	3.055	13.8	21.1

520012 2013 UN_{20} 5 3.1 166°.58 0°.6/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.43	−20 36.1	2.278	3.126	11.4	22.5
4 11	14 58.74	−19 53.1	2.203	3.130	8.3	22.3
4 21	14 51.45	−18 58.9	2.153	3.134	4.8	22.1
5 1	14 43.23	−17 56.3	2.131	3.137	1.2	21.8
5 11	14 34.93	−16 49.9	2.138	3.140	2.9	21.9
5 21	14 27.36	−15 44.5	2.174	3.142	6.5	22.2
5 31	14 21.20	−14 45.3	2.237	3.144	9.8	22.4
6 10	14 16.90	−13 56.1	2.322	3.145	12.6	22.6

355606 2008 DU_{13} 5 3.1 215°.87 3°.7/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.26	−28 47.6	2.465	3.281	11.6	21.1
4 11	14 58.74	−28 52.7	2.380	3.278	9.1	20.9
4 21	14 51.52	−28 43.9	2.318	3.275	6.4	20.7
5 1	14 43.27	−28 21.2	2.284	3.272	4.1	20.5
5 11	14 34.82	−27 46.4	2.277	3.269	4.0	20.5
5 21	14 27.00	−27 3.0	2.298	3.265	6.3	20.7
5 31	14 20.54	−26 15.8	2.346	3.261	9.0	20.8
6 10	14 15.97	−25 29.9	2.417	3.257	11.6	21.0

381148 2007 GZ_{1} 5 3.1 325°.71 0°.9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.53	−11 41.6	4.183	5.041	6.4	20.7
4 11	14 53.27	−11 34.5	4.104	5.039	4.5	20.6
4 21	14 48.21	−11 25.9	4.052	5.037	2.5	20.4
5 1	14 42.69	−11 17.1	4.030	5.035	0.9	20.3
5 11	14 37.09	−11 9.5	4.038	5.034	2.2	20.4
5 21	14 31.79	−11 4.5	4.075	5.032	4.2	20.5
5 31	14 27.14	−11 3.3	4.140	5.030	6.1	20.7
6 10	14 23.43	−11 6.9	4.230	5.028	7.8	20.8

475048 2005 UT_{86} 5 3.1 224°.76 0°.7/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 2.00	−14 47.6	2.783	3.640	9.3	22.1
4 11	14 56.84	−14 19.9	2.697	3.631	6.6	22.0
4 21	14 50.35	−13 47.0	2.638	3.623	3.7	21.7
5 1	14 43.07	−13 11.2	2.607	3.613	0.8	21.5
5 11	14 35.64	−12 35.5	2.605	3.604	2.9	21.7
5 21	14 28.69	−12 2.8	2.633	3.594	5.9	21.8
5 31	14 22.79	−11 36.2	2.687	3.583	8.8	22.0
6 10	14 18.38	−11 17.7	2.765	3.573	11.2	22.2

299480 2006 BB_{165} 5 3.1 55°.88 2°.4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.33	−13 3.6	1.244	2.132	16.2	20.4
4 11	15 0.98	−12 18.4	1.193	2.141	11.6	20.1
4 21	14 53.00	−11 25.6	1.162	2.151	6.5	19.9
5 1	14 43.53	−10 31.0	1.155	2.161	2.4	19.7
5 11	14 34.01	− 9 42.2	1.174	2.171	5.7	19.9
5 21	14 25.77	− 9 5.4	1.216	2.182	10.7	20.2
5 31	14 19.85	− 8 45.3	1.280	2.192	15.2	20.5
6 10	14 16.81	− 8 43.6	1.362	2.203	18.9	20.7

499505 2010 OW_{11} 5 3.1 250°.76 1°.0/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.97	−16 31.4	1.814	2.679	13.0	22.3
4 11	15 0.39	−15 35.7	1.723	2.661	9.5	22.0
4 21	14 52.64	−14 28.1	1.656	2.643	5.3	21.7
5 1	14 43.50	−13 12.5	1.617	2.624	1.2	21.4
5 11	14 34.00	−11 55.2	1.605	2.604	4.2	21.6
5 21	14 25.23	−10 43.0	1.621	2.584	8.8	21.8
5 31	14 18.13	− 9 42.5	1.661	2.563	12.9	22.0
6 10	14 13.35	− 8 58.0	1.722	2.541	16.5	22.2

248489 2005 UA_{295} 5 3.1 259°.29 0°.6/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.13	−18 51.9	2.554	3.403	10.2	21.4
4 11	14 57.84	−18 40.3	2.460	3.388	7.5	21.1
4 21	14 51.00	−18 20.9	2.392	3.373	4.4	20.9
5 1	14 43.20	−17 55.1	2.351	3.358	1.1	20.7
5 11	14 35.15	−17 25.6	2.340	3.342	2.7	20.8
5 21	14 27.60	−16 55.4	2.358	3.326	6.0	20.9
5 31	14 21.22	−16 28.1	2.402	3.310	9.2	21.1
6 10	14 16.51	−16 6.9	2.469	3.293	11.9	21.3

384552 2010 EK_{123} 5 3.1 21°.61 5°.0/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.48	− 6 49.8	1.463	2.355	13.9	20.1
4 11	14 56.41	− 5 34.2	1.415	2.364	10.1	19.9
4 21	14 50.30	− 4 18.2	1.390	2.374	6.5	19.7
5 1	14 43.06	− 3 9.5	1.390	2.385	5.1	19.6
5 11	14 35.80	− 2 15.4	1.416	2.397	7.5	19.8
5 21	14 29.54	− 1 40.8	1.465	2.409	11.1	20.0
5 31	14 25.09	− 1 28.0	1.535	2.423	14.6	20.3
6 10	14 22.92	− 1 36.3	1.624	2.437	17.6	20.5

425834 2011 EH_{24} 5 3.1 82°.08 4°.7/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.79	− 5 13.2	1.746	2.623	12.9	21.3
4 11	14 59.82	− 4 14.5	1.705	2.645	9.4	21.1
4 21	14 52.05	− 3 18.0	1.687	2.666	6.1	20.9
5 1	14 43.36	− 2 29.2	1.696	2.688	4.8	20.9
5 11	14 34.76	− 1 53.6	1.732	2.709	6.8	21.1
5 21	14 27.17	− 1 34.1	1.794	2.730	10.0	21.3
5 31	14 21.31	− 1 32.2	1.879	2.751	13.1	21.5
6 10	14 17.59	− 1 47.1	1.983	2.771	15.7	21.8

373119 2011 HX_{4} 5 3.1 153°.00 1°.4/ 4.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.19	−19 44.5	2.179	3.023	12.0	21.0
4 11	15 2.30	−19 58.0	2.106	3.030	8.8	20.8
4 21	14 53.54	−20 2.9	2.058	3.037	5.3	20.6
5 1	14 43.65	−19 59.8	2.038	3.043	1.8	20.4
5 11	14 33.58	−19 50.7	2.047	3.048	3.1	20.5
5 21	14 24.28	−19 38.4	2.085	3.054	6.7	20.7
5 31	14 16.54	−19 26.6	2.149	3.058	10.1	20.9
6 10	14 10.91	−19 18.8	2.237	3.062	13.0	21.1

365134 2009 DK_{36} 5 3.1 330°.02 1°.3/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.20	−19 27.2	1.148	2.034	17.4	20.5
4 11	14 59.40	−19 24.4	1.073	2.018	12.9	20.1
4 21	14 52.52	−19 6.6	1.017	2.003	7.7	19.8
5 1	14 43.53	−18 35.3	0.983	1.989	2.2	19.4
5 11	14 33.94	−17 55.4	0.972	1.976	4.6	19.5
5 21	14 25.40	−17 14.3	0.984	1.964	10.5	19.8
5 31	14 19.30	−16 39.8	1.017	1.953	15.9	20.1
6 10	14 16.53	−16 18.5	1.066	1.943	20.5	20.3

289971 2005 NP_{100} 5 3.1 298°.06 3°.0/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.56	− 9 26.8	1.507	2.388	14.3	20.2
4 11	15 1.12	− 9 7.6	1.429	2.373	10.4	19.9
4 21	14 53.19	− 8 46.0	1.372	2.359	6.1	19.6
5 1	14 43.62	− 8 26.2	1.341	2.345	3.0	19.4
5 11	14 33.62	− 8 12.9	1.336	2.330	5.8	19.5
5 21	14 24.45	− 8 10.4	1.356	2.316	10.4	19.7
5 31	14 17.21	− 8 21.4	1.399	2.303	14.7	20.0
6 10	14 12.65	− 8 47.3	1.460	2.289	18.4	20.2

24938 1997 HY_9 5 3.1 241°.90 0°.9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.38	−13 55.6	1.785	2.650	13.2	18.3
4 11	15 2.13	−13 49.7	1.703	2.640	9.6	18.1
4 21	14 53.64	−13 38.1	1.644	2.630	5.4	17.8
5 1	14 43.69	−13 23.2	1.613	2.620	1.1	17.5
5 11	14 33.39	−13 8.2	1.609	2.609	4.0	17.7
5 21	14 23.84	−12 56.8	1.632	2.598	8.5	17.9
5 31	14 16.05	−12 52.7	1.680	2.586	12.5	18.1
6 10	14 10.67	−12 58.5	1.749	2.574	16.0	18.3

305408 2008 CF_{92} 5 3.1 239°.80 3°.5/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.07	−27 12.6	2.429	3.251	11.6	20.9
4 11	14 59.37	−27 28.1	2.343	3.246	9.0	20.7
4 21	14 51.93	−27 31.3	2.280	3.241	6.2	20.5
5 1	14 43.38	−27 21.6	2.245	3.236	3.9	20.4
5 11	14 34.59	−27 0.5	2.238	3.231	3.9	20.4
5 21	14 26.40	−26 31.1	2.258	3.225	6.3	20.5
5 31	14 19.58	−25 57.7	2.305	3.220	9.2	20.7
6 10	14 14.68	−25 24.9	2.375	3.214	11.9	20.8

380889 2006 DV_{48} 5 3.1 40°.43 3°.4/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.40	− 8 48.8	1.813	2.691	12.4	20.3
4 11	14 58.29	− 7 56.0	1.749	2.692	8.9	20.1
4 21	14 51.32	− 7 0.6	1.708	2.693	5.4	19.9
5 1	14 43.27	− 6 7.9	1.695	2.694	3.4	19.7
5 11	14 35.10	− 5 23.5	1.708	2.695	5.7	19.9
5 21	14 27.73	− 4 51.6	1.748	2.696	9.3	20.1
5 31	14 21.96	− 4 35.4	1.811	2.698	12.8	20.3
6 10	14 18.29	− 4 35.5	1.894	2.699	15.7	20.5

502941 2015 EA_{47} 5 3.1 114°.23 1°.1/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.12	−20 9.3	1.960	2.813	12.7	21.8
4 11	15 0.19	−19 56.7	1.894	2.823	9.3	21.6
4 21	14 52.36	−19 33.6	1.852	2.833	5.5	21.3
5 1	14 43.45	−19 1.6	1.837	2.842	1.6	21.1
5 11	14 34.44	−18 24.5	1.849	2.851	3.2	21.2
5 21	14 26.29	−17 46.8	1.889	2.860	7.1	21.5
5 31	14 19.79	−17 13.0	1.955	2.869	10.6	21.7
6 10	14 15.45	−16 47.1	2.043	2.877	13.7	21.9

424069 2007 DV_1 5 3.1 109°.56 0°.2/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.15	−18 36.1	1.812	2.672	13.3	22.1
4 11	15 0.26	−18 5.1	1.750	2.684	9.6	21.9
4 21	14 52.41	−17 23.6	1.712	2.696	5.5	21.7
5 1	14 43.46	−16 34.6	1.701	2.707	1.0	21.4
5 11	14 34.46	−15 42.8	1.717	2.719	3.4	21.6
5 21	14 26.41	−14 53.8	1.761	2.730	7.6	21.9
5 31	14 20.11	−14 12.6	1.829	2.740	11.4	22.1
6 10	14 16.07	−13 42.7	1.919	2.751	14.6	22.3

318648 2005 MV_{27} 5 3.1 152°.26 3°.8/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.52	− 5 35.7	2.390	3.262	10.1	20.8
4 11	14 56.55	− 4 36.4	2.327	3.265	7.3	20.6
4 21	14 50.20	− 3 37.3	2.289	3.268	4.8	20.5
5 1	14 43.07	− 2 43.0	2.280	3.271	3.8	20.4
5 11	14 35.87	− 1 57.9	2.299	3.274	5.5	20.5
5 21	14 29.29	− 1 25.1	2.345	3.276	8.2	20.7
5 31	14 23.90	− 1 6.7	2.416	3.278	10.9	20.9
6 10	14 20.12	− 1 3.2	2.507	3.281	13.2	21.0

336393 2008 UM_{95} 5 3.1 148°.33 1°.8/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.94	−12 27.4	2.095	2.963	11.4	21.6
4 11	14 58.48	−11 46.4	2.028	2.968	8.1	21.4
4 21	14 51.36	−11 0.4	1.986	2.972	4.6	21.2
5 1	14 43.28	−10 13.5	1.971	2.976	1.8	21.0
5 11	14 35.11	− 9 29.8	1.985	2.980	4.1	21.1
5 21	14 27.68	− 8 53.7	2.026	2.983	7.7	21.4
5 31	14 21.68	− 8 28.3	2.093	2.986	11.0	21.6
6 10	14 17.59	− 8 15.5	2.180	2.989	13.8	21.8

466675 2014 WH_{201} 5 3.1 107°.71 3°.7/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.40	− 4 57.7	2.068	2.929	11.8	21.0
4 11	15 2.89	− 4 41.5	2.020	2.953	8.6	20.9
4 21	14 53.72	− 4 27.8	1.998	2.977	5.4	20.7
5 1	14 43.68	− 4 19.8	2.005	3.000	3.7	20.6
5 11	14 33.72	− 4 20.4	2.040	3.022	5.4	20.8
5 21	14 24.70	− 4 31.1	2.103	3.044	8.5	21.0
5 31	14 17.32	− 4 52.7	2.192	3.065	11.4	21.2
6 10	14 12.00	− 5 24.9	2.303	3.085	14.0	21.5

343999 2011 QJ_9 5 3.1 182°.03 0°.2/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.48	−15 26.1	4.722	5.574	5.8	21.3
4 11	14 51.77	−15 7.3	4.642	5.574	4.2	21.1
4 21	14 47.37	−14 45.5	4.590	5.574	2.3	21.0
5 1	14 42.58	−14 21.9	4.567	5.574	0.4	20.8
5 11	14 37.74	−13 58.3	4.574	5.574	1.7	20.9
5 21	14 33.16	−13 36.0	4.611	5.574	3.5	21.1
5 31	14 29.16	−13 16.6	4.676	5.573	5.3	21.2
6 10	14 25.97	−13 1.4	4.766	5.573	6.9	21.3

121539 1999 UD_{50} 5 3.1 232°.34 1°.1/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.76	−14 51.2	1.942	2.810	12.2	19.6
4 11	14 58.54	−14 13.1	1.868	2.808	8.7	19.4
4 21	14 51.48	−13 27.4	1.818	2.805	4.9	19.2
5 1	14 43.31	−12 37.8	1.795	2.802	1.2	18.9
5 11	14 34.98	−11 49.1	1.800	2.799	3.9	19.1
5 21	14 27.40	−11 6.1	1.833	2.796	7.9	19.3
5 31	14 21.34	−10 33.1	1.889	2.793	11.5	19.5
6 10	14 17.35	−10 12.8	1.968	2.789	14.6	19.7

303366 2004 VK_{20} 5 3.1 8°.99 2°.4/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.09	−10 35.6	1.281	2.165	16.1	19.5
4 11	15 3.13	−10 34.2	1.219	2.165	11.6	19.2
4 21	14 54.36	−10 30.3	1.178	2.166	6.6	18.9
5 1	14 43.84	−10 27.3	1.162	2.167	2.4	18.7
5 11	14 33.04	−10 29.3	1.170	2.168	5.6	18.9
5 21	14 23.40	−10 39.7	1.203	2.170	10.6	19.2
5 31	14 16.12	−11 1.1	1.257	2.171	15.3	19.4
6 10	14 11.88	−11 34.7	1.331	2.173	19.2	19.7

506436 2000 UE_{73} 5 3.1 225°.37 1°.3/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.39	−20 50.0	2.586	3.422	10.6	23.0
4 11	15 0.93	−20 45.5	2.488	3.408	7.8	22.8
4 21	14 52.78	−20 32.1	2.416	3.393	4.7	22.6
5 1	14 43.55	−20 10.6	2.373	3.377	1.7	22.3
5 11	14 34.04	−19 43.0	2.360	3.361	2.8	22.4
5 21	14 25.05	−19 12.5	2.376	3.343	6.1	22.6
5 31	14 17.30	−18 42.9	2.420	3.325	9.2	22.7
6 10	14 11.34	−18 17.8	2.487	3.306	12.0	22.9

122687 2000 SX_3 5 3.1 214°.35 4°.4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.56	− 3 22.4	2.195	3.060	11.1	20.3
4 11	15 0.35	− 2 48.4	2.120	3.053	8.2	20.1
4 21	14 52.44	− 2 16.8	2.071	3.046	5.5	19.9
5 1	14 43.49	− 1 51.8	2.049	3.038	4.4	19.9
5 11	14 34.36	− 1 37.2	2.056	3.030	6.1	19.9
5 21	14 25.88	− 1 35.5	2.089	3.021	9.1	20.1
5 31	14 18.78	− 1 48.0	2.148	3.011	12.0	20.3
6 10	14 13.58	− 2 14.6	2.228	3.001	14.6	20.4

460300 2014 QH_{371} 5 3.1 126°.09 2°.6/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.42	−22 23.5	1.573	2.425	15.4	21.3
4 11	15 3.79	−22 37.5	1.507	2.432	11.5	21.0
4 21	14 54.61	−22 37.6	1.463	2.439	7.2	20.8
5 1	14 43.88	−22 24.0	1.444	2.447	3.2	20.6
5 11	14 32.94	−21 59.6	1.453	2.453	4.1	20.6
5 21	14 23.09	−21 29.2	1.487	2.460	8.4	20.9
5 31	14 15.41	−20 59.1	1.546	2.466	12.5	21.1
6 10	14 10.53	−20 34.9	1.625	2.472	16.1	21.4

423058 2003 UQ_{353} 5 3.1 271°.31 1°.8/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.08	−11 38.3	1.913	2.783	12.2	21.3
4 11	14 59.52	−11 18.7	1.840	2.780	8.8	21.0
4 21	14 52.06	−10 55.4	1.791	2.777	5.0	20.8
5 1	14 43.44	−10 31.5	1.769	2.774	1.9	20.6
5 11	14 34.62	−10 10.9	1.775	2.771	4.3	20.7
5 21	14 26.54	− 9 56.9	1.807	2.768	8.2	21.0
5 31	14 20.03	− 9 52.5	1.864	2.764	11.8	21.2
6 10	14 15.63	− 9 59.5	1.943	2.761	14.9	21.4

345855 2007 PP_{14} 5 3.1 287°.26 5°.5/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.61	− 2 32.2	1.966	2.839	11.8	21.3
4 11	14 59.33	− 1 33.8	1.872	2.808	9.0	21.0
4 21	14 52.06	− 0 36.5	1.803	2.776	6.4	20.8
5 1	14 43.46	+ 0 14.0	1.760	2.744	5.6	20.7
5 11	14 34.44	+ 0 51.7	1.744	2.712	7.6	20.7
5 21	14 25.93	+ 1 12.3	1.754	2.679	10.9	20.8
5 31	14 18.83	+ 1 13.3	1.787	2.646	14.2	21.0
6 10	14 13.79	+ 0 54.3	1.839	2.612	17.3	21.1

228392 2001 AG_{26} 5 3.1 139°.97 4°.0/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.41	− 4 42.2	1.993	2.861	11.9	20.0
4 11	15 1.01	− 4 23.4	1.930	2.866	8.7	19.8
4 21	14 52.81	− 4 7.0	1.892	2.871	5.6	19.6
5 1	14 43.56	− 3 56.9	1.881	2.876	4.0	19.5
5 11	14 34.22	− 3 56.2	1.898	2.880	5.8	19.7
5 21	14 25.68	− 4 6.9	1.943	2.884	9.0	19.8
5 31	14 18.70	− 4 30.0	2.012	2.888	12.1	20.1
6 10	14 13.78	− 5 5.2	2.102	2.892	14.8	20.2

280344 2003 SG_{197} 5 3.1 198°.61 0°.7/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.53	−19 48.9	2.215	3.065	11.5	21.2
4 11	14 58.96	−19 25.2	2.135	3.063	8.5	21.0
4 21	14 51.68	−18 51.6	2.080	3.061	4.9	20.7
5 1	14 43.37	−18 9.9	2.052	3.058	1.3	20.5
5 11	14 34.90	−17 23.9	2.053	3.055	2.9	20.6
5 21	14 27.11	−16 37.8	2.082	3.052	6.6	20.8
5 31	14 20.73	−15 56.3	2.138	3.048	10.0	21.0
6 10	14 16.28	−15 23.0	2.216	3.044	13.0	21.2

364848 2008 CA_{197} 5 3.1 312°.73 8°.2/24.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.08	+ 4 36.5	1.954	2.827	11.9	20.2
4 11	14 55.95	+ 6 13.2	1.882	2.805	9.7	20.0
4 21	14 50.07	+ 7 43.3	1.835	2.784	8.4	19.9
5 1	14 43.11	+ 8 59.0	1.813	2.764	8.6	19.9
5 11	14 35.91	+ 9 53.5	1.817	2.743	10.3	19.9
5 21	14 29.30	+10 23.0	1.843	2.723	12.8	20.1
5 31	14 24.06	+10 26.1	1.891	2.703	15.4	20.2
6 10	14 20.72	+10 4.4	1.955	2.684	17.7	20.3

115842 2003 UP_{262} 5 3.1 213°.60 2°.6/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.06	− 7 21.1	2.777	3.643	9.0	19.8
4 11	14 56.12	− 6 51.8	2.704	3.641	6.5	19.7
4 21	14 49.96	− 6 22.2	2.658	3.639	4.0	19.5
5 1	14 43.08	− 5 55.3	2.640	3.637	2.6	19.4
5 11	14 36.09	− 5 33.9	2.651	3.635	4.2	19.5
5 21	14 29.60	− 5 20.3	2.690	3.633	6.7	19.7
5 31	14 24.14	− 5 16.3	2.755	3.631	9.3	19.8
6 10	14 20.09	− 5 22.5	2.842	3.628	11.5	20.0

94026 2000 XF_{39} 5 3.1 196°.83 1°.6/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.51	−21 4.3	2.483	3.318	11.0	20.7
4 11	15 1.74	−21 14.0	2.396	3.315	8.2	20.5
4 21	14 53.25	−21 15.2	2.335	3.311	5.0	20.3
5 1	14 43.67	−21 8.0	2.303	3.306	2.0	20.0
5 11	14 33.85	−20 54.3	2.300	3.301	2.9	20.1
5 21	14 24.63	−20 36.7	2.327	3.295	6.2	20.3
5 31	14 16.76	−20 18.7	2.381	3.288	9.3	20.5
6 10	14 10.78	−20 4.0	2.459	3.281	12.0	20.7

379428 2010 CL_5 5 3.1 126°.75 2°.0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.96	−11 16.1	2.002	2.871	11.8	20.9
4 11	14 59.29	−10 47.4	1.937	2.877	8.4	20.7
4 21	14 51.86	−10 15.2	1.896	2.882	4.8	20.5
5 1	14 43.42	− 9 43.0	1.883	2.887	2.0	20.3
5 11	14 34.88	− 9 14.8	1.898	2.892	4.3	20.5
5 21	14 27.11	− 8 54.2	1.940	2.897	8.0	20.7
5 31	14 20.85	− 8 43.9	2.006	2.901	11.3	20.9
6 10	14 16.60	− 8 45.5	2.094	2.906	14.2	21.1

162084 1998 HB_{101} 5 3.1 33°.78 0°.5/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.34	−18 25.1	1.202	2.087	16.8	18.9
4 11	14 58.95	−17 25.9	1.149	2.097	12.1	18.6
4 21	14 51.93	−16 11.0	1.118	2.107	6.8	18.4
5 1	14 43.43	−14 46.9	1.110	2.117	1.1	18.0
5 11	14 34.90	−13 22.7	1.127	2.129	4.7	18.3
5 21	14 27.66	−12 7.9	1.167	2.140	10.1	18.6
5 31	14 22.73	−11 9.9	1.229	2.153	14.8	18.9
6 10	14 20.64	−10 32.6	1.310	2.166	18.6	19.2

506560 2005 TW_{93} 5 3.1 162°.92 1°.2/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.60	−21 26.4	2.780	3.620	9.8	22.4
4 11	14 57.28	−21 9.6	2.702	3.623	7.2	22.2
4 21	14 50.63	−20 44.1	2.650	3.627	4.3	22.0
5 1	14 43.20	−20 11.3	2.626	3.630	1.6	21.8
5 11	14 35.67	−19 33.8	2.631	3.633	2.4	21.9
5 21	14 28.70	−18 54.9	2.666	3.635	5.4	22.1
5 31	14 22.86	−18 17.9	2.728	3.637	8.1	22.3
6 10	14 18.56	−17 46.2	2.813	3.639	10.6	22.4

241964 2002 FC_{35} 5 3.1 328°.91 2°.8/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.07	−13 17.6	1.293	2.183	15.6	19.8
4 11	14 58.77	−12 9.1	1.226	2.176	11.2	19.5
4 21	14 51.91	−10 49.9	1.180	2.169	6.3	19.2
5 1	14 43.45	− 9 27.1	1.159	2.163	2.8	19.0
5 11	14 34.73	− 8 10.0	1.162	2.157	6.2	19.2
5 21	14 27.05	− 7 6.9	1.189	2.152	11.2	19.4
5 31	14 21.49	− 6 24.1	1.238	2.147	15.8	19.7
6 10	14 18.73	− 6 4.2	1.304	2.143	19.7	19.9

156330 2001 XD_{112} 5 3.1 60°.34 7°.0/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.24	+ 1 2.5	1.577	2.452	14.1	19.7
4 11	15 1.10	+ 1 41.6	1.532	2.465	10.8	19.6
4 21	14 52.90	+ 2 11.8	1.510	2.479	8.0	19.4
5 1	14 43.59	+ 2 27.3	1.514	2.492	7.1	19.4
5 11	14 34.32	+ 2 23.9	1.542	2.506	8.8	19.5
5 21	14 26.12	+ 2 0.4	1.596	2.520	11.8	19.7
5 31	14 19.82	+ 1 17.7	1.671	2.534	14.8	20.0
6 10	14 15.91	+ 0 18.6	1.765	2.548	17.5	20.2

340499 2006 HH_{116} 5 3.1 218°.29 0°.4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.72	−19 13.0	2.120	2.976	11.8	21.3
4 11	14 58.45	−18 39.8	2.041	2.972	8.6	21.1
4 21	14 51.43	−17 56.3	1.985	2.968	4.9	20.9
5 1	14 43.36	−17 4.9	1.958	2.964	1.1	20.6
5 11	14 35.12	−16 9.9	1.958	2.960	3.1	20.7
5 21	14 27.58	−15 16.2	1.987	2.956	6.9	21.0
5 31	14 21.49	−14 28.7	2.041	2.951	10.5	21.2
6 10	14 17.36	−13 51.2	2.118	2.946	13.5	21.4

101689 1999 CS_{119} 5 3.1 83°.72 6°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.70	+ 0 32.6	1.650	2.521	13.8	19.2
4 11	15 2.12	+ 1 3.1	1.601	2.533	10.5	19.0
4 21	14 53.47	+ 1 25.4	1.575	2.544	7.6	18.9
5 1	14 43.70	+ 1 34.2	1.575	2.556	6.6	18.8
5 11	14 33.94	+ 1 25.9	1.601	2.567	8.3	18.9
5 21	14 25.22	+ 0 59.2	1.652	2.579	11.3	19.1
5 31	14 18.38	+ 0 15.0	1.726	2.590	14.4	19.4
6 10	14 13.91	− 0 44.4	1.819	2.601	17.1	19.6

378304 2007 EN_{217} 5 3.1 265°.80 3°.8/26.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.12	+ 2 33.9	4.364	5.223	6.1	21.3
4 11	14 51.56	+ 3 32.7	4.298	5.217	4.8	21.2
4 21	14 47.29	+ 4 28.2	4.260	5.212	3.9	21.1
5 1	14 42.62	+ 5 17.6	4.250	5.206	3.9	21.1
5 11	14 37.89	+ 5 58.7	4.269	5.201	4.8	21.1
5 21	14 33.44	+ 6 29.8	4.316	5.195	6.1	21.2
5 31	14 29.58	+ 6 50.0	4.387	5.189	7.5	21.3
6 10	14 26.55	+ 6 59.2	4.480	5.184	8.7	21.4

169395 2001 VL_{94} 5 3.1 103°.39 7°.6/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.54	+ 9 19.8	2.462	3.308	10.7	20.3
4 11	14 57.87	+10 17.2	2.424	3.324	8.9	20.2
4 21	14 50.89	+11 3.0	2.412	3.340	7.8	20.2
5 1	14 43.24	+11 32.8	2.425	3.356	7.8	20.2
5 11	14 35.64	+11 43.4	2.465	3.371	8.9	20.3
5 21	14 28.74	+11 34.2	2.529	3.386	10.5	20.4
5 31	14 23.08	+11 6.0	2.615	3.401	12.3	20.6
6 10	14 19.04	+10 21.2	2.721	3.416	13.9	20.7

24866 1996 ER_1 5 3.1 268°.19 7°.4/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.50	−38 51.0	2.500	3.255	13.2	17.5
4 11	15 2.93	−39 50.9	2.411	3.250	11.2	17.4
4 21	14 54.14	−40 33.6	2.345	3.245	9.3	17.2
5 1	14 43.87	−40 55.8	2.304	3.240	7.8	17.1
5 11	14 33.14	−40 56.5	2.289	3.235	7.5	17.1
5 21	14 23.02	−40 37.6	2.300	3.230	8.4	17.1
5 31	14 14.51	−40 3.7	2.336	3.225	10.2	17.2
6 10	14 8.30	−39 21.2	2.395	3.219	12.3	17.4

263617 2008 GG_{14} 5 3.1 338°.24 3°.2/ 5.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.94	−23 45.4	2.011	2.852	12.9	19.6
4 11	15 0.35	−24 21.3	1.927	2.845	9.9	19.3
4 21	14 52.66	−24 46.6	1.868	2.838	6.5	19.1
5 1	14 43.61	−25 0.2	1.835	2.832	3.6	18.9
5 11	14 34.19	−25 3.0	1.829	2.826	4.0	18.9
5 21	14 25.44	−24 57.6	1.850	2.820	7.2	19.1
5 31	14 18.29	−24 48.0	1.896	2.815	10.6	19.3
6 10	14 13.37	−24 38.8	1.965	2.811	13.7	19.5

213057 1999 NM_{54} 5 3.1 236°.56 0°.1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.78	−19 6.1	2.822	3.669	9.4	20.0
4 11	14 56.73	−18 19.5	2.728	3.656	6.9	19.8
4 21	14 50.35	−17 24.0	2.660	3.642	3.9	19.6
5 1	14 43.18	−16 22.0	2.622	3.628	0.7	19.3
5 11	14 35.86	−15 17.2	2.613	3.614	2.5	19.5
5 21	14 29.03	−14 13.6	2.634	3.599	5.7	19.6
5 31	14 23.25	−13 15.3	2.683	3.584	8.6	19.8
6 10	14 18.96	−12 25.7	2.756	3.569	11.1	20.0

203453 2001 YQ_{95} 5 3.1 123°.17 1°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.49	−20 15.7	1.580	2.438	15.0	21.4
4 11	15 2.98	−20 0.5	1.518	2.450	11.0	21.1
4 21	14 54.10	−19 32.2	1.479	2.461	6.5	20.9
5 1	14 43.84	−18 53.1	1.466	2.472	1.8	20.6
5 11	14 33.50	−18 7.7	1.480	2.482	3.7	20.8
5 21	14 24.29	−17 22.1	1.520	2.492	8.3	21.1
5 31	14 17.17	−16 42.3	1.585	2.502	12.5	21.3
6 10	14 12.72	−16 13.1	1.671	2.511	16.0	21.6

229535 2005 YQ_{36} 5 3.1 84°.52 0°.5/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.53	−18 34.6	1.787	2.649	13.3	21.1
4 11	14 59.95	−18 17.1	1.721	2.655	9.7	20.8
4 21	14 52.34	−17 49.5	1.678	2.662	5.6	20.6
5 1	14 43.54	−17 14.1	1.661	2.668	1.2	20.3
5 11	14 34.61	−16 35.0	1.672	2.674	3.4	20.5
5 21	14 26.58	−15 57.2	1.710	2.681	7.7	20.8
5 31	14 20.29	−15 25.4	1.772	2.687	11.5	21.0
6 10	14 16.29	−15 3.5	1.856	2.693	14.7	21.2

449309 2013 FZ 5 3.1 36°.83 15°.3/ 1.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.17	+17 12.9	0.995	1.847	22.3	19.9
4 11	15 10.23	+17 4.3	0.968	1.866	19.1	19.8
4 21	14 58.10	+16 18.3	0.958	1.886	16.4	19.7
5 1	14 44.50	+14 48.6	0.968	1.908	15.3	19.7
5 11	14 31.42	+12 37.2	0.999	1.931	16.1	19.8
5 21	14 20.52	+ 9 53.7	1.052	1.954	18.4	20.0
5 31	14 12.86	+ 6 50.3	1.124	1.978	21.1	20.3
6 10	14 8.82	+ 3 38.8	1.215	2.003	23.6	20.5

183036 2002 QR_{17} 5 3.1 204°.79 1°.3/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.81	−20 54.2	2.057	2.903	12.5	21.1
4 11	15 1.51	−20 39.2	1.973	2.898	9.3	20.9
4 21	14 53.23	−20 12.8	1.913	2.892	5.5	20.7
5 1	14 43.71	−19 36.4	1.881	2.886	1.8	20.4
5 11	14 33.95	−18 53.5	1.877	2.879	3.2	20.5
5 21	14 24.92	−18 8.5	1.902	2.871	7.1	20.7
5 31	14 17.49	−17 26.6	1.952	2.863	10.8	20.9
6 10	14 12.24	−16 52.5	2.025	2.854	14.0	21.1

96822 1999 RY_{180} 5 3.1 300°.95 6°.7/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.37	−33 35.1	2.153	2.948	13.8	18.2
4 11	15 2.40	−34 32.1	2.051	2.926	11.4	18.0
4 21	14 54.01	−35 13.8	1.972	2.904	9.0	17.8
5 1	14 43.89	−35 36.6	1.917	2.882	7.1	17.6
5 11	14 33.11	−35 39.1	1.889	2.860	6.9	17.6
5 21	14 22.84	−35 23.3	1.888	2.839	8.6	17.6
5 31	14 14.21	−34 53.8	1.911	2.817	11.2	17.8
6 10	14 8.05	−34 17.5	1.956	2.796	14.0	17.9

87290 2000 PF_{18} 5 3.1 195°.96 0°.7/ 3.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.26	−19 22.4	2.297	3.144	11.3	20.2
4 11	15 0.19	−19 3.1	2.215	3.141	8.3	20.0
4 21	14 52.39	−18 34.4	2.157	3.138	4.8	19.8
5 1	14 43.55	−17 58.3	2.128	3.134	1.2	19.5
5 11	14 34.54	−17 17.8	2.128	3.130	2.9	19.6
5 21	14 26.18	−16 37.1	2.157	3.124	6.5	19.8
5 31	14 19.23	−16 0.4	2.212	3.119	9.9	20.0
6 10	14 14.19	−15 31.3	2.290	3.112	12.8	20.2

209532 2004 TR_{275} 5 3.1 133°.00 0°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.95	−17 52.2	1.688	2.549	14.1	22.1
4 11	15 2.43	−17 23.0	1.626	2.561	10.2	21.9
4 21	14 53.72	−16 43.2	1.588	2.573	5.7	21.6
5 1	14 43.79	−15 55.9	1.577	2.584	1.0	21.3
5 11	14 33.79	−15 6.2	1.593	2.594	3.7	21.5
5 21	14 24.85	−14 19.8	1.636	2.604	8.2	21.8
5 31	14 17.85	−13 41.9	1.703	2.613	12.2	22.1
6 10	14 13.32	−13 16.2	1.792	2.622	15.5	22.3

506708 2006 UB_{97} 5 3.1 174°.31 1°.0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.84	−13 29.1	2.854	3.710	9.1	22.8
4 11	14 57.39	−13 2.7	2.779	3.713	6.5	22.7
4 21	14 50.68	−12 32.3	2.730	3.715	3.6	22.5
5 1	14 43.25	−12 0.2	2.711	3.717	1.0	22.3
5 11	14 35.73	−11 29.2	2.721	3.718	2.9	22.4
5 21	14 28.73	−11 2.0	2.761	3.719	5.8	22.6
5 31	14 22.78	−10 41.3	2.827	3.719	8.5	22.8
6 10	14 18.29	−10 28.7	2.917	3.719	10.8	23.0

140256 2001 SB_{258} 5 3.1 141°.35 1°.7/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.21	−21 35.5	2.421	3.260	11.1	20.4
4 11	15 0.07	−21 45.4	2.346	3.266	8.2	20.2
4 21	14 52.29	−21 46.1	2.297	3.272	5.1	20.0
5 1	14 43.54	−21 38.4	2.276	3.278	2.1	19.8
5 11	14 34.64	−21 24.1	2.283	3.283	2.9	19.9
5 21	14 26.39	−21 6.0	2.319	3.289	6.0	20.1
5 31	14 19.50	−20 47.7	2.382	3.294	9.1	20.3
6 10	14 14.47	−20 32.7	2.469	3.299	11.8	20.5

341307 2007 RZ_{324} 5 3.1 203°.25 0°.1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.92	−17 49.7	2.258	3.114	11.2	21.8
4 11	14 58.51	−17 25.0	2.179	3.111	8.1	21.6
4 21	14 51.44	−16 52.1	2.125	3.109	4.6	21.4
5 1	14 43.39	−16 13.1	2.099	3.106	0.9	21.1
5 11	14 35.19	−15 31.7	2.102	3.103	3.0	21.3
5 21	14 27.63	−14 51.9	2.132	3.100	6.6	21.5
5 31	14 21.42	−14 17.6	2.189	3.096	10.0	21.7
6 10	14 17.07	−13 52.0	2.268	3.092	12.9	21.9

498446 2008 AN_{116} 5 3.1 118°.49 2°.3/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.42	− 9 25.9	2.417	3.283	10.2	21.6
4 11	14 57.92	− 8 57.0	2.355	3.293	7.3	21.4
4 21	14 51.01	− 8 26.6	2.318	3.302	4.2	21.2
5 1	14 43.32	− 7 57.6	2.310	3.311	2.3	21.1
5 11	14 35.57	− 7 33.6	2.330	3.321	4.1	21.2
5 21	14 28.47	− 7 17.0	2.379	3.329	7.1	21.4
5 31	14 22.61	− 7 10.0	2.453	3.338	9.9	21.6
6 10	14 18.40	− 7 13.6	2.549	3.346	12.4	21.8

47950 2000 MP 5 3.1 63°.59 1°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.42	−21 16.8	1.529	2.392	15.2	19.1
4 11	15 0.68	−20 45.9	1.480	2.413	11.1	18.9
4 21	14 52.74	−20 0.6	1.453	2.435	6.5	18.6
5 1	14 43.61	−19 4.4	1.452	2.457	1.9	18.4
5 11	14 34.57	−18 3.0	1.477	2.480	3.6	18.6
5 21	14 26.73	−17 3.4	1.528	2.502	8.1	18.9
5 31	14 20.93	−16 11.9	1.603	2.524	12.1	19.2
6 10	14 17.67	−15 32.9	1.699	2.546	15.5	19.4

37255 2000 WX_{189} 5 3.1 341°.65 2°.2/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.02	−22 57.3	2.014	2.863	12.6	19.0
4 11	14 58.13	−22 54.6	1.935	2.859	9.5	18.7
4 21	14 51.35	−22 39.7	1.879	2.855	5.9	18.5
5 1	14 43.40	−22 13.6	1.849	2.851	2.7	18.3
5 11	14 35.22	−21 39.1	1.846	2.848	3.4	18.3
5 21	14 27.76	−21 0.6	1.871	2.844	6.9	18.5
5 31	14 21.82	−20 22.9	1.920	2.842	10.4	18.7
6 10	14 17.98	−19 50.7	1.992	2.839	13.5	18.9

8607 1971 UT 5 3.1 190°.02 0°.2/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.14	−19 7.5	1.795	2.653	13.5	18.8
4 11	15 1.16	−18 28.7	1.720	2.653	9.8	18.5
4 21	14 53.07	−17 37.6	1.668	2.652	5.6	18.3
5 1	14 43.70	−16 37.3	1.643	2.650	1.1	18.0
5 11	14 34.15	−15 33.0	1.646	2.648	3.6	18.1
5 21	14 25.48	−14 31.1	1.676	2.645	8.0	18.4
5 31	14 18.59	−13 37.5	1.731	2.641	12.0	18.6
6 10	14 14.05	−12 56.6	1.808	2.637	15.4	18.8

341068 2007 HN_{46} 5 3.1 309°.42 2°.1/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.94	−10 13.6	1.563	2.440	14.1	19.7
4 11	15 2.24	−10 22.5	1.476	2.419	10.3	19.4
4 21	14 53.97	−10 30.5	1.411	2.398	6.0	19.1
5 1	14 43.91	−10 40.0	1.372	2.377	2.1	18.8
5 11	14 33.26	−10 53.9	1.359	2.357	5.0	18.9
5 21	14 23.31	−11 14.7	1.371	2.337	9.8	19.2
5 31	14 15.24	−11 44.7	1.408	2.317	14.3	19.4
6 10	14 9.86	−12 25.2	1.464	2.298	18.1	19.6

392522 2011 QM_{36} 5 3.1 257°.60 2°.0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.70	−11 37.9	2.272	3.140	10.6	21.3
4 11	14 57.64	−10 56.8	2.188	3.128	7.6	21.1
4 21	14 50.98	−10 11.3	2.130	3.116	4.4	20.9
5 1	14 43.34	− 9 24.7	2.099	3.103	2.0	20.7
5 11	14 35.49	− 8 41.4	2.097	3.090	4.2	20.8
5 21	14 28.20	− 8 5.2	2.123	3.077	7.6	21.0
5 31	14 22.19	− 7 39.5	2.173	3.064	10.8	21.2
6 10	14 17.94	− 7 26.3	2.246	3.051	13.6	21.4

459439 2012 TB_{146} 5 3.1 308°.83 2°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.84	−28 43.0	4.076	4.880	7.6	20.7
4 11	14 54.41	−28 53.1	3.982	4.872	6.0	20.6
4 21	14 48.99	−28 55.0	3.914	4.865	4.3	20.5
5 1	14 42.98	−28 48.7	3.874	4.858	2.9	20.4
5 11	14 36.84	−28 35.3	3.862	4.850	2.8	20.4
5 21	14 31.02	−28 16.3	3.880	4.843	4.1	20.4
5 31	14 25.94	−27 53.9	3.926	4.836	5.9	20.6
6 10	14 21.94	−27 30.7	3.996	4.829	7.6	20.7

333917 1999 TX_{117} 5 3.1 254°.49 0°.2/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.96	−18 47.2	2.279	3.130	11.2	21.7
4 11	14 59.40	−18 11.0	2.179	3.108	8.2	21.4
4 21	14 52.05	−17 24.4	2.104	3.087	4.7	21.2
5 1	14 43.55	−16 29.6	2.057	3.064	0.9	20.8
5 11	14 34.74	−15 30.7	2.039	3.041	3.1	21.0
5 21	14 26.48	−14 32.3	2.050	3.017	6.9	21.2
5 31	14 19.55	−13 39.6	2.088	2.992	10.5	21.3
6 10	14 14.51	−12 56.8	2.148	2.967	13.6	21.5

98830 2001 AP_{4} 5 3.1 74°.56 7°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.87	+ 3 28.7	1.784	2.655	13.0	19.2
4 11	14 59.23	+ 4 34.7	1.743	2.669	10.2	19.1
4 21	14 51.83	+ 5 30.9	1.726	2.683	8.2	19.0
5 1	14 43.49	+ 6 10.8	1.734	2.697	7.8	19.0
5 11	14 35.18	+ 6 29.7	1.768	2.712	9.4	19.1
5 21	14 27.81	+ 6 26.1	1.825	2.726	11.9	19.3
5 31	14 22.09	+ 6 0.7	1.904	2.740	14.4	19.5
6 10	14 18.46	+ 5 16.1	2.002	2.754	16.7	19.7

354798 2005 UN_{518} 5 3.1 51°.54 3°.8/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.87	− 5 12.5	2.283	3.156	10.4	20.5
4 11	14 56.92	− 4 29.1	2.220	3.158	7.6	20.3
4 21	14 50.51	− 3 46.9	2.182	3.161	5.0	20.1
5 1	14 43.27	− 3 9.9	2.171	3.163	3.8	20.0
5 11	14 35.95	− 2 41.9	2.188	3.166	5.5	20.2
5 21	14 29.26	− 2 25.8	2.232	3.168	8.3	20.3
5 31	14 23.82	− 2 23.2	2.301	3.171	11.0	20.5
6 10	14 20.05	− 2 34.4	2.390	3.174	13.5	20.7

419228 2009 VT_{9} 5 3.1 29°.97 2°.1/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.76	−18 3.6	1.358	2.227	16.3	20.0
4 11	15 4.31	−18 58.8	1.302	2.238	12.0	19.7
4 21	14 55.06	−19 45.6	1.268	2.250	7.2	19.5
5 1	14 44.11	−20 22.6	1.259	2.264	2.6	19.3
5 11	14 32.93	−20 50.2	1.276	2.278	4.3	19.4
5 21	14 22.98	−21 11.0	1.318	2.292	9.0	19.7
5 31	14 15.43	−21 29.0	1.383	2.308	13.4	20.0
6 10	14 10.94	−21 48.5	1.468	2.324	17.0	20.3

158981 2004 RD_{307} 5 3.1 231°.81 4°.3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.37	− 2 51.9	2.432	3.293	10.3	20.3
4 11	15 0.18	− 2 16.7	2.348	3.279	7.7	20.1
4 21	14 52.40	− 1 43.8	2.290	3.263	5.3	19.9
5 1	14 43.63	− 1 17.1	2.261	3.247	4.3	19.8
5 11	14 34.62	− 1 0.2	2.260	3.231	5.9	19.9
5 21	14 26.16	− 0 55.6	2.287	3.214	8.6	20.0
5 31	14 18.92	− 1 4.7	2.340	3.196	11.4	20.2
6 10	14 13.41	− 1 27.5	2.414	3.177	13.9	20.3

202601 2006 HG_{21} 5 3.1 218°.95 2°.4/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.83	−10 31.5	2.117	2.987	11.2	20.8
4 11	14 58.50	− 9 48.4	2.042	2.982	8.1	20.6
4 21	14 51.48	− 9 1.8	1.993	2.978	4.7	20.4
5 1	14 43.46	− 8 15.4	1.971	2.973	2.4	20.2
5 11	14 35.27	− 7 33.9	1.977	2.968	4.6	20.3
5 21	14 27.75	− 7 1.2	2.010	2.963	8.1	20.5
5 31	14 21.62	− 6 40.4	2.069	2.957	11.3	20.7
6 10	14 17.38	− 6 33.2	2.148	2.951	14.2	20.9

299994 2006 UK_{20} 5 3.1 132°.01 0°.6/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.45	−19 39.2	2.829	3.672	9.6	23.1
4 11	14 57.83	−19 18.8	2.761	3.685	6.9	23.0
4 21	14 50.94	−18 50.9	2.719	3.698	4.0	22.8
5 1	14 43.35	−18 17.3	2.705	3.711	1.1	22.6
5 11	14 35.73	−17 40.5	2.722	3.723	2.3	22.7
5 21	14 28.69	−17 3.9	2.768	3.735	5.3	22.9
5 31	14 22.78	−16 30.4	2.841	3.747	8.0	23.1
6 10	14 18.39	−16 2.9	2.938	3.758	10.4	23.3

432415 2010 AZ_{33} 5 3.1 219°.58 2°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.52	−10 42.6	2.305	3.168	10.7	21.5
4 11	14 59.64	−10 10.3	2.222	3.159	7.7	21.3
4 21	14 52.12	− 9 34.7	2.165	3.150	4.4	21.1
5 1	14 43.58	− 8 58.9	2.136	3.139	2.1	20.9
5 11	14 34.84	− 8 26.7	2.136	3.129	4.2	21.0
5 21	14 26.68	− 8 1.6	2.165	3.117	7.6	21.2
5 31	14 19.84	− 7 46.4	2.219	3.105	10.8	21.4
6 10	14 14.81	− 7 42.8	2.295	3.093	13.5	21.5

406917 2009 FB_{16} 5 3.1 164°.83 0°.6/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.96	−14 35.4	1.681	2.546	13.9	21.5
4 11	15 3.30	−14 30.1	1.612	2.549	10.0	21.2
4 21	14 54.35	−14 18.3	1.567	2.552	5.6	21.0
5 1	14 43.99	−14 2.4	1.548	2.555	1.1	20.6
5 11	14 33.42	−13 45.9	1.556	2.557	4.0	20.9
5 21	14 23.80	−13 32.6	1.592	2.558	8.5	21.1
5 31	14 16.11	−13 26.4	1.652	2.560	12.6	21.4
6 10	14 10.96	−13 30.1	1.733	2.561	16.0	21.6

475128 2005 UU_{306} 5 3.1 252°.30 0°.3/ 3.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.74	−19 15.0	2.487	3.339	10.4	21.9
4 11	14 56.88	−18 38.8	2.400	3.330	7.6	21.7
4 21	14 50.54	−17 53.4	2.339	3.321	4.4	21.4
5 1	14 43.30	−17 1.0	2.306	3.312	0.9	21.2
5 11	14 35.91	−16 5.4	2.301	3.303	2.7	21.3
5 21	14 29.07	−15 10.9	2.325	3.293	6.1	21.5
5 31	14 23.43	−14 21.5	2.376	3.284	9.3	21.7
6 10	14 19.44	−13 40.9	2.450	3.274	12.0	21.8

499199 2009 SE_{363} 5 3.1 197°.45 1°.4/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.85	−21 27.6	2.060	2.906	12.5	22.7
4 11	15 0.84	−21 13.7	1.980	2.904	9.3	22.5
4 21	14 52.88	−20 48.3	1.923	2.901	5.6	22.3
5 1	14 43.73	−20 12.6	1.893	2.898	2.0	22.0
5 11	14 34.38	−19 30.0	1.892	2.894	3.2	22.1
5 21	14 25.76	−18 45.2	1.919	2.890	7.0	22.3
5 31	14 18.73	−18 3.1	1.972	2.885	10.6	22.5
6 10	14 13.84	−17 28.3	2.047	2.880	13.7	22.7

204158 2004 AT_{13} 5 3.1 209°.43 2°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.67	−11 1.9	2.188	3.057	11.0	20.5
4 11	14 58.34	−10 26.3	2.115	3.054	7.9	20.3
4 21	14 51.38	− 9 47.1	2.066	3.051	4.5	20.1
5 1	14 43.46	− 9 7.9	2.045	3.049	2.1	19.9
5 11	14 35.39	− 8 32.7	2.053	3.045	4.3	20.1
5 21	14 27.97	− 8 5.1	2.088	3.042	7.7	20.3
5 31	14 21.90	− 7 48.0	2.148	3.039	10.9	20.5
6 10	14 17.65	− 7 43.1	2.230	3.035	13.6	20.6

373522 2001 ST_{158} 5 3.1 199°.32 4°.6/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.44	− 4 28.3	2.346	3.213	10.4	22.3
4 11	14 58.76	− 2 58.3	2.275	3.209	7.7	22.2
4 21	14 51.56	− 1 27.7	2.231	3.204	5.4	22.0
5 1	14 43.49	− 0 2.6	2.215	3.198	4.7	22.0
5 11	14 35.30	+ 1 11.3	2.229	3.192	6.5	22.1
5 21	14 27.73	+ 2 9.5	2.270	3.185	9.3	22.2
5 31	14 21.42	+ 2 49.4	2.336	3.177	11.9	22.4
6 10	14 16.83	+ 3 10.5	2.423	3.168	14.3	22.5

210859 2001 RQ_{41} 5 3.1 173°.14 0°.4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.88	−18 39.9	2.585	3.433	10.2	21.2
4 11	14 58.31	−18 20.1	2.508	3.436	7.4	21.0
4 21	14 51.30	−17 52.6	2.456	3.438	4.3	20.8
5 1	14 43.44	−17 19.3	2.433	3.439	1.0	20.6
5 11	14 35.47	−16 43.0	2.439	3.440	2.6	20.7
5 21	14 28.09	−16 7.2	2.474	3.441	5.9	20.9
5 31	14 21.92	−15 35.4	2.536	3.442	8.8	21.1
6 10	14 17.39	−15 10.3	2.621	3.442	11.4	21.3

322603 2012 BQ_{56} 5 3.1 7°.07 0°.0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.70	−17 17.2	1.190	2.077	16.8	20.1
4 11	14 59.44	−16 55.6	1.130	2.077	12.2	19.8
4 21	14 52.41	−16 21.3	1.090	2.079	6.9	19.5
5 1	14 43.67	−15 38.1	1.074	2.081	1.2	19.1
5 11	14 34.69	−14 52.5	1.081	2.084	4.6	19.4
5 21	14 26.90	−14 11.7	1.111	2.087	10.1	19.7
5 31	14 21.46	−13 42.1	1.163	2.092	14.9	20.0
6 10	14 19.03	−13 27.9	1.233	2.098	19.0	20.2

352476 2008 BJ_{5} 5 3.1 43°.27 5°.5/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.88	− 0 29.6	2.111	2.982	11.2	20.3
4 11	14 57.72	+ 0 16.4	2.053	2.986	8.5	20.1
4 21	14 51.00	+ 0 57.4	2.020	2.990	6.2	20.0
5 1	14 43.39	+ 1 28.6	2.014	2.994	5.6	20.0
5 11	14 35.71	+ 1 45.9	2.035	2.998	7.1	20.1
5 21	14 28.74	+ 1 47.2	2.082	3.002	9.7	20.2
5 31	14 23.13	+ 1 31.8	2.152	3.006	12.3	20.4
6 10	14 19.32	+ 1 0.8	2.242	3.011	14.7	20.6

25402 Angelanorse 5 3.1 56°.92 0°.4/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.08	−16 53.9	1.413	2.289	15.4	18.8
4 11	15 0.70	−16 22.9	1.356	2.299	11.1	18.6
4 21	14 52.91	−15 41.1	1.321	2.308	6.2	18.3
5 1	14 43.74	−14 52.3	1.311	2.318	1.1	18.0
5 11	14 34.48	−14 2.8	1.327	2.329	4.2	18.2
5 21	14 26.37	−13 18.7	1.368	2.339	9.1	18.5
5 31	14 20.38	−12 45.7	1.432	2.350	13.5	18.8
6 10	14 17.07	−12 27.2	1.515	2.361	17.1	19.1

79710 1998 SK_{102} 5 3.1 197°.10 1°.8/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.98	−21 19.6	1.936	2.781	13.2	19.9
4 11	15 2.51	−21 24.2	1.856	2.779	9.8	19.7
4 21	14 53.90	−21 17.7	1.800	2.777	6.0	19.5
5 1	14 43.93	−21 0.5	1.770	2.774	2.3	19.2
5 11	14 33.68	−20 35.3	1.769	2.770	3.4	19.3
5 21	14 24.23	−20 6.1	1.795	2.766	7.4	19.5
5 31	14 16.49	−19 37.9	1.847	2.761	11.1	19.7
6 10	14 11.10	−19 15.2	1.921	2.756	14.4	19.9

306450 1998 XY_{44} 5 3.1 199°.74 4°.2/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.08	−29 39.1	2.269	3.078	12.8	21.2
4 11	15 2.45	−29 45.0	2.181	3.074	10.1	21.0
4 21	14 53.81	−29 35.1	2.116	3.069	7.1	20.8
5 1	14 43.92	−29 8.6	2.077	3.064	4.7	20.6
5 11	14 33.75	−28 27.4	2.067	3.057	4.5	20.6
5 21	14 24.32	−27 35.6	2.085	3.050	6.9	20.7
5 31	14 16.48	−26 38.9	2.130	3.043	9.9	20.9
6 10	14 10.83	−25 43.4	2.198	3.034	12.8	21.1

271889 2004 VX_{15} 5 3.1 148°.97 4°.3/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.69	− 4 14.6	2.220	3.088	10.8	21.0
4 11	14 58.93	− 3 21.2	2.161	3.096	8.0	20.8
4 21	14 51.65	− 2 29.5	2.127	3.103	5.3	20.6
5 1	14 43.51	− 1 44.1	2.122	3.110	4.4	20.6
5 11	14 35.33	− 1 9.5	2.144	3.117	6.1	20.7
5 21	14 27.85	− 0 48.4	2.194	3.123	8.8	20.9
5 31	14 21.73	− 0 42.5	2.268	3.128	11.6	21.1
6 10	14 17.41	− 0 51.7	2.363	3.133	14.0	21.2

71011 1999 XE_{45} 5 3.1 261°.94 1°.5/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.51	−12 34.4	1.932	2.800	12.2	19.7
4 11	14 59.93	−12 17.0	1.854	2.794	8.8	19.5
4 21	14 52.40	−11 55.1	1.801	2.787	5.0	19.2
5 1	14 43.67	−11 31.5	1.774	2.780	1.6	19.0
5 11	14 34.70	−11 10.0	1.775	2.773	4.1	19.1
5 21	14 26.44	−10 54.1	1.804	2.766	8.1	19.4
5 31	14 19.72	−10 47.1	1.857	2.759	11.7	19.6
6 10	14 15.14	−10 50.9	1.931	2.752	14.9	19.8

354363 2003 KK_{13} 5 3.1 263°.40 2°.6/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.07	− 8 0.2	2.343	3.210	10.4	20.4
4 11	14 58.55	− 7 44.8	2.270	3.207	7.5	20.3
4 21	14 51.49	− 7 29.2	2.221	3.205	4.5	20.1
5 1	14 43.50	− 7 16.1	2.201	3.202	2.6	19.9
5 11	14 35.37	− 7 8.4	2.210	3.199	4.4	20.0
5 21	14 27.83	− 7 8.3	2.246	3.196	7.4	20.2
5 31	14 21.55	− 7 17.6	2.307	3.193	10.4	20.4
6 10	14 17.00	− 7 37.0	2.391	3.190	13.0	20.6

299996 2006 UL_{26} 5 3.1 140°.16 0°.3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.45	−18 23.2	2.689	3.537	9.8	21.9
4 11	14 57.92	−18 3.4	2.619	3.547	7.1	21.8
4 21	14 51.05	−17 36.6	2.574	3.556	4.1	21.6
5 1	14 43.42	−17 4.5	2.558	3.564	0.9	21.3
5 11	14 35.73	−16 30.1	2.571	3.573	2.5	21.5
5 21	14 28.62	−15 56.4	2.613	3.580	5.6	21.7
5 31	14 22.68	−15 26.6	2.683	3.588	8.4	21.9
6 10	14 18.32	−15 3.4	2.776	3.595	10.9	22.1

272758 2005 YZ_{150} 5 3.1 182°.82 1°.1/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.20	−13 44.3	2.206	3.066	11.2	21.4
4 11	15 0.16	−13 19.9	2.131	3.066	8.1	21.2
4 21	14 52.42	−12 50.3	2.081	3.067	4.5	21.0
5 1	14 43.68	−12 18.1	2.060	3.066	1.2	20.8
5 11	14 34.78	−11 47.0	2.068	3.065	3.6	21.0
5 21	14 26.57	−11 20.5	2.103	3.064	7.2	21.2
5 31	14 19.77	−11 1.8	2.165	3.062	10.5	21.4
6 10	14 14.89	−10 53.1	2.249	3.059	13.4	21.6

71027 1999 XS_{62} 5 3.1 208°.60 0°.0/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.41	−18 4.7	2.184	3.040	11.5	20.3
4 11	14 58.95	−17 33.3	2.104	3.036	8.3	20.1
4 21	14 51.77	−16 52.8	2.048	3.032	4.7	19.9
5 1	14 43.56	−16 5.7	2.020	3.027	0.9	19.6
5 11	14 35.18	−15 15.9	2.021	3.023	3.1	19.7
5 21	14 27.47	−14 28.0	2.050	3.017	6.9	20.0
5 31	14 21.17	−13 46.5	2.105	3.012	10.3	20.2
6 10	14 16.78	−13 14.8	2.182	3.006	13.3	20.4

112759 2002 PX_{137} 5 3.1 336°.39 4°.7/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.16	− 7 56.0	1.381	2.270	14.8	19.5
4 11	14 59.42	− 6 54.3	1.317	2.265	10.8	19.3
4 21	14 52.28	− 5 49.8	1.276	2.261	6.7	19.0
5 1	14 43.67	− 4 49.7	1.260	2.258	4.7	18.9
5 11	14 34.83	− 4 1.7	1.268	2.254	7.4	19.0
5 21	14 26.99	− 3 31.4	1.300	2.251	11.6	19.2
5 31	14 21.15	− 3 22.3	1.353	2.249	15.7	19.5
6 10	14 17.96	− 3 34.5	1.425	2.247	19.2	19.7

498744 2008 TY_{160} 5 3.1 166°.00 1°.2/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.49	−18 57.7	2.032	2.882	12.5	21.2
4 11	15 2.04	−19 14.0	1.956	2.884	9.2	21.0
4 21	14 53.59	−19 22.2	1.905	2.885	5.4	20.7
5 1	14 43.91	−19 22.8	1.882	2.887	1.7	20.5
5 11	14 33.98	−19 17.7	1.886	2.888	3.2	20.6
5 21	14 24.81	−19 9.8	1.919	2.889	7.0	20.8
5 31	14 17.25	−19 2.7	1.977	2.890	10.6	21.1
6 10	14 11.88	−19 0.0	2.058	2.890	13.7	21.3

147365 2003 CH_{13} 5 3.1 82°.79 0°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.94	−16 28.1	1.721	2.582	13.8	20.0
4 11	15 2.98	−16 18.8	1.675	2.609	9.9	19.8
4 21	14 53.99	−16 1.5	1.652	2.636	5.6	19.6
5 1	14 43.94	−15 38.7	1.656	2.663	1.0	19.4
5 11	14 33.99	−15 14.2	1.688	2.689	3.6	19.6
5 21	14 25.17	−14 52.2	1.747	2.715	7.8	19.9
5 31	14 18.29	−14 36.6	1.831	2.740	11.5	20.2
6 10	14 13.81	−14 30.1	1.936	2.765	14.6	20.5

415085 2012 BZ_{111} 5 3.1 94°.21 2°.6/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.62	−23 36.9	1.576	2.427	15.4	21.2
4 11	15 2.45	−23 29.8	1.516	2.441	11.5	20.9
4 21	14 53.88	−23 6.8	1.478	2.454	7.2	20.7
5 1	14 43.95	−22 29.1	1.465	2.467	3.2	20.5
5 11	14 33.94	−21 41.2	1.479	2.480	4.0	20.6
5 21	14 25.07	−20 49.2	1.519	2.493	8.1	20.9
5 31	14 18.32	−19 59.9	1.583	2.506	12.1	21.1
6 10	14 14.24	−19 19.4	1.668	2.518	15.6	21.4

436789 2012 PH_{30} 5 3.1 290°.95 7°.9/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.82	+ 1 54.2	1.804	2.678	12.7	20.7
4 11	14 58.95	+ 3 26.4	1.718	2.647	10.1	20.4
4 21	14 52.00	+ 4 55.4	1.656	2.615	8.2	20.3
5 1	14 43.65	+ 6 12.7	1.620	2.584	8.2	20.2
5 11	14 34.87	+ 7 10.5	1.609	2.552	10.2	20.2
5 21	14 26.66	+ 7 43.4	1.622	2.520	13.3	20.3
5 31	14 19.96	+ 7 49.2	1.656	2.487	16.5	20.5
6 10	14 15.44	+ 7 28.8	1.707	2.455	19.3	20.6

302821 2003 CC_{9} 5 3.1 142°.45 3°.6/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.75	−25 7.0	1.566	2.408	15.9	21.2
4 11	15 4.88	−25 18.5	1.499	2.416	12.1	21.0
4 21	14 55.36	−25 13.2	1.453	2.424	7.9	20.8
5 1	14 44.23	−24 50.5	1.433	2.432	4.2	20.6
5 11	14 32.89	−24 13.7	1.440	2.439	4.6	20.6
5 21	14 22.70	−23 28.4	1.473	2.445	8.5	20.9
5 31	14 14.77	−22 42.1	1.530	2.451	12.6	21.1
6 10	14 9.74	−22 1.5	1.608	2.456	16.1	21.4

384946 2012 TN_{126} 5 3.1 245°.89 0°.5/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.62	−18 6.2	2.076	2.932	12.0	21.8
4 11	14 59.98	−17 57.7	1.992	2.924	8.8	21.6
4 21	14 52.44	−17 40.7	1.933	2.915	5.1	21.4
5 1	14 43.72	−17 16.8	1.900	2.907	1.1	21.1
5 11	14 34.72	−16 49.1	1.896	2.898	3.1	21.2
5 21	14 26.39	−16 21.4	1.919	2.889	7.1	21.4
5 31	14 19.53	−15 57.8	1.968	2.879	10.7	21.6
6 10	14 14.74	−15 41.7	2.039	2.870	13.9	21.8

338100 2002 PY_{189} 5 3.1 283°.77 2°.9/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.11	− 9 58.8	1.936	2.811	11.9	21.3
4 11	14 58.11	− 9 8.4	1.867	2.809	8.5	21.1
4 21	14 51.34	− 8 14.4	1.822	2.807	5.0	20.9
5 1	14 43.51	− 7 21.5	1.804	2.805	2.9	20.7
5 11	14 35.54	− 6 35.0	1.814	2.803	5.1	20.9
5 21	14 28.30	− 5 59.3	1.850	2.801	8.7	21.1
5 31	14 22.55	− 5 37.5	1.910	2.799	12.1	21.3
6 10	14 18.79	− 5 31.0	1.991	2.797	15.0	21.5

310485 2000 SD_{344} 5 3.1 158°.82 0°.0/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.99	−18 12.7	1.817	2.675	13.3	21.4
4 11	15 1.71	−17 33.0	1.749	2.682	9.7	21.2
4 21	14 53.39	−16 42.3	1.704	2.688	5.5	20.9
5 1	14 43.88	−15 43.9	1.687	2.693	1.0	20.6
5 11	14 34.27	−14 43.1	1.697	2.698	3.6	20.8
5 21	14 25.58	−13 45.9	1.735	2.702	7.9	21.1
5 31	14 18.68	−12 57.6	1.799	2.706	11.8	21.4
6 10	14 14.10	−12 22.1	1.883	2.708	15.0	21.6

116659 2004 CW_{36} 5 3.2 94°.13 5°.3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.29	− 2 27.2	2.120	2.994	11.0	19.8
4 11	14 57.27	− 1 13.5	2.068	3.004	8.3	19.6
4 21	14 50.75	− 0 2.8	2.042	3.014	5.9	19.5
5 1	14 43.40	+ 0 59.1	2.043	3.023	5.3	19.5
5 11	14 36.04	+ 1 47.2	2.071	3.033	7.0	19.6
5 21	14 29.39	+ 2 18.2	2.125	3.043	9.6	19.8
5 31	14 24.10	+ 2 30.8	2.203	3.052	12.3	20.0
6 10	14 20.58	+ 2 25.5	2.300	3.062	14.5	20.2

383991 2008 TP_{163} 5 3.2 293°.10 1°.1/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.81	−20 10.2	1.844	2.702	13.2	21.5
4 11	14 59.57	−19 56.2	1.766	2.697	9.7	21.2
4 21	14 52.28	−19 30.8	1.711	2.693	5.8	21.0
5 1	14 43.70	−18 55.7	1.683	2.688	1.7	20.7
5 11	14 34.89	−18 14.8	1.681	2.684	3.3	20.8
5 21	14 26.84	−17 32.9	1.707	2.679	7.5	21.0
5 31	14 20.47	−16 55.3	1.757	2.675	11.4	21.3
6 10	14 16.36	−16 26.4	1.828	2.670	14.7	21.5

404691 2014 HW_{182} 5 3.2 274°.71 2°.4/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.11	−10 44.0	2.310	3.181	10.4	21.1
4 11	14 56.48	− 9 47.6	2.232	3.173	7.4	20.9
4 21	14 50.36	− 8 47.0	2.180	3.165	4.3	20.7
5 1	14 43.36	− 7 46.5	2.156	3.158	2.4	20.5
5 11	14 36.21	− 6 50.6	2.161	3.150	4.5	20.7
5 21	14 29.63	− 6 3.8	2.193	3.142	7.7	20.8
5 31	14 24.27	− 5 29.2	2.250	3.135	10.7	21.0
6 10	14 20.59	− 5 8.7	2.329	3.127	13.3	21.2

215998 2005 SH_{201} 5 3.2 334°.61 2°.1/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.04	−12 23.5	1.910	2.787	11.9	20.3
4 11	14 56.72	−11 36.7	1.835	2.779	8.6	20.0
4 21	14 50.61	−10 44.2	1.784	2.771	4.9	19.8
5 1	14 43.42	− 9 50.1	1.760	2.764	2.1	19.6
5 11	14 36.03	− 8 59.8	1.762	2.757	4.5	19.7
5 21	14 29.33	− 8 18.0	1.791	2.751	8.3	19.9
5 31	14 24.09	− 7 48.8	1.845	2.745	11.9	20.1
6 10	14 20.82	− 7 34.2	1.918	2.739	15.0	20.3

181912 1999 TP_{41} 5 3.2 80°.07 0°.1/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.09	−17 38.7	1.499	2.369	15.0	20.8
4 11	15 1.32	−17 6.2	1.443	2.382	10.8	20.6
4 21	14 53.25	−16 22.4	1.410	2.396	6.1	20.3
5 1	14 43.89	−15 31.3	1.402	2.409	1.1	20.0
5 11	14 34.50	−14 38.7	1.421	2.423	4.0	20.3
5 21	14 26.24	−13 50.8	1.466	2.436	8.7	20.6
5 31	14 20.05	−13 13.2	1.534	2.450	12.9	20.8
6 10	14 16.45	−12 49.4	1.622	2.463	16.4	21.1

87317 2000 QM_{5} 5 3.2 174°.59 0°.9/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.65	−19 59.9	2.182	3.030	11.8	20.1
4 11	15 0.57	−19 45.4	2.106	3.032	8.7	19.9
4 21	14 52.72	−19 21.0	2.054	3.034	5.1	19.7
5 1	14 43.80	−18 48.5	2.030	3.035	1.5	19.4
5 11	14 34.73	−18 11.0	2.034	3.036	3.0	19.6
5 21	14 26.37	−17 32.6	2.067	3.037	6.7	19.8
5 31	14 19.51	−16 57.7	2.126	3.037	10.1	20.0
6 10	14 14.64	−16 30.1	2.208	3.036	13.0	20.2

14012 Amedee 5 3.2 184.°66 5.°3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.79	+ 0 31.1	2.367	3.229	10.5	17.5
4 11	14 59.00	+ 1 13.3	2.303	3.229	8.0	17.3
4 21	14 51.74	+ 1 50.3	2.264	3.229	6.0	17.2
5 1	14 43.62	+ 2 17.7	2.253	3.228	5.4	17.2
5 11	14 35.40	+ 2 32.2	2.270	3.227	6.8	17.2
5 21	14 27.82	+ 2 31.6	2.314	3.226	9.2	17.4
5 31	14 21.50	+ 2 15.5	2.382	3.224	11.7	17.5
6 10	14 16.88	+ 1 44.7	2.470	3.222	13.9	17.7

146105 2000 QW_{72} 5 3.2 246.°92 2.°3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.32	−10 11.6	2.504	3.370	9.8	20.6
4 11	14 57.29	− 9 25.6	2.419	3.357	7.1	20.4
4 21	14 50.82	− 8 36.2	2.359	3.344	4.1	20.2
5 1	14 43.46	− 7 47.0	2.328	3.330	2.3	20.0
5 11	14 35.92	− 7 2.0	2.327	3.316	4.2	20.1
5 21	14 28.89	− 6 24.7	2.353	3.301	7.3	20.3
5 31	14 22.98	− 5 58.1	2.405	3.287	10.2	20.4
6 10	14 18.68	− 5 44.0	2.479	3.272	12.8	20.6

303936 2005 VY_{126} 5 3.2 335.°90 0.°4/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.68	−17 25.3	1.984	2.847	12.2	20.9
4 11	14 58.64	−17 21.9	1.906	2.841	8.9	20.7
4 21	14 51.72	−17 10.8	1.851	2.835	5.1	20.4
5 1	14 43.63	−16 53.6	1.823	2.830	1.1	20.1
5 11	14 35.30	−16 33.3	1.823	2.825	3.2	20.3
5 21	14 27.65	−16 13.4	1.849	2.820	7.2	20.5
5 31	14 21.50	−15 57.9	1.901	2.816	10.8	20.7
6 10	14 17.42	−15 49.8	1.974	2.812	14.0	20.9

17493 Wildcat 5 3.2 89.°77 12.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 32.50	−63 54.6	2.566	3.098	17.2	19.9
4 11	15 19.71	−64 12.9	2.512	3.137	16.0	19.9
4 21	15 3.39	−63 58.4	2.471	3.174	14.7	19.8
5 1	14 45.61	−63 5.9	2.449	3.211	13.5	19.8
5 11	14 28.78	−61 35.5	2.447	3.246	12.6	19.7
5 21	14 14.79	−59 32.9	2.467	3.281	12.2	19.8
5 31	14 4.66	−57 7.6	2.512	3.315	12.3	19.8
6 10	13 58.60	−54 31.3	2.581	3.348	13.0	19.9

182129 2000 RR_{99} 5 3.2 159.°55 8.°0/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.71	−48 15.2	3.195	3.867	12.1	20.9
4 11	15 4.30	−48 59.8	3.113	3.874	10.8	20.8
4 21	14 54.88	−49 25.5	3.052	3.880	9.5	20.7
5 1	14 44.20	−49 29.4	3.013	3.886	8.4	20.6
5 11	14 33.25	−49 11.2	3.000	3.891	8.0	20.6
5 21	14 23.02	−48 32.8	3.012	3.896	8.2	20.6
5 31	14 14.38	−47 38.5	3.049	3.900	9.2	20.7
6 10	14 7.92	−46 34.4	3.109	3.904	10.4	20.8

475757 2006 WO_{153} 5 3.2 194.°25 5.°9/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.92	+ 5 20.8	2.813	3.665	9.3	21.6
4 11	14 57.48	+ 6 4.7	2.751	3.663	7.5	21.5
4 21	14 50.82	+ 6 41.4	2.715	3.661	6.2	21.4
5 1	14 43.45	+ 7 6.8	2.706	3.658	6.0	21.3
5 11	14 36.02	+ 7 18.1	2.725	3.656	7.1	21.4
5 21	14 29.09	+ 7 13.9	2.770	3.652	8.9	21.5
5 31	14 23.22	+ 6 54.0	2.839	3.649	10.9	21.7
6 10	14 18.77	+ 6 19.7	2.929	3.645	12.6	21.8

216222 2006 UG_{108} 5 3.2 100.°56 0.°9/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.80	−15 45.6	2.290	3.153	10.8	20.7
4 11	14 56.94	−14 55.6	2.221	3.158	7.7	20.5
4 21	14 50.60	−13 58.3	2.177	3.163	4.3	20.3
5 1	14 43.42	−12 57.3	2.161	3.168	1.0	20.0
5 11	14 36.17	−11 57.1	2.174	3.172	3.3	20.2
5 21	14 29.57	−11 2.4	2.215	3.177	6.8	20.4
5 31	14 24.27	−10 16.9	2.281	3.181	9.9	20.6
6 10	14 20.67	− 9 43.4	2.370	3.186	12.6	20.8

383744 2007 VA_{84} 5 3.2 106.°62 4.°7/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.29	− 2 37.3	2.238	3.107	10.7	20.6
4 11	14 57.94	− 1 45.0	2.184	3.118	8.0	20.4
4 21	14 51.12	− 0 55.9	2.156	3.129	5.6	20.3
5 1	14 43.51	− 0 14.6	2.155	3.139	4.8	20.3
5 11	14 35.88	+ 0 14.8	2.182	3.150	6.4	20.4
5 21	14 28.94	+ 0 29.9	2.236	3.160	8.9	20.5
5 31	14 23.32	+ 0 29.4	2.313	3.170	11.5	20.7
6 10	14 19.42	+ 0 13.9	2.412	3.179	13.8	20.9

312665 2010 LY_{15} 5 3.2 322.°42 3.°3/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.26	−12 8.5	1.100	2.000	16.8	20.3
4 11	14 58.82	−11 17.4	1.025	1.979	12.3	20.0
4 21	14 52.36	−10 15.8	0.969	1.960	7.1	19.6
5 1	14 43.81	− 9 10.8	0.936	1.941	3.3	19.3
5 11	14 34.67	− 8 11.5	0.926	1.923	6.9	19.5
5 21	14 26.50	− 7 26.9	0.937	1.905	12.6	19.7
5 31	14 20.70	− 7 3.7	0.967	1.889	17.9	19.9
6 10	14 18.14	− 7 4.7	1.014	1.875	22.5	20.2

161414 2003 UD_{253} 5 3.2 256.°58 0.°0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.04	−16 38.0	2.235	3.090	11.3	20.8
4 11	15 0.26	−16 25.3	2.139	3.071	8.2	20.6
4 21	14 52.64	−16 5.5	2.068	3.052	4.7	20.3
5 1	14 43.82	−15 40.1	2.025	3.032	0.8	20.0
5 11	14 34.66	−15 12.1	2.011	3.012	3.1	20.1
5 21	14 26.03	−14 45.1	2.025	2.991	7.0	20.3
5 31	14 18.75	−14 23.0	2.065	2.970	10.6	20.5
6 10	14 13.41	−14 8.9	2.127	2.949	13.7	20.7

211072 2002 CH_{223} 5 3.2 170.°76 1.°6/ 4.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.11	−22 7.5	1.813	2.660	13.9	21.3
4 11	15 2.66	−21 46.0	1.739	2.664	10.3	21.1
4 21	14 54.01	−21 10.6	1.689	2.667	6.2	20.9
5 1	14 44.06	−20 22.9	1.665	2.669	2.2	20.6
5 11	14 33.93	−19 27.4	1.669	2.671	3.5	20.7
5 21	14 24.75	−18 29.8	1.701	2.673	7.7	20.9
5 31	14 17.41	−17 36.5	1.759	2.673	11.6	21.2
6 10	14 12.52	−16 52.7	1.837	2.673	15.0	21.4

475434 2006 QR_{121} 5 3.2 270.°45 1.°5/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.77	−20 58.1	2.271	3.115	11.5	21.6
4 11	15 0.12	−20 59.7	2.172	3.095	8.6	21.3
4 21	14 52.60	−20 51.8	2.097	3.074	5.3	21.1
5 1	14 43.82	−20 35.0	2.049	3.053	2.0	20.8
5 11	14 34.67	−20 11.4	2.030	3.031	3.0	20.9
5 21	14 26.02	−19 44.2	2.039	3.010	6.7	21.0
5 31	14 18.73	−19 17.7	2.075	2.988	10.2	21.2
6 10	14 13.40	−18 55.8	2.133	2.965	13.3	21.4

272749 2005 YW_{131} 5 3.2 160.°66 1.°3/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.72	−13 39.8	2.137	3.000	11.4	21.3
4 11	14 59.85	−13 7.6	2.068	3.004	8.2	21.1
4 21	14 52.28	−12 29.8	2.023	3.009	4.6	20.9
5 1	14 43.74	−11 49.7	2.007	3.013	1.4	20.7
5 11	14 35.09	−11 11.3	2.019	3.017	3.7	20.9
5 21	14 27.17	−10 38.5	2.060	3.020	7.4	21.1
5 31	14 20.70	−10 14.7	2.125	3.022	10.7	21.3
6 10	14 16.16	−10 2.1	2.213	3.025	13.5	21.5

17636 1996 PQ 5 3.2 155.°05 4.°4/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.14	− 7 9.8	1.671	2.547	13.4	18.2
4 11	15 1.17	− 6 7.7	1.611	2.552	9.7	18.0
4 21	14 53.13	− 5 4.4	1.575	2.557	6.1	17.8
5 1	14 43.89	− 4 6.1	1.566	2.561	4.4	17.7
5 11	14 34.57	− 3 19.0	1.583	2.565	6.7	17.8
5 21	14 26.20	− 2 47.8	1.627	2.569	10.4	18.1
5 31	14 19.63	− 2 35.1	1.693	2.572	13.9	18.3
6 10	14 15.39	− 2 40.9	1.779	2.575	16.9	18.5

235220 2003 SE_{232} 5 3.2 199.°41 3.°6/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.63	− 6 22.0	2.381	3.249	10.2	21.4
4 11	14 58.21	− 5 25.3	2.309	3.246	7.5	21.2
4 21	14 51.33	− 4 27.9	2.263	3.242	4.8	21.0
5 1	14 43.57	− 3 34.3	2.245	3.238	3.6	21.0
5 11	14 35.70	− 2 48.9	2.256	3.233	5.4	21.1
5 21	14 28.42	− 2 15.1	2.294	3.228	8.2	21.2
5 31	14 22.36	− 1 55.4	2.358	3.223	11.0	21.4
6 10	14 17.98	− 1 50.4	2.442	3.216	13.5	21.6

359383 2010 FM_{92} 5 3.2 321.°84 0.°3/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.93	−19 2.5	1.121	2.010	17.4	20.5
4 11	14 58.56	−18 8.8	1.045	1.994	12.8	20.1
4 21	14 52.18	−16 54.8	0.989	1.978	7.3	19.8
5 1	14 43.79	−15 25.4	0.955	1.962	1.3	19.3
5 11	14 34.88	−13 50.1	0.945	1.948	5.1	19.5
5 21	14 27.03	−12 20.5	0.957	1.934	11.2	19.8
5 31	14 21.60	−11 7.1	0.990	1.921	16.7	20.1
6 10	14 19.39	−10 17.0	1.040	1.909	21.4	20.3

420054 2011 DR_{30} 5 3.2 84.°18 1.°2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.02	−12 9.2	1.767	2.630	13.4	20.9
4 11	15 3.77	−12 13.9	1.717	2.653	9.6	20.7
4 21	14 54.50	−12 15.2	1.691	2.676	5.3	20.5
5 1	14 44.14	−12 15.2	1.693	2.699	1.4	20.3
5 11	14 33.81	−12 16.4	1.722	2.721	4.0	20.5
5 21	14 24.55	−12 21.6	1.780	2.743	8.1	20.8
5 31	14 17.18	−12 33.1	1.862	2.765	11.7	21.1
6 10	14 12.18	−12 52.5	1.966	2.786	14.7	21.3

141277 2001 YT_{47} 5 3.2 251.°63 0.°9/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.70	−13 53.2	2.381	3.242	10.5	20.6
4 11	14 58.39	−13 32.9	2.296	3.232	7.5	20.4
4 21	14 51.49	−13 7.6	2.236	3.221	4.2	20.2
5 1	14 43.62	−12 39.7	2.204	3.210	1.1	19.9
5 11	14 35.54	−12 12.4	2.201	3.199	3.3	20.1
5 21	14 27.99	−11 48.9	2.226	3.188	6.8	20.3
5 31	14 21.68	−11 32.2	2.277	3.176	10.0	20.4
6 10	14 17.11	−11 24.6	2.350	3.165	12.8	20.6

341111 2007 LY_2 5 3.2 244.°87 6.°0/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.96	+ 0 9.5	2.212	3.079	10.9	21.4
4 11	14 58.62	+ 1 24.9	2.135	3.063	8.5	21.3
4 21	14 51.65	+ 2 37.2	2.083	3.047	6.5	21.1
5 1	14 43.66	+ 3 40.2	2.059	3.030	6.2	21.1
5 11	14 35.45	+ 4 28.6	2.063	3.013	7.9	21.1
5 21	14 27.81	+ 4 58.6	2.092	2.995	10.5	21.3
5 31	14 21.45	+ 5 8.5	2.144	2.977	13.2	21.4
6 10	14 16.90	+ 4 58.8	2.216	2.958	15.6	21.5

192674 1999 RB_{224} 5 3.2 242.°46 2.°6/ 5.3 18

4 1	15 6.20	−25 13.4	2.250	3.081	12.1	20.5
4 11	15 0.43	−25 3.6	2.154	3.067	9.2	20.3
4 21	14 52.76	−24 40.2	2.082	3.052	6.0	20.1
5 1	14 43.88	−24 3.7	2.037	3.036	3.1	19.9
5 11	14 34.68	−23 16.7	2.021	3.020	3.4	19.9
5 21	14 26.09	−22 23.5	2.032	3.003	6.6	20.0
5 31	14 18.94	−21 29.4	2.071	2.986	10.0	20.2
6 10	14 13.84	−20 39.9	2.132	2.969	13.1	20.4

479045 2013 AR_{41} 5 3.2 173.°00 4.°2/29.2 17

4 1	15 2.36	− 2 43.2	2.563	3.430	9.6	22.2
4 11	14 57.19	− 1 58.2	2.498	3.431	7.2	22.0
4 21	14 50.71	− 1 15.7	2.460	3.432	5.0	21.9
5 1	14 43.48	− 0 39.6	2.449	3.433	4.2	21.8
5 11	14 36.17	− 0 13.5	2.466	3.434	5.7	21.9
5 21	14 29.41	+ 0 0.3	2.511	3.435	8.1	22.0
5 31	14 23.78	+ 0 0.6	2.581	3.435	10.5	22.2
6 10	14 19.68	− 0 12.5	2.671	3.435	12.7	22.4

434569 2005 UU_2 5 3.2 210.°32 4.°8/28.8 18

4 1	15 6.25	+ 3 17.6	3.056	3.902	8.8	21.7
4 11	14 59.82	+ 3 36.5	2.981	3.895	6.9	21.5
4 21	14 52.15	+ 3 49.2	2.933	3.888	5.3	21.4
5 1	14 43.75	+ 3 52.9	2.914	3.880	4.9	21.4
5 11	14 35.25	+ 3 45.3	2.924	3.872	6.0	21.4
5 21	14 27.22	+ 3 25.4	2.963	3.863	7.9	21.5
5 31	14 20.19	+ 2 53.3	3.028	3.853	9.9	21.7
6 10	14 14.57	+ 2 9.8	3.115	3.844	11.7	21.8

333943 1999 VO_{164} 5 3.2 244.°86 0.°5/ 3.6 17

4 1	15 6.30	−18 35.4	2.447	3.293	10.7	21.7
4 11	15 0.34	−18 19.0	2.347	3.274	7.9	21.5
4 21	14 52.66	−17 54.1	2.272	3.254	4.6	21.2
5 1	14 43.87	−17 22.3	2.226	3.233	1.1	20.9
5 11	14 34.76	−16 46.4	2.210	3.211	2.8	21.0
5 21	14 26.15	−16 9.9	2.222	3.189	6.5	21.2
5 31	14 18.78	−15 36.8	2.261	3.166	9.8	21.4
6 10	14 13.23	−15 10.8	2.323	3.142	12.8	21.6

90722 1991 TE_4 5 3.2 223.°20 2.°7/ 5.0 18

4 1	15 9.73	−23 56.4	2.326	3.153	11.9	19.4
4 11	15 2.96	−24 19.1	2.233	3.144	9.1	19.2
4 21	14 54.21	−24 31.4	2.165	3.133	5.9	19.0
5 1	14 44.16	−24 32.7	2.124	3.122	3.1	18.8
5 11	14 33.73	−24 23.8	2.113	3.110	3.6	18.8
5 21	14 23.89	−24 7.6	2.130	3.098	6.6	19.0
5 31	14 15.49	−23 47.9	2.175	3.085	9.9	19.2
6 10	14 9.17	−23 29.4	2.242	3.072	12.8	19.3

97026 1999 TF_{287} 5 3.2 277.°91 1.°2/ 4.1 18

4 1	15 4.45	−21 10.6	1.858	2.714	13.2	19.9
4 11	14 59.34	−20 46.4	1.779	2.709	9.8	19.7
4 21	14 52.19	−20 9.3	1.722	2.703	5.8	19.4
5 1	14 43.78	−19 21.4	1.692	2.698	1.8	19.1
5 11	14 35.14	−18 26.9	1.689	2.692	3.3	19.2
5 21	14 27.28	−17 31.4	1.714	2.686	7.5	19.5
5 31	14 21.08	−16 40.7	1.763	2.681	11.3	19.7
6 10	14 17.10	−15 59.7	1.833	2.675	14.7	19.9

474126 1995 QG_{13} 5 3.2 232.°93 0.°5/ 3.6 16

4 1	15 2.70	−19 50.4	2.435	3.285	10.7	22.4
4 11	14 57.65	−19 12.6	2.349	3.277	7.8	22.2
4 21	14 51.07	−18 24.9	2.288	3.269	4.5	22.0
5 1	14 43.57	−17 29.5	2.255	3.261	1.1	21.7
5 11	14 35.91	−16 30.5	2.251	3.253	2.7	21.8
5 21	14 28.83	−15 32.1	2.276	3.245	6.2	22.0
5 31	14 22.99	−14 39.0	2.328	3.236	9.4	22.2
6 10	14 18.86	−13 54.8	2.402	3.227	12.2	22.4

199900 Brunoganz 5 3.2 304.°74 3.°2/ 1.7 17

4 1	15 9.22	− 7 4.8	1.635	2.509	13.8	19.7
4 11	15 3.08	− 7 11.4	1.551	2.491	10.1	19.4
4 21	14 54.49	− 7 20.2	1.490	2.474	6.1	19.1
5 1	14 44.23	− 7 34.0	1.455	2.457	3.2	18.9
5 11	14 33.48	− 7 55.8	1.448	2.441	5.6	19.0
5 21	14 23.45	− 8 27.4	1.466	2.424	9.9	19.2
5 31	14 15.25	− 9 10.0	1.508	2.408	14.1	19.4
6 10	14 9.63	−10 3.6	1.571	2.392	17.7	19.6

46922 1998 ST_{19} 5 3.2 58.°40 0.°5/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.27	−16 45.8	1.423	2.299	15.3	18.4
4 11	15 0.86	−16 14.1	1.368	2.310	11.0	18.2
4 21	14 53.08	−15 31.8	1.334	2.321	6.2	17.9
5 1	14 43.94	−14 42.9	1.326	2.333	1.1	17.6
5 11	14 34.73	−13 53.6	1.343	2.345	4.2	17.9
5 21	14 26.67	−13 9.9	1.386	2.357	9.1	18.2
5 31	14 20.72	−12 37.5	1.452	2.369	13.4	18.5
6 10	14 17.41	−12 19.4	1.537	2.382	16.9	18.7

276713 2004 BH_{74} 5 3.2 115.°64 1.°6/ 2.1 16

4 1	15 8.04	−13 36.9	1.805	2.671	13.0	21.9
4 11	15 1.65	−12 58.3	1.749	2.688	9.3	21.7
4 21	14 53.34	−12 13.6	1.718	2.704	5.2	21.5
5 1	14 43.98	−11 26.9	1.714	2.720	1.6	21.3
5 11	14 34.62	−10 43.2	1.738	2.735	4.2	21.5
5 21	14 26.25	−10 7.0	1.790	2.750	8.2	21.7
5 31	14 19.64	− 9 42.0	1.866	2.764	11.9	22.0
6 10	14 15.27	− 9 30.3	1.963	2.778	14.9	22.2

346057 2007 UO_{48} 5 3.2 100.°24 2.°5/ 1.4 17

4 1	15 5.15	− 8 46.9	2.177	3.044	11.1	20.7
4 11	14 59.39	− 8 27.7	2.114	3.052	7.9	20.5
4 21	14 52.03	− 8 7.7	2.076	3.060	4.7	20.3
5 1	14 43.75	− 7 49.8	2.066	3.068	2.5	20.2
5 11	14 35.39	− 7 37.4	2.085	3.076	4.4	20.3
5 21	14 27.74	− 7 32.7	2.131	3.083	7.7	20.5
5 31	14 21.48	− 7 37.8	2.202	3.091	10.7	20.7
6 10	14 17.08	− 7 53.3	2.295	3.098	13.4	20.9

435271 2007 TV_{252} 5 3.2 220.°97 0.°7/ 2.6 17

4 1	15 4.38	−14 51.1	2.265	3.126	11.0	22.1
4 11	14 58.92	−14 29.5	2.185	3.121	7.9	21.9
4 21	14 51.82	−14 2.0	2.131	3.116	4.4	21.7
5 1	14 43.72	−13 31.0	2.104	3.111	0.9	21.4
5 11	14 35.44	−13 0.0	2.106	3.106	3.3	21.6
5 21	14 27.77	−12 32.4	2.136	3.100	6.9	21.8
5 31	14 21.42	−12 11.7	2.192	3.094	10.2	22.0
6 10	14 16.90	−12 0.2	2.270	3.088	13.0	22.2

390313 2013 AU_{119} 5 3.2 119.°58 0.°3/ 3.5 18

4 1	15 3.34	−18 18.9	2.461	3.313	10.5	21.7
4 11	14 58.01	−17 59.5	2.391	3.321	7.6	21.5
4 21	14 51.22	−17 32.5	2.346	3.329	4.4	21.3
5 1	14 43.60	−17 0.0	2.330	3.336	0.9	21.1
5 11	14 35.90	−16 25.0	2.342	3.343	2.6	21.3
5 21	14 28.82	−15 51.0	2.382	3.351	6.0	21.5
5 31	14 23.00	−15 21.3	2.449	3.358	9.0	21.7
6 10	14 18.86	−14 58.9	2.540	3.364	11.6	21.9

418064 2007 VQ_{192} 5 3.2 156.°17 1.°7/ 2.1 17

4 1	15 8.23	−12 57.5	1.815	2.681	13.0	21.9
4 11	15 1.91	−12 26.9	1.749	2.687	9.3	21.7
4 21	14 53.57	−11 50.6	1.707	2.693	5.2	21.4
5 1	14 44.04	−11 12.4	1.692	2.698	1.7	21.2
5 11	14 34.40	−10 36.9	1.706	2.702	4.3	21.4
5 21	14 25.64	−10 8.3	1.746	2.706	8.4	21.7
5 31	14 18.63	− 9 50.3	1.811	2.710	12.2	21.9
6 10	14 13.90	− 9 45.1	1.897	2.713	15.3	22.1

125852 2001 XF_{186} 5 3.2 244.°59 3.°5/30.7 18

4 1	15 5.31	− 8 17.1	1.846	2.720	12.4	20.0
4 11	14 59.86	− 7 34.0	1.772	2.713	9.0	19.8
4 21	14 52.46	− 6 48.7	1.723	2.707	5.5	19.6
5 1	14 43.85	− 6 6.1	1.700	2.700	3.5	19.4
5 11	14 35.03	− 5 31.3	1.705	2.692	5.7	19.6
5 21	14 26.95	− 5 8.4	1.736	2.685	9.3	19.8
5 31	14 20.46	− 5 0.1	1.791	2.677	12.9	20.0
6 10	14 16.12	− 5 7.5	1.866	2.670	16.0	20.2

102323 1999 TR_{106} 5 3.2 206.°57 0.°1/ 3.1 17

4 1	15 1.99	−17 34.6	2.880	3.730	9.2	20.3
4 11	14 56.92	−17 0.7	2.795	3.725	6.6	20.1
4 21	14 50.59	−16 19.8	2.737	3.720	3.8	19.9
5 1	14 43.50	−15 34.2	2.707	3.714	0.7	19.6
5 11	14 36.30	−14 46.9	2.707	3.708	2.5	19.8
5 21	14 29.58	−14 1.4	2.737	3.702	5.5	20.0
5 31	14 23.90	−13 21.0	2.794	3.695	8.3	20.1
6 10	14 19.65	−12 48.2	2.874	3.688	10.7	20.3

98978 2001 DG_{19} 5 3.2 292.°10 3.°4/ 1.1 18 R

4 1	15 5.95	− 7 25.7	1.838	2.712	12.5	18.7
4 11	15 0.43	− 7 5.6	1.756	2.697	9.1	18.5
4 21	14 52.85	− 6 45.2	1.699	2.682	5.6	18.2
5 1	14 43.94	− 6 28.4	1.667	2.667	3.4	18.1
5 11	14 34.70	− 6 19.3	1.663	2.652	5.6	18.2
5 21	14 26.12	− 6 20.8	1.685	2.638	9.3	18.4
5 31	14 19.12	− 6 35.2	1.731	2.623	13.0	18.5
6 10	14 14.33	− 7 3.0	1.798	2.608	16.2	18.7

4245 Nairc 5 3.2 204.°48 0.°8/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.51	−19 25.4	1.911	2.763	13.1	18.3
4 11	15 2.23	−19 9.5	1.830	2.759	9.6	18.0
4 21	14 53.83	−18 42.8	1.773	2.754	5.6	17.8
5 1	14 44.12	−18 7.0	1.743	2.749	1.5	17.5
5 11	14 34.13	−17 25.7	1.741	2.743	3.3	17.6
5 21	14 24.93	−16 44.0	1.766	2.736	7.6	17.9
5 31	14 17.43	−16 6.8	1.817	2.728	11.5	18.1
6 10	14 12.23	−15 38.5	1.890	2.720	14.8	18.3

421382 2013 UE_4 5 3.2 343.°93 2.°6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.97	− 2 33.4	4.076	4.934	6.5	19.9
4 11	14 54.42	− 2 23.6	4.004	4.933	4.8	19.8
4 21	14 49.05	− 2 16.1	3.959	4.932	3.3	19.7
5 1	14 43.22	− 2 12.7	3.944	4.931	2.6	19.6
5 11	14 37.33	− 2 14.7	3.958	4.930	3.6	19.7
5 21	14 31.75	− 2 23.3	4.001	4.928	5.2	19.8
5 31	14 26.85	− 2 39.0	4.071	4.927	7.0	19.9
6 10	14 22.89	− 3 1.9	4.165	4.926	8.5	20.0

401932 2002 CD_{182} 5 3.2 168.°86 4.°4/ 5.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.72	−27 41.0	1.676	2.507	15.5	21.6
4 11	15 4.18	−27 54.1	1.601	2.510	12.1	21.3
4 21	14 55.07	−27 49.0	1.549	2.513	8.3	21.1
5 1	14 44.35	−27 24.7	1.522	2.515	5.0	20.9
5 11	14 33.34	−26 43.8	1.521	2.516	5.0	20.9
5 21	14 23.37	−25 51.7	1.547	2.518	8.3	21.1
5 31	14 15.52	−24 56.1	1.597	2.518	12.1	21.4
6 10	14 10.46	−24 4.4	1.669	2.518	15.6	21.6

507604 2013 CM_{28} 5 3.2 173.°10 11.°6/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.51	+27 52.0	2.704	3.464	12.2	21.5
4 11	14 58.05	+29 12.6	2.678	3.465	11.7	21.5
4 21	14 51.20	+30 12.2	2.673	3.466	11.6	21.4
5 1	14 43.61	+30 46.2	2.689	3.467	12.0	21.5
5 11	14 36.01	+30 52.3	2.725	3.467	12.8	21.5
5 21	14 29.06	+30 30.6	2.780	3.468	13.7	21.6
5 31	14 23.37	+29 43.6	2.851	3.468	14.7	21.7
6 10	14 19.32	+28 35.0	2.936	3.468	15.6	21.8

61637 2000 QJ_{104} 5 3.2 229.°91 0.°9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.37	−14 30.6	1.976	2.839	12.2	19.9
4 11	15 0.60	−14 10.4	1.896	2.832	8.8	19.6
4 21	14 52.88	−13 43.9	1.840	2.825	5.0	19.4
5 1	14 43.95	−13 13.7	1.811	2.817	1.1	19.1
5 11	14 34.76	−12 43.5	1.810	2.809	3.7	19.3
5 21	14 26.27	−12 17.4	1.837	2.801	7.8	19.5
5 31	14 19.33	−11 59.2	1.889	2.793	11.5	19.7
6 10	14 14.51	−11 51.4	1.962	2.784	14.7	19.9

337014 1994 SP_2 5 3.2 228.°54 2.°0/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.29	−23 11.8	2.293	3.130	11.7	22.7
4 11	15 0.44	−23 7.1	2.203	3.120	8.8	22.5
4 21	14 52.76	−22 51.0	2.137	3.110	5.6	22.3
5 1	14 43.94	−22 24.1	2.098	3.099	2.5	22.0
5 11	14 34.83	−21 48.8	2.088	3.088	3.1	22.1
5 21	14 26.34	−21 9.0	2.106	3.077	6.5	22.3
5 31	14 19.25	−20 29.3	2.151	3.065	9.8	22.4
6 10	14 14.13	−19 54.2	2.219	3.052	12.8	22.6

156837 2003 CV_1 5 3.2 263.°69 4.°7/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.03	− 6 56.4	1.466	2.346	14.7	19.6
4 11	15 3.16	− 6 12.6	1.385	2.327	10.9	19.3
4 21	14 54.63	− 5 27.0	1.326	2.309	6.8	19.0
5 1	14 44.31	− 4 45.8	1.292	2.290	4.7	18.9
5 11	14 33.47	− 4 15.4	1.284	2.270	7.3	19.0
5 21	14 23.45	− 4 1.1	1.300	2.250	11.7	19.1
5 31	14 15.43	− 4 6.0	1.339	2.229	16.1	19.3
6 10	14 10.20	− 4 30.8	1.396	2.209	19.9	19.5

390767 2003 UU_5 5 3.2 211.°76 1.°5/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.16	−23 6.5	2.860	3.689	9.9	22.3
4 11	14 59.27	−22 43.8	2.765	3.680	7.4	22.1
4 21	14 51.96	−22 10.8	2.697	3.670	4.6	21.9
5 1	14 43.78	−21 28.9	2.657	3.659	1.9	21.7
5 11	14 35.43	−20 40.5	2.647	3.648	2.5	21.7
5 21	14 27.59	−19 49.2	2.667	3.636	5.4	21.9
5 31	14 20.87	−18 59.1	2.715	3.623	8.3	22.0
6 10	14 15.74	−18 14.0	2.788	3.609	10.8	22.2

469534 2003 SW_{287} 5 3.2 305.°28 4.°1/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.84	− 9 39.7	1.649	2.534	13.1	21.7
4 11	14 57.69	− 8 15.8	1.563	2.509	9.5	21.4
4 21	14 51.40	− 6 44.0	1.500	2.485	5.9	21.1
5 1	14 43.71	− 5 11.4	1.463	2.461	4.2	21.0
5 11	14 35.63	− 3 46.5	1.452	2.437	6.8	21.1
5 21	14 28.23	− 2 36.9	1.467	2.413	10.9	21.2
5 31	14 22.45	− 1 48.2	1.504	2.390	14.9	21.4
6 10	14 18.97	− 1 22.7	1.559	2.367	18.4	21.6

150762 2001 QD_{197} 5 3.2 248.°95 2.°2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.30	−12 35.2	1.855	2.725	12.5	20.8
4 11	14 59.94	−11 45.8	1.773	2.713	9.0	20.5
4 21	14 52.56	−10 49.5	1.715	2.701	5.1	20.3
5 1	14 43.91	− 9 50.7	1.684	2.688	2.2	20.0
5 11	14 34.98	− 8 55.0	1.680	2.675	4.8	20.2
5 21	14 26.76	− 8 7.9	1.704	2.661	8.8	20.4
5 31	14 20.13	− 7 33.9	1.752	2.647	12.7	20.6
6 10	14 15.68	− 7 15.5	1.820	2.633	16.0	20.8

106429 2000 VZ_{43} 5 3.2 5.°33 2.°6/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.38	−28 13.4	1.864	2.702	13.9	18.3
4 11	14 57.08	−27 5.2	1.787	2.702	10.7	18.1
4 21	14 50.87	−25 35.6	1.732	2.703	6.9	17.9
5 1	14 43.58	−23 47.7	1.705	2.704	3.4	17.6
5 11	14 36.23	−21 48.4	1.705	2.706	3.5	17.7
5 21	14 29.76	−19 46.5	1.733	2.709	7.1	17.9
5 31	14 24.95	−17 50.9	1.787	2.712	10.8	18.1
6 10	14 22.28	−16 9.0	1.865	2.716	14.1	18.3

76503 2000 GL_{27} 5 3.2 192.°09 0.°8/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.97	−15 5.0	2.267	3.128	10.9	20.2
4 11	14 58.62	−14 34.1	2.191	3.127	7.9	20.0
4 21	14 51.66	−13 56.7	2.140	3.126	4.4	19.8
5 1	14 43.75	−13 15.8	2.118	3.124	1.0	19.6
5 11	14 35.70	−12 35.1	2.124	3.123	3.3	19.7
5 21	14 28.29	−11 58.5	2.158	3.121	6.9	20.0
5 31	14 22.20	−11 29.6	2.217	3.119	10.1	20.2
6 10	14 17.92	−11 10.8	2.300	3.116	12.9	20.3

222738 2002 AJ_{195} 5 3.2 128.°89 1.°3/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.07	−14 3.8	2.088	2.950	11.7	21.4
4 11	15 0.10	−13 23.6	2.027	2.963	8.3	21.2
4 21	14 52.45	−12 37.4	1.990	2.976	4.6	21.0
5 1	14 43.88	−11 48.9	1.982	2.988	1.4	20.8
5 11	14 35.28	−11 2.6	2.003	3.000	3.8	20.9
5 21	14 27.49	−10 22.5	2.051	3.011	7.4	21.2
5 31	14 21.19	− 9 52.4	2.125	3.022	10.7	21.4
6 10	14 16.85	− 9 34.3	2.221	3.032	13.5	21.6

48729 1997 AG_{22} 5 3.2 250.°95 0.°3/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.03	−18 31.9	1.355	2.227	16.1	19.2
4 11	15 2.56	−18 6.2	1.282	2.222	11.8	18.9
4 21	14 54.30	−17 26.6	1.230	2.216	6.8	18.6
5 1	14 44.27	−16 36.0	1.203	2.210	1.4	18.2
5 11	14 33.86	−15 40.4	1.201	2.204	4.3	18.4
5 21	14 24.51	−14 47.1	1.224	2.197	9.7	18.7
5 31	14 17.42	−14 3.5	1.270	2.191	14.6	18.9
6 10	14 13.32	−13 34.6	1.334	2.185	18.7	19.2

419771 2010 VF_{137} 5 3.2 138.°60 1.°0/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.56	−14 52.7	1.986	2.847	12.3	22.5
4 11	15 1.26	−14 17.2	1.923	2.859	8.8	22.3
4 21	14 53.14	−13 34.9	1.885	2.870	4.9	22.1
5 1	14 44.01	−12 49.1	1.875	2.881	1.2	21.8
5 11	14 34.84	−12 4.4	1.893	2.891	3.7	22.0
5 21	14 26.51	−11 25.2	1.939	2.901	7.6	22.3
5 31	14 19.81	−10 55.4	2.010	2.910	11.1	22.5
6 10	14 15.19	−10 37.4	2.104	2.918	14.0	22.7

176027 2000 SD_{89} 5 3.2 164.°61 0.°3/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.42	−16 56.7	2.479	3.330	10.5	20.5
4 11	14 59.57	−16 58.4	2.403	3.332	7.6	20.4
4 21	14 52.17	−16 54.2	2.352	3.334	4.3	20.2
5 1	14 43.85	−16 45.4	2.329	3.336	0.9	19.9
5 11	14 35.37	−16 34.1	2.336	3.337	2.7	20.0
5 21	14 27.47	−16 22.8	2.371	3.339	6.1	20.3
5 31	14 20.84	−16 14.3	2.433	3.340	9.1	20.5
6 10	14 15.94	−16 11.2	2.519	3.341	11.8	20.6

134224 2005 XY_{57} 5 3.2 169.°79 6.°8/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.98	+ 3 45.9	2.315	3.176	10.8	20.2
4 11	14 58.47	+ 5 7.1	2.261	3.179	8.6	20.1
4 21	14 51.51	+ 6 21.3	2.232	3.182	7.1	20.0
5 1	14 43.72	+ 7 22.6	2.231	3.185	7.0	20.0
5 11	14 35.88	+ 8 6.4	2.257	3.187	8.4	20.1
5 21	14 28.69	+ 8 30.0	2.308	3.189	10.5	20.2
5 31	14 22.77	+ 8 33.0	2.382	3.190	12.8	20.4
6 10	14 18.55	+ 8 16.8	2.475	3.191	14.7	20.5

133909 2004 RH_{151} 5 3.2 203.°66 3.°4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.03	−10 28.4	1.650	2.525	13.6	20.0
4 11	15 1.28	− 9 23.6	1.580	2.522	9.8	19.7
4 21	14 53.34	− 8 13.0	1.534	2.519	5.8	19.5
5 1	14 44.08	− 7 2.9	1.514	2.515	3.4	19.3
5 11	14 34.62	− 6 0.1	1.521	2.510	6.0	19.5
5 21	14 26.05	− 5 10.7	1.554	2.505	10.1	19.7
5 31	14 19.29	− 4 38.9	1.611	2.500	14.0	19.9
6 10	14 14.94	− 4 26.4	1.687	2.493	17.3	20.1

297754 2001 XL_{79} 5 3.2 167.°39 3.°1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.01	− 5 57.8	2.571	3.435	9.7	20.9
4 11	14 58.41	− 5 28.9	2.503	3.438	7.1	20.7
4 21	14 51.46	− 5 0.8	2.461	3.440	4.4	20.5
5 1	14 43.72	− 4 36.6	2.448	3.443	3.1	20.4
5 11	14 35.89	− 4 19.3	2.463	3.445	4.7	20.5
5 21	14 28.64	− 4 11.2	2.507	3.446	7.3	20.7
5 31	14 22.53	− 4 13.7	2.576	3.448	10.0	20.9
6 10	14 18.00	− 4 27.3	2.668	3.449	12.3	21.1

504562 2008 SO_{304} 5 3.2 239.°36 1.°5/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.00	−14 2.3	1.995	2.863	11.9	21.8
4 11	14 58.85	−13 15.4	1.917	2.856	8.6	21.6
4 21	14 51.88	−12 21.2	1.864	2.850	4.8	21.3
5 1	14 43.81	−11 23.8	1.837	2.843	1.6	21.1
5 11	14 35.56	−10 28.1	1.839	2.836	4.1	21.3
5 21	14 27.99	− 9 39.2	1.869	2.829	8.0	21.5
5 31	14 21.90	− 9 1.5	1.923	2.822	11.5	21.7
6 10	14 17.82	− 8 37.5	1.998	2.814	14.6	21.9

347662 2001 TJ_{201} 5 3.2 161.°74 4.°3/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.99	− 0 21.5	3.140	3.998	8.3	22.5
4 11	14 56.73	+ 0 38.8	3.081	4.006	6.3	22.3
4 21	14 50.42	+ 1 35.9	3.049	4.012	4.7	22.2
5 1	14 43.53	+ 2 26.0	3.047	4.019	4.4	22.2
5 11	14 36.61	+ 3 6.0	3.074	4.024	5.6	22.3
5 21	14 30.15	+ 3 33.6	3.128	4.029	7.4	22.4
5 31	14 24.63	+ 3 47.8	3.208	4.033	9.4	22.6
6 10	14 20.38	+ 3 48.6	3.309	4.037	11.1	22.7

407294 2010 JT_{45} 5 3.2 247.°30 3.°3/ 1.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.62	− 9 36.3	1.668	2.541	13.6	21.5
4 11	15 2.60	− 8 54.8	1.584	2.525	9.9	21.3
4 21	14 54.22	− 8 9.1	1.524	2.508	5.9	21.0
5 1	14 44.27	− 7 23.9	1.490	2.491	3.3	20.8
5 11	14 33.91	− 6 45.2	1.483	2.474	5.9	20.9
5 21	14 24.30	− 6 17.9	1.502	2.455	10.2	21.1
5 31	14 16.49	− 6 5.9	1.545	2.436	14.3	21.3
6 10	14 11.18	− 6 11.0	1.607	2.417	17.9	21.5

53662 2000 DV_{62} 5 3.2 198.°63 1.°3/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.22	−20 42.1	1.662	2.515	14.6	19.3
4 11	15 3.76	−20 28.1	1.584	2.512	10.8	19.1
4 21	14 54.84	−20 0.7	1.529	2.509	6.5	18.8
5 1	14 44.38	−19 21.4	1.500	2.505	2.0	18.5
5 11	14 33.61	−18 34.5	1.498	2.501	3.7	18.6
5 21	14 23.77	−17 45.7	1.524	2.495	8.3	18.9
5 31	14 15.93	−17 1.4	1.574	2.490	12.6	19.1
6 10	14 10.75	−16 27.1	1.645	2.483	16.3	19.3

457749 2009 HZ_{58} 5 3.2 4.°66 1.°4/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.74	−15 11.5	1.111	2.006	17.1	19.9
4 11	14 58.95	−14 35.7	1.053	2.005	12.3	19.7
4 21	14 52.31	−13 48.7	1.016	2.006	6.9	19.4
5 1	14 43.92	−12 55.8	1.000	2.007	1.7	19.0
5 11	14 35.28	−12 4.8	1.008	2.010	5.3	19.3
5 21	14 27.87	−11 23.4	1.039	2.013	10.9	19.6
5 31	14 22.85	−10 57.7	1.090	2.018	15.8	19.9
6 10	14 20.88	−10 50.8	1.158	2.024	20.0	20.1

337833 2001 VS_{57} 5 3.2 114.°38 1.°0/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.31	−19 20.5	2.726	3.564	10.0	21.4
4 11	15 0.72	−19 28.2	2.663	3.584	7.3	21.2
4 21	14 52.73	−19 29.0	2.625	3.603	4.3	21.1
5 1	14 43.96	−19 23.8	2.617	3.622	1.4	20.9
5 11	14 35.14	−19 14.2	2.639	3.640	2.5	21.0
5 21	14 26.97	−19 2.7	2.690	3.658	5.4	21.2
5 31	14 20.03	−18 52.0	2.769	3.675	8.2	21.4
6 10	14 14.75	−18 44.7	2.873	3.692	10.6	21.6

434431 2005 NC_{7} 5 3.2 260.°97 4.°0/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.32	− 2 30.1	3.087	3.945	8.4	22.1
4 11	14 57.89	− 1 30.6	2.987	3.914	6.4	21.9
4 21	14 51.20	− 0 31.6	2.913	3.882	4.5	21.8
5 1	14 43.70	+ 0 23.1	2.870	3.850	4.0	21.7
5 11	14 35.96	+ 1 9.7	2.856	3.816	5.4	21.7
5 21	14 28.55	+ 1 45.2	2.871	3.782	7.7	21.8
5 31	14 22.02	+ 2 7.4	2.912	3.747	10.0	21.9
6 10	14 16.81	+ 2 15.7	2.975	3.711	12.1	22.0

459630 2013 JB_{5} 5 3.2 341.°90 0.°2/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.33	−16 12.3	1.026	1.924	18.0	20.1
4 11	14 59.85	−16 22.8	0.958	1.910	13.3	19.8
4 21	14 53.11	−16 23.3	0.908	1.897	7.7	19.4
5 1	14 44.11	−16 15.7	0.879	1.886	1.5	19.0
5 11	14 34.49	−16 4.4	0.872	1.876	4.9	19.2
5 21	14 25.97	−15 55.0	0.887	1.868	11.1	19.5
5 31	14 20.06	−15 53.4	0.921	1.861	16.7	19.8
6 10	14 17.68	−16 4.2	0.972	1.856	21.4	20.0

33611 1999 JB_{61} 5 3.2 51.°23 7.°0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.45	+ 1 42.5	1.627	2.498	14.0	18.2
4 11	15 2.17	+ 2 11.2	1.574	2.504	10.8	18.1
4 21	14 53.77	+ 2 30.6	1.543	2.510	8.0	17.9
5 1	14 44.16	+ 2 35.0	1.538	2.516	7.0	17.9
5 11	14 34.48	+ 2 20.9	1.558	2.522	8.7	18.0
5 21	14 25.80	+ 1 47.2	1.604	2.529	11.7	18.2
5 31	14 18.98	+ 0 55.0	1.671	2.535	14.8	18.4
6 10	14 14.56	− 0 13.0	1.758	2.542	17.6	18.6

145806 1998 SA_{77} 5 3.2 264.°68 0.°8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.88	−20 38.7	3.652	4.489	7.7	20.9
4 11	14 55.31	−20 19.5	3.547	4.468	5.7	20.8
4 21	14 49.69	−19 53.6	3.469	4.446	3.4	20.6
5 1	14 43.43	−19 22.2	3.419	4.424	1.1	20.4
5 11	14 37.00	−18 47.1	3.400	4.402	1.9	20.4
5 21	14 30.90	−18 10.8	3.411	4.379	4.4	20.6
5 31	14 25.56	−17 35.9	3.450	4.357	6.7	20.7
6 10	14 21.36	−17 4.8	3.513	4.334	8.8	20.8

67095 2000 AU_{67} 5 3.2 238.°59 3.°8/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.51	−29 40.1	2.697	3.504	11.0	19.6
4 11	14 59.03	−29 55.0	2.608	3.499	8.7	19.4
4 21	14 51.94	−29 57.2	2.544	3.494	6.3	19.2
5 1	14 43.85	−29 46.1	2.506	3.489	4.3	19.1
5 11	14 35.54	−29 23.1	2.497	3.484	4.1	19.1
5 21	14 27.76	−28 50.8	2.515	3.479	6.0	19.2
5 31	14 21.23	−28 13.4	2.560	3.474	8.5	19.3
6 10	14 16.44	−27 35.3	2.629	3.469	10.9	19.5

210476 1995 UF_{1} 5 3.2 270.°79 2.°7/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.83	−24 9.7	2.271	3.105	11.9	20.7
4 11	15 0.22	−24 22.9	2.178	3.093	9.1	20.5
4 21	14 52.73	−24 24.9	2.110	3.080	5.9	20.2
5 1	14 44.02	−24 15.7	2.069	3.068	3.1	20.0
5 11	14 34.97	−23 57.0	2.056	3.055	3.5	20.0
5 21	14 26.50	−23 31.6	2.071	3.042	6.6	20.2
5 31	14 19.42	−23 4.0	2.112	3.029	9.8	20.4
6 10	14 14.34	−22 38.7	2.176	3.016	12.8	20.5

283402 2000 SX_{16} 5 3.2 280.°74 4.°0/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.68	−37 15.8	4.435	5.186	7.9	20.2
4 11	14 55.12	−37 30.0	4.340	5.181	6.6	20.1
4 21	14 49.57	−37 33.7	4.270	5.176	5.3	20.0
5 1	14 43.42	−37 26.4	4.226	5.171	4.3	19.9
5 11	14 37.13	−37 8.9	4.209	5.166	4.0	19.9
5 21	14 31.18	−36 42.7	4.221	5.161	4.6	19.9
5 31	14 25.99	−36 9.9	4.260	5.157	5.8	20.0
6 10	14 21.90	−35 33.6	4.324	5.152	7.1	20.1

477630 2010 LZ_{96} 5 3.2 327.°07 11.°2/19.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.30	+11 7.8	1.808	2.671	13.2	19.9
4 11	14 55.64	+13 32.1	1.753	2.654	11.7	19.8
4 21	14 50.16	+15 43.9	1.722	2.637	11.2	19.7
5 1	14 43.55	+17 32.6	1.716	2.621	12.0	19.7
5 11	14 36.71	+18 50.5	1.732	2.605	13.7	19.8
5 21	14 30.54	+19 33.9	1.769	2.590	15.9	19.9
5 31	14 25.83	+19 42.7	1.823	2.576	18.0	20.0
6 10	14 23.12	+19 20.4	1.891	2.562	19.9	20.1

430179 2013 TA_{101} 5 3.2 140.°76 1.°4/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.40	−21 9.1	2.123	2.967	12.2	22.1
4 11	15 1.20	−21 1.4	2.053	2.976	9.0	21.9
4 21	14 53.18	−20 43.1	2.007	2.985	5.4	21.7
5 1	14 44.09	−20 15.6	1.989	2.993	1.9	21.5
5 11	14 34.89	−19 42.0	1.999	3.001	3.0	21.6
5 21	14 26.47	−19 6.2	2.037	3.008	6.6	21.8
5 31	14 19.61	−18 32.8	2.102	3.015	10.0	22.1
6 10	14 14.81	−18 5.7	2.189	3.021	13.0	22.3

369866 2012 KA_{20} 5 3.2 132.°72 1.°4/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.44	−14 6.5	1.753	2.623	13.2	21.2
4 11	15 0.73	−13 30.6	1.688	2.628	9.5	21.0
4 21	14 52.99	−12 47.6	1.647	2.634	5.3	20.7
5 1	14 44.06	−12 1.6	1.632	2.639	1.5	20.5
5 11	14 35.01	−11 17.5	1.645	2.643	4.2	20.7
5 21	14 26.86	−10 40.4	1.685	2.648	8.4	20.9
5 31	14 20.45	−10 14.3	1.748	2.652	12.2	21.2
6 10	14 16.31	−10 1.6	1.833	2.657	15.5	21.4

506773 2006 WV_{204} 5 3.2 173.°21 1.°9/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.36	− 9 19.5	2.824	3.683	9.1	22.5
4 11	14 58.60	− 9 1.4	2.751	3.686	6.5	22.3
4 21	14 51.57	− 8 42.0	2.705	3.688	3.8	22.1
5 1	14 43.80	− 8 23.8	2.688	3.690	1.9	22.0
5 11	14 35.92	− 8 9.3	2.700	3.691	3.6	22.1
5 21	14 28.56	− 8 0.5	2.742	3.692	6.3	22.3
5 31	14 22.27	− 7 59.2	2.810	3.693	8.9	22.5
6 10	14 17.44	− 8 6.5	2.902	3.693	11.2	22.6

447782 2007 RA_{195} 5 3.2 192°.74 0°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 59.28	−18 50.5	3.970	4.811	7.1	22.5
4 11	14 54.75	−18 32.7	3.884	4.809	5.1	22.4
4 21	14 49.33	−18 9.8	3.826	4.806	3.0	22.2
5 1	14 43.39	−17 43.0	3.798	4.804	0.7	22.0
5 11	14 37.36	−17 14.2	3.799	4.801	1.7	22.1
5 21	14 31.68	−16 45.4	3.831	4.798	4.0	22.3
5 31	14 26.72	−16 18.6	3.890	4.794	6.1	22.4
6 10	14 22.79	−15 55.8	3.975	4.791	7.9	22.6

434901 2006 TK_2 5 3.2 321°.43 0°.3/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.29	−16 19.6	2.010	2.870	12.2	20.7
4 11	15 0.59	−16 29.7	1.931	2.865	8.9	20.5
4 21	14 52.94	−16 33.8	1.877	2.860	5.1	20.3
5 1	14 44.08	−16 32.9	1.849	2.856	1.0	20.0
5 11	14 34.94	−16 29.3	1.850	2.852	3.2	20.1
5 21	14 26.47	−16 25.7	1.878	2.847	7.2	20.4
5 31	14 19.53	−16 25.4	1.931	2.844	10.8	20.6
6 10	14 14.70	−16 31.0	2.006	2.840	13.9	20.8

415503 2014 PN_{24} 5 3.2 213°.69 0°.7/ 3.7 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.73	−19 28.5	1.897	2.748	13.2	23.3
4 11	15 3.21	−19 8.4	1.811	2.739	9.7	23.0
4 21	14 54.50	−18 36.9	1.749	2.730	5.7	22.8
5 1	14 44.38	−17 55.6	1.714	2.721	1.4	22.4
5 11	14 33.93	−17 8.7	1.708	2.710	3.4	22.6
5 21	14 24.26	−16 21.1	1.729	2.698	7.8	22.8
5 31	14 16.30	−15 38.6	1.776	2.686	11.8	23.0
6 10	14 10.72	−15 5.7	1.845	2.673	15.2	23.2

27935 1997 JN 5 3.2 154°.59 2°.7/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.65	−11 3.1	1.634	2.505	13.9	19.4
4 11	15 3.12	−10 20.3	1.572	2.512	10.0	19.1
4 21	14 54.37	− 9 32.9	1.533	2.519	5.8	18.9
5 1	14 44.34	− 8 45.8	1.521	2.525	2.7	18.7
5 11	14 34.19	− 8 4.5	1.537	2.530	5.3	18.9
5 21	14 25.05	− 7 34.0	1.579	2.535	9.5	19.1
5 31	14 17.85	− 7 17.7	1.645	2.539	13.4	19.4
6 10	14 13.13	− 7 17.2	1.730	2.542	16.7	19.6

313644 2003 SE_{98} 5 3.2 253°.66 1°.9/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.40	−20 57.6	1.666	2.520	14.6	20.9
4 11	15 3.36	−21 3.1	1.578	2.506	10.9	20.7
4 21	14 54.77	−20 56.3	1.514	2.493	6.7	20.4
5 1	14 44.45	−20 37.7	1.475	2.479	2.5	20.1
5 11	14 33.64	−20 9.8	1.462	2.464	3.8	20.1
5 21	14 23.61	−19 37.4	1.477	2.450	8.4	20.4
5 31	14 15.50	−19 6.5	1.515	2.435	12.8	20.6
6 10	14 10.08	−18 42.5	1.575	2.419	16.6	20.8

158174 2001 QB_{251} 5 3.2 258°.76 2°.3/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.50	−11 1.0	1.429	2.304	15.2	19.9
4 11	15 4.31	−10 51.6	1.351	2.294	11.1	19.6
4 21	14 55.35	−10 38.6	1.297	2.283	6.4	19.3
5 1	14 44.56	−10 25.5	1.267	2.272	2.4	19.1
5 11	14 33.29	−10 16.5	1.263	2.261	5.4	19.2
5 21	14 22.94	−10 15.8	1.285	2.249	10.4	19.5
5 31	14 14.73	−10 26.6	1.329	2.238	15.0	19.7
6 10	14 9.44	−10 50.8	1.393	2.226	19.0	19.9

225561 2000 SB_{372} 5 3.2 172°.72 0°.4/ 3.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.72	−19 18.3	2.142	2.994	11.9	20.9
4 11	14 59.99	−18 47.1	2.067	2.996	8.6	20.7
4 21	14 52.51	−18 5.8	2.016	2.998	5.0	20.4
5 1	14 44.00	−17 16.9	1.993	3.000	1.1	20.1
5 11	14 35.35	−16 24.3	1.999	3.001	3.0	20.3
5 21	14 27.44	−15 32.9	2.033	3.002	6.8	20.5
5 31	14 21.01	−14 47.4	2.093	3.002	10.3	20.7
6 10	14 16.55	−14 11.5	2.176	3.002	13.3	20.9

347316 2011 QJ_{63} 5 3.2 109°.49 2°.5/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.27	−10 48.0	2.272	3.142	10.6	21.2
4 11	14 57.31	− 9 45.0	2.210	3.150	7.5	21.1
4 21	14 50.90	− 8 38.3	2.174	3.158	4.4	20.9
5 1	14 43.69	− 7 32.4	2.165	3.166	2.5	20.8
5 11	14 36.44	− 6 32.4	2.186	3.174	4.5	20.9
5 21	14 29.85	− 5 42.3	2.234	3.182	7.6	21.1
5 31	14 24.55	− 5 5.3	2.307	3.190	10.6	21.3
6 10	14 20.93	− 4 42.7	2.402	3.198	13.1	21.5

419599 2010 RT_{117} 5 3.2 181°.44 1°.5/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.93	−13 5.8	2.063	2.923	11.9	22.1
4 11	15 1.59	−12 32.1	1.989	2.925	8.5	21.9
4 21	14 53.43	−11 52.9	1.941	2.926	4.8	21.7
5 1	14 44.17	−11 11.4	1.920	2.926	1.6	21.5
5 11	14 34.76	−10 32.1	1.928	2.925	4.0	21.6
5 21	14 26.10	− 9 58.9	1.965	2.923	7.8	21.8
5 31	14 18.97	− 9 35.5	2.027	2.921	11.3	22.1
6 10	14 13.89	− 9 24.1	2.110	2.918	14.2	22.3

63573 2001 QG_{23} 5 3.2 161°.37 1°.3/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.01	−21 27.2	2.481	3.316	11.0	19.7
4 11	15 1.43	−21 14.9	2.406	3.325	8.1	19.5
4 21	14 53.24	−20 52.8	2.356	3.332	4.9	19.3
5 1	14 44.13	−20 22.2	2.335	3.339	1.8	19.1
5 11	14 34.91	−19 45.9	2.343	3.345	2.7	19.2
5 21	14 26.38	−19 7.4	2.381	3.350	6.0	19.4
5 31	14 19.22	−18 30.9	2.446	3.354	9.0	19.6
6 10	14 13.89	−18 0.0	2.535	3.357	11.7	19.8

6963 1990 OQ_3 5 3.2 294°.77 3°.6/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.95	−24 50.0	1.353	2.212	17.0	17.0
4 11	15 2.21	−24 52.6	1.263	2.190	13.1	16.7
4 21	14 54.41	−24 35.8	1.192	2.168	8.6	16.4
5 1	14 44.43	−23 58.8	1.145	2.146	4.3	16.0
5 11	14 33.70	−23 4.5	1.122	2.124	4.9	16.0
5 21	14 23.82	−21 59.9	1.124	2.102	9.8	16.2
5 31	14 16.22	−20 54.4	1.148	2.080	14.8	16.4
6 10	14 11.86	−19 57.3	1.190	2.058	19.3	16.6

59356 1999 CX_{153} 5 3.2 153°.57 3°.3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.46	− 9 15.9	1.639	2.511	13.8	19.1
4 11	15 2.98	− 8 37.4	1.577	2.518	10.0	18.8
4 21	14 54.30	− 7 56.4	1.539	2.524	5.9	18.6
5 1	14 44.33	− 7 17.7	1.528	2.529	3.3	18.5
5 11	14 34.25	− 6 46.5	1.543	2.534	5.7	18.6
5 21	14 25.15	− 6 27.1	1.585	2.538	9.7	18.9
5 31	14 17.96	− 6 22.3	1.651	2.542	13.5	19.1
6 10	14 13.24	− 6 32.8	1.736	2.545	16.8	19.3

198216 2004 TY_{168} 5 3.2 247°.89 2°.5/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.15	−10 38.1	2.225	3.091	10.9	21.6
4 11	14 59.63	− 9 46.1	2.134	3.072	7.9	21.3
4 21	14 52.36	− 8 49.3	2.068	3.052	4.6	21.1
5 1	14 43.99	− 7 51.7	2.031	3.032	2.5	20.9
5 11	14 35.34	− 6 58.1	2.022	3.012	4.7	21.0
5 21	14 27.24	− 6 13.2	2.041	2.990	8.2	21.2
5 31	14 20.43	− 5 40.5	2.086	2.968	11.5	21.4
6 10	14 15.49	− 5 22.3	2.152	2.946	14.4	21.5

66994 1999 XZ_{107} 5 3.2 197°.00 0°.8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.99	−15 19.8	2.213	3.073	11.2	20.3
4 11	14 59.43	−14 47.9	2.136	3.071	8.1	20.1
4 21	14 52.19	−14 9.2	2.083	3.068	4.5	19.8
5 1	14 43.95	−13 26.5	2.059	3.066	1.0	19.6
5 11	14 35.55	−12 43.7	2.063	3.062	3.4	19.7
5 21	14 27.81	−12 4.9	2.096	3.059	7.0	20.0
5 31	14 21.44	−11 33.9	2.154	3.055	10.4	20.2
6 10	14 16.94	−11 13.4	2.234	3.051	13.3	20.3

300119 2006 UK_{360} 5 3.2 250°.36 4°.9/ 7.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.42	−31 45.8	2.387	3.188	12.4	21.2
4 11	15 0.68	−32 6.0	2.295	3.179	10.0	21.1
4 21	14 53.02	−32 10.9	2.226	3.169	7.5	20.9
5 1	14 44.12	−31 59.1	2.183	3.160	5.4	20.7
5 11	14 34.90	−31 31.6	2.167	3.150	5.1	20.7
5 21	14 26.29	−30 51.6	2.178	3.140	6.9	20.8
5 31	14 19.14	−30 4.1	2.216	3.130	9.6	20.9
6 10	14 14.05	−29 14.9	2.277	3.119	12.2	21.1

75182 1999 VC_{159} 5 3.2 288°.37 1°.4/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.44	−20 4.0	1.517	2.381	15.2	19.7
4 11	15 2.24	−19 58.4	1.423	2.357	11.4	19.4
4 21	14 54.29	−19 39.5	1.350	2.332	6.9	19.1
5 1	14 44.41	−19 8.2	1.302	2.308	2.1	18.7
5 11	14 33.85	−18 28.0	1.280	2.283	4.0	18.8
5 21	14 23.99	−17 44.7	1.284	2.259	9.2	19.0
5 31	14 16.12	−17 5.2	1.311	2.234	14.1	19.2
6 10	14 11.11	−16 35.7	1.357	2.209	18.3	19.4

390103 2012 VY_{17} 5 3.2 122°.58 1°.6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.08	−11 53.2	2.485	3.347	10.1	21.8
4 11	14 58.50	−11 24.6	2.422	3.359	7.2	21.7
4 21	14 51.55	−10 52.9	2.386	3.370	4.1	21.5
5 1	14 43.83	−10 20.8	2.377	3.382	1.6	21.3
5 11	14 36.06	− 9 51.6	2.398	3.393	3.5	21.5
5 21	14 28.93	− 9 28.1	2.448	3.404	6.6	21.7
5 31	14 23.02	− 9 12.9	2.523	3.414	9.4	21.9
6 10	14 18.74	− 9 7.3	2.621	3.425	11.9	22.1

165317 2000 UT_{71} 5 3.2 125°.03 1°.4/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.84	−20 53.7	1.689	2.542	14.5	20.5
4 11	15 3.29	−20 40.6	1.627	2.554	10.7	20.3
4 21	14 54.48	−20 14.6	1.587	2.567	6.3	20.0
5 1	14 44.38	−19 37.7	1.574	2.579	2.0	19.8
5 11	14 34.18	−18 54.1	1.588	2.590	3.5	19.9
5 21	14 25.04	−18 9.2	1.629	2.601	7.9	20.2
5 31	14 17.89	−17 29.0	1.695	2.611	11.8	20.4
6 10	14 13.26	−16 58.1	1.782	2.621	15.2	20.7

481755 2008 JM_3 5 3.2 121°.17 2°.2/ 3.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.11	−13 33.1	0.986	1.851	21.3	20.9
4 11	15 19.76	−15 31.1	0.926	1.861	15.8	20.6
4 21	15 4.68	−17 30.6	0.888	1.871	9.3	20.3
5 1	14 46.36	−19 23.3	0.875	1.880	2.8	20.0
5 11	14 27.28	−21 1.9	0.888	1.889	5.9	20.2
5 21	14 10.11	−22 23.4	0.927	1.897	12.4	20.6
5 31	13 56.91	−23 31.3	0.988	1.905	18.1	20.9
6 10	13 48.62	−24 31.9	1.067	1.912	22.7	21.2

113535 2002 TZ_{22} 5 3.2 239°.69 0°.3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.14	−16 37.6	2.173	3.033	11.4	20.4
4 11	14 58.90	−16 10.4	2.092	3.026	8.3	20.2
4 21	14 51.94	−15 35.4	2.035	3.020	4.7	19.9
5 1	14 43.92	−14 55.0	2.006	3.013	0.8	19.6
5 11	14 35.71	−14 13.2	2.005	3.006	3.2	19.8
5 21	14 28.12	−13 34.1	2.032	2.999	7.0	20.0
5 31	14 21.92	−13 1.6	2.085	2.992	10.4	20.2
6 10	14 17.60	−12 39.0	2.160	2.984	13.4	20.4

165195 2000 RH_{16} 5 3.2 265°.25 0°.3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.82	−19 20.1	1.661	2.521	14.3	20.2
4 11	15 2.25	−18 43.4	1.565	2.498	10.6	19.9
4 21	14 54.17	−17 52.1	1.491	2.474	6.2	19.6
5 1	14 44.38	−16 48.6	1.443	2.450	1.3	19.2
5 11	14 34.04	−15 38.3	1.422	2.424	3.9	19.3
5 21	14 24.40	−14 28.3	1.428	2.399	8.9	19.6
5 31	14 16.61	−13 26.1	1.459	2.372	13.6	19.8
6 10	14 11.43	−12 37.8	1.509	2.345	17.6	20.0

239406 2007 TX_{48} 5 3.2 101°.56 0°.1/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.37	−18 2.7	2.084	2.943	11.8	20.8
4 11	14 58.31	−17 20.8	2.014	2.948	8.5	20.6
4 21	14 51.56	−16 29.3	1.968	2.953	4.8	20.3
5 1	14 43.85	−15 31.6	1.950	2.957	0.9	20.0
5 11	14 36.04	−14 32.2	1.960	2.962	3.2	20.2
5 21	14 28.97	−13 36.4	1.998	2.966	7.0	20.5
5 31	14 23.34	−12 48.6	2.062	2.971	10.4	20.7
6 10	14 19.64	−12 12.2	2.148	2.975	13.4	20.9

317901 2003 UM_{223} 5 3.2 272°.05 2°.3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.72	−11 44.1	1.558	2.434	14.2	20.7
4 11	15 2.15	−11 16.5	1.475	2.418	10.3	20.4
4 21	14 54.09	−10 43.3	1.415	2.401	6.0	20.1
5 1	14 44.36	−10 8.4	1.380	2.385	2.4	19.8
5 11	14 34.17	− 9 37.2	1.371	2.368	5.2	20.0
5 21	14 24.76	− 9 14.7	1.388	2.351	10.0	20.2
5 31	14 17.24	− 9 5.2	1.428	2.333	14.4	20.4
6 10	14 12.35	− 9 10.9	1.488	2.316	18.2	20.6

5162 Piemonte 5 3.2 150°.97 2°.4/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.33	− 8 48.5	2.324	3.189	10.6	16.7
4 11	14 59.54	− 8 31.8	2.255	3.192	7.6	16.5
4 21	14 52.21	− 8 14.2	2.212	3.195	4.5	16.3
5 1	14 43.98	− 7 58.5	2.196	3.198	2.4	16.2
5 11	14 35.63	− 7 47.7	2.210	3.201	4.2	16.3
5 21	14 27.91	− 7 44.1	2.251	3.203	7.3	16.5
5 31	14 21.49	− 7 49.4	2.318	3.206	10.3	16.7
6 10	14 16.83	− 8 4.7	2.408	3.208	12.9	16.9

479785 2014 EE_{45} 5 3.2 319°.79 6°.0/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.27	+ 0 44.6	2.112	2.983	11.2	20.8
4 11	14 57.50	+ 1 38.6	2.046	2.976	8.7	20.6
4 21	14 51.12	+ 2 27.3	2.004	2.969	6.6	20.5
5 1	14 43.79	+ 3 5.2	1.989	2.962	6.1	20.4
5 11	14 36.30	+ 3 28.1	2.000	2.955	7.7	20.5
5 21	14 29.45	+ 3 33.2	2.036	2.949	10.2	20.6
5 31	14 23.91	+ 3 19.8	2.095	2.943	12.9	20.8
6 10	14 20.16	+ 2 49.0	2.174	2.937	15.2	21.0

376513 2012 LG_3 5 3.2 308°.24 5°.4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.62	− 2 14.4	1.573	2.447	14.2	19.8
4 11	15 3.38	− 2 6.0	1.500	2.437	10.7	19.6
4 21	14 54.71	− 2 3.9	1.449	2.426	7.2	19.4
5 1	14 44.48	− 2 12.7	1.424	2.416	5.4	19.2
5 11	14 33.89	− 2 35.9	1.425	2.407	7.4	19.3
5 21	14 24.15	− 3 15.0	1.452	2.397	11.2	19.5
5 31	14 16.32	− 4 9.9	1.502	2.388	15.0	19.7
6 10	14 11.09	− 5 18.8	1.571	2.379	18.3	19.9

316662 1994 SZ_1 5 3.2 278°.99 0°.0/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.40	−16 49.2	1.652	2.518	14.0	21.1
4 11	15 1.92	−16 37.2	1.562	2.499	10.3	20.8
4 21	14 53.98	−16 15.7	1.494	2.479	5.9	20.5
5 1	14 44.36	−15 46.6	1.452	2.459	1.1	20.1
5 11	14 34.22	−15 14.0	1.436	2.438	3.9	20.3
5 21	14 24.78	−14 42.8	1.447	2.418	8.8	20.5
5 31	14 17.15	−14 18.3	1.482	2.397	13.3	20.7
6 10	14 12.10	−14 4.8	1.537	2.376	17.2	20.9

247384 2001 YQ_{73} 5 3.2 181°.15 6°.9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.06	+ 7 17.3	2.540	3.390	10.3	20.4
4 11	14 58.49	+ 8 4.2	2.483	3.390	8.4	20.3
4 21	14 51.56	+ 8 41.7	2.451	3.390	7.1	20.2
5 1	14 43.86	+ 9 5.4	2.446	3.390	7.0	20.2
5 11	14 36.10	+ 9 12.2	2.468	3.390	8.2	20.3
5 21	14 28.94	+ 9 0.8	2.515	3.389	10.0	20.4
5 31	14 22.94	+ 8 31.6	2.585	3.389	12.0	20.5
6 10	14 18.53	+ 7 46.5	2.675	3.388	13.8	20.7

94356 Naruto 5 3.2 124°.60 3°.2/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.20	− 9 24.8	1.556	2.430	14.3	19.2
4 11	15 3.55	− 8 48.4	1.501	2.442	10.3	19.0
4 21	14 54.63	− 8 9.6	1.469	2.454	6.1	18.8
5 1	14 44.44	− 7 33.3	1.464	2.466	3.2	18.6
5 11	14 34.20	− 7 4.9	1.485	2.477	5.7	18.8
5 21	14 25.06	− 6 48.3	1.532	2.487	9.9	19.0
5 31	14 17.95	− 6 46.2	1.603	2.497	13.7	19.3
6 10	14 13.39	− 6 59.4	1.694	2.507	17.0	19.5

33142 1998 DL_6 5 3.2 181°.39 1°.5/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.43	−13 0.5	1.886	2.754	12.5	19.1
4 11	15 0.69	−12 37.1	1.815	2.754	9.0	18.9
4 21	14 53.01	−12 8.5	1.768	2.754	5.1	18.7
5 1	14 44.15	−11 37.9	1.748	2.754	1.6	18.4
5 11	14 35.11	−11 9.4	1.756	2.754	4.1	18.6
5 21	14 26.85	−10 46.8	1.791	2.754	8.1	18.8
5 31	14 20.20	−10 33.7	1.851	2.753	11.8	19.1
6 10	14 15.72	−10 32.1	1.931	2.752	14.9	19.3

297378 2000 KR_{44} 5 3.2 333°.13 5°.2/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.71	− 3 22.2	1.730	2.610	12.8	21.2
4 11	14 58.88	− 2 43.8	1.661	2.601	9.6	21.0
4 21	14 52.06	− 2 8.5	1.614	2.592	6.5	20.8
5 1	14 43.99	− 1 41.6	1.593	2.584	5.3	20.7
5 11	14 35.70	− 1 28.0	1.598	2.576	7.2	20.8
5 21	14 28.14	− 1 30.7	1.628	2.568	10.5	21.0
5 31	14 22.20	− 1 51.1	1.681	2.561	13.9	21.2
6 10	14 18.44	− 2 28.3	1.753	2.555	16.9	21.4

507583 2013 AY_{173} 5 3.2 143°.97 0°.1/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.53	−18 52.3	2.644	3.493	9.9	22.3
4 11	14 57.41	−18 12.7	2.571	3.500	7.2	22.1
4 21	14 50.97	−17 24.9	2.524	3.506	4.1	21.9
5 1	14 43.78	−16 31.5	2.506	3.512	0.8	21.7
5 11	14 36.52	−15 36.1	2.517	3.518	2.5	21.8
5 21	14 29.86	−14 42.6	2.557	3.524	5.7	22.0
5 31	14 24.34	−13 54.7	2.624	3.529	8.6	22.2
6 10	14 20.38	−13 15.5	2.715	3.534	11.1	22.4

276159 2002 LU_{46} 5 3.2 3°.59 12°.5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.47	+ 9 47.1	1.279	2.159	16.4	18.8
4 11	14 57.62	+11 17.4	1.239	2.158	14.0	18.6
4 21	14 51.42	+12 28.3	1.219	2.158	12.6	18.5
5 1	14 43.88	+13 9.5	1.220	2.160	12.8	18.6
5 11	14 36.25	+13 15.0	1.241	2.163	14.5	18.7
5 21	14 29.70	+12 43.7	1.282	2.167	16.9	18.8
5 31	14 25.16	+11 39.1	1.341	2.173	19.5	19.0
6 10	14 23.17	+10 7.5	1.415	2.180	21.9	19.2

119280 2001 RW_{92} 5 3.2 158°.03 0°.8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.59	−19 48.8	2.143	2.990	12.0	20.9
4 11	15 1.35	−19 30.8	2.071	2.997	8.8	20.7
4 21	14 53.32	−19 2.8	2.023	3.003	5.2	20.4
5 1	14 44.23	−18 26.8	2.003	3.009	1.4	20.2
5 11	14 35.02	−17 46.2	2.012	3.014	3.0	20.3
5 21	14 26.58	−17 5.3	2.049	3.018	6.7	20.6
5 31	14 19.67	−16 28.5	2.113	3.022	10.2	20.8
6 10	14 14.79	−15 59.6	2.199	3.026	13.1	21.0

438360 2006 SS_{259} 5 3.2 169°.90 1°.5/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.42	−13 27.6	2.379	3.243	10.4	21.8
4 11	14 57.46	−12 36.7	2.307	3.244	7.4	21.6
4 21	14 51.05	−11 40.2	2.260	3.246	4.2	21.4
5 1	14 43.81	−10 41.8	2.242	3.247	1.6	21.2
5 11	14 36.47	− 9 45.9	2.253	3.248	3.7	21.4
5 21	14 29.74	− 8 56.6	2.291	3.248	6.9	21.6
5 31	14 24.24	− 8 17.5	2.356	3.249	10.0	21.8
6 10	14 20.39	− 7 50.6	2.443	3.249	12.6	21.9

430340 2013 YV_{65} 5 3.2 74°.52 3°.4/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.57	−28 13.0	1.992	2.821	13.5	20.1
4 11	14 59.40	−27 49.3	1.917	2.825	10.4	19.9
4 21	14 52.29	−27 7.9	1.865	2.829	7.1	19.7
5 1	14 44.04	−26 10.0	1.838	2.833	4.0	19.6
5 11	14 35.68	−24 59.6	1.839	2.837	3.9	19.5
5 21	14 28.16	−23 42.7	1.868	2.841	6.9	19.7
5 31	14 22.30	−22 26.2	1.922	2.845	10.3	19.9
6 10	14 18.60	−21 16.4	1.999	2.849	13.3	20.2

119553 2001 VH_{36} 5 3.2 213°.62 0°.3/ 3.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.19	−16 7.0	1.992	2.851	12.3	19.4
4 11	15 1.26	−15 50.8	1.912	2.846	8.9	19.2
4 21	14 53.38	−15 27.2	1.856	2.841	5.1	18.9
5 1	14 44.27	−14 58.2	1.828	2.835	0.9	18.6
5 11	14 34.92	−14 27.6	1.828	2.829	3.4	18.8
5 21	14 26.28	−13 59.4	1.856	2.823	7.5	19.0
5 31	14 19.20	−13 37.4	1.909	2.816	11.2	19.2
6 10	14 14.25	−13 25.0	1.984	2.809	14.4	19.4

417579 2006 UN_{326} 5 3.2 152°.40 4°.7/30.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.19	− 1 58.0	2.159	3.018	11.5	21.2
4 11	15 3.04	− 1 30.3	2.100	3.028	8.6	21.0
4 21	14 54.20	− 1 6.9	2.066	3.037	5.9	20.9
5 1	14 44.41	− 0 51.6	2.060	3.046	4.7	20.8
5 11	14 34.56	− 0 47.9	2.083	3.054	6.3	20.9
5 21	14 25.52	− 0 57.3	2.133	3.061	9.1	21.1
5 31	14 17.99	− 1 20.4	2.209	3.068	11.9	21.3
6 10	14 12.44	− 1 56.3	2.306	3.073	14.4	21.5

76972 2001 BM_{51} 5 3.2 201°.53 0°.3/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.08	−18 48.2	1.809	2.666	13.5	20.7
4 11	15 2.07	−18 19.8	1.731	2.663	9.8	20.5
4 21	14 53.89	−17 39.9	1.676	2.659	5.7	20.2
5 1	14 44.38	−16 51.1	1.648	2.655	1.2	19.9
5 11	14 34.63	−15 58.2	1.648	2.650	3.5	20.0
5 21	14 25.71	−15 6.6	1.676	2.645	7.9	20.3
5 31	14 18.55	−14 22.0	1.728	2.639	11.9	20.5
6 10	14 13.75	−13 48.8	1.802	2.633	15.4	20.7

39538 1991 FD_{2} 5 3.2 29°.70 1°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.89	−19 1.5	1.142	2.024	17.8	18.1
4 11	15 1.95	−19 3.8	1.089	2.033	13.0	17.9
4 21	14 54.07	−18 52.4	1.057	2.043	7.7	17.6
5 1	14 44.42	−18 29.3	1.047	2.053	2.1	17.3
5 11	14 34.60	−17 59.7	1.061	2.065	4.4	17.5
5 21	14 26.15	−17 30.0	1.098	2.077	9.8	17.8
5 31	14 20.25	−17 6.7	1.157	2.090	14.7	18.1
6 10	14 17.52	−16 54.9	1.234	2.103	18.7	18.4

24467 2000 SS_{165} 5 3.3 270°.29 1°.3/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.71	−24 19.9	4.501	5.325	6.6	19.2
4 11	14 52.92	−23 57.3	4.408	5.317	5.0	19.1
4 21	14 48.35	−23 28.0	4.341	5.310	3.2	18.9
5 1	14 43.33	−22 52.9	4.303	5.302	1.5	18.8
5 11	14 38.24	−22 13.8	4.295	5.295	1.7	18.8
5 21	14 33.44	−21 32.5	4.317	5.287	3.5	18.9
5 31	14 29.27	−20 51.4	4.367	5.280	5.3	19.0
6 10	14 26.00	−20 12.6	4.443	5.272	6.9	19.2

181043 Anan 5 3.3 239°.86 5°.6/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.61	+ 1 57.0	2.715	3.576	9.3	20.6
4 11	14 56.78	+ 3 8.4	2.641	3.563	7.3	20.4
4 21	14 50.67	+ 4 15.7	2.595	3.551	5.9	20.3
5 1	14 43.78	+ 5 13.9	2.576	3.537	5.7	20.3
5 11	14 36.75	+ 5 59.0	2.585	3.524	7.1	20.3
5 21	14 30.18	+ 6 28.1	2.620	3.510	9.1	20.4
5 31	14 24.62	+ 6 39.9	2.679	3.495	11.3	20.6
6 10	14 20.50	+ 6 34.8	2.758	3.481	13.2	20.7

89684 2001 YY_{53} 5 3.3 276°.97 3°.1/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.30	− 9 2.4	1.827	2.698	12.7	19.0
4 11	15 1.64	− 8 32.6	1.734	2.674	9.3	18.7
4 21	14 53.77	− 7 59.9	1.665	2.649	5.6	18.5
5 1	14 44.40	− 7 28.4	1.622	2.624	3.1	18.3
5 11	14 34.55	− 7 2.9	1.607	2.598	5.5	18.3
5 21	14 25.29	− 6 47.4	1.618	2.572	9.5	18.5
5 31	14 17.60	− 6 45.3	1.654	2.546	13.5	18.7
6 10	14 12.19	− 6 58.1	1.709	2.519	17.0	18.9

249198 2008 DB_{5} 5 3.3 278°.55 4°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.56	− 3 19.1	2.192	3.064	10.8	20.3
4 11	14 57.71	− 2 24.9	2.120	3.056	8.1	20.1
4 21	14 51.28	− 1 32.5	2.074	3.048	5.6	20.0
5 1	14 43.90	− 0 46.8	2.054	3.040	4.8	19.9
5 11	14 36.37	− 0 12.4	2.062	3.032	6.5	20.0
5 21	14 29.42	+ 0 7.5	2.096	3.024	9.2	20.1
5 31	14 23.75	+ 0 11.2	2.154	3.016	12.0	20.3
6 10	14 19.83	− 0 1.3	2.232	3.007	14.5	20.5

227516 2005 YQ_{34} 5 3.3 188°.71 1°.5/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.02	−21 56.1	1.988	2.836	12.8	21.1
4 11	15 0.44	−21 35.2	1.911	2.836	9.5	20.9
4 21	14 52.92	−21 1.8	1.857	2.835	5.8	20.7
5 1	14 44.22	−20 17.5	1.830	2.834	2.1	20.4
5 11	14 35.33	−19 26.3	1.831	2.833	3.2	20.5
5 21	14 27.22	−18 33.2	1.859	2.832	7.0	20.7
5 31	14 20.71	−17 43.7	1.914	2.830	10.7	20.9
6 10	14 16.34	−17 2.6	1.990	2.828	13.9	21.1

196673 2003 SZ_{54} 5 3.3 145°.05 1°.4/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.42	−22 23.9	2.198	3.041	11.9	20.4
4 11	14 59.79	−21 58.9	2.125	3.047	8.9	20.3
4 21	14 52.45	−21 22.1	2.077	3.053	5.4	20.1
5 1	14 44.13	−20 35.3	2.055	3.059	2.0	19.8
5 11	14 35.70	−19 42.2	2.063	3.065	2.9	19.9
5 21	14 28.01	−18 47.5	2.098	3.070	6.4	20.1
5 31	14 21.79	−17 56.3	2.160	3.075	9.7	20.3
6 10	14 17.51	−17 12.8	2.245	3.079	12.6	20.5

139694 2001 QJ_{218} 5 3.3 192°.29 3°.4/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.24	−27 40.6	2.469	3.286	11.6	20.7
4 11	15 0.40	−27 48.8	2.384	3.285	9.0	20.5
4 21	14 52.84	−27 44.0	2.324	3.283	6.2	20.3
5 1	14 44.21	−27 26.1	2.291	3.281	3.8	20.1
5 11	14 35.37	−26 56.9	2.286	3.279	3.8	20.1
5 21	14 27.15	−26 19.5	2.309	3.277	6.2	20.3
5 31	14 20.30	−25 38.6	2.359	3.274	9.0	20.4
6 10	14 15.34	−24 58.9	2.433	3.271	11.6	20.6

461002 2014 WZ_{361} 5 3.3 14°.17 8°.6/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.70	−41 22.3	1.213	2.019	21.8	19.1
4 11	14 59.97	−40 29.2	1.144	2.022	18.3	18.9
4 21	14 53.02	−38 51.0	1.091	2.026	14.3	18.6
5 1	14 44.24	−36 26.4	1.059	2.031	10.5	18.4
5 11	14 35.46	−33 23.6	1.051	2.037	8.6	18.3
5 21	14 28.30	−29 58.8	1.068	2.044	10.3	18.5
5 31	14 23.93	−26 32.7	1.108	2.052	14.1	18.7
6 10	14 22.84	−23 23.3	1.171	2.061	18.1	19.0

84124 2002 RW_{33} 5 3.3 222°.48 2°.1/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.18	−13 11.1	1.824	2.693	12.8	20.4
4 11	15 0.64	−12 17.3	1.746	2.686	9.2	20.2
4 21	14 53.08	−11 16.0	1.693	2.679	5.2	19.9
5 1	14 44.26	−10 11.7	1.667	2.671	2.1	19.7
5 11	14 35.21	− 9 10.5	1.668	2.663	4.7	19.8
5 21	14 26.94	− 8 18.0	1.697	2.655	8.8	20.1
5 31	14 20.29	− 7 39.0	1.749	2.646	12.6	20.3
6 10	14 15.87	− 7 16.1	1.823	2.636	15.9	20.5

498352 2007 VX_{306} 5 3.3 271°.27 2°.6/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.32	−25 20.7	1.611	2.458	15.3	22.0
4 11	15 2.06	−24 48.9	1.514	2.436	11.7	21.7
4 21	14 54.17	−23 56.3	1.439	2.413	7.5	21.4
5 1	14 44.51	−22 43.6	1.389	2.390	3.4	21.1
5 11	14 34.30	−21 15.8	1.365	2.367	4.1	21.1
5 21	14 24.89	−19 40.7	1.368	2.343	8.7	21.3
5 31	14 17.45	−18 8.3	1.395	2.319	13.3	21.5
6 10	14 12.77	−16 47.2	1.443	2.295	17.5	21.7

299247 2005 MR_{38} 5 3.3 29°.52 4°.9/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.27	−31 36.0	2.121	2.931	13.5	20.5
4 11	14 59.96	−31 45.6	2.043	2.933	10.8	20.4
4 21	14 52.68	−31 37.6	1.987	2.935	7.9	20.2
5 1	14 44.19	−31 11.4	1.957	2.938	5.5	20.0
5 11	14 35.49	−30 29.1	1.953	2.940	5.1	20.0
5 21	14 27.57	−29 34.9	1.976	2.943	7.2	20.1
5 31	14 21.28	−28 35.0	2.025	2.945	10.0	20.3
6 10	14 17.17	−27 35.8	2.096	2.948	12.8	20.5

177293 2003 XM_{12} 5 3.3 110°.80 6°.4/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.14	−33 36.9	1.838	2.636	15.7	20.9
4 11	15 5.84	−34 6.6	1.775	2.655	12.7	20.7
4 21	14 56.05	−34 15.2	1.735	2.673	9.6	20.6
5 1	14 44.82	−34 0.5	1.719	2.691	7.0	20.4
5 11	14 33.46	−33 24.1	1.729	2.708	6.5	20.4
5 21	14 23.26	−32 31.4	1.766	2.725	8.4	20.6
5 31	14 15.24	−31 29.9	1.828	2.741	11.3	20.8
6 10	14 9.98	−30 28.0	1.912	2.757	14.1	21.0

505195 2012 TL_{145} 5 3.3 141°.82 5°.0/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.64	+ 0 49.9	2.745	3.605	9.3	21.9
4 11	14 57.39	+ 1 51.8	2.692	3.616	7.1	21.8
4 21	14 50.94	+ 2 49.1	2.666	3.626	5.5	21.7
5 1	14 43.85	+ 3 37.5	2.668	3.636	5.1	21.7
5 11	14 36.73	+ 4 13.5	2.698	3.645	6.4	21.8
5 21	14 30.17	+ 4 34.9	2.755	3.654	8.4	21.9
5 31	14 24.67	+ 4 40.8	2.836	3.662	10.5	22.0
6 10	14 20.61	+ 4 32.0	2.938	3.670	12.3	22.2

501059 2013 SU_{25} 5 3.3 276°.77 5°.5/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.94	−30 51.1	1.732	2.554	15.5	21.8
4 11	15 2.54	−30 59.0	1.634	2.533	12.5	21.5
4 21	14 54.47	−30 46.2	1.557	2.512	9.1	21.3
5 1	14 44.58	−30 10.4	1.504	2.490	6.1	21.0
5 11	14 34.10	−29 13.4	1.477	2.468	5.8	21.0
5 21	14 24.38	−28 0.3	1.476	2.446	8.7	21.1
5 31	14 16.63	−26 39.8	1.499	2.424	12.5	21.2
6 10	14 11.66	−25 21.2	1.544	2.402	16.2	21.4

299324 2005 QM_{136} 5 3.3 43°.49 4°.6/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.76	−29 34.1	2.288	3.099	12.6	20.9
4 11	15 1.70	−30 10.7	2.208	3.100	10.0	20.7
4 21	14 53.67	−30 33.5	2.151	3.101	7.3	20.6
5 1	14 44.39	−30 41.0	2.121	3.102	5.1	20.4
5 11	14 34.82	−30 33.9	2.118	3.103	4.9	20.4
5 21	14 25.90	−30 14.8	2.142	3.104	7.0	20.5
5 31	14 18.51	−29 48.3	2.192	3.106	9.7	20.7
6 10	14 13.24	−29 19.6	2.266	3.107	12.3	20.9

333662 2008 SB_{174} 5 3.3 215°.19 5°.8/ 8.2 18

4 1	15 7.81	−34 51.5	2.205	2.993	13.7	20.7
4 11	15 1.85	−34 56.8	2.116	2.988	11.3	20.5
4 21	14 53.79	−34 42.5	2.048	2.982	8.6	20.3
5 1	14 44.42	−34 7.1	2.006	2.976	6.4	20.2
5 11	14 34.78	−33 12.1	1.991	2.970	5.9	20.1
5 21	14 25.91	−32 2.2	2.003	2.963	7.5	20.2
5 31	14 18.74	−30 44.1	2.041	2.956	10.2	20.4
6 10	14 13.86	−29 25.3	2.102	2.948	12.9	20.5

341869 2008 GW_6 5 3.3 313°.09 0°.3/ 2.9 18

4 1	14 58.19	−15 3.0	3.941	4.794	6.9	20.2
4 11	14 54.06	−14 55.2	3.854	4.785	4.9	20.0
4 21	14 49.05	−14 44.3	3.793	4.777	2.8	19.9
5 1	14 43.51	−14 31.6	3.761	4.768	0.5	19.7
5 11	14 37.86	−14 18.5	3.759	4.760	1.9	19.8
5 21	14 32.51	−14 6.6	3.787	4.751	4.2	20.0
5 31	14 27.84	−13 57.7	3.842	4.743	6.2	20.1
6 10	14 24.16	−13 53.1	3.922	4.735	8.1	20.2

125236 2001 UH_{163} 5 3.3 95°.71 1°.4/ 2.6 18

4 1	15 11.09	−13 6.5	1.411	2.285	15.5	20.2
4 11	15 4.48	−12 56.5	1.356	2.297	11.2	20.0
4 21	14 55.33	−12 40.9	1.323	2.310	6.3	19.7
5 1	14 44.70	−12 22.9	1.315	2.322	1.7	19.4
5 11	14 33.97	−12 6.7	1.334	2.334	4.7	19.7
5 21	14 24.46	−11 56.8	1.378	2.346	9.5	20.0
5 31	14 17.18	−11 56.5	1.446	2.357	13.8	20.3
6 10	14 12.73	−12 8.1	1.533	2.368	17.4	20.5

344598 2003 DB_{10} 5 3.3 58°.41 8°.1/29.1 18

4 1	15 10.96	+ 9 9.5	2.018	2.860	12.8	19.6
4 11	15 3.58	+ 9 20.1	1.974	2.877	10.5	19.4
4 21	14 54.49	+ 9 16.2	1.954	2.893	8.7	19.4
5 1	14 44.52	+ 8 53.9	1.961	2.910	8.1	19.4
5 11	14 34.64	+ 8 11.5	1.994	2.926	9.2	19.4
5 21	14 25.72	+ 7 10.0	2.053	2.943	11.3	19.6
5 31	14 18.46	+ 5 51.9	2.136	2.960	13.5	19.8
6 10	14 13.30	+ 4 21.1	2.240	2.977	15.5	20.0

96382 1998 BW_7 5 3.3 113°.31 0°.8/ 2.8 18

4 1	15 11.60	−14 26.9	1.641	2.505	14.3	20.5
4 11	15 4.53	−14 15.9	1.585	2.522	10.2	20.3
4 21	14 55.24	−13 58.4	1.553	2.539	5.7	20.0
5 1	14 44.68	−13 37.1	1.548	2.555	1.2	19.8
5 11	14 34.09	−13 16.0	1.570	2.570	4.0	20.0
5 21	14 24.61	−12 59.1	1.619	2.586	8.5	20.3
5 31	14 17.14	−12 50.2	1.693	2.600	12.4	20.6
6 10	14 12.22	−12 51.6	1.788	2.614	15.7	20.8

306886 2001 TC_{63} 5 3.3 259°.28 1°.1/ 2.6 16

4 1	15 9.42	−15 9.8	1.630	2.496	14.2	22.0
4 11	15 3.48	−14 38.8	1.536	2.474	10.4	21.7
4 21	14 54.97	−13 57.9	1.466	2.451	5.9	21.3
5 1	14 44.70	−13 10.4	1.421	2.428	1.4	21.0
5 11	14 33.84	−12 21.4	1.404	2.404	4.5	21.1
5 21	14 23.68	−11 37.0	1.413	2.379	9.5	21.4
5 31	14 15.37	−11 3.0	1.446	2.353	14.1	21.6
6 10	14 9.72	−10 43.8	1.499	2.327	18.1	21.8

412188 2013 GV_{99} 5 3.3 342°.03 5°.4/30.6 17

4 1	15 6.63	− 5 45.1	1.230	2.121	16.1	19.8
4 11	15 1.66	− 5 6.0	1.168	2.116	11.9	19.5
4 21	14 53.93	− 4 28.1	1.127	2.111	7.6	19.2
5 1	14 44.48	− 3 58.4	1.110	2.107	5.4	19.1
5 11	14 34.71	− 3 43.4	1.117	2.104	8.0	19.2
5 21	14 26.04	− 3 47.4	1.146	2.101	12.4	19.4
5 31	14 19.63	− 4 11.9	1.196	2.099	16.8	19.7
6 10	14 16.18	− 4 56.0	1.264	2.097	20.5	19.9

279172 2009 SU_{241} 5 3.3 285°.73 9°.2/ 8.4 17

4 1	15 11.60	−37 25.5	1.737	2.524	16.9	20.2
4 11	15 5.52	−38 34.3	1.649	2.511	14.4	20.0
4 21	14 56.36	−39 21.8	1.581	2.498	11.8	19.8
5 1	14 44.98	−39 42.2	1.535	2.486	9.8	19.6
5 11	14 32.83	−39 33.4	1.513	2.473	9.3	19.6
5 21	14 21.49	−38 57.9	1.516	2.461	10.8	19.6
5 31	14 12.42	−38 3.1	1.541	2.448	13.4	19.8
6 10	14 6.56	−36 59.0	1.588	2.436	16.3	19.9

264438 2000 SO_{214} 5 3.3 210°.92 1°.7/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.33	−21 46.2	2.048	2.893	12.6	21.1
4 11	15 1.42	−21 41.2	1.966	2.889	9.4	20.9
4 21	14 53.53	−21 24.8	1.907	2.884	5.8	20.7
5 1	14 44.40	−20 57.9	1.876	2.879	2.2	20.4
5 11	14 35.00	−20 23.5	1.872	2.874	3.2	20.5
5 21	14 26.32	−19 45.7	1.897	2.868	7.0	20.7
5 31	14 19.21	−19 9.5	1.947	2.862	10.6	20.9
6 10	14 14.26	−18 39.3	2.019	2.856	13.7	21.1

59646 1999 JX_{89} 5 3.3 289°.96 8°.7/27.4 18

4 1	15 6.95	+ 5 17.6	1.715	2.580	13.6	18.8
4 11	15 1.36	+ 6 13.2	1.641	2.562	11.1	18.6
4 21	14 53.59	+ 6 58.6	1.590	2.543	9.1	18.4
5 1	14 44.42	+ 7 26.3	1.564	2.524	8.8	18.4
5 11	14 34.91	+ 7 30.9	1.563	2.505	10.5	18.4
5 21	14 26.13	+ 7 9.7	1.585	2.486	13.3	18.6
5 31	14 19.02	+ 6 23.3	1.629	2.467	16.3	18.7
6 10	14 14.25	+ 5 14.6	1.690	2.449	19.1	18.9

368256 2001 XR_{162} 5 3.3 179°.02 0°.2/ 3.5 17

4 1	15 6.80	−18 34.1	2.414	3.260	10.9	22.4
4 11	15 0.67	−18 5.7	2.335	3.262	7.9	22.2
4 21	14 52.94	−17 28.7	2.282	3.263	4.5	22.0
5 1	14 44.27	−16 45.2	2.257	3.264	1.0	21.7
5 11	14 35.47	−15 58.7	2.263	3.264	2.8	21.8
5 21	14 27.33	−15 13.3	2.297	3.263	6.3	22.1
5 31	14 20.51	−14 33.1	2.358	3.262	9.5	22.3
6 10	14 15.50	−14 1.2	2.442	3.259	12.3	22.4

469828 2005 SB_{228} 5 3.3 212°.98 0°.0/ 3.1 18

4 1	15 3.34	−17 4.3	2.863	3.712	9.3	22.2
4 11	14 58.04	−16 44.7	2.776	3.705	6.7	22.1
4 21	14 51.41	−16 19.1	2.716	3.698	3.8	21.9
5 1	14 43.99	−15 49.0	2.684	3.691	0.7	21.6
5 11	14 36.41	−15 17.3	2.682	3.683	2.4	21.7
5 21	14 29.30	−14 46.6	2.710	3.675	5.5	21.9
5 31	14 23.23	−14 19.9	2.764	3.667	8.3	22.1
6 10	14 18.62	−13 59.8	2.843	3.658	10.8	22.3

35177 1993 TP_{22} 5 3.3 346°.12 1°.3/ 2.4 18

4 1	15 2.11	−13 37.4	1.778	2.655	12.7	18.1
4 11	14 57.79	−13 15.5	1.703	2.646	9.1	17.9
4 21	14 51.53	−12 47.8	1.652	2.639	5.2	17.6
5 1	14 44.04	−12 17.4	1.626	2.633	1.4	17.4
5 11	14 36.30	−11 48.7	1.627	2.627	4.0	17.5
5 21	14 29.28	−11 25.7	1.654	2.622	8.2	17.8
5 31	14 23.83	−11 12.4	1.705	2.617	12.0	18.0
6 10	14 20.52	−11 10.9	1.776	2.614	15.3	18.2

374479 2005 YK_{46} 5 3.3 186°.99 5°.7/28.5 17

4 1	15 6.07	+ 0 26.5	2.279	3.140	10.9	21.6
4 11	15 0.14	+ 1 21.3	2.214	3.140	8.3	21.4
4 21	14 52.64	+ 2 11.2	2.176	3.139	6.3	21.3
5 1	14 44.23	+ 2 51.4	2.164	3.138	5.7	21.2
5 11	14 35.72	+ 3 17.4	2.181	3.136	7.2	21.3
5 21	14 27.85	+ 3 27.1	2.224	3.133	9.7	21.4
5 31	14 21.31	+ 3 19.4	2.291	3.130	12.2	21.6
6 10	14 16.54	+ 2 55.4	2.378	3.126	14.5	21.8

106635 2000 WL_{132} 5 3.3 77°.00 6°.3/ 8.4 18

4 1	15 7.35	−34 33.7	1.825	2.628	15.6	19.0
4 11	15 1.77	−34 39.1	1.752	2.634	12.7	18.8
4 21	14 53.83	−34 21.6	1.699	2.639	9.6	18.6
5 1	14 44.48	−33 40.2	1.671	2.645	7.0	18.4
5 11	14 34.95	−32 37.2	1.668	2.650	6.4	18.4
5 21	14 26.43	−31 18.8	1.691	2.656	8.3	18.5
5 31	14 19.91	−29 53.4	1.739	2.662	11.2	18.7
6 10	14 15.98	−28 29.6	1.810	2.667	14.2	18.9

269929 2000 QV_{19} 5 3.3 258°.40 1°.5/ 4.4 18

4 1	15 7.35	−21 22.8	2.016	2.862	12.7	21.6
4 11	15 1.61	−21 14.3	1.919	2.843	9.5	21.3
4 21	14 53.75	−20 54.1	1.847	2.824	5.8	21.0
5 1	14 44.49	−20 23.1	1.801	2.805	2.1	20.8
5 11	14 34.81	−19 44.2	1.783	2.785	3.3	20.8
5 21	14 25.73	−19 1.7	1.793	2.765	7.3	21.0
5 31	14 18.20	−18 20.9	1.828	2.744	11.2	21.2
6 10	14 12.88	−17 47.0	1.886	2.722	14.6	21.4

271628 2004 PY_{65} 5 3.3 236°.58 6°.6/27.4 17

4 1	15 4.04	− 0 14.8	1.940	2.812	12.0	20.7
4 11	14 58.95	+ 1 12.8	1.873	2.805	9.3	20.5
4 21	14 52.09	+ 2 36.9	1.832	2.797	7.1	20.4
5 1	14 44.15	+ 3 50.4	1.817	2.789	6.8	20.3
5 11	14 36.03	+ 4 46.7	1.829	2.781	8.6	20.4
5 21	14 28.61	+ 5 21.9	1.866	2.772	11.4	20.6
5 31	14 22.65	+ 5 34.2	1.925	2.763	14.2	20.7
6 10	14 18.66	+ 5 24.5	2.003	2.754	16.7	20.9

74736 1999 RD_{180} 5 3.3 266°.76 0°.9/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.41	−14 9.2	1.595	2.464	14.3	19.5
4 11	15 3.45	−14 4.5	1.510	2.449	10.4	19.2
4 21	14 54.95	−13 53.5	1.449	2.435	6.0	18.9
5 1	14 44.73	−13 38.4	1.413	2.420	1.3	18.5
5 11	14 34.01	−13 22.9	1.404	2.405	4.3	18.7
5 21	14 24.06	−13 11.2	1.421	2.390	9.2	19.0
5 31	14 16.02	−13 7.3	1.462	2.374	13.7	19.2
6 10	14 10.65	−13 14.4	1.523	2.358	17.5	19.4

104895 2000 JU_4 5 3.3 179°.55 1°.3/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.09	−20 47.5	2.343	3.186	11.3	20.6
4 11	15 0.28	−20 41.6	2.264	3.187	8.3	20.4
4 21	14 52.79	−20 26.4	2.210	3.188	5.0	20.2
5 1	14 44.29	−20 3.1	2.184	3.188	1.8	19.9
5 11	14 35.61	−19 34.1	2.186	3.188	2.8	20.0
5 21	14 27.57	−19 2.9	2.217	3.187	6.2	20.2
5 31	14 20.89	−18 33.6	2.274	3.187	9.4	20.4
6 10	14 16.07	−18 9.7	2.355	3.186	12.2	20.6

353613 2011 UJ_{23} 5 3.3 244°.72 0°.1/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.69	−16 25.2	2.490	3.343	10.3	21.9
4 11	14 59.23	−16 12.3	2.400	3.331	7.5	21.7
4 21	14 52.20	−15 53.0	2.336	3.319	4.3	21.4
5 1	14 44.19	−15 29.3	2.300	3.306	0.8	21.1
5 11	14 35.93	−15 3.7	2.293	3.294	2.8	21.3
5 21	14 28.19	−14 39.4	2.314	3.281	6.3	21.5
5 31	14 21.63	−14 19.5	2.362	3.267	9.4	21.7
6 10	14 16.78	−14 6.8	2.434	3.254	12.2	21.8

56163 1999 DE_3 5 3.3 34°.61 0°.4/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.10	−18 16.1	1.578	2.445	14.5	19.6
4 11	15 0.85	−17 58.7	1.511	2.449	10.6	19.4
4 21	14 53.32	−17 30.3	1.468	2.452	6.1	19.2
5 1	14 44.40	−16 53.5	1.449	2.456	1.3	18.8
5 11	14 35.29	−16 13.1	1.457	2.460	3.7	19.0
5 21	14 27.14	−15 34.4	1.491	2.464	8.3	19.3
5 31	14 20.91	−15 3.0	1.549	2.469	12.5	19.6
6 10	14 17.20	−14 42.7	1.627	2.473	16.1	19.8

275305 2010 RJ_{103} 5 3.3 225°.32 0°.2/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.00	−17 20.6	1.893	2.750	12.9	22.0
4 11	15 2.03	−16 50.1	1.807	2.741	9.4	21.8
4 21	14 53.95	−16 9.5	1.746	2.730	5.4	21.5
5 1	14 44.53	−15 21.5	1.712	2.719	1.0	21.2
5 11	14 34.80	−14 30.7	1.706	2.707	3.6	21.4
5 21	14 25.80	−13 42.2	1.728	2.695	7.9	21.6
5 31	14 18.45	−13 1.4	1.775	2.682	11.9	21.8
6 10	14 13.36	−12 32.2	1.843	2.669	15.3	22.0

513414 2008 SV_{267} 5 3.3 150°.95 0°.4/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.75	−14 57.6	4.009	4.858	6.8	22.9
4 11	14 55.12	−14 38.8	3.935	4.865	4.9	22.7
4 21	14 49.64	−14 16.6	3.890	4.873	2.7	22.6
5 1	14 43.69	−13 52.7	3.873	4.880	0.6	22.4
5 11	14 37.68	−13 28.8	3.888	4.887	1.9	22.5
5 21	14 32.03	−13 6.7	3.932	4.894	4.1	22.7
5 31	14 27.09	−12 48.1	4.004	4.900	6.1	22.8
6 10	14 23.16	−12 34.6	4.101	4.906	7.9	23.0

371197 2005 YO_{159} 5 3.3 179°.17 4°.0/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.07	−31 16.1	2.478	3.277	12.1	21.8
4 11	15 1.71	−31 3.1	2.393	3.279	9.6	21.6
4 21	14 53.60	−30 33.6	2.331	3.280	6.9	21.4
5 1	14 44.44	−29 47.6	2.297	3.281	4.5	21.3
5 11	14 35.16	−28 47.7	2.291	3.280	4.2	21.3
5 21	14 26.60	−27 38.4	2.314	3.280	6.3	21.4
5 31	14 19.51	−26 25.5	2.364	3.278	9.0	21.6
6 10	14 14.41	−25 14.9	2.439	3.276	11.7	21.7

360670 2004 RU_{175} 5 3.3 198°.46 4°.8/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.74	+ 1 48.9	3.313	4.169	7.9	21.8
4 11	14 55.96	+ 3 5.1	3.246	4.165	6.2	21.6
4 21	14 50.17	+ 4 17.6	3.207	4.161	5.0	21.5
5 1	14 43.79	+ 5 22.6	3.198	4.156	4.9	21.5
5 11	14 37.33	+ 6 16.3	3.217	4.151	6.0	21.6
5 21	14 31.27	+ 6 56.5	3.264	4.145	7.8	21.7
5 31	14 26.04	+ 7 21.9	3.335	4.139	9.5	21.8
6 10	14 21.99	+ 7 32.5	3.427	4.132	11.1	21.9

297722 2001 WB_{20} 5 3.3 123°.78 1°.0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.71	−19 39.9	1.656	2.509	14.7	21.5
4 11	15 4.71	−19 28.6	1.597	2.526	10.7	21.3
4 21	14 55.40	−19 5.5	1.560	2.541	6.3	21.1
5 1	14 44.79	−18 32.5	1.550	2.556	1.7	20.8
5 11	14 34.11	−17 54.0	1.568	2.570	3.5	21.0
5 21	14 24.55	−17 15.2	1.613	2.584	8.0	21.3
5 31	14 17.04	−16 41.7	1.682	2.597	12.0	21.5
6 10	14 12.13	−16 17.7	1.773	2.609	15.4	21.8

474090 2016 KF_2 5 3.3 299°.92 6°.4/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.56	− 0 50.0	1.617	2.492	13.8	20.5
4 11	15 1.94	− 0 17.7	1.541	2.476	10.6	20.3
4 21	14 54.00	+ 0 8.5	1.488	2.460	7.6	20.1
5 1	14 44.56	+ 0 22.9	1.460	2.445	6.4	20.0
5 11	14 34.74	+ 0 20.5	1.457	2.430	8.3	20.0
5 21	14 25.68	− 0 1.3	1.480	2.414	11.8	20.2
5 31	14 18.41	− 0 42.9	1.524	2.399	15.4	20.4
6 10	14 13.60	− 1 42.6	1.588	2.385	18.6	20.5

214680 2006 SK_{204} 5 3.3 55°.29 2°.0/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.14	−12 1.6	2.071	2.941	11.4	20.8
4 11	14 58.19	−11 21.5	2.005	2.946	8.2	20.6
4 21	14 51.61	−10 36.9	1.965	2.950	4.6	20.4
5 1	14 44.07	− 9 51.8	1.951	2.955	2.0	20.2
5 11	14 36.44	− 9 10.7	1.966	2.960	4.2	20.4
5 21	14 29.51	− 8 37.3	2.007	2.965	7.7	20.6
5 31	14 23.98	− 8 14.9	2.073	2.970	10.9	20.8
6 10	14 20.31	− 8 5.2	2.161	2.976	13.7	21.0

32913 1994 YV_3 5 3.3 169°.72 1°.8/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.09	−22 25.5	1.814	2.658	14.0	19.4
4 11	15 3.55	−22 8.9	1.740	2.663	10.4	19.2
4 21	14 54.79	−21 38.3	1.689	2.666	6.4	19.0
5 1	14 44.69	−20 55.2	1.665	2.669	2.4	18.7
5 11	14 34.39	−20 3.7	1.669	2.671	3.5	18.8
5 21	14 25.03	−19 9.2	1.701	2.673	7.6	19.0
5 31	14 17.53	−18 18.2	1.758	2.674	11.5	19.3
6 10	14 12.48	−17 36.0	1.837	2.674	14.9	19.5

482463 2012 JL 5 3.3 105°.61 18°.2/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.94	+22 24.5	1.126	1.946	22.2	20.5
4 11	15 12.65	+23 11.3	1.091	1.954	20.1	20.3
4 21	15 0.02	+23 19.0	1.073	1.961	18.6	20.3
5 1	14 45.64	+22 36.9	1.073	1.969	18.3	20.3
5 11	14 31.50	+21 2.5	1.094	1.976	19.3	20.3
5 21	14 19.34	+18 42.2	1.133	1.983	21.2	20.5
5 31	14 10.35	+15 47.7	1.191	1.990	23.4	20.7
6 10	14 5.04	+12 32.1	1.265	1.996	25.6	20.9

498458 2008 BE_{53} 5 3.3 85°.80 9°.8/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.43	+14 46.9	2.334	3.167	11.6	21.6
4 11	14 57.43	+16 30.2	2.308	3.183	10.4	21.5
4 21	14 51.06	+17 57.5	2.307	3.198	9.8	21.5
5 1	14 43.97	+19 2.7	2.330	3.214	10.2	21.5
5 11	14 36.89	+19 42.0	2.378	3.229	11.2	21.6
5 21	14 30.52	+19 54.8	2.447	3.245	12.7	21.7
5 31	14 25.42	+19 42.3	2.535	3.260	14.2	21.9
6 10	14 21.97	+19 8.1	2.639	3.275	15.5	22.0

236884 2007 SD_2 5 3.3 155°.46 2°.1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.88	−26 31.1	3.657	4.471	8.2	21.3
4 11	14 56.08	−26 24.3	3.575	4.476	6.3	21.2
4 21	14 50.25	−26 8.7	3.519	4.480	4.2	21.1
5 1	14 43.82	−25 45.1	3.491	4.484	2.4	20.9
5 11	14 37.31	−25 15.1	3.492	4.488	2.5	20.9
5 21	14 31.20	−24 40.8	3.523	4.492	4.2	21.1
5 31	14 25.95	−24 5.1	3.582	4.495	6.3	21.2
6 10	14 21.90	−23 30.8	3.666	4.498	8.2	21.4

36479 2000 QX_{29} 5 3.3 261°.84 1°.2/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.09	−14 9.3	1.830	2.698	12.8	19.4
4 11	15 0.69	−13 42.7	1.749	2.688	9.3	19.2
4 21	14 53.21	−13 9.2	1.691	2.677	5.2	18.9
5 1	14 44.41	−12 32.0	1.660	2.667	1.4	18.6
5 11	14 35.31	−11 55.5	1.657	2.656	4.1	18.8
5 21	14 26.92	−11 24.3	1.680	2.645	8.3	19.0
5 31	14 20.15	−11 2.6	1.728	2.634	12.2	19.2
6 10	14 15.62	−10 53.2	1.796	2.623	15.6	19.4

354735 2005 SE_{232} 5 3.3 157°.35 0°.3/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.76	−18 14.9	1.581	2.441	14.9	22.1
4 11	15 4.21	−17 53.2	1.514	2.447	10.9	21.8
4 21	14 55.24	−17 20.0	1.470	2.453	6.2	21.6
5 1	14 44.80	−16 38.0	1.451	2.458	1.3	21.2
5 11	14 34.18	−15 52.2	1.460	2.463	3.8	21.4
5 21	14 24.62	−15 8.2	1.496	2.466	8.6	21.7
5 31	14 17.12	−14 32.0	1.556	2.469	12.9	22.0
6 10	14 12.30	−14 7.9	1.636	2.472	16.5	22.2

142299 2002 RO_{147} 5 3.3 222°.28 1°.2/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.94	−14 50.8	1.793	2.659	13.1	21.0
4 11	15 1.29	−14 13.0	1.715	2.653	9.5	20.7
4 21	14 53.55	−13 26.9	1.661	2.647	5.3	20.5
5 1	14 44.49	−12 36.2	1.634	2.640	1.4	20.2
5 11	14 35.17	−11 46.1	1.635	2.633	4.1	20.3
5 21	14 26.64	−11 1.9	1.662	2.626	8.5	20.6
5 31	14 19.80	−10 28.3	1.714	2.618	12.4	20.8
6 10	14 15.25	−10 8.5	1.786	2.610	15.8	21.0

273044 2006 DN_{138} 5 3.3 33°.28 2°.9/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.69	−10 18.6	1.566	2.447	13.8	20.1
4 11	14 59.69	− 9 41.1	1.509	2.455	9.9	19.9
4 21	14 52.60	− 9 0.3	1.476	2.463	5.8	19.7
5 1	14 44.29	− 8 21.2	1.468	2.471	2.9	19.5
5 11	14 35.89	− 7 49.2	1.487	2.480	5.4	19.7
5 21	14 28.45	− 7 28.5	1.530	2.490	9.5	19.9
5 31	14 22.83	− 7 22.0	1.597	2.500	13.3	20.2
6 10	14 19.55	− 7 30.8	1.683	2.510	16.5	20.4

89237 2001 UD_{152} 5 3.3 350°.05 5°.8/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.64	− 1 9.7	1.399	2.275	15.5	18.0
4 11	15 5.10	− 1 22.6	1.333	2.270	11.7	17.7
4 21	14 55.87	− 1 45.1	1.289	2.266	7.9	17.5
5 1	14 44.94	− 2 21.3	1.270	2.263	5.8	17.4
5 11	14 33.68	− 3 13.3	1.276	2.260	7.7	17.4
5 21	14 23.44	− 4 20.9	1.308	2.258	11.6	17.7
5 31	14 15.39	− 5 42.2	1.362	2.257	15.6	17.9
6 10	14 10.22	− 7 14.5	1.436	2.256	19.1	18.1

241814 2001 RB_{152} 5 3.3 184°.30 4°.3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.80	− 2 38.6	2.510	3.375	9.9	20.7
4 11	14 58.42	− 1 53.7	2.443	3.375	7.4	20.5
4 21	14 51.67	− 1 11.4	2.402	3.374	5.1	20.4
5 1	14 44.12	− 0 35.7	2.390	3.374	4.3	20.3
5 11	14 36.46	− 0 10.2	2.405	3.373	5.8	20.4
5 21	14 29.37	+ 0 2.8	2.448	3.372	8.3	20.6
5 31	14 23.44	+ 0 2.0	2.515	3.370	10.7	20.7
6 10	14 19.09	− 0 12.6	2.604	3.368	13.0	20.9

511886 2015 GP_{45} 5 3.3 294°.22 2°.6/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.46	− 9 0.9	1.933	2.803	12.1	21.0
4 11	15 0.82	− 8 49.1	1.856	2.795	8.8	20.8
4 21	14 53.24	− 8 36.2	1.803	2.787	5.2	20.5
5 1	14 44.44	− 8 25.3	1.777	2.780	2.6	20.3
5 11	14 35.37	− 8 19.9	1.779	2.772	4.7	20.5
5 21	14 26.99	− 8 22.5	1.807	2.764	8.4	20.7
5 31	14 20.13	− 8 35.2	1.861	2.757	12.0	20.9
6 10	14 15.37	− 8 59.2	1.935	2.750	15.1	21.1

106743 2000 WU_{189} 5 3.3 283°.14 1°.7/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.74	−22 43.2	2.263	3.106	11.6	19.7
4 11	14 58.80	−22 27.3	2.167	3.089	8.7	19.5
4 21	14 52.08	−21 59.7	2.095	3.071	5.4	19.3
5 1	14 44.22	−21 21.4	2.051	3.053	2.2	19.0
5 11	14 36.06	−20 35.3	2.034	3.036	3.0	19.1
5 21	14 28.45	−19 45.8	2.045	3.018	6.5	19.2
5 31	14 22.17	−18 57.6	2.082	3.000	9.9	19.4
6 10	14 17.79	−18 15.5	2.142	2.982	13.0	19.6

68986 2002 TN_{28} 5 3.3 151°.12 0°.2/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.22	−16 14.9	2.328	3.183	10.9	20.2
4 11	14 59.59	−15 56.1	2.256	3.188	7.9	20.0
4 21	14 52.39	−15 30.7	2.209	3.193	4.4	19.8
5 1	14 44.26	−15 1.0	2.191	3.197	0.8	19.6
5 11	14 36.02	−14 30.2	2.201	3.202	2.9	19.7
5 21	14 28.42	−14 1.8	2.239	3.205	6.4	20.0
5 31	14 22.14	−13 38.9	2.304	3.209	9.6	20.2
6 10	14 17.66	−13 24.2	2.391	3.212	12.4	20.4

204913 2008 RG_{108} 5 3.3 262°.77 0°.0/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.17	−17 45.4	1.906	2.767	12.7	20.9
4 11	14 59.97	−17 18.4	1.825	2.759	9.2	20.6
4 21	14 52.78	−16 41.5	1.767	2.751	5.3	20.4
5 1	14 44.36	−15 57.4	1.736	2.743	1.0	20.0
5 11	14 35.67	−15 10.4	1.733	2.734	3.4	20.2
5 21	14 27.69	−14 25.4	1.756	2.726	7.6	20.4
5 31	14 21.28	−13 47.4	1.805	2.717	11.5	20.7
6 10	14 17.03	−13 20.3	1.875	2.709	14.8	20.9

46754 1998 FX_{49} 5 3.3 353°.55 1°.0/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.46	−18 55.2	1.049	1.936	18.5	18.8
4 11	15 2.11	−18 50.6	0.987	1.933	13.7	18.5
4 21	14 54.48	−18 30.7	0.943	1.930	8.1	18.2
5 1	14 44.71	−17 57.9	0.922	1.928	2.1	17.8
5 11	14 34.51	−17 17.8	0.923	1.927	4.7	18.0
5 21	14 25.61	−16 38.3	0.946	1.927	10.7	18.3
5 31	14 19.41	−16 7.3	0.990	1.927	16.1	18.6
6 10	14 16.69	−15 50.7	1.051	1.928	20.7	18.9

501068 2013 SD_{39} 5 3.3 188°.71 1°.1/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.80	−20 7.3	2.136	2.982	12.1	22.4
4 11	15 1.68	−19 59.9	2.056	2.981	8.9	22.2
4 21	14 53.67	−19 42.7	2.001	2.980	5.3	22.0
5 1	14 44.52	−19 17.0	1.974	2.979	1.7	21.8
5 11	14 35.15	−18 45.6	1.975	2.977	3.0	21.9
5 21	14 26.48	−18 12.5	2.004	2.974	6.8	22.1
5 31	14 19.33	−17 42.1	2.059	2.971	10.3	22.3
6 10	14 14.24	−17 18.2	2.137	2.968	13.3	22.5

151742 2003 CW_{19} 5 3.3 111°.60 2°.7/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.56	−25 46.0	2.048	2.876	13.2	21.3
4 11	15 2.83	−25 30.8	1.988	2.898	10.0	21.1
4 21	14 54.22	−25 0.7	1.952	2.920	6.5	21.0
5 1	14 44.60	−24 17.1	1.943	2.941	3.3	20.8
5 11	14 34.99	−23 23.7	1.962	2.961	3.5	20.9
5 21	14 26.36	−22 25.8	2.010	2.981	6.7	21.1
5 31	14 19.45	−21 29.2	2.084	3.000	10.0	21.3
6 10	14 14.76	−20 39.2	2.181	3.019	12.8	21.5

136718 1995 UP_{18} 5 3.3 148°.97 2°.7/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.25	−24 47.0	2.353	3.183	11.7	20.2
4 11	15 0.48	−24 58.7	2.275	3.186	8.9	20.0
4 21	14 52.96	−24 59.2	2.220	3.188	5.8	19.8
5 1	14 44.39	−24 48.4	2.193	3.190	3.2	19.6
5 11	14 35.61	−24 28.3	2.195	3.192	3.4	19.7
5 21	14 27.48	−24 1.8	2.224	3.194	6.2	19.8
5 31	14 20.74	−23 33.3	2.280	3.196	9.2	20.0
6 10	14 15.91	−23 6.9	2.359	3.198	11.9	20.2

496137 2010 RU_{63} 5 3.3 253°.18 0°.9/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.86	−19 58.6	1.805	2.658	13.7	22.4
4 11	15 2.93	−19 40.2	1.710	2.639	10.2	22.1
4 21	14 54.64	−19 9.3	1.638	2.619	6.1	21.8
5 1	14 44.74	−18 27.3	1.593	2.599	1.7	21.5
5 11	14 34.36	−17 38.2	1.575	2.577	3.5	21.6
5 21	14 24.65	−16 47.3	1.584	2.555	8.1	21.8
5 31	14 16.67	−16 0.9	1.619	2.533	12.4	22.0
6 10	14 11.15	−15 24.3	1.674	2.510	16.2	22.2

480205 2015 FF_{373} 5 3.3 299°.69 8°.6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.79	+ 6 52.2	1.914	2.775	12.6	20.5
4 11	14 59.59	+ 7 52.0	1.847	2.762	10.4	20.3
4 21	14 52.52	+ 8 41.1	1.804	2.748	8.9	20.2
5 1	14 44.31	+ 9 12.7	1.786	2.735	8.8	20.1
5 11	14 35.88	+ 9 22.0	1.793	2.722	10.3	20.2
5 21	14 28.14	+ 9 6.9	1.823	2.710	12.6	20.3
5 31	14 21.90	+ 8 27.9	1.875	2.697	15.2	20.5
6 10	14 17.69	+ 7 27.8	1.945	2.685	17.5	20.6

219512 2001 NG_{5} 5 3.3 244°.48 2°.2/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.97	−23 1.3	2.087	2.925	12.7	21.6
4 11	15 2.78	−22 59.5	1.989	2.907	9.6	21.3
4 21	14 54.45	−22 45.4	1.915	2.889	6.1	21.1
5 1	14 44.70	−22 19.2	1.868	2.870	2.7	20.8
5 11	14 34.52	−21 43.3	1.850	2.850	3.4	20.8
5 21	14 24.93	−21 1.8	1.859	2.830	7.1	21.0
5 31	14 16.89	−20 20.0	1.895	2.809	10.9	21.2
6 10	14 11.08	−19 43.3	1.953	2.788	14.2	21.4

182841 2002 CU_{18} 5 3.3 345°.66 6°.0/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.30	−32 37.0	2.168	2.967	13.6	19.8
4 11	15 2.36	−33 26.6	2.085	2.965	11.1	19.6
4 21	14 54.23	−34 0.4	2.025	2.962	8.5	19.5
5 1	14 44.66	−34 15.8	1.991	2.960	6.5	19.3
5 11	14 34.68	−34 12.8	1.983	2.958	6.2	19.3
5 21	14 25.39	−33 53.9	2.001	2.957	7.9	19.4
5 31	14 17.75	−33 24.1	2.045	2.956	10.4	19.6
6 10	14 12.43	−32 49.5	2.111	2.954	13.0	19.7

184982 2006 BV_{252} 5 3.3 338°.90 0°.5/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.04	−14 34.5	3.963	4.818	6.8	20.2
4 11	14 53.26	−14 12.7	3.882	4.815	4.8	20.1
4 21	14 48.66	−13 47.7	3.828	4.812	2.7	19.9
5 1	14 43.56	−13 21.0	3.802	4.809	0.6	19.7
5 11	14 38.39	−12 54.6	3.807	4.806	2.0	19.8
5 21	14 33.53	−12 30.3	3.841	4.803	4.2	20.0
5 31	14 29.34	−12 10.1	3.902	4.801	6.2	20.1
6 10	14 26.11	−11 55.2	3.988	4.798	8.0	20.3

286412 2001 YN_{110} 5 3.3 187°.84 1°.0/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.60	−21 29.9	2.509	3.352	10.6	20.9
4 11	14 58.40	−20 59.1	2.428	3.351	7.9	20.7
4 21	14 51.71	−20 18.1	2.372	3.350	4.7	20.5
5 1	14 44.15	−19 28.7	2.345	3.349	1.5	20.3
5 11	14 36.46	−18 34.4	2.346	3.348	2.6	20.4
5 21	14 29.36	−17 39.3	2.376	3.347	5.8	20.6
5 31	14 23.50	−16 47.9	2.433	3.345	8.9	20.8
6 10	14 19.33	−16 3.9	2.514	3.343	11.6	20.9

299948 2006 TT_{56} 5 3.3 222°.73 0°.6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.88	−16 23.2	2.417	3.275	10.5	20.6
4 11	14 57.92	−15 39.6	2.336	3.270	7.5	20.4
4 21	14 51.46	−14 48.4	2.280	3.265	4.2	20.1
5 1	14 44.10	−13 52.5	2.253	3.260	0.9	19.9
5 11	14 36.61	−12 56.1	2.254	3.254	3.1	20.0
5 21	14 29.68	−12 3.4	2.284	3.248	6.5	20.2
5 31	14 23.97	−11 18.5	2.340	3.242	9.7	20.4
6 10	14 19.93	−10 44.2	2.419	3.236	12.4	20.6

192286 1981 ES_{15} 5 3.3 349°.99 9°.3/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.70	−32 27.2	1.222	2.065	19.4	18.8
4 11	15 1.08	−33 48.2	1.149	2.053	16.1	18.5
4 21	14 54.10	−34 47.1	1.094	2.044	12.7	18.3
5 1	14 44.69	−35 17.5	1.060	2.035	9.9	18.1
5 11	14 34.51	−35 17.4	1.048	2.029	9.5	18.1
5 21	14 25.38	−34 50.3	1.057	2.024	11.8	18.2
5 31	14 18.92	−34 5.0	1.086	2.021	15.3	18.4
6 10	14 16.11	−33 12.6	1.134	2.019	18.9	18.6

306968 2001 VL_{40} 5 3.3 240°.74 1°.6/ 4.6 17

4 1	15 6.94	−22 29.3	2.049	2.893	12.6	21.3
4 11	15 1.25	−22 8.2	1.957	2.879	9.5	21.1
4 21	14 53.54	−21 33.9	1.889	2.865	5.8	20.8
5 1	14 44.52	−20 47.7	1.847	2.851	2.2	20.6
5 11	14 35.18	−19 53.1	1.834	2.836	3.2	20.6
5 21	14 26.51	−18 55.2	1.849	2.821	7.1	20.8
5 31	14 19.37	−17 59.9	1.889	2.805	10.9	21.0
6 10	14 14.40	−17 12.5	1.952	2.788	14.2	21.2

309703 2008 FM_{118} 5 3.3 45°.34 1°.3/ 2.3 17

4 1	15 3.62	−13 1.3	2.070	2.938	11.5	21.2
4 11	14 58.54	−12 38.6	2.009	2.948	8.2	21.0
4 21	14 51.82	−12 11.5	1.973	2.959	4.6	20.8
5 1	14 44.17	−11 43.1	1.964	2.970	1.4	20.6
5 11	14 36.45	−11 16.9	1.983	2.981	3.7	20.8
5 21	14 29.47	−10 56.4	2.029	2.992	7.2	21.0
5 31	14 23.90	−10 44.3	2.100	3.004	10.5	21.3
6 10	14 20.20	−10 42.5	2.193	3.015	13.3	21.5

359444 2010 MS_{88} 5 3.3 334°.16 0°.1/ 3.2 17

4 1	15 2.35	−18 16.9	1.106	1.997	17.5	20.4
4 11	14 59.05	−17 39.8	1.035	1.984	12.9	20.1
4 21	14 52.73	−16 45.5	0.983	1.972	7.4	19.8
5 1	14 44.41	−15 38.4	0.953	1.960	1.4	19.3
5 11	14 35.59	−14 26.7	0.946	1.950	4.9	19.5
5 21	14 27.86	−13 20.0	0.962	1.940	10.9	19.8
5 31	14 22.53	−12 27.5	0.998	1.932	16.3	20.1
6 10	14 20.42	−11 55.0	1.051	1.925	20.9	20.4

371023 2005 UP_{65} 5 3.3 121°.51 12°.4/15.1 18

4 1	15 23.19	−54 13.0	2.282	2.920	17.1	21.4
4 11	15 14.08	−55 39.9	2.218	2.937	15.7	21.3
4 21	15 1.30	−56 39.1	2.171	2.954	14.3	21.2
5 1	14 46.04	−57 4.0	2.144	2.970	13.1	21.2
5 11	14 30.19	−56 52.0	2.138	2.985	12.5	21.2
5 21	14 15.71	−56 5.8	2.154	3.000	12.6	21.2
5 31	14 4.23	−54 52.9	2.192	3.014	13.3	21.3
6 10	13 56.60	−53 24.0	2.250	3.027	14.4	21.4

498833 2008 WR_{21} 5 3.3 205°.62 0°.0/ 3.3 17

4 1	15 6.85	−16 40.1	1.963	2.823	12.4	21.7
4 11	15 1.10	−16 34.7	1.888	2.822	9.1	21.4
4 21	14 53.40	−16 21.8	1.837	2.821	5.2	21.2
5 1	14 44.50	−16 3.5	1.813	2.819	1.0	20.9
5 11	14 35.37	−15 42.7	1.816	2.818	3.2	21.1
5 21	14 26.97	−15 23.1	1.847	2.817	7.3	21.3
5 31	14 20.14	−15 8.3	1.904	2.815	11.0	21.5
6 10	14 15.46	−15 1.6	1.982	2.814	14.2	21.7

80027 1999 JV_{11} 5 3.3 209°.15 15°.6/27.3 18

4 1	15 20.42	+17 48.5	1.274	2.103	19.6	19.2
4 11	15 11.61	+18 43.2	1.222	2.100	17.4	19.1
4 21	14 59.61	+19 8.2	1.190	2.095	15.9	18.9
5 1	14 45.68	+18 52.5	1.178	2.090	15.7	18.9
5 11	14 31.59	+17 51.0	1.188	2.085	17.0	19.0
5 21	14 19.00	+16 6.6	1.219	2.078	19.3	19.1
5 31	14 9.21	+13 47.1	1.269	2.071	22.0	19.3
6 10	14 2.88	+11 3.5	1.335	2.064	24.6	19.4

393275 2013 WX_{85} 5 3.3 219°.72 2°.6/ 1.5 17

4 1	15 6.35	− 9 29.0	1.960	2.829	12.0	20.8
4 11	15 0.67	− 9 2.9	1.888	2.827	8.7	20.6
4 21	14 53.13	− 8 34.7	1.839	2.824	5.1	20.4
5 1	14 44.45	− 8 8.0	1.818	2.820	2.6	20.2
5 11	14 35.57	− 7 46.8	1.825	2.817	4.8	20.4
5 21	14 27.40	− 7 34.4	1.859	2.814	8.4	20.6
5 31	14 20.75	− 7 33.3	1.917	2.810	11.9	20.8
6 10	14 16.17	− 7 44.6	1.997	2.806	14.9	21.0

356377 2010 NZ_{81} 5 3.3 298°.92 4°.1/ 6.6 17

4 1	15 4.39	−29 9.0	2.098	2.921	13.2	20.4
4 11	14 59.54	−29 8.4	1.998	2.900	10.4	20.2
4 21	14 52.64	−28 51.1	1.921	2.880	7.4	19.9
5 1	14 44.38	−28 16.7	1.870	2.859	4.7	19.7
5 11	14 35.73	−27 27.1	1.845	2.839	4.5	19.7
5 21	14 27.68	−26 26.7	1.847	2.819	7.1	19.8
5 31	14 21.16	−25 21.7	1.875	2.799	10.5	20.0
6 10	14 16.82	−24 18.9	1.926	2.779	13.7	20.1

224441 2005 UO_{484} 5 3.3 234°.87 4°.8/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.26	− 3 14.3	2.002	2.867	12.0	21.1
4 11	15 2.07	− 2 40.5	1.923	2.856	8.9	20.9
4 21	14 53.95	− 2 9.4	1.870	2.845	6.1	20.7
5 1	14 44.62	− 1 45.6	1.843	2.833	4.8	20.6
5 11	14 35.02	− 1 33.2	1.845	2.820	6.6	20.7
5 21	14 26.08	− 1 35.1	1.873	2.807	9.7	20.8
5 31	14 18.64	− 1 52.5	1.925	2.794	13.0	21.0
6 10	14 13.27	− 2 25.1	1.998	2.780	15.8	21.2

155587 2000 AN_{205} 5 3.3 345°.65 3°.0/ 1.8 18

4 1	15 6.69	−11 22.2	1.145	2.038	16.9	19.2
4 11	15 1.95	−10 48.5	1.083	2.034	12.3	19.0
4 21	14 54.26	−10 8.9	1.042	2.031	7.1	18.6
5 1	14 44.70	− 9 28.9	1.023	2.028	3.1	18.4
5 11	14 34.79	− 8 55.9	1.028	2.025	6.3	18.6
5 21	14 26.05	− 8 35.9	1.055	2.023	11.6	18.9
5 31	14 19.74	− 8 33.2	1.104	2.022	16.5	19.1
6 10	14 16.58	− 8 49.4	1.169	2.021	20.7	19.4

125394 2001 VN_{96} 5 3.3 231°.49 6°.5/27.7 18

4 1	15 5.26	+ 0 16.1	2.023	2.891	11.7	20.5
4 11	14 59.84	+ 1 32.9	1.952	2.881	9.1	20.3
4 21	14 52.64	+ 2 45.9	1.907	2.871	7.0	20.1
5 1	14 44.37	+ 3 48.4	1.888	2.860	6.6	20.1
5 11	14 35.88	+ 4 34.5	1.897	2.848	8.3	20.1
5 21	14 28.06	+ 5 0.6	1.931	2.837	11.1	20.3
5 31	14 21.65	+ 5 5.2	1.987	2.824	13.9	20.4
6 10	14 17.19	+ 4 49.2	2.062	2.812	16.4	20.6

28932 2000 RY_{102} 5 3.3 78°.04 3°.9/ 6.9 18

4 1	15 4.70	−30 6.6	2.254	3.069	12.6	18.0
4 11	14 59.39	−29 55.8	2.183	3.079	9.9	17.9
4 21	14 52.34	−29 28.7	2.134	3.089	7.0	17.7
5 1	14 44.29	−28 45.6	2.112	3.099	4.5	17.6
5 11	14 36.16	−27 49.7	2.117	3.110	4.2	17.6
5 21	14 28.81	−26 45.7	2.150	3.120	6.4	17.7
5 31	14 22.96	−25 39.4	2.209	3.130	9.3	17.9
6 10	14 19.09	−24 36.5	2.292	3.140	11.9	18.1

84359 2002 TQ_{83} 5 3.3 214°.56 2°.8/ 1.3 18

4 1	15 7.74	− 9 42.9	1.970	2.837	12.1	20.2
4 11	15 1.71	− 9 3.8	1.892	2.830	8.8	19.9
4 21	14 53.74	− 8 21.6	1.839	2.823	5.2	19.7
5 1	14 44.58	− 7 40.1	1.813	2.814	2.8	19.5
5 11	14 35.17	− 7 4.3	1.815	2.806	5.0	19.7
5 21	14 26.47	− 6 38.0	1.845	2.796	8.7	19.9
5 31	14 19.30	− 6 24.5	1.899	2.787	12.2	20.1
6 10	14 14.24	− 6 25.2	1.975	2.776	15.3	20.2

99940 2003 UM_{265} 5 3.3 6°.23 2°.8/ 1.5 18

4 1	15 4.30	−13 1.5	1.335	2.222	15.4	18.7
4 11	14 59.82	−11 57.6	1.273	2.222	11.0	18.4
4 21	14 52.86	−10 44.6	1.234	2.222	6.3	18.2
5 1	14 44.42	− 9 29.4	1.219	2.223	2.8	18.0
5 11	14 35.79	− 8 20.4	1.228	2.224	5.9	18.1
5 21	14 28.22	− 7 25.1	1.263	2.226	10.6	18.4
5 31	14 22.72	− 6 48.8	1.318	2.228	15.0	18.7
6 10	14 19.89	− 6 33.6	1.393	2.230	18.7	18.9

504998 2011 KU_{2} 5 3.3 345°.05 6°.2/30.2 17

4 1	15 3.84	− 2 56.4	1.320	2.212	15.2	20.4
4 11	14 59.60	− 2 27.2	1.253	2.199	11.4	20.1
4 21	14 52.83	− 2 3.1	1.208	2.188	7.8	19.9
5 1	14 44.44	− 1 50.5	1.186	2.178	6.2	19.7
5 11	14 35.68	− 1 55.1	1.187	2.169	8.4	19.8
5 21	14 27.84	− 2 19.6	1.211	2.162	12.3	20.0
5 31	14 22.01	− 3 4.5	1.257	2.156	16.4	20.2
6 10	14 18.90	− 4 7.9	1.319	2.151	19.9	20.5

348612 2005 YP 5 3.3 23°.50 15°.9/13.4 18

4 1	15 3.60	−42 3.3	0.642	1.501	30.1	18.9
4 11	15 2.00	−43 20.1	0.602	1.506	26.3	18.7
4 21	14 55.21	−43 42.6	0.573	1.513	22.0	18.5
5 1	14 44.94	−42 59.5	0.556	1.521	18.1	18.3
5 11	14 34.24	−41 11.7	0.554	1.531	16.0	18.2
5 21	14 26.06	−38 34.6	0.567	1.542	16.8	18.3
5 31	14 22.38	−35 34.4	0.596	1.554	19.9	18.5
6 10	14 23.78	−32 37.9	0.639	1.567	23.8	18.8

377742 2005 XG_{61} 5 3.3 304°.08 0°.1/ 3.2 17

4 1	15 5.76	−16 39.2	1.557	2.429	14.4	21.0
4 11	15 0.92	−16 25.4	1.471	2.411	10.6	20.7
4 21	14 53.61	−16 1.7	1.406	2.392	6.1	20.4
5 1	14 44.61	−15 30.6	1.367	2.374	1.1	20.0
5 11	14 35.10	−14 56.4	1.353	2.355	4.0	20.2
5 21	14 26.33	−14 24.4	1.365	2.337	9.0	20.4
5 31	14 19.41	−14 0.0	1.400	2.320	13.6	20.6
6 10	14 15.12	−13 47.6	1.455	2.303	17.5	20.8

107183 2001 BE_{26} 5 3.3 170°.00 1°.5/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.48	−13 55.0	1.886	2.748	12.7	20.8
4 11	15 2.24	−13 16.6	1.816	2.752	9.1	20.6
4 21	14 54.03	−12 31.4	1.771	2.756	5.2	20.4
5 1	14 44.65	−11 43.2	1.753	2.759	1.6	20.1
5 11	14 35.12	−10 56.9	1.763	2.761	4.1	20.3
5 21	14 26.43	−10 17.2	1.801	2.762	8.2	20.6
5 31	14 19.41	− 9 48.2	1.864	2.763	11.9	20.8
6 10	14 14.59	− 9 32.4	1.948	2.763	15.0	21.0

488917 2005 UM_{1} 5 3.3 273°.23 1°.6/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.91	−13 13.4	1.852	2.718	12.8	22.4
4 11	15 2.21	−12 45.7	1.753	2.691	9.3	22.1
4 21	14 54.25	−12 11.3	1.678	2.664	5.3	21.8
5 1	14 44.73	−11 33.2	1.630	2.636	1.7	21.5
5 11	14 34.68	−10 55.9	1.609	2.607	4.4	21.6
5 21	14 25.18	−10 24.2	1.616	2.578	8.8	21.8
5 31	14 17.25	−10 2.6	1.647	2.548	13.0	22.0
6 10	14 11.63	− 9 54.3	1.699	2.518	16.7	22.1

190690 2001 DO_{105} 5 3.3 157°.43 2°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.29	−10 29.1	2.259	3.124	10.8	20.6
4 11	14 59.64	− 9 44.0	2.192	3.130	7.8	20.4
4 21	14 52.43	− 8 55.7	2.151	3.135	4.5	20.2
5 1	14 44.34	− 8 8.1	2.138	3.140	2.4	20.1
5 11	14 36.16	− 7 25.5	2.154	3.145	4.3	20.2
5 21	14 28.65	− 6 51.4	2.198	3.149	7.6	20.4
5 31	14 22.48	− 6 28.8	2.267	3.153	10.6	20.6
6 10	14 18.09	− 6 18.9	2.359	3.156	13.2	20.8

35063 1988 FD 5 3.3 98°.83 9°.3/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.62	−35 14.1	1.596	2.383	18.2	17.2
4 11	15 13.57	−37 0.9	1.537	2.402	15.1	17.1
4 21	15 0.98	−38 25.4	1.499	2.420	12.1	16.9
5 1	14 46.03	−39 19.9	1.485	2.438	9.8	16.8
5 11	14 30.52	−39 41.7	1.497	2.456	9.5	16.9
5 21	14 16.35	−39 34.0	1.534	2.473	11.1	17.0
5 31	14 5.06	−39 5.3	1.595	2.490	13.8	17.2
6 10	13 57.50	−38 26.6	1.677	2.506	16.4	17.4

34862 2001 TX_{79} 5 3.3 273°.68 2°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.21	−11 13.3	2.197	3.066	10.9	19.1
4 11	14 58.34	−10 29.5	2.112	3.052	7.9	18.9
4 21	14 51.81	− 9 41.2	2.053	3.038	4.6	18.7
5 1	14 44.24	− 8 52.1	2.020	3.023	2.2	18.5
5 11	14 36.44	− 8 6.8	2.016	3.009	4.4	18.6
5 21	14 29.19	− 7 29.4	2.040	2.994	7.8	18.8
5 31	14 23.22	− 7 3.3	2.088	2.979	11.1	19.0
6 10	14 19.06	− 6 50.4	2.158	2.965	14.0	19.1

445287 2009 WC_{169} 5 3.3 108°.92 1°.1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.34	−12 21.3	3.487	4.344	7.6	22.1
4 11	14 55.64	−11 52.6	3.426	4.360	5.4	22.0
4 21	14 50.01	−11 21.5	3.392	4.376	3.0	21.9
5 1	14 43.88	−10 50.0	3.387	4.392	1.1	21.7
5 11	14 37.72	−10 20.4	3.413	4.408	2.6	21.9
5 21	14 31.99	− 9 54.8	3.467	4.423	4.9	22.0
5 31	14 27.09	− 9 35.0	3.549	4.438	7.0	22.2
6 10	14 23.33	− 9 22.4	3.655	4.453	8.9	22.4

79082 5047 T-3 5 3.3 188°.43 3°.7/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.75	− 7 40.4	1.917	2.786	12.3	20.7
4 11	15 1.68	− 6 47.9	1.847	2.785	8.9	20.5
4 21	14 53.72	− 5 53.7	1.803	2.784	5.5	20.3
5 1	14 44.61	− 5 2.8	1.785	2.782	3.7	20.1
5 11	14 35.34	− 4 20.5	1.796	2.780	5.8	20.3
5 21	14 26.85	− 3 51.0	1.834	2.777	9.3	20.5
5 31	14 19.94	− 3 37.0	1.895	2.773	12.7	20.7
6 10	14 15.15	− 3 39.2	1.978	2.769	15.6	20.8

309624 2008 CN_{79} 5 3.3 289°.88 2°.8/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.52	− 8 51.4	2.183	3.053	10.9	20.5
4 11	14 58.58	− 8 18.9	2.099	3.039	7.9	20.3
4 21	14 51.96	− 7 44.4	2.040	3.024	4.8	20.1
5 1	14 44.29	− 7 11.5	2.009	3.009	2.8	19.9
5 11	14 36.36	− 6 44.2	2.005	2.995	4.7	20.0
5 21	14 28.99	− 6 25.8	2.029	2.980	8.0	20.2
5 31	14 22.89	− 6 18.9	2.077	2.966	11.3	20.3
6 10	14 18.61	− 6 24.8	2.147	2.952	14.1	20.5

294345 2007 VT_{90} 5 3.3 101°.69 2°.9/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.20	− 9 38.9	1.626	2.497	14.0	20.9
4 11	15 3.53	− 9 8.3	1.576	2.516	10.0	20.7
4 21	14 54.74	− 8 35.5	1.549	2.534	5.8	20.5
5 1	14 44.79	− 8 5.1	1.549	2.552	3.0	20.4
5 11	14 34.86	− 7 41.5	1.576	2.569	5.3	20.6
5 21	14 26.02	− 7 28.6	1.630	2.586	9.3	20.8
5 31	14 19.12	− 7 28.6	1.707	2.602	13.0	21.1
6 10	14 14.66	− 7 42.2	1.804	2.618	16.1	21.3

12340 Stalle 5 3.3 207°.07 3°.4/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.71	− 8 1.9	1.824	2.693	12.8	18.0
4 11	15 2.52	− 7 27.3	1.751	2.689	9.3	17.8
4 21	14 54.27	− 6 51.2	1.702	2.684	5.7	17.6
5 1	14 44.73	− 6 18.0	1.680	2.679	3.4	17.4
5 11	14 34.96	− 5 52.5	1.685	2.673	5.6	17.5
5 21	14 25.97	− 5 38.4	1.718	2.667	9.4	17.7
5 31	14 18.65	− 5 38.2	1.774	2.661	13.0	17.9
6 10	14 13.58	− 5 52.6	1.851	2.654	16.1	18.1

34746 2001 QE_{91} 5 3.3 286°.63 5°.6/24.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.56	+13 58.0	4.299	5.119	7.0	17.0
4 11	14 54.27	+14 29.4	4.245	5.116	6.1	17.0
4 21	14 49.22	+14 52.3	4.217	5.113	5.6	16.9
5 1	14 43.74	+15 4.5	4.215	5.110	5.7	16.9
5 11	14 38.23	+15 4.3	4.239	5.107	6.3	17.0
5 21	14 33.03	+14 51.3	4.288	5.105	7.3	17.0
5 31	14 28.48	+14 25.6	4.360	5.102	8.4	17.1
6 10	14 24.85	+13 48.2	4.452	5.099	9.4	17.2

150833 2001 SE_{32} 5 3.3 96°.66 0°.4/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.29	−17 54.7	1.808	2.664	13.5	20.3
4 11	15 2.82	−17 45.4	1.751	2.683	9.8	20.1
4 21	14 54.34	−17 27.1	1.718	2.701	5.6	19.9
5 1	14 44.73	−17 1.9	1.712	2.719	1.2	19.6
5 11	14 35.08	−16 33.4	1.734	2.736	3.3	19.8
5 21	14 26.42	−16 5.9	1.783	2.754	7.5	20.1
5 31	14 19.57	−15 43.8	1.858	2.771	11.2	20.4
6 10	14 15.04	−15 30.2	1.954	2.787	14.3	20.6

110570 2001 TV_{114} 5 3.3 149°.79 1°.9/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.10	−22 15.5	1.903	2.749	13.4	19.6
4 11	15 2.09	−22 11.2	1.831	2.754	10.0	19.4
4 21	14 54.02	−21 54.5	1.782	2.758	6.2	19.1
5 1	14 44.69	−21 26.5	1.759	2.762	2.5	18.9
5 11	14 35.16	−20 50.3	1.764	2.765	3.4	19.0
5 21	14 26.47	−20 10.6	1.796	2.769	7.2	19.2
5 31	14 19.51	−19 32.6	1.854	2.772	10.9	19.4
6 10	14 14.83	−19 1.1	1.933	2.775	14.1	19.6

509918 2009 HG_{8} 5 3.3 283°.56 2°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.03	− 8 1.0	2.310	3.172	10.7	20.7
4 11	15 1.12	− 7 55.8	2.214	3.149	7.8	20.5
4 21	14 53.45	− 7 50.7	2.144	3.126	4.7	20.2
5 1	14 44.60	− 7 48.0	2.101	3.103	2.5	20.0
5 11	14 35.38	− 7 50.5	2.088	3.080	4.4	20.1
5 21	14 26.62	− 8 0.2	2.103	3.056	7.7	20.3
5 31	14 19.11	− 8 18.9	2.144	3.032	11.0	20.5
6 10	14 13.42	− 8 47.4	2.207	3.009	13.9	20.6

376803 2000 SO_{357} 5 3.3 210°.91 2°.3/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.57	− 8 56.0	2.412	3.269	10.5	21.8
4 11	15 2.05	− 8 40.1	2.328	3.261	7.6	21.5
4 21	14 53.87	− 8 23.0	2.271	3.253	4.5	21.3
5 1	14 44.67	− 8 7.4	2.242	3.244	2.3	21.2
5 11	14 35.24	− 7 56.1	2.243	3.234	4.2	21.3
5 21	14 26.37	− 7 51.5	2.273	3.224	7.4	21.5
5 31	14 18.78	− 7 55.6	2.330	3.213	10.4	21.6
6 10	14 12.98	− 8 9.6	2.409	3.201	13.1	21.8

138011 2000 CO_{100} 5 3.3 152°.49 0°.7/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.14	−19 10.2	1.747	2.604	13.8	20.5
4 11	15 2.22	−18 53.0	1.676	2.608	10.1	20.3
4 21	14 54.13	−18 24.7	1.629	2.612	5.9	20.0
5 1	14 44.72	−17 47.5	1.609	2.615	1.5	19.7
5 11	14 35.13	−17 5.5	1.615	2.618	3.4	19.9
5 21	14 26.43	−16 24.0	1.649	2.621	7.8	20.1
5 31	14 19.55	−15 48.2	1.707	2.623	11.8	20.4
6 10	14 15.07	−15 22.4	1.787	2.625	15.2	20.6

371691 2007 DD_{59} 5 3.3 46°.19 2°.3/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.03	−22 36.0	1.538	2.395	15.4	20.7
4 11	15 1.66	−22 34.0	1.475	2.404	11.5	20.5
4 21	14 53.89	−22 17.1	1.434	2.412	7.1	20.2
5 1	14 44.68	−21 46.6	1.418	2.421	3.0	20.0
5 11	14 35.31	−21 6.6	1.428	2.430	3.8	20.1
5 21	14 26.98	−20 22.8	1.464	2.440	8.1	20.3
5 31	14 20.70	−19 41.7	1.523	2.450	12.2	20.6
6 10	14 17.05	−19 8.8	1.603	2.460	15.8	20.8

478116 2011 UM_{88} 5 3.3 233°.46 0°.0/ 3.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.74	−17 22.2	2.741	3.590	9.6	22.8
4 11	14 58.48	−17 1.1	2.650	3.579	7.0	22.6
4 21	14 51.82	−16 33.3	2.585	3.567	4.0	22.4
5 1	14 44.28	−16 0.6	2.548	3.555	0.8	22.1
5 11	14 36.55	−15 25.7	2.541	3.542	2.5	22.2
5 21	14 29.29	−14 51.8	2.563	3.530	5.7	22.4
5 31	14 23.10	−14 22.0	2.612	3.516	8.7	22.6
6 10	14 18.45	−13 59.2	2.685	3.503	11.2	22.8

139735 2001 QK_{259} 5 3.3 348.°29 4.°4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.14	−29 50.0	2.034	2.855	13.6	18.6
4 11	15 0.02	−29 51.2	1.954	2.853	10.7	18.4
4 21	14 52.89	−29 35.1	1.896	2.852	7.6	18.2
5 1	14 44.51	−29 1.5	1.864	2.851	5.0	18.0
5 11	14 35.90	−28 12.9	1.858	2.851	4.7	18.0
5 21	14 28.06	−27 14.0	1.879	2.850	7.1	18.2
5 31	14 21.86	−26 11.2	1.926	2.849	10.3	18.4
6 10	14 17.88	−25 10.9	1.995	2.849	13.2	18.5

447030 2004 PM_{60} 5 3.3 281.°10 11.°5/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.67	−52 19.0	2.626	3.272	14.9	20.5
4 11	15 10.11	−53 51.8	2.523	3.250	13.8	20.4
4 21	14 59.26	−55 4.1	2.438	3.228	12.7	20.2
5 1	14 45.84	−55 49.2	2.375	3.206	11.9	20.1
5 11	14 31.22	−56 3.1	2.334	3.183	11.5	20.1
5 21	14 17.07	−55 45.9	2.315	3.161	11.8	20.0
5 31	14 5.01	−55 1.8	2.319	3.138	12.7	20.1
6 10	13 56.19	−53 58.9	2.343	3.115	14.0	20.1

144052 2004 BO_{30} 5 3.3 242.°02 0.°8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.85	−19 27.7	1.935	2.786	13.0	20.6
4 11	15 2.80	−19 14.0	1.843	2.771	9.6	20.4
4 21	14 54.55	−18 49.4	1.774	2.755	5.7	20.1
5 1	14 44.85	−18 15.4	1.732	2.738	1.5	19.8
5 11	14 34.74	−17 35.4	1.718	2.721	3.3	19.9
5 21	14 25.29	−16 54.0	1.732	2.703	7.6	20.1
5 31	14 17.46	−16 16.5	1.772	2.684	11.6	20.3
6 10	14 11.92	−15 47.7	1.833	2.665	15.1	20.5

315186 Schade 5 3.3 265.°03 4.°3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.88	−27 2.5	1.743	2.572	15.1	21.2
4 11	15 5.58	−27 17.9	1.637	2.545	11.9	20.9
4 21	14 56.45	−27 16.7	1.554	2.518	8.2	20.6
5 1	14 45.26	−26 56.6	1.495	2.489	4.9	20.4
5 11	14 33.28	−26 18.6	1.464	2.460	5.0	20.3
5 21	14 21.89	−25 27.1	1.459	2.430	8.7	20.4
5 31	14 12.42	−24 29.5	1.479	2.399	13.0	20.6
6 10	14 5.80	−23 34.2	1.520	2.367	17.0	20.8

12641 Hubertushenrichs 5 3.3 196.°19 0.°0/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.01	−17 12.1	1.982	2.836	12.6	19.8
4 11	15 2.69	−16 51.4	1.903	2.834	9.2	19.6
4 21	14 54.37	−16 21.9	1.848	2.831	5.2	19.3
5 1	14 44.80	−15 45.8	1.820	2.827	1.0	19.0
5 11	14 34.99	−15 7.1	1.821	2.822	3.3	19.2
5 21	14 25.93	−14 30.1	1.850	2.817	7.5	19.4
5 31	14 18.48	−13 59.3	1.904	2.811	11.2	19.6
6 10	14 13.23	−13 38.4	1.981	2.805	14.5	19.8

273557 2007 BL_{70} 5 3.3 23.°06 3.°1/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.79	−21 47.3	1.501	2.358	15.7	19.9
4 11	15 3.86	−22 29.8	1.435	2.363	11.9	19.7
4 21	14 55.27	−23 0.5	1.392	2.368	7.6	19.4
5 1	14 45.00	−23 18.1	1.373	2.374	3.7	19.2
5 11	14 34.38	−23 23.9	1.379	2.380	4.4	19.3
5 21	14 24.78	−23 21.1	1.412	2.387	8.5	19.5
5 31	14 17.35	−23 14.9	1.468	2.394	12.6	19.8
6 10	14 12.78	−23 10.8	1.544	2.402	16.2	20.0

389277 2009 HH_{29} 5 3.3 154.°17 10.°1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.80	− 0 51.3	1.297	2.179	16.0	20.7
4 11	15 3.66	+ 2 29.6	1.253	2.187	12.5	20.5
4 21	14 54.99	+ 5 47.1	1.234	2.195	10.3	20.4
5 1	14 44.91	+ 8 43.8	1.242	2.201	10.7	20.5
5 11	14 34.81	+11 5.0	1.276	2.207	13.4	20.6
5 21	14 25.96	+12 43.3	1.332	2.212	16.8	20.8
5 31	14 19.36	+13 37.7	1.407	2.216	20.0	21.1
6 10	14 15.56	+13 53.3	1.497	2.219	22.6	21.3

206951 2004 RT_{307} 5 3.3 292.°11 0.°4/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.12	−18 40.5	1.330	2.204	16.2	20.3
4 11	15 2.38	−18 19.4	1.242	2.183	12.1	20.0
4 21	14 54.69	−17 43.6	1.176	2.161	7.1	19.6
5 1	14 44.93	−16 55.3	1.133	2.140	1.6	19.2
5 11	14 34.49	−16 0.1	1.115	2.118	4.4	19.4
5 21	14 24.87	−15 5.3	1.122	2.097	10.1	19.6
5 31	14 17.44	−14 19.1	1.150	2.076	15.4	19.8
6 10	14 13.11	−13 47.7	1.197	2.055	19.9	20.1

304752 2006 YK_{38} 5 3.3 180.°80 4.°0/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.23	− 3 19.9	2.542	3.407	9.7	21.3
4 11	14 58.07	− 2 42.4	2.475	3.408	7.2	21.2
4 21	14 51.55	− 2 7.3	2.434	3.408	4.9	21.0
5 1	14 44.26	− 1 38.1	2.420	3.408	4.0	20.9
5 11	14 36.86	− 1 18.2	2.435	3.408	5.5	21.0
5 21	14 30.00	− 1 9.8	2.478	3.407	7.9	21.2
5 31	14 24.27	− 1 14.1	2.545	3.407	10.4	21.4
6 10	14 20.09	− 1 31.1	2.634	3.406	12.6	21.5

186127 2001 TM_{152} 5 3.3 268.°30 1.°7/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.01	−11 25.7	1.809	2.674	13.1	20.5
4 11	15 3.75	−11 25.0	1.718	2.655	9.5	20.2
4 21	14 55.16	−11 21.5	1.652	2.637	5.5	19.9
5 1	14 45.00	−11 17.4	1.612	2.618	1.8	19.6
5 11	14 34.33	−11 15.7	1.600	2.598	4.4	19.8
5 21	14 24.30	−11 19.5	1.616	2.579	8.8	20.0
5 31	14 15.93	−11 31.5	1.656	2.559	12.9	20.2
6 10	14 9.96	−11 53.6	1.717	2.539	16.4	20.4

497509 2006 BB_{66} 5 3.3 97.°98 3.°3/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.58	− 8 17.1	1.875	2.746	12.4	21.7
4 11	15 0.78	− 7 37.6	1.820	2.759	8.9	21.5
4 21	14 53.17	− 6 57.1	1.789	2.772	5.4	21.3
5 1	14 44.57	− 6 20.0	1.785	2.784	3.3	21.2
5 11	14 35.92	− 5 50.9	1.809	2.797	5.3	21.4
5 21	14 28.13	− 5 33.1	1.859	2.809	8.8	21.6
5 31	14 21.95	− 5 28.8	1.934	2.821	12.1	21.8
6 10	14 17.84	− 5 38.5	2.029	2.833	14.9	22.0

467977 2012 LM_{17} 5 3.3 23.°78 1.°0/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.27	−19 40.0	1.204	2.089	16.8	19.9
4 11	14 57.75	−18 0.0	1.151	2.099	12.1	19.6
4 21	14 51.72	−16 0.8	1.120	2.109	6.7	19.4
5 1	14 44.30	−13 51.4	1.114	2.121	1.4	19.1
5 11	14 36.86	−11 44.4	1.132	2.133	5.0	19.3
5 21	14 30.65	− 9 51.6	1.175	2.147	10.2	19.7
5 31	14 26.61	− 8 21.8	1.240	2.161	14.9	20.0
6 10	14 25.23	− 7 19.0	1.323	2.176	18.7	20.3

230896 2004 TN_{18} 5 3.3 243.°73 6.°1/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.80	+ 1 15.9	2.193	3.054	11.3	20.1
4 11	15 0.93	+ 2 5.8	2.114	3.038	8.8	19.9
4 21	14 53.32	+ 2 50.4	2.061	3.022	6.7	19.8
5 1	14 44.63	+ 3 24.6	2.034	3.006	6.2	19.7
5 11	14 35.68	+ 3 43.8	2.035	2.989	7.7	19.8
5 21	14 27.32	+ 3 45.6	2.062	2.972	10.3	19.9
5 31	14 20.28	+ 3 28.9	2.113	2.954	13.0	20.0
6 10	14 15.11	+ 2 54.7	2.184	2.935	15.5	20.2

214860 2006 YG_{12} 5 3.3 272.°70 4.°2/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.28	− 3 41.6	2.288	3.155	10.6	20.3
4 11	14 59.02	− 3 9.2	2.212	3.147	7.9	20.1
4 21	14 52.20	− 2 39.0	2.162	3.138	5.3	19.9
5 1	14 44.41	− 2 15.0	2.139	3.129	4.2	19.8
5 11	14 36.44	− 2 0.6	2.144	3.120	5.8	19.9
5 21	14 29.03	− 1 58.4	2.176	3.110	8.6	20.0
5 31	14 22.86	− 2 9.6	2.232	3.101	11.4	20.2
6 10	14 18.42	− 2 34.3	2.310	3.092	13.9	20.4

387175 2012 TV_{259} 5 3.3 256.°86 1.°2/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.85	−19 49.4	2.038	2.889	12.4	21.5
4 11	15 1.22	−19 49.4	1.952	2.880	9.2	21.3
4 21	14 53.60	−19 39.8	1.891	2.870	5.5	21.0
5 1	14 44.70	−19 21.7	1.856	2.861	1.8	20.7
5 11	14 35.49	−18 57.8	1.849	2.852	3.1	20.8
5 21	14 26.92	−18 31.6	1.870	2.842	7.0	21.0
5 31	14 19.87	−18 7.5	1.916	2.832	10.7	21.2
6 10	14 14.94	−17 49.6	1.985	2.822	13.9	21.4

381739 2009 SG_{1} 5 3.3 302.°78 5.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.51	+13 14.4	4.122	4.948	7.1	20.4
4 11	14 53.61	+13 58.2	4.068	4.943	6.2	20.3
4 21	14 48.91	+14 33.8	4.038	4.938	5.8	20.3
5 1	14 43.77	+14 58.4	4.035	4.932	5.9	20.3
5 11	14 38.57	+15 10.2	4.058	4.927	6.6	20.3
5 21	14 33.68	+15 8.4	4.105	4.922	7.6	20.4
5 31	14 29.45	+14 53.0	4.175	4.917	8.8	20.5
6 10	14 26.14	+14 24.9	4.265	4.912	9.8	20.5

297087 2010 KG_{63} 5 3.3 261.°07 6.°4/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.30	+ 4 0.1	2.567	3.426	9.9	21.2
4 11	14 57.49	+ 5 11.7	2.492	3.409	8.0	21.0
4 21	14 51.30	+ 6 17.7	2.443	3.392	6.6	20.9
5 1	14 44.25	+ 7 12.9	2.421	3.374	6.5	20.9
5 11	14 37.02	+ 7 52.8	2.426	3.356	7.9	20.9
5 21	14 30.25	+ 8 14.8	2.456	3.338	10.0	21.0
5 31	14 24.55	+ 8 17.6	2.510	3.319	12.1	21.1
6 10	14 20.37	+ 8 2.1	2.583	3.301	14.1	21.3

123700 2000 YF_{107} 5 3.3 231.°11 4.°9/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.07	+ 1 50.5	2.890	3.744	9.0	20.1
4 11	14 58.59	+ 2 28.6	2.812	3.732	7.0	19.9
4 21	14 51.86	+ 3 1.9	2.761	3.720	5.4	19.8
5 1	14 44.36	+ 3 26.7	2.739	3.707	5.0	19.8
5 11	14 36.71	+ 3 40.0	2.744	3.694	6.2	19.8
5 21	14 29.51	+ 3 40.1	2.777	3.680	8.2	19.9
5 31	14 23.28	+ 3 26.3	2.835	3.666	10.3	20.0
6 10	14 18.46	+ 2 59.1	2.915	3.652	12.3	20.2

54646 2000 SS_{291} 5 3.3 283°.47 0°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.26	−19 36.1	4.346	5.186	6.5	19.8
4 11	14 53.46	−19 20.1	4.255	5.178	4.8	19.6
4 21	14 48.85	−18 59.2	4.191	5.170	2.8	19.5
5 1	14 43.78	−18 34.6	4.156	5.162	0.8	19.3
5 11	14 38.61	−18 7.7	4.151	5.154	1.6	19.4
5 21	14 33.72	−17 40.5	4.176	5.145	3.6	19.5
5 31	14 29.46	−17 14.7	4.229	5.137	5.5	19.6
6 10	14 26.09	−16 52.2	4.307	5.129	7.3	19.8

297218 2011 KT_{16} 5 3.4 289°.80 1°.5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.51	−24 48.5	4.311	5.133	6.9	20.2
4 11	14 53.66	−24 33.4	4.219	5.126	5.2	20.1
4 21	14 48.97	−24 11.2	4.153	5.120	3.4	20.0
5 1	14 43.80	−23 43.0	4.116	5.113	1.8	19.8
5 11	14 38.55	−23 10.2	4.108	5.107	1.9	19.8
5 21	14 33.59	−22 34.8	4.130	5.101	3.6	20.0
5 31	14 29.29	−21 58.9	4.180	5.094	5.4	20.1
6 10	14 25.94	−21 25.0	4.256	5.088	7.2	20.2

500828 2013 GR_{136} 5 3.4 332°.86 0°.0/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 45.03	−15 14.4	39.890	40.741	0.7	24.0
4 11	14 44.33	−15 11.0	39.809	40.740	0.5	24.0
4 21	14 43.56	−15 7.4	39.755	40.739	0.3	23.9
5 1	14 42.76	−15 3.6	39.731	40.737	0.1	23.9
5 11	14 41.95	−14 59.9	39.735	40.736	0.2	23.9
5 21	14 41.17	−14 56.2	39.769	40.735	0.4	23.9
5 31	14 40.43	−14 52.8	39.831	40.734	0.7	24.0
6 10	14 39.77	−14 49.8	39.919	40.733	0.9	24.0

32717 5155 T-$_2$ 5 3.4 62°.02 3°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.42	−24 46.8	1.274	2.134	17.7	17.5
4 11	15 3.00	−24 28.2	1.219	2.148	13.4	17.3
4 21	14 54.78	−23 48.9	1.184	2.161	8.5	17.0
5 1	14 44.94	−22 50.9	1.173	2.175	3.8	16.8
5 11	14 35.03	−21 40.7	1.187	2.190	4.4	16.9
5 21	14 26.49	−20 26.9	1.225	2.204	9.0	17.2
5 31	14 20.40	−19 19.0	1.286	2.218	13.6	17.5
6 10	14 17.34	−18 23.9	1.367	2.233	17.5	17.7

498049 2007 RW_{42} 5 3.4 280°.53 1°.4/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.55	−21 4.4	1.510	2.370	15.5	22.0
4 11	15 3.29	−20 46.5	1.411	2.343	11.6	21.7
4 21	14 55.20	−20 12.7	1.335	2.316	7.1	21.4
5 1	14 45.10	−19 23.8	1.283	2.288	2.3	21.0
5 11	14 34.25	−18 24.3	1.257	2.260	4.0	21.0
5 21	14 24.08	−17 20.8	1.256	2.231	9.3	21.3
5 31	14 15.91	−16 21.8	1.279	2.202	14.4	21.5
6 10	14 10.65	−15 34.5	1.322	2.173	18.8	21.7

491667 2012 TM_{306} 5 3.4 214°.21 1°.5/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.05	−21 44.7	2.257	3.099	11.7	21.8
4 11	15 0.45	−21 33.5	2.172	3.094	8.7	21.6
4 21	14 53.09	−21 11.6	2.113	3.089	5.3	21.4
5 1	14 44.62	−20 40.1	2.080	3.084	2.0	21.2
5 11	14 35.94	−20 2.1	2.076	3.078	2.9	21.2
5 21	14 27.88	−19 21.4	2.100	3.072	6.4	21.4
5 31	14 21.22	−18 42.5	2.151	3.066	9.8	21.6
6 10	14 16.49	−18 9.7	2.224	3.059	12.7	21.8

513068 2017 WO_{19} 5 3.4 191°.49 4°.1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.98	− 3 57.5	2.189	3.056	11.0	21.3
4 11	15 0.26	− 3 31.5	2.121	3.055	8.2	21.1
4 21	14 52.91	− 3 8.0	2.078	3.055	5.4	21.0
5 1	14 44.59	− 2 50.9	2.063	3.054	4.1	20.9
5 11	14 36.12	− 2 43.4	2.075	3.053	5.7	21.0
5 21	14 28.31	− 2 47.7	2.115	3.053	8.6	21.1
5 31	14 21.85	− 3 4.8	2.179	3.052	11.5	21.3
6 10	14 17.22	− 3 34.6	2.265	3.051	14.0	21.5

172413 2003 EH_2 5 3.4 30°.53 2°.3/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.73	−23 19.7	1.942	2.789	13.1	19.7
4 11	14 59.67	−23 18.2	1.873	2.795	9.8	19.5
4 21	14 52.69	−23 4.1	1.827	2.801	6.2	19.3
5 1	14 44.55	−22 38.3	1.807	2.808	2.9	19.1
5 11	14 36.25	−22 3.9	1.814	2.815	3.4	19.2
5 21	14 28.74	−21 25.4	1.848	2.822	6.9	19.4
5 31	14 22.84	−20 47.7	1.907	2.830	10.4	19.6
6 10	14 19.07	−20 15.5	1.988	2.838	13.4	19.8

507608 2013 CV_{78} 5 3.4 176°.07 4°.6/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.94	− 0 56.6	2.699	3.561	9.3	22.4
4 11	14 57.81	− 0 7.9	2.635	3.562	7.1	22.3
4 21	14 51.41	+ 0 37.4	2.597	3.564	5.2	22.2
5 1	14 44.30	+ 1 15.3	2.587	3.564	4.6	22.1
5 11	14 37.10	+ 1 42.5	2.605	3.565	5.9	22.2
5 21	14 30.43	+ 1 56.6	2.651	3.565	8.1	22.3
5 31	14 24.81	+ 1 56.8	2.721	3.565	10.4	22.5
6 10	14 20.64	+ 1 43.1	2.813	3.565	12.4	22.6

361585 2007 RT_{238} 5 3.4 263°.76 1°.2/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.03	−13 46.6	1.516	2.387	14.8	20.9
4 11	15 4.12	−13 35.8	1.433	2.373	10.8	20.6
4 21	14 55.54	−13 18.4	1.372	2.358	6.2	20.3
5 1	14 45.16	−12 57.0	1.336	2.342	1.5	20.0
5 11	14 34.24	−12 35.9	1.326	2.327	4.6	20.1
5 21	14 24.11	−12 19.8	1.343	2.311	9.6	20.4
5 31	14 15.99	−12 13.0	1.383	2.295	14.3	20.6
6 10	14 10.65	−12 18.9	1.442	2.279	18.2	20.8

496997 2002 TV_{330} 5 3.4 284°.21 1°.7/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.29	−19 41.3	1.566	2.426	15.0	21.7
4 11	15 3.62	−19 55.4	1.480	2.412	11.2	21.5
4 21	14 55.28	−19 58.9	1.416	2.397	6.8	21.2
5 1	14 45.12	−19 51.9	1.378	2.383	2.3	20.8
5 11	14 34.38	−19 36.7	1.366	2.368	3.9	20.9
5 21	14 24.41	−19 17.6	1.379	2.354	8.7	21.2
5 31	14 16.42	−18 59.9	1.417	2.340	13.2	21.4
6 10	14 11.23	−18 48.9	1.474	2.325	17.2	21.6

338322 2002 VC_{94} 5 3.4 135°.29 0°.6/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.85	−14 21.6	2.286	3.142	11.0	20.4
4 11	15 0.88	−14 18.1	2.215	3.148	7.9	20.2
4 21	14 53.26	−14 9.9	2.170	3.154	4.5	20.0
5 1	14 44.68	−13 58.9	2.152	3.159	0.9	19.7
5 11	14 35.95	−13 47.7	2.164	3.164	3.1	19.9
5 21	14 27.88	−13 38.9	2.204	3.169	6.6	20.1
5 31	14 21.16	−13 35.0	2.270	3.174	9.8	20.3
6 10	14 16.29	−13 38.3	2.359	3.178	12.6	20.5

250411 2003 UR_{256} 5 3.4 214°.07 0°.9/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.10	−20 15.2	1.943	2.791	13.0	21.7
4 11	15 2.91	−19 54.9	1.858	2.784	9.6	21.5
4 21	14 54.61	−19 23.0	1.796	2.776	5.7	21.2
5 1	14 44.96	−18 40.9	1.762	2.768	1.6	21.0
5 11	14 35.00	−17 52.7	1.756	2.758	3.2	21.0
5 21	14 25.78	−17 3.3	1.777	2.748	7.4	21.3
5 31	14 18.22	−16 18.2	1.825	2.737	11.4	21.5
6 10	14 12.94	−15 42.2	1.894	2.726	14.7	21.7

119427 2001 TZ_{116} 5 3.4 203°.26 0°.6/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.06	−18 49.8	2.212	3.059	11.7	20.2
4 11	15 1.92	−18 37.8	2.128	3.055	8.6	20.0
4 21	14 53.94	−18 17.0	2.069	3.050	5.0	19.7
5 1	14 44.82	−17 48.8	2.038	3.044	1.3	19.4
5 11	14 35.46	−17 16.4	2.036	3.038	2.9	19.6
5 21	14 26.75	−16 43.4	2.062	3.031	6.7	19.8
5 31	14 19.47	−16 14.1	2.115	3.024	10.2	20.0
6 10	14 14.19	−15 52.0	2.190	3.016	13.2	20.2

24982 1998 KB_{34} 5 3.4 326°.19 1°.8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.39	−12 53.9	1.959	2.832	11.9	18.2
4 11	14 57.96	−12 14.9	1.881	2.823	8.5	18.0
4 21	14 51.73	−11 30.2	1.827	2.814	4.9	17.8
5 1	14 44.40	−10 43.4	1.800	2.805	1.8	17.5
5 11	14 36.84	− 9 59.2	1.800	2.796	4.2	17.7
5 21	14 29.92	− 9 22.3	1.826	2.788	8.0	17.9
5 31	14 24.42	− 8 56.5	1.877	2.780	11.6	18.1
6 10	14 20.88	− 8 43.9	1.949	2.773	14.6	18.3

504128 2006 RE_{84} 5 3.4 132°.35 2°.1/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.00	−11 27.6	2.418	3.283	10.2	22.2
4 11	14 57.97	−10 33.3	2.353	3.290	7.3	22.0
4 21	14 51.55	− 9 35.2	2.313	3.297	4.2	21.8
5 1	14 44.34	− 8 37.1	2.302	3.304	2.1	21.7
5 11	14 37.07	− 7 43.5	2.320	3.311	4.0	21.8
5 21	14 30.42	− 6 58.0	2.366	3.317	7.1	22.0
5 31	14 24.97	− 6 23.9	2.437	3.323	9.9	22.2
6 10	14 21.13	− 6 2.5	2.531	3.329	12.4	22.4

263316 2008 CZ_{39} 5 3.4 10°.77 0°.6/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.70	−16 33.0	1.252	2.137	16.3	20.7
4 11	15 0.36	−16 6.0	1.192	2.139	11.9	20.5
4 21	14 53.36	−15 27.4	1.153	2.141	6.7	20.2
5 1	14 44.72	−14 41.4	1.137	2.144	1.3	19.8
5 11	14 35.86	−13 54.6	1.145	2.148	4.5	20.0
5 21	14 28.12	−13 13.7	1.178	2.153	9.8	20.4
5 31	14 22.60	−12 44.7	1.231	2.158	14.5	20.6
6 10	14 19.96	−12 31.4	1.304	2.164	18.5	20.9

87353 2000 QQ_{32} 5 3.4 216°.65 6°.8/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.98	+ 3 1.8	2.205	3.065	11.2	19.9
4 11	15 0.29	+ 4 9.2	2.137	3.057	8.9	19.8
4 21	14 52.95	+ 5 10.4	2.095	3.049	7.1	19.7
5 1	14 44.63	+ 5 59.4	2.079	3.040	6.9	19.6
5 11	14 36.13	+ 6 31.4	2.090	3.031	8.4	19.7
5 21	14 28.26	+ 6 43.7	2.127	3.021	10.8	19.8
5 31	14 21.71	+ 6 35.6	2.187	3.011	13.2	20.0
6 10	14 16.98	+ 6 8.5	2.266	2.999	15.5	20.1

341638 2007 VN_{28} 5 3.4 127°.80 0°.9/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.69	−19 31.8	2.500	3.342	10.7	21.7
4 11	15 0.64	−19 28.0	2.431	3.355	7.8	21.5
4 21	14 53.08	−19 16.3	2.388	3.367	4.6	21.3
5 1	14 44.64	−18 58.1	2.373	3.378	1.4	21.1
5 11	14 36.12	−18 35.8	2.388	3.390	2.6	21.2
5 21	14 28.24	−18 12.3	2.431	3.401	5.8	21.4
5 31	14 21.66	−17 50.9	2.502	3.411	8.8	21.7
6 10	14 16.82	−17 34.6	2.595	3.421	11.4	21.8

56069 1998 YL_{5} 5 3.4 59°.25 2°.8/ 2.1 18

4 1	15 11.12	−10 20.0	1.191	2.076	17.0	18.2
4 11	15 4.87	−10 7.9	1.145	2.091	12.2	17.9
4 21	14 55.82	− 9 53.3	1.119	2.107	7.0	17.7
5 1	14 45.18	− 9 40.3	1.118	2.123	2.9	17.5
5 11	14 34.51	− 9 33.9	1.141	2.139	5.8	17.7
5 21	14 25.25	− 9 37.6	1.189	2.155	10.7	18.0
5 31	14 18.50	− 9 54.1	1.257	2.172	15.2	18.3
6 10	14 14.81	−10 23.9	1.345	2.189	18.9	18.6

333921 1999 TR_{159} 5 3.4 213°.61 1°.7/ 1.8 18

4 1	15 4.91	−13 10.5	2.377	3.237	10.5	21.4
4 11	14 59.47	−12 17.6	2.294	3.230	7.6	21.2
4 21	14 52.48	−11 18.6	2.237	3.222	4.3	21.0
5 1	14 44.54	−10 17.3	2.209	3.213	1.7	20.8
5 11	14 36.43	− 9 18.2	2.210	3.204	3.8	20.9
5 21	14 28.90	− 8 25.7	2.239	3.195	7.2	21.1
5 31	14 22.61	− 7 43.6	2.295	3.184	10.3	21.3
6 10	14 18.04	− 7 14.3	2.373	3.174	13.1	21.4

409389 2005 EP_{45} 5 3.4 51°.06 1°.3/ 4.1 17

4 1	15 8.46	−19 56.5	1.268	2.140	17.0	20.7
4 11	15 2.97	−19 47.3	1.217	2.155	12.5	20.4
4 21	14 54.76	−19 23.8	1.187	2.170	7.4	20.2
5 1	14 44.99	−18 48.5	1.180	2.186	2.1	19.9
5 11	14 35.15	−18 6.9	1.199	2.202	4.0	20.1
5 21	14 26.63	−17 25.6	1.241	2.219	9.1	20.4
5 31	14 20.50	−16 51.4	1.307	2.235	13.7	20.7
6 10	14 17.33	−16 29.0	1.391	2.252	17.5	21.0

338732 2003 UO_{117} 5 3.4 264°.78 1°.6/ 4.5 17

4 1	15 6.49	−21 14.3	1.987	2.836	12.8	21.6
4 11	15 1.03	−21 12.5	1.903	2.829	9.5	21.4
4 21	14 53.55	−20 59.7	1.843	2.821	5.8	21.1
5 1	14 44.78	−20 36.9	1.810	2.814	2.2	20.9
5 11	14 35.70	−20 6.9	1.804	2.806	3.2	20.9
5 21	14 27.30	−19 33.6	1.825	2.798	7.1	21.2
5 31	14 20.47	−19 1.9	1.872	2.790	10.8	21.4
6 10	14 15.81	−18 36.4	1.941	2.783	14.0	21.6

420285 2011 QR_{47} 5 3.4 255°.63 1°.1/ 5.0 18

4 1	14 57.56	−22 36.3	4.554	5.383	6.5	21.2
4 11	14 53.67	−22 25.6	4.463	5.376	4.8	21.1
4 21	14 49.00	−22 9.4	4.398	5.370	3.0	21.0
5 1	14 43.87	−21 48.3	4.362	5.364	1.3	20.8
5 11	14 38.65	−21 23.7	4.357	5.357	1.6	20.8
5 21	14 33.70	−20 57.4	4.380	5.351	3.4	21.0
5 31	14 29.36	−20 31.1	4.432	5.344	5.2	21.1
6 10	14 25.91	−20 6.8	4.510	5.338	6.9	21.2

503346 2016 BM_{48} 5 3.4 30°.09 7°.5/29.5 17

4 1	15 5.59	− 2 34.7	1.110	2.007	17.0	20.5
4 11	15 0.92	− 1 30.7	1.070	2.017	12.7	20.3
4 21	14 53.59	− 0 33.0	1.050	2.029	8.9	20.1
5 1	14 44.77	+ 0 9.1	1.053	2.041	7.6	20.1
5 11	14 35.93	+ 0 28.7	1.078	2.055	9.9	20.3
5 21	14 28.43	+ 0 22.5	1.125	2.069	13.7	20.5
5 31	14 23.27	− 0 8.8	1.191	2.084	17.5	20.8
6 10	14 21.00	− 1 2.0	1.274	2.100	20.8	21.1

156196 2001 UZ_{11} 5 3.4 100°.52 0°.7/ 2.9 18

4 1	15 7.29	−16 8.8	1.857	2.719	12.9	20.4
4 11	15 1.37	−15 32.2	1.800	2.736	9.3	20.2
4 21	14 53.58	−14 47.5	1.767	2.752	5.2	20.0
5 1	14 44.76	−13 58.3	1.762	2.768	1.1	19.7
5 11	14 35.92	−13 9.4	1.784	2.784	3.6	19.9
5 21	14 28.00	−12 25.8	1.834	2.800	7.6	20.2
5 31	14 21.77	−11 51.7	1.908	2.815	11.2	20.4
6 10	14 17.70	−11 29.8	2.004	2.830	14.3	20.7

39910 1998 FJ_{37} 5 3.4 255°.30 7°.0/ 7.5 18

4 1	15 11.92	−33 57.7	2.000	2.793	14.8	18.0
4 11	15 5.43	−34 51.4	1.908	2.781	12.3	17.8
4 21	14 56.31	−35 27.6	1.837	2.768	9.6	17.6
5 1	14 45.37	−35 42.5	1.791	2.756	7.5	17.4
5 11	14 33.79	−35 35.2	1.771	2.743	7.1	17.4
5 21	14 22.88	−35 8.1	1.777	2.730	8.9	17.4
5 31	14 13.84	−34 27.0	1.808	2.716	11.7	17.6
6 10	14 7.49	−33 39.9	1.861	2.703	14.5	17.7

278237 2007 EY_{125} 5 3.4 337°.25 0°.4/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.98	−15 28.1	1.579	2.451	14.3	20.3
4 11	15 1.68	−15 20.6	1.507	2.447	10.4	20.1
4 21	14 54.03	−15 5.4	1.458	2.444	5.9	19.8
5 1	14 44.89	−14 45.1	1.434	2.441	1.1	19.5
5 11	14 35.44	−14 23.5	1.436	2.438	3.9	19.7
5 21	14 26.87	−14 5.1	1.464	2.436	8.6	20.0
5 31	14 20.17	−13 54.1	1.516	2.433	12.9	20.2
6 10	14 16.02	−13 53.7	1.587	2.431	16.5	20.4

464710 2002 QW_{100} 5 3.4 235°.78 1°.2/ 2.5 17

4 1	15 9.28	−13 36.8	2.004	2.863	12.2	21.9
4 11	15 3.02	−13 15.6	1.914	2.848	8.9	21.7
4 21	14 54.69	−12 48.5	1.849	2.833	5.1	21.4
5 1	14 45.02	−12 18.0	1.811	2.817	1.4	21.1
5 11	14 34.97	−11 48.1	1.802	2.800	3.9	21.3
5 21	14 25.55	−11 22.6	1.820	2.782	8.0	21.5
5 31	14 17.65	−11 5.5	1.865	2.764	11.8	21.7
6 10	14 11.91	−10 59.4	1.930	2.745	15.1	21.9

359005 2008 UE_{36} 5 3.4 83°.42 1°.5/ 4.1 18

4 1	15 12.24	−19 0.8	1.318	2.184	16.9	21.0
4 11	15 5.79	−19 15.5	1.259	2.194	12.4	20.7
4 21	14 56.45	−19 18.4	1.222	2.204	7.4	20.5
5 1	14 45.35	−19 10.2	1.209	2.215	2.3	20.2
5 11	14 34.04	−18 54.3	1.222	2.225	4.1	20.3
5 21	14 24.00	−18 35.7	1.259	2.235	9.2	20.7
5 31	14 16.42	−18 20.4	1.320	2.245	13.9	21.0
6 10	14 11.95	−18 13.1	1.400	2.255	17.7	21.2

320295 2007 RD_{242} 5 3.4 299°.54 1°.9/ 2.2 17

4 1	15 5.23	−15 7.5	1.300	2.184	15.9	20.4
4 11	15 0.95	−14 14.5	1.218	2.165	11.6	20.1
4 21	14 53.87	−13 8.2	1.158	2.146	6.6	19.8
5 1	14 44.90	−11 53.8	1.121	2.127	2.0	19.4
5 11	14 35.37	−10 39.6	1.109	2.109	5.5	19.6
5 21	14 26.72	− 9 34.4	1.121	2.090	10.9	19.8
5 31	14 20.20	− 8 46.0	1.155	2.072	16.0	20.1
6 10	14 16.64	− 8 18.8	1.206	2.055	20.4	20.3

295256 2008 GW_{49} 5 3.4 264°.19 1°.0/ 1.8 18

4 1	14 57.05	−11 15.4	4.497	5.355	6.0	20.8
4 11	14 53.28	−10 54.9	4.413	5.347	4.3	20.6
4 21	14 48.78	−10 32.9	4.355	5.339	2.4	20.5
5 1	14 43.84	−10 10.8	4.328	5.331	1.0	20.4
5 11	14 38.82	− 9 50.3	4.330	5.324	2.1	20.5
5 21	14 34.06	− 9 32.8	4.361	5.316	4.0	20.6
5 31	14 29.88	− 9 19.8	4.420	5.308	5.8	20.7
6 10	14 26.52	− 9 12.3	4.504	5.300	7.4	20.8

510441 2011 VX_{7} 5 3.4 264°.40 4°.1/30.2 18

4 1	15 5.57	− 3 11.0	2.355	3.219	10.5	20.7
4 11	14 59.98	− 2 47.0	2.275	3.207	7.8	20.5
4 21	14 52.80	− 2 25.9	2.220	3.195	5.3	20.3
5 1	14 44.64	− 2 11.0	2.194	3.183	4.1	20.2
5 11	14 36.26	− 2 5.8	2.195	3.171	5.7	20.3
5 21	14 28.42	− 2 12.1	2.224	3.158	8.4	20.4
5 31	14 21.80	− 2 31.2	2.278	3.146	11.2	20.6
6 10	14 16.90	− 3 2.9	2.353	3.134	13.7	20.7

508726 2017 UA_{28} 5 3.4 267°.75 1°.1/ 2.7 17

4 1	15 7.76	−14 41.0	1.741	2.607	13.4	22.2
4 11	15 2.22	−14 15.6	1.650	2.589	9.8	21.9
4 21	14 54.38	−13 42.1	1.584	2.569	5.6	21.6
5 1	14 44.98	−13 3.6	1.543	2.550	1.4	21.3
5 11	14 35.12	−12 24.5	1.530	2.530	4.2	21.4
5 21	14 25.92	−11 50.1	1.543	2.509	8.8	21.6
5 31	14 18.42	−11 25.2	1.581	2.489	13.0	21.8
6 10	14 13.34	−11 13.2	1.638	2.468	16.7	22.0

302451 2002 EA_{95} 5 3.4 65°.68 0°.5/ 3.7 18

4 1	15 10.30	−17 57.8	1.304	2.176	16.7	20.8
4 11	15 4.21	−17 51.6	1.254	2.193	12.1	20.5
4 21	14 55.45	−17 33.9	1.224	2.209	7.0	20.3
5 1	14 45.15	−17 7.1	1.220	2.226	1.6	20.0
5 11	14 34.80	−16 36.2	1.240	2.243	4.0	20.2
5 21	14 25.78	−16 7.0	1.285	2.260	9.2	20.5
5 31	14 19.13	−15 45.2	1.354	2.277	13.7	20.8
6 10	14 15.43	−15 34.6	1.441	2.295	17.4	21.1

269016 2007 EQ_{200} 5 3.4 29°.55 1°.4/ 2.7 17

4 1	15 7.62	−12 45.1	1.434	2.312	15.0	19.8
4 11	15 2.16	−12 43.1	1.376	2.320	10.8	19.6
4 21	14 54.27	−12 36.4	1.341	2.328	6.1	19.3
5 1	14 44.93	−12 28.0	1.331	2.337	1.6	19.1
5 11	14 35.43	−12 21.6	1.346	2.347	4.5	19.3
5 21	14 26.99	−12 20.8	1.386	2.356	9.2	19.6
5 31	14 20.61	−12 28.8	1.450	2.367	13.4	19.9
6 10	14 16.89	−12 47.3	1.533	2.378	16.9	20.1

48738 1997 ER_{16} 5 3.4 269°.99 0°.4/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.96	−18 21.0	1.704	2.565	13.9	20.3
4 11	15 2.47	−18 3.8	1.612	2.546	10.3	20.0
4 21	14 54.57	−17 35.4	1.543	2.527	6.0	19.7
5 1	14 45.03	−16 57.6	1.500	2.507	1.3	19.4
5 11	14 34.99	−16 14.5	1.484	2.486	3.7	19.5
5 21	14 25.63	−15 31.5	1.494	2.466	8.5	19.7
5 31	14 18.03	−14 54.5	1.529	2.445	12.9	19.9
6 10	14 12.96	−14 28.4	1.584	2.424	16.7	20.1

107538 2001 DR_{69} 5 3.4 148°.95 1°.4/ 4.4 18

4 1	15 10.04	−21 21.1	1.924	2.768	13.3	20.7
4 11	15 3.47	−21 5.5	1.855	2.778	9.9	20.5
4 21	14 54.85	−20 37.8	1.809	2.787	5.9	20.3
5 1	14 45.04	−19 59.5	1.791	2.795	2.0	20.0
5 11	14 35.10	−19 14.6	1.801	2.803	3.2	20.1
5 21	14 26.06	−18 28.0	1.839	2.810	7.2	20.4
5 31	14 18.76	−17 45.1	1.902	2.816	10.9	20.6
6 10	14 13.76	−17 10.4	1.988	2.822	14.0	20.8

413208 2003 BR_{83} 5 3.4 44°.80 1°.9/ 2.4 17

4 1	15 8.75	−11 59.8	1.319	2.201	15.9	20.1
4 11	15 2.92	−11 49.9	1.275	2.220	11.4	19.9
4 21	14 54.63	−11 35.7	1.254	2.241	6.4	19.6
5 1	14 44.99	−11 21.0	1.257	2.262	2.1	19.4
5 11	14 35.38	−11 10.2	1.285	2.284	4.9	19.7
5 21	14 27.05	−11 7.1	1.337	2.306	9.6	20.0
5 31	14 20.95	−11 14.6	1.413	2.329	13.8	20.3
6 10	14 17.60	−11 33.8	1.507	2.352	17.2	20.6

157697 2006 AA_{7} 5 3.4 357°.07 7°.5/27.2 18

4 1	15 3.89	+ 7 34.8	2.285	3.138	11.1	19.5
4 11	14 58.70	+ 8 16.7	2.229	3.137	9.2	19.3
4 21	14 52.02	+ 8 48.0	2.196	3.136	7.8	19.2
5 1	14 44.49	+ 9 3.9	2.190	3.136	7.6	19.2
5 11	14 36.87	+ 9 1.1	2.209	3.135	8.8	19.3
5 21	14 29.89	+ 8 38.8	2.253	3.135	10.7	19.4
5 31	14 24.17	+ 7 57.5	2.320	3.135	12.8	19.6
6 10	14 20.16	+ 6 59.7	2.406	3.136	14.8	19.7

435877 2008 YE_{128} 5 3.4 47°.19 2°.1/ 4.9 17

4 1	15 5.50	−22 45.4	1.857	2.707	13.5	21.2
4 11	15 0.27	−22 39.2	1.793	2.717	10.1	21.0
4 21	14 53.06	−22 20.1	1.751	2.727	6.3	20.8
5 1	14 44.70	−21 49.6	1.736	2.738	2.7	20.6
5 11	14 36.22	−21 11.0	1.748	2.750	3.3	20.6
5 21	14 28.59	−20 29.3	1.786	2.761	7.0	20.9
5 31	14 22.66	−19 49.7	1.850	2.772	10.6	21.1
6 10	14 18.94	−19 16.8	1.935	2.784	13.8	21.3

271197 2003 SB_{325} 5 3.4 323°.10 1°.9/ 1.8 18

4 1	15 3.10	−14 36.8	1.730	2.604	13.1	20.2
4 11	14 58.64	−13 28.9	1.656	2.599	9.4	20.0
4 21	14 52.19	−12 11.2	1.607	2.594	5.3	19.7
5 1	14 44.54	−10 49.2	1.584	2.589	2.0	19.5
5 11	14 36.69	− 9 30.0	1.588	2.584	4.7	19.7
5 21	14 29.63	− 8 20.4	1.618	2.580	8.9	19.9
5 31	14 24.19	− 7 25.8	1.672	2.576	12.7	20.1
6 10	14 20.94	− 6 49.3	1.747	2.572	16.1	20.3

414131 2007 VA_{57} 5 3.4 242°.97 2°.6/ 1.6 17

4 1	15 8.71	−11 13.2	1.750	2.619	13.2	21.9
4 11	15 2.82	−10 31.6	1.665	2.604	9.6	21.6
4 21	14 54.67	− 9 44.5	1.604	2.589	5.6	21.3
5 1	14 45.05	− 8 56.0	1.570	2.573	2.6	21.1
5 11	14 35.03	− 8 11.8	1.563	2.557	5.2	21.2
5 21	14 25.73	− 7 37.1	1.583	2.540	9.4	21.4
5 31	14 18.13	− 7 16.0	1.627	2.522	13.5	21.6
6 10	14 12.91	− 7 10.9	1.691	2.504	17.0	21.8

284665 2008 FW_{134} 5 3.4 229°.47 1°.9/30.2 18

4 1	14 56.32	− 5 57.8	4.853	5.714	5.5	21.2
4 11	14 52.71	− 5 29.2	4.775	5.708	4.0	21.0
4 21	14 48.44	− 5 0.9	4.724	5.702	2.6	20.9
5 1	14 43.80	− 4 34.7	4.702	5.695	1.9	20.9
5 11	14 39.09	− 4 12.1	4.711	5.689	2.8	20.9
5 21	14 34.61	− 3 54.5	4.748	5.683	4.3	21.0
5 31	14 30.66	− 3 43.1	4.813	5.676	5.8	21.1
6 10	14 27.46	− 3 38.4	4.901	5.669	7.2	21.2

292864 2006 VJ_{3} 5 3.4 268°.35 0°.5/ 3.7 17

4 1	15 8.45	−18 28.2	1.720	2.580	13.9	22.0
4 11	15 2.84	−18 12.7	1.626	2.559	10.3	21.8
4 21	14 54.80	−17 46.0	1.555	2.538	6.1	21.5
5 1	14 45.10	−17 9.8	1.510	2.516	1.4	21.1
5 11	14 34.85	−16 27.9	1.492	2.494	3.6	21.2
5 21	14 25.27	−15 45.8	1.500	2.472	8.5	21.4
5 31	14 17.44	−15 9.1	1.533	2.449	12.9	21.6
6 10	14 12.14	−14 43.0	1.587	2.426	16.7	21.8

111028 2001 VV_{19} 5 3.4 98°.97 0°.7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.13	−20 39.1	1.830	2.683	13.5	19.3
4 11	15 1.34	−20 0.3	1.770	2.699	9.9	19.1
4 21	14 53.61	−19 9.1	1.734	2.715	5.8	18.9
5 1	14 44.80	−18 8.5	1.724	2.730	1.5	18.7
5 11	14 35.98	−17 4.0	1.743	2.746	3.2	18.8
5 21	14 28.11	−16 1.3	1.789	2.761	7.3	19.1
5 31	14 21.99	−15 6.4	1.860	2.775	11.0	19.4
6 10	14 18.08	−14 23.2	1.953	2.790	14.2	19.6

1870 Glaukos 5 3.4 279°.37 1°.1/ 1.7 18 R

4 1	14 56.70	−11 13.9	4.371	5.229	6.1	17.9
4 11	14 53.05	−10 46.4	4.292	5.227	4.4	17.7
4 21	14 48.66	−10 17.1	4.240	5.224	2.5	17.6
5 1	14 43.84	− 9 47.9	4.218	5.222	1.1	17.5
5 11	14 38.96	− 9 20.5	4.226	5.219	2.3	17.6
5 21	14 34.35	− 8 56.6	4.264	5.217	4.1	17.7
5 31	14 30.34	− 8 37.7	4.328	5.214	5.9	17.8
6 10	14 27.18	− 8 24.8	4.417	5.212	7.5	18.0

431474 2007 SE_{13} 5 3.4 278°.98 0°.4/ 3.1 17

4 1	15 4.21	−17 23.8	1.992	2.854	12.2	21.3
4 11	14 59.36	−16 43.6	1.903	2.838	8.9	21.1
4 21	14 52.61	−15 53.1	1.838	2.823	5.1	20.8
5 1	14 44.65	−14 55.4	1.800	2.807	1.0	20.5
5 11	14 36.38	−13 55.3	1.790	2.791	3.4	20.6
5 21	14 28.75	−12 58.2	1.807	2.775	7.6	20.8
5 31	14 22.56	−12 9.3	1.850	2.759	11.4	21.0
6 10	14 18.43	−11 32.6	1.914	2.744	14.7	21.2

308433 2005 SJ_{157} 5 3.4 72°.32 0°.1/ 3.5 17

4 1	15 4.59	−16 59.0	2.300	3.156	11.0	20.8
4 11	14 59.29	−16 49.5	2.230	3.162	8.0	20.6
4 21	14 52.41	−16 33.4	2.184	3.167	4.6	20.4
5 1	14 44.59	−16 12.5	2.166	3.173	0.9	20.1
5 11	14 36.64	−15 49.6	2.177	3.179	2.8	20.3
5 21	14 29.33	−15 27.8	2.215	3.185	6.3	20.5
5 31	14 23.33	−15 10.5	2.280	3.190	9.5	20.7
6 10	14 19.11	−15 0.1	2.367	3.196	12.2	20.9

481807 2008 TT_{173} 5 3.4 147°.90 0°.2/ 3.2 18

4 1	15 0.65	−16 1.1	3.723	4.571	7.4	22.7
4 11	14 55.95	−15 44.1	3.649	4.578	5.3	22.5
4 21	14 50.33	−15 23.2	3.602	4.584	3.0	22.4
5 1	14 44.18	−14 59.7	3.584	4.591	0.6	22.2
5 11	14 37.96	−14 35.7	3.597	4.597	1.9	22.3
5 21	14 32.11	−14 13.0	3.639	4.603	4.3	22.5
5 31	14 27.05	−13 53.7	3.709	4.609	6.5	22.7
6 10	14 23.06	−13 39.4	3.804	4.615	8.4	22.8

496432 2014 KX_{78} 5 3.4 289°.52 2°.2/ 4.6 17

4 1	15 7.94	−22 15.4	1.222	2.092	17.7	20.9
4 11	15 3.31	−22 3.9	1.137	2.073	13.4	20.5
4 21	14 55.44	−21 33.2	1.073	2.054	8.3	20.2
5 1	14 45.27	−20 43.8	1.030	2.035	3.1	19.8
5 11	14 34.34	−19 40.6	1.012	2.016	4.6	19.8
5 21	14 24.35	−18 31.9	1.018	1.997	10.3	20.1
5 31	14 16.81	−17 27.8	1.045	1.978	15.8	20.3
6 10	14 12.68	−16 37.3	1.089	1.959	20.6	20.6

488534 2001 SZ_{91} 5 3.4 148°.12 1°.1/ 2.2 18

4 1	15 3.77	−13 28.7	3.033	3.885	8.7	22.5
4 11	14 58.30	−12 51.1	2.965	3.897	6.2	22.4
4 21	14 51.68	−12 9.6	2.924	3.908	3.5	22.2
5 1	14 44.44	−11 26.8	2.913	3.918	1.2	22.1
5 11	14 37.15	−10 45.5	2.932	3.928	2.8	22.2
5 21	14 30.38	−10 8.7	2.980	3.937	5.5	22.4
5 31	14 24.60	− 9 38.8	3.056	3.945	8.0	22.6
6 10	14 20.19	− 9 17.6	3.156	3.953	10.2	22.7

502785 2015 DA_{98} 5 3.4 263°.41 3°.8/30.5 17

4 1	15 5.07	− 7 11.3	1.887	2.761	12.2	20.5
4 11	14 59.90	− 6 24.3	1.817	2.757	8.9	20.3
4 21	14 52.86	− 5 36.4	1.771	2.753	5.6	20.1
5 1	14 44.69	− 4 52.4	1.752	2.749	3.8	20.0
5 11	14 36.33	− 4 17.4	1.760	2.745	5.9	20.1
5 21	14 28.69	− 3 55.2	1.795	2.741	9.3	20.3
5 31	14 22.57	− 3 48.4	1.853	2.737	12.7	20.5
6 10	14 18.50	− 3 57.5	1.931	2.732	15.6	20.7

209063 2003 QT_{61} 5 3.4 261°.93 3°.1/ 1.3 18

4 1	15 8.48	−10 18.8	1.746	2.616	13.2	20.6
4 11	15 2.75	− 9 30.9	1.653	2.593	9.7	20.3
4 21	14 54.71	− 8 37.2	1.585	2.569	5.8	20.0
5 1	14 45.09	− 7 42.6	1.543	2.545	3.1	19.8
5 11	14 34.98	− 6 53.1	1.528	2.520	5.7	19.9
5 21	14 25.49	− 6 14.3	1.540	2.494	9.9	20.1
5 31	14 17.66	− 5 50.7	1.576	2.467	14.1	20.2
6 10	14 12.23	− 5 44.7	1.631	2.440	17.7	20.4

341802 2007 XG_{29} 5 3.4 183°.06 1°.5/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.22	−11 21.8	2.243	3.103	11.1	21.3
4 11	15 1.23	−11 16.5	2.168	3.103	8.0	21.1
4 21	14 53.54	−11 8.7	2.119	3.103	4.5	20.9
5 1	14 44.83	−11 0.5	2.098	3.103	1.6	20.7
5 11	14 35.93	−10 54.7	2.106	3.103	3.6	20.8
5 21	14 27.66	−10 53.6	2.142	3.102	7.1	21.0
5 31	14 20.76	−10 59.4	2.204	3.102	10.3	21.2
6 10	14 15.72	−11 13.5	2.288	3.101	13.1	21.4

34753 Zdeněkmatyáš 5 3.4 312°.21 3°.8/ 1.2 18

4 1	15 5.07	−11 28.7	1.172	2.066	16.5	19.2
4 11	15 0.94	−10 26.2	1.101	2.052	12.0	18.9
4 21	14 53.90	− 9 14.4	1.051	2.040	7.1	18.6
5 1	14 44.94	− 8 0.9	1.024	2.027	3.8	18.3
5 11	14 35.52	− 6 55.1	1.021	2.015	7.0	18.5
5 21	14 27.11	− 6 5.5	1.040	2.004	12.3	18.7
5 31	14 20.99	− 5 38.3	1.080	1.993	17.3	19.0
6 10	14 17.95	− 5 35.5	1.136	1.983	21.5	19.2

468641 2008 SZ_{299} 5 3.4 219°.36 1°.2/ 4.5 18

4 1	15 5.79	−22 39.0	2.295	3.134	11.6	22.1
4 11	15 0.27	−21 56.9	2.205	3.126	8.7	21.9
4 21	14 53.02	−21 1.7	2.140	3.117	5.3	21.7
5 1	14 44.74	−19 55.5	2.103	3.108	1.8	21.4
5 11	14 36.25	−18 42.6	2.096	3.098	2.8	21.5
5 21	14 28.41	−17 28.3	2.117	3.088	6.4	21.7
5 31	14 21.94	−16 18.4	2.165	3.077	9.8	21.9
6 10	14 17.36	−15 17.6	2.237	3.066	12.8	22.0

342506 2008 UL_{185} 5 3.4 206°.79 1°.3/ 2.5 17

4 1	15 6.43	−13 0.8	2.008	2.872	12.0	20.8
4 11	15 0.83	−12 43.2	1.934	2.871	8.6	20.6
4 21	14 53.39	−12 20.9	1.885	2.870	4.9	20.4
5 1	14 44.81	−11 56.7	1.863	2.868	1.5	20.1
5 11	14 36.04	−11 34.2	1.869	2.867	3.8	20.3
5 21	14 27.96	−11 16.8	1.902	2.865	7.6	20.5
5 31	14 21.38	−11 7.6	1.960	2.864	11.1	20.7
6 10	14 16.83	−11 8.6	2.040	2.862	14.2	20.9

346095 2007 VU_{35} 5 3.4 296°.63 1°.1/ 2.5 17

4 1	15 4.31	−14 30.3	2.028	2.894	11.8	21.5
4 11	14 59.29	−13 58.1	1.954	2.892	8.5	21.2
4 21	14 52.50	−13 19.5	1.904	2.890	4.8	21.0
5 1	14 44.64	−12 37.5	1.881	2.888	1.3	20.8
5 11	14 36.60	−11 56.5	1.886	2.886	3.6	20.9
5 21	14 29.24	−11 20.7	1.919	2.884	7.5	21.2
5 31	14 23.32	−10 53.9	1.976	2.882	11.0	21.4
6 10	14 19.36	−10 38.7	2.055	2.880	14.0	21.6

310254 2011 UH_{26} 5 3.4 247°.26 0°.6/ 2.9 16

4 1	15 5.68	−14 21.2	2.402	3.258	10.6	20.8
4 11	15 0.10	−14 16.9	2.319	3.252	7.6	20.6
4 21	14 52.91	−14 8.2	2.261	3.245	4.3	20.4
5 1	14 44.73	−13 56.7	2.231	3.238	0.9	20.1
5 11	14 36.31	−13 44.9	2.231	3.231	3.0	20.3
5 21	14 28.44	−13 35.5	2.258	3.224	6.5	20.5
5 31	14 21.80	−13 30.9	2.312	3.217	9.6	20.7
6 10	14 16.91	−13 33.3	2.389	3.209	12.4	20.9

131592 2001 WT_{64} 5 3.4 314°.92 2°.6/ 3.7 18

4 1	15 23.75	−14 4.2	1.047	1.917	20.0	19.3
4 11	15 15.62	−16 3.2	0.972	1.909	15.0	19.0
4 21	15 2.97	−18 7.4	0.919	1.901	9.1	18.6
5 1	14 46.85	−20 9.6	0.889	1.894	3.2	18.2
5 11	14 29.34	−22 2.0	0.886	1.887	5.8	18.4
5 21	14 12.94	−23 39.3	0.907	1.881	12.2	18.7
5 31	13 59.86	−25 2.5	0.951	1.874	18.1	19.0
6 10	13 51.41	−26 16.6	1.013	1.869	22.9	19.3

191701 2004 RP_{169} 5 3.4 306°.09 0°.7/ 3.8 18

4 1	15 5.21	−19 12.6	1.572	2.440	14.6	20.4
4 11	15 0.63	−18 54.4	1.485	2.421	10.8	20.2
4 21	14 53.59	−18 23.3	1.419	2.403	6.4	19.9
5 1	14 44.90	−17 41.5	1.378	2.384	1.6	19.5
5 11	14 35.71	−16 53.4	1.363	2.366	3.7	19.6
5 21	14 27.26	−16 5.1	1.373	2.348	8.7	19.8
5 31	14 20.65	−15 23.0	1.407	2.331	13.2	20.1
6 10	14 16.65	−14 52.5	1.461	2.314	17.2	20.3

284661 2008 CK_{20} 5 3.4 175°.30 2°.7/ 5.6 17

4 1	15 6.28	−25 15.6	2.583	3.407	10.9	20.5
4 11	15 0.51	−25 25.5	2.501	3.408	8.4	20.3
4 21	14 53.13	−25 24.6	2.444	3.409	5.6	20.2
5 1	14 44.77	−25 13.1	2.414	3.410	3.1	20.0
5 11	14 36.21	−24 52.5	2.414	3.411	3.2	20.0
5 21	14 28.22	−24 25.9	2.441	3.411	5.8	20.2
5 31	14 21.49	−23 56.8	2.496	3.411	8.6	20.3
6 10	14 16.53	−23 29.4	2.574	3.411	11.1	20.5

504263 2006 VC_{89} 5 3.4 154°.52 6°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.63	+ 9 23.1	2.909	3.741	9.6	21.5
4 11	15 1.05	+ 9 49.5	2.855	3.748	8.0	21.4
4 21	14 53.25	+10 5.9	2.826	3.754	6.8	21.3
5 1	14 44.77	+10 8.8	2.825	3.761	6.6	21.3
5 11	14 36.27	+ 9 56.1	2.852	3.766	7.5	21.4
5 21	14 28.36	+ 9 27.6	2.906	3.772	9.1	21.5
5 31	14 21.56	+ 8 44.0	2.985	3.777	10.8	21.6
6 10	14 16.25	+ 7 47.2	3.084	3.781	12.4	21.8

171556 1999 TW_{129} 5 3.4 124°.16 3°.8/ 5.8 18

4 1	15 12.73	−26 24.2	1.839	2.666	14.6	20.7
4 11	15 5.61	−26 43.0	1.774	2.681	11.2	20.5
4 21	14 56.17	−26 46.2	1.732	2.696	7.5	20.3
5 1	14 45.36	−26 33.3	1.716	2.710	4.4	20.1
5 11	14 34.40	−26 6.4	1.727	2.723	4.4	20.2
5 21	14 24.45	−25 30.0	1.766	2.736	7.5	20.4
5 31	14 16.48	−24 50.4	1.831	2.748	11.0	20.6
6 10	14 11.08	−24 13.7	1.917	2.760	14.1	20.8

345859 2007 PB_{32} 5 3.4 231°.88 3°.2/ 6.2 18

4 1	15 7.89	−27 56.8	2.763	3.570	10.8	22.7
4 11	15 1.71	−28 0.8	2.660	3.555	8.4	22.6
4 21	14 53.86	−27 52.6	2.582	3.538	5.8	22.4
5 1	14 44.93	−27 31.8	2.531	3.521	3.6	22.2
5 11	14 35.68	−26 59.8	2.510	3.503	3.6	22.2
5 21	14 26.91	−26 19.6	2.518	3.484	5.8	22.3
5 31	14 19.34	−25 35.4	2.553	3.465	8.6	22.4
6 10	14 13.52	−24 51.7	2.614	3.445	11.1	22.6

81931 2000 OF_{7} 5 3.4 331°.84 7°.0/ 7.4 18

4 1	15 4.75	−31 43.4	1.604	2.431	16.3	18.0
4 11	15 0.63	−32 28.0	1.512	2.410	13.4	17.8
4 21	14 53.77	−32 53.4	1.440	2.389	10.2	17.5
5 1	14 44.97	−32 56.2	1.390	2.369	7.6	17.3
5 11	14 35.47	−32 35.9	1.365	2.350	7.2	17.3
5 21	14 26.68	−31 56.1	1.364	2.332	9.5	17.3
5 31	14 19.91	−31 3.9	1.386	2.315	13.0	17.5
6 10	14 16.04	−30 8.0	1.427	2.299	16.5	17.7

517592 2014 WT_{118} 5 3.4 275°.38 2°.2/30.5 18

4 1	14 59.79	− 3 51.0	4.417	5.272	6.1	20.9
4 11	14 55.24	− 3 44.3	4.338	5.267	4.5	20.8
4 21	14 49.91	− 3 39.3	4.287	5.261	3.0	20.7
5 1	14 44.13	− 3 37.4	4.265	5.256	2.2	20.6
5 11	14 38.27	− 3 40.0	4.274	5.250	3.1	20.7
5 21	14 32.68	− 3 48.1	4.312	5.245	4.7	20.8
5 31	14 27.70	− 4 2.2	4.377	5.239	6.4	20.9
6 10	14 23.60	− 4 22.8	4.466	5.233	7.9	21.0

330963 2009 SX_{345} 5 3.4 253°.06 1°.4/ 2.2 17

4 1	15 5.41	−16 17.8	1.897	2.761	12.6	21.7
4 11	15 0.28	−15 5.7	1.809	2.746	9.1	21.5
4 21	14 53.17	−13 41.5	1.746	2.731	5.1	21.2
5 1	14 44.81	−12 10.0	1.710	2.716	1.5	20.9
5 11	14 36.16	−10 38.2	1.703	2.700	4.2	21.1
5 21	14 28.21	− 9 13.2	1.723	2.684	8.5	21.3
5 31	14 21.80	− 8 1.4	1.768	2.668	12.4	21.5
6 10	14 17.53	− 7 7.1	1.835	2.651	15.7	21.7

255459 2005 YB_{76} 5 3.4 341°.95 4°.8/29.4 18

4 1	15 3.66	− 1 0.5	2.353	3.220	10.4	20.2
4 11	14 58.55	− 0 27.9	2.287	3.218	7.9	20.0
4 21	14 51.98	+ 0 0.3	2.246	3.216	5.6	19.8
5 1	14 44.55	+ 0 20.3	2.233	3.214	4.8	19.8
5 11	14 37.00	+ 0 28.8	2.246	3.213	6.3	19.9
5 21	14 30.03	+ 0 23.8	2.287	3.212	8.7	20.0
5 31	14 24.26	+ 0 4.7	2.352	3.210	11.3	20.2
6 10	14 20.14	− 0 28.0	2.437	3.209	13.5	20.3

199857 2007 EC_{97} 5 3.4 285°.88 2°.9/30.9 17

4 1	15 3.74	−12 14.0	1.749	2.625	12.9	20.6
4 11	14 59.19	−10 56.6	1.667	2.610	9.3	20.3
4 21	14 52.59	− 9 30.4	1.609	2.595	5.4	20.0
5 1	14 44.70	− 8 1.4	1.577	2.580	2.9	19.8
5 11	14 36.52	− 6 37.2	1.573	2.564	5.6	20.0
5 21	14 29.04	− 5 24.9	1.595	2.549	9.6	20.2
5 31	14 23.14	− 4 30.1	1.641	2.534	13.5	20.4
6 10	14 19.45	− 3 55.7	1.707	2.519	16.9	20.6

271806 2004 TZ_{93} 5 3.4 283°.24 2°.0/ 1.8 17

4 1	15 4.05	−14 12.7	1.773	2.645	12.9	20.5
4 11	14 59.36	−13 8.5	1.694	2.636	9.3	20.3
4 21	14 52.66	−11 54.9	1.640	2.627	5.3	20.0
5 1	14 44.72	−10 37.1	1.612	2.617	2.0	19.8
5 11	14 36.53	− 9 21.8	1.612	2.608	4.7	19.9
5 21	14 29.08	− 8 15.5	1.638	2.598	8.9	20.1
5 31	14 23.24	− 7 23.7	1.688	2.589	12.8	20.4
6 10	14 19.58	− 6 49.5	1.758	2.580	16.1	20.6

119402 2001 TY_{51} 5 3.4 70°.20 0°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.45	−15 6.9	1.635	2.505	14.0	19.8
4 11	15 1.87	−14 47.6	1.571	2.510	10.1	19.5
4 21	14 54.09	−14 20.7	1.530	2.516	5.7	19.3
5 1	14 44.99	−13 49.5	1.515	2.522	1.2	19.0
5 11	14 35.73	−13 18.3	1.526	2.527	3.9	19.2
5 21	14 27.39	−12 51.7	1.564	2.533	8.4	19.5
5 31	14 20.91	−12 34.2	1.626	2.539	12.4	19.7
6 10	14 16.85	−12 28.2	1.708	2.545	15.8	20.0

292785 2006 UO_{220} 5 3.4 42°.59 3°.5/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.29	−26 1.7	2.096	2.926	12.9	20.1
4 11	15 1.57	−26 24.9	2.022	2.930	10.0	19.9
4 21	14 53.88	−26 35.3	1.970	2.934	6.8	19.7
5 1	14 44.96	−26 32.2	1.945	2.938	4.0	19.6
5 11	14 35.80	−26 17.3	1.947	2.942	4.1	19.6
5 21	14 27.36	−25 53.7	1.976	2.947	6.8	19.7
5 31	14 20.49	−25 26.2	2.031	2.951	10.0	19.9
6 10	14 15.78	−24 59.8	2.109	2.956	12.9	20.1

204029 2003 UK_{92} 5 3.4 237°.85 2°.3/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.62	−25 41.9	2.212	3.043	12.3	20.6
4 11	15 0.29	−25 12.7	2.121	3.034	9.4	20.4
4 21	14 53.12	−24 28.4	2.054	3.024	6.1	20.1
5 1	14 44.82	−23 30.2	2.013	3.013	2.9	19.9
5 11	14 36.28	−22 21.9	2.002	3.002	3.2	19.9
5 21	14 28.40	−21 8.6	2.018	2.991	6.5	20.1
5 31	14 21.97	−19 56.5	2.061	2.980	9.9	20.3
6 10	14 17.53	−18 51.3	2.127	2.968	13.0	20.5

502838 2015 DT_{153} 5 3.4 68°.35 5°.8/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.17	− 2 17.4	1.777	2.652	12.7	20.6
4 11	14 59.87	− 1 12.7	1.730	2.667	9.5	20.4
4 21	14 52.79	− 0 12.3	1.708	2.681	6.8	20.3
5 1	14 44.73	+ 0 37.6	1.712	2.695	5.9	20.3
5 11	14 36.67	+ 1 11.6	1.742	2.710	7.7	20.4
5 21	14 29.50	+ 1 26.9	1.798	2.724	10.6	20.6
5 31	14 23.93	+ 1 22.7	1.876	2.739	13.5	20.8
6 10	14 20.43	+ 1 0.1	1.973	2.753	16.0	21.0

159265 2005 YA_{190} 5 3.4 115°.32 0°.5/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.42	−18 39.1	1.904	2.760	12.9	21.2
4 11	15 1.61	−18 23.5	1.837	2.768	9.4	21.0
4 21	14 53.86	−17 58.3	1.794	2.776	5.5	20.7
5 1	14 44.96	−17 25.5	1.778	2.784	1.3	20.5
5 11	14 35.92	−16 49.1	1.790	2.792	3.1	20.6
5 21	14 27.72	−16 13.5	1.828	2.800	7.2	20.9
5 31	14 21.18	−15 43.1	1.892	2.807	10.9	21.1
6 10	14 16.81	−15 21.7	1.978	2.814	14.0	21.3

190443 1999 XS_{246} 5 3.4 71°.33 1°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.41	−19 40.1	1.208	2.081	17.6	20.7
4 11	15 4.56	−19 26.9	1.156	2.094	13.0	20.5
4 21	14 55.81	−18 58.7	1.123	2.107	7.6	20.2
5 1	14 45.35	−18 18.5	1.115	2.121	2.0	19.9
5 11	14 34.78	−17 32.0	1.131	2.134	4.2	20.1
5 21	14 25.61	−16 46.6	1.171	2.147	9.6	20.4
5 31	14 18.99	−16 9.5	1.233	2.161	14.4	20.7
6 10	14 15.51	−15 45.7	1.314	2.174	18.4	21.0

231643 2009 VJ_{2} 5 3.4 67°.29 6°.9/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.16	−40 7.1	1.820	2.588	17.0	19.9
4 11	15 5.01	−39 28.4	1.769	2.623	14.0	19.7
4 21	14 55.64	−38 21.0	1.738	2.658	10.8	19.6
5 1	14 45.25	−36 45.5	1.732	2.693	8.0	19.5
5 11	14 35.21	−34 47.6	1.752	2.727	6.9	19.5
5 21	14 26.64	−32 36.6	1.800	2.761	8.1	19.7
5 31	14 20.35	−30 23.5	1.875	2.795	10.7	19.9
6 10	14 16.69	−28 18.1	1.974	2.828	13.3	20.1

256945 2008 ED_{48} 5 3.4 196°.97 2°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.98	−22 45.9	1.993	2.828	13.3	20.0
4 11	15 5.10	−23 10.4	1.910	2.826	10.1	19.8
4 21	14 55.98	−23 24.0	1.852	2.823	6.4	19.6
5 1	14 45.41	−23 26.0	1.820	2.820	3.1	19.4
5 11	14 34.46	−23 17.6	1.817	2.816	3.7	19.4
5 21	14 24.25	−23 2.1	1.842	2.812	7.3	19.6
5 31	14 15.75	−22 43.9	1.893	2.807	10.9	19.8
6 10	14 9.63	−22 28.0	1.966	2.802	14.1	20.0

256598 2007 UL_{63} 5 3.4 341°.37 1°.4/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.98	−18 47.3	1.800	2.657	13.5	19.9
4 11	15 2.31	−19 9.6	1.723	2.653	10.0	19.6
4 21	14 54.43	−19 23.9	1.669	2.649	6.0	19.4
5 1	14 45.10	−19 30.2	1.641	2.646	2.0	19.1
5 11	14 35.42	−19 30.5	1.640	2.643	3.4	19.2
5 21	14 26.49	−19 27.5	1.666	2.640	7.6	19.5
5 31	14 19.28	−19 25.1	1.717	2.637	11.5	19.7
6 10	14 14.44	−19 27.2	1.789	2.635	14.9	19.9

146819 2001 YO_{117} 5 3.4 176°.18 1°.8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.13	−10 49.8	2.525	3.387	9.9	20.3
4 11	14 58.85	−10 22.8	2.452	3.388	7.1	20.1
4 21	14 52.16	− 9 53.1	2.405	3.389	4.1	19.9
5 1	14 44.63	− 9 23.7	2.386	3.389	1.9	19.8
5 11	14 36.99	− 8 57.6	2.396	3.390	3.7	19.9
5 21	14 29.89	− 8 37.6	2.435	3.390	6.7	20.1
5 31	14 23.95	− 8 26.2	2.499	3.390	9.5	20.3
6 10	14 19.60	− 8 24.6	2.586	3.389	12.0	20.4

204208 2004 CL_{22} 5 3.4 72°.59 7°.5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.62	+ 4 37.6	2.016	2.880	12.0	20.3
4 11	14 59.34	+ 5 41.3	1.971	2.891	9.6	20.2
4 21	14 52.45	+ 6 35.3	1.951	2.901	7.8	20.1
5 1	14 44.68	+ 7 14.0	1.956	2.912	7.6	20.1
5 11	14 36.90	+ 7 33.2	1.987	2.923	9.0	20.2
5 21	14 29.89	+ 7 31.1	2.042	2.934	11.2	20.4
5 31	14 24.31	+ 7 8.4	2.119	2.945	13.5	20.6
6 10	14 20.61	+ 6 27.2	2.215	2.956	15.6	20.7

157701 2006 AD_{21} 5 3.4 333°.02 6°.7/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.91	+ 6 13.1	2.455	3.308	10.5	19.4
4 11	14 58.68	+ 6 52.6	2.394	3.306	8.5	19.3
4 21	14 52.05	+ 7 23.0	2.359	3.303	7.0	19.2
5 1	14 44.61	+ 7 40.0	2.350	3.301	6.8	19.2
5 11	14 37.08	+ 7 40.6	2.367	3.299	8.0	19.2
5 21	14 30.12	+ 7 23.5	2.410	3.297	9.9	19.3
5 31	14 24.34	+ 6 49.2	2.476	3.296	12.0	19.5
6 10	14 20.15	+ 5 59.3	2.562	3.294	13.9	19.6

227351 2005 UM_{87} 5 3.4 340°.45 0°.7/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.35	−14 13.6	1.429	2.307	15.1	19.6
4 11	15 2.23	−14 16.0	1.357	2.300	11.0	19.4
4 21	14 54.54	−14 12.3	1.307	2.294	6.3	19.1
5 1	14 45.15	−14 4.7	1.282	2.289	1.3	18.7
5 11	14 35.37	−13 56.9	1.282	2.284	4.3	18.9
5 21	14 26.50	−13 52.8	1.307	2.280	9.3	19.2
5 31	14 19.67	−13 56.4	1.355	2.276	13.8	19.4
6 10	14 15.61	−14 10.3	1.422	2.273	17.7	19.7

25944 2001 EP_{10} 5 3.4 298°.33 2°.5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.71	−11 50.7	1.451	2.332	14.8	18.1
4 11	15 1.90	−11 18.5	1.364	2.308	10.8	17.8
4 21	14 54.45	−10 39.6	1.298	2.285	6.3	17.4
5 1	14 45.16	− 9 58.4	1.257	2.262	2.6	17.1
5 11	14 35.27	− 9 20.9	1.242	2.239	5.5	17.3
5 21	14 26.08	− 8 53.1	1.251	2.215	10.5	17.5
5 31	14 18.82	− 8 39.8	1.282	2.193	15.3	17.7
6 10	14 14.31	− 8 43.9	1.332	2.170	19.4	17.9

278221 2007 ES_{78} 5 3.4 6°.58 3°.1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.71	− 9 49.2	1.443	2.327	14.6	19.6
4 11	15 0.84	− 9 20.5	1.381	2.327	10.6	19.4
4 21	14 53.62	− 8 49.1	1.341	2.328	6.2	19.2
5 1	14 44.95	− 8 19.7	1.326	2.329	3.1	19.0
5 11	14 36.07	− 7 57.6	1.336	2.331	5.7	19.1
5 21	14 28.15	− 7 47.1	1.371	2.333	10.1	19.4
5 31	14 22.18	− 7 51.1	1.428	2.337	14.2	19.6
6 10	14 18.77	− 8 10.4	1.505	2.340	17.7	19.9

381545 2008 TW_{4} 5 3.4 137°.50 4°.0/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.45	−28 28.4	2.297	3.107	12.6	21.1
4 11	15 3.73	−28 53.6	2.223	3.118	9.8	20.9
4 21	14 55.07	−29 5.0	2.173	3.127	6.9	20.8
5 1	14 45.23	−29 1.6	2.150	3.137	4.5	20.6
5 11	14 35.20	−28 44.6	2.156	3.146	4.4	20.6
5 21	14 25.90	−28 17.4	2.189	3.154	6.7	20.8
5 31	14 18.19	−27 44.6	2.249	3.162	9.5	21.0
6 10	14 12.59	−27 11.5	2.332	3.170	12.1	21.2

356193 2009 LG_{2} 5 3.4 231°.92 4°.8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.65	− 3 1.3	2.411	3.282	10.0	20.7
4 11	14 57.10	− 1 41.3	2.345	3.279	7.5	20.6
4 21	14 51.18	− 0 22.6	2.305	3.276	5.4	20.4
5 1	14 44.46	+ 0 49.4	2.293	3.273	4.9	20.4
5 11	14 37.63	+ 1 49.7	2.310	3.270	6.5	20.5
5 21	14 31.34	+ 2 34.6	2.352	3.268	8.9	20.6
5 31	14 26.19	+ 3 2.1	2.419	3.264	11.4	20.8
6 10	14 22.60	+ 3 12.1	2.506	3.261	13.6	20.9

106140 2000 TP_{44} 5 3.4 193°.21 7°.2/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.35	+ 3 6.5	2.098	2.961	11.6	20.5
4 11	14 59.92	+ 4 27.0	2.038	2.959	9.2	20.3
4 21	14 52.85	+ 5 40.8	2.004	2.957	7.5	20.2
5 1	14 44.80	+ 6 41.4	1.997	2.955	7.3	20.2
5 11	14 36.63	+ 7 23.4	2.015	2.953	8.9	20.3
5 21	14 29.14	+ 7 44.0	2.059	2.950	11.2	20.4
5 31	14 23.04	+ 7 42.5	2.126	2.946	13.7	20.6
6 10	14 18.79	+ 7 20.5	2.210	2.942	15.9	20.7

368922 2006 UC_{194} 5 3.4 269°.46 0°.1/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.47	−17 36.2	1.684	2.546	14.0	21.8
4 11	15 2.92	−17 21.3	1.593	2.527	10.3	21.5
4 21	14 54.92	−16 56.1	1.525	2.508	6.0	21.2
5 1	14 45.26	−16 22.4	1.482	2.489	1.3	20.8
5 11	14 35.08	−15 44.2	1.467	2.469	3.7	20.9
5 21	14 25.58	−15 6.8	1.478	2.449	8.6	21.2
5 31	14 17.87	−14 35.7	1.513	2.429	13.0	21.4
6 10	14 12.70	−14 15.5	1.569	2.408	16.9	21.6

93500 2000 TU_{49} 5 3.4 355°.68 4°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.99	− 5 34.4	1.428	2.307	15.1	17.9
4 11	15 4.04	− 5 44.2	1.362	2.304	11.1	17.7
4 21	14 55.52	− 5 58.3	1.318	2.301	6.9	17.4
5 1	14 45.36	− 6 19.9	1.299	2.299	4.0	17.2
5 11	14 34.88	− 6 51.7	1.306	2.298	6.2	17.4
5 21	14 25.37	− 7 34.8	1.338	2.298	10.5	17.6
5 31	14 17.94	− 8 29.4	1.393	2.299	14.6	17.8
6 10	14 13.27	− 9 34.5	1.468	2.300	18.2	18.1

199459 2006 DT_{46} 5 3.4 175°.87 2°.6/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.77	−23 38.5	1.928	2.770	13.4	20.6
4 11	15 2.05	−23 45.3	1.851	2.770	10.2	20.4
4 21	14 54.23	−23 39.4	1.798	2.770	6.5	20.2
5 1	14 45.10	−23 20.9	1.770	2.770	3.2	20.0
5 11	14 35.71	−22 52.5	1.770	2.770	3.6	20.0
5 21	14 27.08	−22 18.2	1.797	2.771	7.1	20.2
5 31	14 20.14	−21 43.3	1.849	2.770	10.7	20.4
6 10	14 15.48	−21 12.9	1.924	2.770	13.9	20.6

202274 2005 BA_{15} 5 3.4 233°.27 1°.8/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.84	−22 52.6	2.046	2.890	12.6	20.9
4 11	15 0.54	−22 34.3	1.964	2.886	9.5	20.7
4 21	14 53.32	−22 3.0	1.905	2.881	5.9	20.5
5 1	14 44.92	−21 20.3	1.873	2.876	2.4	20.2
5 11	14 36.28	−20 29.6	1.869	2.871	3.1	20.3
5 21	14 28.35	−19 35.8	1.892	2.866	6.8	20.5
5 31	14 21.94	−18 44.4	1.942	2.861	10.4	20.7
6 10	14 17.63	−18 0.4	2.013	2.856	13.6	20.9

391378 2006 WC_{44} 5 3.4 168°.29 0°.4/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.16	−17 16.9	2.552	3.405	10.1	21.6
4 11	14 58.17	−16 31.3	2.476	3.407	7.3	21.5
4 21	14 51.78	−15 38.0	2.426	3.409	4.1	21.3
5 1	14 44.60	−14 39.9	2.404	3.411	0.8	21.0
5 11	14 37.32	−13 41.0	2.412	3.412	2.8	21.2
5 21	14 30.61	−12 45.3	2.448	3.414	6.0	21.4
5 31	14 25.06	−11 56.8	2.512	3.415	9.0	21.6
6 10	14 21.10	−11 18.4	2.598	3.415	11.6	21.8

179217 2001 TB_{225} 5 3.4 218°.70 0°.1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.19	−16 4.4	4.686	5.534	6.0	21.4
4 11	14 53.42	−15 46.7	4.601	5.530	4.3	21.3
4 21	14 48.93	−15 25.8	4.544	5.527	2.4	21.2
5 1	14 44.03	−15 2.9	4.516	5.523	0.5	21.0
5 11	14 39.06	−14 39.5	4.519	5.520	1.6	21.1
5 21	14 34.35	−14 17.1	4.551	5.516	3.5	21.2
5 31	14 30.20	−13 57.3	4.611	5.512	5.3	21.4
6 10	14 26.87	−13 41.5	4.697	5.509	6.9	21.5

214685 2006 SC_{217} 5 3.4 217°.48 2°.8/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.24	− 8 46.5	2.488	3.354	9.9	21.6
4 11	14 58.26	− 7 53.0	2.411	3.348	7.2	21.4
4 21	14 51.87	− 6 57.2	2.360	3.342	4.4	21.2
5 1	14 44.62	− 6 3.0	2.338	3.336	2.8	21.1
5 11	14 37.23	− 5 14.6	2.345	3.330	4.6	21.2
5 21	14 30.38	− 4 35.5	2.379	3.323	7.5	21.3
5 31	14 24.65	− 4 8.6	2.439	3.316	10.3	21.5
6 10	14 20.51	− 3 55.2	2.521	3.308	12.7	21.7

73343 2002 JQ_{117} 5 3.4 282°.16 8°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.95	+ 5 3.9	1.926	2.790	12.4	19.2
4 11	14 59.92	+ 6 20.9	1.852	2.770	10.2	19.0
4 21	14 53.00	+ 7 30.1	1.802	2.750	8.6	18.9
5 1	14 44.87	+ 8 24.0	1.777	2.730	8.5	18.8
5 11	14 36.44	+ 8 56.7	1.778	2.710	10.2	18.9
5 21	14 28.62	+ 9 4.9	1.802	2.690	12.7	19.0
5 31	14 22.24	+ 8 47.9	1.848	2.669	15.4	19.1
6 10	14 17.89	+ 8 7.7	1.911	2.649	17.8	19.3

408795 2000 JH_{75} 5 3.4 6°.44 2°.7/30.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.85	−27 34.3	0.753	1.656	22.1	18.8
4 11	14 52.04	−23 5.3	0.698	1.656	15.8	18.5
4 21	14 48.98	−17 33.6	0.665	1.657	8.5	18.1
5 1	14 44.08	−11 28.8	0.656	1.662	2.7	17.8
5 11	14 39.13	− 5 35.6	0.673	1.669	8.8	18.2
5 21	14 35.63	− 0 34.1	0.713	1.679	15.9	18.6
5 31	14 34.65	+ 3 14.0	0.774	1.692	21.8	18.9
6 10	14 36.62	+ 5 47.0	0.851	1.706	26.2	19.3

169433 2002 AY_{42} 5 3.4 122°.74 2°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.71	− 9 41.6	2.467	3.332	10.0	20.9
4 11	14 58.54	− 9 2.2	2.403	3.340	7.2	20.8
4 21	14 51.99	− 8 20.8	2.366	3.349	4.2	20.6
5 1	14 44.66	− 7 40.8	2.356	3.357	2.4	20.5
5 11	14 37.26	− 7 5.8	2.376	3.365	4.1	20.6
5 21	14 30.47	− 6 38.8	2.423	3.373	7.0	20.8
5 31	14 24.85	− 6 22.2	2.496	3.381	9.8	21.0
6 10	14 20.83	− 6 17.0	2.591	3.388	12.2	21.1

1443 Ruppina 5 3.4 251°.58 0°.7/ 2.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.51	−15 29.0	2.163	3.024	11.4	15.8
4 11	14 59.42	−14 59.5	2.083	3.019	8.2	15.6
4 21	14 52.64	−14 22.9	2.028	3.013	4.7	15.3
5 1	14 44.81	−13 42.1	2.001	3.007	1.0	15.1
5 11	14 36.77	−13 1.0	2.001	3.001	3.3	15.2
5 21	14 29.35	−12 23.7	2.029	2.995	7.0	15.4
5 31	14 23.29	−11 54.1	2.083	2.989	10.5	15.6
6 10	14 19.09	−11 34.9	2.159	2.983	13.4	15.8

36127 1999 RJ_{150} 5 3.4 288°.73 3°.4/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.80	− 7 44.2	2.208	3.080	10.8	18.8
4 11	14 58.17	− 6 53.1	2.126	3.065	7.8	18.6
4 21	14 51.92	− 6 0.0	2.068	3.050	4.9	18.4
5 1	14 44.67	− 5 9.3	2.038	3.035	3.4	18.3
5 11	14 37.18	− 4 25.7	2.036	3.020	5.3	18.4
5 21	14 30.23	− 3 53.0	2.061	3.006	8.4	18.5
5 31	14 24.52	− 3 34.2	2.111	2.991	11.5	18.7
6 10	14 20.56	− 3 30.5	2.181	2.976	14.2	18.9

110641 2001 TY_{167} 5 3.4 204°.22 3°.0/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.97	−27 54.6	2.252	3.070	12.5	20.3
4 11	15 1.98	−27 30.0	2.162	3.065	9.7	20.1
4 21	14 54.12	−26 49.1	2.097	3.059	6.5	19.9
5 1	14 45.10	−25 52.6	2.058	3.053	3.7	19.7
5 11	14 35.88	−24 44.0	2.049	3.046	3.6	19.7
5 21	14 27.37	−23 28.3	2.067	3.039	6.5	19.9
5 31	14 20.38	−22 12.0	2.113	3.031	9.8	20.1
6 10	14 15.45	−21 1.3	2.183	3.022	12.8	20.3

88004 2000 UQ_{42} 5 3.4 217°.86 0°.8/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.24	−15 30.5	2.256	3.112	11.2	20.6
4 11	15 0.63	−14 52.0	2.171	3.104	8.1	20.4
4 21	14 53.31	−14 6.1	2.111	3.095	4.6	20.2
5 1	14 44.95	−13 15.6	2.079	3.086	1.1	19.9
5 11	14 36.36	−12 24.8	2.077	3.076	3.3	20.1
5 21	14 28.37	−11 38.0	2.102	3.065	7.0	20.3
5 31	14 21.72	−10 59.3	2.154	3.054	10.4	20.5
6 10	14 16.92	−10 31.7	2.229	3.043	13.4	20.6

195463 2002 GS_{104} 5 3.4 326°.79 6°.6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.71	− 1 50.8	1.619	2.501	13.4	19.4
4 11	14 59.23	− 0 41.5	1.553	2.492	10.2	19.2
4 21	14 52.67	+ 0 24.6	1.511	2.483	7.5	19.0
5 1	14 44.83	+ 1 20.0	1.493	2.475	6.7	18.9
5 11	14 36.75	+ 1 58.0	1.500	2.467	8.7	19.0
5 21	14 29.45	+ 2 14.5	1.531	2.460	11.9	19.2
5 31	14 23.81	+ 2 8.0	1.584	2.453	15.3	19.4
6 10	14 20.44	+ 1 39.6	1.655	2.446	18.2	19.6

391706 2008 CF_2 5 3.4 58°.72 6°.3/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.52	−33 34.6	2.153	2.945	13.9	20.7
4 11	15 4.08	−34 28.2	2.082	2.955	11.4	20.5
4 21	14 55.44	−35 4.8	2.034	2.966	8.8	20.4
5 1	14 45.39	−35 21.9	2.012	2.977	6.8	20.3
5 11	14 35.03	−35 19.4	2.015	2.987	6.4	20.3
5 21	14 25.47	−35 0.3	2.046	2.998	7.9	20.4
5 31	14 17.66	−34 29.7	2.102	3.009	10.3	20.6
6 10	14 12.24	−33 54.1	2.180	3.021	12.7	20.7

94376 2001 SW_{54} 5 3.4 97°.62 0°.4/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.75	−16 56.5	1.408	2.273	16.0	18.5
4 11	15 6.03	−17 3.9	1.350	2.286	11.7	18.3
4 21	14 56.63	−17 2.1	1.314	2.297	6.8	18.0
5 1	14 45.62	−16 52.4	1.303	2.309	1.5	17.7
5 11	14 34.44	−16 38.5	1.318	2.321	3.9	17.9
5 21	14 24.47	−16 24.9	1.359	2.332	9.0	18.2
5 31	14 16.80	−16 16.3	1.423	2.343	13.4	18.5
6 10	14 12.07	−16 16.5	1.508	2.354	17.1	18.8

8258 1982 RW_1 5 3.4 245°.97 1°.8/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.76	−21 11.5	1.742	2.591	14.3	18.5
4 11	15 4.59	−21 14.2	1.652	2.576	10.7	18.2
4 21	14 55.91	−21 4.7	1.584	2.561	6.6	17.9
5 1	14 45.52	−20 43.3	1.542	2.546	2.5	17.6
5 11	14 34.60	−20 12.6	1.527	2.530	3.7	17.7
5 21	14 24.40	−19 37.4	1.540	2.513	8.1	17.9
5 31	14 16.05	−19 3.3	1.577	2.496	12.4	18.1
6 10	14 10.29	−18 36.0	1.636	2.478	16.2	18.3

375840 2009 UR_{136} 5 3.4 199°.58 1°.7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.72	−14 19.8	2.155	3.016	11.4	21.4
4 11	15 0.25	−13 16.1	2.077	3.013	8.2	21.2
4 21	14 53.09	−12 4.6	2.024	3.009	4.6	20.9
5 1	14 44.92	−10 49.6	2.000	3.005	1.7	20.7
5 11	14 36.59	− 9 36.7	2.005	3.001	4.0	20.9
5 21	14 28.93	− 8 31.2	2.038	2.995	7.6	21.1
5 31	14 22.67	− 7 37.8	2.097	2.990	11.0	21.3
6 10	14 18.28	− 6 59.1	2.178	2.983	13.9	21.5

131047 2000 YB_{35} 5 3.4 77°.29 7°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.41	+ 3 11.1	1.877	2.742	12.7	19.5
4 11	15 1.28	+ 4 24.6	1.849	2.771	10.0	19.4
4 21	14 53.52	+ 5 28.2	1.846	2.801	7.9	19.3
5 1	14 44.98	+ 6 15.5	1.868	2.830	7.5	19.4
5 11	14 36.58	+ 6 42.5	1.917	2.859	8.9	19.5
5 21	14 29.16	+ 6 47.6	1.991	2.887	11.2	19.7
5 31	14 23.35	+ 6 31.6	2.086	2.915	13.6	19.9
6 10	14 19.53	+ 5 57.3	2.201	2.943	15.6	20.1

297640 2001 TZ_{154} 5 3.4 181°.20 2°.5/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.73	− 8 7.2	2.470	3.331	10.1	20.5
4 11	15 0.06	− 7 46.0	2.397	3.332	7.3	20.3
4 21	14 52.91	− 7 24.4	2.350	3.332	4.4	20.2
5 1	14 44.89	− 7 5.0	2.332	3.332	2.5	20.0
5 11	14 36.73	− 6 50.8	2.343	3.332	4.2	20.1
5 21	14 29.14	− 6 44.2	2.382	3.331	7.1	20.3
5 31	14 22.74	− 6 47.0	2.446	3.330	10.0	20.5
6 10	14 18.00	− 6 59.9	2.534	3.329	12.5	20.7

267369 2001 XX_{94} 5 3.4 115°.92 2°.7/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.39	−25 26.6	1.948	2.782	13.6	20.9
4 11	15 2.35	−25 10.6	1.881	2.795	10.3	20.7
4 21	14 54.33	−24 39.4	1.838	2.808	6.6	20.5
5 1	14 45.17	−23 54.2	1.822	2.821	3.3	20.3
5 11	14 35.93	−22 58.9	1.833	2.833	3.5	20.3
5 21	14 27.59	−21 59.0	1.872	2.845	6.9	20.5
5 31	14 20.99	−21 0.7	1.936	2.857	10.4	20.8
6 10	14 16.64	−20 9.3	2.024	2.868	13.4	21.0

413367 2004 BG_{140} 5 3.4 107°.36 2°.2/ 4.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.55	−23 25.9	1.697	2.543	14.7	22.2
4 11	15 3.40	−23 12.7	1.635	2.557	11.0	22.0
4 21	14 55.01	−22 44.5	1.595	2.570	6.9	21.8
5 1	14 45.31	−22 2.7	1.581	2.583	2.9	21.6
5 11	14 35.52	−21 11.6	1.594	2.596	3.6	21.6
5 21	14 26.77	−20 17.3	1.633	2.608	7.6	21.9
5 31	14 19.97	−19 26.1	1.698	2.620	11.5	22.1
6 10	14 15.67	−18 43.5	1.785	2.631	14.8	22.4

233959 2009 YX_{21} 5 3.4 180°.62 1°.6/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.41	−22 21.8	2.295	3.132	11.7	22.0
4 11	15 1.48	−22 7.5	2.214	3.133	8.7	21.8
4 21	14 53.81	−21 42.2	2.159	3.134	5.4	21.6
5 1	14 45.09	−21 6.9	2.131	3.134	2.1	21.4
5 11	14 36.18	−20 24.8	2.131	3.133	2.9	21.4
5 21	14 27.94	−19 39.9	2.161	3.132	6.3	21.6
5 31	14 21.12	−18 56.8	2.217	3.131	9.6	21.8
6 10	14 16.22	−18 19.7	2.296	3.129	12.4	22.0

46456 4140 P–L 5 3.4 200°.03 3°.9/29.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.65	− 7 37.0	2.116	2.984	11.3	18.9
4 11	15 0.20	− 6 20.0	2.044	2.981	8.2	18.7
4 21	14 53.07	− 5 0.2	1.997	2.977	5.3	18.5
5 1	14 44.94	− 3 43.4	1.979	2.973	3.9	18.4
5 11	14 36.65	− 2 35.5	1.989	2.968	5.9	18.5
5 21	14 29.03	− 1 41.5	2.027	2.962	9.0	18.7
5 31	14 22.78	− 1 4.4	2.089	2.956	12.1	18.9
6 10	14 18.41	− 0 45.5	2.172	2.950	14.8	19.1

276645 2003 UH_{243} 5 3.4 238°.13 0°.4/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.90	−19 44.0	1.746	2.603	13.9	21.1
4 11	15 2.35	−19 7.3	1.661	2.592	10.2	20.8
4 21	14 54.53	−18 17.2	1.599	2.582	6.0	20.5
5 1	14 45.26	−17 16.1	1.564	2.570	1.4	20.2
5 11	14 35.64	−16 9.5	1.556	2.558	3.5	20.3
5 21	14 26.80	−15 3.8	1.575	2.546	8.1	20.6
5 31	14 19.73	−14 5.6	1.618	2.533	12.4	20.8
6 10	14 15.08	−13 20.2	1.683	2.520	16.0	21.0

92330 2000 GY_{66} 5 3.4 348°.88 3°.0/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.62	−19 42.7	0.980	1.870	19.3	18.5
4 11	15 2.80	−20 29.9	0.915	1.861	14.6	18.2
4 21	14 55.41	−21 5.1	0.869	1.853	9.1	17.8
5 1	14 45.49	−21 26.6	0.842	1.847	3.8	17.5
5 11	14 34.85	−21 35.5	0.838	1.842	5.2	17.6
5 21	14 25.40	−21 36.2	0.855	1.838	11.0	17.9
5 31	14 18.81	−21 35.2	0.891	1.836	16.5	18.2
6 10	14 16.04	−21 39.4	0.944	1.836	21.2	18.4

214053 2004 FR_{33} 5 3.4 87°.70 0°.6/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.63	−20 23.0	2.184	3.032	11.8	20.6
4 11	15 0.05	−19 45.7	2.127	3.053	8.6	20.5
4 21	14 52.89	−18 58.1	2.094	3.074	5.0	20.3
5 1	14 44.89	−18 3.1	2.089	3.095	1.3	20.0
5 11	14 36.89	−17 5.1	2.113	3.115	2.7	20.2
5 21	14 29.70	−16 8.8	2.165	3.135	6.3	20.4
5 31	14 23.95	−15 18.7	2.243	3.155	9.5	20.7
6 10	14 20.08	−14 38.4	2.344	3.175	12.3	20.9

512984 2017 UM_{15} 5 3.4 130°.20 3°.2/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.91	− 7 20.4	2.555	3.419	9.7	21.8
4 11	14 58.61	− 6 21.5	2.497	3.432	7.0	21.7
4 21	14 52.02	− 5 21.9	2.465	3.445	4.4	21.5
5 1	14 44.72	− 4 25.8	2.463	3.457	3.2	21.5
5 11	14 37.39	− 3 37.1	2.489	3.469	4.8	21.6
5 21	14 30.67	− 2 59.2	2.543	3.480	7.4	21.8
5 31	14 25.09	− 2 34.2	2.623	3.491	9.9	22.0
6 10	14 21.05	− 2 22.7	2.725	3.501	12.2	22.1

295593 2008 SB_{139} 5 3.4 259°.94 3°.2/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.92	−11 17.0	1.476	2.352	14.8	21.2
4 11	15 3.44	−10 23.4	1.392	2.335	10.8	20.9
4 21	14 55.33	− 9 22.2	1.331	2.317	6.4	20.6
5 1	14 45.45	− 8 18.9	1.295	2.298	3.2	20.4
5 11	14 35.05	− 7 20.8	1.286	2.279	6.1	20.5
5 21	14 25.44	− 6 35.0	1.301	2.260	10.9	20.7
5 31	14 17.80	− 6 6.8	1.339	2.240	15.5	20.9
6 10	14 12.91	− 5 58.8	1.396	2.219	19.4	21.1

219624 2001 TS_{201} 5 3.4 260°.62 4°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.38	− 7 3.1	1.768	2.642	12.9	20.7
4 11	15 1.85	− 6 24.3	1.691	2.630	9.5	20.5
4 21	14 54.20	− 5 44.6	1.637	2.619	5.9	20.2
5 1	14 45.20	− 5 8.8	1.609	2.607	4.0	20.1
5 11	14 35.87	− 4 42.1	1.609	2.595	6.1	20.2
5 21	14 27.26	− 4 28.4	1.634	2.583	9.8	20.4
5 31	14 20.29	− 4 30.3	1.683	2.570	13.5	20.6
6 10	14 15.58	− 4 48.3	1.752	2.558	16.8	20.8

505244 2012 UU_{96} 5 3.4 74°.53 1°.3/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.86	−19 36.6	2.111	2.957	12.2	21.1
4 11	15 2.51	−19 50.6	2.052	2.976	9.0	20.9
4 21	14 54.36	−19 56.1	2.018	2.996	5.4	20.7
5 1	14 45.20	−19 53.8	2.011	3.015	1.9	20.5
5 11	14 35.96	−19 45.9	2.032	3.035	2.9	20.7
5 21	14 27.53	−19 35.3	2.082	3.054	6.5	20.9
5 31	14 20.67	−19 25.5	2.158	3.073	9.7	21.1
6 10	14 15.85	−19 19.7	2.257	3.092	12.5	21.4

290926 2005 WT_{127} 5 3.4 354°.68 0°.4/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.39	−19 3.1	1.425	2.299	15.4	20.3
4 11	15 0.09	−18 37.0	1.356	2.296	11.3	20.1
4 21	14 53.33	−17 57.4	1.308	2.293	6.6	19.8
5 1	14 45.03	−17 7.4	1.285	2.291	1.5	19.4
5 11	14 36.45	−16 12.9	1.287	2.290	3.8	19.6
5 21	14 28.82	−15 20.6	1.313	2.289	8.8	19.9
5 31	14 23.20	−14 37.1	1.363	2.290	13.4	20.1
6 10	14 20.23	−14 7.3	1.432	2.290	17.2	20.4

64255 2001 TQ_{170} 5 3.4 13°.14 4°.7/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.56	−27 52.7	1.176	2.035	19.0	19.2
4 11	15 2.22	−27 47.6	1.112	2.036	14.8	18.9
4 21	14 54.76	−27 17.0	1.067	2.038	10.1	18.6
5 1	14 45.33	−26 20.9	1.044	2.041	5.7	18.4
5 11	14 35.57	−25 4.9	1.044	2.044	5.5	18.4
5 21	14 27.13	−23 38.5	1.067	2.048	9.7	18.6
5 31	14 21.28	−22 13.4	1.112	2.052	14.4	18.9
6 10	14 18.74	−20 59.6	1.176	2.057	18.7	19.2

343525 2010 EZ_{132} 5 3.4 94°.93 1°.1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.18	−15 36.2	2.016	2.881	11.9	20.8
4 11	14 59.20	−14 42.4	1.949	2.887	8.6	20.6
4 21	14 52.51	−13 40.4	1.907	2.893	4.8	20.4
5 1	14 44.84	−12 34.4	1.892	2.899	1.3	20.2
5 11	14 37.08	−11 29.9	1.906	2.904	3.7	20.4
5 21	14 30.07	−10 31.9	1.947	2.910	7.5	20.6
5 31	14 24.51	− 9 45.0	2.013	2.916	10.9	20.8
6 10	14 20.88	− 9 11.9	2.101	2.922	13.8	21.0

502811 2015 DO_{117} 5 3.4 95°.34 1°.7/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.52	−13 43.6	1.914	2.781	12.3	21.2
4 11	15 0.17	−12 52.8	1.854	2.793	8.8	21.0
4 21	14 53.06	−11 55.7	1.819	2.805	5.0	20.8
5 1	14 44.95	−10 56.7	1.812	2.817	1.8	20.6
5 11	14 36.79	−10 1.1	1.832	2.828	4.1	20.7
5 21	14 29.45	− 9 13.8	1.879	2.840	7.9	21.0
5 31	14 23.67	− 8 38.6	1.951	2.851	11.4	21.2
6 10	14 19.92	− 8 17.6	2.044	2.862	14.3	21.4

136704 1995 *TW* 5 3.4 173°.63 3°.0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.14	−30 5.5	2.707	3.511	11.0	20.7
4 11	14 59.65	−29 28.2	2.621	3.513	8.6	20.5
4 21	14 52.68	−28 35.5	2.560	3.515	6.0	20.3
5 1	14 44.88	−27 28.6	2.526	3.516	3.6	20.2
5 11	14 37.00	−26 10.9	2.522	3.517	3.3	20.2
5 21	14 29.77	−24 46.9	2.547	3.518	5.5	20.3
5 31	14 23.80	−23 22.3	2.601	3.518	8.2	20.5
6 10	14 19.53	−22 2.5	2.680	3.518	10.7	20.6

463872 2014 UN_{42} 5 3.4 229°.38 0°.5/ 3.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.70	−16 15.1	1.918	2.774	12.8	22.1
4 11	15 3.51	−15 46.8	1.829	2.761	9.4	21.8
4 21	14 55.16	−15 9.5	1.764	2.747	5.4	21.6
5 1	14 45.41	−14 25.8	1.726	2.733	1.1	21.2
5 11	14 35.28	−13 40.1	1.717	2.718	3.6	21.4
5 21	14 25.83	−12 57.2	1.736	2.702	8.0	21.6
5 31	14 18.00	−12 22.2	1.780	2.685	12.0	21.8
6 10	14 12.44	−11 58.8	1.845	2.667	15.4	22.0

50623 2000 EC_{65} 5 3.4 210°.86 0°.4/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.66	−18 39.6	2.301	3.151	11.2	19.4
4 11	15 0.22	−18 20.1	2.219	3.147	8.2	19.2
4 21	14 53.12	−17 52.1	2.162	3.143	4.8	19.0
5 1	14 44.98	−17 17.3	2.132	3.138	1.1	18.7
5 11	14 36.65	−16 39.1	2.131	3.134	2.8	18.8
5 21	14 28.91	−16 1.2	2.159	3.128	6.4	19.0
5 31	14 22.50	−15 27.8	2.212	3.123	9.7	19.2
6 10	14 17.92	−15 2.1	2.289	3.118	12.6	19.4

284109 2005 SE_{265} 5 3.4 131°.32 0°.5/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.28	−17 41.8	1.374	2.245	16.0	21.1
4 11	15 3.59	−16 56.7	1.311	2.250	11.7	20.9
4 21	14 55.29	−15 58.1	1.270	2.256	6.6	20.6
5 1	14 45.43	−14 50.8	1.254	2.261	1.3	20.2
5 11	14 35.39	−13 42.0	1.264	2.266	4.3	20.5
5 21	14 26.50	−12 39.4	1.299	2.270	9.5	20.8
5 31	14 19.84	−11 49.9	1.357	2.275	14.1	21.1
6 10	14 16.00	−11 17.7	1.435	2.279	18.0	21.3

501754 2014 UE_{148} 5 3.4 87°.76 0°.2/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.29	−18 19.3	1.571	2.437	14.6	21.1
4 11	15 1.82	−17 33.7	1.511	2.448	10.6	20.9
4 21	14 54.14	−16 35.9	1.474	2.459	6.0	20.7
5 1	14 45.18	−15 30.1	1.463	2.470	1.2	20.4
5 11	14 36.16	−14 22.8	1.479	2.481	3.8	20.6
5 21	14 28.17	−13 20.8	1.521	2.492	8.4	20.9
5 31	14 22.11	−12 30.1	1.587	2.503	12.5	21.1
6 10	14 18.52	−11 54.5	1.674	2.513	16.0	21.4

306775 2001 DP_{72} 5 3.4 112°.35 1°.0/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.38	−15 18.5	1.660	2.526	14.0	21.2
4 11	15 3.19	−14 43.4	1.603	2.540	10.1	21.0
4 21	14 54.86	−14 0.1	1.569	2.554	5.7	20.8
5 1	14 45.33	−13 12.5	1.561	2.568	1.3	20.5
5 11	14 35.73	−12 26.0	1.581	2.581	4.0	20.7
5 21	14 27.16	−11 45.8	1.627	2.594	8.4	21.0
5 31	14 20.48	−11 16.4	1.698	2.606	12.3	21.3
6 10	14 16.21	−11 0.4	1.789	2.618	15.6	21.5

323441 2004 *HT* 5 3.5 67°.41 2°.8/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.89	−20 52.1	0.972	1.860	19.7	19.7
4 11	15 2.40	−17 53.9	0.917	1.866	14.1	19.4
4 21	14 54.75	−14 23.9	0.883	1.873	7.8	19.0
5 1	14 45.31	−10 38.6	0.874	1.880	2.8	18.8
5 11	14 35.90	− 7 1.8	0.891	1.887	7.4	19.1
5 21	14 28.08	− 3 54.9	0.932	1.894	13.6	19.4
5 31	14 23.01	− 1 31.1	0.994	1.901	18.9	19.7
6 10	14 21.22	+ 0 6.3	1.072	1.908	23.2	20.1

433638 2014 AG_{18} 5 3.5 296°.63 1°.1/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.56	−14 2.7	1.974	2.839	12.1	21.1
4 11	15 0.33	−13 40.4	1.899	2.837	8.7	20.9
4 21	14 53.25	−13 12.4	1.849	2.835	5.0	20.6
5 1	14 45.03	−12 41.4	1.826	2.832	1.3	20.3
5 11	14 36.60	−12 11.4	1.831	2.830	3.7	20.5
5 21	14 28.87	−11 46.2	1.862	2.828	7.6	20.8
5 31	14 22.62	−11 29.4	1.919	2.826	11.2	21.0
6 10	14 18.40	−11 23.2	1.997	2.824	14.3	21.2

224381 2005 UW_{193} 5 3.5 56°.97 0°.4/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.12	−15 40.8	1.580	2.449	14.4	20.8
4 11	15 2.47	−15 30.6	1.519	2.458	10.4	20.5
4 21	14 54.56	−15 12.6	1.481	2.466	5.9	20.3
5 1	14 45.29	−14 49.5	1.468	2.475	1.2	20.0
5 11	14 35.87	−14 25.3	1.482	2.484	3.8	20.2
5 21	14 27.42	−14 4.5	1.521	2.493	8.4	20.5
5 31	14 20.90	−13 51.4	1.585	2.502	12.5	20.7
6 10	14 16.88	−13 48.7	1.669	2.511	15.9	21.0

308506 2005 TL_{193} 5 3.5 199°.25 2°.4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.05	− 7 23.3	2.952	3.809	8.8	21.4
4 11	14 59.41	− 7 4.3	2.874	3.806	6.4	21.2
4 21	14 52.52	− 6 45.3	2.822	3.802	3.9	21.0
5 1	14 44.88	− 6 28.5	2.799	3.797	2.4	20.9
5 11	14 37.11	− 6 16.6	2.806	3.792	3.8	21.0
5 21	14 29.78	− 6 11.2	2.842	3.787	6.3	21.1
5 31	14 23.44	− 6 14.1	2.905	3.782	8.8	21.3
6 10	14 18.49	− 6 25.9	2.991	3.775	11.0	21.5

185489 2007 FK_{33} 5 3.5 116°.85 0°.4/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.60	−14 43.2	4.318	5.169	6.3	20.8
4 11	14 53.80	−14 22.7	4.239	5.170	4.5	20.7
4 21	14 49.23	−13 59.3	4.188	5.171	2.5	20.6
5 1	14 44.22	−13 34.3	4.166	5.172	0.6	20.4
5 11	14 39.14	−13 9.5	4.174	5.173	1.8	20.5
5 21	14 34.35	−12 46.7	4.212	5.174	3.8	20.6
5 31	14 30.18	−12 27.3	4.277	5.175	5.7	20.8
6 10	14 26.89	−12 12.7	4.367	5.176	7.4	20.9

507809 2014 DB_{14} 5 3.5 38°.74 6°.0/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.99	−30 59.4	1.986	2.794	14.3	20.3
4 11	15 4.60	−31 59.2	1.915	2.802	11.6	20.2
4 21	14 55.85	−32 43.3	1.867	2.810	8.7	20.0
5 1	14 45.58	−33 8.6	1.843	2.818	6.4	19.9
5 11	14 34.95	−33 15.0	1.847	2.826	6.2	19.9
5 21	14 25.12	−33 5.1	1.877	2.835	8.1	20.0
5 31	14 17.12	−32 44.0	1.931	2.844	10.8	20.2
6 10	14 11.63	−32 18.3	2.008	2.853	13.5	20.4

434105 2002 NZ_1 5 3.5 247°.66 22°.4/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.81	+28 42.6	1.121	1.929	23.1	20.5
4 11	15 6.68	+31 8.9	1.096	1.924	22.5	20.4
4 21	14 57.24	+32 51.9	1.087	1.918	22.5	20.4
5 1	14 45.84	+33 37.9	1.093	1.913	23.3	20.4
5 11	14 34.35	+33 21.2	1.112	1.907	24.7	20.5
5 21	14 24.44	+32 5.0	1.143	1.902	26.3	20.6
5 31	14 17.40	+29 57.6	1.186	1.896	27.9	20.7
6 10	14 13.83	+27 11.4	1.238	1.890	29.5	20.8

441998 2010 OK_6 5 3.5 287°.09 3°.5/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.01	−25 34.1	2.363	3.185	11.9	20.5
4 11	15 2.98	−26 9.8	2.258	3.162	9.3	20.3
4 21	14 54.91	−26 35.4	2.177	3.139	6.4	20.1
5 1	14 45.42	−26 49.5	2.123	3.116	3.9	19.9
5 11	14 35.38	−26 52.2	2.098	3.092	4.0	19.8
5 21	14 25.76	−26 45.5	2.101	3.068	6.7	20.0
5 31	14 17.46	−26 32.9	2.131	3.045	9.9	20.1
6 10	14 11.18	−26 19.0	2.183	3.021	12.8	20.3

16292 4557 *P–L* 5 3.5 284°.14 1°.8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.12	−14 25.1	1.456	2.331	15.0	19.4
4 11	15 3.09	−13 41.9	1.361	2.304	11.1	19.1
4 21	14 55.29	−12 47.3	1.289	2.275	6.4	18.7
5 1	14 45.52	−11 45.6	1.241	2.247	2.0	18.4
5 11	14 35.03	−10 43.4	1.219	2.218	5.2	18.5
5 21	14 25.20	− 9 48.2	1.222	2.188	10.5	18.7
5 31	14 17.32	− 9 7.2	1.247	2.159	15.6	18.9
6 10	14 12.28	− 8 44.8	1.291	2.129	19.9	19.1

211839 2004 FA_{21} 5 3.5 328°.99 3°.2/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.87	−25 49.3	2.025	2.860	13.1	19.8
4 11	15 0.71	−25 56.1	1.944	2.857	10.1	19.6
4 21	14 53.55	−25 49.0	1.886	2.853	6.8	19.4
5 1	14 45.12	−25 28.1	1.854	2.850	3.8	19.2
5 11	14 36.41	−24 55.6	1.849	2.847	3.9	19.2
5 21	14 28.40	−24 15.7	1.870	2.844	6.9	19.3
5 31	14 21.96	−23 33.6	1.917	2.841	10.3	19.5
6 10	14 17.69	−22 54.8	1.987	2.838	13.4	19.7

58807 1998 FN_{127} 5 3.5 145°.40 2°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.03	−10 57.6	2.034	2.899	11.8	19.6
4 11	15 1.23	−10 20.0	1.969	2.906	8.5	19.4
4 21	14 53.69	− 9 38.8	1.929	2.913	4.9	19.2
5 1	14 45.13	− 8 58.0	1.916	2.919	2.3	19.0
5 11	14 36.45	− 8 21.9	1.932	2.925	4.4	19.1
5 21	14 28.54	− 7 54.1	1.975	2.931	7.9	19.4
5 31	14 22.11	− 7 37.7	2.043	2.936	11.3	19.6
6 10	14 17.66	− 7 34.2	2.133	2.940	14.1	19.8

196628 2003 RV_{16} 5 3.5 160°.12 3°.7/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.00	−29 8.6	2.340	3.151	12.3	21.1
4 11	15 1.98	−29 8.7	2.261	3.156	9.7	20.9
4 21	14 54.15	−28 53.9	2.205	3.161	6.8	20.7
5 1	14 45.24	−28 24.0	2.177	3.165	4.3	20.6
5 11	14 36.14	−27 41.3	2.176	3.169	4.1	20.6
5 21	14 27.77	−26 49.9	2.203	3.172	6.4	20.7
5 31	14 20.88	−25 55.0	2.258	3.175	9.3	20.9
6 10	14 16.01	−25 2.2	2.335	3.177	12.0	21.1

384537 2010 DU_{77} 5 3.5 90°.49 7°.4/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.44	+ 4 45.7	1.979	2.838	12.4	20.4
4 11	15 1.46	+ 5 29.7	1.930	2.847	9.9	20.2
4 21	14 53.78	+ 6 3.5	1.904	2.857	7.9	20.1
5 1	14 45.15	+ 6 21.9	1.905	2.866	7.4	20.1
5 11	14 36.48	+ 6 21.5	1.932	2.875	8.8	20.2
5 21	14 28.63	+ 6 1.0	1.984	2.885	11.1	20.4
5 31	14 22.31	+ 5 21.4	2.059	2.894	13.5	20.6
6 10	14 17.96	+ 4 25.1	2.153	2.903	15.7	20.7

182812 2002 AL_{141} 5 3.5 218°.24 6°.7/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.01	+ 6 41.1	2.628	3.477	10.0	20.5
4 11	14 58.77	+ 7 38.6	2.564	3.471	8.2	20.3
4 21	14 52.20	+ 8 28.0	2.526	3.465	7.0	20.2
5 1	14 44.84	+ 9 4.5	2.515	3.458	6.9	20.2
5 11	14 37.36	+ 9 24.6	2.530	3.451	8.1	20.3
5 21	14 30.39	+ 9 26.6	2.571	3.443	9.9	20.4
5 31	14 24.51	+ 9 10.2	2.634	3.435	11.9	20.5
6 10	14 20.14	+ 8 37.0	2.718	3.427	13.7	20.6

217919 2001 SH_{316} 5 3.5 207°.87 4°.6/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.26	−32 4.2	2.504	3.295	12.2	20.8
4 11	15 3.68	−32 10.4	2.409	3.287	9.8	20.6
4 21	14 55.18	−32 0.6	2.337	3.279	7.3	20.5
5 1	14 45.46	−31 33.8	2.292	3.270	5.1	20.3
5 11	14 35.44	−30 51.4	2.276	3.260	4.7	20.3
5 21	14 26.06	−29 57.0	2.288	3.250	6.6	20.4
5 31	14 18.14	−28 55.9	2.327	3.238	9.3	20.5
6 10	14 12.26	−27 54.3	2.390	3.226	11.9	20.7

252822 2002 GF_{66} 5 3.5 303°.44 1°.7/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.93	−14 29.6	1.344	2.226	15.6	20.3
4 11	15 1.56	−13 52.5	1.259	2.205	11.4	20.0
4 21	14 54.42	−13 4.6	1.196	2.183	6.6	19.7
5 1	14 45.36	−12 10.2	1.156	2.162	1.9	19.3
5 11	14 35.68	−11 16.1	1.141	2.141	5.2	19.5
5 21	14 26.79	−10 29.7	1.151	2.121	10.6	19.7
5 31	14 19.96	− 9 57.6	1.182	2.101	15.6	19.9
6 10	14 16.05	− 9 43.9	1.231	2.081	19.9	20.1

417488 2006 RA_{84} 5 3.5 253°.54 0°.3/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.66	−18 23.7	1.793	2.650	13.5	22.0
4 11	15 2.97	−18 1.9	1.701	2.633	10.0	21.7
4 21	14 54.98	−17 29.0	1.634	2.616	5.8	21.4
5 1	14 45.45	−16 47.0	1.592	2.599	1.3	21.1
5 11	14 35.47	−16 0.0	1.579	2.581	3.5	21.2
5 21	14 26.17	−15 13.5	1.592	2.563	8.1	21.4
5 31	14 18.57	−14 33.2	1.630	2.544	12.4	21.6
6 10	14 13.38	−14 3.7	1.689	2.524	16.1	21.8

1104 Syringa 5 3.5 169°.99 2°.6/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.81	− 8 38.5	2.654	3.511	9.7	17.8
4 11	15 0.74	− 7 56.6	2.584	3.516	7.0	17.6
4 21	14 53.29	− 7 13.1	2.540	3.521	4.2	17.4
5 1	14 45.07	− 6 31.4	2.526	3.525	2.6	17.3
5 11	14 36.75	− 5 55.0	2.542	3.528	4.2	17.4
5 21	14 29.00	− 5 26.7	2.587	3.530	6.9	17.6
5 31	14 22.41	− 5 8.9	2.658	3.532	9.6	17.8
6 10	14 17.40	− 5 2.5	2.752	3.532	11.9	18.0

199056 2005 WQ_{204} 5 3.5 92°.22 2°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.11	−22 29.2	1.407	2.264	16.6	20.9
4 11	15 4.86	−22 13.6	1.352	2.280	12.3	20.7
4 21	14 55.98	−21 41.5	1.318	2.297	7.5	20.4
5 1	14 45.61	−20 55.0	1.309	2.313	2.8	20.2
5 11	14 35.18	−19 59.5	1.326	2.329	3.9	20.3
5 21	14 26.03	−19 2.1	1.368	2.344	8.6	20.6
5 31	14 19.19	−18 10.5	1.434	2.359	12.9	20.9
6 10	14 15.23	−17 30.2	1.520	2.374	16.6	21.2

212071 2005 ED_{56} 5 3.5 307°.74 0°.7/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.81	−16 17.2	1.347	2.227	15.7	20.7
4 11	15 1.47	−15 49.1	1.263	2.207	11.6	20.4
4 21	14 54.36	−15 9.1	1.201	2.188	6.7	20.1
5 1	14 45.35	−14 20.5	1.163	2.170	1.4	19.7
5 11	14 35.76	−13 29.4	1.149	2.151	4.6	19.9
5 21	14 26.98	−12 43.0	1.160	2.134	10.1	20.1
5 31	14 20.29	−12 8.1	1.192	2.116	15.1	20.3
6 10	14 16.51	−11 49.5	1.243	2.100	19.4	20.6

452678 2005 XC_{16} 5 3.5 111°.54 3°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.93	− 8 47.5	1.420	2.295	15.3	21.1
4 11	15 5.31	− 8 18.9	1.366	2.307	11.1	20.9
4 21	14 56.21	− 7 48.8	1.335	2.319	6.6	20.7
5 1	14 45.66	− 7 22.2	1.328	2.330	3.6	20.5
5 11	14 35.02	− 7 4.1	1.348	2.341	6.0	20.7
5 21	14 25.56	− 6 58.4	1.393	2.351	10.4	20.9
5 31	14 18.27	− 7 7.4	1.462	2.361	14.4	21.2
6 10	14 13.74	− 7 31.3	1.549	2.371	17.9	21.5

472425 2015 BE_{277} 5 3.5 188°.32 5°.3/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.03	− 1 55.7	2.200	3.065	11.1	21.3
4 11	15 0.42	− 0 50.6	2.134	3.064	8.4	21.2
4 21	14 53.22	+ 0 11.7	2.094	3.063	6.0	21.0
5 1	14 45.07	+ 1 5.8	2.082	3.061	5.3	21.0
5 11	14 36.79	+ 1 47.0	2.097	3.059	7.0	21.1
5 21	14 29.16	+ 2 11.9	2.139	3.057	9.6	21.2
5 31	14 22.85	+ 2 19.1	2.205	3.053	12.3	21.4
6 10	14 18.35	+ 2 8.9	2.291	3.050	14.7	21.5

82082 2001 BD_{51} 5 3.5 146°.05 17°.5/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.23	+17 47.1	1.198	2.047	19.4	19.6
4 11	15 4.39	+20 47.6	1.175	2.053	17.9	19.5
4 21	14 55.76	+23 16.6	1.173	2.060	17.5	19.5
5 1	14 45.58	+24 59.7	1.190	2.065	18.3	19.6
5 11	14 35.38	+25 49.2	1.226	2.070	20.0	19.7
5 21	14 26.57	+25 46.2	1.278	2.075	22.1	19.9
5 31	14 20.23	+24 56.8	1.342	2.079	24.1	20.1
6 10	14 16.89	+23 30.7	1.418	2.082	25.8	20.2

475053 2005 UV_{101} 5 3.5 272°.02 1°.6/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.87	−13 16.4	2.402	3.265	10.3	21.6
4 11	14 58.19	−12 27.9	2.313	3.250	7.4	21.4
4 21	14 51.99	−11 33.3	2.249	3.234	4.2	21.2
5 1	14 44.84	−10 36.2	2.213	3.218	1.6	21.0
5 11	14 37.45	− 9 40.7	2.206	3.202	3.7	21.1
5 21	14 30.57	− 8 51.3	2.227	3.185	7.0	21.3
5 31	14 24.84	− 8 11.6	2.274	3.169	10.2	21.4
6 10	14 20.77	− 7 44.2	2.344	3.153	13.0	21.6

33993 2000 OS 5 3.5 248°.25 6°.3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.74	− 0 1.1	1.996	2.863	12.0	18.6
4 11	15 1.20	+ 1 1.0	1.920	2.849	9.3	18.4
4 21	14 53.80	+ 1 59.1	1.868	2.834	7.0	18.2
5 1	14 45.22	+ 2 47.1	1.843	2.819	6.4	18.2
5 11	14 36.36	+ 3 19.5	1.845	2.803	8.1	18.2
5 21	14 28.13	+ 3 32.9	1.873	2.787	10.9	18.4
5 31	14 21.33	+ 3 26.0	1.923	2.771	13.8	18.5
6 10	14 16.53	+ 2 59.6	1.993	2.754	16.5	18.7

226748 2004 RN_{26} 5 3.5 143°.09 2°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.98	−11 46.4	2.066	2.930	11.7	21.0
4 11	15 1.19	−11 9.3	2.001	2.938	8.4	20.8
4 21	14 53.68	−10 28.0	1.961	2.946	4.8	20.6
5 1	14 45.17	− 9 46.3	1.949	2.953	2.0	20.4
5 11	14 36.56	− 9 8.5	1.964	2.959	4.2	20.6
5 21	14 28.70	− 8 38.3	2.008	2.965	7.7	20.8
5 31	14 22.30	− 8 18.9	2.077	2.971	11.0	21.0
6 10	14 17.86	− 8 11.8	2.167	2.976	13.9	21.2

431760 2008 HE 5 3.5 206°.16 0°.4/ 3.0 15 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.79	−16 25.8	3.560	4.384	8.2	24.6
4 11	15 4.81	−15 47.9	3.458	4.374	6.0	24.5
4 21	14 55.57	−15 3.6	3.385	4.364	3.4	24.3
5 1	14 45.56	−14 14.9	3.345	4.351	0.7	24.0
5 11	14 35.40	−13 24.4	3.339	4.337	2.3	24.2
5 21	14 25.67	−12 35.1	3.367	4.322	5.0	24.3
5 31	14 16.92	−11 50.1	3.426	4.305	7.5	24.5
6 10	14 9.55	−11 11.8	3.511	4.286	9.7	24.6

496576 2015 AB_{224} 5 3.5 181°.80 4°.4/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.09	− 6 6.0	2.045	2.914	11.6	22.0
4 11	15 0.57	− 4 52.7	1.979	2.915	8.5	21.8
4 21	14 53.35	− 3 38.4	1.938	2.916	5.6	21.6
5 1	14 45.12	− 2 29.0	1.925	2.916	4.4	21.5
5 11	14 36.76	− 1 30.3	1.940	2.915	6.3	21.6
5 21	14 29.11	− 0 46.7	1.981	2.914	9.4	21.8
5 31	14 22.89	− 0 20.8	2.047	2.912	12.4	22.0
6 10	14 18.59	− 0 13.0	2.133	2.910	15.1	22.2

470028 2006 SB_{4} 5 3.5 227°.12 1°.2/ 4.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.78	−22 12.2	2.659	3.494	10.3	22.1
4 11	14 59.49	−21 43.8	2.565	3.484	7.7	21.9
4 21	14 52.70	−21 4.8	2.497	3.473	4.7	21.7
5 1	14 45.00	−20 17.0	2.458	3.461	1.7	21.5
5 11	14 37.09	−19 23.3	2.447	3.450	2.5	21.5
5 21	14 29.70	−18 27.7	2.466	3.437	5.6	21.7
5 31	14 23.46	−17 34.5	2.513	3.425	8.7	21.9
6 10	14 18.85	−16 47.6	2.583	3.412	11.3	22.0

385613 2005 GP_{91} 5 3.5 260°.99 3°.2/ 5.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.82	−26 15.2	2.326	3.149	12.0	20.9
4 11	15 2.07	−26 26.8	2.226	3.131	9.3	20.6
4 21	14 54.36	−26 26.1	2.149	3.112	6.4	20.4
5 1	14 45.36	−26 12.3	2.100	3.094	3.7	20.2
5 11	14 35.94	−25 46.9	2.078	3.074	3.8	20.2
5 21	14 27.03	−25 13.1	2.085	3.055	6.6	20.3
5 31	14 19.49	−24 35.4	2.118	3.035	9.8	20.5
6 10	14 13.96	−23 59.1	2.174	3.015	12.8	20.6

153855 2001 XK_{53} 5 3.5 38°.04 3°.6/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.47	−28 25.2	1.540	2.382	16.2	19.2
4 11	15 0.76	−27 48.1	1.474	2.389	12.5	19.0
4 21	14 53.67	−26 48.3	1.429	2.397	8.3	18.8
5 1	14 45.19	−25 27.7	1.408	2.405	4.5	18.5
5 11	14 36.61	−23 52.7	1.413	2.414	4.3	18.5
5 21	14 29.11	−22 12.1	1.444	2.422	8.0	18.8
5 31	14 23.65	−20 35.6	1.500	2.432	12.0	19.0
6 10	14 20.79	−19 11.2	1.577	2.441	15.6	19.3

319054 2005 WT_{7} 5 3.5 208°.16 3°.0/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.98	−11 1.6	1.646	2.515	13.9	21.6
4 11	15 3.87	−10 9.6	1.571	2.510	10.1	21.3
4 21	14 55.45	− 9 11.8	1.520	2.505	5.9	21.1
5 1	14 45.57	− 8 13.3	1.496	2.498	3.0	20.9
5 11	14 35.40	− 7 20.5	1.499	2.491	5.6	21.0
5 21	14 26.09	− 6 39.3	1.528	2.483	9.8	21.2
5 31	14 18.63	− 6 13.7	1.581	2.475	13.9	21.5
6 10	14 13.66	− 6 5.9	1.654	2.466	17.4	21.7

203311 2001 TZ_{30} 5 3.5 169°.53 3°.2/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.91	−25 46.2	1.790	2.622	14.7	20.9
4 11	15 5.25	−25 41.4	1.715	2.627	11.2	20.7
4 21	14 56.22	−25 20.1	1.662	2.630	7.4	20.4
5 1	14 45.73	−24 42.5	1.635	2.633	3.8	20.2
5 11	14 35.00	−23 51.9	1.636	2.636	4.0	20.2
5 21	14 25.22	−22 54.0	1.664	2.637	7.7	20.5
5 31	14 17.39	−21 55.9	1.718	2.638	11.5	20.7
6 10	14 12.14	−21 4.2	1.794	2.638	14.9	20.9

18903 Matsuura 5 3.5 289°.45 5°.2/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.89	− 6 15.9	1.671	2.551	13.2	17.2
4 11	15 0.26	− 5 0.4	1.587	2.529	9.8	17.0
4 21	14 53.45	− 3 41.6	1.527	2.507	6.5	16.7
5 1	14 45.20	− 2 26.7	1.493	2.486	5.2	16.6
5 11	14 36.54	− 1 23.3	1.486	2.464	7.5	16.7
5 21	14 28.54	− 0 37.6	1.503	2.442	11.3	16.8
5 31	14 22.16	− 0 13.6	1.542	2.420	15.1	17.0
6 10	14 18.08	− 0 12.2	1.600	2.399	18.4	17.2

378351 2007 HF_{97} 5 3.5 209°.92 3°.2/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.28	− 6 56.5	1.973	2.838	12.1	20.8
4 11	15 3.03	− 6 45.0	1.900	2.835	8.9	20.6
4 21	14 54.84	− 6 34.4	1.852	2.833	5.4	20.3
5 1	14 45.46	− 6 27.8	1.831	2.830	3.2	20.2
5 11	14 35.85	− 6 28.4	1.838	2.827	5.1	20.3
5 21	14 26.95	− 6 38.3	1.872	2.824	8.6	20.5
5 31	14 19.60	− 6 59.0	1.932	2.821	12.0	20.7
6 10	14 14.35	− 7 31.0	2.013	2.817	14.9	20.9

199169 2005 YZ_{200} 5 3.5 278°.89 6°.6/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.57	−34 22.6	1.852	2.653	15.5	20.6
4 11	15 3.08	−34 43.4	1.769	2.649	12.7	20.4
4 21	14 55.11	−34 42.9	1.706	2.644	9.8	20.2
5 1	14 45.54	−34 18.8	1.667	2.639	7.3	20.0
5 11	14 35.59	−33 32.3	1.654	2.634	6.7	20.0
5 21	14 26.50	−32 28.1	1.666	2.630	8.5	20.1
5 31	14 19.36	−31 14.0	1.703	2.625	11.5	20.3
6 10	14 14.86	−29 58.7	1.762	2.620	14.5	20.4

504239 2006 UO_{245} 5 3.5 139°.45 0°.5/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.81	−18 36.5	2.543	3.388	10.4	21.9
4 11	15 0.18	−18 27.8	2.470	3.395	7.6	21.8
4 21	14 53.08	−18 12.0	2.422	3.402	4.4	21.6
5 1	14 45.11	−17 50.5	2.403	3.409	1.2	21.3
5 11	14 37.01	−17 25.7	2.413	3.416	2.5	21.5
5 21	14 29.51	−17 0.7	2.452	3.422	5.7	21.7
5 31	14 23.22	−16 38.7	2.518	3.428	8.7	21.9
6 10	14 18.61	−16 22.4	2.607	3.433	11.3	22.1

352054 2006 VT_{155} 5 3.5 232°.15 3°.3/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.12	−28 37.9	2.674	3.483	11.0	21.6
4 11	15 0.57	−28 35.5	2.577	3.472	8.6	21.4
4 21	14 53.39	−28 20.0	2.505	3.461	6.1	21.3
5 1	14 45.19	−27 51.3	2.460	3.449	3.8	21.1
5 11	14 36.73	−27 11.3	2.443	3.437	3.6	21.1
5 21	14 28.79	−26 23.1	2.455	3.424	5.8	21.2
5 31	14 22.07	−25 31.4	2.495	3.411	8.5	21.3
6 10	14 17.10	−24 41.0	2.558	3.398	11.1	21.5

158970 2004 RW_{256} 5 3.5 117°.39 5°.1/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.91	−29 56.6	1.854	2.672	14.8	20.3
4 11	15 3.88	−30 20.4	1.780	2.676	11.8	20.1
4 21	14 55.49	−30 26.5	1.728	2.681	8.5	19.9
5 1	14 45.62	−30 13.4	1.700	2.685	5.7	19.8
5 11	14 35.46	−29 42.7	1.700	2.689	5.4	19.7
5 21	14 26.19	−28 59.0	1.725	2.694	7.9	19.9
5 31	14 18.82	−28 8.8	1.776	2.698	11.1	20.1
6 10	14 14.00	−27 19.1	1.849	2.702	14.2	20.3

75341 1999 XQ_{60} 5 3.5 85°.29 0°.5/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.80	−16 55.8	1.550	2.417	14.7	19.4
4 11	15 2.94	−16 22.4	1.495	2.433	10.7	19.2
4 21	14 54.83	−15 38.8	1.463	2.449	6.0	18.9
5 1	14 45.46	−14 49.0	1.457	2.464	1.2	18.6
5 11	14 36.05	−13 58.7	1.478	2.480	3.9	18.9
5 21	14 27.73	−13 13.6	1.525	2.495	8.5	19.2
5 31	14 21.40	−12 39.0	1.595	2.510	12.5	19.5
6 10	14 17.58	−12 17.9	1.686	2.525	15.9	19.7

506050 2015 KF_{105} 5 3.5 69°.75 5°.6/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.06	− 0 12.6	2.100	2.967	11.4	20.9
4 11	14 59.75	+ 0 32.2	2.045	2.975	8.7	20.7
4 21	14 52.86	+ 1 11.7	2.015	2.982	6.4	20.6
5 1	14 45.06	+ 1 40.8	2.012	2.990	5.7	20.5
5 11	14 37.20	+ 1 56.0	2.035	2.997	7.1	20.7
5 21	14 30.05	+ 1 55.0	2.084	3.005	9.6	20.8
5 31	14 24.27	+ 1 37.4	2.157	3.013	12.3	21.0
6 10	14 20.31	+ 1 4.4	2.250	3.020	14.6	21.2

285594 2000 QC_{114} 5 3.5 238°.33 5°.4/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.80	− 3 55.9	1.951	2.817	12.2	21.6
4 11	15 2.81	− 2 41.5	1.866	2.799	9.2	21.4
4 21	14 54.81	− 1 26.6	1.807	2.780	6.4	21.2
5 1	14 45.49	− 0 17.3	1.775	2.761	5.4	21.1
5 11	14 35.83	+ 0 39.5	1.771	2.740	7.4	21.2
5 21	14 26.77	+ 1 19.1	1.794	2.718	10.7	21.3
5 31	14 19.22	+ 1 38.4	1.840	2.695	14.0	21.5
6 10	14 13.78	+ 1 37.1	1.905	2.672	17.0	21.6

468652 2008 UT_{176} 5 3.5 309°.10 2°.2/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.55	−20 12.4	1.673	2.528	14.4	21.0
4 11	15 3.90	−20 45.1	1.585	2.513	10.9	20.8
4 21	14 55.69	−21 8.8	1.521	2.499	6.8	20.5
5 1	14 45.71	−21 22.8	1.481	2.485	2.8	20.2
5 11	14 35.13	−21 27.9	1.469	2.471	3.8	20.3
5 21	14 25.23	−21 27.1	1.482	2.457	8.2	20.5
5 31	14 17.17	−21 24.5	1.520	2.444	12.5	20.7
6 10	14 11.77	−21 25.1	1.579	2.431	16.2	20.9

40316 1999 LU_{4} 5 3.5 222°.05 11°.8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.71	+16 58.4	2.024	2.844	13.7	18.5
4 11	15 3.34	+18 33.8	1.970	2.833	12.4	18.4
4 21	14 55.02	+19 51.6	1.938	2.821	11.8	18.3
5 1	14 45.52	+20 43.7	1.930	2.809	12.1	18.3
5 11	14 35.81	+21 4.9	1.945	2.795	13.4	18.4
5 21	14 26.85	+20 53.9	1.981	2.781	15.2	18.4
5 31	14 19.46	+20 12.4	2.036	2.766	17.1	18.6
6 10	14 14.20	+19 5.1	2.106	2.750	18.8	18.7

505204 2012 TP_{187} 5 3.5 105°.82 0°.2/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.67	−19 17.0	2.587	3.432	10.3	21.9
4 11	14 59.23	−18 33.3	2.526	3.452	7.4	21.7
4 21	14 52.46	−17 41.3	2.491	3.472	4.3	21.6
5 1	14 44.99	−16 43.7	2.484	3.491	0.9	21.3
5 11	14 37.52	−15 44.5	2.508	3.509	2.5	21.5
5 21	14 30.70	−14 47.6	2.560	3.528	5.6	21.7
5 31	14 25.10	−13 57.0	2.640	3.546	8.5	21.9
6 10	14 21.09	−13 15.5	2.743	3.563	11.0	22.1

227462 2005 WX_{115} 5 3.5 244°.67 0°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.05	−16 55.4	1.939	2.800	12.5	20.1
4 11	15 0.85	−16 4.0	1.854	2.789	9.1	19.9
4 21	14 53.68	−15 1.9	1.792	2.777	5.2	19.6
5 1	14 45.27	−13 52.8	1.758	2.765	1.1	19.3
5 11	14 36.59	−12 42.1	1.753	2.753	3.7	19.5
5 21	14 28.59	−11 36.0	1.774	2.740	7.9	19.7
5 31	14 22.12	−10 40.1	1.821	2.727	11.7	19.9
6 10	14 17.76	− 9 58.3	1.889	2.714	15.0	20.1

430932 2005 UJ_{45} 5 3.5 226°.78 1°.9/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.32	−12 22.1	1.851	2.719	12.7	21.9
4 11	15 1.77	−11 50.6	1.776	2.714	9.2	21.6
4 21	14 54.21	−11 13.9	1.724	2.709	5.3	21.4
5 1	14 45.38	−10 35.6	1.699	2.704	2.0	21.1
5 11	14 36.31	−10 0.3	1.702	2.699	4.4	21.3
5 21	14 27.97	− 9 32.3	1.731	2.693	8.4	21.5
5 31	14 21.23	− 9 15.2	1.785	2.687	12.2	21.7
6 10	14 16.67	− 9 11.2	1.860	2.681	15.4	21.9

497800 2006 TK_{8} 5 3.5 215°.52 0°.0/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.36	−17 21.7	1.984	2.837	12.6	22.3
4 11	15 3.23	−17 4.2	1.899	2.829	9.2	22.1
4 21	14 55.05	−16 38.0	1.839	2.822	5.3	21.8
5 1	14 45.56	−16 5.0	1.807	2.813	1.1	21.5
5 11	14 35.76	−15 28.8	1.802	2.804	3.2	21.6
5 21	14 26.65	−14 53.8	1.826	2.795	7.4	21.9
5 31	14 19.12	−14 24.5	1.875	2.784	11.3	22.1
6 10	14 13.78	−14 4.6	1.946	2.774	14.6	22.3

507432 2012 RY_8 5 3.5 243°.14 1°.4/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.97	−15 12.5	2.152	3.013	11.4	21.7
4 11	14 59.88	−14 11.4	2.065	3.001	8.3	21.4
4 21	14 53.05	−13 1.4	2.003	2.988	4.7	21.2
5 1	14 45.15	−11 46.5	1.970	2.976	1.5	20.9
5 11	14 37.01	−10 32.2	1.965	2.963	3.8	21.1
5 21	14 29.48	− 9 24.1	1.989	2.949	7.6	21.3
5 31	14 23.30	− 8 27.0	2.038	2.935	11.1	21.5
6 10	14 19.00	− 7 44.4	2.109	2.921	14.1	21.7

520234 2014 DP_{153} 5 3.5 67°.93 3°.6/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.45	−26 34.7	2.208	3.032	12.6	21.2
4 11	15 2.43	−27 3.2	2.138	3.042	9.7	21.0
4 21	14 54.52	−27 19.2	2.091	3.052	6.7	20.8
5 1	14 45.45	−27 21.8	2.071	3.062	4.1	20.7
5 11	14 36.16	−27 12.4	2.079	3.073	4.1	20.7
5 21	14 27.61	−26 53.9	2.114	3.083	6.6	20.9
5 31	14 20.58	−26 30.8	2.175	3.093	9.5	21.1
6 10	14 15.64	−26 7.7	2.260	3.104	12.2	21.3

285605 2000 QO_{174} 5 3.5 217°.33 2°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.23	− 7 50.8	2.888	3.748	8.8	21.5
4 11	14 58.21	− 6 57.2	2.806	3.740	6.4	21.3
4 21	14 51.94	− 6 1.9	2.750	3.730	4.0	21.1
5 1	14 44.93	− 5 8.4	2.725	3.720	2.8	21.0
5 11	14 37.78	− 4 20.4	2.728	3.710	4.3	21.1
5 21	14 31.06	− 3 41.1	2.761	3.699	6.8	21.3
5 31	14 25.31	− 3 12.8	2.819	3.688	9.3	21.4
6 10	14 20.94	− 2 56.7	2.900	3.676	11.5	21.5

41541 2000 RV_{38} 5 3.5 224°.58 0°.2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.17	−17 8.9	1.934	2.787	12.9	19.8
4 11	15 3.91	−16 44.0	1.845	2.776	9.4	19.6
4 21	14 55.50	−16 9.6	1.781	2.764	5.4	19.3
5 1	14 45.68	−15 28.0	1.744	2.751	1.1	19.0
5 11	14 35.50	−14 43.4	1.735	2.737	3.4	19.1
5 21	14 26.00	−14 0.5	1.754	2.722	7.8	19.3
5 31	14 18.12	−13 24.4	1.799	2.707	11.8	19.6
6 10	14 12.51	−12 59.1	1.866	2.690	15.2	19.7

151759 2003 EF_9 5 3.5 90°.21 4°.4/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.21	− 8 0.2	1.685	2.564	13.2	19.9
4 11	15 0.24	− 6 42.0	1.625	2.568	9.6	19.7
4 21	14 53.30	− 5 21.0	1.589	2.571	6.0	19.5
5 1	14 45.21	− 4 4.2	1.580	2.575	4.4	19.4
5 11	14 37.00	− 2 58.9	1.597	2.579	6.7	19.6
5 21	14 29.65	− 2 10.3	1.640	2.583	10.2	19.8
5 31	14 23.98	− 1 41.7	1.705	2.587	13.7	20.0
6 10	14 20.49	− 1 33.7	1.790	2.591	16.7	20.2

292258 2006 SB_{97} 5 3.5 148°.91 1°.6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.58	−13 16.7	2.423	3.284	10.3	21.5
4 11	14 58.61	−12 27.6	2.352	3.288	7.4	21.3
4 21	14 52.21	−11 33.3	2.308	3.292	4.2	21.1
5 1	14 44.99	−10 37.4	2.291	3.296	1.6	20.9
5 11	14 37.67	− 9 44.2	2.304	3.300	3.6	21.0
5 21	14 30.95	− 8 57.4	2.345	3.303	6.7	21.3
5 31	14 25.42	− 8 20.6	2.412	3.306	9.7	21.4
6 10	14 21.52	− 7 55.6	2.502	3.309	12.3	21.6

133361 2003 SS_{131} 5 3.5 7°.68 1°.0/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.92	−19 18.8	1.833	2.690	13.3	20.4
4 11	15 1.56	−19 15.2	1.759	2.690	9.8	20.2
4 21	14 54.13	−19 1.7	1.709	2.690	5.8	20.0
5 1	14 45.40	−18 39.6	1.685	2.691	1.7	19.7
5 11	14 36.43	−18 12.4	1.688	2.691	3.2	19.8
5 21	14 28.23	−17 44.0	1.718	2.692	7.4	20.1
5 31	14 21.70	−17 19.2	1.773	2.693	11.2	20.3
6 10	14 17.43	−17 2.0	1.849	2.694	14.5	20.5

469453 2002 PJ_{74} 5 3.5 270°.45 2°.7/ 1.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.42	−10 25.0	2.313	3.176	10.7	22.3
4 11	15 0.21	− 9 26.6	2.212	3.148	7.8	22.1
4 21	14 53.29	− 8 22.8	2.136	3.119	4.7	21.8
5 1	14 45.24	− 7 17.7	2.089	3.089	2.7	21.6
5 11	14 36.83	− 6 16.3	2.071	3.059	4.7	21.7
5 21	14 28.86	− 5 23.5	2.080	3.028	8.1	21.9
5 31	14 22.09	− 4 43.3	2.116	2.997	11.4	22.0
6 10	14 17.07	− 4 18.0	2.173	2.965	14.4	22.2

68012 2000 YQ_7 5 3.5 274°.92 8°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.13	+ 6 3.6	1.915	2.770	12.9	18.8
4 11	15 3.07	+ 6 46.6	1.839	2.753	10.5	18.6
4 21	14 54.98	+ 7 19.0	1.787	2.735	8.7	18.4
5 1	14 45.59	+ 7 34.6	1.761	2.718	8.3	18.4
5 11	14 35.88	+ 7 28.8	1.760	2.700	9.7	18.4
5 21	14 26.83	+ 7 0.0	1.784	2.682	12.3	18.5
5 31	14 19.33	+ 6 8.7	1.830	2.663	15.0	18.7
6 10	14 13.97	+ 4 57.8	1.896	2.645	17.6	18.8

283519 2001 TP_{47} 5 3.5 217°.57 2°.4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 56.98	− 3 41.1	4.652	5.512	5.8	20.6
4 11	14 53.35	− 3 10.5	4.579	5.509	4.3	20.5
4 21	14 49.05	− 2 41.1	4.534	5.507	2.9	20.4
5 1	14 44.35	− 2 14.8	4.518	5.504	2.4	20.3
5 11	14 39.60	− 1 53.4	4.532	5.502	3.2	20.4
5 21	14 35.09	− 1 38.0	4.574	5.499	4.7	20.5
5 31	14 31.12	− 1 29.8	4.642	5.496	6.2	20.6
6 10	14 27.95	− 1 29.1	4.734	5.493	7.6	20.7

350174 2011 US_{115} 5 3.5 306°.84 3°.5/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.18	−26 10.6	2.136	2.965	12.7	20.4
4 11	15 1.71	−26 33.1	2.050	2.958	9.9	20.2
4 21	14 54.23	−26 43.0	1.988	2.951	6.8	19.9
5 1	14 45.45	−26 39.5	1.952	2.945	4.1	19.8
5 11	14 36.32	−26 24.0	1.943	2.939	4.1	19.8
5 21	14 27.81	−25 59.6	1.961	2.932	6.8	19.9
5 31	14 20.80	−25 30.9	2.006	2.926	10.0	20.1
6 10	14 15.93	−25 2.9	2.072	2.921	13.0	20.3

216624 Kaufer 5 3.5 143°.73 4°.7/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.27	−30 12.6	1.920	2.734	14.5	20.1
4 11	15 4.04	−30 20.3	1.846	2.741	11.5	19.9
4 21	14 55.56	−30 9.7	1.794	2.748	8.2	19.7
5 1	14 45.71	−29 40.0	1.768	2.754	5.4	19.6
5 11	14 35.64	−28 53.6	1.769	2.760	5.0	19.6
5 21	14 26.48	−27 55.6	1.796	2.765	7.5	19.7
5 31	14 19.19	−26 52.9	1.849	2.770	10.7	19.9
6 10	14 14.35	−25 52.6	1.925	2.775	13.8	20.1

86094 1999 RW_{100} 5 3.5 302°.89 5°.0/ 7.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.95	−31 41.4	2.111	2.920	13.6	18.3
4 11	15 1.11	−31 44.0	1.997	2.887	11.0	18.1
4 21	14 54.05	−31 28.1	1.906	2.854	8.2	17.8
5 1	14 45.45	−30 52.2	1.839	2.821	5.7	17.6
5 11	14 36.28	−29 57.6	1.799	2.788	5.2	17.5
5 21	14 27.63	−28 48.1	1.786	2.755	7.6	17.6
5 31	14 20.50	−27 30.6	1.798	2.721	10.9	17.7
6 10	14 15.63	−26 12.7	1.833	2.688	14.2	17.9

321257 2009 DV_{13} 5 3.5 194°.26 4°.5/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.49	−28 38.8	1.753	2.577	15.3	21.4
4 11	15 5.19	−28 47.5	1.673	2.576	12.0	21.2
4 21	14 56.36	−28 37.7	1.615	2.574	8.4	21.0
5 1	14 45.90	−28 8.3	1.581	2.572	5.2	20.8
5 11	14 35.08	−27 21.7	1.574	2.569	5.0	20.8
5 21	14 25.18	−26 23.2	1.594	2.565	8.1	20.9
5 31	14 17.28	−25 20.4	1.639	2.562	11.8	21.1
6 10	14 12.08	−24 21.2	1.706	2.557	15.2	21.3

402862 2007 RR_{105} 5 3.5 196°.45 0°.2/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.53	−17 54.7	4.180	5.020	6.8	22.2
4 11	14 55.99	−17 39.7	4.093	5.017	4.9	22.1
4 21	14 50.60	−17 20.2	4.033	5.013	2.8	21.9
5 1	14 44.69	−16 57.6	4.003	5.009	0.7	21.7
5 11	14 38.69	−16 33.3	4.003	5.005	1.6	21.8
5 21	14 32.99	−16 9.2	4.033	5.000	3.8	22.0
5 31	14 27.96	−15 47.2	4.092	4.995	5.8	22.1
6 10	14 23.90	−15 29.0	4.175	4.990	7.6	22.2

114727 2003 HG_3 5 3.5 7°.74 0°.9/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.00	−15 35.8	1.995	2.862	11.9	19.4
4 11	14 58.51	−14 55.7	1.925	2.863	8.6	19.2
4 21	14 52.30	−14 8.0	1.878	2.864	4.9	19.0
5 1	14 45.05	−13 16.1	1.859	2.865	1.2	18.7
5 11	14 37.66	−12 24.8	1.867	2.867	3.5	18.9
5 21	14 30.95	−11 38.8	1.902	2.869	7.3	19.1
5 31	14 25.66	−11 2.3	1.962	2.871	10.8	19.3
6 10	14 22.29	−10 38.1	2.043	2.874	13.8	19.5

463197 2012 BC_{152} 5 3.5 96°.84 0°.4/ 3.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.80	−18 7.0	1.572	2.433	14.9	22.0
4 11	15 4.47	−17 56.0	1.514	2.448	10.9	21.8
4 21	14 55.79	−17 34.5	1.480	2.462	6.3	21.6
5 1	14 45.76	−17 5.0	1.470	2.477	1.4	21.3
5 11	14 35.64	−16 31.6	1.488	2.491	3.6	21.5
5 21	14 26.60	−15 59.6	1.533	2.505	8.2	21.8
5 31	14 19.61	−15 33.9	1.601	2.519	12.3	22.1
6 10	14 15.22	−15 18.5	1.690	2.532	15.8	22.3

278634 2008 RJ 5 3.5 265°.66 6°.7/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.51	+ 0 16.2	1.975	2.844	12.0	20.7
4 11	15 0.42	+ 1 34.8	1.897	2.825	9.3	20.5
4 21	14 53.47	+ 2 50.2	1.843	2.806	7.2	20.3
5 1	14 45.32	+ 3 55.4	1.815	2.786	6.8	20.2
5 11	14 36.86	+ 4 44.3	1.814	2.767	8.6	20.3
5 21	14 28.99	+ 5 12.5	1.839	2.746	11.4	20.4
5 31	14 22.52	+ 5 18.2	1.885	2.726	14.4	20.6
6 10	14 18.03	+ 5 2.0	1.950	2.705	17.0	20.7

369342 2009 SX_{331} 5 3.5 163°.06 4°.8/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.18	− 3 38.6	2.202	3.068	11.0	21.1
4 11	15 0.55	− 2 31.1	2.141	3.073	8.2	21.0
4 21	14 53.36	− 1 25.3	2.106	3.078	5.7	20.8
5 1	14 45.27	− 0 26.4	2.098	3.083	4.8	20.8
5 11	14 37.09	+ 0 20.7	2.119	3.086	6.5	20.9
5 21	14 29.59	+ 0 52.4	2.166	3.090	9.2	21.0
5 31	14 23.42	+ 1 7.1	2.238	3.092	11.9	21.2
6 10	14 19.04	+ 1 4.8	2.330	3.094	14.3	21.4

1426 Riviera 5 3.5 342°.05 7°.2/ 7.3 18

4 1	15 7.45	−30 48.5	1.384	2.221	17.9	14.3
4 11	15 2.99	−31 41.3	1.307	2.212	14.6	14.0
4 21	14 55.46	−32 13.5	1.249	2.203	10.9	13.8
5 1	14 45.78	−32 20.9	1.214	2.196	7.9	13.6
5 11	14 35.44	−32 3.4	1.201	2.189	7.5	13.5
5 21	14 26.06	−31 25.4	1.212	2.183	10.1	13.7
5 31	14 19.06	−30 35.1	1.245	2.178	13.9	13.9
6 10	14 15.32	−29 42.4	1.297	2.174	17.6	14.1

70854 1999 VP_{115} 5 3.5 271°.27 1°.2/ 2.7 18

4 1	15 6.39	−14 2.6	1.903	2.769	12.5	20.2
4 11	15 1.12	−13 39.4	1.824	2.762	9.0	19.9
4 21	14 53.89	−13 10.0	1.769	2.755	5.2	19.7
5 1	14 45.41	−12 37.3	1.741	2.747	1.4	19.4
5 11	14 36.65	−12 5.5	1.741	2.740	3.8	19.5
5 21	14 28.58	−11 38.6	1.767	2.733	7.9	19.8
5 31	14 22.04	−11 20.6	1.818	2.726	11.6	20.0
6 10	14 17.63	−11 13.8	1.890	2.718	14.9	20.2

300156 2006 VP_{96} 5 3.5 158°.68 0°.0/ 3.4 17

4 1	15 4.11	−17 49.6	2.785	3.632	9.6	21.7
4 11	14 58.88	−17 21.7	2.709	3.637	6.9	21.5
4 21	14 52.36	−16 47.0	2.660	3.642	4.0	21.3
5 1	14 45.07	−16 7.5	2.640	3.646	0.8	21.1
5 11	14 37.69	−15 26.3	2.649	3.650	2.4	21.2
5 21	14 30.84	−14 46.6	2.687	3.654	5.4	21.4
5 31	14 25.06	−14 11.6	2.752	3.658	8.2	21.6
6 10	14 20.78	−13 43.9	2.841	3.661	10.7	21.8

106715 2000 WJ_{174} 5 3.5 186°.95 4°.1/29.6 18

4 1	15 3.88	− 3 4.5	2.595	3.459	9.6	20.1
4 11	14 58.76	− 2 21.3	2.527	3.458	7.2	19.9
4 21	14 52.30	− 1 40.3	2.485	3.458	5.0	19.8
5 1	14 45.07	− 1 5.2	2.472	3.457	4.1	19.7
5 11	14 37.72	− 0 39.7	2.486	3.456	5.5	19.8
5 21	14 30.89	− 0 26.0	2.528	3.455	7.9	20.0
5 31	14 25.16	− 0 25.4	2.595	3.453	10.3	20.1
6 10	14 20.93	− 0 38.1	2.683	3.451	12.5	20.3

433754 2015 AR_{280} 5 3.5 107°.25 0°.9/ 4.2 15

4 1	15 8.99	−19 55.2	2.010	2.857	12.7	22.6
4 11	15 2.75	−19 39.3	1.950	2.876	9.3	22.5
4 21	14 54.66	−19 13.2	1.914	2.893	5.5	22.3
5 1	14 45.55	−18 39.0	1.905	2.911	1.6	22.0
5 11	14 36.38	−18 0.3	1.925	2.928	2.9	22.2
5 21	14 28.09	−17 21.6	1.973	2.944	6.8	22.4
5 31	14 21.42	−16 47.2	2.046	2.960	10.2	22.7
6 10	14 16.87	−16 20.9	2.142	2.976	13.2	22.9

149758 2004 PY_{62} 5 3.5 270°.23 4°.7/ 7.7 18

4 1	15 5.83	−32 13.3	2.431	3.230	12.3	20.1
4 11	15 0.61	−32 20.4	2.338	3.220	9.9	19.9
4 21	14 53.56	−32 11.6	2.268	3.210	7.4	19.7
5 1	14 45.35	−31 46.0	2.223	3.201	5.3	19.6
5 11	14 36.85	−31 5.0	2.206	3.191	4.8	19.5
5 21	14 28.94	−30 12.3	2.216	3.181	6.6	19.6
5 31	14 22.43	−29 13.0	2.253	3.171	9.2	19.8
6 10	14 17.87	−28 13.1	2.313	3.161	11.8	19.9

16070 1999 RB_{101} 5 3.5 305°.60 4°.0/ 9.3 18

4 1	15 0.59	−36 42.2	4.089	4.846	8.4	16.8
4 11	14 56.24	−36 48.5	3.991	4.837	7.0	16.6
4 21	14 50.84	−36 43.5	3.916	4.828	5.6	16.5
5 1	14 44.78	−36 26.9	3.868	4.819	4.4	16.4
5 11	14 38.58	−35 59.5	3.847	4.810	4.0	16.4
5 21	14 32.73	−35 23.0	3.854	4.802	4.7	16.4
5 31	14 27.68	−34 40.2	3.889	4.793	6.1	16.5
6 10	14 23.80	−33 54.2	3.948	4.784	7.6	16.6

6805 Abstracta 5 3.5 89°.89 0°.8/ 2.8 18 R

4 1	15 4.77	−14 43.3	2.359	3.217	10.7	18.1
4 11	14 59.47	−14 15.2	2.298	3.232	7.6	17.9
4 21	14 52.72	−13 41.9	2.262	3.246	4.3	17.7
5 1	14 45.16	−13 6.1	2.255	3.261	1.1	17.5
5 11	14 37.54	−12 31.1	2.276	3.275	3.0	17.7
5 21	14 30.58	−12 0.5	2.325	3.290	6.4	17.9
5 31	14 24.90	−11 37.0	2.401	3.304	9.4	18.1
6 10	14 20.90	−11 22.9	2.499	3.318	12.0	18.3

126931 2002 EU_{143} 5 3.5 264°.34 1°.7/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.25	−21 54.8	1.886	2.734	13.4	20.0
4 11	15 1.91	−21 45.2	1.799	2.724	10.0	19.8
4 21	14 54.43	−21 22.9	1.736	2.713	6.2	19.5
5 1	14 45.55	−20 49.0	1.698	2.702	2.4	19.3
5 11	14 36.30	−20 6.9	1.688	2.691	3.3	19.3
5 21	14 27.75	−19 21.3	1.705	2.680	7.3	19.5
5 31	14 20.84	−18 37.8	1.747	2.668	11.3	19.7
6 10	14 16.20	−18 1.7	1.811	2.657	14.7	19.9

91487 1999 RT_{117} 5 3.5 243°.14 6°.0/ 8.5 18

4 1	15 8.62	−34 57.1	2.100	2.890	14.3	18.5
4 11	15 2.94	−35 2.1	2.007	2.880	11.8	18.3
4 21	14 55.03	−34 46.3	1.935	2.870	9.0	18.1
5 1	14 45.67	−34 8.3	1.889	2.859	6.7	18.0
5 11	14 35.96	−33 9.5	1.868	2.848	6.1	17.9
5 21	14 27.01	−31 54.5	1.875	2.837	7.8	18.0
5 31	14 19.80	−30 30.7	1.907	2.826	10.6	18.1
6 10	14 14.97	−29 6.2	1.963	2.814	13.5	18.3

468094 2013 UL_{13} 5 3.5 288°.18 1°.7/ 4.2 17

4 1	15 13.10	−18 17.4	1.625	2.480	14.8	21.0
4 11	15 6.78	−18 55.5	1.527	2.456	11.1	20.7
4 21	14 57.58	−19 27.1	1.451	2.431	6.8	20.3
5 1	14 46.27	−19 51.2	1.402	2.406	2.4	20.0
5 11	14 34.07	−20 8.1	1.379	2.382	3.9	20.0
5 21	14 22.40	−20 19.8	1.383	2.357	8.8	20.3
5 31	14 12.62	−20 30.1	1.412	2.331	13.5	20.5
6 10	14 5.69	−20 43.7	1.461	2.306	17.6	20.7

150551 2000 SY_{193} 5 3.5 277°.14 0°.9/ 4.1 18

4 1	15 7.83	−19 14.0	1.781	2.638	13.6	20.5
4 11	15 2.47	−19 8.0	1.693	2.623	10.1	20.3
4 21	14 54.82	−18 51.5	1.628	2.609	6.0	20.0
5 1	14 45.65	−18 25.6	1.589	2.594	1.7	19.7
5 11	14 36.03	−17 53.8	1.577	2.580	3.4	19.8
5 21	14 27.10	−17 20.5	1.592	2.565	7.8	20.0
5 31	14 19.85	−16 51.0	1.631	2.550	12.0	20.2
6 10	14 15.01	−16 29.8	1.691	2.536	15.6	20.4

28131 Dougwelch 5 3.5 121°.04 1°.9/ 2.4 18

4 1	15 11.53	−13 10.0	1.520	2.389	14.9	18.9
4 11	15 5.00	−12 35.6	1.464	2.403	10.7	18.7
4 21	14 56.11	−11 54.7	1.430	2.416	6.1	18.5
5 1	14 45.87	−11 11.8	1.423	2.429	2.0	18.2
5 11	14 35.55	−10 32.3	1.443	2.441	4.7	18.4
5 21	14 26.35	−10 1.5	1.488	2.452	9.3	18.7
5 31	14 19.21	− 9 43.3	1.558	2.463	13.4	19.0
6 10	14 14.70	− 9 39.8	1.647	2.474	16.8	19.2

133041 2003 BU_{38} 5 3.5 345°.19 5°.3/29.2 18

4 1	15 3.40	− 2 56.4	1.940	2.815	11.8	19.3
4 11	14 58.81	− 1 58.1	1.876	2.812	8.9	19.1
4 21	14 52.49	− 1 2.4	1.835	2.809	6.3	18.9
5 1	14 45.14	− 0 14.8	1.822	2.807	5.4	18.9
5 11	14 37.63	+ 0 19.5	1.834	2.804	7.1	19.0
5 21	14 30.79	+ 0 37.1	1.872	2.802	10.0	19.1
5 31	14 25.37	+ 0 36.5	1.934	2.801	13.0	19.3
6 10	14 21.85	+ 0 18.0	2.014	2.799	15.6	19.5

233363 2006 DA_{124} 5 3.5 252°.26 0°.9/ 2.9 18

4 1	15 6.03	−15 26.0	1.970	2.832	12.3	21.4
4 11	15 0.84	−14 52.7	1.888	2.824	8.9	21.1
4 21	14 53.73	−14 11.4	1.830	2.815	5.1	20.9
5 1	14 45.41	−13 25.3	1.799	2.806	1.2	20.6
5 11	14 36.82	−12 38.9	1.796	2.796	3.6	20.7
5 21	14 28.89	−11 56.9	1.820	2.787	7.7	21.0
5 31	14 22.45	−11 23.7	1.870	2.777	11.4	21.2
6 10	14 18.08	−11 2.4	1.941	2.768	14.6	21.4

334885 2003 UL_{323} 5 3.5 188°.66 0°.5/ 3.9 17

4 1	15 7.40	−18 16.8	2.166	3.016	11.8	21.6
4 11	15 1.67	−18 8.4	2.087	3.016	8.6	21.4
4 21	14 54.13	−17 51.9	2.034	3.015	5.1	21.2
5 1	14 45.49	−17 28.8	2.008	3.014	1.3	20.9
5 11	14 36.62	−17 2.0	2.010	3.013	2.8	21.0
5 21	14 28.41	−16 35.2	2.041	3.011	6.6	21.2
5 31	14 21.64	−16 12.1	2.097	3.010	10.1	21.5
6 10	14 16.82	−15 56.0	2.176	3.008	13.1	21.6

201792 2003 WF_{139} 5 3.5 180°.03 3°.0/ 1.5 17

4 1	15 7.97	− 7 19.8	2.133	2.997	11.4	20.0
4 11	15 1.99	− 7 4.9	2.062	2.997	8.3	19.8
4 21	14 54.28	− 6 50.3	2.016	2.997	5.1	19.6
5 1	14 45.51	− 6 39.0	1.998	2.997	3.0	19.5
5 11	14 36.57	− 6 34.2	2.008	2.997	4.8	19.6
5 21	14 28.28	− 6 38.1	2.046	2.997	8.0	19.8
5 31	14 21.41	− 6 52.4	2.109	2.997	11.2	20.0
6 10	14 16.45	− 7 17.4	2.194	2.996	13.9	20.2

96235 1993 UB_5 5 3.5 270°.17 3°.7/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.28	− 8 48.3	1.545	2.420	14.3	19.8
4 11	15 3.73	− 8 10.0	1.461	2.402	10.5	19.5
4 21	14 55.65	− 7 28.3	1.399	2.383	6.4	19.2
5 1	14 45.84	− 6 48.4	1.363	2.364	3.7	19.0
5 11	14 35.51	− 6 16.2	1.354	2.345	6.3	19.1
5 21	14 25.91	− 5 56.9	1.369	2.325	10.7	19.3
5 31	14 18.17	− 5 54.2	1.407	2.305	15.0	19.5
6 10	14 13.06	− 6 9.4	1.465	2.285	18.8	19.7

115080 2003 SH_3 5 3.5 145°.55 1°.4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.25	−21 25.7	2.140	2.983	12.2	20.0
4 11	15 1.55	−21 14.6	2.066	2.988	9.0	19.8
4 21	14 54.05	−20 52.8	2.016	2.993	5.5	19.6
5 1	14 45.47	−20 21.7	1.994	2.998	2.0	19.3
5 11	14 36.72	−19 44.3	1.999	3.002	2.9	19.4
5 21	14 28.68	−19 4.8	2.033	3.006	6.5	19.6
5 31	14 22.13	−18 27.8	2.093	3.010	9.9	19.8
6 10	14 17.58	−17 57.3	2.176	3.013	12.9	20.0

504534 2008 SH_{20} 5 3.5 260°.41 1°.6/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.57	−21 47.5	1.983	2.829	12.9	21.7
4 11	15 2.11	−21 35.9	1.890	2.813	9.7	21.5
4 21	14 54.55	−21 12.1	1.821	2.797	6.0	21.2
5 1	14 45.60	−20 37.0	1.777	2.781	2.3	20.9
5 11	14 36.25	−19 53.8	1.762	2.765	3.2	21.0
5 21	14 27.52	−19 7.1	1.774	2.748	7.2	21.2
5 31	14 20.34	−18 22.4	1.812	2.730	11.1	21.4
6 10	14 15.37	−17 44.8	1.871	2.713	14.5	21.5

486719 2014 BY_{60} 5 3.5 135°.62 14°.8/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.08	−47 16.3	1.365	2.105	22.9	21.6
4 11	15 15.40	−48 52.2	1.304	2.115	20.4	21.4
4 21	15 3.04	−49 53.0	1.257	2.124	17.9	21.3
5 1	14 47.41	−50 8.1	1.229	2.133	15.8	21.2
5 11	14 31.01	−49 33.4	1.221	2.142	14.8	21.1
5 21	14 16.50	−48 13.9	1.234	2.149	15.3	21.2
5 31	14 5.92	−46 23.4	1.268	2.156	17.0	21.3
6 10	14 0.19	−44 19.1	1.320	2.163	19.3	21.5

243299 2008 EN_{109} 5 3.5 308°.15 2°.5/ 5.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.04	−23 48.5	2.063	2.905	12.6	20.6
4 11	15 0.26	−23 50.2	1.969	2.888	9.6	20.4
4 21	14 53.48	−23 39.6	1.899	2.871	6.2	20.2
5 1	14 45.40	−23 16.8	1.854	2.854	3.1	19.9
5 11	14 36.92	−22 44.3	1.837	2.838	3.4	19.9
5 21	14 29.00	−22 5.9	1.847	2.821	6.8	20.1
5 31	14 22.54	−21 26.7	1.882	2.805	10.4	20.3
6 10	14 18.18	−20 51.7	1.939	2.789	13.7	20.5

332787 2009 VS_{78} 5 3.5 229°.64 6°.8/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.88	+ 3 1.0	2.079	2.936	11.9	20.4
4 11	15 2.73	+ 3 45.9	2.007	2.927	9.4	20.2
4 21	14 54.74	+ 4 23.4	1.960	2.917	7.4	20.0
5 1	14 45.63	+ 4 48.1	1.939	2.906	6.8	20.0
5 11	14 36.29	+ 4 55.8	1.946	2.895	8.3	20.0
5 21	14 27.60	+ 4 44.2	1.978	2.884	10.8	20.2
5 31	14 20.35	+ 4 13.5	2.033	2.872	13.5	20.3
6 10	14 15.07	+ 3 25.1	2.108	2.860	16.0	20.5

111609 2002 AS_{94} 5 3.5 1°.17 0°.0/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.14	−17 1.4	1.934	2.797	12.4	19.3
4 11	14 59.46	−16 44.3	1.861	2.797	9.0	19.1
4 21	14 52.93	−16 19.1	1.812	2.796	5.2	18.9
5 1	14 45.26	−15 48.2	1.790	2.796	1.1	18.6
5 11	14 37.39	−15 15.4	1.794	2.797	3.1	18.7
5 21	14 30.22	−14 44.8	1.826	2.798	7.2	19.0
5 31	14 24.54	−14 20.4	1.882	2.799	10.8	19.2
6 10	14 20.89	−14 5.4	1.960	2.801	14.0	19.4

379789 2011 HQ_{69} 5 3.5 24°.54 2°.2/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.55	−11 32.2	1.803	2.674	12.8	21.0
4 11	15 1.25	−11 1.9	1.734	2.674	9.3	20.7
4 21	14 53.96	−10 27.3	1.689	2.675	5.3	20.5
5 1	14 45.47	− 9 52.4	1.671	2.675	2.2	20.3
5 11	14 36.79	− 9 21.6	1.680	2.676	4.5	20.5
5 21	14 28.88	− 8 59.0	1.715	2.676	8.5	20.7
5 31	14 22.58	− 8 48.0	1.774	2.677	12.2	20.9
6 10	14 18.47	− 8 50.0	1.855	2.678	15.3	21.1

407785 2011 YX_5 5 3.5 187°.29 5°.7/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.84	− 3 8.1	1.610	2.483	14.0	20.6
4 11	15 3.77	− 2 23.1	1.547	2.483	10.5	20.4
4 21	14 55.46	− 1 41.6	1.507	2.482	7.2	20.2
5 1	14 45.78	− 1 9.6	1.493	2.482	5.7	20.1
5 11	14 35.90	− 0 52.4	1.505	2.481	7.7	20.2
5 21	14 26.92	− 0 53.1	1.542	2.480	11.2	20.4
5 31	14 19.80	− 1 12.9	1.602	2.478	14.7	20.6
6 10	14 15.12	− 1 50.5	1.680	2.476	17.8	20.8

164064 2003 WY_{46} 5 3.5 292°.70 0°.0/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.22	−16 26.0	1.843	2.705	13.0	20.1
4 11	15 1.95	−16 21.9	1.756	2.690	9.5	19.8
4 21	14 54.50	−16 10.2	1.691	2.675	5.5	19.5
5 1	14 45.62	−15 52.8	1.653	2.660	1.1	19.2
5 11	14 36.31	−15 32.6	1.642	2.645	3.4	19.3
5 21	14 27.62	−15 13.6	1.658	2.630	7.8	19.6
5 31	14 20.54	−14 59.8	1.699	2.615	11.8	19.8
6 10	14 15.72	−14 54.7	1.761	2.600	15.3	19.9

188809 2005 WX_{181} 5 3.5 106°.47 3°.0/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.18	− 9 41.8	1.758	2.630	13.0	20.4
4 11	15 1.69	− 9 4.7	1.693	2.634	9.4	20.2
4 21	14 54.21	− 8 24.9	1.653	2.637	5.6	19.9
5 1	14 45.53	− 7 46.8	1.639	2.640	3.0	19.8
5 11	14 36.68	− 7 15.4	1.652	2.644	5.2	19.9
5 21	14 28.66	− 6 54.6	1.691	2.647	9.0	20.2
5 31	14 22.32	− 6 47.3	1.754	2.650	12.6	20.4
6 10	14 18.18	− 6 54.5	1.837	2.654	15.7	20.6

241468 2009 AC_{22} 5 3.5 291°.12 6°.7/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.89	− 3 50.6	1.338	2.223	15.5	20.3
4 11	15 2.99	− 2 47.6	1.261	2.203	11.7	20.0
4 21	14 55.34	− 1 45.0	1.205	2.183	8.1	19.8
5 1	14 45.82	− 0 51.3	1.173	2.163	6.7	19.6
5 11	14 35.72	− 0 14.6	1.165	2.143	9.2	19.7
5 21	14 26.43	− 0 0.8	1.180	2.122	13.4	19.9
5 31	14 19.19	− 0 12.8	1.215	2.102	17.7	20.1
6 10	14 14.81	− 0 49.5	1.268	2.083	21.5	20.3

307631 2003 SY_{92} 5 3.5 122°.99 1°.4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.10	−21 36.4	1.872	2.715	13.7	21.1
4 11	15 4.42	−21 17.1	1.811	2.733	10.1	20.9
4 21	14 55.69	−20 45.1	1.773	2.750	6.1	20.7
5 1	14 45.82	−20 2.5	1.762	2.766	2.1	20.5
5 11	14 35.89	−19 13.5	1.780	2.782	3.2	20.6
5 21	14 26.94	−18 23.4	1.825	2.797	7.1	20.9
5 31	14 19.80	−17 37.6	1.896	2.811	10.8	21.1
6 10	14 14.98	−17 0.6	1.989	2.825	14.0	21.3

312893 2011 UE_{271} 5 3.5 264°.52 1°.3/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.01	−12 40.2	2.364	3.225	10.5	21.0
4 11	14 59.82	−12 23.3	2.283	3.218	7.6	20.8
4 21	14 53.05	−12 2.5	2.227	3.211	4.3	20.6
5 1	14 45.30	−11 40.4	2.199	3.204	1.4	20.3
5 11	14 37.34	−11 19.8	2.199	3.197	3.4	20.5
5 21	14 29.91	−11 3.7	2.227	3.190	6.7	20.7
5 31	14 23.70	−10 54.8	2.282	3.183	9.9	20.8
6 10	14 19.20	−10 54.9	2.358	3.175	12.6	21.0

476405 2008 CK_{207} 5 3.5 55°.40 0°.8/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.37	−20 8.5	2.139	2.991	11.9	21.4
4 11	14 59.43	−19 44.7	2.071	2.999	8.7	21.3
4 21	14 52.83	−19 10.8	2.027	3.007	5.1	21.1
5 1	14 45.25	−18 29.2	2.010	3.015	1.5	20.8
5 11	14 37.56	−17 43.5	2.021	3.024	2.7	20.9
5 21	14 30.57	−16 58.2	2.059	3.032	6.4	21.2
5 31	14 24.99	−16 17.6	2.124	3.041	9.8	21.4
6 10	14 21.29	−15 45.3	2.211	3.050	12.6	21.6

45357 2000 AC_{102} 5 3.5 246°.52 3°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.76	− 8 47.2	1.918	2.784	12.4	20.0
4 11	15 2.92	− 7 56.3	1.829	2.766	9.1	19.7
4 21	14 55.01	− 7 1.6	1.765	2.747	5.6	19.5
5 1	14 45.73	− 6 7.9	1.728	2.727	3.5	19.3
5 11	14 36.06	− 5 20.8	1.719	2.706	5.7	19.4
5 21	14 26.99	− 4 45.2	1.737	2.685	9.4	19.6
5 31	14 19.44	− 4 24.8	1.779	2.663	13.1	19.7
6 10	14 14.05	− 4 21.1	1.842	2.640	16.4	19.9

231653 2009 WH_{24} 5 3.5 234°.94 1°.0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.58	−14 59.8	2.211	3.067	11.4	21.6
4 11	15 1.84	−14 24.9	2.120	3.052	8.3	21.3
4 21	14 54.29	−13 42.7	2.053	3.037	4.7	21.1
5 1	14 45.57	−12 56.1	2.015	3.021	1.2	20.8
5 11	14 36.55	−12 9.1	2.006	3.005	3.5	20.9
5 21	14 28.09	−11 26.0	2.025	2.988	7.3	21.1
5 31	14 20.98	−10 51.1	2.070	2.970	10.8	21.3
6 10	14 15.78	−10 27.4	2.137	2.952	13.9	21.5

341025 2007 GZ_{10} 5 3.5 238°.58 3°.1/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.94	− 0 33.0	4.402	5.261	6.1	20.8
4 11	14 53.40	+ 0 11.6	4.335	5.259	4.6	20.7
4 21	14 49.15	+ 0 53.9	4.294	5.258	3.5	20.6
5 1	14 44.49	+ 1 31.6	4.283	5.256	3.2	20.6
5 11	14 39.77	+ 2 2.5	4.301	5.254	4.0	20.6
5 21	14 35.32	+ 2 25.3	4.347	5.252	5.4	20.7
5 31	14 31.44	+ 2 38.9	4.418	5.250	6.9	20.8
6 10	14 28.38	+ 2 43.0	4.512	5.248	8.2	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
134661 1999 VT_{112}			5 3.5 116°.63	0°.5/ 3.9 18		R
	h m	° ′			°	m
4 1	15 9.85	−18 53.9	1.738	2.594	14.0	21.1
4 11	15 3.65	−18 31.6	1.677	2.607	10.2	20.9
4 21	14 55.33	−17 58.4	1.638	2.620	5.9	20.6
5 1	14 45.77	−17 16.9	1.626	2.633	1.4	20.3
5 11	14 36.11	−16 31.7	1.642	2.645	3.3	20.5
5 21	14 27.43	−15 48.1	1.685	2.657	7.7	20.8
5 31	14 20.60	−15 11.1	1.753	2.668	11.6	21.1
6 10	14 16.15	−14 44.8	1.842	2.679	14.9	21.3
208699 2002 HG_{4}			5 3.5 326°.57	2°.8/ 2.4 17		
4 1	15 6.26	−10 41.2	1.135	2.029	16.9	19.1
4 11	15 2.30	−10 33.6	1.057	2.008	12.5	18.8
4 21	14 55.20	−10 22.6	0.998	1.987	7.4	18.4
5 1	14 45.84	−10 12.5	0.962	1.967	2.9	18.1
5 11	14 35.71	−10 8.7	0.949	1.949	6.1	18.2
5 21	14 26.43	−10 15.8	0.958	1.931	11.7	18.5
5 31	14 19.48	−10 37.7	0.987	1.915	17.1	18.7
6 10	14 15.85	−11 15.9	1.033	1.900	21.7	18.9
518648 2008 RQ_{19}			5 3.5 155°.10	0°.1/ 3.7 17		
4 1	15 6.88	−18 16.2	2.356	3.203	11.1	22.3
4 11	15 1.10	−17 48.0	2.283	3.210	8.0	22.1
4 21	14 53.73	−17 11.5	2.236	3.217	4.6	21.9
5 1	14 45.45	−16 29.0	2.217	3.223	1.0	21.6
5 11	14 37.05	−15 44.1	2.227	3.229	2.7	21.8
5 21	14 29.31	−15 0.7	2.266	3.234	6.2	22.0
5 31	14 22.90	−14 22.8	2.331	3.239	9.4	22.2
6 10	14 18.28	−13 53.5	2.420	3.243	12.2	22.4
189115 2001 UE_{167}			5 3.5 273°.23	6°.2/ 6.7 18		
4 1	15 12.79	−30 19.2	1.816	2.630	15.3	18.8
4 11	15 6.50	−31 13.7	1.721	2.613	12.4	18.6
4 21	14 57.41	−31 52.7	1.647	2.595	9.3	18.4
5 1	14 46.29	−32 12.3	1.598	2.578	6.7	18.2
5 11	14 34.39	−32 11.4	1.576	2.560	6.5	18.1
5 21	14 23.11	−31 52.2	1.579	2.542	9.0	18.2
5 31	14 13.75	−31 20.6	1.607	2.524	12.4	18.4
6 10	14 7.22	−30 44.3	1.657	2.505	15.7	18.5
64395 2001 US_{152}			5 3.5 49°.34	2°.4/ 2.3 18		
4 1	15 9.66	−11 51.1	1.229	2.114	16.6	18.8
4 11	15 4.13	−11 28.3	1.176	2.122	12.0	18.5
4 21	14 55.84	−11 0.3	1.144	2.131	6.9	18.2
5 1	14 45.90	−10 32.0	1.135	2.140	2.6	18.0
5 11	14 35.80	−10 8.9	1.151	2.150	5.5	18.2
5 21	14 26.95	− 9 56.0	1.191	2.160	10.5	18.5
5 31	14 20.45	− 9 56.9	1.253	2.170	15.1	18.8
6 10	14 16.92	−10 13.0	1.333	2.181	18.9	19.1
364269 2006 TQ_{32}			5 3.5 104°.63	1°.0/ 2.5 17		
4 1	15 4.32	−15 11.6	2.681	3.534	9.7	21.2
4 11	14 58.97	−14 18.8	2.624	3.556	6.9	21.1
4 21	14 52.40	−13 20.5	2.593	3.577	3.9	20.9
5 1	14 45.16	−12 20.0	2.592	3.598	1.1	20.7
5 11	14 37.94	−11 21.3	2.621	3.618	2.9	20.9
5 21	14 31.35	−10 28.0	2.678	3.638	5.9	21.1
5 31	14 25.89	− 9 43.4	2.763	3.658	8.6	21.3
6 10	14 21.93	− 9 9.4	2.871	3.677	10.9	21.5
33223 1998 FT_{113}			5 3.5 126°.25	0°.2/ 3.4 18		
4 1	15 6.87	−18 36.0	2.075	2.928	12.1	18.3
4 11	15 1.19	−17 43.1	2.010	2.940	8.8	18.2
4 21	14 53.81	−16 39.9	1.970	2.952	5.0	17.9
5 1	14 45.46	−15 30.1	1.958	2.964	1.0	17.7
5 11	14 37.08	−14 19.0	1.974	2.976	3.1	17.9
5 21	14 29.49	−13 12.1	2.019	2.987	6.9	18.1
5 31	14 23.41	−12 14.4	2.090	2.997	10.4	18.3
6 10	14 19.30	−11 29.4	2.184	3.007	13.3	18.6
363261 2002 DO_{15}			5 3.5 106°.92	3°.2/ 1.5 18		
4 1	15 8.96	−11 12.7	1.498	2.374	14.7	21.0
4 11	15 3.16	−10 12.9	1.444	2.386	10.5	20.8
4 21	14 55.09	− 9 7.9	1.412	2.398	6.2	20.5
5 1	14 45.74	− 8 3.8	1.407	2.409	3.2	20.4
5 11	14 36.32	− 7 7.6	1.427	2.420	5.7	20.5
5 21	14 27.98	− 6 25.1	1.474	2.431	10.0	20.8
5 31	14 21.62	− 5 59.9	1.543	2.442	13.9	21.1
6 10	14 17.77	− 5 53.3	1.632	2.452	17.2	21.3
368799 2005 YP_{37}			5 3.5 180°.09	2°.0/ 5.4 17		
4 1	15 9.01	−24 27.1	2.693	3.513	10.7	22.7
4 11	15 2.57	−24 16.5	2.608	3.515	8.1	22.5
4 21	14 54.58	−23 55.1	2.549	3.517	5.2	22.3
5 1	14 45.64	−23 23.4	2.518	3.517	2.5	22.1
5 11	14 36.53	−22 43.7	2.517	3.517	2.8	22.1
5 21	14 28.02	−21 59.7	2.545	3.515	5.5	22.3
5 31	14 20.76	−21 15.3	2.602	3.513	8.4	22.5
6 10	14 15.23	−20 34.7	2.683	3.510	11.0	22.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
159418 1999 RD_{233}			5 3.5 219°.76	3°.0/30.7 18		
	h m	° ′			°	m
4 1	15 5.41	− 9 21.2	2.305	3.169	10.6	20.7
4 11	15 0.11	− 8 16.0	2.224	3.161	7.7	20.5
4 21	14 53.22	− 7 7.0	2.170	3.151	4.7	20.3
5 1	14 45.37	− 5 58.8	2.144	3.142	3.0	20.2
5 11	14 37.32	− 4 56.7	2.147	3.131	4.9	20.3
5 21	14 29.84	− 4 5.0	2.177	3.121	8.1	20.4
5 31	14 23.60	− 3 27.2	2.234	3.109	11.1	20.6
6 10	14 19.10	− 3 4.9	2.311	3.098	13.8	20.8
105925 2000 SD_{213}			5 3.5 208°.43	4°.6/30.4 16		
4 1	15 8.84	− 6 42.5	1.703	2.575	13.4	20.3
4 11	15 3.03	− 5 43.3	1.633	2.571	9.8	20.1
4 21	14 55.07	− 4 42.8	1.587	2.567	6.3	19.8
5 1	14 45.77	− 3 46.9	1.567	2.562	4.6	19.7
5 11	14 36.23	− 3 1.9	1.574	2.556	6.7	19.8
5 21	14 27.50	− 2 32.5	1.607	2.550	10.4	20.0
5 31	14 20.51	− 2 21.7	1.663	2.543	14.0	20.2
6 10	14 15.84	− 2 29.8	1.739	2.536	17.2	20.4
185000 2006 PY_{5}			5 3.5 182°.03	6°.2/27.2 18		
4 1	14 4.85	+ 5 2.1	2.666	3.517	9.8	20.6
4 11	14 59.44	+ 5 59.0	2.606	3.517	7.9	20.5
4 21	14 52.73	+ 6 48.7	2.572	3.517	6.5	20.4
5 1	14 45.27	+ 7 26.7	2.566	3.517	6.3	20.4
5 11	14 37.72	+ 7 49.5	2.587	3.516	7.5	20.4
5 21	14 30.70	+ 7 55.4	2.634	3.515	9.4	20.6
5 31	14 24.77	+ 7 44.1	2.704	3.514	11.4	20.7
6 10	14 20.33	+ 7 16.8	2.795	3.512	13.2	20.8
182224 2000 YO_{10}			5 3.6 131°.32	2°.3/ 1.3 18		
4 1	15 4.01	− 9 3.6	2.683	3.545	9.4	21.0
4 11	14 58.83	− 8 27.5	2.619	3.554	6.8	20.9
4 21	14 52.37	− 7 50.0	2.581	3.563	4.1	20.7
5 1	14 45.20	− 7 14.3	2.572	3.572	2.3	20.6
5 11	14 37.96	− 6 43.4	2.592	3.581	3.9	20.7
5 21	14 31.26	− 6 20.2	2.641	3.589	6.6	20.9
5 31	14 25.64	− 6 6.4	2.715	3.597	9.2	21.1
6 10	14 21.50	− 6 3.3	2.812	3.605	11.4	21.2
72993 Hannahlivsey			5 3.6 7°.94	2°.3/ 2.3 18		
4 1	15 4.18	−13 42.2	1.071	1.968	17.4	18.4
4 11	15 0.52	−13 2.2	1.016	1.969	12.6	18.2
4 21	14 53.95	−12 12.6	0.981	1.971	7.2	17.9
5 1	14 45.57	−11 19.7	0.968	1.973	2.4	17.6
5 11	14 36.92	−10 31.6	0.977	1.977	5.7	17.8
5 21	14 29.49	− 9 55.7	1.009	1.983	11.2	18.1
5 31	14 24.47	− 9 37.4	1.061	1.989	16.1	18.4
6 10	14 22.52	− 9 39.0	1.130	1.996	20.3	18.7
382213 2012 PM_{33}			5 3.6 303°.46	2°.8/ 5.7 17		
4 1	15 6.73	−25 14.5	1.833	2.674	14.0	20.6
4 11	15 1.58	−25 3.5	1.755	2.672	10.7	20.3
4 21	14 54.28	−24 36.8	1.699	2.670	7.0	20.1
5 1	14 45.62	−23 55.1	1.668	2.668	3.5	19.9
5 11	14 36.71	−23 2.0	1.665	2.666	3.7	19.9
5 21	14 28.59	−22 3.1	1.688	2.664	7.3	20.1
5 31	14 22.20	−21 4.8	1.736	2.662	11.1	20.3
6 10	14 18.15	−20 13.3	1.806	2.660	14.4	20.5
111403 2001 XN_{176}			5 3.6 260°.98	1°.7/ 2.1 18		
4 1	15 4.64	−11 48.2	2.320	3.184	10.6	19.9
4 11	14 59.60	−11 19.9	2.238	3.175	7.7	19.7
4 21	14 52.97	−10 47.7	2.182	3.166	4.4	19.5
5 1	14 45.35	−10 14.8	2.153	3.157	1.8	19.3
5 11	14 37.51	− 9 44.5	2.153	3.148	3.7	19.4
5 21	14 30.21	− 9 20.2	2.180	3.139	7.1	19.6
5 31	14 24.14	− 9 4.9	2.233	3.130	10.3	19.8
6 10	14 19.79	− 9 0.2	2.308	3.121	13.0	20.0
179860 2002 TR_{270}			5 3.6 283°.83	4°.0/ 5.8 17		
4 1	15 9.60	−25 40.0	1.587	2.430	15.7	20.2
4 11	15 4.14	−25 58.9	1.503	2.420	12.2	19.9
4 21	14 55.99	−26 1.6	1.442	2.411	8.2	19.7
5 1	14 46.02	−25 46.9	1.404	2.401	4.6	19.4
5 11	14 35.52	−25 16.7	1.393	2.391	4.7	19.4
5 21	14 25.85	−24 35.9	1.407	2.382	8.5	19.6
5 31	14 18.23	−23 51.5	1.444	2.372	12.7	19.8
6 10	14 13.43	−23 10.8	1.503	2.363	16.5	20.0
93906 2000 WJ_{153}			5 3.6 275°.02	3°.8/ 7.1 18		
4 1	15 4.91	−29 55.4	2.399	3.211	12.1	19.2
4 11	14 59.91	−29 47.7	2.313	3.207	9.5	19.0
4 21	14 53.18	−29 24.6	2.249	3.203	6.8	18.8
5 1	14 45.39	−28 46.2	2.211	3.198	4.4	18.6
5 11	14 37.40	−27 54.9	2.202	3.194	4.0	18.6
5 21	14 30.03	−26 54.8	2.220	3.190	6.2	18.7
5 31	14 24.02	−25 51.4	2.264	3.186	9.0	18.9
6 10	14 19.89	−24 50.1	2.333	3.182	11.7	19.1

375231 2008 FZ_{93} 5 3.6 37°.31 2°.1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.24	− 6 59.0	4.130	4.993	6.4	20.6
4 11	14 53.67	− 6 14.1	4.060	4.995	4.6	20.4
4 21	14 49.34	− 5 29.0	4.018	4.997	2.9	20.3
5 1	14 44.58	− 4 45.9	4.005	4.999	2.1	20.3
5 11	14 39.77	− 4 7.1	4.022	5.001	3.2	20.3
5 21	14 35.25	− 3 34.6	4.068	5.003	4.9	20.5
5 31	14 31.35	− 3 9.9	4.140	5.006	6.6	20.6
6 10	14 28.33	− 2 53.6	4.236	5.008	8.2	20.7

93458 2000 SX_{358} 5 3.6 98°.38 6°.6/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.58	+ 1 6.3	1.799	2.665	13.0	19.2
4 11	15 2.60	+ 1 48.3	1.744	2.672	10.1	19.0
4 21	14 54.70	+ 2 22.8	1.714	2.679	7.5	18.9
5 1	14 45.70	+ 2 44.1	1.709	2.685	6.7	18.8
5 11	14 36.60	+ 2 48.2	1.730	2.692	8.2	18.9
5 21	14 28.37	+ 2 33.3	1.777	2.698	11.0	19.1
5 31	14 21.79	+ 1 59.7	1.847	2.704	13.9	19.3
6 10	14 17.38	+ 1 9.3	1.935	2.710	16.5	19.5

326597 2002 RF 5 3.6 269°.00 1°.7/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.78	−11 58.2	1.832	2.693	13.1	21.1
4 11	15 5.43	−11 49.0	1.731	2.666	9.7	20.9
4 21	14 56.67	−11 35.8	1.654	2.638	5.6	20.6
5 1	14 46.17	−11 20.8	1.604	2.610	1.9	20.2
5 11	14 35.02	−11 7.7	1.582	2.581	4.4	20.3
5 21	14 24.37	−10 59.9	1.588	2.551	8.9	20.5
5 31	14 15.33	−11 0.9	1.618	2.520	13.2	20.7
6 10	14 8.69	−11 13.4	1.670	2.489	16.9	20.9

216465 1995 VV_{10} 5 3.6 267°.71 2°.0/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.10	−11 34.4	1.635	2.505	14.0	21.2
4 11	15 4.26	−11 21.1	1.551	2.490	10.2	20.9
4 21	14 55.96	−11 3.7	1.490	2.475	5.9	20.6
5 1	14 46.01	−10 45.4	1.454	2.459	2.2	20.3
5 11	14 35.57	−10 30.2	1.446	2.444	4.7	20.4
5 21	14 25.84	−10 22.1	1.464	2.428	9.3	20.7
5 31	14 17.91	−10 24.5	1.505	2.412	13.7	20.9
6 10	14 12.55	−10 39.6	1.567	2.396	17.4	21.1

429602 2011 EF_{80} 5 3.6 84°.14 0°.5/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.87	−19 51.0	1.746	2.604	13.8	21.6
4 11	15 1.52	−19 13.6	1.683	2.615	10.1	21.4
4 21	14 54.14	−18 23.8	1.644	2.626	5.9	21.1
5 1	14 45.59	−17 25.1	1.630	2.637	1.4	20.9
5 11	14 36.94	−16 22.7	1.644	2.647	3.3	21.0
5 21	14 29.21	−15 22.7	1.685	2.658	7.6	21.3
5 31	14 23.24	−14 31.0	1.751	2.669	11.4	21.6
6 10	14 19.54	−13 51.6	1.838	2.679	14.7	21.8

31283 Wanruomeng 5 3.6 92°.46 2°.5/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.32	−23 36.8	1.855	2.695	13.9	19.7
4 11	15 3.97	−23 40.6	1.796	2.713	10.5	19.5
4 21	14 55.52	−23 31.1	1.759	2.731	6.7	19.3
5 1	14 45.87	−23 9.0	1.748	2.749	3.1	19.1
5 11	14 36.13	−22 37.2	1.765	2.766	3.5	19.2
5 21	14 27.35	−22 0.4	1.810	2.783	7.1	19.4
5 31	14 20.39	−21 24.1	1.879	2.800	10.6	19.7
6 10	14 15.78	−20 53.0	1.971	2.817	13.7	19.9

387496 1995 TJ_4 5 3.6 307°.40 2°.4/ 5.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.74	−22 41.7	2.151	2.990	12.3	21.5
4 11	15 2.09	−23 1.1	2.069	2.986	9.3	21.3
4 21	14 54.51	−23 10.4	2.010	2.982	6.0	21.1
5 1	14 45.69	−23 9.5	1.978	2.979	2.9	20.9
5 11	14 36.55	−22 59.9	1.975	2.975	3.3	20.9
5 21	14 28.04	−22 44.4	1.999	2.971	6.6	21.1
5 31	14 20.99	−22 27.1	2.048	2.968	9.9	21.3
6 10	14 15.99	−22 12.2	2.121	2.965	12.9	21.5

129301 2005 ST_{152} 5 3.6 198°.33 2°.2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.62	−12 16.9	2.216	3.077	11.1	20.7
4 11	15 1.03	−11 18.3	2.138	3.074	8.0	20.5
4 21	14 53.78	−10 14.0	2.086	3.070	4.6	20.2
5 1	14 45.52	− 9 8.1	2.062	3.066	2.2	20.1
5 11	14 37.10	− 8 5.8	2.068	3.060	4.3	20.2
5 21	14 29.31	− 7 11.8	2.101	3.055	7.7	20.4
5 31	14 22.86	− 6 30.1	2.161	3.048	11.0	20.6
6 10	14 18.25	− 6 2.7	2.242	3.042	13.8	20.8

364693 2007 UQ_{30} 5 3.6 226°.27 2°.3/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.87	− 6 42.6	3.828	4.687	6.9	21.7
4 11	14 55.63	− 6 1.9	3.745	4.677	5.0	21.5
4 21	14 50.50	− 5 20.9	3.689	4.667	3.2	21.4
5 1	14 44.84	− 4 42.0	3.663	4.657	2.3	21.3
5 11	14 39.07	− 4 7.5	3.667	4.647	3.4	21.4
5 21	14 33.61	− 3 39.5	3.700	4.636	5.3	21.5
5 31	14 28.84	− 3 19.6	3.760	4.625	7.3	21.6
6 10	14 25.06	− 3 8.7	3.843	4.614	9.0	21.7

437956 2002 TU_{67} 5 3.6 212°.25 13°.4/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.35	−44 48.4	1.261	2.030	23.0	21.0
4 11	15 10.45	−45 44.0	1.187	2.028	20.3	20.8
4 21	15 0.21	−46 2.7	1.129	2.025	17.3	20.6
5 1	14 46.95	−45 34.8	1.088	2.021	14.7	20.4
5 11	14 32.95	−44 17.6	1.068	2.018	13.4	20.3
5 21	14 20.64	−42 17.9	1.069	2.014	14.2	20.4
5 31	14 11.91	−39 50.9	1.091	2.009	16.7	20.5
6 10	14 7.66	−37 15.7	1.132	2.004	19.9	20.7

458808 2011 SD_{231} 5 3.6 239°.05 3°.5/ 5.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.18	−25 33.0	1.662	2.498	15.4	22.0
4 11	15 5.98	−25 37.4	1.571	2.485	11.9	21.8
4 21	14 57.06	−25 24.9	1.502	2.471	7.9	21.5
5 1	14 46.26	−24 54.7	1.458	2.456	4.2	21.2
5 11	14 34.88	−24 9.1	1.441	2.440	4.4	21.2
5 21	14 24.30	−23 13.7	1.450	2.424	8.4	21.4
5 31	14 15.72	−22 16.0	1.484	2.407	12.7	21.6
6 10	14 9.98	−21 23.8	1.539	2.390	16.6	21.8

150965 2001 TY_{164} 5 3.6 87°.53 2°.6/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.77	− 9 14.1	1.674	2.543	13.7	19.7
4 11	15 4.41	− 9 9.1	1.612	2.550	10.0	19.5
4 21	14 55.85	− 9 3.3	1.573	2.557	5.9	19.3
5 1	14 45.96	− 8 59.6	1.561	2.564	2.7	19.1
5 11	14 35.90	− 9 1.4	1.575	2.571	4.9	19.3
5 21	14 26.75	− 9 11.0	1.617	2.578	8.9	19.5
5 31	14 19.45	− 9 30.5	1.682	2.584	12.7	19.7
6 10	14 14.57	−10 0.6	1.768	2.591	16.0	20.0

373562 2001 WS_{87} 5 3.6 197°.30 1°.5/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.47	−22 27.8	2.279	3.114	11.8	22.9
4 11	15 2.45	−22 7.7	2.194	3.111	8.8	22.7
4 21	14 54.64	−21 35.9	2.133	3.107	5.5	22.5
5 1	14 45.72	−20 53.7	2.100	3.103	2.1	22.2
5 11	14 36.57	−20 4.3	2.096	3.098	2.8	22.3
5 21	14 28.07	−19 12.2	2.120	3.092	6.3	22.5
5 31	14 21.00	−18 22.4	2.172	3.086	9.7	22.7
6 10	14 15.87	−17 39.3	2.247	3.079	12.7	22.9

508518 2016 QS_{71} 5 3.6 230°.13 2°.7/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.01	−26 41.3	2.333	3.159	11.9	21.2
4 11	14 59.95	−26 21.2	2.249	3.156	9.1	21.0
4 21	14 53.20	−25 46.9	2.188	3.153	6.1	20.8
5 1	14 45.42	−24 59.4	2.154	3.150	3.3	20.6
5 11	14 37.44	−24 1.7	2.148	3.147	3.3	20.6
5 21	14 30.11	−22 58.4	2.170	3.143	6.1	20.7
5 31	14 24.13	−21 55.0	2.219	3.140	9.2	20.9
6 10	14 20.03	−20 56.6	2.291	3.136	12.0	21.1

111267 2001 XN_{29} 5 3.6 87°.74 5°.6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.69	+ 0 44.8	2.281	3.144	10.8	19.0
4 11	14 59.45	+ 1 35.7	2.230	3.156	8.3	18.8
4 21	14 52.78	+ 2 20.9	2.205	3.168	6.2	18.7
5 1	14 45.31	+ 2 55.6	2.207	3.179	5.7	18.7
5 11	14 37.80	+ 3 16.3	2.235	3.191	7.0	18.8
5 21	14 30.96	+ 3 20.9	2.290	3.202	9.3	18.9
5 31	14 25.39	+ 3 9.1	2.369	3.213	11.7	19.1
6 10	14 21.48	+ 2 41.9	2.468	3.225	13.8	19.3

505293 2012 WL_6 5 3.6 114°.20 0°.6/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.62	−15 8.3	2.489	3.343	10.3	22.4
4 11	15 0.09	−14 44.0	2.425	3.357	7.4	22.2
4 21	14 53.15	−14 14.3	2.387	3.371	4.2	22.0
5 1	14 45.40	−13 41.8	2.378	3.384	0.9	21.8
5 11	14 37.60	−13 9.5	2.397	3.397	2.8	21.9
5 21	14 30.43	−12 40.6	2.445	3.410	6.1	22.2
5 31	14 24.48	−12 18.1	2.520	3.423	9.0	22.4
6 10	14 20.17	−12 3.9	2.618	3.435	11.5	22.6

434479 2005 QG_{166} 5 3.6 166°.93 15°.4/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.93	+16 46.8	1.414	2.251	17.6	21.8
4 11	15 6.20	+19 26.7	1.384	2.257	16.0	21.7
4 21	14 56.92	+21 40.9	1.376	2.263	15.4	21.7
5 1	14 46.19	+23 16.6	1.390	2.267	16.0	21.8
5 11	14 35.40	+24 6.6	1.424	2.271	17.6	21.9
5 21	14 25.85	+24 10.6	1.477	2.273	19.7	22.0
5 31	14 18.55	+23 33.1	1.545	2.274	21.7	22.2
6 10	14 14.05	+22 22.2	1.625	2.274	23.4	22.3

336879 2011 GP_{47} 5 3.6 210°.10 4°.7/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.74	− 4 57.5	1.911	2.784	12.1	21.1
4 11	15 0.57	− 4 3.4	1.846	2.783	9.0	20.9
4 21	14 53.58	− 3 10.2	1.805	2.782	6.0	20.7
5 1	14 45.51	− 2 23.3	1.791	2.782	4.7	20.6
5 11	14 37.28	− 1 47.8	1.803	2.781	6.5	20.7
5 21	14 29.76	− 1 27.4	1.842	2.780	9.7	20.9
5 31	14 23.73	− 1 24.0	1.904	2.778	12.8	21.1
6 10	14 19.70	− 1 37.5	1.986	2.777	15.6	21.3

75234 1999 WO_7 5 3.6 88°.24 2°.4/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.11	−11 24.6	1.568	2.439	14.4	19.7
4 11	15 3.92	−10 54.8	1.516	2.456	10.3	19.5
4 21	14 55.53	−10 21.0	1.487	2.472	5.9	19.3
5 1	14 45.91	− 9 47.5	1.484	2.488	2.5	19.1
5 11	14 36.24	− 9 19.3	1.508	2.504	4.9	19.3
5 21	14 27.65	− 9 0.4	1.558	2.520	9.1	19.6
5 31	14 21.00	− 8 54.0	1.632	2.536	13.0	19.8
6 10	14 16.83	− 9 1.3	1.725	2.551	16.2	20.1

55110 2001 QF_{146} 5 3.6 131°.28 3°.3/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.17	− 7 29.5	2.381	3.248	10.3	19.5
4 11	14 59.08	− 6 31.2	2.320	3.256	7.5	19.3
4 21	14 52.59	− 5 31.8	2.284	3.264	4.7	19.2
5 1	14 45.30	− 4 35.9	2.277	3.272	3.3	19.1
5 11	14 37.94	− 3 47.7	2.298	3.279	5.0	19.2
5 21	14 31.20	− 3 10.8	2.347	3.287	7.8	19.4
5 31	14 25.66	− 2 47.3	2.421	3.294	10.5	19.6
6 10	14 21.74	− 2 38.1	2.516	3.301	12.8	19.8

259430 2003 SN_6 5 3.6 253°.10 0°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.47	−16 43.0	1.943	2.798	12.7	21.9
4 11	15 3.58	−15 53.9	1.842	2.774	9.3	21.7
4 21	14 55.51	−14 53.2	1.765	2.749	5.4	21.4
5 1	14 45.96	−13 44.2	1.717	2.723	1.2	21.0
5 11	14 35.93	−12 32.3	1.696	2.696	3.8	21.2
5 21	14 26.48	−11 23.9	1.704	2.669	8.3	21.4
5 31	14 18.56	−10 25.0	1.738	2.640	12.4	21.5
6 10	14 12.89	− 9 40.3	1.793	2.610	16.0	21.7

45245 1999 XN_{242} 5 3.6 188°.86 0°.0/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.82	−19 44.3	2.040	2.894	12.2	18.7
4 11	14 59.88	−18 39.1	1.963	2.894	8.9	18.5
4 21	14 53.17	−17 21.3	1.911	2.894	5.1	18.2
5 1	14 45.44	−15 54.8	1.887	2.894	1.0	17.9
5 11	14 37.57	−14 25.7	1.891	2.893	3.1	18.1
5 21	14 30.43	−13 0.5	1.924	2.892	7.1	18.4
5 31	14 24.75	−11 45.2	1.982	2.892	10.7	18.6
6 10	14 21.03	−10 44.1	2.063	2.891	13.8	18.8

521212 2015 FJ_{414} 5 3.6 265°.55 5°.3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.11	− 1 26.1	2.187	3.055	11.0	21.4
4 11	14 59.21	− 0 29.7	2.122	3.053	8.3	21.2
4 21	14 52.75	+ 0 23.2	2.082	3.051	6.1	21.1
5 1	14 45.36	+ 1 7.6	2.069	3.048	5.4	21.0
5 11	14 37.82	+ 1 38.9	2.083	3.046	6.9	21.1
5 21	14 30.90	+ 1 54.3	2.123	3.044	9.5	21.3
5 31	14 25.25	+ 1 52.5	2.187	3.042	12.1	21.4
6 10	14 21.34	+ 1 34.1	2.271	3.039	14.5	21.6

303871 2005 TE_7 5 3.6 258°.91 1°.2/ 4.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.89	−23 3.9	2.456	3.294	11.0	20.7
4 11	14 59.07	−22 20.7	2.363	3.283	8.2	20.5
4 21	14 52.69	−21 24.9	2.296	3.271	5.0	20.3
5 1	14 45.35	−20 18.5	2.256	3.260	1.8	20.1
5 11	14 37.81	−19 5.7	2.245	3.248	2.6	20.1
5 21	14 30.83	−17 51.2	2.264	3.236	5.9	20.3
5 31	14 25.07	−16 40.4	2.309	3.224	9.2	20.5
6 10	14 21.02	−15 37.9	2.378	3.212	12.0	20.6

352110 2007 CM_{22} 5 3.6 110°.78 1°.9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.95	−13 41.2	1.292	2.169	16.4	20.9
4 11	15 5.08	−13 8.4	1.233	2.176	11.9	20.7
4 21	14 56.44	−12 27.6	1.195	2.182	6.8	20.4
5 1	14 46.14	−11 43.4	1.182	2.188	2.1	20.1
5 11	14 35.63	−11 2.4	1.195	2.194	5.1	20.3
5 21	14 26.32	−10 30.5	1.231	2.200	10.2	20.6
5 31	14 19.33	−10 12.7	1.290	2.206	14.9	20.9
6 10	14 15.29	−10 11.3	1.368	2.211	18.7	21.2

109244 2001 QZ_{98} 5 3.6 206°.83 0°.5/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.75	−16 37.0	2.358	3.208	11.0	20.7
4 11	15 1.85	−15 58.9	2.272	3.201	8.0	20.5
4 21	14 54.28	−15 12.8	2.211	3.194	4.6	20.2
5 1	14 45.69	−14 21.3	2.179	3.186	1.0	20.0
5 11	14 36.88	−13 28.4	2.177	3.177	3.0	20.1
5 21	14 28.65	−12 38.5	2.203	3.167	6.7	20.3
5 31	14 21.73	−11 55.6	2.256	3.157	10.0	20.5
6 10	14 16.62	−11 23.1	2.332	3.146	12.9	20.7

394800 2008 RL_{26} 5 3.6 207°.62 1°.4/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.13	−21 27.6	2.405	3.241	11.2	22.3
4 11	15 2.17	−21 18.2	2.317	3.236	8.4	22.1
4 21	14 54.50	−20 58.8	2.254	3.229	5.2	21.8
5 1	14 45.74	−20 30.5	2.219	3.222	1.9	21.6
5 11	14 36.72	−19 55.9	2.213	3.215	2.7	21.6
5 21	14 28.28	−19 18.5	2.235	3.207	6.1	21.9
5 31	14 21.16	−18 42.6	2.285	3.198	9.4	22.0
6 10	14 15.89	−18 12.0	2.358	3.189	12.2	22.2

404153 2013 CU_{38} 5 3.6 44°.08 3°.5/ 5.1 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.32	−22 8.0	1.155	2.023	18.7	20.7
4 11	15 6.52	−22 44.9	1.101	2.033	14.1	20.5
4 21	14 57.47	−23 6.2	1.066	2.044	9.0	20.2
5 1	14 46.38	−23 10.6	1.054	2.056	4.2	20.0
5 11	14 35.00	−23 0.5	1.066	2.068	4.9	20.0
5 21	14 25.01	−22 41.4	1.101	2.080	9.7	20.3
5 31	14 17.75	−22 20.7	1.158	2.093	14.5	20.6
6 10	14 13.95	−22 5.3	1.234	2.106	18.6	20.9

319698 2006 TJ_{129} 5 3.6 333°.91 1°.3/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.70	−20 47.6	1.425	2.292	15.8	20.8
4 11	15 2.04	−20 31.2	1.352	2.286	11.8	20.6
4 21	14 54.77	−19 59.8	1.300	2.282	7.1	20.3
5 1	14 45.83	−19 15.5	1.272	2.277	2.3	20.0
5 11	14 36.51	−18 23.2	1.269	2.273	3.8	20.1
5 21	14 28.14	−17 29.8	1.291	2.269	8.8	20.3
5 31	14 21.84	−16 42.5	1.336	2.265	13.4	20.6
6 10	14 18.31	−16 7.0	1.401	2.263	17.4	20.8

338802 2003 UZ_{401} 5 3.6 315°.57 1°.5/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.53	−15 31.1	1.542	2.420	14.2	20.7
4 11	14 59.64	−14 40.8	1.454	2.397	10.4	20.4
4 21	14 53.39	−13 38.6	1.388	2.375	5.9	20.1
5 1	14 45.55	−12 28.9	1.347	2.353	1.7	19.7
5 11	14 37.23	−11 18.6	1.331	2.331	4.6	19.9
5 21	14 29.60	−10 15.1	1.341	2.311	9.5	20.1
5 31	14 23.72	− 9 25.1	1.374	2.290	14.1	20.3
6 10	14 20.32	− 8 53.0	1.426	2.270	18.0	20.5

179519 2002 CP_{160} 5 3.6 162°.02 1°.4/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.25	−11 48.2	2.833	3.688	9.2	21.0
4 11	14 59.73	−11 26.6	2.761	3.693	6.6	20.8
4 21	14 52.94	−11 2.3	2.715	3.698	3.8	20.7
5 1	14 45.41	−10 37.5	2.697	3.702	1.4	20.5
5 11	14 37.76	−10 14.7	2.710	3.706	3.1	20.6
5 21	14 30.62	− 9 56.6	2.752	3.709	5.9	20.8
5 31	14 24.53	− 9 45.1	2.821	3.712	8.5	21.0
6 10	14 19.89	− 9 41.8	2.913	3.715	10.8	21.2

177978 2006 QE_{23} 5 3.6 259°.96 0°.9/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.18	−18 14.3	1.711	2.566	14.2	20.6
4 11	15 5.12	−18 21.3	1.621	2.551	10.5	20.4
4 21	14 56.54	−18 19.3	1.554	2.535	6.3	20.1
5 1	14 46.22	−18 8.9	1.512	2.518	1.7	19.7
5 11	14 35.33	−17 52.6	1.498	2.501	3.5	19.8
5 21	14 25.11	−17 34.4	1.511	2.484	8.3	20.0
5 31	14 16.70	−17 19.0	1.549	2.467	12.7	20.3
6 10	14 10.88	−17 11.0	1.607	2.449	16.5	20.5

57565 2001 TB_{52} 5 3.6 114°.94 3°.1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.99	− 8 20.3	2.425	3.291	10.1	19.8
4 11	14 58.92	− 7 18.9	2.367	3.304	7.3	19.6
4 21	14 52.49	− 6 16.0	2.335	3.316	4.5	19.4
5 1	14 45.31	− 5 16.0	2.331	3.328	3.1	19.4
5 11	14 38.08	− 4 23.3	2.356	3.339	4.7	19.5
5 21	14 31.48	− 3 41.4	2.409	3.351	7.5	19.7
5 31	14 26.07	− 3 12.8	2.488	3.362	10.2	19.9
6 10	14 22.25	− 2 58.2	2.588	3.373	12.5	20.0

347650 2001 TW_{89} 5 3.6 154°.18 0°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.73	−19 37.7	2.752	3.593	9.8	21.3
4 11	14 59.41	−18 59.6	2.677	3.601	7.2	21.1
4 21	14 52.76	−18 13.2	2.628	3.607	4.2	21.0
5 1	14 45.37	−17 20.7	2.608	3.614	1.0	20.7
5 11	14 37.90	−16 25.5	2.617	3.620	2.3	20.8
5 21	14 30.98	−15 31.4	2.657	3.625	5.4	21.1
5 31	14 25.19	−14 42.2	2.723	3.630	8.3	21.2
6 10	14 20.92	−14 0.9	2.814	3.635	10.7	21.4

503863 1999 SU_3 5 3.6 220°.88 2°.0/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.51	−22 59.8	2.517	3.344	11.1	22.2
4 11	15 3.20	−23 5.5	2.422	3.334	8.4	22.0
4 21	14 55.12	−23 1.3	2.352	3.322	5.4	21.8
5 1	14 45.90	−22 47.4	2.310	3.310	2.5	21.6
5 11	14 36.35	−22 25.5	2.297	3.298	2.9	21.6
5 21	14 27.30	−21 58.5	2.314	3.284	6.0	21.8
5 31	14 19.54	−21 30.3	2.358	3.270	9.1	21.9
6 10	14 13.62	−21 4.8	2.426	3.256	11.9	22.1

213404 2001 WH_3 5 3.6 63°.47 0°.2/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.00	−19 53.7	2.026	2.880	12.3	19.6
4 11	14 59.81	−18 34.0	1.973	2.904	8.9	19.4
4 21	14 53.02	−17 2.8	1.945	2.928	5.0	19.2
5 1	14 45.42	−15 25.3	1.946	2.952	1.0	18.9
5 11	14 37.88	−13 48.0	1.975	2.976	3.1	19.2
5 21	14 31.22	−12 17.6	2.033	3.000	6.9	19.4
5 31	14 26.05	−10 59.6	2.117	3.024	10.3	19.7
6 10	14 22.78	− 9 57.2	2.224	3.048	13.1	19.9

469189 2016 GB_{124} 5 3.6 45°.49 10°.5/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.06	+ 5 9.8	1.370	2.250	15.5	20.3
4 11	15 0.38	+ 7 5.8	1.340	2.266	12.6	20.2
4 21	14 53.54	+ 8 47.4	1.332	2.282	10.8	20.1
5 1	14 45.54	+10 4.2	1.347	2.298	10.8	20.1
5 11	14 37.59	+10 49.1	1.385	2.316	12.6	20.3
5 21	14 30.75	+11 0.4	1.444	2.333	15.1	20.5
5 31	14 25.86	+10 39.8	1.522	2.351	17.7	20.7
6 10	14 23.36	+ 9 52.4	1.616	2.369	20.0	20.9

308085 2004 UP_{6} 5 3.6 238°.23 2°.3/ 5.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.18	−23 22.8	1.604	2.453	15.3	21.7
4 11	15 4.48	−23 9.0	1.520	2.443	11.6	21.5
4 21	14 56.17	−22 38.8	1.457	2.433	7.3	21.2
5 1	14 46.15	−21 52.8	1.420	2.423	3.1	20.9
5 11	14 35.67	−20 55.1	1.409	2.412	3.8	20.9
5 21	14 26.05	−19 52.2	1.425	2.401	8.3	21.1
5 31	14 18.43	−18 51.9	1.465	2.389	12.8	21.4
6 10	14 13.54	−18 1.0	1.525	2.377	16.7	21.6

505311 2012 XH_{60} 5 3.6 89°.76 0°.3/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.71	−16 24.5	2.260	3.115	11.2	22.0
4 11	15 0.30	−15 58.9	2.199	3.131	8.1	21.9
4 21	14 53.34	−15 26.7	2.163	3.146	4.6	21.7
5 1	14 45.51	−14 50.4	2.155	3.161	0.9	21.4
5 11	14 37.63	−14 13.6	2.175	3.176	2.9	21.6
5 21	14 30.45	−13 39.8	2.223	3.191	6.4	21.8
5 31	14 24.61	−13 12.5	2.298	3.206	9.5	22.1
6 10	14 20.56	−12 54.2	2.395	3.220	12.2	22.3

267040 1998 FW 5 3.6 338°.46 0°.8/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.23	−14 59.1	1.681	2.550	13.7	20.6
4 11	15 2.02	−14 43.7	1.609	2.547	10.0	20.4
4 21	14 54.61	−14 21.2	1.559	2.545	5.7	20.1
5 1	14 45.81	−13 54.4	1.536	2.543	1.3	19.8
5 11	14 36.73	−13 27.2	1.539	2.541	3.8	20.0
5 21	14 28.46	−13 4.2	1.569	2.539	8.3	20.3
5 31	14 21.94	−12 49.5	1.622	2.538	12.3	20.5
6 10	14 17.79	−12 45.9	1.696	2.536	15.8	20.7

238844 2005 US_{185} 5 3.6 190°.81 0°.6/ 3.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.98	−15 36.2	1.535	2.400	15.0	21.5
4 11	15 5.66	−15 19.9	1.463	2.399	11.0	21.2
4 21	14 56.79	−14 54.9	1.414	2.398	6.3	20.9
5 1	14 46.28	−14 24.0	1.390	2.397	1.3	20.6
5 11	14 35.44	−13 51.7	1.393	2.394	4.1	20.8
5 21	14 25.56	−13 23.2	1.422	2.392	9.0	21.1
5 31	14 17.72	−13 3.4	1.475	2.389	13.4	21.3
6 10	14 12.62	−12 55.8	1.548	2.385	17.2	21.5

517595 2014 WF_{232} 5 3.6 194°.76 1°.0/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.22	−11 0.1	4.670	5.524	5.9	21.5
4 11	14 54.35	−10 44.2	4.591	5.523	4.2	21.4
4 21	14 49.77	−10 27.1	4.539	5.522	2.4	21.3
5 1	14 44.79	−10 10.0	4.517	5.521	1.0	21.1
5 11	14 39.73	− 9 54.5	4.526	5.520	2.0	21.2
5 21	14 34.92	− 9 41.9	4.563	5.519	3.8	21.4
5 31	14 30.67	− 9 33.4	4.629	5.517	5.5	21.5
6 10	14 27.22	− 9 29.9	4.719	5.516	7.1	21.6

111672 2002 BN_{13} 5 3.6 120°.00 2°.4/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.84	− 8 52.9	2.386	3.249	10.4	20.3
4 11	15 0.37	− 8 34.4	2.318	3.253	7.5	20.1
4 21	14 53.41	− 8 15.1	2.275	3.257	4.5	19.9
5 1	14 45.56	− 7 57.6	2.260	3.262	2.4	19.8
5 11	14 37.59	− 7 44.8	2.274	3.266	4.0	19.9
5 21	14 30.20	− 7 39.2	2.316	3.270	7.1	20.1
5 31	14 24.05	− 7 42.6	2.383	3.274	10.0	20.3
6 10	14 19.57	− 7 55.7	2.473	3.277	12.5	20.5

151852 2003 GX_{36} 5 3.6 122°.48 3°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.12	− 7 56.4	1.922	2.785	12.5	20.2
4 11	15 4.40	− 7 42.3	1.863	2.797	9.1	20.0
4 21	14 55.78	− 7 28.1	1.828	2.809	5.5	19.8
5 1	14 46.05	− 7 17.1	1.820	2.821	3.0	19.7
5 11	14 36.24	− 7 12.5	1.841	2.832	4.9	19.8
5 21	14 27.27	− 7 16.7	1.889	2.843	8.4	20.0
5 31	14 19.96	− 7 31.2	1.963	2.854	11.7	20.3
6 10	14 14.80	− 7 56.5	2.058	2.864	14.6	20.5

158057 2000 SK_{272} 5 3.6 89°.09 0°.7/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.42	−17 5.0	1.858	2.718	13.0	20.1
4 11	15 1.74	−16 14.1	1.804	2.738	9.4	19.9
4 21	14 54.23	−15 14.0	1.774	2.758	5.3	19.7
5 1	14 45.72	−14 8.8	1.771	2.778	1.1	19.4
5 11	14 37.23	−13 4.4	1.796	2.797	3.5	19.6
5 21	14 29.67	−12 6.0	1.849	2.816	7.5	19.9
5 31	14 23.76	−11 18.6	1.927	2.835	11.1	20.2
6 10	14 19.95	−10 44.9	2.027	2.853	14.1	20.4

300184 2006 WK_{61} 5 3.6 159°.19 3°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.17	− 4 13.0	2.714	3.574	9.4	21.1
4 11	14 59.71	− 3 41.1	2.648	3.579	6.9	20.9
4 21	14 52.96	− 3 11.0	2.609	3.583	4.6	20.8
5 1	14 45.47	− 2 45.9	2.597	3.587	3.5	20.7
5 11	14 37.89	− 2 28.7	2.615	3.591	4.9	20.8
5 21	14 30.83	− 2 21.4	2.661	3.595	7.2	20.9
5 31	14 24.85	− 2 25.3	2.732	3.598	9.7	21.1
6 10	14 20.33	− 2 40.5	2.826	3.601	11.8	21.3

64131 2001 TP_{26} 5 3.6 122°.34 1°.1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.21	−21 19.4	1.593	2.445	15.2	19.6
4 11	15 4.87	−20 46.2	1.532	2.459	11.2	19.4
4 21	14 56.18	−19 58.3	1.493	2.473	6.7	19.1
5 1	14 46.15	−18 58.5	1.481	2.486	2.0	18.9
5 11	14 36.04	−17 52.6	1.495	2.499	3.5	19.0
5 21	14 27.04	−16 47.6	1.537	2.511	8.1	19.3
5 31	14 20.09	−15 50.2	1.603	2.522	12.2	19.6
6 10	14 15.74	−15 5.7	1.690	2.533	15.7	19.8

441667 2008 WR_{138} 5 3.6 186°.52 0°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.97	−18 0.0	4.211	5.049	6.8	22.9
4 11	14 56.41	−17 44.6	4.125	5.048	4.9	22.8
4 21	14 50.99	−17 24.8	4.067	5.047	2.9	22.7
5 1	14 45.07	−17 1.8	4.039	5.045	0.7	22.5
5 11	14 39.06	−16 37.1	4.041	5.043	1.6	22.6
5 21	14 33.35	−16 12.6	4.074	5.041	3.8	22.7
5 31	14 28.31	−15 50.2	4.134	5.039	5.8	22.9
6 10	14 24.24	−15 31.5	4.220	5.036	7.5	23.0

502551 2015 BJ_{468} 5 3.6 201°.01 4°.9/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.19	−29 41.9	2.014	2.826	14.0	21.8
4 11	15 4.90	−30 10.6	1.931	2.824	11.2	21.6
4 21	14 56.31	−30 23.5	1.871	2.822	8.1	21.4
5 1	14 46.22	−30 18.6	1.835	2.819	5.5	21.2
5 11	14 35.74	−29 57.0	1.827	2.816	5.2	21.2
5 21	14 26.00	−29 22.1	1.847	2.813	7.6	21.3
5 31	14 18.01	−28 39.8	1.891	2.809	10.7	21.5
6 10	14 12.45	−27 56.6	1.958	2.805	13.7	21.7

303893 2005 TP_{100} 5 3.6 324°.94 2°.6/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.34	−24 38.4	2.191	3.026	12.2	20.8
4 11	15 0.36	−24 37.5	2.108	3.022	9.3	20.6
4 21	14 53.56	−24 24.3	2.049	3.019	6.1	20.4
5 1	14 45.63	−23 59.2	2.016	3.015	3.1	20.2
5 11	14 37.45	−23 24.7	2.011	3.011	3.3	20.2
5 21	14 29.89	−22 44.7	2.034	3.008	6.4	20.4
5 31	14 23.74	−22 3.9	2.082	3.005	9.6	20.6
6 10	14 19.55	−21 27.0	2.153	3.002	12.6	20.8

353985 2000 JW_{60} 5 3.6 342°.46 2°.3/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 54.12	−20 33.0	0.777	1.691	20.2	19.5
4 11	14 54.31	−20 42.2	0.705	1.665	15.4	19.1
4 21	14 51.06	−20 30.6	0.650	1.640	9.6	18.7
5 1	14 45.22	−19 58.9	0.613	1.619	3.5	18.2
5 11	14 38.47	−19 12.5	0.594	1.600	5.1	18.2
5 21	14 32.74	−18 21.1	0.592	1.584	11.8	18.5
5 31	14 29.87	−17 36.2	0.607	1.572	18.3	18.7
6 10	14 30.98	−17 7.5	0.635	1.563	23.8	19.0

95096 2002 AM_{105} 5 3.6 254°.80 3°.4/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.57	−25 48.3	1.716	2.551	15.1	19.5
4 11	15 5.60	−25 48.5	1.618	2.532	11.7	19.3
4 21	14 56.93	−25 31.6	1.543	2.511	7.8	19.0
5 1	14 46.39	−24 56.8	1.492	2.490	4.2	18.7
5 11	14 35.21	−24 6.4	1.468	2.468	4.3	18.7
5 21	14 24.71	−23 5.9	1.471	2.445	8.3	18.9
5 31	14 16.13	−22 2.8	1.498	2.422	12.6	19.0
6 10	14 10.29	−21 5.2	1.547	2.398	16.6	19.2

466559 2014 SO_{338} 5 3.6 170°.76 0°.4/ 3.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.34	−15 41.6	2.040	2.891	12.4	22.8
4 11	15 4.63	−15 26.5	1.966	2.896	9.0	22.6
4 21	14 55.98	−15 4.5	1.917	2.900	5.1	22.4
5 1	14 46.14	−14 37.8	1.896	2.903	1.1	22.1
5 11	14 36.10	−14 9.8	1.904	2.905	3.3	22.2
5 21	14 26.82	−13 44.2	1.940	2.907	7.3	22.5
5 31	14 19.13	−13 24.9	2.002	2.907	10.9	22.7
6 10	14 13.59	−13 14.6	2.087	2.907	14.0	22.9

19706 1999 TU_{11} 5 3.6 294°.67 1°.6/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.00	−14 37.7	2.221	3.085	11.0	17.6
4 11	14 58.62	−13 35.2	2.125	3.062	8.0	17.3
4 21	14 52.57	−12 23.9	2.054	3.039	4.6	17.1
5 1	14 45.44	−11 7.7	2.011	3.016	1.6	16.8
5 11	14 38.02	− 9 52.1	1.996	2.993	3.9	16.9
5 21	14 31.10	− 8 42.5	2.010	2.970	7.5	17.1
5 31	14 25.40	− 7 43.9	2.049	2.947	11.0	17.3
6 10	14 21.48	− 6 59.8	2.110	2.923	14.0	17.4

149415 2003 BM_8 5 3.6 37.°37 0.°4/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.22	−17 19.5	1.410	2.285	15.4	19.6
4 11	15 1.48	−16 42.8	1.353	2.294	11.2	19.4
4 21	14 54.34	−15 54.4	1.318	2.304	6.4	19.1
5 1	14 45.80	−14 58.9	1.307	2.314	1.3	18.8
5 11	14 37.14	−14 2.5	1.322	2.325	4.0	19.0
5 21	14 29.54	−13 12.0	1.362	2.336	8.9	19.3
5 31	14 23.97	−12 33.2	1.425	2.347	13.2	19.6
6 10	14 21.00	−12 9.6	1.508	2.359	16.8	19.9

250342 2003 SQ_{156} 5 3.6 202.°40 0.°7/ 4.1 16

4 1	15 10.36	−19 40.7	1.989	2.835	12.9	21.8
4 11	15 4.09	−19 19.8	1.905	2.830	9.5	21.6
4 21	14 55.76	−18 47.8	1.846	2.825	5.6	21.3
5 1	14 46.12	−18 6.7	1.814	2.819	1.5	21.0
5 11	14 36.19	−17 20.2	1.810	2.813	3.1	21.1
5 21	14 26.99	−16 33.2	1.835	2.805	7.2	21.4
5 31	14 19.39	−15 50.9	1.885	2.797	11.1	21.6
6 10	14 14.02	−15 17.6	1.958	2.788	14.4	21.8

505281 2012 VE_{51} 5 3.6 332.°72 0.°7/ 3.3 17

4 1	15 10.51	−12 40.9	1.776	2.640	13.3	20.7
4 11	15 4.41	−13 4.4	1.698	2.634	9.7	20.5
4 21	14 56.05	−13 25.5	1.644	2.628	5.6	20.2
5 1	14 46.20	−13 45.1	1.616	2.623	1.3	19.9
5 11	14 35.96	−14 5.0	1.616	2.618	3.6	20.1
5 21	14 26.43	−14 27.0	1.644	2.613	8.0	20.3
5 31	14 18.62	−14 53.1	1.696	2.609	12.0	20.6
6 10	14 13.19	−15 25.2	1.769	2.605	15.4	20.8

32273 2000 PC_6 5 3.6 296.°68 4.°4/30.3 18

4 1	15 5.68	− 3 54.9	2.115	2.983	11.3	19.1
4 11	15 0.47	− 3 21.3	2.043	2.978	8.4	18.9
4 21	14 53.58	− 2 50.0	1.997	2.973	5.6	18.7
5 1	14 45.66	− 2 25.2	1.977	2.968	4.4	18.6
5 11	14 37.55	− 2 10.8	1.985	2.963	6.0	18.7
5 21	14 30.05	− 2 9.2	2.020	2.958	8.9	18.9
5 31	14 23.88	− 2 21.8	2.079	2.953	11.9	19.1
6 10	14 19.56	− 2 48.6	2.158	2.949	14.5	19.2

347898 2002 UH_{74} 5 3.6 67.°68 2.°2/ 2.6 18

4 1	15 11.76	−11 59.0	1.228	2.109	16.9	20.7
4 11	15 5.82	−11 45.2	1.171	2.115	12.2	20.4
4 21	14 56.99	−11 26.4	1.135	2.122	7.0	20.1
5 1	14 46.39	−11 6.7	1.123	2.129	2.4	19.9
5 11	14 35.56	−10 51.1	1.136	2.136	5.3	20.1
5 21	14 25.96	−10 44.3	1.174	2.143	10.5	20.4
5 31	14 18.79	−10 49.9	1.233	2.150	15.2	20.7
6 10	14 14.71	−11 9.5	1.310	2.158	19.1	20.9

332853 2010 RL_{44} 5 3.6 166.°87 2.°9/ 1.5 17

4 1	15 8.05	−11 21.1	1.740	2.610	13.2	21.2
4 11	15 2.45	−10 21.9	1.673	2.613	9.6	20.9
4 21	14 54.79	− 9 17.1	1.631	2.615	5.6	20.7
5 1	14 45.92	− 8 12.1	1.615	2.618	2.9	20.5
5 11	14 36.88	− 7 13.3	1.627	2.619	5.2	20.7
5 21	14 28.68	− 6 26.1	1.665	2.621	9.2	20.9
5 31	14 22.20	− 5 54.4	1.728	2.622	12.9	21.1
6 10	14 17.96	− 5 40.1	1.810	2.622	16.1	21.4

153641 2001 TD_{79} 5 3.6 90.°30 1.°5/ 2.3 18

4 1	15 8.06	−15 38.3	1.854	2.716	12.9	19.5
4 11	15 2.13	−14 26.8	1.805	2.741	9.2	19.3
4 21	14 54.43	−13 7.1	1.781	2.766	5.2	19.1
5 1	14 45.81	−11 44.7	1.785	2.791	1.6	18.9
5 11	14 37.27	−10 26.1	1.817	2.815	4.0	19.1
5 21	14 29.70	− 9 17.2	1.877	2.838	7.9	19.4
5 31	14 23.80	− 8 22.5	1.962	2.861	11.3	19.6
6 10	14 19.99	− 7 44.3	2.069	2.884	14.2	19.9

173833 2001 TW_{82} 5 3.6 145.°13 1.°0/ 4.6 17

4 1	15 5.93	−21 2.4	2.694	3.530	10.2	21.5
4 11	15 0.36	−20 44.3	2.620	3.540	7.5	21.4
4 21	14 53.39	−20 17.5	2.572	3.548	4.5	21.2
5 1	14 45.62	−19 43.5	2.552	3.557	1.5	21.0
5 11	14 37.74	−19 5.1	2.562	3.565	2.3	21.1
5 21	14 30.44	−18 25.5	2.601	3.572	5.4	21.3
5 31	14 24.31	−17 48.5	2.667	3.579	8.2	21.5
6 10	14 19.77	−17 17.0	2.757	3.586	10.7	21.7

223235 2003 EY_{22} 5 3.6 45.°16 5.°1/ 6.3 17

4 1	15 11.53	−26 56.2	1.491	2.331	16.7	19.9
4 11	15 5.56	−27 40.3	1.430	2.342	13.0	19.7
4 21	14 56.83	−28 7.2	1.391	2.354	9.1	19.5
5 1	14 46.38	−28 14.6	1.375	2.367	5.7	19.3
5 11	14 35.63	−28 4.0	1.385	2.379	5.6	19.3
5 21	14 25.99	−27 39.9	1.419	2.392	8.7	19.5
5 31	14 18.63	−27 9.0	1.478	2.406	12.4	19.8
6 10	14 14.23	−26 38.9	1.557	2.419	15.9	20.0

281713 2008 WV_{107} 5 3.6 193.°48 2.°1/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.02	−11 32.9	2.231	3.094	11.0	21.5
4 11	15 0.66	−10 53.1	2.157	3.093	7.9	21.3
4 21	14 53.67	−10 9.2	2.107	3.091	4.6	21.1
5 1	14 45.69	− 9 24.7	2.086	3.089	2.1	20.9
5 11	14 37.55	− 8 43.9	2.093	3.087	4.0	21.0
5 21	14 30.02	− 8 10.4	2.128	3.084	7.4	21.2
5 31	14 23.80	− 7 47.5	2.188	3.081	10.6	21.4
6 10	14 19.38	− 7 36.8	2.271	3.078	13.4	21.6

93033 2000 RK_{102} 5 3.6 135.°90 5.°9/ 8.4 18

4 1	15 10.82	−34 15.9	2.098	2.888	14.3	19.7
4 11	15 4.51	−34 31.9	2.024	2.897	11.7	19.6
4 21	14 56.02	−34 28.4	1.971	2.905	8.9	19.4
5 1	14 46.20	−34 3.9	1.943	2.913	6.5	19.3
5 11	14 36.16	−33 20.1	1.942	2.921	6.0	19.2
5 21	14 27.01	−32 21.4	1.967	2.928	7.6	19.3
5 31	14 19.65	−31 14.6	2.019	2.935	10.2	19.5
6 10	14 14.68	−30 7.1	2.094	2.942	12.9	19.7

16822 1997 VA_5 5 3.6 171.°32 1.°0/ 3.0 18

4 1	15 12.20	−14 16.8	1.816	2.674	13.4	19.3
4 11	15 5.47	−14 1.8	1.745	2.678	9.7	19.1
4 21	14 56.56	−13 40.5	1.698	2.681	5.5	18.8
5 1	14 46.32	−13 15.6	1.677	2.684	1.3	18.6
5 11	14 35.84	−12 50.8	1.685	2.685	3.8	18.7
5 21	14 26.21	−12 30.0	1.721	2.687	8.1	19.0
5 31	14 18.35	−12 17.1	1.781	2.687	12.0	19.2
6 10	14 12.87	−12 14.7	1.864	2.687	15.3	19.4

243950 2001 QY_{132} 5 3.6 229.°96 5.°6/29.6 17

4 1	15 9.71	− 4 26.9	1.727	2.597	13.3	20.4
4 11	15 3.81	− 3 15.0	1.650	2.585	10.0	20.2
4 21	14 55.69	− 2 2.5	1.597	2.572	6.9	20.0
5 1	14 46.15	− 0 56.6	1.571	2.559	5.6	19.9
5 11	14 36.27	− 0 4.1	1.571	2.544	7.8	20.0
5 21	14 27.12	+ 0 29.7	1.598	2.529	11.3	20.1
5 31	14 19.66	+ 0 42.1	1.647	2.514	14.9	20.3
6 10	14 14.54	+ 0 33.0	1.715	2.497	18.0	20.5

240161 2002 PU_{25} 5 3.6 341.°93 4.°9/ 6.7 17

4 1	15 4.88	−28 9.1	1.507	2.352	16.3	19.8
4 11	15 0.88	−28 23.4	1.427	2.341	12.9	19.6
4 21	14 54.25	−28 18.1	1.367	2.332	9.0	19.3
5 1	14 45.87	−27 52.1	1.331	2.323	5.6	19.1
5 11	14 37.03	−27 7.7	1.319	2.315	5.3	19.1
5 21	14 29.04	−26 10.8	1.331	2.308	8.6	19.2
5 31	14 23.09	−25 9.4	1.366	2.302	12.6	19.4
6 10	14 19.92	−24 11.8	1.422	2.297	16.4	19.7

387438 2013 WR_{55} 5 3.6 148.°94 0.°5/ 3.3 18

4 1	15 7.93	−15 46.9	2.223	3.076	11.4	21.7
4 11	15 2.03	−15 26.5	2.153	3.084	8.3	21.5
4 21	14 54.44	−14 59.5	2.108	3.091	4.7	21.3
5 1	14 45.86	−14 28.5	2.091	3.097	1.0	21.0
5 11	14 37.15	−13 56.8	2.102	3.103	3.0	21.2
5 21	14 29.12	−13 27.9	2.142	3.109	6.7	21.4
5 31	14 22.49	−13 5.3	2.209	3.114	10.0	21.6
6 10	14 17.74	−12 51.5	2.297	3.119	12.8	21.8

54596 2000 QD_{225} 5 3.6 287.°38 1.°3/ 1.7 18

4 1	14 58.23	−10 31.6	4.153	5.011	6.4	19.6
4 11	14 54.48	−10 5.8	4.071	5.005	4.6	19.4
4 21	14 49.93	− 9 38.4	4.017	5.000	2.7	19.3
5 1	14 44.91	− 9 11.3	3.992	4.994	1.3	19.2
5 11	14 39.80	− 8 46.4	3.996	4.989	2.4	19.3
5 21	14 34.98	− 8 25.3	4.030	4.983	4.4	19.4
5 31	14 30.77	− 8 9.6	4.091	4.978	6.3	19.5
6 10	14 27.45	− 8 0.4	4.177	4.972	7.9	19.6

507317 2011 QU_{67} 5 3.6 175.°46 2.°8/ 6.3 18

4 1	15 8.65	−27 16.3	3.192	3.994	9.6	22.1
4 11	15 2.28	−27 33.8	3.105	3.997	7.4	21.9
4 21	14 54.52	−27 41.5	3.045	3.999	5.2	21.8
5 1	14 45.89	−27 39.1	3.012	4.001	3.2	21.6
5 11	14 37.06	−27 27.6	3.010	4.002	3.1	21.6
5 21	14 28.68	−27 9.0	3.037	4.002	5.0	21.7
5 31	14 21.37	−26 46.2	3.093	4.002	7.3	21.9
6 10	14 15.57	−26 22.8	3.174	4.002	9.5	22.0

413331 2003 WA_{113} 5 3.6 186.°51 0.°0/ 3.4 16

4 1	15 12.52	−16 9.0	1.891	2.743	13.2	21.3
4 11	15 5.73	−16 11.8	1.814	2.743	9.6	21.1
4 21	14 56.75	−16 7.8	1.761	2.743	5.6	20.9
5 1	14 46.38	−15 58.3	1.735	2.741	1.2	20.6
5 11	14 35.69	−15 46.0	1.738	2.740	3.3	20.7
5 21	14 25.78	−15 34.2	1.768	2.737	7.6	21.0
5 31	14 17.58	−15 26.6	1.824	2.734	11.5	21.2
6 10	14 11.73	−15 26.4	1.903	2.731	14.8	21.4

479040 2013 AX_{35} 5 3.6 158°.41 5°.5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.69	−35 5.7	2.504	3.284	12.5	21.1
4 11	15 2.03	−35 22.3	2.421	3.286	10.3	21.0
4 21	14 54.54	−35 22.1	2.361	3.288	8.0	20.8
5 1	14 45.91	−35 3.7	2.325	3.289	6.1	20.7
5 11	14 37.05	−34 28.3	2.317	3.291	5.5	20.7
5 21	14 28.85	−33 39.4	2.336	3.293	6.8	20.7
5 31	14 22.09	−32 42.0	2.381	3.294	9.0	20.9
6 10	14 17.34	−31 42.1	2.450	3.295	11.4	21.0

87838 2000 SA_{187} 5 3.6 255°.86 7°.1/ 8.8 18

4 1	15 11.08	−36 29.6	2.076	2.855	14.8	19.7
4 11	15 5.09	−36 57.1	1.976	2.838	12.4	19.5
4 21	14 56.61	−37 4.4	1.898	2.821	9.8	19.3
5 1	14 46.41	−36 48.2	1.844	2.804	7.7	19.1
5 11	14 35.65	−36 8.3	1.815	2.786	7.1	19.0
5 21	14 25.57	−35 8.4	1.813	2.768	8.6	19.1
5 31	14 17.30	−33 55.1	1.836	2.749	11.3	19.2
6 10	14 11.60	−32 37.1	1.882	2.730	14.1	19.4

134329 Cycnos 5 3.6 299°.27 2°.2/ 6.4 18

4 1	15 1.31	−26 43.7	4.205	5.012	7.4	19.7
4 11	14 56.78	−26 56.4	4.112	5.006	5.7	19.5
4 21	14 51.30	−27 2.0	4.044	5.000	3.9	19.4
5 1	14 45.23	−27 0.6	4.005	4.995	2.5	19.3
5 11	14 39.01	−26 53.2	3.996	4.989	2.4	19.3
5 21	14 33.07	−26 41.0	4.016	4.983	3.8	19.4
5 31	14 27.82	−26 26.1	4.064	4.978	5.6	19.5
6 10	14 23.60	−26 10.5	4.138	4.972	7.3	19.6

142039 2002 QX_{13} 5 3.6 52°.24 0°.6/ 3.2 17

4 1	15 6.98	−17 31.2	1.480	2.351	15.1	19.5
4 11	15 2.03	−16 42.4	1.416	2.355	11.0	19.3
4 21	14 54.71	−15 41.1	1.373	2.359	6.3	19.0
5 1	14 45.97	−14 31.8	1.356	2.363	1.3	18.7
5 11	14 37.04	−13 21.7	1.365	2.367	4.1	18.9
5 21	14 29.10	−12 18.0	1.399	2.371	8.9	19.2
5 31	14 23.13	−11 27.0	1.457	2.375	13.3	19.5
6 10	14 19.73	−10 52.8	1.535	2.379	17.0	19.7

29064 3129 $T\text{-}_3$ 5 3.6 183°.27 0°.7/ 3.1 18

4 1	15 8.79	−15 20.6	2.066	2.922	12.1	19.3
4 11	15 2.82	−14 54.5	1.990	2.922	8.7	19.1
4 21	14 54.99	−14 21.4	1.939	2.922	5.0	18.9
5 1	14 46.02	−13 44.0	1.915	2.922	1.1	18.6
5 11	14 36.85	−13 6.3	1.921	2.921	3.4	18.8
5 21	14 28.38	−12 32.3	1.954	2.919	7.3	19.0
5 31	14 21.40	−12 6.0	2.012	2.917	10.8	19.2
6 10	14 16.46	−11 50.1	2.093	2.915	13.9	19.4

501355 2013 YJ_{30} 5 3.6 168°.71 4°.1/29.5 17

4 1	15 5.69	− 2 58.3	2.678	3.536	9.5	22.2
4 11	15 0.12	− 2 6.9	2.613	3.541	7.1	22.1
4 21	14 53.26	− 1 17.6	2.575	3.545	5.0	21.9
5 1	14 45.64	− 0 34.4	2.565	3.549	4.2	21.9
5 11	14 37.94	− 0 0.7	2.585	3.552	5.5	22.0
5 21	14 30.77	+ 0 20.8	2.632	3.554	7.8	22.1
5 31	14 24.70	+ 0 28.8	2.705	3.556	10.2	22.3
6 10	14 20.12	+ 0 23.1	2.799	3.557	12.3	22.4

501416 2013 YP_{130} 5 3.6 133°.21 0°.4/ 3.4 17

4 1	15 8.00	−15 22.3	2.140	2.996	11.7	22.0
4 11	15 2.17	−15 14.1	2.069	3.001	8.5	21.9
4 21	14 54.58	−15 0.1	2.024	3.007	4.8	21.6
5 1	14 45.93	−14 42.2	2.005	3.012	1.0	21.4
5 11	14 37.12	−14 23.5	2.015	3.017	3.0	21.5
5 21	14 28.98	−14 6.9	2.054	3.022	6.8	21.8
5 31	14 22.29	−13 55.8	2.118	3.026	10.2	22.0
6 10	14 17.54	−13 52.4	2.204	3.031	13.1	22.2

24361 2000 AK_{120} 5 3.6 189°.97 2°.0/ 1.6 18

4 1	15 3.15	−10 22.7	2.701	3.563	9.4	19.1
4 11	14 58.36	− 9 45.3	2.627	3.562	6.7	19.0
4 21	14 52.29	− 9 5.3	2.579	3.562	4.0	18.8
5 1	14 45.45	− 8 25.9	2.559	3.561	2.0	18.6
5 11	14 38.48	− 7 50.4	2.568	3.560	3.6	18.8
5 21	14 32.00	− 7 21.5	2.606	3.559	6.4	18.9
5 31	14 26.56	− 7 1.8	2.670	3.557	9.1	19.1
6 10	14 22.56	− 6 52.6	2.756	3.556	11.5	19.3

130588 2000 RD_{83} 5 3.6 233°.80 6°.0/13.0 18

4 1	15 6.91	−49 28.9	4.752	5.396	8.7	20.2
4 11	15 1.06	−50 9.9	4.659	5.393	7.8	20.2
4 21	14 53.87	−50 38.1	4.587	5.390	7.0	20.1
5 1	14 45.80	−50 51.8	4.538	5.387	6.3	20.0
5 11	14 37.45	−50 50.8	4.515	5.384	6.0	20.0
5 21	14 29.43	−50 35.8	4.516	5.381	6.1	20.0
5 31	14 22.32	−50 9.1	4.543	5.378	6.7	20.0
6 10	14 16.58	−49 33.9	4.593	5.375	7.5	20.1

9746 Kazukoichikawa 5 3.6 253°.96 2°.0/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.80	−12 59.6	1.597	2.465	14.3	17.8
4 11	15 4.96	−12 26.2	1.509	2.448	10.5	17.5
4 21	14 56.56	−11 45.4	1.444	2.429	6.1	17.2
5 1	14 46.41	−11 0.8	1.405	2.410	2.1	16.9
5 11	14 35.71	−10 18.1	1.392	2.390	4.9	17.0
5 21	14 25.72	− 9 42.8	1.406	2.370	9.7	17.2
5 31	14 17.58	− 9 20.1	1.443	2.349	14.2	17.5
6 10	14 12.08	− 9 13.1	1.500	2.328	18.1	17.7

300186 2006 WG_{64} 5 3.6 244°.51 0°.6/ 4.1 17

4 1	15 7.41	−17 50.0	2.326	3.175	11.2	20.8
4 11	15 1.75	−17 55.7	2.244	3.170	8.2	20.6
4 21	14 54.37	−17 54.9	2.186	3.166	4.8	20.4
5 1	14 45.91	−17 48.4	2.156	3.162	1.3	20.1
5 11	14 37.18	−17 38.3	2.155	3.157	2.7	20.2
5 21	14 29.02	−17 27.3	2.182	3.153	6.2	20.5
5 31	14 22.15	−17 18.4	2.235	3.148	9.5	20.7
6 10	14 17.12	−17 14.5	2.312	3.144	12.4	20.8

151081 2001 VA_{74} 5 3.6 149°.75 5°.5/ 8.0 18

4 1	15 11.05	−33 7.4	2.072	2.868	14.2	20.3
4 11	15 4.71	−33 19.9	1.996	2.875	11.5	20.1
4 21	14 56.17	−33 13.4	1.941	2.881	8.6	19.9
5 1	14 46.29	−32 46.4	1.912	2.888	6.2	19.8
5 11	14 36.18	−32 0.8	1.910	2.893	5.6	19.8
5 21	14 26.94	−31 1.3	1.935	2.898	7.5	19.9
5 31	14 19.49	−29 54.6	1.985	2.903	10.3	20.1
6 10	14 14.43	−28 48.0	2.059	2.907	13.1	20.3

496216 2011 WH_2 5 3.6 275°.93 0°.4/ 3.9 18

4 1	15 5.72	−18 37.3	2.310	3.160	11.2	21.6
4 11	15 0.63	−18 21.8	2.213	3.141	8.2	21.4
4 21	14 53.79	−17 57.8	2.141	3.121	4.9	21.1
5 1	14 45.80	−17 26.7	2.096	3.102	1.2	20.8
5 11	14 37.47	−16 51.6	2.079	3.082	2.7	20.9
5 21	14 29.62	−16 16.2	2.091	3.062	6.5	21.1
5 31	14 23.01	−15 44.4	2.128	3.042	9.9	21.3
6 10	14 18.23	−15 20.0	2.189	3.021	13.0	21.5

360274 2000 SZ_{297} 5 3.6 241°.27 0°.4/ 3.9 17

4 1	15 9.60	−19 40.1	1.775	2.628	13.8	21.3
4 11	15 3.87	−19 2.4	1.684	2.614	10.3	21.1
4 21	14 55.83	−18 11.0	1.617	2.598	6.1	20.8
5 1	14 46.25	−17 8.4	1.576	2.582	1.4	20.4
5 11	14 36.24	−15 59.8	1.563	2.565	3.5	20.5
5 21	14 26.94	−14 51.6	1.577	2.548	8.1	20.8
5 31	14 19.39	−13 50.9	1.616	2.530	12.5	21.0
6 10	14 14.26	−13 2.9	1.676	2.511	16.2	21.2

434972 2006 UW_{118} 5 3.6 274°.38 0°.6/ 3.2 16

4 1	15 5.19	−15 52.0	2.192	3.051	11.3	21.7
4 11	15 0.24	−15 26.0	2.105	3.038	8.3	21.5
4 21	14 53.55	−14 52.7	2.042	3.026	4.7	21.3
5 1	14 45.75	−14 14.6	2.006	3.013	1.0	21.0
5 11	14 37.67	−13 35.6	1.999	3.000	3.1	21.1
5 21	14 30.14	−12 59.5	2.020	2.987	6.9	21.3
5 31	14 23.91	−12 30.2	2.066	2.975	10.4	21.5
6 10	14 19.54	−12 10.8	2.134	2.962	13.4	21.7

504526 2008 RK_{89} 5 3.6 227°.54 4°.3/ 6.7 17

4 1	15 9.84	−28 59.1	2.154	2.968	13.2	22.2
4 11	15 3.85	−29 16.8	2.065	2.960	10.4	22.0
4 21	14 55.73	−29 19.6	1.998	2.952	7.4	21.8
5 1	14 46.23	−29 6.1	1.957	2.944	4.9	21.6
5 11	14 36.33	−28 37.8	1.944	2.936	4.6	21.6
5 21	14 27.08	−27 58.1	1.959	2.927	7.1	21.7
5 31	14 19.42	−27 12.5	1.999	2.918	10.2	21.9
6 10	14 13.98	−26 27.1	2.062	2.908	13.2	22.1

305871 2009 FF_1 5 3.6 248°.42 0°.9/ 2.9 17

4 1	15 5.06	−14 55.1	2.234	3.094	11.1	21.5
4 11	15 0.05	−14 25.8	2.155	3.089	8.0	21.3
4 21	14 53.39	−13 50.2	2.100	3.084	4.6	21.1
5 1	14 45.71	−13 11.0	2.073	3.079	1.1	20.8
5 11	14 37.83	−12 32.1	2.074	3.074	3.2	20.9
5 21	14 30.53	−11 57.3	2.103	3.069	6.8	21.2
5 31	14 24.52	−11 30.1	2.158	3.064	10.2	21.4
6 10	14 20.31	−11 13.0	2.235	3.058	13.0	21.5

293034 2006 WF_{85} 5 3.6 294°.45 2°.1/ 2.0 16

4 1	15 4.82	−11 11.3	2.130	2.997	11.3	21.1
4 11	14 59.99	−10 41.5	2.046	2.984	8.2	20.9
4 21	14 53.41	−10 8.1	1.987	2.971	4.8	20.7
5 1	14 45.74	− 9 34.2	1.955	2.959	2.1	20.5
5 11	14 37.79	− 9 3.8	1.951	2.946	4.1	20.6
5 21	14 30.39	− 8 40.5	1.974	2.934	7.7	20.8
5 31	14 24.29	− 8 27.4	2.022	2.921	11.1	20.9
6 10	14 20.05	− 8 26.3	2.092	2.909	14.0	21.1

519928 2013 RE_{105} 5 3.6 190°.14 1°.9/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.37	−12 28.4	2.176	3.036	11.4	22.3
4 11	15 1.70	−11 45.3	2.100	3.035	8.2	22.1
4 21	14 54.33	−10 57.0	2.050	3.034	4.7	21.9
5 1	14 45.92	−10 7.2	2.028	3.032	1.9	21.7
5 11	14 37.33	− 9 20.4	2.034	3.029	4.0	21.8
5 21	14 29.39	− 8 40.6	2.068	3.026	7.5	22.0
5 31	14 22.83	− 8 11.5	2.128	3.022	10.8	22.2
6 10	14 18.14	− 7 55.1	2.210	3.018	13.7	22.4

247485 2002 LO_{35} 5 3.6 289°.12 1°.4/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.00	−15 16.7	1.866	2.733	12.6	20.2
4 11	15 0.40	−14 25.8	1.776	2.714	9.2	19.9
4 21	14 53.78	−13 25.0	1.710	2.695	5.3	19.7
5 1	14 45.84	−12 18.4	1.670	2.676	1.5	19.4
5 11	14 37.53	−11 11.6	1.658	2.657	4.1	19.5
5 21	14 29.83	−10 10.7	1.673	2.638	8.3	19.7
5 31	14 23.63	− 9 21.3	1.712	2.619	12.3	19.9
6 10	14 19.56	− 8 47.0	1.772	2.600	15.7	20.1

215364 2001 XW_{236} 5 3.6 83°.54 0°.2/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.87	−17 51.4	2.242	3.094	11.4	21.1
4 11	15 0.54	−17 33.5	2.177	3.107	8.3	20.9
4 21	14 53.62	−17 7.9	2.137	3.119	4.8	20.7
5 1	14 45.77	−16 36.8	2.124	3.131	1.1	20.5
5 11	14 37.83	−16 3.6	2.140	3.143	2.7	20.6
5 21	14 30.57	−15 31.7	2.184	3.155	6.3	20.9
5 31	14 24.67	−15 4.8	2.254	3.167	9.5	21.1
6 10	14 20.58	−14 45.7	2.347	3.179	12.2	21.3

29385 1996 JT 5 3.6 294°.15 0°.3/ 3.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.31	−19 21.8	1.605	2.469	14.5	18.8
4 11	15 1.67	−18 48.5	1.519	2.454	10.7	18.5
4 21	14 54.64	−18 1.2	1.456	2.439	6.3	18.2
5 1	14 46.04	−17 2.9	1.418	2.425	1.5	17.9
5 11	14 37.00	−15 59.0	1.407	2.410	3.6	18.0
5 21	14 28.72	−14 56.1	1.421	2.395	8.5	18.2
5 31	14 22.24	−14 1.3	1.459	2.381	13.0	18.5
6 10	14 18.27	−13 19.9	1.517	2.367	16.9	18.7

228192 2009 UM_{82} 5 3.6 172°.94 1°.0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.20	−15 33.2	1.947	2.808	12.5	21.1
4 11	15 1.75	−14 53.9	1.875	2.810	9.0	20.9
4 21	14 54.42	−14 6.6	1.827	2.811	5.1	20.7
5 1	14 45.96	−13 14.7	1.806	2.812	1.3	20.4
5 11	14 37.31	−12 23.2	1.813	2.813	3.6	20.6
5 21	14 29.41	−11 36.8	1.847	2.813	7.6	20.8
5 31	14 23.04	−11 0.1	1.907	2.814	11.2	21.0
6 10	14 18.75	−10 35.9	1.988	2.813	14.4	21.2

213252 2001 DO_1 5 3.6 291°.82 5°.2/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.79	− 6 47.3	1.462	2.345	14.5	19.9
4 11	15 2.07	− 5 43.2	1.387	2.330	10.8	19.6
4 21	14 54.89	− 4 36.5	1.333	2.315	7.0	19.4
5 1	14 46.10	− 3 34.3	1.305	2.300	5.2	19.2
5 11	14 36.88	− 2 44.4	1.301	2.285	7.6	19.3
5 21	14 28.44	− 2 12.8	1.322	2.270	11.7	19.5
5 31	14 21.88	− 2 3.1	1.364	2.255	15.8	19.7
6 10	14 17.90	− 2 15.7	1.425	2.241	19.4	19.9

59760 1999 MU 5 3.6 274°.13 7°.9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.85	+ 2 41.4	1.879	2.747	12.5	19.4
4 11	15 0.92	+ 4 8.3	1.804	2.727	10.1	19.2
4 21	14 54.04	+ 5 29.9	1.752	2.708	8.2	19.1
5 1	14 45.90	+ 6 38.5	1.727	2.688	8.0	19.0
5 11	14 37.44	+ 7 27.3	1.727	2.668	9.8	19.1
5 21	14 29.58	+ 7 52.0	1.751	2.648	12.5	19.2
5 31	14 23.17	+ 7 51.1	1.797	2.627	15.4	19.3
6 10	14 18.82	+ 7 26.3	1.861	2.607	18.0	19.5

286427 2001 YC_{162} 5 3.6 121°.77 8°.5/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.24	−35 5.2	1.536	2.337	18.1	20.5
4 11	15 8.67	−36 4.3	1.466	2.343	15.1	20.3
4 21	14 58.89	−36 40.0	1.416	2.348	11.8	20.1
5 1	14 46.96	−36 47.3	1.388	2.353	9.2	20.0
5 11	14 34.52	−36 25.5	1.385	2.358	8.6	20.0
5 21	14 23.22	−35 39.3	1.405	2.363	10.4	20.1
5 31	14 14.48	−34 37.8	1.450	2.367	13.4	20.3
6 10	14 9.11	−33 31.6	1.514	2.371	16.5	20.5

506676 2006 SH_{397} 5 3.6 173°.43 0°.0/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.40	−17 28.4	2.760	3.605	9.7	23.1
4 11	15 0.01	−17 5.9	2.681	3.608	7.0	22.9
4 21	14 53.27	−16 36.9	2.629	3.610	4.1	22.8
5 1	14 45.72	−16 3.3	2.605	3.612	0.9	22.5
5 11	14 38.05	−15 27.9	2.611	3.613	2.4	22.6
5 21	14 30.88	−14 53.6	2.646	3.614	5.5	22.8
5 31	14 24.81	−14 23.8	2.708	3.614	8.3	23.0
6 10	14 20.25	−14 0.8	2.794	3.614	10.8	23.2

18296 1978 VW_2 5 3.6 77°.28 0°.8/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.33	−14 55.9	2.240	3.099	11.1	19.3
4 11	15 0.11	−14 28.6	2.179	3.114	8.0	19.1
4 21	14 53.36	−13 55.7	2.144	3.128	4.5	18.9
5 1	14 45.74	−13 19.9	2.136	3.142	1.1	18.7
5 11	14 38.05	−12 44.9	2.156	3.156	3.1	18.9
5 21	14 31.04	−12 14.2	2.204	3.170	6.5	19.1
5 31	14 25.37	−11 50.9	2.278	3.184	9.7	19.3
6 10	14 21.45	−11 37.2	2.375	3.198	12.4	19.5

501230 2013 VB_3 5 3.6 210°.52 6°.8/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.38	−36 21.5	2.109	2.887	14.6	21.6
4 11	15 5.17	−36 46.6	2.021	2.883	12.2	21.5
4 21	14 56.59	−36 51.5	1.954	2.878	9.6	21.3
5 1	14 46.47	−36 33.5	1.912	2.873	7.4	21.1
5 11	14 35.95	−35 53.2	1.896	2.867	6.8	21.1
5 21	14 26.22	−34 54.5	1.906	2.861	8.3	21.2
5 31	14 18.30	−33 44.1	1.942	2.855	10.8	21.3
6 10	14 12.88	−32 30.2	2.001	2.848	13.5	21.5

470044 2006 SP_{128} 5 3.6 222°.71 2°.4/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.77	−25 0.7	2.503	3.329	11.2	21.5
4 11	15 1.29	−24 58.4	2.414	3.322	8.6	21.3
4 21	14 54.13	−24 44.7	2.349	3.316	5.6	21.1
5 1	14 45.93	−24 20.0	2.311	3.308	2.9	20.9
5 11	14 37.48	−23 46.2	2.302	3.301	3.1	20.9
5 21	14 29.56	−23 6.9	2.321	3.293	5.8	21.1
5 31	14 22.91	−22 26.3	2.367	3.285	8.9	21.3
6 10	14 18.04	−21 48.7	2.437	3.277	11.6	21.4

380648 2004 XH_{192} 5 3.6 137°.04 0°.8/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.79	−20 48.8	2.085	2.932	12.3	21.4
4 11	15 1.38	−20 16.3	2.013	2.938	9.1	21.2
4 21	14 54.18	−19 32.4	1.965	2.944	5.4	21.0
5 1	14 45.93	−18 39.5	1.945	2.950	1.6	20.7
5 11	14 37.55	−17 41.8	1.952	2.955	2.8	20.8
5 21	14 29.91	−16 44.5	1.988	2.961	6.6	21.0
5 31	14 23.76	−15 52.6	2.050	2.966	10.1	21.3
6 10	14 19.59	−15 10.3	2.134	2.970	13.1	21.5

235205 2003 SQ_{167} 5 3.6 189°.26 3°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.36	− 7 24.5	2.078	2.946	11.5	20.1
4 11	15 1.02	− 6 39.9	2.009	2.945	8.4	19.9
4 21	14 53.97	− 5 54.3	1.964	2.945	5.2	19.7
5 1	14 45.89	− 5 12.2	1.947	2.944	3.5	19.6
5 11	14 37.64	− 4 38.0	1.958	2.943	5.3	19.7
5 21	14 30.05	− 4 15.3	1.995	2.942	8.5	19.9
5 31	14 23.85	− 4 6.3	2.058	2.940	11.7	20.1
6 10	14 19.53	− 4 11.8	2.141	2.938	14.4	20.3

309164 2007 BX_4 5 3.6 202°.35 8°.2/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.72	−49 17.8	3.150	3.813	12.4	21.5
4 11	15 5.81	−49 53.2	3.055	3.808	11.1	21.4
4 21	14 56.82	−50 9.2	2.980	3.803	9.8	21.3
5 1	14 46.51	−50 2.7	2.928	3.797	8.8	21.2
5 11	14 35.87	−49 33.1	2.900	3.791	8.2	21.2
5 21	14 25.90	−48 42.4	2.898	3.784	8.5	21.2
5 31	14 17.51	−47 35.0	2.920	3.777	9.3	21.2
6 10	14 11.31	−46 17.0	2.966	3.770	10.6	21.3

20267 1998 FU_{27} 5 3.6 166°.54 1°.0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.84	−15 41.6	1.886	2.749	12.7	18.2
4 11	15 1.56	−15 1.7	1.815	2.751	9.2	18.0
4 21	14 54.35	−14 13.4	1.767	2.752	5.2	17.8
5 1	14 45.98	−13 20.4	1.747	2.753	1.3	17.5
5 11	14 37.42	−12 27.7	1.754	2.754	3.6	17.7
5 21	14 29.63	−11 40.3	1.788	2.755	7.7	17.9
5 31	14 23.40	−11 2.8	1.847	2.755	11.5	18.1
6 10	14 19.29	−10 38.3	1.927	2.756	14.6	18.3

205829 2002 CV_{305} 5 3.7 156°.81 0°.4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.55	−15 41.5	1.765	2.621	13.8	20.4
4 11	15 5.81	−15 29.0	1.696	2.628	10.0	20.2
4 21	14 56.85	−15 9.0	1.652	2.635	5.7	20.0
5 1	14 46.53	−14 43.7	1.634	2.640	1.2	19.6
5 11	14 36.00	−14 17.1	1.644	2.646	3.6	19.8
5 21	14 26.38	−13 53.2	1.682	2.650	8.0	20.1
5 31	14 18.59	−13 36.2	1.744	2.654	12.0	20.4
6 10	14 13.24	−13 29.3	1.828	2.657	15.3	20.6

469565 2003 VC_3 5 3.7 274°.29 7°.3/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.45	−42 12.7	2.570	3.297	13.5	20.9
4 11	15 6.64	−42 12.8	2.440	3.260	11.7	20.7
4 21	14 57.47	−41 50.3	2.332	3.223	9.7	20.5
5 1	14 46.70	−41 1.8	2.248	3.184	8.0	20.3
5 11	14 35.39	−39 46.9	2.192	3.145	7.3	20.2
5 21	14 24.67	−38 8.7	2.163	3.104	8.2	20.2
5 31	14 15.60	−36 14.1	2.161	3.063	10.4	20.3
6 10	14 8.89	−34 12.2	2.185	3.020	12.9	20.4

425171 2009 TR_{47} 5 3.7 147°.18 2°.3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.07	−10 57.9	2.029	2.892	11.9	22.1
4 11	15 2.26	−10 19.2	1.963	2.899	8.6	21.9
4 21	14 54.68	− 9 36.9	1.923	2.906	5.0	21.7
5 1	14 46.06	− 8 54.9	1.910	2.913	2.4	21.5
5 11	14 37.32	− 8 17.6	1.925	2.918	4.4	21.6
5 21	14 29.32	− 7 48.9	1.968	2.924	7.9	21.9
5 31	14 22.81	− 7 31.6	2.036	2.929	11.3	22.1
6 10	14 18.28	− 7 27.3	2.125	2.934	14.1	22.3

512375 2016 NP_{61} 5 3.7 204°.54 4°.7/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.37	−35 36.7	3.161	3.925	10.5	22.3
4 11	15 1.55	−35 44.9	3.065	3.920	8.7	22.2
4 21	14 54.23	−35 38.8	2.993	3.914	6.7	22.0
5 1	14 45.97	−35 17.5	2.947	3.907	5.2	21.9
5 11	14 37.51	−34 42.1	2.930	3.900	4.7	21.9
5 21	14 29.53	−33 55.1	2.940	3.893	5.8	22.0
5 31	14 22.71	−33 0.5	2.979	3.885	7.6	22.1
6 10	14 17.50	−32 3.1	3.042	3.877	9.6	22.2

98704 2000 XJ_{34} 5 3.7 14°.57 7°.9/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.33	−35 19.5	1.687	2.488	16.8	18.3
4 11	15 4.85	−36 11.0	1.614	2.489	14.0	18.1
4 21	14 56.61	−36 40.6	1.561	2.492	11.0	17.9
5 1	14 46.52	−36 44.5	1.531	2.494	8.7	17.8
5 11	14 35.98	−36 22.6	1.525	2.497	8.0	17.8
5 21	14 26.39	−35 39.0	1.543	2.501	9.6	17.9
5 31	14 18.98	−34 41.4	1.585	2.504	12.3	18.0
6 10	14 14.50	−33 39.0	1.648	2.508	15.2	18.2

352487 2008 BZ_{50} 5 3.7 133°.90 4°.0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.04	−29 6.9	2.327	3.140	12.3	21.2
4 11	15 1.63	−29 17.9	2.245	3.140	9.7	21.0
4 21	14 54.40	−29 14.6	2.187	3.141	6.9	20.8
5 1	14 46.03	−28 56.5	2.155	3.142	4.5	20.6
5 11	14 37.42	−28 25.4	2.151	3.143	4.2	20.6
5 21	14 29.45	−27 44.8	2.174	3.143	6.4	20.8
5 31	14 22.91	−26 59.7	2.223	3.144	9.2	20.9
6 10	14 18.34	−26 15.2	2.296	3.145	11.9	21.1

318602 2005 JL_{48} 5 3.7 239°.85 2°.9/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.68	−11 6.9	1.751	2.622	13.1	21.4
4 11	15 2.37	−10 11.2	1.674	2.613	9.6	21.1
4 21	14 54.94	− 9 9.6	1.619	2.604	5.7	20.9
5 1	14 46.16	− 8 7.2	1.592	2.594	2.9	20.7
5 11	14 37.07	− 7 10.2	1.592	2.584	5.3	20.8
5 21	14 28.72	− 6 24.2	1.618	2.574	9.4	21.0
5 31	14 22.01	− 5 53.6	1.668	2.563	13.2	21.2
6 10	14 17.57	− 5 40.5	1.738	2.552	16.6	21.4

466107 2012 CP_{50} 5 3.7 105°.93 0°.0/ 3.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.09	−17 58.2	1.644	2.504	14.4	22.0
4 11	15 4.05	−17 27.3	1.585	2.519	10.5	21.8
4 21	14 55.82	−16 45.8	1.550	2.533	6.0	21.5
5 1	14 46.32	−15 56.9	1.540	2.547	1.3	21.2
5 11	14 36.74	−15 5.8	1.558	2.560	3.5	21.4
5 21	14 28.18	−14 18.4	1.602	2.573	8.0	21.7
5 31	14 21.53	−13 39.7	1.671	2.586	12.0	22.0
6 10	14 17.32	−13 13.6	1.760	2.598	15.4	22.2

124881 2001 TP_{39} 5 3.7 54°.26 1°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.28	−13 13.4	1.183	2.046	18.7	17.4
4 11	15 15.22	−14 51.0	1.132	2.065	13.7	17.1
4 21	15 2.62	−16 27.1	1.102	2.085	8.0	16.9
5 1	14 47.80	−17 57.1	1.099	2.105	2.1	16.6
5 11	14 32.70	−19 17.4	1.122	2.125	4.5	16.8
5 21	14 19.20	−20 27.0	1.172	2.146	10.0	17.2
5 31	14 8.76	−21 28.3	1.246	2.167	14.9	17.5
6 10	14 2.10	−22 25.2	1.340	2.188	18.8	17.8

93780 2000 WV_{30} 5 3.7 197°.74 2°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.24	−11 13.2	2.186	3.048	11.3	20.7
4 11	15 1.64	−10 33.4	2.110	3.046	8.1	20.5
4 21	14 54.35	− 9 49.7	2.059	3.043	4.8	20.3
5 1	14 46.02	− 9 5.6	2.036	3.039	2.2	20.1
5 11	14 37.50	− 8 25.4	2.042	3.035	4.2	20.2
5 21	14 29.60	− 7 52.9	2.075	3.031	7.6	20.4
5 31	14 23.04	− 7 31.2	2.134	3.026	10.9	20.6
6 10	14 18.35	− 7 22.1	2.215	3.021	13.7	20.8

523696 2014 GW_{53} 5 3.7 297°.06 0°.1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 46.33	−10 25.5	39.192	40.049	0.7	21.6
4 11	14 45.60	−10 22.4	39.112	40.046	0.5	21.6
4 21	14 44.81	−10 19.2	39.061	40.044	0.3	21.5
5 1	14 43.98	−10 16.0	39.039	40.042	0.1	21.5
5 11	14 43.13	−10 13.1	39.046	40.040	0.3	21.5
5 21	14 42.32	−10 10.5	39.082	40.038	0.5	21.6
5 31	14 41.55	−10 8.4	39.146	40.035	0.7	21.6
6 10	14 40.86	−10 6.8	39.235	40.033	0.9	21.6

75405 1999 XQ_{103} 5 3.7 14°.54 7°.4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.30	+ 1 44.6	1.557	2.432	14.2	18.1
4 11	15 2.08	+ 2 20.7	1.504	2.436	11.1	17.9
4 21	14 54.72	+ 2 47.3	1.474	2.440	8.4	17.8
5 1	14 46.10	+ 2 58.4	1.467	2.444	7.4	17.7
5 11	14 37.34	+ 2 49.7	1.486	2.450	9.0	17.8
5 21	14 29.51	+ 2 19.8	1.528	2.456	12.0	18.0
5 31	14 23.48	+ 1 29.8	1.592	2.463	15.1	18.2
6 10	14 19.80	+ 0 22.5	1.675	2.470	17.9	18.4

64900 2001 YG_{84} 5 3.7 31°.03 0°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.26	−16 39.6	2.217	3.074	11.3	19.7
4 11	15 0.22	−16 21.5	2.143	3.075	8.2	19.5
4 21	14 53.54	−15 56.3	2.093	3.076	4.7	19.2
5 1	14 45.85	−15 26.3	2.070	3.077	1.0	19.0
5 11	14 37.98	−14 54.9	2.076	3.078	2.9	19.1
5 21	14 30.73	−14 25.5	2.110	3.080	6.5	19.4
5 31	14 24.81	−14 1.8	2.169	3.081	9.8	19.6
6 10	14 20.70	−13 46.5	2.251	3.082	12.7	19.8

259633 2003 WB_{35} 5 3.7 121°.29 0°.6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.82	−14 59.6	1.647	2.509	14.3	20.7
4 11	15 5.39	−14 55.1	1.583	2.518	10.4	20.5
4 21	14 56.66	−14 43.9	1.542	2.526	5.9	20.2
5 1	14 46.52	−14 28.3	1.528	2.534	1.3	19.9
5 11	14 36.18	−14 11.6	1.540	2.542	3.7	20.1
5 21	14 26.80	−13 58.0	1.580	2.550	8.3	20.4
5 31	14 19.34	−13 51.1	1.644	2.557	12.3	20.7
6 10	14 14.41	−13 53.7	1.728	2.564	15.7	20.9

365860 2011 UE_{138} 5 3.7 156°.62 1°.0/ 4.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.68	−20 36.1	1.633	2.487	14.8	21.9
4 11	15 4.67	−20 12.5	1.563	2.492	11.0	21.6
4 21	14 56.28	−19 35.4	1.516	2.496	6.6	21.4
5 1	14 46.45	−18 47.0	1.495	2.500	1.9	21.1
5 11	14 36.39	−17 52.2	1.500	2.504	3.4	21.2
5 21	14 27.29	−16 57.1	1.533	2.507	8.0	21.5
5 31	14 20.15	−16 8.3	1.590	2.509	12.3	21.7
6 10	14 15.58	−15 30.8	1.667	2.512	15.8	22.0

505062 2011 SS_{133} 5 3.7 132°.53 2°.2/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.36	−11 12.6	2.649	3.511	9.5	22.0
4 11	14 58.52	−10 10.3	2.583	3.519	6.8	21.8
4 21	14 52.42	− 9 4.4	2.544	3.527	4.0	21.6
5 1	14 45.60	− 7 58.9	2.533	3.535	2.2	21.5
5 11	14 38.72	− 6 57.9	2.553	3.542	3.9	21.6
5 21	14 32.39	− 6 5.2	2.600	3.549	6.6	21.8
5 31	14 27.13	− 5 23.8	2.674	3.557	9.3	22.0
6 10	14 23.33	− 4 55.1	2.771	3.563	11.6	22.2

513001 2017 UT_{42} 5 3.7 168°.10 0°.2/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.30	−18 34.2	2.644	3.489	10.1	22.4
4 11	15 0.02	−18 7.9	2.567	3.492	7.4	22.2
4 21	14 53.32	−17 34.0	2.515	3.495	4.3	22.0
5 1	14 45.80	−16 54.5	2.491	3.498	1.0	21.8
5 11	14 38.15	−16 12.5	2.497	3.500	2.4	21.9
5 21	14 31.04	−15 31.3	2.532	3.501	5.6	22.1
5 31	14 25.08	−14 54.7	2.594	3.503	8.6	22.3
6 10	14 20.68	−14 25.3	2.680	3.504	11.1	22.5

322379 2011 OZ_{12} 5 3.7 187°.48 0°.3/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.90	−18 57.4	4.976	5.814	5.8	21.2
4 11	14 54.20	−18 40.6	4.892	5.813	4.2	21.0
4 21	14 49.82	−18 19.8	4.834	5.812	2.5	20.9
5 1	14 45.05	−17 55.9	4.806	5.811	0.7	20.8
5 11	14 40.21	−17 30.5	4.808	5.810	1.3	20.8
5 21	14 35.60	−17 5.1	4.840	5.809	3.1	21.0
5 31	14 31.53	−16 41.1	4.900	5.808	4.8	21.1
6 10	14 28.24	−16 20.2	4.986	5.807	6.4	21.2

431513 2007 TU_{185} 5 3.7 262°.79 1°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.45	−13 15.7	2.044	2.906	11.9	20.3
4 11	15 1.98	−13 3.1	1.964	2.899	8.7	20.1
4 21	14 54.64	−12 45.9	1.909	2.893	5.0	19.8
5 1	14 46.10	−12 26.6	1.880	2.886	1.4	19.6
5 11	14 37.29	−12 8.3	1.880	2.880	3.6	19.7
5 21	14 29.10	−11 54.4	1.907	2.873	7.4	19.9
5 31	14 22.35	−11 47.8	1.960	2.867	11.0	20.1
6 10	14 17.60	−11 50.8	2.034	2.860	14.1	20.3

300898 2008 BC_{25} 5 3.7 144°.61 4°.6/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.80	− 2 33.8	2.368	3.233	10.4	20.8
4 11	14 59.69	− 1 43.7	2.306	3.237	7.8	20.6
4 21	14 53.15	− 0 56.4	2.270	3.241	5.5	20.5
5 1	14 45.77	− 0 16.2	2.261	3.244	4.6	20.4
5 11	14 38.29	+ 0 12.9	2.280	3.248	6.1	20.5
5 21	14 31.40	+ 0 28.3	2.325	3.251	8.6	20.7
5 31	14 25.71	+ 0 28.8	2.396	3.254	11.1	20.8
6 10	14 21.64	+ 0 14.7	2.487	3.257	13.3	21.0

21474 Pamelatsai 5 3.7 326°.74 3°.2/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.54	−12 24.3	1.347	2.232	15.4	18.8
4 11	15 1.28	−11 18.5	1.278	2.225	11.2	18.6
4 21	14 54.49	−10 3.5	1.231	2.218	6.5	18.3
5 1	14 46.10	− 8 46.4	1.208	2.212	3.2	18.1
5 11	14 37.38	− 7 35.5	1.211	2.206	6.1	18.2
5 21	14 29.59	− 6 38.7	1.237	2.201	10.8	18.5
5 31	14 23.82	− 6 1.6	1.286	2.196	15.3	18.7
6 10	14 20.73	− 5 46.6	1.352	2.191	19.1	18.9

31148 1997 UO_8 5 3.7 138°.34 0°.7/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.35	−16 53.8	1.855	2.705	13.5	17.4
4 11	15 6.42	−17 17.1	1.783	2.711	9.9	17.2
4 21	14 57.26	−17 33.8	1.736	2.716	5.8	16.9
5 1	14 46.68	−17 44.3	1.716	2.722	1.5	16.6
5 11	14 35.82	−17 50.2	1.724	2.727	3.2	16.8
5 21	14 25.78	−17 54.0	1.760	2.731	7.4	17.0
5 31	14 17.52	−17 59.2	1.822	2.736	11.3	17.3
6 10	14 11.66	−18 8.8	1.906	2.740	14.5	17.5

370146 2001 XL_{95} 5 3.7 183°.67 1°.1/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.75	−21 0.4	2.187	3.028	12.0	21.7
4 11	15 2.82	−20 39.0	2.107	3.029	8.9	21.5
4 21	14 55.08	−20 6.7	2.051	3.029	5.4	21.3
5 1	14 46.22	−19 25.1	2.023	3.028	1.8	21.1
5 11	14 37.16	−18 37.8	2.024	3.027	2.8	21.1
5 21	14 28.77	−17 49.2	2.053	3.025	6.5	21.4
5 31	14 21.85	−17 4.2	2.109	3.023	10.0	21.6
6 10	14 16.91	−16 26.8	2.187	3.020	13.0	21.8

520050 2013 VZ_{29} 5 3.7 154°.12 0°.8/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.43	−20 33.3	2.169	3.013	12.0	22.4
4 11	15 1.83	−20 5.7	2.095	3.019	8.8	22.2
4 21	14 54.47	−19 27.4	2.045	3.024	5.3	22.0
5 1	14 46.09	−18 40.6	2.023	3.029	1.6	21.7
5 11	14 37.55	−17 49.1	2.030	3.033	2.7	21.8
5 21	14 29.72	−16 57.6	2.065	3.037	6.5	22.1
5 31	14 23.33	−16 10.7	2.126	3.040	9.9	22.3
6 10	14 18.89	−15 32.5	2.210	3.044	12.8	22.5

238715 2005 GQ_{44} 5 3.7 291°.98 2°.4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.74	−23 8.7	1.997	2.838	13.0	20.7
4 11	15 2.37	−23 15.2	1.915	2.834	9.9	20.5
4 21	14 54.95	−23 9.9	1.857	2.829	6.3	20.3
5 1	14 46.23	−22 52.9	1.824	2.825	3.0	20.1
5 11	14 37.19	−22 26.8	1.819	2.821	3.4	20.1
5 21	14 28.82	−21 55.2	1.842	2.816	6.9	20.3
5 31	14 22.01	−21 23.1	1.890	2.812	10.5	20.5
6 10	14 17.37	−20 55.2	1.960	2.808	13.6	20.7

260663 2005 HY_5 5 3.7 342°.60 5°.6/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.54	− 5 33.5	1.268	2.158	15.8	20.0
4 11	15 2.11	− 4 47.9	1.204	2.151	11.7	19.8
4 21	14 55.04	− 4 3.2	1.162	2.144	7.7	19.5
5 1	14 46.26	− 3 26.8	1.143	2.139	5.6	19.4
5 11	14 37.13	− 3 5.3	1.148	2.134	8.0	19.5
5 21	14 28.96	− 3 3.5	1.175	2.130	12.2	19.7
5 31	14 22.91	− 3 23.1	1.224	2.126	16.5	20.0
6 10	14 19.66	− 4 3.2	1.289	2.124	20.1	20.2

499625 2010 UD_{83} 5 3.7 236°.25 1°.5/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.76	−13 47.5	1.945	2.805	12.5	22.4
4 11	15 3.83	−13 10.6	1.856	2.790	9.1	22.2
4 21	14 55.81	−12 26.5	1.791	2.774	5.3	21.9
5 1	14 46.42	−11 38.5	1.753	2.758	1.7	21.6
5 11	14 36.64	−10 51.3	1.743	2.741	4.1	21.8
5 21	14 27.48	−10 9.9	1.761	2.724	8.2	22.0
5 31	14 19.86	− 9 38.7	1.805	2.705	12.1	22.2
6 10	14 14.42	− 9 20.8	1.870	2.686	15.5	22.4

76002 2000 DR_{19} 5 3.7 93°.44 0°.5/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.99	−18 41.2	1.983	2.838	12.5	19.7
4 11	15 1.70	−18 27.4	1.909	2.839	9.2	19.5
4 21	14 54.49	−18 4.3	1.858	2.839	5.4	19.3
5 1	14 46.12	−17 33.8	1.834	2.840	1.4	19.0
5 11	14 37.53	−16 59.5	1.838	2.841	2.9	19.1
5 21	14 29.64	−16 25.4	1.869	2.842	6.9	19.3
5 31	14 23.28	−15 56.1	1.926	2.843	10.6	19.6
6 10	14 18.99	−15 35.1	2.004	2.844	13.7	19.8

143995 2004 AJ_3 5 3.7 183°.69 3°.2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.83	−25 43.6	1.962	2.789	13.8	20.8
4 11	15 5.38	−25 50.4	1.882	2.790	10.6	20.6
4 21	14 56.70	−25 42.6	1.824	2.790	7.1	20.4
5 1	14 46.61	−25 20.1	1.793	2.790	3.9	20.2
5 11	14 36.20	−24 45.1	1.790	2.788	3.9	20.2
5 21	14 26.58	−24 1.9	1.814	2.787	7.2	20.3
5 31	14 18.71	−23 16.6	1.865	2.784	10.7	20.6
6 10	14 13.21	−22 34.9	1.937	2.781	14.0	20.8

118881 2000 TK_{57} 5 3.7 147°.12 0°.9/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.16	−12 56.4	2.009	2.863	12.4	19.7
4 11	15 5.37	−13 5.1	1.938	2.869	9.0	19.5
4 21	14 56.59	−13 10.2	1.892	2.875	5.2	19.3
5 1	14 46.59	−13 13.5	1.874	2.880	1.3	19.0
5 11	14 36.37	−13 16.9	1.885	2.885	3.4	19.2
5 21	14 26.90	−13 22.9	1.924	2.890	7.3	19.5
5 31	14 19.02	−13 33.9	1.989	2.894	10.9	19.7
6 10	14 13.32	−13 51.6	2.076	2.898	14.0	19.9

268405 2005 UT_{226} 5 3.7 121°.10 0°.3/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.56	−16 17.9	1.979	2.834	12.5	21.5
4 11	15 3.42	−15 59.2	1.916	2.847	9.1	21.3
4 21	14 55.42	−15 33.2	1.877	2.860	5.2	21.1
5 1	14 46.32	−15 2.3	1.865	2.872	1.1	20.8
5 11	14 37.13	−14 30.2	1.882	2.884	3.2	21.0
5 21	14 28.74	−14 0.9	1.927	2.895	7.1	21.3
5 31	14 21.96	−13 38.2	1.997	2.906	10.7	21.5
6 10	14 17.27	−13 24.9	2.089	2.917	13.7	21.7

476385 2008 CH_{71} 5 3.7 55°.91 6°.9/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.28	−37 17.7	2.089	2.866	14.8	20.4
4 11	15 3.49	−37 43.9	2.026	2.884	12.3	20.3
4 21	14 55.56	−37 49.0	1.984	2.903	9.7	20.1
5 1	14 46.36	−37 31.5	1.966	2.922	7.6	20.0
5 11	14 37.02	−36 52.6	1.974	2.941	6.9	20.0
5 21	14 28.62	−35 56.9	2.008	2.961	8.0	20.1
5 31	14 22.05	−34 51.1	2.066	2.980	10.2	20.3
6 10	14 17.84	−33 42.5	2.148	2.999	12.5	20.5

116850 2004 FS_{60} 5 3.7 36°.71 5°.2/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.19	− 3 51.8	1.831	2.708	12.4	19.5
4 11	14 59.57	− 2 49.1	1.779	2.717	9.2	19.3
4 21	14 53.21	− 1 48.9	1.752	2.727	6.3	19.2
5 1	14 45.85	− 0 57.1	1.750	2.738	5.3	19.1
5 11	14 38.42	− 0 19.1	1.775	2.748	7.0	19.3
5 21	14 31.77	+ 0 1.9	1.825	2.759	10.0	19.5
5 31	14 26.61	+ 0 4.3	1.898	2.770	12.9	19.7
6 10	14 23.41	− 0 11.1	1.990	2.782	15.5	19.9

371769 2007 HD_3 5 3.7 204°.26 0°.9/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.07	−18 16.2	1.982	2.831	12.8	20.8
4 11	15 4.75	−18 29.7	1.902	2.828	9.5	20.6
4 21	14 56.33	−18 35.7	1.847	2.826	5.7	20.3
5 1	14 46.55	−18 34.5	1.818	2.823	1.7	20.1
5 11	14 36.44	−18 28.2	1.817	2.820	3.0	20.2
5 21	14 27.01	−18 19.7	1.845	2.817	7.1	20.4
5 31	14 19.18	−18 12.8	1.898	2.814	10.8	20.6
6 10	14 13.58	−18 10.8	1.974	2.810	14.1	20.8

181181 2005 SZ_{85} 5 3.7 316°.02 3°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.27	− 9 31.5	2.185	3.056	10.9	19.6
4 11	14 58.79	− 8 32.7	2.113	3.052	7.9	19.4
4 21	14 52.75	− 7 30.6	2.065	3.048	4.8	19.2
5 1	14 45.77	− 6 29.8	2.045	3.044	3.0	19.1
5 11	14 38.62	− 5 35.4	2.053	3.041	4.9	19.2
5 21	14 32.06	− 4 51.6	2.088	3.037	8.0	19.4
5 31	14 26.75	− 4 21.4	2.148	3.034	11.1	19.6
6 10	14 23.16	− 4 6.4	2.229	3.031	13.8	19.7

317443 2002 QC_{110} 5 3.7 264°.80 1°.5/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.90	−21 35.3	2.049	2.895	12.5	21.3
4 11	15 1.72	−21 22.9	1.962	2.885	9.4	21.1
4 21	14 54.58	−20 58.9	1.898	2.875	5.8	20.8
5 1	14 46.18	−20 24.5	1.861	2.865	2.2	20.6
5 11	14 37.46	−19 43.0	1.852	2.855	3.0	20.6
5 21	14 29.37	−18 58.7	1.871	2.845	6.8	20.8
5 31	14 22.76	−18 16.8	1.915	2.835	10.5	21.0
6 10	14 18.22	−17 41.9	1.981	2.825	13.7	21.2

144864 2004 LC_{15} 5 3.7 274°.20 7°.7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.17	+ 2 54.3	1.831	2.695	13.0	19.7
4 11	15 2.73	+ 3 56.5	1.752	2.675	10.4	19.5
4 21	14 55.21	+ 4 51.8	1.698	2.655	8.3	19.3
5 1	14 46.33	+ 5 33.3	1.669	2.635	7.8	19.3
5 11	14 37.06	+ 5 55.0	1.666	2.614	9.5	19.3
5 21	14 28.42	+ 5 53.8	1.687	2.594	12.3	19.4
5 31	14 21.31	+ 5 28.8	1.730	2.573	15.3	19.6
6 10	14 16.38	+ 4 41.9	1.791	2.552	18.1	19.7

503447 2016 EA_{112} 5 3.7 29°.93 4°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.04	− 8 46.2	1.358	2.243	15.3	21.6
4 11	15 2.23	− 7 44.7	1.300	2.246	11.1	21.3
4 21	14 54.98	− 6 40.0	1.265	2.250	6.9	21.1
5 1	14 46.26	− 5 39.2	1.255	2.254	4.4	20.9
5 11	14 37.35	− 4 50.0	1.269	2.258	6.9	21.1
5 21	14 29.47	− 4 17.9	1.307	2.263	11.1	21.3
5 31	14 23.62	− 4 6.3	1.367	2.268	15.2	21.6
6 10	14 20.40	− 4 15.4	1.445	2.273	18.7	21.8

466964 2016 AP_{187} 5 3.7 108°.04 5°.2/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.14	−29 53.4	1.508	2.335	17.2	21.5
4 11	15 6.75	−29 58.5	1.446	2.349	13.5	21.3
4 21	14 57.61	−29 41.2	1.404	2.362	9.5	21.1
5 1	14 46.82	−29 0.9	1.386	2.376	6.0	21.0
5 11	14 35.86	−28 1.1	1.394	2.388	5.5	21.0
5 21	14 26.14	−26 49.2	1.427	2.401	8.6	21.2
5 31	14 18.78	−25 34.5	1.485	2.413	12.4	21.4
6 10	14 14.39	−24 25.6	1.564	2.425	15.9	21.7

141180 2001 XF_{160} 5 3.7 31°.29 5°.4/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.41	−33 51.8	1.888	2.695	15.0	18.8
4 11	15 0.75	−33 38.3	1.820	2.705	12.1	18.6
4 21	14 54.00	−33 2.6	1.772	2.716	9.0	18.4
5 1	14 46.04	−32 5.0	1.749	2.728	6.3	18.3
5 11	14 37.97	−30 49.0	1.752	2.740	5.5	18.3
5 21	14 30.82	−29 21.2	1.782	2.753	7.4	18.4
5 31	14 25.46	−27 49.5	1.836	2.766	10.3	18.6
6 10	14 22.40	−26 21.9	1.914	2.779	13.2	18.8

155327 2006 AV_{99} 5 3.7 8°.59 1°.8/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.16	− 8 19.0	4.096	4.956	6.5	20.3
4 11	14 54.51	− 7 48.2	4.023	4.957	4.7	20.2
4 21	14 50.07	− 7 16.8	3.977	4.957	2.8	20.1
5 1	14 45.19	− 6 46.8	3.960	4.958	1.8	20.0
5 11	14 40.23	− 6 20.2	3.972	4.959	2.8	20.1
5 21	14 35.56	− 5 58.6	4.014	4.960	4.6	20.2
5 31	14 31.51	− 5 43.6	4.082	4.960	6.5	20.3
6 10	14 28.36	− 5 36.0	4.174	4.961	8.1	20.4

514543 2017 DL_{1} 5 3.7 272°.53 6°.6/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.56	−52 32.3	4.543	5.163	9.3	21.0
4 11	15 0.98	−53 5.7	4.449	5.158	8.5	20.9
4 21	14 53.97	−53 24.7	4.373	5.153	7.7	20.8
5 1	14 46.04	−53 27.7	4.320	5.147	7.0	20.8
5 11	14 37.87	−53 14.5	4.291	5.142	6.6	20.7
5 21	14 30.12	−52 46.0	4.285	5.137	6.7	20.7
5 31	14 23.40	−52 4.6	4.304	5.132	7.1	20.7
6 10	14 18.20	−51 14.0	4.346	5.126	7.9	20.8

384037 2008 UV_{170} 5 3.7 30°.82 1°.2/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.37	−20 10.5	1.824	2.678	13.5	21.3
4 11	15 2.15	−20 2.7	1.751	2.680	10.0	21.1
4 21	14 54.84	−19 43.9	1.703	2.682	6.0	20.9
5 1	14 46.25	−19 15.8	1.680	2.685	1.9	20.6
5 11	14 37.42	−18 41.8	1.684	2.687	3.1	20.7
5 21	14 29.37	−18 6.4	1.715	2.690	7.2	20.9
5 31	14 22.99	−17 34.6	1.770	2.693	11.1	21.2
6 10	14 18.86	−17 10.8	1.848	2.696	14.4	21.4

269987 2000 UK_{59} 5 3.7 220°.68 1°.2/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.31	−21 45.8	2.373	3.209	11.4	21.3
4 11	15 2.50	−21 22.8	2.281	3.199	8.5	21.1
4 21	14 54.94	−20 48.8	2.212	3.188	5.2	20.9
5 1	14 46.27	−20 5.0	2.172	3.176	1.9	20.6
5 11	14 37.33	−19 14.7	2.161	3.164	2.7	20.7
5 21	14 28.94	−18 22.1	2.179	3.151	6.2	20.9
5 31	14 21.87	−17 32.0	2.224	3.137	9.6	21.0
6 10	14 16.67	−16 48.8	2.293	3.123	12.5	21.2

500465 2012 TB_{221} 5 3.7 77°.32 1°.5/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.39	−20 37.0	2.050	2.894	12.6	21.7
4 11	15 3.30	−20 45.3	1.989	2.911	9.3	21.5
4 21	14 55.37	−20 43.9	1.952	2.929	5.7	21.3
5 1	14 46.35	−20 33.8	1.942	2.946	2.1	21.1
5 11	14 37.22	−20 17.4	1.961	2.963	2.9	21.2
5 21	14 28.90	−19 58.0	2.007	2.980	6.5	21.5
5 31	14 22.16	−19 39.7	2.079	2.998	9.9	21.7
6 10	14 17.51	−19 26.0	2.174	3.014	12.8	21.9

470320 2007 PC_{46} 5 3.7 261°.04 1°.2/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.72	−20 57.6	2.223	3.065	11.8	22.0
4 11	15 2.27	−20 45.8	2.124	3.046	8.9	21.8
4 21	14 54.91	−20 23.4	2.049	3.026	5.4	21.5
5 1	14 46.29	−19 51.6	2.002	3.006	1.9	21.2
5 11	14 37.27	−19 13.1	1.983	2.986	2.8	21.3
5 21	14 28.76	−18 31.8	1.992	2.965	6.6	21.5
5 31	14 21.60	−17 52.5	2.028	2.944	10.2	21.6
6 10	14 16.40	−17 19.6	2.086	2.923	13.4	21.8

182218 2000 WX_{180} 5 3.7 198°.14 0°.3/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.66	−17 35.5	2.840	3.682	9.6	21.1
4 11	15 1.01	−17 31.7	2.755	3.679	7.0	20.9
4 21	14 53.96	−17 22.1	2.696	3.675	4.1	20.8
5 1	14 46.06	−17 8.0	2.666	3.672	1.0	20.5
5 11	14 37.96	−16 51.2	2.665	3.668	2.3	20.6
5 21	14 30.32	−16 34.2	2.694	3.663	5.3	20.8
5 31	14 23.73	−16 19.6	2.751	3.658	8.2	21.0
6 10	14 18.66	−16 9.8	2.831	3.653	10.6	21.1

497484 2005 YW_{284} 5 3.7 242°.71 2°.5/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.52	−10 9.3	2.303	3.161	10.9	22.0
4 11	15 2.68	− 9 29.3	2.208	3.142	8.0	21.8
4 21	14 55.08	− 8 45.5	2.140	3.122	4.8	21.5
5 1	14 46.32	− 8 1.4	2.099	3.101	2.5	21.3
5 11	14 37.22	− 7 21.3	2.088	3.079	4.4	21.4
5 21	14 28.60	− 6 49.0	2.105	3.056	7.8	21.6
5 31	14 21.24	− 6 27.6	2.148	3.033	11.1	21.8
6 10	14 15.69	− 6 19.2	2.213	3.009	14.0	21.9

112552 2002 PB_{44} 5 3.7 282°.78 0°.0/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.27	−17 52.4	1.641	2.503	14.3	20.4
4 11	15 4.05	−17 32.4	1.542	2.476	10.7	20.1
4 21	14 56.26	−17 0.9	1.466	2.449	6.3	19.8
5 1	14 46.63	−16 19.6	1.415	2.421	1.4	19.4
5 11	14 36.31	−15 33.0	1.390	2.393	3.7	19.5
5 21	14 26.57	−14 46.7	1.392	2.365	8.8	19.7
5 31	14 18.58	−14 7.1	1.417	2.336	13.5	19.9
6 10	14 13.21	−13 39.6	1.463	2.307	17.7	20.1

210774 2001 AO_{31} 5 3.7 173°.03 1°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.46	−14 2.5	1.950	2.806	12.7	21.1
4 11	15 4.92	−13 39.1	1.878	2.810	9.2	20.9
4 21	14 56.36	−13 9.6	1.829	2.813	5.3	20.7
5 1	14 46.59	−12 36.9	1.809	2.815	1.4	20.4
5 11	14 36.60	−12 4.9	1.817	2.817	3.7	20.6
5 21	14 27.39	−11 37.8	1.853	2.817	7.7	20.8
5 31	14 19.81	−11 19.0	1.915	2.817	11.4	21.1
6 10	14 14.43	−11 11.3	1.998	2.817	14.6	21.3

504565 2008 TS_{16} 5 3.7 191°.71 0°.1/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.51	−18 7.9	2.208	3.058	11.6	22.4
4 11	15 1.93	−17 42.8	2.129	3.057	8.5	22.2
4 21	14 54.61	−17 9.1	2.074	3.055	4.9	21.9
5 1	14 46.21	−16 28.9	2.047	3.053	1.1	21.6
5 11	14 37.61	−15 45.8	2.048	3.051	2.8	21.8
5 21	14 29.65	−15 3.9	2.078	3.048	6.6	22.0
5 31	14 23.06	−14 27.6	2.134	3.045	10.0	22.2
6 10	14 18.38	−14 0.1	2.213	3.042	13.0	22.4

128889 2004 SF_{59} 5 3.7 142°.04 6°.2/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.37	− 0 3.3	2.029	2.895	11.8	20.0
4 11	15 1.04	+ 1 6.0	1.973	2.900	9.1	19.8
4 21	14 54.04	+ 2 10.3	1.941	2.906	6.8	19.7
5 1	14 46.08	+ 3 3.7	1.937	2.910	6.3	19.6
5 11	14 38.01	+ 3 41.2	1.959	2.915	7.8	19.7
5 21	14 30.66	+ 3 59.7	2.007	2.919	10.4	19.9
5 31	14 24.73	+ 3 58.4	2.078	2.924	13.0	20.1
6 10	14 20.67	+ 3 38.5	2.168	2.927	15.4	20.3

255720 2006 QM_{121} 5 3.7 208°.02 0°.8/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.89	−20 18.6	2.036	2.880	12.7	22.0
4 11	15 3.86	−19 53.2	1.950	2.874	9.4	21.8
4 21	14 55.81	−19 16.2	1.889	2.868	5.6	21.5
5 1	14 46.48	−18 29.5	1.855	2.861	1.6	21.2
5 11	14 36.87	−17 37.0	1.850	2.853	3.0	21.3
5 21	14 27.94	−16 43.8	1.872	2.844	7.0	21.6
5 31	14 20.57	−15 55.2	1.921	2.835	10.8	21.8
6 10	14 15.35	−15 15.7	1.993	2.825	14.1	22.0

71773 2000 SO_{106} 5 3.7 42°.75 6°.6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.61	−28 24.1	1.233	2.078	19.2	18.0
4 11	15 7.72	−29 26.0	1.177	2.089	15.2	17.8
4 21	14 58.49	−30 7.1	1.140	2.101	10.9	17.6
5 1	14 47.09	−30 23.3	1.125	2.113	7.4	17.4
5 11	14 35.29	−30 15.2	1.134	2.126	7.0	17.4
5 21	14 24.86	−29 48.1	1.166	2.139	10.2	17.6
5 31	14 17.19	−29 10.8	1.221	2.153	14.1	17.9
6 10	14 13.05	−28 32.9	1.294	2.167	17.8	18.2

313365 2002 HD_{13} 5 3.7 292°.08 21°.5/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.48	+22 42.2	1.017	1.865	22.2	19.5
4 11	15 3.33	+26 13.8	0.994	1.858	21.5	19.4
4 21	14 55.94	+29 6.2	0.987	1.850	21.9	19.4
5 1	14 46.53	+31 1.8	0.997	1.843	23.2	19.4
5 11	14 36.84	+31 51.9	1.020	1.837	25.1	19.5
5 21	14 28.51	+31 37.7	1.055	1.830	27.1	19.6
5 31	14 22.83	+30 26.5	1.100	1.823	29.1	19.8
6 10	14 20.48	+28 29.9	1.152	1.817	30.8	19.9

397298 2006 SH_{170} 5 3.7 258°.72 0°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.57	−17 27.9	3.638	4.481	7.6	21.6
4 11	14 57.14	−17 7.2	3.538	4.463	5.6	21.4
4 21	14 51.68	−16 41.3	3.465	4.446	3.2	21.3
5 1	14 45.59	−16 11.7	3.422	4.428	0.7	21.0
5 11	14 39.32	−15 40.4	3.408	4.410	1.9	21.1
5 21	14 33.36	−15 9.6	3.424	4.392	4.4	21.3
5 31	14 28.13	−14 41.7	3.468	4.374	6.7	21.4
6 10	14 24.01	−14 18.8	3.537	4.355	8.8	21.5

178683 2000 RQ_{84} 5 3.7 278°.12 7°.1/ 8.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.42	−37 4.1	2.280	3.051	13.9	20.4
4 11	15 4.53	−37 50.7	2.189	3.042	11.7	20.2
4 21	14 56.37	−38 19.6	2.119	3.033	9.5	20.1
5 1	14 46.64	−38 27.5	2.074	3.025	7.7	19.9
5 11	14 36.42	−38 13.9	2.055	3.016	7.1	19.9
5 21	14 26.82	−37 41.2	2.061	3.007	8.3	19.9
5 31	14 18.84	−36 54.7	2.093	2.998	10.5	20.1
6 10	14 13.22	−36 1.4	2.147	2.989	12.9	20.2

169484 2002 CL_{148} 5 3.7 328°.61 4°.5/ 6.1 17

4 1	15 6.95	−25 54.9	1.214	2.076	18.3	19.7
4 11	15 3.02	−26 9.6	1.137	2.064	14.3	19.4
4 21	14 55.91	−26 3.6	1.079	2.052	9.7	19.1
5 1	14 46.59	−25 35.4	1.043	2.041	5.4	18.8
5 11	14 36.59	−24 48.0	1.030	2.031	5.3	18.7
5 21	14 27.59	−23 48.4	1.040	2.021	9.8	19.0
5 31	14 21.05	−22 46.6	1.071	2.013	14.7	19.2
6 10	14 17.86	−21 52.0	1.121	2.005	19.2	19.4

116017 2003 WN_{84} 5 3.7 119°.08 4°.1/30.8 18

4 1	15 7.87	− 4 45.9	2.107	2.971	11.5	19.8
4 11	15 2.08	− 4 13.2	2.047	2.980	8.5	19.6
4 21	14 54.63	− 3 42.6	2.012	2.989	5.5	19.4
5 1	14 46.22	− 3 17.9	2.004	2.997	4.1	19.4
5 11	14 37.71	− 3 2.8	2.025	3.005	5.7	19.5
5 21	14 29.91	− 2 59.8	2.072	3.013	8.6	19.7
5 31	14 23.52	− 3 10.0	2.144	3.020	11.5	19.9
6 10	14 19.01	− 3 33.4	2.237	3.028	14.1	20.1

381488 2008 SO_{82} 5 3.7 158°.79 5°.7/29.1 17

4 1	15 8.18	+ 1 13.9	2.302	3.158	11.0	21.2
4 11	15 2.18	+ 1 58.9	2.242	3.164	8.5	21.0
4 21	14 54.65	+ 2 38.0	2.209	3.169	6.4	20.9
5 1	14 46.23	+ 3 6.6	2.202	3.174	5.8	20.9
5 11	14 37.72	+ 3 21.2	2.224	3.179	7.1	21.0
5 21	14 29.86	+ 3 19.8	2.272	3.183	9.4	21.1
5 31	14 23.31	+ 3 2.1	2.344	3.186	11.9	21.3
6 10	14 18.50	+ 2 29.2	2.437	3.189	14.0	21.5

113267 2002 RT_{150} 5 3.7 214°.47 1°.9/ 5.7 18

4 1	15 3.72	−24 50.1	2.995	3.818	9.6	19.3
4 11	14 58.88	−24 32.0	2.906	3.814	7.3	19.2
4 21	14 52.75	−24 3.9	2.843	3.810	4.7	19.0
5 1	14 45.83	−23 26.6	2.807	3.806	2.3	18.8
5 11	14 38.76	−22 42.6	2.801	3.801	2.4	18.8
5 21	14 32.14	−21 54.9	2.823	3.796	4.9	19.0
5 31	14 26.54	−21 7.2	2.874	3.791	7.5	19.1
6 10	14 22.37	−20 23.2	2.949	3.786	9.9	19.3

198303 2004 TX_{324} 5 3.7 305°.13 1°.2/ 4.5 17

4 1	15 7.06	−20 30.3	1.718	2.575	14.0	20.1
4 11	15 2.15	−20 16.5	1.638	2.567	10.5	19.9
4 21	14 54.97	−19 50.3	1.580	2.560	6.3	19.6
5 1	14 46.35	−19 13.3	1.547	2.552	2.0	19.3
5 11	14 37.36	−18 29.4	1.541	2.545	3.3	19.4
5 21	14 29.12	−17 44.1	1.562	2.538	7.7	19.6
5 31	14 22.62	−17 3.1	1.607	2.531	11.9	19.9
6 10	14 18.51	−16 31.3	1.673	2.524	15.5	20.1

179581 2002 HZ 5 3.7 101°.30 1°.3/ 4.7 17

4 1	15 7.86	−20 1.1	2.405	3.246	11.1	20.1
4 11	15 2.08	−20 10.9	2.332	3.253	8.2	19.9
4 21	14 54.66	−20 12.9	2.284	3.260	5.0	19.7
5 1	14 46.25	−20 7.8	2.264	3.267	1.8	19.5
5 11	14 37.66	−19 57.4	2.272	3.275	2.6	19.5
5 21	14 29.68	−19 44.4	2.309	3.282	5.8	19.8
5 31	14 23.00	−19 31.9	2.373	3.289	8.9	20.0
6 10	14 18.12	−19 23.1	2.460	3.295	11.6	20.2

513009 2017 UP_{46} 5 3.7 164°.49 2°.4/ 1.4 17

4 1	15 4.67	−10 44.1	2.447	3.309	10.2	21.9
4 11	14 59.64	− 9 48.4	2.377	3.312	7.3	21.7
4 21	14 53.20	− 8 49.2	2.332	3.315	4.3	21.5
5 1	14 45.93	− 7 50.4	2.317	3.318	2.4	21.4
5 11	14 38.55	− 6 56.4	2.330	3.320	4.1	21.5
5 21	14 31.74	− 6 10.9	2.372	3.322	7.1	21.7
5 31	14 26.10	− 5 37.0	2.439	3.324	10.0	21.9
6 10	14 22.06	− 5 16.3	2.528	3.325	12.5	22.1

213400 2001 VC_{3} 5 3.7 181°.40 0°.7/ 4.2 17

4 1	15 7.93	−18 21.7	2.401	3.246	11.0	21.3
4 11	15 2.16	−18 24.7	2.322	3.246	8.1	21.2
4 21	14 54.73	−18 20.8	2.267	3.247	4.8	20.9
5 1	14 46.28	−18 11.0	2.241	3.246	1.4	20.7
5 11	14 37.61	−17 57.3	2.243	3.246	2.6	20.8
5 21	14 29.50	−17 42.6	2.274	3.246	6.0	21.0
5 31	14 22.67	−17 29.8	2.332	3.245	9.2	21.2
6 10	14 17.64	−17 22.0	2.413	3.244	12.0	21.4

258225 2001 TH_{64} 5 3.7 74°.05 2°.7/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.44	−15 38.3	1.718	2.580	13.8	19.8
4 11	15 3.89	−13 24.4	1.679	2.615	9.8	19.7
4 21	14 55.55	−11 1.8	1.666	2.651	5.5	19.5
5 1	14 46.40	− 8 39.7	1.683	2.686	2.7	19.4
5 11	14 37.50	− 6 28.1	1.729	2.720	5.2	19.6
5 21	14 29.77	− 4 35.3	1.805	2.754	9.0	19.9
5 31	14 23.86	− 3 6.2	1.905	2.787	12.5	20.2
6 10	14 20.15	− 2 2.1	2.027	2.819	15.2	20.4

273864 2007 GP_{67} 5 3.7 31°.79 1°.4/ 4.4 17

4 1	15 9.93	−18 31.6	1.415	2.282	15.9	20.2
4 11	15 4.42	−18 53.3	1.357	2.292	11.7	20.0
4 21	14 56.33	−19 5.1	1.321	2.303	7.0	19.7
5 1	14 46.64	−19 7.5	1.310	2.315	2.2	19.5
5 11	14 36.72	−19 3.1	1.324	2.327	3.7	19.6
5 21	14 27.87	−18 56.0	1.363	2.340	8.4	19.9
5 31	14 21.18	−18 50.9	1.425	2.354	12.8	20.2
6 10	14 17.28	−18 51.9	1.507	2.368	16.4	20.4

502726 2015 DJ_{32} 5 3.7 70°.18 0°.7/ 3.3 17

4 1	15 8.91	−15 6.5	1.751	2.615	13.5	20.7
4 11	15 3.15	−14 52.4	1.694	2.629	9.8	20.5
4 21	14 55.37	−14 31.6	1.660	2.644	5.6	20.3
5 1	14 46.41	−14 7.0	1.652	2.659	1.2	20.0
5 11	14 37.35	−13 42.3	1.672	2.673	3.5	20.2
5 21	14 29.21	−13 21.5	1.718	2.688	7.7	20.5
5 31	14 22.80	−13 8.3	1.789	2.703	11.5	20.7
6 10	14 18.65	−13 5.1	1.882	2.718	14.6	21.0

186302 2002 CC_{117} 5 3.7 24°.39 2°.0/ 5.4 17

4 1	15 5.70	−23 15.1	2.212	3.051	12.0	20.3
4 11	15 0.69	−23 9.3	2.135	3.053	9.0	20.1
4 21	14 53.94	−22 52.0	2.082	3.054	5.7	19.9
5 1	14 46.11	−22 24.3	2.055	3.056	2.6	19.7
5 11	14 38.09	−21 48.9	2.056	3.058	2.9	19.7
5 21	14 30.71	−21 9.6	2.085	3.060	6.2	19.9
5 31	14 24.71	−20 31.1	2.140	3.063	9.4	20.1
6 10	14 20.61	−19 57.5	2.218	3.065	12.3	20.3

404341 2013 FW_{22} 5 3.7 335°.56 3°.3/ 5.3 17

4 1	15 11.92	−22 48.5	1.330	2.188	17.3	20.7
4 11	15 6.33	−23 16.1	1.258	2.185	13.2	20.5
4 21	14 57.69	−23 28.9	1.208	2.183	8.5	20.2
5 1	14 46.98	−23 25.7	1.180	2.181	4.1	19.9
5 11	14 35.75	−23 8.6	1.178	2.180	4.6	19.9
5 21	14 25.55	−22 42.4	1.200	2.178	9.2	20.2
5 31	14 17.74	−22 14.4	1.245	2.177	13.9	20.5
6 10	14 13.15	−21 51.6	1.309	2.176	18.0	20.7

520986 2015 AH_{286} 5 3.7 41°.70 6°.1/ 8.6 17

4 1	15 8.16	−34 6.4	1.690	2.499	16.4	20.7
4 11	15 3.09	−34 3.1	1.618	2.504	13.3	20.5
4 21	14 55.54	−33 35.5	1.566	2.509	10.0	20.3
5 1	14 46.47	−32 42.6	1.537	2.515	7.1	20.2
5 11	14 37.20	−31 27.8	1.533	2.520	6.2	20.1
5 21	14 28.95	−29 57.9	1.556	2.526	8.3	20.2
5 31	14 22.75	−28 22.3	1.603	2.532	11.5	20.4
6 10	14 19.22	−26 50.3	1.672	2.539	14.7	20.7

471152 2010 FE_{49} 5 3.7 13°.92 0°.1/ 2.7 17

4 1	14 46.76	−12 38.6	34.293	35.146	0.9	22.0
4 11	14 45.98	−12 35.3	34.219	35.151	0.6	22.0
4 21	14 45.12	−12 31.7	34.173	35.156	0.3	22.0
5 1	14 44.21	−12 28.1	34.156	35.161	0.1	21.9
5 11	14 43.29	−12 24.6	34.168	35.166	0.3	22.0
5 21	14 42.40	−12 21.3	34.209	35.171	0.5	22.0
5 31	14 41.57	−12 18.5	34.279	35.176	0.8	22.0
6 10	14 40.83	−12 16.3	34.374	35.182	1.0	22.1

504508 2008 OS_{22} 5 3.7 218°.86 2°.4/ 1.7 17

4 1	15 6.87	−10 57.9	2.148	3.011	11.4	22.4
4 11	15 1.50	−10 10.3	2.069	3.005	8.2	22.1
4 21	14 54.41	− 9 18.3	2.014	2.998	4.9	21.9
5 1	14 46.24	− 8 25.9	1.988	2.990	2.5	21.7
5 11	14 37.85	− 7 37.9	1.990	2.982	4.4	21.9
5 21	14 30.06	− 6 58.5	2.020	2.974	7.9	22.1
5 31	14 23.61	− 6 31.2	2.075	2.965	11.2	22.2
6 10	14 19.03	− 6 17.7	2.151	2.956	14.1	22.4

62920 2000 VB_{12} 5 3.7 84°.79 1°.1/ 2.8 18

4 1	15 5.44	−13 54.7	2.297	3.157	10.9	19.4
4 11	15 0.30	−13 30.5	2.231	3.165	7.8	19.2
4 21	14 53.63	−13 1.6	2.189	3.173	4.4	19.0
5 1	14 46.06	−12 30.5	2.175	3.181	1.3	18.8
5 11	14 38.38	−12 0.6	2.189	3.188	3.2	18.9
5 21	14 31.31	−11 35.3	2.231	3.196	6.6	19.2
5 31	14 25.52	−11 17.3	2.300	3.204	9.7	19.4
6 10	14 21.46	−11 8.8	2.390	3.212	12.4	19.6

303802 2005 ST_{42} 5 3.7 85°.19 1°.7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.50	−14 8.0	2.344	3.206	10.6	20.5
4 11	14 58.85	−13 1.0	2.277	3.213	7.6	20.4
4 21	14 52.77	−11 47.6	2.236	3.221	4.3	20.2
5 1	14 45.87	−10 32.2	2.224	3.228	1.7	20.0
5 11	14 38.90	− 9 19.8	2.240	3.236	3.6	20.1
5 21	14 32.55	− 8 15.2	2.285	3.243	6.9	20.4
5 31	14 27.42	− 7 22.3	2.356	3.251	9.9	20.6
6 10	14 23.91	− 6 43.2	2.449	3.258	12.5	20.8

352517 2008 CJ_{110} 5 3.7 137°.01 3°.1/ 6.8 17

4 1	15 8.16	−28 19.4	2.895	3.699	10.4	22.3
4 11	15 2.11	−28 23.7	2.821	3.712	8.1	22.2
4 21	14 54.61	−28 16.3	2.771	3.724	5.7	22.0
5 1	14 46.28	−27 57.4	2.749	3.737	3.5	21.9
5 11	14 37.82	−27 28.5	2.756	3.748	3.3	21.9
5 21	14 29.95	−26 52.7	2.792	3.760	5.3	22.0
5 31	14 23.26	−26 13.6	2.856	3.770	7.7	22.2
6 10	14 18.20	−25 35.4	2.945	3.780	9.9	22.4

86969 2000 JN_{11} 5 3.7 241°.00 1°.0/ 4.4 17

4 1	15 10.98	−21 4.5	1.749	2.598	14.2	19.9
4 11	15 5.09	−20 34.6	1.656	2.582	10.7	19.6
4 21	14 56.77	−19 50.0	1.586	2.565	6.5	19.3
5 1	14 46.80	−18 52.4	1.543	2.548	2.0	19.0
5 11	14 36.35	−17 46.5	1.527	2.530	3.4	19.1
5 21	14 26.61	−16 38.7	1.538	2.511	8.1	19.3
5 31	14 18.65	−15 36.3	1.574	2.492	12.5	19.5
6 10	14 13.23	−14 45.2	1.632	2.471	16.4	19.7

137200 1999 KX_{12} 5 3.7 344°.20 3°.1/ 1.9 18

4 1	15 4.70	−10 58.5	1.353	2.241	15.1	19.0
4 11	15 0.76	−10 18.5	1.285	2.232	11.0	18.8
4 21	14 54.32	− 9 33.0	1.237	2.225	6.5	18.5
5 1	14 46.26	− 8 47.7	1.214	2.218	3.2	18.3
5 11	14 37.85	− 8 9.2	1.215	2.212	5.8	18.4
5 21	14 30.31	− 7 43.1	1.240	2.207	10.5	18.7
5 31	14 24.73	− 7 33.7	1.287	2.202	14.9	18.9
6 10	14 21.80	− 7 42.5	1.352	2.199	18.7	19.1

477628 2010 LN_{78} 5 3.7 205°.82 4°.6/ 8.2 18

4 1	15 6.56	−33 8.7	2.593	3.382	11.9	20.8
4 11	15 1.26	−33 12.3	2.506	3.381	9.6	20.7
4 21	14 54.27	−33 0.1	2.442	3.379	7.2	20.5
5 1	14 46.23	−32 31.7	2.403	3.377	5.2	20.4
5 11	14 37.97	−31 48.5	2.393	3.375	4.7	20.3
5 21	14 30.31	−30 54.2	2.410	3.373	6.2	20.4
5 31	14 23.98	−29 53.6	2.453	3.371	8.6	20.6
6 10	14 19.49	−28 52.4	2.521	3.369	11.0	20.7

173572 2001 BC_{34} 5 3.7 86°.52 3°.5/ 1.6 18

4 1	15 9.47	− 9 38.6	1.495	2.371	14.7	19.8
4 11	15 3.81	− 8 53.8	1.440	2.382	10.6	19.5
4 21	14 55.86	− 8 6.1	1.408	2.392	6.3	19.3
5 1	14 46.57	− 7 21.0	1.401	2.402	3.5	19.2
5 11	14 37.17	− 6 44.4	1.420	2.412	5.8	19.3
5 21	14 28.79	− 6 21.0	1.464	2.422	10.0	19.6
5 31	14 22.37	− 6 13.6	1.531	2.432	13.9	19.8
6 10	14 18.46	− 6 23.0	1.618	2.442	17.2	20.1

181685 6645 P–L 5 3.7 246°.57 2°.4/ 5.2 18

4 1	15 12.53	−22 32.5	1.980	2.815	13.3	20.6
4 11	15 6.11	−22 47.0	1.882	2.798	10.2	20.4
4 21	14 57.35	−22 50.3	1.808	2.780	6.5	20.1
5 1	14 46.95	−22 41.9	1.761	2.761	3.0	19.8
5 11	14 35.98	−22 23.3	1.741	2.742	3.5	19.8
5 21	14 25.57	−21 57.9	1.750	2.722	7.4	20.0
5 31	14 16.78	−21 30.6	1.784	2.702	11.3	20.2
6 10	14 10.36	−21 6.8	1.841	2.681	14.8	20.4

435893 2009 AV_{12} 5 3.7 172°.50 0°.2/ 3.6 17

4 1	15 6.55	−17 6.1	2.197	3.051	11.5	21.8
4 11	15 1.25	−16 39.4	2.122	3.053	8.4	21.6
4 21	14 54.25	−16 4.8	2.071	3.054	4.8	21.4
5 1	14 46.23	−15 24.8	2.048	3.054	1.0	21.1
5 11	14 38.02	−14 43.2	2.053	3.055	2.9	21.3
5 21	14 30.46	−14 3.9	2.086	3.056	6.6	21.5
5 31	14 24.26	−13 31.0	2.146	3.056	10.0	21.7
6 10	14 19.91	−13 7.4	2.227	3.056	12.9	21.9

506495 2003 UJ_{371} 5 3.7 215°.68 0°.9/ 4.6 18

4 1	15 6.94	−21 54.5	2.363	3.201	11.4	22.5
4 11	15 1.50	−21 13.7	2.274	3.194	8.5	22.3
4 21	14 54.40	−20 20.8	2.209	3.186	5.1	22.1
5 1	14 46.26	−19 18.0	2.173	3.177	1.6	21.8
5 11	14 37.92	−18 9.4	2.166	3.169	2.6	21.9
5 21	14 30.16	−16 59.8	2.187	3.159	6.2	22.1
5 31	14 23.72	−15 54.7	2.236	3.149	9.5	22.3
6 10	14 19.09	−14 58.4	2.309	3.139	12.5	22.4

497209 2004 VY_{36} 5 3.7 191°.11 0°.1/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.16	−16 10.4	2.133	2.986	11.9	21.7
4 11	15 3.22	−16 1.8	2.055	2.985	8.7	21.5
4 21	14 55.43	−15 46.6	2.001	2.983	5.0	21.3
5 1	14 46.49	−15 26.5	1.975	2.982	1.1	21.0
5 11	14 37.31	−15 4.7	1.978	2.980	3.0	21.2
5 21	14 28.77	−14 44.2	2.008	2.978	6.8	21.4
5 31	14 21.66	−14 28.8	2.065	2.975	10.4	21.6
6 10	14 16.56	−14 21.2	2.144	2.972	13.4	21.8

290566 2005 UH_{115} 5 3.7 129°.37 1°.1/ 4.4 18

4 1	15 13.14	−20 1.5	1.505	2.360	15.7	21.6
4 11	15 6.64	−19 48.9	1.442	2.371	11.6	21.4
4 21	14 57.58	−19 23.2	1.402	2.382	7.0	21.1
5 1	14 46.96	−18 46.4	1.386	2.392	2.1	20.8
5 11	14 36.15	−18 3.0	1.398	2.401	3.6	21.0
5 21	14 26.46	−17 19.1	1.436	2.410	8.4	21.3
5 31	14 18.93	−16 41.0	1.497	2.419	12.8	21.5
6 10	14 14.19	−16 13.5	1.580	2.427	16.5	21.8

173893 2001 UB_{103} 5 3.7 158°.86 0°.0/ 3.6 17

4 1	15 8.63	−16 8.3	2.366	3.214	11.0	20.6
4 11	15 2.67	−16 12.9	2.289	3.217	8.0	20.4
4 21	14 55.05	−16 12.1	2.238	3.220	4.6	20.2
5 1	14 46.41	−16 7.1	2.215	3.222	1.0	19.9
5 11	14 37.55	−16 0.0	2.222	3.224	2.7	20.1
5 21	14 29.29	−15 53.3	2.256	3.226	6.2	20.3
5 31	14 22.32	−15 49.6	2.318	3.228	9.4	20.5
6 10	14 17.16	−15 51.4	2.403	3.229	12.1	20.7

417179 2005 WW_{114} 5 3.7 91°.27 3°.2/ 6.2 17

4 1	15 8.44	−26 35.7	1.819	2.653	14.4	21.2
4 11	15 2.98	−26 21.2	1.750	2.662	11.1	21.0
4 21	14 55.37	−25 49.8	1.703	2.670	7.3	20.8
5 1	14 46.49	−25 2.3	1.682	2.679	3.9	20.6
5 11	14 37.44	−24 2.7	1.688	2.688	3.8	20.6
5 21	14 29.29	−22 57.0	1.720	2.696	7.2	20.9
5 31	14 22.94	−21 52.1	1.778	2.705	10.8	21.1
6 10	14 18.94	−20 54.2	1.859	2.713	14.0	21.3

243345 2008 UZ_{148} 5 3.7 197°.38 0°.6/ 4.2 17

4 1	15 6.97	−19 47.8	2.146	2.994	12.0	21.3
4 11	15 1.64	−19 21.4	2.067	2.993	8.8	21.1
4 21	14 54.53	−18 44.7	2.011	2.991	5.2	20.8
5 1	14 46.31	−17 59.9	1.983	2.989	1.4	20.6
5 11	14 37.89	−17 10.7	1.984	2.987	2.8	20.7
5 21	14 30.11	−16 21.7	2.012	2.984	6.6	20.9
5 31	14 23.76	−15 37.6	2.067	2.982	10.1	21.1
6 10	14 19.34	−15 2.2	2.144	2.979	13.1	21.3

338350 2002 XF_{17} 5 3.7 154°.25 2°.1/ 5.8 18

4 1	15 8.31	−24 45.8	2.947	3.764	9.9	22.0
4 11	15 2.19	−24 47.5	2.869	3.773	7.6	21.8
4 21	14 54.68	−24 39.5	2.817	3.782	4.9	21.7
5 1	14 46.33	−24 22.4	2.793	3.790	2.6	21.5
5 11	14 37.85	−23 57.8	2.799	3.797	2.7	21.5
5 21	14 29.90	−23 28.4	2.834	3.804	5.0	21.7
5 31	14 23.07	−22 57.5	2.897	3.810	7.6	21.9
6 10	14 17.81	−22 28.7	2.985	3.816	9.9	22.0

49154 1998 SM_{53} 5 3.7 302°.39 5°.8/ 6.6 18

4 1	15 10.14	−28 29.2	1.475	2.313	17.0	19.3
4 11	15 5.22	−29 8.0	1.384	2.293	13.6	19.0
4 21	14 57.23	−29 28.9	1.313	2.273	9.8	18.7
5 1	14 47.00	−29 28.5	1.265	2.254	6.5	18.5
5 11	14 35.92	−29 6.7	1.241	2.234	6.3	18.4
5 21	14 25.55	−28 27.5	1.241	2.215	9.5	18.5
5 31	14 17.36	−27 38.5	1.265	2.197	13.8	18.7
6 10	14 12.33	−26 49.2	1.308	2.178	17.8	18.9

434162 2002 TW_{37} 5 3.7 223°.15 1°.5/ 2.3 17

4 1	15 5.87	−12 55.8	2.597	3.452	9.9	21.7
4 11	15 0.58	−12 15.3	2.510	3.442	7.2	21.5
4 21	14 53.82	−11 29.9	2.448	3.431	4.1	21.3
5 1	14 46.17	−10 42.4	2.416	3.420	1.6	21.1
5 11	14 38.30	− 9 56.7	2.413	3.408	3.4	21.2
5 21	14 30.91	− 9 16.3	2.438	3.396	6.5	21.4
5 31	14 24.62	− 8 44.4	2.490	3.383	9.5	21.6
6 10	14 19.90	− 8 23.1	2.566	3.370	12.1	21.7

147408 2003 FE_{61} 5 3.7 155°.96 3°.8/29.9 18

4 1	15 4.34	− 5 2.4	2.498	3.362	9.9	20.0
4 11	14 59.40	− 4 7.9	2.433	3.366	7.3	19.8
4 21	14 53.09	− 3 14.2	2.394	3.370	4.9	19.6
5 1	14 46.00	− 2 25.3	2.383	3.373	3.9	19.6
5 11	14 38.79	− 1 45.4	2.401	3.376	5.3	19.7
5 21	14 32.14	− 1 17.4	2.446	3.378	7.9	19.8
5 31	14 26.61	− 1 3.0	2.516	3.381	10.4	20.0
6 10	14 22.61	− 1 2.8	2.607	3.383	12.7	20.2

371723 2007 EY_{85} 5 3.7 54°.95 14°.7/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.93	−47 3.4	1.703	2.409	20.1	20.2
4 11	15 22.51	−49 58.1	1.643	2.422	18.2	20.0
4 21	15 8.06	−52 26.4	1.603	2.436	16.4	19.9
5 1	14 49.51	−54 15.0	1.586	2.450	15.1	19.9
5 11	14 29.06	−55 15.8	1.591	2.464	14.7	19.9
5 21	14 9.58	−55 29.2	1.618	2.479	15.3	20.0
5 31	13 53.69	−55 4.5	1.666	2.493	16.5	20.1
6 10	13 42.89	−54 16.4	1.731	2.508	18.1	20.2

427480 2001 XC_{96} 5 3.7 172°.28 1°.6/ 2.4 17

4 1	15 9.47	−11 57.5	2.394	3.247	10.7	22.2
4 11	15 3.19	−11 32.1	2.320	3.251	7.7	22.0
4 21	14 55.32	−11 3.1	2.272	3.255	4.5	21.8
5 1	14 46.49	−10 33.1	2.253	3.257	1.7	21.6
5 11	14 37.50	−10 5.6	2.263	3.259	3.5	21.8
5 21	14 29.13	− 9 43.5	2.303	3.261	6.8	22.0
5 31	14 22.05	− 9 29.5	2.368	3.261	9.9	22.2
6 10	14 16.75	− 9 25.4	2.457	3.261	12.6	22.4

259262 2003 CZ_{10} 5 3.7 112°.68 2°.4/ 5.6 18

4 1	15 8.87	−25 4.7	1.801	2.640	14.3	20.4
4 11	15 3.26	−24 37.7	1.733	2.649	10.8	20.2
4 21	14 55.52	−23 54.2	1.687	2.659	6.9	20.0
5 1	14 46.53	−22 56.0	1.667	2.668	3.2	19.8
5 11	14 37.41	−21 47.8	1.675	2.677	3.4	19.8
5 21	14 29.21	−20 36.1	1.709	2.685	7.2	20.0
5 31	14 22.81	−19 27.8	1.770	2.694	11.0	20.3
6 10	14 18.75	−18 28.8	1.852	2.702	14.3	20.5

150856 2001 SS_{112} 5 3.7 168°.72 1°.0/ 4.4 18

4 1	15 9.74	−19 48.9	1.954	2.802	13.0	20.4
4 11	15 3.80	−19 40.2	1.879	2.804	9.6	20.1
4 21	14 55.84	−19 21.3	1.828	2.807	5.8	19.9
5 1	14 46.62	−18 53.7	1.803	2.808	1.8	19.6
5 11	14 37.15	−18 20.6	1.807	2.810	3.0	19.7
5 21	14 28.44	−17 46.1	1.838	2.811	7.0	20.0
5 31	14 21.35	−17 15.2	1.895	2.812	10.7	20.2
6 10	14 16.45	−16 51.7	1.974	2.812	14.0	20.4

499219 2009 UA_{73} 5 3.7 179°.45 0°.9/ 2.9 17

4 1	15 7.93	−15 10.0	2.503	3.352	10.4	22.7
4 11	15 2.04	−14 29.4	2.425	3.354	7.5	22.5
4 21	14 54.64	−13 42.5	2.373	3.356	4.3	22.3
5 1	14 46.34	−12 52.0	2.350	3.356	1.1	22.1
5 11	14 37.90	−12 1.8	2.357	3.356	3.0	22.2
5 21	14 30.04	−11 15.8	2.393	3.355	6.4	22.4
5 31	14 23.41	−10 37.6	2.456	3.354	9.4	22.6
6 10	14 18.46	−10 9.6	2.543	3.351	12.1	22.8

269769 1999 TP_{62} 5 3.7 276°.16 1°.1/ 4.4 17

4 1	15 9.76	−19 7.7	1.940	2.790	13.0	20.5
4 11	15 4.08	−19 16.4	1.845	2.771	9.7	20.3
4 21	14 56.16	−19 16.5	1.774	2.753	5.9	20.0
5 1	14 46.73	−19 8.5	1.729	2.734	1.9	19.7
5 11	14 36.77	−18 54.4	1.712	2.716	3.1	19.8
5 21	14 27.36	−18 37.4	1.723	2.697	7.4	20.0
5 31	14 19.49	−18 22.0	1.759	2.677	11.4	20.2
6 10	14 13.89	−18 12.2	1.817	2.658	14.8	20.3

214160 2005 CL_{19} 5 3.7 61°.16 0°.7/ 4.1 18

4 1	15 9.53	−19 24.1	1.361	2.229	16.3	20.3
4 11	15 4.18	−19 2.5	1.303	2.240	12.0	20.1
4 21	14 56.22	−18 27.2	1.267	2.250	7.1	19.8
5 1	14 46.70	−17 41.4	1.255	2.262	1.8	19.5
5 11	14 37.02	−16 50.7	1.269	2.273	3.7	19.7
5 21	14 28.50	−16 2.0	1.308	2.284	8.8	20.0
5 31	14 22.18	−15 21.8	1.369	2.296	13.3	20.3
6 10	14 18.67	−14 54.7	1.451	2.308	17.1	20.5

179524 2002 CX_{170} 5 3.7 345°.45 7°.7/ 8.5 17

4 1	15 11.56	−36 5.7	2.072	2.853	14.8	19.0
4 11	15 5.63	−37 16.6	1.989	2.848	12.4	18.8
4 21	14 57.18	−38 10.2	1.927	2.844	10.1	18.6
5 1	14 46.97	−38 42.1	1.889	2.840	8.2	18.5
5 11	14 36.15	−38 51.1	1.876	2.836	7.8	18.5
5 21	14 25.98	−38 38.9	1.890	2.833	9.1	18.6
5 31	14 17.59	−38 10.6	1.927	2.831	11.3	18.7
6 10	14 11.79	−37 33.5	1.986	2.829	13.7	18.8

468044 2013 QU_{74} 5 3.7 304°.95 4°.0/ 1.2 17

4 1	15 6.24	− 9 55.6	1.387	2.272	15.0	21.2
4 11	15 2.03	− 8 58.5	1.304	2.250	11.1	20.9
4 21	14 55.19	− 7 54.7	1.243	2.228	6.8	20.6
5 1	14 46.54	− 6 50.5	1.206	2.207	4.0	20.4
5 11	14 37.31	− 5 54.1	1.194	2.186	6.7	20.5
5 21	14 28.81	− 5 12.4	1.205	2.165	11.4	20.7
5 31	14 22.23	− 4 51.0	1.238	2.144	16.1	20.9
6 10	14 18.38	− 4 51.7	1.289	2.124	20.1	21.1

34173 2000 QY_{37} 5 3.7 92°.92 6°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.53	− 0 30.1	1.808	2.678	12.8	18.4
4 11	15 1.97	+ 0 51.8	1.766	2.696	9.8	18.2
4 21	14 54.63	+ 2 7.9	1.748	2.713	7.4	18.1
5 1	14 46.34	+ 3 11.2	1.757	2.731	6.7	18.1
5 11	14 38.05	+ 3 56.1	1.792	2.748	8.4	18.2
5 21	14 30.65	+ 4 19.5	1.851	2.765	11.1	18.4
5 31	14 24.85	+ 4 21.0	1.934	2.781	13.8	18.6
6 10	14 21.09	+ 4 2.3	2.035	2.798	16.1	18.8

34339 2000 QH_{218} 5 3.7 107°.74 2°.2/ 5.6 18

4 1	15 8.48	−23 50.3	2.573	3.398	10.9	19.3
4 11	15 2.44	−23 56.9	2.506	3.415	8.3	19.1
4 21	14 54.87	−23 53.6	2.464	3.432	5.3	19.0
5 1	14 46.40	−23 40.7	2.449	3.448	2.7	18.8
5 11	14 37.83	−23 20.1	2.464	3.464	2.8	18.9
5 21	14 29.89	−22 55.0	2.508	3.479	5.5	19.1
5 31	14 23.24	−22 28.7	2.579	3.495	8.3	19.2
6 10	14 18.33	−22 5.0	2.673	3.510	10.8	19.4

179283 2001 VR_{6} 5 3.7 171°.54 0°.3/ 4.0 18

4 1	15 6.29	−18 13.9	2.838	3.679	9.6	21.2
4 11	15 0.75	−17 57.4	2.759	3.682	7.0	21.1
4 21	14 53.87	−17 34.2	2.706	3.685	4.1	20.9
5 1	14 46.20	−17 6.0	2.681	3.687	1.0	20.6
5 11	14 38.38	−16 35.3	2.687	3.689	2.2	20.7
5 21	14 31.05	−16 4.9	2.722	3.691	5.3	20.9
5 31	14 24.80	−15 37.7	2.784	3.692	8.1	21.1
6 10	14 20.05	−15 16.5	2.870	3.692	10.5	21.3

22496 1997 JH_{13} 5 3.7 312°.12 0°.8/ 3.3 18

4 1	15 8.85	−13 45.3	1.735	2.601	13.5	18.4
4 11	15 3.47	−13 49.2	1.653	2.589	9.9	18.1
4 21	14 55.83	−13 48.4	1.594	2.578	5.7	17.8
5 1	14 46.67	−13 44.9	1.561	2.567	1.3	17.5
5 11	14 37.07	−13 41.4	1.555	2.556	3.7	17.6
5 21	14 28.14	−13 41.1	1.575	2.546	8.2	17.9
5 31	14 20.88	−13 47.2	1.620	2.536	12.3	18.1
6 10	14 16.00	−14 2.0	1.685	2.526	15.9	18.3

117872 2210 $P\text{–}L$ 5 3.7 165°.00 0°.4/ 4.0 18

4 1	15 11.19	−18 59.9	1.949	2.796	13.0	21.1
4 11	15 4.80	−18 34.3	1.876	2.802	9.6	20.9
4 21	14 56.39	−17 58.1	1.827	2.808	5.6	20.7
5 1	14 46.76	−17 13.9	1.806	2.812	1.4	20.4
5 11	14 36.94	−16 25.6	1.813	2.816	3.1	20.5
5 21	14 27.93	−15 38.2	1.848	2.819	7.2	20.8
5 31	14 20.59	−14 56.9	1.909	2.821	11.0	21.0
6 10	14 15.46	−14 25.6	1.992	2.822	14.2	21.3

352075 2006 WM_{128} 5 3.7 123°.34 0°.8/ 3.0 17

4 1	15 6.35	−13 59.5	2.771	3.621	9.5	21.8
4 11	15 0.73	−13 42.0	2.706	3.635	6.8	21.7
4 21	14 53.82	−13 20.5	2.667	3.650	3.9	21.5
5 1	14 46.18	−12 57.1	2.657	3.663	1.0	21.3
5 11	14 38.47	−12 34.4	2.677	3.677	2.7	21.4
5 21	14 31.31	−12 14.9	2.727	3.690	5.6	21.7
5 31	14 25.24	−12 0.8	2.803	3.703	8.3	21.9
6 10	14 20.67	−11 53.9	2.903	3.715	10.6	22.0

355856 2008 UQ_{224} 5 3.7 115°.30 0°.7/ 4.2 18

4 1	15 12.63	−19 0.8	1.429	2.291	16.1	21.7
4 11	15 6.39	−18 48.6	1.368	2.301	11.9	21.5
4 21	14 57.50	−18 23.9	1.329	2.311	7.0	21.3
5 1	14 47.01	−17 49.1	1.314	2.320	1.8	20.9
5 11	14 36.31	−17 8.8	1.326	2.330	3.7	21.1
5 21	14 26.76	−16 29.2	1.364	2.339	8.7	21.4
5 31	14 19.43	−15 56.3	1.425	2.347	13.2	21.7
6 10	14 14.95	−15 34.8	1.506	2.356	17.0	22.0

477624 2010 LZ_{56} 5 3.7 312°.11 9°.3/23.5 16

4 1	15 2.36	+ 6 36.4	1.946	2.811	12.3	20.7
4 11	14 58.47	+ 8 36.6	1.877	2.790	10.4	20.6
4 21	14 52.80	+10 29.5	1.833	2.769	9.3	20.4
5 1	14 46.00	+12 6.0	1.814	2.748	9.7	20.4
5 11	14 38.89	+13 18.7	1.820	2.728	11.4	20.5
5 21	14 32.34	+14 3.2	1.848	2.707	13.7	20.6
5 31	14 27.11	+14 18.1	1.896	2.688	16.1	20.7
6 10	14 23.77	+14 5.2	1.960	2.668	18.3	20.8

127773 2003 FV_{52} 5 3.7 297°.86 4°.0/30.8 18

4 1	15 6.48	− 5 8.0	2.125	2.992	11.3	19.0
4 11	15 1.40	− 4 39.3	2.033	2.968	8.4	18.8
4 21	14 54.49	− 4 11.5	1.966	2.944	5.5	18.6
5 1	14 46.37	− 3 48.7	1.926	2.920	4.0	18.4
5 11	14 37.87	− 3 34.8	1.914	2.896	5.7	18.5
5 21	14 29.84	− 3 32.7	1.928	2.872	8.9	18.6
5 31	14 23.08	− 3 44.6	1.967	2.849	12.1	18.8
6 10	14 18.19	− 4 10.6	2.027	2.825	15.1	18.9

434530 2005 SM_{250} 5 3.7 218.°56 5.°3/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.68	+ 1 54.4	2.900	3.755	9.0	21.9
4 11	14 58.83	+ 3 3.9	2.829	3.747	7.1	21.7
4 21	14 52.77	+ 4 9.4	2.784	3.738	5.6	21.6
5 1	14 45.97	+ 5 6.3	2.767	3.728	5.4	21.6
5 11	14 39.04	+ 5 51.0	2.779	3.718	6.6	21.7
5 21	14 32.52	+ 6 20.7	2.817	3.708	8.5	21.8
5 31	14 26.94	+ 6 34.2	2.880	3.697	10.5	21.9
6 10	14 22.70	+ 6 31.8	2.963	3.686	12.4	22.0

123032 2000 SG_{286} 5 3.7 267.°43 0.°6/ 4.2 18

4 1	15 7.70	−19 25.0	1.867	2.721	13.2	20.0
4 11	15 2.56	−19 1.2	1.778	2.707	9.8	19.8
4 21	14 55.26	−18 25.8	1.712	2.693	5.8	19.5
5 1	14 46.56	−17 40.9	1.672	2.678	1.5	19.2
5 11	14 37.45	−16 50.6	1.660	2.663	3.2	19.2
5 21	14 28.99	−16 0.0	1.675	2.648	7.5	19.5
5 31	14 22.12	−15 14.9	1.715	2.633	11.6	19.7
6 10	14 17.49	−14 40.1	1.776	2.618	15.1	19.9

234367 2001 OP_{68} 5 3.7 331.°45 12.°7/ 9.2 16

4 1	15 6.87	−40 19.7	1.427	2.220	19.7	19.2
4 11	15 3.61	−41 54.9	1.328	2.187	17.4	18.9
4 21	14 56.78	−43 7.5	1.246	2.154	15.1	18.7
5 1	14 47.04	−43 48.6	1.184	2.122	13.3	18.5
5 11	14 35.90	−43 52.3	1.142	2.092	12.7	18.3
5 21	14 25.29	−43 18.3	1.120	2.063	13.9	18.3
5 31	14 17.18	−42 13.3	1.119	2.036	16.5	18.4
6 10	14 12.97	−40 49.6	1.135	2.010	19.6	18.5

115731 2003 UC_{185} 5 3.7 265.°64 0.°9/ 3.2 18

4 1	15 10.52	−15 26.5	1.705	2.567	13.9	20.6
4 11	15 4.88	−15 1.1	1.610	2.545	10.2	20.3
4 21	14 56.76	−14 26.5	1.538	2.522	5.9	20.0
5 1	14 46.92	−13 45.4	1.491	2.498	1.4	19.6
5 11	14 36.48	−13 2.5	1.472	2.473	4.0	19.8
5 21	14 26.63	−12 23.1	1.480	2.448	8.9	20.0
5 31	14 18.50	−11 52.8	1.512	2.423	13.3	20.2
6 10	14 12.88	−11 35.5	1.564	2.397	17.2	20.4

206789 2004 DN_{7} 5 3.7 131.°71 1.°1/ 2.8 17

4 1	15 6.27	−14 14.4	2.275	3.132	11.0	21.2
4 11	15 0.96	−13 42.4	2.206	3.139	7.9	21.0
4 21	14 54.07	−13 5.0	2.162	3.146	4.5	20.8
5 1	14 46.27	−12 25.1	2.147	3.152	1.3	20.5
5 11	14 38.34	−11 46.4	2.160	3.159	3.2	20.7
5 21	14 31.05	−11 12.6	2.201	3.165	6.7	20.9
5 31	14 25.05	−10 47.0	2.267	3.170	9.9	21.1
6 10	14 20.82	−10 31.6	2.357	3.176	12.6	21.3

272858 2006 BL_{47} 5 3.7 152.°14 5.°4/30.1 17

4 1	15 9.21	− 1 48.9	1.913	2.778	12.4	20.3
4 11	15 3.28	− 1 9.5	1.851	2.782	9.4	20.1
4 21	14 55.49	− 0 34.5	1.814	2.785	6.6	19.9
5 1	14 46.59	− 0 9.0	1.803	2.788	5.5	19.9
5 11	14 37.54	+ 0 3.0	1.820	2.791	7.1	19.9
5 21	14 29.25	− 0 1.1	1.862	2.793	10.0	20.1
5 31	14 22.50	− 0 21.8	1.928	2.796	13.0	20.3
6 10	14 17.83	− 0 58.1	2.015	2.798	15.6	20.5

213069 1999 TX_{17} 5 3.7 241.°91 3.°7/30.7 18

4 1	15 8.54	− 9 18.3	1.901	2.768	12.4	20.7
4 11	15 3.03	− 8 6.2	1.815	2.752	9.1	20.5
4 21	14 55.48	− 6 48.5	1.753	2.735	5.7	20.3
5 1	14 46.62	− 5 31.0	1.720	2.717	3.7	20.1
5 11	14 37.40	− 4 20.5	1.714	2.699	5.9	20.2
5 21	14 28.80	− 3 22.8	1.735	2.680	9.6	20.4
5 31	14 21.70	− 2 42.6	1.780	2.660	13.3	20.5
6 10	14 16.73	− 2 21.6	1.846	2.640	16.5	20.7

371099 2005 UO_{512} 5 3.7 152.°02 1.°0/ 4.5 17

4 1	15 9.31	−20 35.7	2.126	2.969	12.3	22.2
4 11	15 3.33	−20 17.4	2.054	2.976	9.1	22.0
4 21	14 55.51	−19 48.6	2.005	2.983	5.5	21.8
5 1	14 46.60	−19 11.0	1.984	2.989	1.7	21.6
5 11	14 37.53	−18 28.2	1.992	2.995	2.8	21.7
5 21	14 29.19	−17 44.4	2.028	3.000	6.5	21.9
5 31	14 22.36	−17 4.4	2.090	3.005	10.0	22.1
6 10	14 17.55	−16 32.1	2.175	3.010	13.0	22.3

354726 2005 SQ_{166} 5 3.7 161.°32 0.°1/ 3.8 18

4 1	15 9.05	−15 58.1	2.974	3.813	9.2	20.8
4 11	15 2.71	−16 8.4	2.896	3.819	6.7	20.6
4 21	14 55.01	−16 14.5	2.844	3.823	3.9	20.4
5 1	14 46.49	−16 17.1	2.822	3.828	0.9	20.2
5 11	14 37.81	−16 17.8	2.830	3.832	2.2	20.3
5 21	14 29.59	−16 18.3	2.869	3.836	5.2	20.5
5 31	14 22.43	−16 20.4	2.935	3.839	7.8	20.7
6 10	14 16.75	−16 26.2	3.027	3.842	10.2	20.9

482108 2010 MC_{83} 5 3.7 298.°06 7.°2/ 8.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.03	−35 34.8	2.246	3.023	13.9	20.8
4 11	15 5.94	−36 39.4	2.148	3.006	11.7	20.6
4 21	14 57.40	−37 28.5	2.071	2.989	9.4	20.4
5 1	14 47.09	−37 58.1	2.019	2.972	7.6	20.2
5 11	14 36.07	−38 6.4	1.993	2.955	7.3	20.2
5 21	14 25.52	−37 55.0	1.994	2.938	8.6	20.2
5 31	14 16.55	−37 28.1	2.019	2.922	10.9	20.3
6 10	14 10.01	−36 52.5	2.067	2.905	13.4	20.5

110829 2001 UT_{54} 5 3.7 201.°92 0.°8/ 2.6 18

4 1	14 58.75	−12 41.5	4.495	5.347	6.1	20.2
4 11	14 54.96	−12 23.9	4.415	5.346	4.4	20.1
4 21	14 50.44	−12 4.2	4.363	5.346	2.5	19.9
5 1	14 45.49	−11 44.0	4.340	5.345	0.8	19.8
5 11	14 40.46	−11 24.6	4.347	5.345	1.9	19.9
5 21	14 35.68	−11 7.8	4.384	5.344	3.8	20.0
5 31	14 31.48	−10 54.7	4.448	5.344	5.6	20.1
6 10	14 28.12	−10 46.6	4.538	5.343	7.2	20.3

497931 2006 VW_{171} 5 3.8 198.°69 0.°2/ 3.9 17

4 1	15 9.63	−18 33.2	2.107	2.955	12.2	22.7
4 11	15 3.64	−18 4.9	2.025	2.951	9.0	22.5
4 21	14 55.75	−17 26.9	1.967	2.947	5.2	22.2
5 1	14 46.68	−16 41.3	1.936	2.943	1.2	22.0
5 11	14 37.35	−15 52.1	1.935	2.937	2.9	22.1
5 21	14 28.69	−15 3.9	1.961	2.931	6.9	22.3
5 31	14 21.52	−14 21.6	2.014	2.925	10.6	22.5
6 10	14 16.39	−13 48.9	2.090	2.917	13.7	22.7

371728 2007 EB_{105} 5 3.8 163.°20 1.°6/ 5.0 17

4 1	15 10.61	−22 0.3	2.245	3.079	12.0	22.4
4 11	15 4.24	−21 55.0	2.169	3.085	9.0	22.2
4 21	14 56.04	−21 39.2	2.117	3.090	5.6	22.0
5 1	14 46.74	−21 13.6	2.092	3.095	2.2	21.8
5 11	14 37.23	−20 41.0	2.097	3.099	2.8	21.9
5 21	14 28.43	−20 5.0	2.130	3.103	6.3	22.1
5 31	14 21.09	−19 30.3	2.191	3.106	9.6	22.3
6 10	14 15.75	−19 0.8	2.274	3.108	12.5	22.5

108803 2001 OX_{72} 5 3.8 170.°10 1.°3/ 4.8 18

4 1	15 10.11	−21 21.5	2.194	3.031	12.1	19.6
4 11	15 3.91	−21 9.0	2.117	3.036	9.0	19.4
4 21	14 55.87	−20 45.9	2.063	3.039	5.5	19.2
5 1	14 46.70	−20 13.3	2.038	3.042	2.0	19.0
5 11	14 37.33	−19 34.4	2.041	3.044	2.8	19.1
5 21	14 28.66	−18 53.3	2.073	3.046	6.4	19.3
5 31	14 21.47	−18 14.5	2.132	3.047	9.8	19.5
6 10	14 16.29	−17 42.3	2.213	3.047	12.8	19.7

507038 2008 UR_{177} 5 3.8 277.°95 1.°8/ 4.9 17

4 1	15 9.09	−21 6.8	1.883	2.730	13.4	21.6
4 11	15 3.63	−21 13.6	1.794	2.717	10.1	21.4
4 21	14 55.95	−21 9.7	1.728	2.704	6.3	21.1
5 1	14 46.76	−20 55.3	1.688	2.691	2.5	20.9
5 11	14 37.12	−20 32.8	1.676	2.678	3.3	20.9
5 21	14 28.10	−20 6.1	1.690	2.665	7.3	21.1
5 31	14 20.70	−19 40.0	1.730	2.652	11.3	21.3
6 10	14 15.62	−19 19.3	1.791	2.639	14.8	21.5

71251 2000 AH_{15} 5 3.8 216.°13 2.°0/ 5.4 18

4 1	15 7.86	−23 28.2	2.135	2.972	12.5	19.5
4 11	15 2.42	−23 17.3	2.051	2.968	9.4	19.2
4 21	14 55.08	−22 53.9	1.991	2.964	6.0	19.0
5 1	14 46.55	−22 19.1	1.958	2.959	2.7	18.8
5 11	14 37.74	−21 35.6	1.953	2.955	3.0	18.8
5 21	14 29.59	−20 48.0	1.976	2.950	6.5	19.0
5 31	14 22.91	−20 1.3	2.024	2.945	10.0	19.2
6 10	14 18.26	−19 20.4	2.096	2.940	13.1	19.4

303896 2005 TD_{111} 5 3.8 168.°79 0.°5/ 4.3 18

4 1	15 5.08	−19 30.4	2.761	3.602	9.8	21.6
4 11	14 59.95	−19 7.2	2.682	3.605	7.2	21.5
4 21	14 53.46	−18 36.2	2.629	3.607	4.3	21.3
5 1	14 46.17	−17 59.2	2.604	3.609	1.2	21.0
5 11	14 38.75	−17 19.1	2.608	3.611	2.2	21.1
5 21	14 31.84	−16 39.0	2.642	3.613	5.3	21.3
5 31	14 26.01	−16 2.4	2.703	3.614	8.2	21.5
6 10	14 21.68	−15 32.2	2.787	3.615	10.6	21.7

158841 2004 KE_{9} 5 3.8 258.°80 4.°4/ 1.3 18

4 1	15 10.45	− 8 3.2	1.388	2.267	15.4	20.1
4 11	15 4.99	− 7 17.2	1.316	2.258	11.4	19.9
4 21	14 56.86	− 6 28.6	1.266	2.249	7.1	19.6
5 1	14 46.97	− 5 43.5	1.240	2.239	4.4	19.4
5 11	14 36.64	− 5 8.8	1.240	2.230	6.9	19.5
5 21	14 27.21	− 4 49.9	1.264	2.220	11.4	19.7
5 31	14 19.84	− 4 50.2	1.310	2.210	15.8	20.0
6 10	14 15.27	− 5 10.1	1.375	2.200	19.5	20.2

382798 2003 UP_{49} 5 3.8 176°.91 3°.0/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.48	−27 48.9	2.611	3.421	11.2	21.9
4 11	15 2.57	−27 40.3	2.527	3.423	8.7	21.7
4 21	14 55.04	−27 18.6	2.467	3.425	6.0	21.5
5 1	14 46.53	−26 44.1	2.434	3.426	3.5	21.3
5 11	14 37.84	−25 59.1	2.431	3.426	3.3	21.3
5 21	14 29.75	−25 7.3	2.456	3.426	5.7	21.5
5 31	14 22.95	−24 13.4	2.509	3.426	8.5	21.7
6 10	14 17.92	−23 22.1	2.586	3.425	11.0	21.8

81466 2000 GC_{137} 5 3.8 42°.41 8°.1/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.95	− 0 14.6	1.450	2.333	14.6	18.6
4 11	15 1.30	+ 1 22.4	1.404	2.340	11.3	18.4
4 21	14 54.48	+ 2 53.1	1.381	2.348	8.7	18.2
5 1	14 46.40	+ 4 8.2	1.381	2.355	8.2	18.2
5 11	14 38.24	+ 5 0.0	1.407	2.364	10.1	18.4
5 21	14 31.05	+ 5 24.5	1.455	2.372	13.2	18.6
5 31	14 25.72	+ 5 21.3	1.523	2.381	16.3	18.8
6 10	14 22.75	+ 4 53.0	1.609	2.390	19.0	19.0

389219 2009 DY_{98} 5 3.8 177°.62 4°.0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.09	− 4 43.0	2.500	3.363	10.0	21.3
4 11	14 59.99	− 3 47.7	2.432	3.364	7.4	21.1
4 21	14 53.50	− 2 53.2	2.391	3.365	5.0	20.9
5 1	14 46.20	− 2 3.7	2.377	3.366	4.0	20.9
5 11	14 38.77	− 1 23.3	2.393	3.366	5.4	21.0
5 21	14 31.88	− 0 55.0	2.435	3.366	8.0	21.1
5 31	14 26.12	− 0 40.7	2.503	3.366	10.5	21.3
6 10	14 21.91	− 0 40.8	2.592	3.365	12.8	21.5

341480 2007 TF_{363} 5 3.8 42°.45 1°.0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.52	−14 7.1	2.078	2.940	11.8	20.5
4 11	15 1.35	−13 45.8	2.006	2.941	8.5	20.3
4 21	14 54.42	−13 19.0	1.957	2.941	4.9	20.1
5 1	14 46.41	−12 49.4	1.936	2.942	1.3	19.9
5 11	14 38.20	−12 20.7	1.943	2.943	3.4	20.0
5 21	14 30.65	−11 56.4	1.977	2.943	7.1	20.2
5 31	14 24.49	−11 39.9	2.036	2.944	10.6	20.5
6 10	14 20.25	−11 33.4	2.118	2.945	13.5	20.7

89386 2001 VG_{105} 5 3.8 289°.56 1°.5/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.74	−20 42.6	1.664	2.520	14.5	19.8
4 11	15 3.69	−20 39.2	1.572	2.500	10.9	19.6
4 21	14 56.14	−20 23.4	1.501	2.481	6.7	19.3
5 1	14 46.85	−19 55.8	1.456	2.461	2.4	18.9
5 11	14 36.98	−19 19.6	1.438	2.441	3.5	19.0
5 21	14 27.75	−18 39.9	1.445	2.422	8.2	19.2
5 31	14 20.30	−18 2.6	1.477	2.402	12.6	19.4
6 10	14 15.42	−17 33.6	1.529	2.383	16.5	19.6

385079 2012 US_{105} 5 3.8 273°.33 2°.8/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.92	−24 52.4	2.031	2.866	13.1	21.0
4 11	15 2.62	−24 56.0	1.947	2.860	10.0	20.8
4 21	14 55.28	−24 46.4	1.885	2.854	6.6	20.6
5 1	14 46.63	−24 23.7	1.850	2.848	3.5	20.3
5 11	14 37.64	−23 50.2	1.842	2.842	3.6	20.3
5 21	14 29.31	−23 10.0	1.861	2.836	6.8	20.5
5 31	14 22.52	−22 28.3	1.906	2.830	10.3	20.7
6 10	14 17.90	−21 50.6	1.974	2.824	13.5	20.9

432360 2009 WZ_{23} 5 3.8 151°.79 4°.3/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.33	−30 51.1	2.381	3.178	12.6	22.8
4 11	15 4.79	−30 57.3	2.304	3.188	10.0	22.7
4 21	14 56.38	−30 47.7	2.250	3.197	7.2	22.5
5 1	14 46.85	−30 22.0	2.223	3.205	4.8	22.4
5 11	14 37.13	−29 41.8	2.225	3.213	4.4	22.4
5 21	14 28.16	−28 51.3	2.254	3.220	6.4	22.5
5 31	14 20.71	−27 55.7	2.310	3.226	9.1	22.7
6 10	14 15.33	−27 0.8	2.391	3.232	11.7	22.9

343970 2011 LK_{12} 5 3.8 281°.32 0°.8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.30	−15 53.2	1.899	2.762	12.6	21.1
4 11	15 1.42	−15 19.0	1.819	2.754	9.2	20.9
4 21	14 54.56	−14 36.3	1.762	2.747	5.3	20.7
5 1	14 46.47	−13 48.2	1.732	2.739	1.2	20.4
5 11	14 38.08	−12 59.5	1.729	2.731	3.5	20.5
5 21	14 30.36	−12 15.1	1.754	2.723	7.7	20.7
5 31	14 24.15	−11 39.7	1.803	2.715	11.5	21.0
6 10	14 20.04	−11 16.6	1.873	2.707	14.8	21.2

110642 2001 TD_{168} 5 3.8 74°.51 4°.6/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.59	−27 22.9	1.685	2.512	15.6	19.2
4 11	15 6.94	−27 57.7	1.627	2.532	12.2	19.0
4 21	14 57.80	−28 15.8	1.591	2.551	8.4	18.8
5 1	14 47.17	−28 15.8	1.580	2.570	5.3	18.7
5 11	14 36.35	−27 59.4	1.596	2.590	5.1	18.7
5 21	14 26.62	−27 30.9	1.638	2.609	7.9	18.9
5 31	14 18.99	−26 56.9	1.705	2.628	11.4	19.2
6 10	14 14.07	−26 23.9	1.793	2.647	14.5	19.4

119930 2002 FH_{27} 5 3.8 277°.67 8°.8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.70	+11 13.8	2.373	3.215	11.2	19.3
4 11	14 59.08	+12 38.3	2.322	3.212	9.7	19.2
4 21	14 53.02	+13 51.1	2.295	3.209	8.8	19.1
5 1	14 46.12	+14 45.9	2.293	3.206	9.0	19.1
5 11	14 39.09	+15 18.7	2.316	3.203	10.2	19.2
5 21	14 32.62	+15 27.6	2.363	3.200	11.9	19.3
5 31	14 27.32	+15 13.0	2.429	3.196	13.7	19.4
6 10	14 23.63	+14 37.4	2.513	3.193	15.3	19.6

496849 1999 TN_{319} 5 3.8 151°.51 1°.0/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.14	−19 47.6	2.166	3.010	12.0	22.6
4 11	15 3.23	−19 41.4	2.092	3.016	8.9	22.4
4 21	14 55.51	−19 26.1	2.043	3.021	5.3	22.2
5 1	14 46.68	−19 2.9	2.021	3.026	1.7	21.9
5 11	14 37.66	−18 34.7	2.027	3.030	2.7	22.0
5 21	14 29.32	−18 5.1	2.061	3.034	6.4	22.3
5 31	14 22.43	−17 38.2	2.122	3.038	9.8	22.5
6 10	14 17.54	−17 17.6	2.206	3.041	12.8	22.7

102268 1999 TU_{43} 5 3.8 90°.96 2°.3/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.57	−22 27.3	1.561	2.410	15.6	20.3
4 11	15 6.22	−22 31.2	1.503	2.426	11.7	20.1
4 21	14 57.39	−22 20.9	1.466	2.442	7.3	19.9
5 1	14 47.09	−21 57.2	1.455	2.457	3.1	19.7
5 11	14 36.65	−21 23.6	1.470	2.473	3.7	19.8
5 21	14 27.32	−20 45.7	1.512	2.488	7.9	20.0
5 31	14 20.10	−20 9.5	1.578	2.503	12.0	20.3
6 10	14 15.58	−19 40.6	1.665	2.518	15.5	20.6

145533 2006 FE_{51} 5 3.8 350°.46 2°.2/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.23	−17 21.7	1.399	2.282	15.1	18.8
4 11	14 58.19	−15 32.5	1.328	2.275	10.9	18.5
4 21	14 52.86	−13 25.5	1.280	2.268	6.2	18.2
5 1	14 46.12	−11 9.1	1.257	2.263	2.2	17.9
5 11	14 39.14	− 8 55.1	1.261	2.258	5.3	18.1
5 21	14 33.04	− 6 55.0	1.289	2.255	10.2	18.4
5 31	14 28.78	− 5 17.7	1.341	2.253	14.6	18.6
6 10	14 26.94	− 4 7.8	1.411	2.252	18.4	18.9

159914 2004 VH_{70} 5 3.8 211°.14 1°.5/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.02	−12 57.7	2.128	2.988	11.6	20.7
4 11	15 2.44	−12 29.5	2.049	2.983	8.4	20.5
4 21	14 55.08	−11 56.3	1.995	2.979	4.8	20.3
5 1	14 46.60	−11 21.0	1.968	2.974	1.7	20.0
5 11	14 37.87	−10 47.7	1.970	2.968	3.7	20.2
5 21	14 29.76	−10 19.9	2.000	2.962	7.4	20.4
5 31	14 23.04	−10 1.1	2.055	2.956	10.8	20.6
6 10	14 18.24	− 9 53.3	2.132	2.950	13.8	20.8

395086 2009 HM_{97} 5 3.8 298°.61 0°.2/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.17	−18 25.0	2.225	3.080	11.4	20.8
4 11	14 59.59	−17 36.1	2.146	3.077	8.3	20.6
4 21	14 53.39	−16 37.3	2.091	3.073	4.8	20.3
5 1	14 46.22	−15 31.9	2.064	3.070	1.0	20.1
5 11	14 38.87	−14 24.4	2.065	3.067	2.9	20.2
5 21	14 32.13	−13 19.9	2.094	3.064	6.6	20.4
5 31	14 26.68	−12 23.4	2.150	3.061	9.9	20.6
6 10	14 23.00	−11 38.3	2.228	3.058	12.9	20.8

519121 2010 MM_{39} 5 3.8 323°.30 5°.4/29.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.03	− 3 52.1	1.882	2.760	12.0	20.8
4 11	14 59.02	− 2 44.2	1.805	2.743	9.1	20.6
4 21	14 53.19	− 1 36.8	1.752	2.727	6.4	20.4
5 1	14 46.19	− 0 35.9	1.726	2.712	5.4	20.3
5 11	14 38.90	+ 0 12.0	1.725	2.697	7.3	20.4
5 21	14 32.20	+ 0 42.7	1.749	2.682	10.4	20.5
5 31	14 26.88	+ 0 53.6	1.797	2.668	13.6	20.7
6 10	14 23.50	+ 0 44.4	1.863	2.655	16.4	20.9

308544 2005 UU_{224} 5 3.8 198°.32 1°.4/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.80	−22 13.1	2.635	3.469	10.4	21.6
4 11	15 0.61	−22 2.9	2.551	3.467	7.8	21.4
4 21	14 53.93	−21 43.3	2.492	3.465	4.9	21.2
5 1	14 46.34	−21 15.4	2.461	3.463	2.0	21.0
5 11	14 38.56	−20 41.6	2.459	3.461	2.5	21.0
5 21	14 31.29	−20 5.1	2.485	3.459	5.4	21.2
5 31	14 25.18	−19 29.6	2.539	3.456	8.4	21.4
6 10	14 20.68	−18 58.6	2.617	3.453	11.0	21.6

178045 2006 RC_{93} 5 3.8 307°.24 1°.3/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.20	−20 9.4	1.417	2.283	15.9	20.3
4 11	15 3.55	−20 1.5	1.336	2.270	11.9	20.0
4 21	14 56.16	−19 39.6	1.275	2.257	7.3	19.7
5 1	14 46.90	−19 5.3	1.239	2.245	2.3	19.4
5 11	14 37.08	−18 22.7	1.228	2.232	3.8	19.4
5 21	14 28.09	−17 38.0	1.242	2.220	8.9	19.7
5 31	14 21.15	−16 58.2	1.278	2.209	13.8	19.9
6 10	14 17.09	−16 29.4	1.334	2.198	18.0	20.2

54058 2000 GG_{134} 5 3.8 311.°36 7.°2/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 4.28	+ 1 11.4	1.858	2.731	12.4	18.4
4 11	14 59.93	+ 2 28.0	1.787	2.716	9.8	18.2
4 21	14 53.71	+ 3 39.6	1.740	2.702	7.7	18.0
5 1	14 46.32	+ 4 39.2	1.719	2.688	7.4	18.0
5 11	14 38.65	+ 5 20.5	1.723	2.674	9.1	18.0
5 21	14 31.59	+ 5 39.7	1.751	2.661	11.8	18.2
5 31	14 25.96	+ 5 35.3	1.801	2.648	14.7	18.3
6 10	14 22.32	+ 5 8.7	1.869	2.635	17.3	18.5

62310 2000 SP_{118} 5 3.8 277.°97 1.°0/ 3.2 18

4 1	15 8.32	−14 39.0	1.783	2.648	13.2	19.3
4 11	15 3.08	−14 20.0	1.699	2.635	9.7	19.1
4 21	14 55.64	−13 54.0	1.638	2.622	5.6	18.8
5 1	14 46.76	−13 23.6	1.603	2.609	1.4	18.5
5 11	14 37.47	−12 53.1	1.595	2.596	3.8	18.6
5 21	14 28.84	−12 26.7	1.614	2.584	8.2	18.9
5 31	14 21.83	−12 8.8	1.658	2.571	12.3	19.1
6 10	14 17.11	−12 2.4	1.722	2.558	15.8	19.3

432926 2011 SP_{231} 5 3.8 296.°97 8.°4/24.3 18

4 1	15 3.45	+ 3 33.7	1.961	2.830	12.0	20.8
4 11	14 59.24	+ 5 49.4	1.897	2.817	9.9	20.7
4 21	14 53.28	+ 8 0.4	1.858	2.804	8.5	20.6
5 1	14 46.23	+ 9 57.1	1.847	2.791	8.8	20.6
5 11	14 38.94	+11 31.4	1.861	2.779	10.6	20.6
5 21	14 32.25	+12 38.2	1.899	2.766	13.1	20.8
5 31	14 26.90	+13 15.6	1.958	2.754	15.5	20.9
6 10	14 23.42	+13 25.1	2.034	2.742	17.7	21.1

150995 2001 UX_{23} 5 3.8 149.°84 4.°9/ 7.3 18

4 1	15 12.18	−30 18.1	2.003	2.811	14.2	20.3
4 11	15 5.80	−30 39.6	1.927	2.817	11.3	20.1
4 21	14 57.16	−30 44.2	1.873	2.822	8.2	19.9
5 1	14 47.09	−30 30.5	1.845	2.828	5.6	19.7
5 11	14 36.73	−29 59.8	1.844	2.833	5.1	19.7
5 21	14 27.19	−29 16.4	1.870	2.837	7.4	19.9
5 31	14 19.44	−28 26.3	1.922	2.841	10.5	20.1
6 10	14 14.11	−27 36.4	1.996	2.845	13.4	20.2

260476 2005 CA_{6} 5 3.8 8.°63 4.°4/ 1.1 17

4 1	15 7.43	− 8 48.0	1.345	2.231	15.4	20.0
4 11	15 2.71	− 7 49.3	1.285	2.231	11.3	19.8
4 21	14 55.49	− 6 47.3	1.247	2.231	6.9	19.5
5 1	14 46.73	− 5 48.9	1.233	2.232	4.4	19.4
5 11	14 37.72	− 5 1.7	1.244	2.234	6.9	19.5
5 21	14 29.70	− 4 31.4	1.278	2.235	11.2	19.8
5 31	14 23.73	− 4 21.4	1.334	2.237	15.4	20.0
6 10	14 20.41	− 4 32.1	1.409	2.239	18.9	20.3

421252 2013 SY_{59} 5 3.8 132.°86 4.°0/30.5 17

4 1	15 7.67	− 7 14.6	1.955	2.823	12.1	21.3
4 11	15 2.14	− 6 9.7	1.897	2.833	8.8	21.2
4 21	14 54.85	− 5 3.8	1.863	2.842	5.6	21.0
5 1	14 46.56	− 4 2.3	1.856	2.851	4.0	20.9
5 11	14 38.18	− 3 10.8	1.878	2.859	5.9	21.0
5 21	14 30.57	− 2 33.4	1.926	2.867	9.1	21.2
5 31	14 24.45	− 2 12.6	1.998	2.875	12.2	21.4
6 10	14 20.31	− 2 8.9	2.091	2.882	14.9	21.6

363437 2003 SE_{95} 5 3.8 221.°41 2.°3/ 1.9 16

4 1	15 9.24	−13 13.4	1.941	2.802	12.5	21.4
4 11	15 3.51	−12 5.6	1.857	2.792	9.1	21.2
4 21	14 55.79	−10 49.3	1.798	2.781	5.3	20.9
5 1	14 46.80	− 9 29.6	1.766	2.769	2.3	20.7
5 11	14 37.51	− 8 12.7	1.763	2.757	4.7	20.8
5 21	14 28.89	− 7 4.9	1.788	2.744	8.6	21.0
5 31	14 21.81	− 6 11.3	1.838	2.730	12.4	21.2
6 10	14 16.84	− 5 35.0	1.909	2.715	15.6	21.4

316088 2009 KH_{13} 5 3.8 271.°52 4.°5/30.7 18

4 1	15 7.94	− 7 50.7	1.589	2.466	13.9	21.0
4 11	15 2.95	− 6 48.1	1.510	2.451	10.3	20.7
4 21	14 55.63	− 5 41.9	1.455	2.437	6.5	20.4
5 1	14 46.79	− 4 38.5	1.425	2.422	4.5	20.3
5 11	14 37.54	− 3 45.0	1.422	2.407	6.8	20.4
5 21	14 29.02	− 3 7.4	1.443	2.392	10.9	20.6
5 31	14 22.25	− 2 49.6	1.487	2.377	14.8	20.8
6 10	14 17.91	− 2 52.5	1.550	2.362	18.3	21.0

392678 2011 UH_{348} 5 3.8 19.°90 1.°1/ 2.8 17

4 1	15 3.76	−16 4.3	2.102	2.964	11.6	20.4
4 11	14 59.33	−15 5.2	2.030	2.966	8.4	20.2
4 21	14 53.26	−13 57.5	1.983	2.968	4.8	20.0
5 1	14 46.23	−12 45.3	1.964	2.970	1.3	19.7
5 11	14 39.06	−11 34.1	1.973	2.973	3.4	19.9
5 21	14 32.54	−10 29.2	2.010	2.975	7.1	20.1
5 31	14 27.37	− 9 35.2	2.072	2.978	10.5	20.3
6 10	14 24.00	− 8 55.1	2.156	2.981	13.4	20.5

151748 2003 DY_{16} 5 3.8 119.°16 2.°7/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.79	−10 11.8	2.035	2.896	12.0	21.1
4 11	15 3.56	− 9 26.0	1.981	2.915	8.6	20.9
4 21	14 55.62	− 8 37.5	1.951	2.933	5.1	20.7
5 1	14 46.74	− 7 50.6	1.950	2.951	2.7	20.6
5 11	14 37.83	− 7 9.7	1.977	2.968	4.6	20.7
5 21	14 29.74	− 6 38.6	2.032	2.984	7.9	21.0
5 31	14 23.18	− 6 20.0	2.112	3.000	11.1	21.2
6 10	14 18.60	− 6 14.9	2.213	3.015	13.8	21.4

295093 2008 EN_{151} 5 3.8 324.°61 1.°1/ 4.4 17

4 1	15 6.89	−19 18.4	1.338	2.211	16.2	20.7
4 11	15 2.75	−19 15.8	1.258	2.196	12.2	20.4
4 21	14 55.78	−19 0.2	1.198	2.181	7.4	20.1
5 1	14 46.87	−18 33.0	1.161	2.167	2.2	19.8
5 11	14 37.34	−17 58.4	1.149	2.154	3.9	19.8
5 21	14 28.64	−17 22.2	1.161	2.141	9.2	20.1
5 31	14 22.04	−16 51.2	1.195	2.129	14.2	20.3
6 10	14 18.39	−16 31.2	1.248	2.118	18.5	20.6

498026 2007 GU_{8} 5 3.8 223.°47 3.°5/ 5.7 17

4 1	15 13.69	−24 21.0	1.989	2.816	13.6	21.2
4 11	15 7.00	−25 1.4	1.903	2.811	10.5	21.0
4 21	14 57.96	−25 30.8	1.841	2.806	7.1	20.8
5 1	14 47.33	−25 47.4	1.805	2.801	4.0	20.6
5 11	14 36.20	−25 51.6	1.798	2.795	4.2	20.6
5 21	14 25.71	−25 45.8	1.818	2.789	7.3	20.8
5 31	14 16.92	−25 34.2	1.865	2.783	10.9	21.0
6 10	14 10.54	−25 22.2	1.934	2.776	14.0	21.1

341789 2007 WJ_{58} 5 3.8 111.°28 3.°6/ 1.0 18

4 1	15 7.20	− 5 34.7	2.247	3.110	10.9	20.7
4 11	15 1.65	− 5 5.8	2.185	3.118	8.0	20.5
4 21	14 54.54	− 4 38.1	2.148	3.125	5.2	20.4
5 1	14 46.52	− 4 15.3	2.138	3.133	3.6	20.3
5 11	14 38.39	− 4 0.8	2.157	3.140	5.1	20.4
5 21	14 30.91	− 3 56.9	2.204	3.147	8.0	20.6
5 31	14 24.73	− 4 4.9	2.275	3.154	10.8	20.8
6 10	14 20.30	− 4 25.0	2.368	3.161	13.3	20.9

19989 1990 RN_{8} 5 3.8 196.°18 1.°3/ 2.8 18

4 1	15 7.37	−14 8.4	2.090	2.950	11.8	19.0
4 11	15 2.00	−13 32.4	2.014	2.948	8.5	18.8
4 21	14 54.85	−12 50.0	1.963	2.946	4.9	18.5
5 1	14 46.60	−12 4.5	1.939	2.944	1.5	18.3
5 11	14 38.15	−11 20.4	1.943	2.942	3.6	18.4
5 21	14 30.35	−10 41.7	1.975	2.939	7.3	18.7
5 31	14 23.96	−10 12.4	2.033	2.936	10.8	18.9
6 10	14 19.49	− 9 54.9	2.113	2.933	13.8	19.1

158960 2004 RW_{200} 5 3.8 227.°04 1.°2/ 4.8 18

4 1	15 7.95	−22 0.8	2.241	3.079	11.9	20.4
4 11	15 2.46	−21 32.8	2.150	3.069	8.9	20.2
4 21	14 55.15	−20 52.8	2.083	3.059	5.5	20.0
5 1	14 46.69	−20 2.4	2.044	3.048	1.9	19.7
5 11	14 37.94	−19 5.1	2.034	3.037	2.7	19.7
5 21	14 29.78	−18 5.7	2.052	3.025	6.4	20.0
5 31	14 23.00	−17 9.6	2.097	3.013	9.9	20.1
6 10	14 18.16	−16 21.3	2.165	3.000	13.0	20.3

11226 1999 JO_{36} 5 3.8 309.°80 0.°8/ 3.1 18

4 1	15 4.44	−16 43.0	2.077	2.938	11.8	17.2
4 11	14 59.91	−15 52.7	1.999	2.934	8.6	17.0
4 21	14 53.65	−14 53.1	1.945	2.929	4.9	16.8
5 1	14 46.35	−13 48.0	1.918	2.925	1.2	16.5
5 11	14 38.84	−12 42.3	1.920	2.920	3.3	16.7
5 21	14 31.96	−11 41.4	1.949	2.916	7.1	16.9
5 31	14 26.45	−10 50.1	2.003	2.912	10.7	17.1
6 10	14 22.80	−10 11.7	2.079	2.908	13.7	17.3

499267 2009 VG_{47} 5 3.8 213.°51 1.°3/ 2.7 17

4 1	15 8.75	−13 42.1	2.185	3.041	11.5	22.7
4 11	15 2.99	−13 10.4	2.102	3.034	8.3	22.5
4 21	14 55.43	−12 32.9	2.043	3.026	4.8	22.3
5 1	14 46.75	−11 52.5	2.013	3.018	1.5	22.0
5 11	14 37.81	−11 13.2	2.011	3.010	3.6	22.2
5 21	14 29.45	−10 38.9	2.038	3.000	7.3	22.4
5 31	14 22.46	−10 13.3	2.090	2.991	10.7	22.6
6 10	14 17.38	− 9 58.8	2.165	2.980	13.7	22.7

207595 2006 QL_{79} 5 3.8 308.°11 1.°4/ 2.7 17

4 1	15 5.82	−13 35.0	2.008	2.873	12.0	20.6
4 11	15 0.96	−13 3.3	1.932	2.869	8.7	20.4
4 21	14 54.30	−12 25.9	1.880	2.864	5.0	20.2
5 1	14 46.50	−11 45.9	1.855	2.860	1.6	19.9
5 11	14 38.47	−11 7.7	1.857	2.856	3.7	20.1
5 21	14 31.08	−10 35.3	1.887	2.852	7.5	20.3
5 31	14 25.10	−10 12.5	1.941	2.848	11.1	20.5
6 10	14 21.07	−10 1.5	2.018	2.845	14.1	20.7

25020 Tinyacheng 5 3.8 315.°92 1.°8/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.20	−14 39.5	1.356	2.237	15.5	18.7
4 11	15 2.08	−13 57.2	1.278	2.223	11.4	18.4
4 21	14 55.32	−13 4.0	1.222	2.209	6.6	18.1
5 1	14 46.78	−12 4.8	1.189	2.195	2.0	17.7
5 11	14 37.74	−11 6.7	1.182	2.182	4.9	17.9
5 21	14 29.53	−10 17.0	1.198	2.169	10.1	18.1
5 31	14 23.33	− 9 42.1	1.237	2.157	14.9	18.4
6 10	14 19.90	− 9 25.6	1.294	2.146	19.1	18.6

78139 2002 NL_{16} 5 3.8 243.°53 1.°9/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.56	−12 20.4	2.118	2.981	11.5	19.9
4 11	15 1.44	−11 41.6	2.037	2.972	8.3	19.7
4 21	14 54.56	−10 57.8	1.980	2.964	4.8	19.5
5 1	14 46.57	−10 12.3	1.951	2.955	2.0	19.2
5 11	14 38.33	− 9 29.6	1.950	2.946	4.0	19.4
5 21	14 30.67	− 8 53.9	1.977	2.937	7.6	19.6
5 31	14 24.36	− 8 28.6	2.029	2.928	11.0	19.8
6 10	14 19.93	− 8 16.1	2.103	2.919	14.0	19.9

179979 2002 XS_{48} 5 3.8 269.°26 3.°0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.28	− 9 14.9	1.673	2.543	13.7	20.1
4 11	15 4.62	− 8 53.9	1.592	2.530	10.1	19.9
4 21	14 56.62	− 8 30.7	1.535	2.518	6.1	19.6
5 1	14 47.06	− 8 9.4	1.503	2.505	3.1	19.4
5 11	14 37.07	− 7 54.2	1.498	2.492	5.3	19.5
5 21	14 27.77	− 7 49.0	1.519	2.479	9.5	19.7
5 31	14 20.21	− 7 56.5	1.564	2.466	13.5	19.9
6 10	14 15.08	− 8 18.0	1.629	2.453	17.1	20.1

503308 2016 AL_{115} 5 3.8 12.°02 5.°5/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.07	− 6 55.4	1.063	1.962	17.4	20.2
4 11	15 2.15	− 6 10.9	1.013	1.965	12.8	19.9
4 21	14 55.34	− 5 26.7	0.983	1.969	8.1	19.7
5 1	14 46.77	− 4 50.5	0.975	1.974	5.5	19.6
5 11	14 37.94	− 4 29.8	0.989	1.980	8.0	19.7
5 21	14 30.34	− 4 29.3	1.025	1.987	12.6	20.0
5 31	14 25.11	− 4 50.4	1.080	1.996	17.0	20.3
6 10	14 22.91	− 5 32.0	1.152	2.006	20.8	20.5

308017 2004 RJ_{218} 5 3.8 276.°63 2.°8/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.75	−26 23.0	1.888	2.721	14.0	20.3
4 11	15 2.78	−25 55.2	1.789	2.701	10.8	20.0
4 21	14 55.56	−25 9.0	1.712	2.681	7.2	19.7
5 1	14 46.83	−24 5.2	1.661	2.660	3.6	19.5
5 11	14 37.65	−22 47.5	1.637	2.639	3.6	19.4
5 21	14 29.12	−21 22.3	1.641	2.617	7.4	19.6
5 31	14 22.23	−19 57.6	1.670	2.596	11.4	19.8
6 10	14 17.67	−18 40.7	1.722	2.574	15.0	20.0

370965 2005 SN_{131} 5 3.8 138.°03 0.°0/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.41	−17 40.6	2.120	2.969	12.1	22.3
4 11	15 3.38	−17 11.1	2.053	2.981	8.8	22.1
4 21	14 55.60	−16 33.1	2.011	2.992	5.1	21.9
5 1	14 46.79	−15 49.2	1.996	3.003	1.1	21.7
5 11	14 37.88	−15 3.4	2.010	3.013	2.9	21.8
5 21	14 29.72	−14 20.1	2.053	3.022	6.7	22.1
5 31	14 23.05	−13 43.4	2.122	3.031	10.1	22.3
6 10	14 18.36	−13 16.5	2.213	3.040	13.1	22.5

144255 2004 CF_{87} 5 3.8 161.°90 2.°7/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.40	−10 40.0	2.065	2.926	11.9	20.9
4 11	15 3.38	− 9 44.7	1.999	2.933	8.6	20.7
4 21	14 55.61	− 8 45.3	1.957	2.939	5.1	20.5
5 1	14 46.80	− 7 46.5	1.943	2.945	2.7	20.4
5 11	14 37.87	− 6 53.3	1.959	2.949	4.7	20.5
5 21	14 29.67	− 6 10.2	2.002	2.953	8.1	20.7
5 31	14 22.95	− 5 40.4	2.070	2.957	11.4	20.9
6 10	14 18.19	− 5 25.5	2.160	2.959	14.2	21.1

219704 2001 XJ_{36} 5 3.8 130.°09 6.°5/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.42	−34 50.7	1.835	2.631	15.8	20.2
4 11	15 4.80	−35 1.7	1.757	2.634	13.0	20.0
4 21	14 56.71	−34 50.2	1.700	2.636	9.9	19.8
5 1	14 47.07	−34 14.3	1.667	2.639	7.3	19.6
5 11	14 37.14	−33 16.1	1.660	2.641	6.5	19.6
5 21	14 28.15	−32 1.0	1.678	2.644	8.3	19.7
5 31	14 21.14	−30 37.4	1.722	2.646	11.2	19.9
6 10	14 16.75	−29 14.0	1.788	2.648	14.2	20.1

114760 2003 HY_{46} 5 3.8 334.°33 4.°2/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.58	− 7 58.2	1.157	2.054	16.4	18.1
4 11	15 1.41	− 7 45.7	1.073	2.025	12.3	17.7
4 21	14 55.24	− 7 33.0	1.009	1.996	7.6	17.4
5 1	14 46.84	− 7 25.6	0.967	1.969	4.2	17.1
5 11	14 37.57	− 7 29.3	0.947	1.944	6.9	17.1
5 21	14 28.98	− 7 48.6	0.949	1.920	12.2	17.3
5 31	14 22.52	− 8 26.3	0.971	1.898	17.4	17.5
6 10	14 19.23	− 9 22.7	1.010	1.879	22.0	17.8

153758 2001 UQ_{214} 5 3.8 308.°04 0.°9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.71	−12 23.8	4.315	5.168	6.3	20.1
4 11	14 55.03	−12 0.5	4.234	5.166	4.5	20.0
4 21	14 50.58	−11 35.1	4.181	5.164	2.6	19.9
5 1	14 45.69	−11 9.2	4.157	5.162	1.0	19.7
5 11	14 40.71	−10 44.5	4.163	5.160	2.0	19.8
5 21	14 35.99	−10 22.8	4.199	5.158	4.0	19.9
5 31	14 31.87	−10 5.4	4.262	5.156	5.8	20.1
6 10	14 28.61	− 9 53.7	4.349	5.154	7.5	20.2

70678 1999 UB_2 5 3.8 220.°65 2.°6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.16	− 9 48.3	2.067	2.931	11.7	19.9
4 11	15 2.61	− 9 19.6	1.990	2.926	8.5	19.7
4 21	14 55.25	− 8 48.3	1.939	2.921	5.1	19.5
5 1	14 46.75	− 8 18.1	1.914	2.916	2.6	19.3
5 11	14 38.00	− 7 52.9	1.918	2.911	4.5	19.4
5 21	14 29.88	− 7 35.9	1.948	2.905	8.0	19.6
5 31	14 23.16	− 7 29.9	2.004	2.899	11.4	19.8
6 10	14 18.39	− 7 36.2	2.082	2.893	14.3	20.0

407742 2011 VH_{12} 5 3.8 233.°42 1.°3/ 3.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.99	−14 8.0	1.648	2.511	14.2	22.0
4 11	15 5.95	−13 46.3	1.565	2.500	10.4	21.7
4 21	14 57.43	−13 17.3	1.505	2.490	6.0	21.4
5 1	14 47.27	−12 44.1	1.472	2.478	1.7	21.1
5 11	14 36.64	−12 11.0	1.466	2.466	4.2	21.3
5 21	14 26.77	−11 43.1	1.486	2.454	8.9	21.5
5 31	14 18.73	−11 25.0	1.530	2.440	13.3	21.7
6 10	14 13.26	−11 19.9	1.595	2.427	17.0	21.9

505866 2015 DH_{79} 5 3.8 305.°48 0.°0/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.68	−16 59.3	1.750	2.611	13.6	21.4
4 11	15 3.37	−16 53.0	1.673	2.607	10.0	21.1
4 21	14 55.85	−16 38.4	1.619	2.602	5.9	20.9
5 1	14 46.90	−16 17.4	1.591	2.598	1.3	20.6
5 11	14 37.61	−15 53.3	1.590	2.593	3.3	20.7
5 21	14 29.06	−15 30.3	1.615	2.589	7.8	21.0
5 31	14 22.20	−15 12.8	1.665	2.585	11.8	21.2
6 10	14 17.68	−15 4.4	1.737	2.581	15.3	21.4

474844 2005 SC_{76} 5 3.8 162.°31 2.°4/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.20	−10 12.9	2.548	3.410	9.8	22.1
4 11	14 59.39	− 9 22.0	2.478	3.413	7.1	22.0
4 21	14 53.24	− 8 28.3	2.433	3.415	4.2	21.8
5 1	14 46.29	− 7 35.3	2.417	3.417	2.4	21.6
5 11	14 39.22	− 6 47.1	2.429	3.419	4.0	21.8
5 21	14 32.67	− 6 7.1	2.470	3.421	6.9	21.9
5 31	14 27.23	− 5 38.1	2.537	3.422	9.6	22.1
6 10	14 23.31	− 5 21.4	2.626	3.423	12.0	22.3

4163 Saaremaa 5 3.8 81.°02 5.°5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.57	− 1 7.1	2.125	2.992	11.3	16.1
4 11	15 0.56	− 0 11.9	2.067	2.996	8.6	15.9
4 21	14 53.97	+ 0 39.1	2.033	3.001	6.3	15.8
5 1	14 46.45	+ 1 20.8	2.027	3.006	5.5	15.8
5 11	14 38.82	+ 1 48.7	2.047	3.010	7.0	15.9
5 21	14 31.85	+ 2 0.4	2.093	3.015	9.5	16.0
5 31	14 26.19	+ 1 54.7	2.163	3.020	12.2	16.2
6 10	14 22.31	+ 1 32.6	2.253	3.025	14.5	16.4

11080 1993 FO 5 3.8 281.°21 0.°3/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.84	−16 42.6	2.223	3.078	11.3	18.5
4 11	15 0.97	−16 17.8	2.129	3.061	8.3	18.2
4 21	14 54.35	−15 45.1	2.060	3.043	4.8	18.0
5 1	14 46.57	−15 6.7	2.018	3.025	1.0	17.7
5 11	14 38.45	−14 26.3	2.005	3.007	2.9	17.8
5 21	14 30.83	−13 47.9	2.019	2.989	6.8	18.0
5 31	14 24.48	−13 15.5	2.059	2.971	10.3	18.2
6 10	14 19.96	−12 52.4	2.122	2.952	13.4	18.4

344019 2012 DK_{63} 5 3.8 140.°86 1.°7/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.06	−12 52.9	1.848	2.709	13.0	21.6
4 11	15 4.77	−12 22.0	1.785	2.719	9.4	21.4
4 21	14 56.48	−11 45.9	1.745	2.729	5.4	21.1
5 1	14 47.02	−11 8.1	1.733	2.738	1.9	20.9
5 11	14 37.41	−10 33.0	1.749	2.746	4.1	21.1
5 21	14 28.66	−10 4.8	1.792	2.754	8.1	21.3
5 31	14 21.59	− 9 47.1	1.860	2.762	11.7	21.6
6 10	14 16.74	− 9 41.7	1.949	2.769	14.8	21.8

336467 2008 VG_7 5 3.8 260.°67 3.°4/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.19	−28 10.4	2.130	2.950	13.1	20.7
4 11	15 2.90	−27 52.9	2.031	2.933	10.3	20.4
4 21	14 55.55	−27 18.4	1.954	2.915	7.1	20.2
5 1	14 46.85	−26 27.0	1.903	2.897	4.1	20.0
5 11	14 37.76	−25 21.5	1.880	2.878	3.8	19.9
5 21	14 29.28	−24 7.1	1.885	2.859	6.8	20.1
5 31	14 22.30	−22 50.5	1.917	2.840	10.3	20.2
6 10	14 17.46	−21 38.3	1.971	2.821	13.5	20.4

11885 Summanus 5 3.8 56°.81 20°.6/15.9 11 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	16 15.96	−46 10.6	0.634	1.412	38.7	19.8
4 11	15 55.86	−50 9.0	0.644	1.482	32.7	19.8
4 21	15 26.70	−52 44.8	0.666	1.550	27.2	19.8
5 1	14 53.37	−53 35.4	0.703	1.617	22.9	19.9
5 11	14 23.17	−52 48.1	0.757	1.681	20.8	20.0
5 21	14 1.07	−50 55.8	0.829	1.743	20.8	20.3
5 31	13 48.24	−48 37.0	0.918	1.803	22.1	20.7
6 10	13 43.43	−46 19.9	1.021	1.861	23.9	21.0

333215 2012 HG_{20} 5 3.8 352°.75 4°.5/30.1 18

4 1	15 5.62	−18 43.0	0.947	1.841	19.4	19.7
4 11	15 2.16	−15 24.2	0.886	1.839	14.0	19.4
4 21	14 55.47	−11 31.8	0.848	1.838	7.9	19.0
5 1	14 46.83	− 7 25.1	0.834	1.836	4.5	18.8
5 11	14 37.99	− 3 30.4	0.845	1.836	9.1	19.1
5 21	14 30.54	− 0 11.1	0.880	1.836	15.1	19.4
5 31	14 25.74	+ 2 18.7	0.935	1.836	20.5	19.7
6 10	14 24.20	+ 3 56.8	1.005	1.836	24.8	20.0

375888 2009 VG_{72} 5 3.8 231°.76 2°.5/ 1.8 18

4 1	15 8.79	−10 22.1	2.253	3.111	11.1	22.1
4 11	15 3.02	− 9 39.6	2.163	3.097	8.1	21.9
4 21	14 55.50	− 8 53.1	2.100	3.082	4.8	21.7
5 1	14 46.83	− 8 6.4	2.064	3.066	2.5	21.5
5 11	14 37.87	− 7 23.8	2.058	3.049	4.4	21.6
5 21	14 29.42	− 6 49.3	2.080	3.032	7.8	21.8
5 31	14 22.26	− 6 26.0	2.127	3.014	11.1	21.9
6 10	14 16.94	− 6 16.1	2.196	2.996	14.0	22.1

213433 2001 XM_{258} 5 3.8 175°.92 1°.8/ 2.1 18

4 1	15 4.84	−12 43.5	2.410	3.271	10.4	20.5
4 11	14 59.95	−11 54.1	2.337	3.272	7.5	20.4
4 21	14 53.61	−10 59.8	2.289	3.272	4.3	20.2
5 1	14 46.39	−10 4.1	2.269	3.273	1.8	20.0
5 11	14 39.04	− 9 11.4	2.278	3.273	3.6	20.1
5 21	14 32.25	− 8 25.5	2.315	3.273	6.8	20.3
5 31	14 26.63	− 7 49.8	2.379	3.273	9.8	20.5
6 10	14 22.64	− 7 26.2	2.464	3.273	12.4	20.7

505612 2014 EX_{7} 5 3.8 123°.90 4°.0/ 6.9 18

4 1	15 10.70	−28 50.1	2.482	3.287	11.9	21.3
4 11	15 4.36	−29 17.5	2.407	3.297	9.4	21.1
4 21	14 56.23	−29 32.1	2.356	3.307	6.7	21.0
5 1	14 46.99	−29 32.9	2.333	3.317	4.5	20.8
5 11	14 37.52	−29 21.0	2.337	3.326	4.2	20.8
5 21	14 28.68	−28 58.9	2.370	3.335	6.2	21.0
5 31	14 21.26	−28 31.0	2.429	3.344	8.8	21.1
6 10	14 15.77	−28 1.9	2.513	3.353	11.3	21.3

404143 2013 CR_{18} 5 3.8 198°.12 3°.3/ 5.5 16

4 1	15 14.04	−23 25.5	1.475	2.322	16.5	21.7
4 11	15 7.80	−23 47.7	1.400	2.321	12.6	21.4
4 21	14 58.66	−23 55.2	1.347	2.320	8.2	21.1
5 1	14 47.58	−23 46.8	1.318	2.318	4.0	20.9
5 11	14 35.99	−23 24.7	1.315	2.316	4.4	20.9
5 21	14 25.38	−22 53.7	1.338	2.314	8.7	21.1
5 31	14 17.01	−22 20.7	1.384	2.312	13.2	21.4
6 10	14 11.68	−21 52.5	1.451	2.309	17.1	21.6

311294 2005 GQ_{159} 5 3.8 66°.09 0°.0/ 3.6 18

4 1	15 10.79	−17 22.0	1.391	2.260	16.0	20.8
4 11	15 5.07	−17 3.6	1.339	2.276	11.7	20.5
4 21	14 56.82	−16 34.5	1.308	2.292	6.7	20.3
5 1	14 47.11	−15 57.8	1.302	2.309	1.5	20.0
5 11	14 37.31	−15 19.0	1.322	2.325	3.8	20.2
5 21	14 28.68	−14 43.6	1.367	2.342	8.7	20.5
5 31	14 22.22	−14 17.2	1.435	2.358	13.1	20.8
6 10	14 18.50	−14 3.3	1.523	2.375	16.7	21.1

290171 2005 RY_{25} 5 3.8 309°.76 1°.4/ 2.8 16

4 1	15 5.96	−13 20.9	1.901	2.769	12.4	20.8
4 11	15 1.38	−12 59.8	1.805	2.743	9.1	20.6
4 21	14 54.75	−12 32.8	1.733	2.718	5.3	20.3
5 1	14 46.71	−12 2.8	1.687	2.693	1.6	20.0
5 11	14 38.18	−11 33.8	1.668	2.668	3.9	20.1
5 21	14 30.15	−11 9.9	1.676	2.644	8.1	20.3
5 31	14 23.54	−10 55.1	1.708	2.619	12.1	20.5
6 10	14 19.04	−10 52.2	1.761	2.595	15.6	20.7

97043 1999 UE_{24} 5 3.8 170°.75 2°.6/ 6.0 18

4 1	15 9.60	−25 37.9	2.446	3.266	11.6	19.8
4 11	15 3.53	−25 36.3	2.365	3.270	8.9	19.6
4 21	14 55.74	−25 22.6	2.308	3.273	5.9	19.5
5 1	14 46.89	−24 57.1	2.279	3.275	3.2	19.3
5 11	14 37.83	−24 22.1	2.279	3.277	3.2	19.3
5 21	14 29.40	−23 41.0	2.307	3.279	5.9	19.5
5 31	14 22.32	−22 58.4	2.362	3.280	8.9	19.6
6 10	14 17.12	−22 18.8	2.441	3.280	11.6	19.8

43021 1999 VT_{5} 5 3.8 230°.94 1°.7/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.15	−22 0.1	2.251	3.087	11.9	19.7
4 11	15 3.41	−21 57.6	2.160	3.077	9.0	19.5
4 21	14 55.77	−21 44.6	2.094	3.067	5.6	19.3
5 1	14 46.92	−21 21.8	2.054	3.057	2.3	19.1
5 11	14 37.72	−20 51.5	2.044	3.046	2.9	19.1
5 21	14 29.08	−20 17.3	2.061	3.035	6.4	19.3
5 31	14 21.82	−19 43.6	2.105	3.023	9.8	19.5
6 10	14 16.53	−19 14.7	2.172	3.011	12.9	19.6

144651 2004 FE_{106} 5 3.8 63°.93 1°.9/ 2.5 17

4 1	15 8.05	−14 0.8	1.511	2.385	14.7	20.1
4 11	15 2.91	−13 11.5	1.456	2.397	10.6	19.9
4 21	14 55.52	−12 14.5	1.423	2.409	6.0	19.6
5 1	14 46.84	−11 14.8	1.415	2.421	2.1	19.4
5 11	14 38.06	−10 19.1	1.434	2.433	4.6	19.6
5 21	14 30.28	− 9 33.3	1.478	2.445	9.1	19.9
5 31	14 24.40	− 9 1.8	1.546	2.457	13.1	20.2
6 10	14 20.96	− 8 46.9	1.633	2.469	16.5	20.4

506429 2000 SS_{284} 5 3.8 249°.19 0°.5/ 3.3 17

4 1	15 7.91	−17 44.1	2.219	3.069	11.6	22.1
4 11	15 2.49	−16 50.1	2.120	3.049	8.5	21.8
4 21	14 55.24	−15 45.2	2.047	3.029	4.9	21.6
5 1	14 46.81	−14 32.3	2.001	3.008	1.1	21.3
5 11	14 38.03	−13 16.5	1.985	2.986	3.2	21.4
5 21	14 29.78	−12 3.4	1.997	2.963	7.1	21.6
5 31	14 22.85	−10 58.6	2.036	2.940	10.8	21.8
6 10	14 17.82	−10 6.3	2.098	2.917	14.0	21.9

147386 2003 ED_{53} 5 3.8 359°.87 10°.5/27.3 17

4 1	15 6.30	+ 6 17.6	1.376	2.252	15.7	18.7
4 11	15 1.83	+ 7 30.8	1.326	2.250	12.9	18.5
4 21	14 55.00	+ 8 29.8	1.298	2.248	10.9	18.4
5 1	14 46.74	+ 9 5.5	1.291	2.248	10.7	18.4
5 11	14 38.29	+ 9 11.8	1.308	2.248	12.3	18.5
5 21	14 30.81	+ 8 46.7	1.345	2.249	15.0	18.6
5 31	14 25.26	+ 7 52.4	1.402	2.252	17.9	18.8
6 10	14 22.23	+ 6 33.6	1.475	2.254	20.6	19.0

431990 2008 UM_{251} 5 3.8 239°.11 0°.5/ 4.2 17

4 1	15 6.83	−19 41.7	1.976	2.829	12.7	21.3
4 11	15 1.80	−19 9.0	1.897	2.825	9.3	21.1
4 21	14 54.85	−18 25.1	1.841	2.822	5.5	20.8
5 1	14 46.71	−17 32.4	1.812	2.818	1.4	20.5
5 11	14 38.33	−16 35.3	1.811	2.814	2.9	20.6
5 21	14 30.63	−15 39.1	1.837	2.811	7.0	20.9
5 31	14 24.44	−14 49.2	1.889	2.807	10.8	21.1
6 10	14 20.31	−14 9.7	1.963	2.803	14.0	21.3

102952 1999 XB_{58} 5 3.8 143°.54 2°.3/ 2.0 17

4 1	15 8.29	−10 11.5	2.235	3.095	11.1	20.5
4 11	15 2.51	− 9 41.9	2.169	3.103	8.0	20.3
4 21	14 55.11	− 9 10.0	2.128	3.111	4.7	20.1
5 1	14 46.76	− 8 39.0	2.116	3.118	2.3	20.0
5 11	14 38.28	− 8 12.5	2.131	3.125	4.1	20.1
5 21	14 30.46	− 7 53.5	2.175	3.131	7.3	20.3
5 31	14 23.98	− 7 44.5	2.245	3.137	10.4	20.5
6 10	14 19.32	− 7 46.6	2.336	3.143	13.1	20.7

471177 2010 JP_{155} 5 3.8 350°.23 1°.9/ 2.8 16

4 1	15 7.13	−11 28.8	1.616	2.491	13.8	21.1
4 11	15 2.34	−11 23.8	1.544	2.485	10.1	20.9
4 21	14 55.31	−11 15.8	1.495	2.480	5.9	20.6
5 1	14 46.84	−11 7.7	1.471	2.476	2.1	20.3
5 11	14 38.02	−11 2.9	1.473	2.473	4.4	20.5
5 21	14 29.97	−11 4.7	1.501	2.470	8.7	20.7
5 31	14 23.64	−11 15.9	1.552	2.468	12.8	21.0
6 10	14 19.70	−11 38.0	1.624	2.467	16.2	21.2

438361 2006 SO_{271} 5 3.8 281°.05 0°.4/ 4.1 16

4 1	15 7.19	−17 56.5	2.120	2.972	11.9	21.9
4 11	15 2.05	−17 47.9	2.031	2.959	8.8	21.7
4 21	14 55.03	−17 31.2	1.966	2.947	5.2	21.4
5 1	14 46.78	−17 8.0	1.927	2.934	1.3	21.1
5 11	14 38.17	−16 41.1	1.917	2.921	2.8	21.2
5 21	14 30.11	−16 14.2	1.935	2.908	6.8	21.5
5 31	14 23.42	−15 51.3	1.978	2.895	10.4	21.7
6 10	14 18.70	−15 35.8	2.044	2.882	13.6	21.8

192277 3126 $T\text{-}_{3}$ 5 3.8 167°.75 0°.3/ 4.1 18

4 1	15 9.51	−17 52.6	2.280	3.125	11.5	20.7
4 11	15 3.49	−17 42.8	2.203	3.129	8.4	20.5
4 21	14 55.73	−17 25.4	2.152	3.132	4.9	20.3
5 1	14 46.91	−17 2.1	2.129	3.135	1.2	20.0
5 11	14 37.90	−16 35.7	2.134	3.137	2.7	20.1
5 21	14 29.52	−16 9.4	2.169	3.139	6.3	20.4
5 31	14 22.51	−15 47.0	2.230	3.141	9.6	20.6
6 10	14 17.39	−15 31.5	2.313	3.142	12.5	20.8

477211 2009 JN_8 5 3.8 262.°68 4.°2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.65	− 2 4.0	2.705	3.561	9.5	21.1
4 11	15 1.24	− 1 30.4	2.613	3.539	7.2	21.0
4 21	14 54.40	− 0 59.4	2.547	3.516	5.1	20.8
5 1	14 46.63	− 0 34.4	2.510	3.493	4.2	20.7
5 11	14 38.58	− 0 18.7	2.501	3.470	5.6	20.7
5 21	14 30.91	− 0 14.5	2.520	3.446	7.9	20.9
5 31	14 24.25	− 0 23.4	2.565	3.422	10.5	21.0
6 10	14 19.08	− 0 45.3	2.631	3.398	12.8	21.1

482097 2010 LF_{132} 5 3.8 263.°30 1.°3/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.16	−12 13.5	2.778	3.629	9.5	22.3
4 11	15 1.65	−11 58.5	2.676	3.605	6.9	22.1
4 21	14 54.67	−11 40.2	2.599	3.581	4.0	21.9
5 1	14 46.70	−11 20.7	2.551	3.556	1.4	21.7
5 11	14 38.40	−11 2.3	2.533	3.530	3.0	21.8
5 21	14 30.45	−10 47.7	2.544	3.504	6.1	21.9
5 31	14 23.50	−10 39.2	2.582	3.478	9.1	22.1
6 10	14 18.03	−10 38.6	2.644	3.451	11.7	22.2

310477 2000 SG_{211} 5 3.8 259.°08 2.°8/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.20	−10 37.3	1.578	2.449	14.4	20.6
4 11	15 5.49	−10 9.7	1.495	2.434	10.6	20.4
4 21	14 57.26	− 9 37.9	1.435	2.419	6.3	20.1
5 1	14 47.32	− 9 5.9	1.401	2.404	2.9	19.8
5 11	14 36.86	− 8 38.9	1.393	2.389	5.3	19.9
5 21	14 27.12	− 8 21.5	1.411	2.373	9.8	20.2
5 31	14 19.22	− 8 17.6	1.452	2.357	14.2	20.4
6 10	14 13.93	− 8 29.1	1.512	2.340	18.0	20.6

504641 2008 WY_{127} 5 3.8 175.°28 0.°1/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.79	−17 1.2	2.155	3.007	11.8	22.1
4 11	15 2.33	−16 40.6	2.079	3.009	8.6	21.9
4 21	14 55.10	−16 12.4	2.028	3.009	5.0	21.6
5 1	14 46.79	−15 38.8	2.004	3.010	1.1	21.4
5 11	14 38.28	−15 3.2	2.008	3.011	2.9	21.5
5 21	14 30.41	−14 29.6	2.041	3.011	6.7	21.7
5 31	14 23.93	−14 1.8	2.099	3.011	10.1	22.0
6 10	14 19.37	−13 42.8	2.180	3.010	13.1	22.2

187479 2006 DA_{15} 5 3.8 321.°70 1.°7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 59.19	− 8 29.0	4.021	4.879	6.6	19.7
4 11	14 55.45	− 8 3.9	3.941	4.874	4.8	19.5
4 21	14 50.89	− 7 38.2	3.888	4.869	2.9	19.4
5 1	14 45.84	− 7 13.8	3.865	4.864	1.7	19.3
5 11	14 40.69	− 6 52.5	3.871	4.859	2.8	19.4
5 21	14 35.82	− 6 36.1	3.906	4.854	4.7	19.5
5 31	14 31.58	− 6 26.0	3.968	4.849	6.5	19.6
6 10	14 28.25	− 6 22.8	4.053	4.845	8.2	19.7

498408 2007 YU_{52} 5 3.8 125.°88 6.°5/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.26	−41 48.0	2.862	3.588	12.3	21.9
4 11	15 4.71	−42 2.5	2.787	3.604	10.5	21.8
4 21	14 56.40	−41 58.3	2.734	3.619	8.7	21.7
5 1	14 47.07	−41 33.9	2.706	3.634	7.1	21.6
5 11	14 37.62	−40 50.3	2.704	3.649	6.5	21.6
5 21	14 28.93	−39 50.7	2.729	3.663	7.1	21.6
5 31	14 21.74	−38 40.4	2.781	3.677	8.5	21.7
6 10	14 16.52	−37 25.4	2.858	3.690	10.3	21.9

118192 1994 RA_{14} 5 3.8 285.°94 3.°1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 3.95	− 9 15.5	2.213	3.081	10.9	20.0
4 11	14 59.50	− 8 13.2	2.134	3.071	7.9	19.8
4 21	14 53.47	− 7 7.2	2.080	3.062	4.9	19.6
5 1	14 46.44	− 6 2.4	2.054	3.052	3.1	19.5
5 11	14 39.21	− 5 3.9	2.056	3.042	5.0	19.6
5 21	14 32.51	− 4 16.2	2.085	3.032	8.1	19.8
5 31	14 27.03	− 3 42.5	2.139	3.023	11.2	19.9
6 10	14 23.26	− 3 24.6	2.214	3.013	13.9	20.1

11909 1992 HD_5 5 3.8 268.°79 0.°6/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.85	−17 20.4	2.438	3.281	10.9	17.8
4 11	15 3.84	−17 38.2	2.342	3.266	8.1	17.6
4 21	14 56.04	−17 50.7	2.272	3.250	4.8	17.4
5 1	14 47.05	−17 58.3	2.229	3.235	1.4	17.1
5 11	14 37.66	−18 2.3	2.217	3.219	2.6	17.1
5 21	14 28.70	−18 4.6	2.233	3.204	6.1	17.3
5 31	14 20.96	−18 7.9	2.276	3.188	9.4	17.5
6 10	14 15.02	−18 14.7	2.343	3.172	12.3	17.7

299938 2006 TP_{40} 5 3.8 105.°74 0.°1/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.56	−17 55.8	2.448	3.295	10.7	21.8
4 11	15 1.19	−17 35.6	2.382	3.308	7.8	21.6
4 21	14 54.33	−17 8.2	2.341	3.321	4.5	21.4
5 1	14 46.63	−16 35.7	2.328	3.334	1.1	21.2
5 11	14 38.84	−16 1.1	2.344	3.346	2.5	21.3
5 21	14 31.66	−15 27.8	2.388	3.359	5.8	21.6
5 31	14 25.73	−14 59.2	2.459	3.371	8.8	21.8
6 10	14 21.47	−14 37.9	2.554	3.383	11.4	22.0

212675 2006 VN_{17} 5 3.8 56.°28 0.°0/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.08	−16 7.7	2.174	3.027	11.6	20.5
4 11	15 2.53	−16 10.1	2.101	3.031	8.5	20.3
4 21	14 55.23	−16 6.7	2.054	3.036	4.9	20.1
5 1	14 46.85	−15 58.9	2.033	3.040	1.1	19.8
5 11	14 38.26	−15 49.1	2.041	3.044	2.8	20.0
5 21	14 30.31	−15 40.2	2.077	3.049	6.5	20.2
5 31	14 23.74	−15 34.9	2.139	3.053	9.9	20.4
6 10	14 19.07	−15 35.9	2.224	3.058	12.7	20.6

459607 2013 HZ_{42} 5 3.8 217.°33 3.°5/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.75	−25 1.9	1.726	2.560	15.1	22.0
4 11	15 7.37	−25 17.8	1.641	2.553	11.6	21.7
4 21	14 58.37	−25 19.0	1.579	2.546	7.8	21.5
5 1	14 47.60	−25 4.2	1.542	2.539	4.2	21.2
5 11	14 36.32	−24 35.4	1.531	2.531	4.3	21.2
5 21	14 25.82	−23 57.0	1.548	2.522	8.0	21.4
5 31	14 17.26	−23 15.5	1.590	2.513	12.0	21.6
6 10	14 11.42	−22 37.7	1.653	2.503	15.7	21.8

506826 2007 TQ_{51} 5 3.8 247.°84 0.°6/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.42	−19 7.3	2.176	3.024	11.8	22.0
4 11	15 2.16	−18 52.5	2.090	3.016	8.7	21.8
4 21	14 55.08	−18 28.6	2.028	3.007	5.2	21.6
5 1	14 46.83	−17 57.1	1.993	2.998	1.4	21.3
5 11	14 38.29	−17 21.3	1.986	2.990	2.7	21.4
5 21	14 30.32	−16 45.0	2.008	2.980	6.5	21.6
5 31	14 23.72	−16 12.5	2.055	2.971	10.1	21.8
6 10	14 19.04	−15 47.6	2.125	2.962	13.2	22.0

234137 2000 DC_{59} 5 3.8 101.°34 3.°0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.88	− 9 49.9	1.997	2.866	11.8	20.6
4 11	15 0.98	− 8 58.7	1.928	2.867	8.6	20.4
4 21	14 54.34	− 8 4.2	1.885	2.868	5.2	20.2
5 1	14 46.65	− 7 11.0	1.868	2.869	3.0	20.1
5 11	14 38.79	− 6 24.3	1.880	2.870	4.9	20.2
5 21	14 31.60	− 5 48.2	1.917	2.871	8.3	20.4
5 31	14 25.82	− 5 25.9	1.980	2.872	11.6	20.6
6 10	14 21.95	− 5 18.6	2.063	2.873	14.5	20.8

290796 2005 VP_{74} 5 3.8 196.°26 0.°7/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.36	−17 54.6	1.529	2.393	15.1	20.8
4 11	15 4.81	−16 58.3	1.456	2.392	11.1	20.5
4 21	14 56.78	−15 48.1	1.406	2.390	6.4	20.2
5 1	14 47.22	−14 28.7	1.381	2.387	1.4	19.9
5 11	14 37.37	−13 7.2	1.383	2.385	4.1	20.1
5 21	14 28.46	−11 51.7	1.411	2.381	9.0	20.3
5 31	14 21.53	−10 49.4	1.463	2.378	13.5	20.6
6 10	14 17.22	−10 4.8	1.536	2.373	17.3	20.8

297749 2001 XO_{44} 5 3.8 118.°64 1.°2/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.27	−20 5.9	2.391	3.231	11.2	20.7
4 11	15 2.57	−20 11.7	2.316	3.237	8.3	20.6
4 21	14 55.22	−20 9.4	2.267	3.243	5.1	20.4
5 1	14 46.86	−19 59.9	2.245	3.249	1.8	20.1
5 11	14 38.30	−19 45.3	2.252	3.254	2.5	20.2
5 21	14 30.35	−19 28.2	2.287	3.260	5.8	20.4
5 31	14 23.69	−19 12.0	2.349	3.266	9.0	20.6
6 10	14 18.83	−18 59.9	2.434	3.271	11.7	20.8

469814 2005 SZ_{139} 5 3.8 284.°36 0.°9/ 3.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.69	−14 37.1	2.238	3.097	11.1	21.9
4 11	15 0.87	−14 11.8	2.148	3.082	8.1	21.7
4 21	14 54.33	−13 40.3	2.083	3.067	4.7	21.4
5 1	14 46.68	−13 5.3	2.046	3.052	1.2	21.2
5 11	14 38.73	−12 30.3	2.036	3.037	3.2	21.3
5 21	14 31.28	−11 59.0	2.055	3.022	6.9	21.5
5 31	14 25.07	−11 35.1	2.099	3.006	10.3	21.7
6 10	14 20.66	−11 21.1	2.165	2.991	13.3	21.8

204349 2004 SF_{23} 5 3.8 80.°16 1.°1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.33	−19 26.0	1.374	2.237	16.5	20.6
4 11	15 6.38	−19 21.9	1.316	2.249	12.2	20.4
4 21	14 57.73	−19 5.0	1.279	2.261	7.3	20.1
5 1	14 47.44	−18 37.3	1.267	2.273	2.2	19.8
5 11	14 36.95	−18 3.1	1.281	2.284	3.7	20.0
5 21	14 27.62	−17 28.5	1.319	2.296	8.7	20.3
5 31	14 20.57	−16 59.4	1.381	2.308	13.2	20.6
6 10	14 16.42	−16 40.7	1.463	2.320	17.0	20.9

29603 1998 MO_{44} 5 3.8 271.°32 7.°3/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 0.68	+25 1.4	4.396	5.154	7.8	18.4
4 11	14 56.47	+25 46.2	4.358	5.151	7.4	18.4
4 21	14 51.47	+26 19.0	4.343	5.149	7.3	18.4
5 1	14 46.01	+26 37.3	4.351	5.146	7.5	18.4
5 11	14 40.50	+26 39.6	4.382	5.144	8.0	18.4
5 21	14 35.31	+26 25.6	4.433	5.141	8.7	18.5
5 31	14 30.80	+25 55.9	4.504	5.138	9.4	18.5
6 10	14 27.22	+25 12.3	4.592	5.136	10.1	18.6

17415 1988 RO_{10} 5 3.8 301°.14 4°.8/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 58.42	+ 7 46.4	4.195	5.037	6.7	19.1
4 11	14 54.87	+ 8 41.9	4.136	5.033	5.6	19.0
4 21	14 50.56	+ 9 31.6	4.103	5.030	4.9	19.0
5 1	14 45.81	+10 12.8	4.098	5.027	4.9	19.0
5 11	14 40.98	+10 43.3	4.121	5.023	5.7	19.0
5 21	14 36.43	+11 1.8	4.169	5.020	6.9	19.1
5 31	14 32.47	+11 7.7	4.240	5.017	8.1	19.2
6 10	14 29.37	+11 1.4	4.332	5.014	9.3	19.3

497712 2006 SN_{114} 5 3.8 133°.04 0°.1/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.54	−17 3.3	2.595	3.442	10.2	22.0
4 11	15 1.12	−16 42.3	2.525	3.452	7.4	21.8
4 21	14 54.30	−16 15.0	2.481	3.462	4.3	21.7
5 1	14 46.65	−15 43.3	2.464	3.471	0.9	21.4
5 11	14 38.90	−15 10.2	2.477	3.480	2.4	21.5
5 21	14 31.71	−14 38.8	2.519	3.488	5.7	21.8
5 31	14 25.69	−14 12.2	2.588	3.496	8.6	22.0
6 10	14 21.25	−13 52.8	2.681	3.504	11.1	22.2

111689 2002 CZ_5 5 3.8 142°.29 5°.9/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.04	+ 1 54.2	2.527	3.387	10.0	20.0
4 11	14 59.30	+ 3 6.5	2.471	3.391	7.9	19.9
4 21	14 53.24	+ 4 13.6	2.441	3.396	6.2	19.8
5 1	14 46.42	+ 5 10.3	2.438	3.400	6.0	19.8
5 11	14 39.51	+ 5 52.5	2.462	3.404	7.2	19.8
5 21	14 33.13	+ 6 17.8	2.512	3.408	9.3	20.0
5 31	14 27.85	+ 6 25.2	2.586	3.411	11.4	20.1
6 10	14 24.05	+ 6 15.4	2.680	3.415	13.3	20.3

375887 2009 VR_{71} 5 3.8 219°.01 0°.2/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.32	−17 28.2	1.929	2.785	12.8	21.6
4 11	15 2.95	−16 57.0	1.849	2.780	9.4	21.4
4 21	14 55.59	−16 16.2	1.793	2.776	5.4	21.1
5 1	14 46.97	−15 28.5	1.764	2.771	1.2	20.8
5 11	14 38.08	−14 38.4	1.763	2.766	3.2	21.0
5 21	14 29.88	−13 50.9	1.789	2.760	7.4	21.2
5 31	14 23.23	−13 11.0	1.841	2.754	11.2	21.4
6 10	14 18.71	−12 42.3	1.914	2.748	14.5	21.6

63955 2001 SP_{65} 5 3.8 327°.09 0°.2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.46	−14 51.3	3.815	4.660	7.2	18.8
4 11	14 57.90	−14 56.4	3.727	4.653	5.3	18.6
4 21	14 52.36	−14 58.8	3.666	4.647	3.0	18.5
5 1	14 46.23	−14 59.3	3.634	4.640	0.7	18.3
5 11	14 39.94	−14 59.3	3.632	4.634	1.8	18.4
5 21	14 33.95	−15 0.1	3.660	4.627	4.1	18.5
5 31	14 28.65	−15 3.1	3.715	4.621	6.3	18.7
6 10	14 24.40	−15 9.5	3.796	4.615	8.2	18.8

396000 2013 BH_{55} 5 3.8 58°.60 4°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.35	− 1 45.0	2.327	3.192	10.5	20.7
4 11	14 59.61	− 0 52.5	2.268	3.198	8.0	20.6
4 21	14 53.45	− 0 3.5	2.235	3.204	5.7	20.4
5 1	14 46.47	+ 0 37.5	2.229	3.209	5.0	20.4
5 11	14 39.39	+ 1 6.5	2.250	3.215	6.4	20.5
5 21	14 32.88	+ 1 20.9	2.298	3.221	8.7	20.6
5 31	14 27.57	+ 1 19.8	2.370	3.227	11.2	20.8
6 10	14 23.85	+ 1 3.4	2.462	3.233	13.4	21.0

111810 2002 CT_{276} 5 3.8 203°.80 1°.5/ 2.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.61	−14 37.7	1.692	2.555	13.9	20.4
4 11	15 4.82	−13 54.4	1.616	2.552	10.1	20.1
4 21	14 56.75	−13 2.3	1.564	2.548	5.8	19.9
5 1	14 47.25	−12 5.6	1.538	2.544	1.8	19.6
5 11	14 37.45	−11 10.0	1.540	2.539	4.3	19.7
5 21	14 28.45	−10 21.4	1.568	2.533	8.7	20.0
5 31	14 21.24	− 9 44.9	1.620	2.527	12.9	20.2
6 10	14 16.44	− 9 23.5	1.694	2.521	16.4	20.4

210560 1999 TV_{150} 5 3.8 267°.81 0°.6/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.44	−18 3.2	1.646	2.504	14.5	20.7
4 11	15 5.78	−18 1.2	1.555	2.486	10.8	20.4
4 21	14 57.53	−17 49.3	1.487	2.468	6.5	20.1
5 1	14 47.47	−17 28.7	1.444	2.450	1.7	19.8
5 11	14 36.80	−17 2.6	1.428	2.431	3.5	19.8
5 21	14 26.77	−16 35.6	1.438	2.412	8.4	20.1
5 31	14 18.57	−16 12.8	1.473	2.393	13.0	20.3
6 10	14 12.99	−15 59.2	1.528	2.374	16.9	20.5

96056 2704 P–L 5 3.8 330°.51 6°.0/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 2.47	− 3 16.0	1.953	2.830	11.7	18.8
4 11	14 58.58	− 1 28.4	1.885	2.821	8.9	18.6
4 21	14 53.01	+ 0 19.3	1.843	2.813	6.6	18.5
5 1	14 46.40	+ 1 59.4	1.827	2.805	6.1	18.4
5 11	14 39.59	+ 3 24.3	1.838	2.797	8.0	18.5
5 21	14 33.38	+ 4 28.7	1.875	2.790	10.9	18.7
5 31	14 28.50	+ 5 9.6	1.934	2.783	13.7	18.8
6 10	14 25.44	+ 5 26.8	2.012	2.776	16.2	19.0

423846 2006 QO_{64} 5 3.8 279°.47 0°.1/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.43	−17 29.6	1.574	2.438	14.7	21.7
4 11	15 4.37	−17 5.0	1.483	2.418	10.9	21.5
4 21	14 56.73	−16 28.7	1.414	2.397	6.4	21.1
5 1	14 47.30	−15 43.1	1.370	2.376	1.4	20.8
5 11	14 37.25	−14 53.2	1.352	2.355	3.8	20.9
5 21	14 27.87	−14 5.0	1.360	2.334	8.9	21.1
5 31	14 20.32	−13 25.0	1.392	2.312	13.6	21.3
6 10	14 15.42	−12 58.2	1.444	2.291	17.7	21.5

30729 1980 TA 5 3.8 145°.44 3°.5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.12	− 9 48.9	1.643	2.512	14.0	18.1
4 11	15 5.04	− 8 53.6	1.582	2.520	10.1	17.9
4 21	14 56.79	− 7 54.6	1.545	2.528	6.1	17.6
5 1	14 47.25	− 6 57.5	1.535	2.535	3.5	17.5
5 11	14 37.56	− 6 8.6	1.552	2.542	5.7	17.6
5 21	14 28.81	− 5 32.7	1.594	2.548	9.6	17.9
5 31	14 21.90	− 5 13.3	1.661	2.554	13.4	18.1
6 10	14 17.38	− 5 11.4	1.747	2.559	16.6	18.3

312899 2011 US_{296} 5 3.8 310°.54 1°.0/ 3.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.42	−11 42.9	1.958	2.817	12.5	20.3
4 11	15 5.35	−12 7.1	1.868	2.800	9.2	20.0
4 21	14 57.10	−12 30.3	1.801	2.784	5.4	19.7
5 1	14 47.37	−12 53.4	1.762	2.768	1.5	19.4
5 11	14 37.12	−13 17.9	1.751	2.752	3.5	19.6
5 21	14 27.39	−13 45.2	1.769	2.737	7.7	19.8
5 31	14 19.15	−14 17.0	1.812	2.722	11.5	20.0
6 10	14 13.11	−14 54.7	1.877	2.707	14.9	20.2

206891 2004 GT_{44} 5 3.8 102°.08 1°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.41	−20 28.5	2.210	3.055	11.8	20.8
4 11	15 2.02	−20 14.7	2.141	3.064	8.7	20.6
4 21	14 54.93	−19 51.3	2.095	3.073	5.3	20.4
5 1	14 46.83	−19 19.9	2.077	3.082	1.7	20.1
5 11	14 38.58	−18 43.6	2.087	3.091	2.6	20.2
5 21	14 31.01	−18 6.4	2.125	3.099	6.2	20.5
5 31	14 24.84	−17 32.3	2.190	3.108	9.5	20.7
6 10	14 20.55	−17 5.1	2.277	3.116	12.3	20.9

165341 2000 VN_{30} 5 3.8 189°.01 4°.6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.64	− 5 27.3	1.560	2.430	14.5	19.5
4 11	15 6.36	− 5 4.4	1.494	2.430	10.8	19.3
4 21	14 57.68	− 4 43.6	1.450	2.430	6.9	19.0
5 1	14 47.47	− 4 29.6	1.433	2.429	4.6	18.9
5 11	14 36.97	− 4 26.9	1.441	2.428	6.6	19.0
5 21	14 27.38	− 4 38.3	1.476	2.427	10.4	19.2
5 31	14 19.70	− 5 5.0	1.533	2.426	14.3	19.5
6 10	14 14.60	− 5 46.5	1.610	2.425	17.6	19.7

63907 2001 SJ_{20} 5 3.8 104°.24 1°.0/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.85	−18 45.5	1.418	2.279	16.3	18.8
4 11	15 7.50	−18 50.7	1.357	2.288	12.0	18.6
4 21	14 58.42	−18 44.7	1.317	2.298	7.2	18.3
5 1	14 47.64	−18 28.7	1.302	2.307	2.1	18.0
5 11	14 36.60	−18 6.3	1.313	2.316	3.7	18.2
5 21	14 26.67	−17 42.5	1.349	2.325	8.7	18.5
5 31	14 19.01	−17 22.9	1.409	2.334	13.2	18.8
6 10	14 14.26	−17 12.1	1.490	2.342	17.0	19.0

462194 2007 UD_{120} 5 3.8 121°.69 0°.9/ 4.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.43	−18 17.0	1.557	2.414	15.2	22.1
4 11	15 7.04	−18 25.3	1.490	2.421	11.3	21.9
4 21	14 58.11	−18 23.9	1.446	2.427	6.7	21.6
5 1	14 47.58	−18 13.7	1.428	2.434	1.9	21.3
5 11	14 36.74	−17 57.8	1.436	2.440	3.5	21.5
5 21	14 26.89	−17 40.4	1.471	2.446	8.2	21.8
5 31	14 19.10	−17 26.4	1.530	2.452	12.5	22.0
6 10	14 14.03	−17 19.9	1.610	2.457	16.2	22.3

389773 2011 SN_{258} 5 3.8 293°.75 1°.2/ 2.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.16	−14 31.9	2.100	2.963	11.6	21.2
4 11	15 0.59	−13 54.6	2.011	2.947	8.4	20.9
4 21	14 54.22	−13 10.2	1.947	2.931	4.9	20.7
5 1	14 46.70	−12 21.8	1.909	2.915	1.4	20.4
5 11	14 38.87	−11 33.9	1.900	2.900	3.5	20.5
5 21	14 31.56	−10 51.0	1.918	2.884	7.4	20.7
5 31	14 25.57	−10 17.2	1.961	2.868	10.9	20.9
6 10	14 21.46	− 9 55.5	2.026	2.853	14.1	21.1

364647 2007 TT_{150} 5 3.8 221°.34 3°.9/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.14	−26 23.7	1.706	2.537	15.3	20.9
4 11	15 6.98	−26 38.5	1.622	2.531	12.0	20.7
4 21	14 58.19	−26 37.0	1.559	2.524	8.1	20.4
5 1	14 47.63	−26 18.0	1.521	2.516	4.7	20.2
5 11	14 36.55	−25 43.3	1.511	2.509	4.6	20.2
5 21	14 26.28	−24 57.8	1.526	2.500	8.1	20.4
5 31	14 17.98	−24 8.4	1.567	2.491	12.1	20.6
6 10	14 12.41	−23 22.5	1.628	2.482	15.7	20.8

471499 2011 WO_{140} 5 3.8 204.°51 2.°2/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.75	−24 47.7	3.041	3.857	9.7	22.3
4 11	15 2.02	−24 52.9	2.949	3.852	7.4	22.1
4 21	14 54.88	−24 49.0	2.882	3.846	4.9	21.9
5 1	14 46.84	−24 36.0	2.844	3.840	2.6	21.8
5 11	14 38.58	−24 15.5	2.835	3.833	2.7	21.8
5 21	14 30.74	−23 49.9	2.855	3.826	5.0	21.9
5 31	14 23.93	−23 22.2	2.904	3.819	7.5	22.1
6 10	14 18.61	−22 55.8	2.977	3.811	9.9	22.2

37985 1998 HF_{144} 5 3.8 303.°49 4.°5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.26	− 6 48.0	1.709	2.585	13.1	19.1
4 11	15 1.62	− 5 50.3	1.635	2.576	9.7	18.9
4 21	14 54.90	− 4 51.0	1.586	2.566	6.3	18.6
5 1	14 46.87	− 3 56.0	1.562	2.557	4.5	18.5
5 11	14 38.53	− 3 11.7	1.564	2.547	6.6	18.6
5 21	14 30.89	− 2 42.7	1.591	2.538	10.2	18.8
5 31	14 24.84	− 2 32.2	1.642	2.529	13.8	19.0
6 10	14 20.99	− 2 40.5	1.711	2.521	17.0	19.2

497594 2006 KZ_{8} 5 3.9 356.°37 0.°7/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.48	−15 8.7	1.088	1.978	17.8	21.1
4 11	15 3.51	−15 6.2	1.026	1.974	13.1	20.8
4 21	14 56.41	−14 54.6	0.983	1.971	7.6	20.5
5 1	14 47.25	−14 37.0	0.962	1.969	1.7	20.1
5 11	14 37.59	−14 18.6	0.964	1.968	4.6	20.3
5 21	14 29.06	−14 4.8	0.988	1.968	10.5	20.6
5 31	14 22.99	−14 1.2	1.033	1.970	15.7	20.9
6 10	14 20.19	−14 11.1	1.096	1.972	20.1	21.2

328302 2008 GU_{138} 5 3.9 202.°75 0.°3/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.37	−16 23.0	1.920	2.775	12.9	21.2
4 11	15 4.47	−16 4.5	1.841	2.772	9.4	21.0
4 21	14 56.50	−15 38.1	1.786	2.768	5.5	20.7
5 1	14 47.23	−15 5.9	1.758	2.764	1.2	20.4
5 11	14 37.65	−14 31.8	1.758	2.760	3.3	20.6
5 21	14 28.78	−14 0.0	1.785	2.755	7.5	20.8
5 31	14 21.49	−13 35.0	1.838	2.750	11.3	21.0
6 10	14 16.41	−13 19.8	1.913	2.744	14.6	21.2

110062 2001 SG_{108} 5 3.9 173.°10 2.°3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.93	−26 8.7	2.045	2.874	13.2	19.3
4 11	15 3.32	−25 29.3	1.965	2.876	10.1	19.1
4 21	14 55.77	−24 33.2	1.909	2.878	6.5	18.9
5 1	14 47.04	−23 22.2	1.879	2.879	3.1	18.7
5 11	14 38.15	−22 0.9	1.878	2.880	3.1	18.7
5 21	14 30.04	−20 35.6	1.905	2.881	6.6	18.9
5 31	14 23.52	−19 13.4	1.959	2.881	10.2	19.1
6 10	14 19.14	−18 0.2	2.036	2.881	13.4	19.3

125435 2001 VM_{115} 5 3.9 167.°46 0.°5/ 3.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.60	−15 58.3	1.950	2.806	12.7	20.4
4 11	15 3.82	−15 37.8	1.877	2.809	9.2	20.2
4 21	14 56.07	−15 9.8	1.828	2.811	5.3	20.0
5 1	14 47.12	−14 36.9	1.806	2.813	1.2	19.7
5 11	14 37.95	−14 2.9	1.813	2.814	3.2	19.9
5 21	14 29.50	−13 31.9	1.846	2.816	7.3	20.1
5 31	14 22.62	−13 8.0	1.906	2.817	11.0	20.3
6 10	14 17.86	−12 54.2	1.987	2.817	14.2	20.5

25901 Ericbrooks 5 3.9 9.°76 1.°7/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.44	−13 55.4	1.186	2.073	16.9	18.5
4 11	15 3.15	−13 33.1	1.127	2.074	12.3	18.2
4 21	14 56.04	−13 2.7	1.089	2.076	7.1	17.9
5 1	14 47.15	−12 28.5	1.073	2.079	2.0	17.6
5 11	14 37.93	−11 56.9	1.081	2.083	4.9	17.8
5 21	14 29.82	−11 33.7	1.113	2.088	10.2	18.1
5 31	14 24.00	−11 23.7	1.165	2.093	15.0	18.4
6 10	14 21.14	−11 29.4	1.236	2.099	19.1	18.6

99786 2002 JD_{141} 5 3.9 71.°69 1.°5/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.41	−15 10.4	1.803	2.669	13.0	19.9
4 11	15 1.53	−14 12.8	1.739	2.677	9.4	19.7
4 21	14 54.73	−13 6.8	1.699	2.684	5.4	19.4
5 1	14 46.82	−11 57.0	1.686	2.692	1.7	19.2
5 11	14 38.78	−10 49.5	1.701	2.700	4.0	19.4
5 21	14 31.55	− 9 50.2	1.742	2.708	8.0	19.6
5 31	14 25.92	− 9 3.8	1.808	2.715	11.7	19.9
6 10	14 22.38	− 8 33.0	1.895	2.723	14.8	20.1

181730 1995 SN_{49} 5 3.9 230.°02 0.°1/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.22	−17 17.6	2.437	3.286	10.7	22.1
4 11	15 1.11	−16 53.9	2.351	3.280	7.8	21.9
4 21	14 54.43	−16 22.8	2.291	3.273	4.5	21.7
5 1	14 46.76	−15 46.5	2.259	3.265	1.0	21.4
5 11	14 38.86	−15 8.1	2.256	3.258	2.6	21.5
5 21	14 31.48	−14 31.1	2.281	3.250	6.1	21.7
5 31	14 25.29	−13 59.4	2.332	3.243	9.3	21.9
6 10	14 20.79	−13 35.7	2.407	3.235	12.1	22.1

161491 2004 KJ_{10} 5 3.9 356.°00 1.°5/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.68	−20 7.7	2.074	2.920	12.4	19.7
4 11	15 3.18	−20 21.4	1.996	2.920	9.3	19.4
4 21	14 55.74	−20 26.5	1.942	2.919	5.7	19.2
5 1	14 47.07	−20 23.4	1.915	2.919	2.1	19.0
5 11	14 38.10	−20 14.0	1.915	2.918	2.9	19.0
5 21	14 29.76	−20 1.2	1.943	2.918	6.6	19.3
5 31	14 22.90	−19 48.9	1.997	2.918	10.1	19.5
6 10	14 18.09	−19 40.6	2.074	2.918	13.1	19.7

180144 2003 GV_{5} 5 3.9 14.°86 1.°0/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.45	−15 17.3	1.825	2.694	12.8	19.6
4 11	15 0.15	−14 41.4	1.759	2.698	9.2	19.4
4 21	14 53.97	−13 57.9	1.717	2.702	5.3	19.2
5 1	14 46.66	−13 10.5	1.700	2.707	1.4	18.9
5 11	14 39.18	−12 24.1	1.711	2.712	3.6	19.1
5 21	14 32.44	−11 43.4	1.748	2.718	7.6	19.3
5 31	14 27.21	−11 12.7	1.809	2.724	11.3	19.6
6 10	14 24.02	−10 54.7	1.891	2.731	14.4	19.8

507446 2012 TR_{16} 5 3.9 256.°34 1.°5/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.40	−14 7.6	2.036	2.899	11.9	22.0
4 11	15 1.47	−13 25.3	1.955	2.891	8.7	21.8
4 21	14 54.73	−12 36.0	1.899	2.883	5.0	21.5
5 1	14 46.84	−11 43.4	1.870	2.876	1.6	21.3
5 11	14 38.70	−10 52.2	1.869	2.868	3.8	21.4
5 21	14 31.17	−10 7.1	1.895	2.860	7.6	21.6
5 31	14 25.03	− 9 32.2	1.947	2.852	11.1	21.8
6 10	14 20.84	− 9 10.3	2.020	2.843	14.2	22.0

82380 2001 MU_{17} 5 3.9 231.°60 1.°4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.60	−23 45.4	2.600	3.429	10.7	19.0
4 11	15 1.36	−23 8.8	2.504	3.417	8.1	18.8
4 21	14 54.56	−22 19.9	2.433	3.405	5.1	18.6
5 1	14 46.80	−21 20.4	2.390	3.392	2.1	18.4
5 11	14 38.81	−20 13.7	2.376	3.379	2.5	18.4
5 21	14 31.33	−19 4.3	2.392	3.366	5.6	18.6
5 31	14 25.03	−17 57.0	2.436	3.352	8.7	18.8
6 10	14 20.40	−16 56.6	2.504	3.337	11.5	18.9

246067 2006 VE_{129} 5 3.9 255.°02 2.°4/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.87	−26 18.7	2.554	3.373	11.2	21.3
4 11	15 1.67	−25 55.7	2.451	3.355	8.6	21.1
4 21	14 54.81	−25 19.3	2.372	3.337	5.7	20.9
5 1	14 46.87	−24 30.1	2.321	3.318	3.0	20.6
5 11	14 38.63	−23 30.8	2.299	3.299	2.9	20.6
5 21	14 30.88	−22 25.6	2.305	3.279	5.8	20.8
5 31	14 24.33	−21 19.6	2.339	3.259	8.9	20.9
6 10	14 19.53	−20 18.0	2.398	3.239	11.7	21.1

299738 2006 RA_{70} 5 3.9 271.°61 2.°8/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.84	−10 30.1	2.136	3.004	11.2	21.3
4 11	15 0.20	− 9 31.6	2.062	3.000	8.1	21.1
4 21	14 53.93	− 8 28.9	2.013	2.995	4.9	20.9
5 1	14 46.66	− 7 26.6	1.991	2.991	2.8	20.8
5 11	14 39.20	− 6 29.7	1.997	2.987	4.7	20.9
5 21	14 32.33	− 5 42.9	2.030	2.983	8.0	21.1
5 31	14 26.75	− 5 9.6	2.089	2.979	11.2	21.3
6 10	14 22.96	− 4 51.4	2.168	2.975	13.9	21.4

119812 2002 AS_{157} 5 3.9 23.°39 0.°8/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.25	−15 20.1	1.995	2.859	12.1	19.8
4 11	15 0.60	−14 53.7	1.927	2.863	8.8	19.6
4 21	14 54.18	−14 20.7	1.884	2.868	5.0	19.4
5 1	14 46.72	−13 43.9	1.866	2.873	1.2	19.1
5 11	14 39.08	−13 7.3	1.877	2.878	3.2	19.3
5 21	14 32.12	−12 35.1	1.914	2.884	7.1	19.5
5 31	14 26.58	−12 10.9	1.977	2.890	10.6	19.8
6 10	14 22.97	−11 57.3	2.061	2.896	13.6	20.0

257950 2000 YV_{57} 5 3.9 179.°80 1.°4/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.46	−13 58.1	1.925	2.781	12.8	21.4
4 11	15 5.18	−13 26.9	1.851	2.783	9.3	21.2
4 21	14 56.88	−12 49.3	1.801	2.784	5.3	20.9
5 1	14 47.34	−12 8.4	1.779	2.785	1.6	20.7
5 11	14 37.55	−11 28.8	1.785	2.785	3.8	20.8
5 21	14 28.53	−10 54.7	1.819	2.784	7.9	21.1
5 31	14 21.11	−10 30.2	1.879	2.782	11.6	21.3
6 10	14 15.88	−10 17.8	1.960	2.779	14.8	21.5

264279 1997 SK_{30} 5 3.9 214.°55 0.°0/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.85	−18 15.7	1.874	2.729	13.1	21.1
4 11	15 3.43	−17 47.2	1.795	2.725	9.7	20.9
4 21	14 55.93	−17 8.4	1.739	2.721	5.7	20.6
5 1	14 47.14	−16 21.8	1.711	2.717	1.3	20.3
5 11	14 38.05	−15 31.7	1.709	2.712	3.2	20.4
5 21	14 29.68	−14 43.4	1.736	2.708	7.5	20.7
5 31	14 22.93	−14 2.1	1.787	2.703	11.4	20.9
6 10	14 18.37	−13 31.7	1.860	2.697	14.7	21.1

312705 2010 PW_{21} 5 3.9 195°.68 1°.3/ 2.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 3.59	−13 37.5	2.750	3.607	9.4	21.0
4 11	14 58.99	−12 52.7	2.673	3.605	6.8	20.8
4 21	14 53.12	−12 3.1	2.621	3.604	3.9	20.6
5 1	14 46.48	−11 11.5	2.598	3.603	1.4	20.4
5 11	14 39.71	−10 21.7	2.605	3.601	3.0	20.6
5 21	14 33.41	− 9 37.1	2.640	3.600	6.0	20.8
5 31	14 28.12	− 9 0.5	2.701	3.598	8.7	20.9
6 10	14 24.25	− 8 34.2	2.786	3.596	11.1	21.1

437365 2013 UQ_{11} 5 3.9 148°.30 4°.9/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.53	−33 40.0	2.435	3.217	12.8	21.7
4 11	15 5.06	−33 41.0	2.357	3.228	10.3	21.6
4 21	14 56.74	−33 24.6	2.303	3.238	7.7	21.4
5 1	14 47.31	−32 50.1	2.274	3.247	5.5	21.3
5 11	14 37.72	−31 59.6	2.274	3.256	4.9	21.3
5 21	14 28.90	−30 57.2	2.301	3.264	6.5	21.4
5 31	14 21.62	−29 48.7	2.356	3.272	9.0	21.5
6 10	14 16.40	−28 40.5	2.435	3.278	11.5	21.7

82228 2001 HU_{64} 5 3.9 242°.03 0°.1/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.35	−18 52.0	1.990	2.840	12.7	19.6
4 11	15 3.79	−18 1.8	1.896	2.824	9.4	19.4
4 21	14 56.18	−16 59.0	1.825	2.807	5.5	19.1
5 1	14 47.22	−15 46.5	1.782	2.789	1.2	18.8
5 11	14 37.88	−14 29.7	1.768	2.770	3.2	18.9
5 21	14 29.15	−13 14.8	1.782	2.751	7.6	19.1
5 31	14 21.94	−12 8.1	1.822	2.732	11.5	19.3
6 10	14 16.86	−11 14.5	1.884	2.711	15.0	19.5

141970 2002 PL_{125} 5 3.9 257°.52 0°.3/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.44	−18 25.4	1.792	2.646	13.7	21.1
4 11	15 4.86	−18 5.3	1.699	2.628	10.2	20.8
4 21	14 56.94	−17 34.3	1.629	2.610	6.0	20.5
5 1	14 47.42	−16 54.1	1.585	2.591	1.5	20.2
5 11	14 37.37	−16 8.8	1.569	2.572	3.3	20.3
5 21	14 27.94	−15 23.6	1.579	2.552	8.0	20.5
5 31	14 20.18	−14 44.2	1.615	2.532	12.3	20.7
6 10	14 14.82	−14 15.4	1.671	2.511	16.0	20.9

39696 1996 TO_{1} 5 3.9 246°.86 1°.6/ 5.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.33	−21 44.4	2.108	2.946	12.5	20.0
4 11	15 4.52	−21 37.2	2.010	2.929	9.5	19.8
4 21	14 56.63	−21 18.7	1.937	2.912	5.9	19.5
5 1	14 47.33	−20 49.6	1.891	2.894	2.3	19.2
5 11	14 37.59	−20 12.4	1.873	2.875	3.0	19.3
5 21	14 28.40	−19 31.2	1.883	2.856	6.8	19.5
5 31	14 20.66	−18 51.1	1.919	2.837	10.6	19.7
6 10	14 15.04	−18 17.0	1.978	2.817	13.9	19.8

106340 2000 UV_{108} 5 3.9 113°.40 3°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.91	− 9 46.6	1.609	2.479	14.1	19.9
4 11	15 4.89	− 8 53.5	1.554	2.493	10.2	19.7
4 21	14 56.72	− 7 57.2	1.523	2.506	6.2	19.5
5 1	14 47.31	− 7 3.3	1.519	2.519	3.5	19.3
5 11	14 37.82	− 6 17.9	1.541	2.532	5.7	19.5
5 21	14 29.32	− 5 45.7	1.589	2.544	9.6	19.8
5 31	14 22.69	− 5 29.7	1.661	2.556	13.3	20.0
6 10	14 18.45	− 5 30.7	1.753	2.568	16.4	20.2

507330 2011 SO_{203} 5 3.9 140°.78 7°.2/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 14.44	−45 50.5	3.289	3.972	11.6	23.2
4 11	15 7.14	−46 34.6	3.211	3.985	10.2	23.1
4 21	14 57.97	−47 1.3	3.154	3.998	8.8	23.0
5 1	14 47.61	−47 8.1	3.121	4.010	7.7	22.9
5 11	14 36.97	−46 54.7	3.114	4.021	7.2	22.9
5 21	14 26.96	−46 22.9	3.133	4.032	7.5	22.9
5 31	14 18.37	−45 36.8	3.179	4.042	8.5	23.0
6 10	14 11.77	−44 41.7	3.248	4.052	9.8	23.1

43329 2000 OU_{25} 5 3.9 240°.86 1°.5/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.26	−20 54.9	1.672	2.521	14.7	19.5
4 11	15 6.35	−20 49.6	1.584	2.509	11.1	19.3
4 21	14 57.87	−20 31.5	1.519	2.497	6.8	19.0
5 1	14 47.65	−20 1.3	1.480	2.484	2.4	18.7
5 11	14 36.88	−19 22.3	1.467	2.470	3.5	18.7
5 21	14 26.85	−18 39.6	1.481	2.456	8.1	19.0
5 31	14 18.69	−17 59.6	1.520	2.442	12.6	19.2
6 10	14 13.17	−17 28.0	1.579	2.427	16.4	19.4

84599 2002 VT_{31} 5 3.9 91°.01 2°.7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.61	− 8 20.1	2.140	3.002	11.4	19.0
4 11	15 2.84	− 8 1.9	2.079	3.014	8.3	18.9
4 21	14 55.42	− 7 43.3	2.044	3.025	5.0	18.7
5 1	14 47.03	− 7 27.4	2.036	3.036	2.7	18.5
5 11	14 38.53	− 7 17.2	2.056	3.047	4.4	18.7
5 21	14 30.73	− 7 15.1	2.103	3.058	7.6	18.9
5 31	14 24.31	− 7 23.0	2.176	3.069	10.7	19.1
6 10	14 19.76	− 7 41.3	2.271	3.080	13.3	19.3

286609 2002 DJ_{6} 5 3.9 297°.23 2°.6/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.62	−25 15.7	2.301	3.130	11.9	20.8
4 11	15 1.60	−25 15.1	2.216	3.126	9.2	20.6
4 21	14 54.82	−25 2.2	2.155	3.122	6.1	20.4
5 1	14 46.92	−24 37.4	2.121	3.118	3.2	20.2
5 11	14 38.75	−24 3.1	2.114	3.114	3.2	20.2
5 21	14 31.16	−23 22.8	2.135	3.110	6.1	20.4
5 31	14 24.91	−22 41.1	2.183	3.106	9.2	20.6
6 10	14 20.55	−22 2.8	2.254	3.103	12.1	20.8

512957 2017 RL_{17} 5 3.9 194°.88 3°.7/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.84	−27 8.5	2.198	3.014	12.9	21.7
4 11	15 5.55	−27 29.0	2.113	3.012	10.1	21.5
4 21	14 57.18	−27 36.2	2.051	3.010	7.0	21.3
5 1	14 47.47	−27 29.2	2.016	3.007	4.3	21.1
5 11	14 37.40	−27 9.2	2.009	3.004	4.1	21.1
5 21	14 27.97	−26 39.4	2.030	3.000	6.7	21.2
5 31	14 20.08	−26 4.7	2.078	2.997	9.9	21.4
6 10	14 14.35	−25 30.5	2.149	2.992	12.8	21.6

292666 2006 UY_{66} 5 3.9 59°.93 1°.4/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.49	−14 9.2	2.061	2.925	11.8	20.5
4 11	15 0.69	−13 26.7	1.996	2.933	8.5	20.3
4 21	14 54.22	−12 38.0	1.956	2.940	4.8	20.1
5 1	14 46.77	−11 46.9	1.943	2.948	1.6	19.9
5 11	14 39.19	−10 58.0	1.957	2.956	3.6	20.1
5 21	14 32.30	−10 15.6	1.999	2.964	7.2	20.3
5 31	14 26.79	− 9 43.4	2.066	2.972	10.6	20.5
6 10	14 23.14	− 9 23.7	2.155	2.980	13.4	20.7

335592 2006 DE_{133} 5 3.9 219°.92 3°.6/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.60	− 7 27.2	2.028	2.895	11.8	21.6
4 11	15 2.31	− 6 41.1	1.955	2.890	8.7	21.4
4 21	14 55.21	− 5 53.8	1.906	2.886	5.5	21.1
5 1	14 47.01	− 5 9.8	1.884	2.881	3.6	21.0
5 11	14 38.57	− 4 33.8	1.891	2.876	5.4	21.1
5 21	14 30.78	− 4 9.5	1.923	2.871	8.7	21.3
5 31	14 24.38	− 3 59.6	1.981	2.865	11.9	21.5
6 10	14 19.91	− 4 4.7	2.059	2.860	14.8	21.7

214128 2004 XU_{108} 5 3.9 169°.99 0°.0/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.82	−17 35.7	1.971	2.818	12.9	21.6
4 11	15 6.18	−17 17.0	1.897	2.823	9.5	21.4
4 21	14 57.48	−16 49.4	1.847	2.827	5.5	21.1
5 1	14 47.52	−16 15.0	1.824	2.831	1.3	20.8
5 11	14 37.34	−15 37.5	1.831	2.833	3.1	21.0
5 21	14 27.93	−15 1.3	1.865	2.835	7.2	21.2
5 31	14 20.18	−14 30.9	1.926	2.836	11.0	21.5
6 10	14 14.65	−14 9.9	2.009	2.836	14.2	21.7

57535 2001 TN_{9} 5 3.9 44°.57 1°.1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.71	−16 59.6	1.270	2.147	16.6	19.5
4 11	15 3.94	−16 6.7	1.209	2.151	12.1	19.2
4 21	14 56.46	−15 0.1	1.169	2.155	7.0	18.9
5 1	14 47.30	−13 45.5	1.153	2.159	1.7	18.6
5 11	14 37.90	−12 30.9	1.162	2.164	4.6	18.8
5 21	14 29.63	−11 25.0	1.195	2.168	9.9	19.1
5 31	14 23.58	−10 34.9	1.250	2.173	14.6	19.4
6 10	14 20.40	−10 4.3	1.324	2.178	18.6	19.7

115980 2003 WH_{58} 5 3.9 101°.16 0°.1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.37	−18 2.2	1.983	2.838	12.5	20.3
4 11	15 2.22	−17 39.6	1.910	2.840	9.2	20.1
4 21	14 55.19	−17 7.8	1.860	2.842	5.4	19.9
5 1	14 47.01	−16 29.4	1.837	2.844	1.3	19.6
5 11	14 38.61	−15 48.1	1.842	2.846	2.9	19.7
5 21	14 30.90	−15 8.5	1.875	2.847	7.0	20.0
5 31	14 24.70	−14 35.0	1.932	2.849	10.6	20.2
6 10	14 20.53	−14 11.0	2.012	2.851	13.7	20.4

477622 2010 LT_{51} 5 3.9 281°.07 0°.0/ 3.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.94	−17 37.5	2.334	3.185	11.0	22.0
4 11	15 1.08	−17 17.8	2.239	3.167	8.1	21.8
4 21	14 54.53	−16 50.1	2.169	3.150	4.8	21.6
5 1	14 46.87	−16 16.5	2.126	3.132	1.1	21.3
5 11	14 38.89	−15 40.0	2.112	3.115	2.7	21.4
5 21	14 31.37	−15 4.2	2.126	3.097	6.4	21.6
5 31	14 25.06	−14 33.2	2.166	3.079	9.8	21.8
6 10	14 20.51	−14 10.1	2.229	3.062	12.8	21.9

418102 2007 XZ_{3} 5 3.9 209°.16 0°.9/ 4.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.62	−20 30.8	2.017	2.858	12.9	22.7
4 11	15 5.41	−20 7.6	1.929	2.851	9.6	22.4
4 21	14 57.11	−19 32.7	1.866	2.843	5.8	22.2
5 1	14 47.46	−18 47.6	1.830	2.835	1.8	21.9
5 11	14 37.48	−17 56.3	1.823	2.826	2.9	22.0
5 21	14 28.17	−17 3.6	1.844	2.816	7.1	22.2
5 31	14 20.44	−16 15.1	1.891	2.805	10.9	22.4
6 10	14 14.91	−15 35.5	1.960	2.793	14.2	22.6

51869 2001 PR_4 5 3.9 130°.86 3°.5/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.74	−26 32.4	2.207	3.029	12.6	18.6
4 11	15 3.96	−26 52.6	2.128	3.031	9.8	18.4
4 21	14 56.23	−27 0.1	2.073	3.034	6.7	18.2
5 1	14 47.26	−26 54.3	2.044	3.036	4.0	18.0
5 11	14 38.01	−26 36.7	2.043	3.038	3.9	18.0
5 21	14 29.40	−26 10.3	2.069	3.041	6.5	18.2
5 31	14 22.28	−25 39.8	2.122	3.043	9.6	18.4
6 10	14 17.22	−25 10.1	2.197	3.045	12.4	18.6

145213 2005 JE_{44} 5 3.9 322°.36 1°.3/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.30	−13 8.9	1.392	2.268	15.6	19.5
4 11	15 5.16	−13 8.8	1.317	2.259	11.5	19.3
4 21	14 57.27	−13 3.5	1.264	2.250	6.7	19.0
5 1	14 47.54	−12 55.7	1.235	2.242	1.8	18.6
5 11	14 37.29	−12 49.1	1.232	2.234	4.4	18.8
5 21	14 27.88	−12 47.7	1.253	2.226	9.6	19.1
5 31	14 20.54	−12 55.3	1.297	2.219	14.3	19.3
6 10	14 16.04	−13 14.2	1.360	2.213	18.3	19.5

118992 2000 YW_6 5 3.9 11°.44 5°.9/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.87	−29 22.4	1.293	2.142	18.2	17.8
4 11	15 2.17	−29 48.5	1.232	2.146	14.5	17.5
4 21	14 55.58	−29 51.9	1.189	2.151	10.4	17.3
5 1	14 47.14	−29 31.1	1.168	2.158	6.8	17.1
5 11	14 38.35	−28 48.9	1.171	2.166	6.2	17.1
5 21	14 30.68	−27 52.0	1.197	2.175	9.2	17.3
5 31	14 25.32	−26 49.6	1.244	2.186	13.1	17.5
6 10	14 22.99	−25 50.8	1.312	2.198	16.8	17.8

499489 2010 LQ_{93} 5 3.9 265°.37 2°.4/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.86	−13 0.2	1.713	2.579	13.6	22.0
4 11	15 4.51	−12 8.4	1.619	2.556	10.0	21.7
4 21	14 56.80	−11 7.7	1.548	2.533	5.9	21.4
5 1	14 47.44	−10 2.6	1.504	2.508	2.4	21.2
5 11	14 37.54	− 8 59.3	1.487	2.483	4.9	21.3
5 21	14 28.22	− 8 4.4	1.496	2.458	9.5	21.5
5 31	14 20.55	− 7 23.5	1.530	2.432	13.8	21.6
6 10	14 15.30	− 7 0.2	1.583	2.405	17.6	21.8

273621 2007 DU_{24} 5 3.9 125°.68 0°.9/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.19	−15 23.1	2.078	2.931	12.1	22.2
4 11	15 4.03	−14 48.2	2.017	2.948	8.8	22.0
4 21	14 56.12	−14 6.4	1.981	2.963	5.0	21.8
5 1	14 47.22	−13 21.0	1.972	2.978	1.3	21.5
5 11	14 38.25	−12 36.2	1.993	2.993	3.3	21.7
5 21	14 30.07	−11 56.3	2.041	3.007	7.0	22.0
5 31	14 23.40	−11 25.0	2.116	3.020	10.4	22.2
6 10	14 18.72	−11 4.8	2.212	3.033	13.3	22.4

391723 2008 CU_{85} 5 3.9 82°.75 5°.9/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.07	+ 0 56.0	2.277	3.140	10.8	20.9
4 11	15 0.19	+ 1 58.5	2.225	3.150	8.4	20.7
4 21	14 53.86	+ 2 55.4	2.199	3.159	6.4	20.6
5 1	14 46.72	+ 3 41.6	2.199	3.169	6.0	20.6
5 11	14 39.51	+ 4 13.0	2.227	3.178	7.3	20.7
5 21	14 32.91	+ 4 27.3	2.280	3.188	9.5	20.8
5 31	14 27.54	+ 4 23.9	2.356	3.197	11.8	21.0
6 10	14 23.81	+ 4 3.6	2.453	3.207	13.9	21.2

216452 2009 HU_{12} 5 3.9 341°.19 0°.8/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.80	−16 16.6	1.172	2.059	17.0	19.8
4 11	15 2.21	−15 51.6	1.103	2.049	12.5	19.5
4 21	14 55.70	−15 14.3	1.053	2.040	7.3	19.2
5 1	14 47.22	−14 28.8	1.026	2.032	1.7	18.8
5 11	14 38.23	−13 41.8	1.022	2.025	4.6	19.0
5 21	14 30.21	−13 0.5	1.041	2.019	10.3	19.3
5 31	14 24.45	−12 31.9	1.081	2.014	15.4	19.5
6 10	14 21.76	−12 20.2	1.138	2.010	19.8	19.8

391276 2006 SJ_{146} 5 3.9 126°.99 1°.2/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.91	−13 50.7	2.537	3.391	10.1	22.2
4 11	15 0.72	−13 12.4	2.470	3.402	7.3	22.1
4 21	14 54.15	−12 29.4	2.430	3.413	4.2	21.9
5 1	14 46.79	−11 44.5	2.417	3.423	1.4	21.7
5 11	14 39.34	−11 1.3	2.434	3.432	3.1	21.8
5 21	14 32.47	−10 23.3	2.480	3.442	6.2	22.0
5 31	14 26.75	− 9 53.4	2.552	3.451	9.1	22.2
6 10	14 22.60	− 9 33.6	2.647	3.460	11.5	22.4

419846 2011 AH_4 5 3.9 72°.48 15°.2/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 13.45	+25 49.4	1.789	2.571	16.7	19.9
4 11	15 6.68	+26 59.2	1.754	2.572	15.7	19.8
4 21	14 57.74	+27 40.6	1.738	2.572	15.2	19.8
5 1	14 47.60	+27 46.0	1.742	2.573	15.5	19.8
5 11	14 37.44	+27 12.5	1.766	2.574	16.4	19.9
5 21	14 28.34	+26 1.6	1.809	2.574	17.6	20.0
5 31	14 21.17	+24 18.1	1.869	2.575	19.1	20.1
6 10	14 16.42	+22 9.5	1.943	2.576	20.4	20.2

109669 2001 RH_{22} 5 3.9 173°.70 0°.6/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.41	−19 16.3	2.059	2.904	12.5	20.6
4 11	15 4.41	−18 59.5	1.982	2.907	9.2	20.4
4 21	14 56.47	−18 33.0	1.930	2.909	5.5	20.2
5 1	14 47.34	−17 58.5	1.905	2.910	1.5	19.9
5 11	14 37.98	−17 19.5	1.908	2.912	2.8	20.0
5 21	14 29.33	−16 40.3	1.940	2.912	6.8	20.3
5 31	14 22.21	−16 5.4	1.997	2.912	10.4	20.5
6 10	14 17.18	−15 38.8	2.078	2.912	13.5	20.7

136303 2004 BC_{23} 5 3.9 183°.41 0°.4/ 3.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.82	−16 44.6	2.048	2.899	12.4	21.4
4 11	15 4.69	−16 15.7	1.971	2.899	9.0	21.2
4 21	14 56.63	−15 38.5	1.918	2.900	5.2	21.0
5 1	14 47.39	−14 55.4	1.893	2.899	1.2	20.7
5 11	14 37.90	−14 10.6	1.896	2.898	3.1	20.8
5 21	14 29.13	−13 28.6	1.928	2.896	7.2	21.1
5 31	14 21.87	−12 53.8	1.985	2.893	10.8	21.3
6 10	14 16.70	−12 29.4	2.065	2.890	13.9	21.5

302340 2002 AG_{135} 5 3.9 167°.88 4°.4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.86	− 2 15.1	2.526	3.386	10.0	20.9
4 11	15 0.70	− 1 30.8	2.461	3.389	7.5	20.7
4 21	14 54.16	− 0 49.5	2.421	3.390	5.3	20.6
5 1	14 46.81	− 0 15.0	2.409	3.392	4.5	20.6
5 11	14 39.33	+ 0 9.1	2.426	3.394	5.8	20.6
5 21	14 32.39	+ 0 20.6	2.469	3.395	8.1	20.8
5 31	14 26.56	+ 0 18.2	2.538	3.396	10.6	20.9
6 10	14 22.26	+ 0 2.1	2.628	3.397	12.7	21.1

105848 2000 SK_{165} 5 3.9 252°.54 1°.4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.72	−23 22.6	2.413	3.247	11.3	19.8
4 11	15 0.87	−22 47.0	2.321	3.237	8.5	19.6
4 21	14 54.38	−21 58.8	2.253	3.227	5.3	19.3
5 1	14 46.88	−20 59.8	2.213	3.216	2.1	19.1
5 11	14 39.15	−19 53.8	2.202	3.206	2.5	19.1
5 21	14 31.95	−18 45.3	2.220	3.195	5.9	19.3
5 31	14 26.00	−17 39.7	2.265	3.184	9.2	19.5
6 10	14 21.80	−16 41.6	2.333	3.173	12.0	19.7

391665 2007 YA_{26} 5 3.9 119°.06 4°.3/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.51	−31 32.9	2.561	3.354	11.9	21.9
4 11	15 3.55	−31 43.9	2.488	3.367	9.5	21.7
4 21	14 55.89	−31 40.2	2.438	3.380	7.0	21.6
5 1	14 47.21	−31 21.3	2.415	3.393	4.9	21.5
5 11	14 38.38	−30 48.8	2.419	3.405	4.4	21.5
5 21	14 30.22	−30 6.1	2.452	3.417	6.1	21.6
5 31	14 23.43	−29 17.8	2.512	3.428	8.5	21.8
6 10	14 18.52	−28 29.2	2.596	3.440	10.8	21.9

153525 2001 SL_{43} 5 3.9 188°.90 0°.0/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.95	−17 23.9	2.234	3.081	11.6	21.8
4 11	15 3.95	−16 59.9	2.154	3.080	8.5	21.6
4 21	14 56.17	−16 27.8	2.098	3.079	5.0	21.4
5 1	14 47.29	−15 49.7	2.070	3.077	1.1	21.1
5 11	14 38.18	−15 9.2	2.071	3.074	2.8	21.2
5 21	14 29.70	−14 30.3	2.101	3.070	6.6	21.4
5 31	14 22.60	−13 57.0	2.158	3.066	10.0	21.7
6 10	14 17.42	−13 32.6	2.237	3.062	13.0	21.8

507129 2009 UT_{72} 5 3.9 175°.14 2°.0/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.15	−10 11.7	2.082	2.938	12.0	21.2
4 11	15 5.60	−10 6.7	2.009	2.940	8.7	21.0
4 21	14 57.15	−10 0.0	1.960	2.941	5.1	20.7
5 1	14 47.52	− 9 54.1	1.939	2.943	2.1	20.5
5 11	14 37.64	− 9 51.6	1.947	2.943	4.0	20.7
5 21	14 28.45	− 9 54.9	1.983	2.944	7.6	20.9
5 31	14 20.74	−10 6.0	2.045	2.943	11.0	21.1
6 10	14 15.07	−10 26.2	2.130	2.943	14.0	21.3

323057 2002 RB_{254} 5 3.9 335°.28 7°.0/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.83	− 4 14.9	1.425	2.311	14.7	20.2
4 11	15 1.58	− 2 27.1	1.365	2.307	11.1	20.0
4 21	14 55.02	− 0 38.7	1.329	2.304	7.9	19.8
5 1	14 47.05	+ 1 0.1	1.317	2.301	7.1	19.7
5 11	14 38.83	+ 2 19.6	1.330	2.298	9.4	19.8
5 21	14 31.49	+ 3 13.3	1.366	2.296	13.0	20.0
5 31	14 26.00	+ 3 38.1	1.423	2.293	16.5	20.3
6 10	14 22.96	+ 3 35.2	1.497	2.292	19.6	20.5

332576 2008 SD_{67} 5 3.9 276°.68 7°.0/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.04	−35 35.8	2.030	2.814	14.9	20.6
4 11	15 6.33	−36 7.6	1.923	2.789	12.5	20.4
4 21	14 58.00	−36 19.9	1.836	2.763	9.9	20.2
5 1	14 47.79	−36 9.2	1.774	2.737	7.7	20.0
5 11	14 36.85	−35 34.7	1.737	2.711	7.1	19.9
5 21	14 26.44	−34 39.5	1.727	2.684	8.7	19.9
5 31	14 17.79	−33 30.0	1.741	2.657	11.6	20.0
6 10	14 11.76	−32 14.9	1.778	2.630	14.7	20.2

121241 1999 RW_{46} 5 3.9 300°.65 1°.9/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.57	−21 59.6	1.723	2.572	14.4	19.4
4 11	15 4.66	−21 55.0	1.610	2.534	11.0	19.1
4 21	14 57.13	−21 36.5	1.518	2.495	7.0	18.8
5 1	14 47.62	−21 4.0	1.452	2.456	2.8	18.5
5 11	14 37.23	−20 20.1	1.413	2.416	3.6	18.4
5 21	14 27.21	−19 29.7	1.399	2.376	8.3	18.6
5 31	14 18.82	−18 39.5	1.410	2.336	13.1	18.8
6 10	14 13.01	−17 56.5	1.442	2.296	17.3	18.9

133474 2003 SW_{250} 5 3.9 158°.17 0°.3/ 4.1 18

4 1	15 8.93	−17 57.0	2.150	2.998	11.9	20.6
4 11	15 3.26	−17 45.8	2.075	3.002	8.8	20.4
4 21	14 55.79	−17 26.6	2.024	3.005	5.1	20.1
5 1	14 47.22	−17 1.3	2.002	3.008	1.3	19.9
5 11	14 38.43	−16 32.8	2.007	3.010	2.7	20.0
5 21	14 30.30	−16 4.7	2.041	3.013	6.5	20.2
5 31	14 23.59	−15 40.9	2.100	3.015	10.0	20.5
6 10	14 18.83	−15 24.6	2.182	3.016	13.0	20.7

496830 1995 UM_{81} 5 3.9 110°.19 6°.3/ 9.2 17

4 1	15 15.91	−37 29.9	2.719	3.467	12.4	21.9
4 11	15 8.33	−38 25.6	2.649	3.486	10.4	21.8
4 21	14 58.75	−39 5.0	2.602	3.505	8.4	21.7
5 1	14 47.90	−39 25.5	2.581	3.523	6.8	21.6
5 11	14 36.75	−39 26.7	2.588	3.540	6.4	21.6
5 21	14 26.27	−39 10.9	2.623	3.558	7.3	21.7
5 31	14 17.33	−38 42.2	2.684	3.575	9.0	21.8
6 10	14 10.51	−38 6.6	2.769	3.591	10.8	22.0

94758 2001 XW_{97} 5 3.9 190°.47 1°.1/ 4.6 18

4 1	15 13.24	−20 11.4	1.794	2.639	14.1	20.1
4 11	15 6.80	−20 0.8	1.715	2.638	10.5	19.8
4 21	14 58.03	−19 38.6	1.659	2.637	6.4	19.6
5 1	14 47.77	−19 6.0	1.630	2.635	2.0	19.3
5 11	14 37.15	−18 26.5	1.628	2.632	3.2	19.4
5 21	14 27.34	−17 45.3	1.654	2.628	7.6	19.6
5 31	14 19.34	−17 7.7	1.706	2.624	11.7	19.9
6 10	14 13.80	−16 38.7	1.779	2.618	15.2	20.1

435297 2007 TZ_{430} 5 3.9 269°.86 0°.0/ 3.7 17

4 1	15 8.53	−16 26.4	2.076	2.930	12.1	21.4
4 11	15 3.14	−16 21.6	1.991	2.921	8.9	21.2
4 21	14 55.82	−16 10.0	1.931	2.912	5.2	21.0
5 1	14 47.26	−15 53.4	1.897	2.903	1.2	20.7
5 11	14 38.36	−15 34.4	1.892	2.895	2.9	20.8
5 21	14 30.03	−15 16.5	1.914	2.885	6.9	21.0
5 31	14 23.12	−15 3.1	1.962	2.876	10.6	21.2
6 10	14 18.21	−14 57.2	2.032	2.867	13.7	21.4

509783 2008 UX_{182} 5 3.9 285°.43 0°.7/ 3.5 17

4 1	15 8.86	−15 29.4	1.836	2.697	13.1	21.4
4 11	15 3.72	−15 12.4	1.740	2.674	9.7	21.2
4 21	14 56.34	−14 47.7	1.668	2.651	5.6	20.9
5 1	14 47.42	−14 17.5	1.622	2.628	1.3	20.5
5 11	14 37.96	−13 45.6	1.603	2.605	3.6	20.6
5 21	14 29.03	−13 16.4	1.612	2.582	8.1	20.9
5 31	14 21.64	−12 54.7	1.644	2.559	12.2	21.1
6 10	14 16.52	−12 43.8	1.698	2.536	15.9	21.2

59030 1998 SB_{122} 5 3.9 223°.25 1°.4/ 4.8 18

4 1	15 10.26	−21 8.2	1.768	2.617	14.1	19.7
4 11	15 4.69	−20 55.7	1.688	2.612	10.6	19.5
4 21	14 56.84	−20 30.6	1.630	2.608	6.5	19.2
5 1	14 47.51	−19 54.1	1.598	2.603	2.3	19.0
5 11	14 37.81	−19 9.9	1.594	2.597	3.2	19.0
5 21	14 28.88	−18 23.4	1.616	2.592	7.5	19.3
5 31	14 21.70	−17 40.4	1.664	2.586	11.6	19.5
6 10	14 16.93	−17 5.9	1.732	2.580	15.2	19.7

387115 2012 TF_{166} 5 3.9 235°.63 0°.9/ 3.3 17

4 1	15 9.50	−13 44.7	2.318	3.170	11.1	21.5
4 11	15 3.66	−13 35.8	2.229	3.159	8.1	21.3
4 21	14 56.06	−13 22.5	2.165	3.147	4.7	21.1
5 1	14 47.32	−13 6.7	2.129	3.135	1.2	20.8
5 11	14 38.25	−12 51.0	2.123	3.123	3.1	20.9
5 21	14 29.69	−12 38.3	2.144	3.110	6.7	21.1
5 31	14 22.39	−12 31.5	2.193	3.097	10.1	21.3
6 10	14 16.92	−12 32.7	2.264	3.084	13.0	21.5

427739 2004 RA_{71} 5 3.9 265°.96 4°.9/ 7.2 18

4 1	15 10.33	−29 46.8	1.880	2.698	14.7	21.3
4 11	15 4.90	−30 1.9	1.790	2.686	11.7	21.1
4 21	14 57.06	−29 59.5	1.721	2.675	8.5	20.9
5 1	14 47.59	−29 37.9	1.677	2.664	5.6	20.7
5 11	14 37.62	−28 58.7	1.660	2.652	5.2	20.6
5 21	14 28.34	−28 6.0	1.669	2.640	7.7	20.8
5 31	14 20.83	−27 6.8	1.703	2.628	11.2	20.9
6 10	14 15.81	−26 8.4	1.759	2.617	14.5	21.1

245026 2004 EG_{12} 5 3.9 71°.94 4°.8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.67	− 4 38.6	1.989	2.858	11.9	20.4
4 11	15 1.45	− 3 31.4	1.945	2.880	8.8	20.2
4 21	14 54.64	− 2 26.4	1.927	2.902	5.9	20.1
5 1	14 46.96	− 1 29.0	1.936	2.923	4.8	20.1
5 11	14 39.30	− 0 44.3	1.972	2.945	6.4	20.2
5 21	14 32.42	− 0 15.5	2.034	2.967	9.2	20.4
5 31	14 26.98	− 0 4.0	2.120	2.988	11.9	20.6
6 10	14 23.39	− 0 9.5	2.226	3.010	14.3	20.8

127807 2003 FK_{82} 5 3.9 322°.56 2°.4/ 2.7 17

4 1	15 9.10	−10 35.8	1.499	2.375	14.6	19.5
4 11	15 4.15	−10 27.5	1.421	2.363	10.8	19.2
4 21	14 56.68	−10 16.5	1.365	2.350	6.4	18.9
5 1	14 47.51	−10 6.3	1.334	2.339	2.6	18.7
5 11	14 37.84	−10 0.8	1.329	2.327	4.9	18.8
5 21	14 28.91	−10 3.8	1.349	2.317	9.6	19.0
5 31	14 21.85	−10 18.1	1.391	2.307	14.0	19.2
6 10	14 17.40	−10 45.1	1.453	2.297	17.8	19.4

297145 2010 TN_{177} 5 3.9 156°.06 0°.4/ 3.6 17

4 1	15 11.43	−16 22.4	1.991	2.842	12.6	21.6
4 11	15 5.15	−16 0.9	1.920	2.849	9.2	21.4
4 21	14 56.92	−15 31.6	1.874	2.856	5.3	21.2
5 1	14 47.52	−14 57.0	1.856	2.862	1.2	20.9
5 11	14 37.93	−14 21.1	1.866	2.868	3.1	21.1
5 21	14 29.10	−13 47.9	1.904	2.873	7.2	21.3
5 31	14 21.87	−13 21.4	1.968	2.877	10.8	21.5
6 10	14 16.76	−13 4.8	2.054	2.881	13.9	21.8

57266 2001 QM_{121} 5 3.9 136°.43 3°.6/ 5.9 18

4 1	15 15.10	−25 11.0	1.564	2.401	16.2	20.0
4 11	15 8.46	−25 24.5	1.496	2.410	12.4	19.8
4 21	14 59.10	−25 21.6	1.451	2.419	8.2	19.6
5 1	14 48.04	−25 1.4	1.430	2.427	4.3	19.4
5 11	14 36.67	−24 26.9	1.435	2.435	4.4	19.4
5 21	14 26.37	−23 43.4	1.467	2.443	8.2	19.6
5 31	14 18.27	−22 58.2	1.524	2.449	12.3	19.9
6 10	14 13.06	−22 18.3	1.601	2.456	15.9	20.1

308944 2006 SO_{413} 5 3.9 240°.31 4°.5/29.9 18

4 1	15 6.29	− 2 50.1	2.400	3.262	10.4	21.0
4 11	15 1.18	− 2 4.4	2.324	3.253	7.8	20.8
4 21	14 54.55	− 1 20.9	2.273	3.244	5.5	20.7
5 1	14 46.98	− 0 43.7	2.250	3.234	4.5	20.6
5 11	14 39.21	− 0 16.9	2.254	3.225	6.0	20.7
5 21	14 31.93	− 0 3.2	2.286	3.215	8.5	20.8
5 31	14 25.80	− 0 4.2	2.342	3.204	11.2	21.0
6 10	14 21.30	− 0 19.8	2.420	3.194	13.6	21.1

39567 1992 ST_{2} 5 3.9 193°.29 6°.2/27.9 18

4 1	15 8.52	− 4 53.5	1.808	2.678	12.8	18.7
4 11	15 3.12	− 2 42.1	1.743	2.677	9.6	18.5
4 21	14 55.78	− 0 28.2	1.704	2.675	6.9	18.3
5 1	14 47.26	+ 1 38.6	1.693	2.672	6.3	18.3
5 11	14 38.57	+ 3 28.7	1.710	2.669	8.5	18.4
5 21	14 30.63	+ 4 55.4	1.753	2.666	11.6	18.6
5 31	14 24.28	+ 5 54.9	1.820	2.662	14.7	18.8
6 10	14 20.03	+ 6 27.4	1.905	2.657	17.4	18.9

286382 2001 XS_{260} 5 3.9 189°.75 0°.4/ 4.4 18

4 1	15 6.33	−19 33.1	2.904	3.741	9.5	22.5
4 11	15 1.02	−19 7.2	2.819	3.739	7.0	22.3
4 21	14 54.38	−18 33.6	2.760	3.737	4.2	22.1
5 1	14 46.94	−17 54.0	2.730	3.735	1.2	21.9
5 11	14 39.35	−17 11.1	2.729	3.732	2.1	22.0
5 21	14 32.22	−16 28.2	2.758	3.729	5.1	22.2
5 31	14 26.11	−15 48.6	2.815	3.725	7.9	22.4
6 10	14 21.46	−15 15.3	2.897	3.721	10.4	22.5

488427 2016 XW_{14} 5 3.9 173°.14 1°.4/ 1.9 18

4 1	15 1.13	−10 43.2	4.228	5.080	6.5	22.6
4 11	14 56.89	−10 7.4	4.152	5.082	4.7	22.4
4 21	14 51.86	− 9 29.7	4.103	5.084	2.7	22.3
5 1	14 46.36	− 8 52.3	4.085	5.086	1.4	22.2
5 11	14 40.80	− 8 17.1	4.096	5.088	2.4	22.3
5 21	14 35.52	− 7 46.1	4.138	5.089	4.3	22.4
5 31	14 30.88	− 7 20.9	4.207	5.090	6.2	22.5
6 10	14 27.14	− 7 2.6	4.301	5.091	7.8	22.7

282192 2001 TB_{229} 5 3.9 207°.22 2°.9/ 8.7 18 R

4 1	15 0.88	−33 39.1	4.872	5.639	7.0	20.7
4 11	14 56.77	−33 39.6	4.778	5.637	5.7	20.6
4 21	14 51.81	−33 31.4	4.709	5.634	4.4	20.5
5 1	14 46.36	−33 14.6	4.667	5.632	3.2	20.4
5 11	14 40.79	−32 50.1	4.654	5.629	2.9	20.4
5 21	14 35.50	−32 19.4	4.670	5.627	3.7	20.4
5 31	14 30.85	−31 44.4	4.714	5.624	5.0	20.5
6 10	14 27.11	−31 7.7	4.783	5.621	6.3	20.6

356783 2011 UT_{303} 5 3.9 319.°82 4.°5/ 1.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 6.52	−10 32.4	1.166	2.059	16.7	20.5
4 11	15 2.71	− 9 20.4	1.097	2.047	12.3	20.2
4 21	14 56.02	− 7 59.9	1.049	2.036	7.5	19.9
5 1	14 47.40	− 6 39.2	1.024	2.025	4.5	19.7
5 11	14 38.29	− 5 28.4	1.022	2.015	7.4	19.8
5 21	14 30.14	− 4 36.3	1.043	2.005	12.4	20.0
5 31	14 24.21	− 4 8.7	1.084	1.996	17.3	20.3
6 10	14 21.28	− 4 7.2	1.141	1.988	21.4	20.5

67893 2000 WY_{61} 5 3.9 124.°45 0.°4/ 4.2 18

4 1	15 12.51	−18 44.3	1.757	2.607	14.1	19.2
4 11	15 6.11	−18 24.1	1.694	2.622	10.3	19.0
4 21	14 57.54	−17 53.3	1.655	2.635	6.1	18.8
5 1	14 47.70	−17 14.3	1.643	2.649	1.5	18.5
5 11	14 37.72	−16 31.6	1.658	2.661	3.2	18.6
5 21	14 28.69	−15 50.2	1.701	2.673	7.5	18.9
5 31	14 21.50	−15 15.1	1.768	2.685	11.4	19.2
6 10	14 16.70	−14 50.2	1.858	2.696	14.7	19.4

69713 1998 HB_{98} 5 3.9 12.°69 3.°2/ 5.8 18

4 1	15 8.59	−24 34.9	1.288	2.148	17.6	18.3
4 11	15 4.13	−24 32.4	1.222	2.150	13.5	18.1
4 21	14 56.78	−24 10.3	1.176	2.151	8.7	17.8
5 1	14 47.57	−23 29.6	1.153	2.154	4.2	17.6
5 11	14 37.99	−22 34.6	1.154	2.157	4.3	17.6
5 21	14 29.50	−21 33.1	1.180	2.161	8.9	17.8
5 31	14 23.33	−20 33.9	1.227	2.165	13.6	18.1
6 10	14 20.19	−19 44.6	1.294	2.170	17.6	18.4

143438 2003 BB_{67} 5 3.9 81.°69 4.°3/30.5 18

4 1	15 6.19	− 4 45.9	2.148	3.015	11.2	19.9
4 11	15 1.20	− 4 0.6	2.083	3.017	8.3	19.7
4 21	14 54.59	− 3 16.5	2.043	3.019	5.6	19.5
5 1	14 47.03	− 2 38.3	2.031	3.021	4.3	19.4
5 11	14 39.31	− 2 10.2	2.045	3.023	5.8	19.5
5 21	14 32.21	− 1 55.1	2.087	3.025	8.6	19.7
5 31	14 26.41	− 1 54.6	2.152	3.028	11.5	19.9
6 10	14 22.38	− 2 8.8	2.239	3.030	14.0	20.1

436723 2011 UB_{155} 5 3.9 255.°96 3.°7/30.4 16

4 1	15 5.47	− 6 37.6	2.373	3.237	10.4	21.6
4 11	15 0.66	− 5 39.6	2.289	3.223	7.7	21.4
4 21	14 54.31	− 4 40.1	2.231	3.209	5.0	21.2
5 1	14 46.98	− 3 43.7	2.201	3.194	3.7	21.1
5 11	14 39.40	− 2 54.9	2.199	3.179	5.3	21.2
5 21	14 32.30	− 2 17.5	2.224	3.163	8.2	21.3
5 31	14 26.34	− 1 54.4	2.275	3.148	11.1	21.5
6 10	14 22.01	− 1 46.5	2.347	3.132	13.6	21.6

188081 2001 XY_{87} 5 3.9 244.°73 5.°5/29.4 18

4 1	15 10.04	− 0 41.5	2.279	3.134	11.1	20.3
4 11	15 4.08	+ 0 9.1	2.191	3.114	8.6	20.1
4 21	14 56.35	+ 0 56.7	2.129	3.094	6.3	19.9
5 1	14 47.46	+ 1 36.1	2.094	3.072	5.5	19.8
5 11	14 38.23	+ 2 2.8	2.088	3.050	7.0	19.8
5 21	14 29.47	+ 2 13.8	2.109	3.027	9.7	20.0
5 31	14 21.95	+ 2 7.5	2.154	3.003	12.5	20.1
6 10	14 16.25	+ 1 44.2	2.219	2.978	15.1	20.2

371064 2005 UH_{259} 5 3.9 169.°47 1.°1/ 3.2 17

4 1	15 9.85	−14 20.2	1.915	2.774	12.7	21.6
4 11	15 4.12	−13 57.4	1.842	2.776	9.3	21.4
4 21	14 56.40	−13 28.5	1.794	2.777	5.3	21.1
5 1	14 47.47	−12 56.2	1.773	2.779	1.4	20.9
5 11	14 38.30	−12 24.5	1.779	2.780	3.6	21.0
5 21	14 29.85	−11 57.5	1.813	2.781	7.6	21.3
5 31	14 22.98	−11 38.9	1.873	2.781	11.3	21.5
6 10	14 18.24	−11 31.3	1.953	2.782	14.5	21.7

153555 2001 SE_{136} 5 3.9 193.°46 3.°4/ 6.2 17

4 1	15 12.44	−26 6.8	2.094	2.915	13.2	21.5
4 11	15 6.11	−26 20.9	2.010	2.913	10.3	21.3
4 21	14 57.64	−26 21.6	1.949	2.911	7.0	21.1
5 1	14 47.78	−26 8.1	1.914	2.909	4.0	20.9
5 11	14 37.55	−25 42.2	1.908	2.906	3.9	20.9
5 21	14 28.00	−25 7.5	1.930	2.902	6.8	21.1
5 31	14 20.06	−24 29.1	1.978	2.898	10.2	21.2
6 10	14 14.37	−23 52.8	2.049	2.893	13.3	21.4

203159 2000 WQ_{144} 5 3.9 173.°47 0.°8/ 2.8 18

4 1	15 1.77	−13 10.0	4.115	4.962	6.7	21.7
4 11	14 57.40	−12 45.1	4.036	4.965	4.8	21.5
4 21	14 52.19	−12 17.5	3.985	4.967	2.8	21.4
5 1	14 46.49	−11 48.9	3.963	4.968	0.9	21.2
5 11	14 40.71	−11 21.3	3.972	4.970	2.0	21.3
5 21	14 35.23	−10 56.4	4.011	4.971	4.1	21.5
5 31	14 30.40	−10 35.9	4.077	4.972	6.1	21.6
6 10	14 26.52	−10 21.2	4.169	4.972	7.8	21.7

66991 1999 XE_{105} 5 3.9 194.°01 3.°7/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.12	− 6 16.5	2.446	3.306	10.3	19.8
4 11	15 1.74	− 5 19.5	2.372	3.304	7.6	19.6
4 21	14 54.88	− 4 21.9	2.325	3.301	4.9	19.4
5 1	14 47.12	− 3 27.9	2.306	3.298	3.7	19.4
5 11	14 39.20	− 2 42.0	2.316	3.294	5.2	19.4
5 21	14 31.81	− 2 7.5	2.353	3.290	7.9	19.6
5 31	14 25.59	− 1 46.8	2.416	3.285	10.7	19.8
6 10	14 20.99	− 1 40.6	2.501	3.279	13.1	19.9

392633 2011 UE_{79} 5 3.9 342.°30 1.°2/ 4.9 17

4 1	15 5.33	−22 2.8	2.245	3.088	11.7	20.7
4 11	15 0.67	−21 32.0	2.166	3.087	8.7	20.5
4 21	14 54.35	−20 49.5	2.110	3.086	5.4	20.3
5 1	14 47.01	−19 57.5	2.081	3.085	1.9	20.1
5 11	14 39.48	−18 59.7	2.081	3.084	2.6	20.1
5 21	14 32.55	−18 0.9	2.108	3.084	6.1	20.3
5 31	14 26.94	−17 5.9	2.162	3.083	9.4	20.5
6 10	14 23.14	−16 19.0	2.239	3.082	12.4	20.7

311187 2004 XZ_{12} 5 3.9 187.°36 0.°4/ 3.7 18

4 1	15 12.94	−16 15.8	1.818	2.671	13.6	21.4
4 11	15 6.54	−15 58.8	1.741	2.671	10.0	21.2
4 21	14 57.90	−15 33.6	1.688	2.670	5.8	20.9
5 1	14 47.85	−15 2.4	1.662	2.668	1.3	20.6
5 11	14 37.48	−14 29.2	1.664	2.666	3.4	20.8
5 21	14 27.89	−13 58.4	1.694	2.663	7.8	21.0
5 31	14 20.04	−13 34.5	1.749	2.660	11.8	21.3
6 10	14 14.55	−13 21.0	1.825	2.656	15.2	21.5

350926 2002 TF_{103} 5 3.9 180.°65 1.°8/ 5.0 18

4 1	15 13.99	−22 8.6	1.637	2.481	15.2	21.6
4 11	15 7.57	−21 54.6	1.561	2.483	11.5	21.3
4 21	14 58.61	−21 25.9	1.508	2.484	7.1	21.1
5 1	14 48.02	−20 43.7	1.481	2.484	2.7	20.8
5 11	14 37.09	−19 52.0	1.480	2.484	3.5	20.9
5 21	14 27.09	−18 57.0	1.507	2.482	8.0	21.1
5 31	14 19.10	−18 5.6	1.558	2.480	12.3	21.4
6 10	14 13.80	−17 23.8	1.631	2.478	16.0	21.6

44015 1997 WD_{10} 5 3.9 95.°14 1.°5/ 2.7 18

4 1	15 7.16	−12 58.9	2.094	2.956	11.7	19.2
4 11	15 1.98	−12 29.7	2.027	2.961	8.4	19.0
4 21	14 55.10	−11 55.8	1.983	2.967	4.9	18.8
5 1	14 47.19	−11 20.3	1.967	2.972	1.7	18.5
5 11	14 39.11	−10 47.3	1.979	2.977	3.6	18.7
5 21	14 31.70	−10 20.2	2.018	2.983	7.2	18.9
5 31	14 25.67	−10 2.2	2.083	2.988	10.5	19.1
6 10	14 21.52	− 9 55.3	2.170	2.993	13.4	19.3

350489 1999 UR_{11} 5 3.9 232.°16 0.°3/ 3.7 17

4 1	15 9.80	−15 59.1	2.281	3.129	11.3	21.7
4 11	15 3.97	−15 48.6	2.191	3.118	8.3	21.4
4 21	14 56.33	−15 31.9	2.125	3.106	4.9	21.2
5 1	14 47.50	−15 10.5	2.088	3.094	1.1	20.9
5 11	14 38.34	−14 47.3	2.079	3.081	2.8	21.0
5 21	14 29.69	−14 25.5	2.099	3.068	6.6	21.2
5 31	14 22.34	−14 8.5	2.146	3.055	10.1	21.4
6 10	14 16.87	−13 59.1	2.215	3.040	13.1	21.6

335614 2006 FG_{15} 5 3.9 306.°41 0.°2/ 3.8 17

4 1	15 7.67	−17 11.6	1.792	2.653	13.4	21.0
4 11	15 2.75	−16 48.1	1.714	2.648	9.8	20.7
4 21	14 55.73	−16 15.2	1.660	2.643	5.7	20.5
5 1	14 47.37	−15 35.6	1.631	2.638	1.3	20.1
5 11	14 38.69	−14 53.6	1.630	2.633	3.3	20.3
5 21	14 30.73	−14 14.1	1.655	2.629	7.7	20.5
5 31	14 24.37	−13 42.1	1.705	2.624	11.6	20.8
6 10	14 20.25	−13 21.0	1.776	2.620	15.1	21.0

237484 2000 HJ_{47} 5 3.9 341.°49 0.°4/ 3.7 17

4 1	15 5.83	−17 27.1	1.070	1.959	18.1	19.3
4 11	15 2.52	−16 57.7	1.002	1.950	13.4	19.0
4 21	14 56.07	−16 13.3	0.954	1.941	7.8	18.7
5 1	14 47.50	−15 17.8	0.927	1.934	1.8	18.3
5 11	14 38.37	−14 19.0	0.923	1.928	4.6	18.5
5 21	14 30.31	−13 25.7	0.942	1.922	10.7	18.8
5 31	14 24.68	−12 46.0	0.980	1.918	16.1	19.0
6 10	14 22.33	−12 25.3	1.035	1.915	20.8	19.3

500955 2013 QQ_{32} 5 3.9 263.°01 8.°7/ 8.7 17

4 1	15 15.77	−36 49.0	1.818	2.597	16.5	21.2
4 11	15 9.49	−37 53.8	1.723	2.582	14.1	20.9
4 21	15 0.12	−38 38.8	1.648	2.566	11.4	20.7
5 1	14 48.47	−38 58.3	1.597	2.550	9.3	20.6
5 11	14 35.90	−38 49.8	1.570	2.533	8.7	20.5
5 21	14 23.98	−38 15.6	1.568	2.516	10.2	20.5
5 31	14 14.16	−37 22.3	1.591	2.499	12.9	20.7
6 10	14 7.43	−36 19.7	1.634	2.482	15.9	20.8

258015 2001 FG_{115} 5 3.9 9°.28 0°.9/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 8.34	−18 18.4	1.181	2.061	17.5	19.9
4 11	15 4.05	−18 23.4	1.121	2.062	13.0	19.6
4 21	14 56.80	−18 16.3	1.080	2.064	7.7	19.3
5 1	14 47.64	−17 58.8	1.061	2.067	2.2	19.0
5 11	14 38.08	−17 35.4	1.067	2.071	4.0	19.1
5 21	14 29.63	−17 11.8	1.095	2.077	9.4	19.4
5 31	14 23.55	−16 54.2	1.146	2.083	14.4	19.7
6 10	14 20.56	−16 47.2	1.214	2.090	18.6	20.0

235225 2003 SZ_{244} 5 3.9 225°.21 1°.0/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.03	−19 57.2	2.139	2.984	12.1	21.4
4 11	15 3.50	−19 47.9	2.055	2.978	9.0	21.1
4 21	14 56.08	−19 28.9	1.994	2.972	5.5	20.9
5 1	14 47.45	−19 1.6	1.960	2.965	1.8	20.6
5 11	14 38.51	−18 28.9	1.955	2.958	2.7	20.7
5 21	14 30.16	−17 54.7	1.978	2.951	6.5	20.9
5 31	14 23.23	−17 23.2	2.026	2.944	10.1	21.1
6 10	14 18.30	−16 58.4	2.098	2.937	13.2	21.3

384228 2009 DN_{35} 5 3.9 68°.05 1°.5/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.75	−13 41.6	2.015	2.876	12.1	21.3
4 11	15 2.29	−13 1.3	1.967	2.902	8.7	21.2
4 21	14 55.19	−12 16.0	1.943	2.927	4.9	21.0
5 1	14 47.20	−11 29.3	1.947	2.953	1.7	20.8
5 11	14 39.22	−10 45.8	1.979	2.978	3.6	21.0
5 21	14 32.06	−10 9.4	2.039	3.003	7.1	21.3
5 31	14 26.38	− 9 43.3	2.124	3.028	10.4	21.5
6 10	14 22.60	− 9 29.2	2.231	3.053	13.1	21.7

342772 2008 WK_{101} 5 3.9 219°.45 2°.9/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.21	− 7 42.6	2.359	3.217	10.7	21.7
4 11	15 3.39	− 7 17.3	2.277	3.209	7.9	21.5
4 21	14 55.92	− 6 51.4	2.221	3.200	4.9	21.3
5 1	14 47.41	− 6 28.0	2.193	3.191	2.9	21.1
5 11	14 38.64	− 6 10.5	2.193	3.182	4.5	21.2
5 21	14 30.39	− 6 1.4	2.222	3.172	7.5	21.4
5 31	14 23.37	− 6 2.8	2.277	3.162	10.6	21.6
6 10	14 18.09	− 6 15.7	2.354	3.151	13.3	21.7

351597 2005 UW_{524} 5 3.9 221°.52 6°.0/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.46	−37 41.3	2.717	3.474	12.2	21.2
4 11	15 3.76	−38 3.2	2.624	3.469	10.3	21.1
4 21	14 56.22	−38 8.5	2.553	3.463	8.2	20.9
5 1	14 47.49	−37 55.2	2.508	3.457	6.6	20.8
5 11	14 38.44	−37 23.9	2.489	3.451	6.0	20.7
5 21	14 29.95	−36 37.3	2.497	3.445	6.9	20.8
5 31	14 22.82	−35 40.1	2.532	3.438	8.8	20.9
6 10	14 17.62	−34 38.2	2.590	3.431	10.9	21.0

152418 2005 UX_{381} 5 3.9 191°.54 5°.2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.49	+ 2 0.3	2.812	3.665	9.3	20.3
4 11	15 0.39	+ 2 48.3	2.746	3.664	7.3	20.1
4 21	14 54.05	+ 3 31.2	2.706	3.662	5.7	20.0
5 1	14 46.97	+ 4 5.2	2.694	3.660	5.3	20.0
5 11	14 39.76	+ 4 27.0	2.710	3.658	6.4	20.1
5 21	14 33.01	+ 4 34.7	2.753	3.655	8.3	20.2
5 31	14 27.26	+ 4 27.7	2.820	3.652	10.4	20.3
6 10	14 22.88	+ 4 6.5	2.908	3.649	12.2	20.5

505990 2015 GO_{35} 5 3.9 300°.06 1°.5/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.41	−13 12.0	1.976	2.840	12.2	21.7
4 11	15 2.34	−12 45.7	1.902	2.838	8.9	21.5
4 21	14 55.40	−12 14.1	1.852	2.836	5.1	21.2
5 1	14 47.30	−11 40.4	1.828	2.834	1.7	21.0
5 11	14 38.96	−11 8.6	1.832	2.831	3.7	21.1
5 21	14 31.26	−10 42.7	1.864	2.829	7.6	21.4
5 31	14 25.02	−10 26.0	1.920	2.827	11.1	21.6
6 10	14 20.77	−10 20.7	1.998	2.826	14.2	21.8

518177 2016 NZ_{3} 5 3.9 279°.28 3°.1/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.95	−26 20.0	1.987	2.818	13.5	21.0
4 11	15 2.98	−26 11.9	1.898	2.808	10.4	20.8
4 21	14 55.90	−25 48.4	1.831	2.797	7.0	20.6
5 1	14 47.46	−25 9.7	1.791	2.787	3.8	20.3
5 11	14 38.64	−24 18.5	1.777	2.777	3.7	20.3
5 21	14 30.47	−23 19.9	1.790	2.766	6.9	20.5
5 31	14 23.86	−22 19.9	1.829	2.756	10.5	20.7
6 10	14 19.45	−21 24.8	1.890	2.745	13.8	20.9

160570 1998 VQ_{51} 5 3.9 224°.12 3°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.87	− 6 4.1	2.484	3.342	10.2	20.6
4 11	15 2.35	− 5 24.6	2.401	3.332	7.5	20.4
4 21	14 55.31	− 4 45.1	2.345	3.321	4.9	20.2
5 1	14 47.30	− 4 9.0	2.316	3.310	3.5	20.1
5 11	14 39.06	− 3 40.3	2.317	3.298	4.9	20.1
5 21	14 31.29	− 3 21.7	2.345	3.286	7.7	20.3
5 31	14 24.66	− 3 15.3	2.399	3.273	10.5	20.4
6 10	14 19.66	− 3 21.8	2.475	3.259	13.0	20.6

302851 2003 FN_{132} 5 3.9 322°.11 3°.4/ 5.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.88	−24 21.6	2.061	2.892	13.1	20.4
4 11	15 5.13	−25 3.2	1.974	2.883	10.1	20.2
4 21	14 57.20	−25 34.4	1.910	2.875	6.9	20.0
5 1	14 47.78	−25 53.9	1.872	2.867	4.0	19.8
5 11	14 37.87	−26 1.9	1.863	2.860	4.0	19.8
5 21	14 28.52	−26 0.6	1.880	2.852	7.0	20.0
5 31	14 20.69	−25 53.6	1.923	2.845	10.3	20.2
6 10	14 15.08	−25 45.8	1.989	2.839	13.4	20.3

32271 2000 PH_{4} 5 3.9 266°.86 4°.5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.87	−30 33.5	2.276	3.081	12.8	19.4
4 11	15 3.53	−30 48.6	2.183	3.071	10.3	19.2
4 21	14 56.19	−30 48.3	2.113	3.061	7.5	19.0
5 1	14 47.53	−30 31.7	2.069	3.051	5.2	18.8
5 11	14 38.49	−29 59.8	2.052	3.040	4.7	18.8
5 21	14 30.01	−29 16.1	2.062	3.030	6.8	18.9
5 31	14 22.98	−28 25.8	2.098	3.020	9.6	19.0
6 10	14 18.02	−27 34.9	2.157	3.009	12.5	19.2

439526 2014 BK_{60} 5 3.9 139°.71 13°.0/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.21	−46 3.8	1.325	2.079	22.8	20.7
4 11	15 12.86	−46 49.2	1.257	2.086	20.1	20.5
4 21	15 2.31	−46 56.8	1.205	2.092	17.1	20.3
5 1	14 48.99	−46 18.4	1.171	2.097	14.5	20.2
5 11	14 35.20	−44 52.6	1.157	2.103	13.1	20.1
5 21	14 23.19	−42 47.2	1.166	2.108	13.6	20.1
5 31	14 14.68	−40 17.4	1.196	2.112	15.7	20.3
6 10	14 10.43	−37 41.3	1.247	2.116	18.6	20.5

126015 2001 YZ_{58} 5 3.9 191°.00 0°.3/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.08	−17 50.2	1.808	2.663	13.5	20.0
4 11	15 4.50	−17 41.0	1.733	2.663	10.0	19.8
4 21	14 56.77	−17 22.8	1.681	2.663	5.9	19.5
5 1	14 47.67	−16 57.3	1.656	2.662	1.5	19.2
5 11	14 38.26	−16 28.1	1.658	2.662	3.1	19.3
5 21	14 29.61	−15 59.5	1.687	2.661	7.5	19.6
5 31	14 22.63	−15 36.0	1.741	2.660	11.4	19.8
6 10	14 17.94	−15 21.4	1.817	2.659	14.8	20.0

500722 2012 XO_{34} 5 3.9 152°.69 2°.0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.41	− 9 46.4	2.731	3.585	9.5	22.5
4 11	15 1.82	− 9 21.4	2.662	3.593	6.9	22.3
4 21	14 54.90	− 8 54.9	2.619	3.600	4.1	22.1
5 1	14 47.21	− 8 29.3	2.605	3.607	2.1	22.0
5 11	14 39.40	− 8 7.5	2.621	3.613	3.5	22.1
5 21	14 32.10	− 7 51.8	2.665	3.619	6.2	22.3
5 31	14 25.88	− 7 44.2	2.736	3.624	8.9	22.5
6 10	14 21.15	− 7 45.9	2.830	3.629	11.2	22.7

309980 2009 HX_{71} 5 3.9 255°.48 4°.4/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.23	− 3 7.4	2.359	3.222	10.5	20.7
4 11	15 1.19	− 2 29.1	2.287	3.217	7.9	20.5
4 21	14 54.64	− 1 53.3	2.240	3.212	5.4	20.3
5 1	14 47.16	− 1 23.9	2.220	3.207	4.4	20.2
5 11	14 39.49	− 1 4.6	2.229	3.202	5.8	20.3
5 21	14 32.34	− 0 57.8	2.264	3.197	8.4	20.5
5 31	14 26.37	− 1 4.9	2.324	3.192	11.0	20.6
6 10	14 22.03	− 1 25.9	2.405	3.187	13.4	20.8

375354 2008 SX_{76} 5 3.9 105°.11 1°.5/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.17	−14 7.9	2.110	2.968	11.8	21.4
4 11	15 2.62	−13 18.3	2.052	2.986	8.5	21.2
4 21	14 55.43	−12 22.8	2.020	3.003	4.8	21.0
5 1	14 47.33	−11 25.3	2.015	3.020	1.7	20.8
5 11	14 39.18	−10 30.5	2.038	3.036	3.6	21.0
5 21	14 31.78	− 9 43.0	2.090	3.052	7.1	21.2
5 31	14 25.81	− 9 6.2	2.167	3.068	10.4	21.5
6 10	14 21.71	− 8 42.3	2.267	3.083	13.1	21.7

441092 2007 RY_{238} 5 3.9 190°.10 1°.4/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 1.83	− 9 44.4	4.378	5.228	6.3	22.2
4 11	14 57.44	− 9 20.0	4.297	5.226	4.5	22.1
4 21	14 52.25	− 8 54.5	4.244	5.224	2.7	21.9
5 1	14 46.60	− 8 29.6	4.220	5.221	1.4	21.8
5 11	14 40.86	− 8 6.9	4.227	5.218	2.4	21.9
5 21	14 35.38	− 7 48.2	4.264	5.215	4.2	22.0
5 31	14 30.51	− 7 34.6	4.329	5.211	6.0	22.1
6 10	14 26.52	− 7 27.3	4.418	5.207	7.6	22.3

27496 2000 GC_{125} 5 3.9 96°.54 3°.9/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.33	−10 34.0	1.711	2.582	13.4	16.4
4 11	15 2.98	− 8 52.3	1.659	2.598	9.7	16.2
4 21	14 55.72	− 7 5.7	1.632	2.614	5.9	16.0
5 1	14 47.40	− 5 21.8	1.632	2.630	3.9	15.9
5 11	14 39.06	− 3 48.9	1.661	2.645	6.1	16.1
5 21	14 31.64	− 2 33.5	1.715	2.661	9.7	16.3
5 31	14 25.91	− 1 39.6	1.794	2.675	13.1	16.6
6 10	14 22.32	− 1 7.9	1.892	2.690	16.0	16.8

125368 2001 VD_{71} 5 3.9 294.°16 0.°8/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 10.65	−18 3.4	1.640	2.499	14.5	18.4
4 11	15 5.45	−18 9.5	1.545	2.476	10.9	18.1
4 21	14 57.64	−18 6.5	1.471	2.452	6.6	17.8
5 1	14 47.96	−17 55.3	1.423	2.429	1.9	17.4
5 11	14 37.56	−17 38.2	1.401	2.405	3.5	17.5
5 21	14 27.70	−17 19.5	1.405	2.381	8.4	17.7
5 31	14 19.60	−17 4.0	1.434	2.358	13.0	17.9
6 10	14 14.12	−16 56.4	1.482	2.334	17.1	18.1

29266 1993 FA_{20} 5 3.9 191.°53 1.°0/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.20	−13 13.6	2.656	3.505	9.9	18.9
4 11	15 2.53	−13 2.5	2.575	3.504	7.2	18.7
4 21	14 55.40	−12 47.8	2.520	3.502	4.1	18.5
5 1	14 47.37	−12 31.4	2.494	3.500	1.2	18.3
5 11	14 39.14	−12 15.7	2.498	3.498	2.8	18.4
5 21	14 31.39	−12 3.2	2.531	3.495	5.9	18.6
5 31	14 24.75	−11 56.2	2.590	3.491	8.9	18.8
6 10	14 19.68	−11 56.4	2.673	3.488	11.4	18.9

370134 2001 WN_{19} 5 3.9 180.°66 0.°2/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.48	−18 18.0	2.262	3.105	11.6	22.3
4 11	15 4.41	−17 58.7	2.183	3.107	8.6	22.1
4 21	14 56.58	−17 31.1	2.128	3.108	5.0	21.9
5 1	14 47.65	−16 56.9	2.102	3.108	1.3	21.7
5 11	14 38.50	−16 19.3	2.104	3.107	2.7	21.8
5 21	14 29.98	−15 42.3	2.135	3.106	6.4	22.0
5 31	14 22.84	−15 9.8	2.193	3.104	9.8	22.2
6 10	14 17.60	−14 45.3	2.274	3.102	12.7	22.4

407790 2011 YL_{18} 5 3.9 121.°72 3.°5/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.54	− 9 24.3	1.500	2.373	14.8	21.7
4 11	15 5.74	− 8 44.9	1.440	2.379	10.8	21.5
4 21	14 57.54	− 8 2.8	1.402	2.385	6.5	21.2
5 1	14 47.89	− 7 23.2	1.389	2.391	3.5	21.0
5 11	14 38.02	− 6 51.7	1.403	2.396	5.8	21.2
5 21	14 29.12	− 6 32.9	1.442	2.401	10.0	21.4
5 31	14 22.19	− 6 29.7	1.504	2.406	14.0	21.7
6 10	14 17.82	− 6 42.9	1.586	2.411	17.4	21.9

503467 2016 ED_{145} 5 3.9 9.°41 0.°6/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.93	−17 42.6	1.175	2.057	17.4	21.2
4 11	15 3.78	−17 46.5	1.116	2.058	12.9	21.0
4 21	14 56.70	−17 39.0	1.076	2.061	7.6	20.7
5 1	14 47.73	−17 22.2	1.058	2.064	2.0	20.3
5 11	14 38.37	−17 0.4	1.064	2.069	4.0	20.5
5 21	14 30.11	−16 39.4	1.094	2.075	9.5	20.8
5 31	14 24.20	−16 24.8	1.145	2.082	14.4	21.1
6 10	14 21.36	−16 21.3	1.214	2.090	18.6	21.4

87327 2000 QZ_{16} 5 3.9 161.°09 1.°2/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.84	−21 9.2	2.045	2.887	12.7	19.8
4 11	15 4.11	−20 50.3	1.970	2.892	9.5	19.6
4 21	14 56.46	−20 20.1	1.919	2.895	5.8	19.4
5 1	14 47.63	−19 40.1	1.894	2.899	2.0	19.1
5 11	14 38.59	−18 54.2	1.898	2.902	2.8	19.2
5 21	14 30.26	−18 6.8	1.930	2.904	6.6	19.4
5 31	14 23.48	−17 23.0	1.988	2.907	10.2	19.7
6 10	14 18.77	−16 47.2	2.068	2.908	13.3	19.9

201952 2004 JS_{43} 5 3.9 321.°80 1.°0/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.23	−21 33.6	1.080	1.962	18.5	20.2
4 11	15 2.28	−20 55.1	1.002	1.945	14.0	19.8
4 21	14 56.10	−19 53.6	0.943	1.928	8.6	19.5
5 1	14 47.64	−18 32.1	0.906	1.912	2.5	19.1
5 11	14 38.47	−16 58.6	0.891	1.897	4.3	19.1
5 21	14 30.26	−15 24.6	0.899	1.882	10.6	19.4
5 31	14 24.51	−14 2.3	0.927	1.869	16.4	19.7
6 10	14 22.13	−13 0.6	0.972	1.857	21.4	19.9

361641 2007 TR_{251} 5 3.9 343.°57 3.°5/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 11.40	−23 18.2	1.296	2.155	17.6	20.5
4 11	15 6.40	−23 43.8	1.224	2.151	13.5	20.2
4 21	14 58.31	−23 53.8	1.173	2.148	8.8	19.9
5 1	14 48.13	−23 46.9	1.144	2.145	4.4	19.6
5 11	14 37.37	−23 25.5	1.140	2.142	4.6	19.6
5 21	14 27.60	−22 54.7	1.160	2.140	9.2	19.9
5 31	14 20.21	−22 22.0	1.203	2.139	13.9	20.1
6 10	14 16.02	−21 54.7	1.264	2.138	18.1	20.4

255802 2006 SZ_{21} 5 3.9 283.°88 0.°3/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.51	−18 15.9	1.540	2.405	14.9	21.1
4 11	15 3.86	−17 35.1	1.452	2.388	11.1	20.8
4 21	14 56.66	−16 40.2	1.386	2.370	6.5	20.5
5 1	14 47.74	−15 34.6	1.345	2.352	1.5	20.1
5 11	14 38.27	−14 24.3	1.330	2.333	3.8	20.2
5 21	14 29.52	−13 16.7	1.341	2.315	9.0	20.5
5 31	14 22.62	−12 19.2	1.376	2.297	13.7	20.7
6 10	14 18.33	−11 37.5	1.430	2.279	17.7	20.9

157243 2004 RQ_{107} 5 3.9 320.°64 1.°8/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.27	−20 39.7	1.405	2.272	16.0	19.4
4 11	15 3.31	−20 45.0	1.315	2.249	12.1	19.1
4 21	14 56.54	−20 36.9	1.245	2.226	7.6	18.8
5 1	14 47.75	−20 16.0	1.199	2.203	2.8	18.4
5 11	14 38.19	−19 45.1	1.178	2.182	3.8	18.4
5 21	14 29.29	−19 9.8	1.180	2.161	9.0	18.6
5 31	14 22.37	−18 36.6	1.205	2.141	13.9	18.9
6 10	14 18.35	−18 12.2	1.250	2.122	18.3	19.1

43691 2002 JA_{76} 5 3.9 108.°42 0.°0/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.46	−17 58.9	1.855	2.712	13.2	19.9
4 11	15 3.25	−17 34.9	1.783	2.714	9.7	19.7
4 21	14 56.02	−17 1.2	1.734	2.716	5.7	19.4
5 1	14 47.55	−16 20.4	1.712	2.718	1.3	19.1
5 11	14 38.84	−15 36.8	1.717	2.720	3.1	19.3
5 21	14 30.87	−14 55.2	1.749	2.722	7.3	19.5
5 31	14 24.51	−14 20.3	1.806	2.724	11.1	19.8
6 10	14 20.32	−13 55.9	1.885	2.726	14.4	20.0

384710 2011 HV_{44} 5 3.9 232.°50 3.°6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.19	− 7 25.4	1.966	2.833	12.1	20.7
4 11	15 2.91	− 6 46.4	1.894	2.830	8.9	20.4
4 21	14 55.78	− 6 6.6	1.846	2.826	5.6	20.2
5 1	14 47.49	− 5 30.3	1.825	2.822	3.6	20.1
5 11	14 38.96	− 5 1.9	1.832	2.819	5.4	20.2
5 21	14 31.09	− 4 45.1	1.865	2.815	8.7	20.4
5 31	14 24.65	− 4 42.1	1.922	2.811	12.1	20.6
6 10	14 20.20	− 4 53.7	2.001	2.807	15.0	20.8

377433 2004 TT_{218} 5 3.9 142.°41 2.°6/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.10	−27 8.0	2.107	2.929	13.1	20.6
4 11	15 3.54	−26 33.1	2.031	2.936	10.1	20.4
4 21	14 56.10	−25 41.6	1.978	2.943	6.7	20.2
5 1	14 47.56	−24 35.2	1.952	2.950	3.4	20.0
5 11	14 38.88	−23 18.1	1.955	2.956	3.2	20.0
5 21	14 30.98	−21 56.3	1.986	2.961	6.4	20.2
5 31	14 24.64	−20 36.5	2.043	2.967	9.8	20.4
6 10	14 20.37	−19 24.6	2.124	2.971	12.8	20.7

365422 2010 JX_{108} 5 3.9 215.°80 4.°5/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.53	−33 51.9	2.946	3.722	10.9	21.6
4 11	15 2.92	−34 1.2	2.850	3.715	8.9	21.4
4 21	14 55.71	−33 56.4	2.778	3.707	6.8	21.3
5 1	14 47.49	−33 36.5	2.731	3.700	5.0	21.1
5 11	14 38.99	−33 2.6	2.713	3.691	4.6	21.1
5 21	14 30.98	−32 17.4	2.723	3.683	5.8	21.2
5 31	14 24.14	−31 25.0	2.761	3.674	7.9	21.3
6 10	14 18.98	−30 30.3	2.823	3.664	10.1	21.4

346067 2007 UG_{86} 5 3.9 199.°77 0.°6/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.35	−15 35.2	2.526	3.375	10.3	21.6
4 11	15 2.00	−15 7.9	2.444	3.372	7.5	21.4
4 21	14 55.14	−14 34.6	2.387	3.369	4.3	21.2
5 1	14 47.35	−13 57.5	2.359	3.365	1.1	21.0
5 11	14 39.35	−13 19.9	2.359	3.361	2.7	21.1
5 21	14 31.86	−12 45.2	2.389	3.356	6.1	21.3
5 31	14 25.53	−12 16.6	2.445	3.351	9.2	21.5
6 10	14 20.83	−11 56.6	2.525	3.345	11.8	21.7

70769 1999 VL_{36} 5 3.9 141.°55 0.°4/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.41	−19 7.4	2.153	3.000	12.0	19.4
4 11	15 2.95	−18 40.4	2.081	3.007	8.8	19.2
4 21	14 55.74	−18 3.8	2.033	3.013	5.2	19.0
5 1	14 47.49	−17 20.1	2.013	3.019	1.3	18.7
5 11	14 39.07	−16 33.0	2.021	3.025	2.7	18.8
5 21	14 31.33	−15 46.9	2.057	3.030	6.4	19.1
5 31	14 25.01	−15 6.3	2.120	3.035	9.9	19.3
6 10	14 20.60	−14 34.7	2.205	3.040	12.8	19.5

295588 2008 SW_{132} 5 3.9 82.°30 0.°1/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.80	−18 36.4	1.895	2.750	13.0	21.2
4 11	15 2.71	−18 6.7	1.825	2.755	9.5	21.0
4 21	14 55.68	−17 26.8	1.779	2.760	5.6	20.8
5 1	14 47.49	−16 39.4	1.759	2.765	1.4	20.5
5 11	14 39.09	−15 49.1	1.767	2.770	3.0	20.7
5 21	14 31.45	−15 0.9	1.802	2.775	7.1	20.9
5 31	14 25.38	−14 19.7	1.862	2.780	10.8	21.2
6 10	14 21.41	−13 49.2	1.944	2.785	14.0	21.4

60072 1999 TN_{132} 5 3.9 323.°95 0.°0/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.44	−18 25.2	1.243	2.122	16.8	18.9
4 11	15 2.79	−17 57.2	1.165	2.107	12.5	18.6
4 21	14 56.24	−17 14.1	1.107	2.092	7.4	18.3
5 1	14 47.69	−16 19.1	1.072	2.078	1.8	17.9
5 11	14 38.53	−15 18.6	1.061	2.065	4.1	18.0
5 21	14 30.23	−14 20.6	1.073	2.052	9.9	18.3
5 31	14 24.11	−13 33.4	1.107	2.041	15.1	18.5
6 10	14 21.01	−13 2.8	1.159	2.030	19.6	18.7

333600 2007 GB_7 5 3.9 301°.81 4°.7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 5.89	− 9 18.7	1.626	2.505	13.6	21.0
4 11	15 1.84	− 7 45.5	1.531	2.473	10.1	20.7
4 21	14 55.48	− 6 2.7	1.458	2.441	6.5	20.4
5 1	14 47.50	− 4 17.9	1.412	2.409	4.7	20.3
5 11	14 38.94	− 2 40.3	1.393	2.376	7.2	20.3
5 21	14 30.91	− 1 18.6	1.398	2.344	11.4	20.5
5 31	14 24.46	− 0 19.6	1.426	2.312	15.6	20.6
6 10	14 20.35	+ 0 13.8	1.473	2.280	19.3	20.8

450805 2007 TQ_{444} 5 3.9 239°.20 2°.9/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 4.97	−29 46.6	3.728	4.520	8.5	22.0
4 11	15 0.03	−29 53.1	3.627	4.508	6.8	21.9
4 21	14 53.93	−29 50.0	3.550	4.495	4.9	21.7
5 1	14 47.08	−29 37.3	3.502	4.483	3.3	21.6
5 11	14 40.02	−29 15.9	3.482	4.470	3.0	21.6
5 21	14 33.27	−28 47.7	3.492	4.457	4.4	21.6
5 31	14 27.34	−28 15.2	3.529	4.444	6.3	21.8
6 10	14 22.63	−27 41.7	3.593	4.431	8.2	21.9

432006 2008 UV_{342} 5 3.9 175°.34 0°.8/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.21	−15 11.3	2.138	2.994	11.7	21.9
4 11	15 2.84	−14 45.3	2.064	2.995	8.5	21.7
4 21	14 55.70	−14 12.8	2.013	2.996	4.9	21.5
5 1	14 47.49	−13 36.5	1.990	2.997	1.2	21.3
5 11	14 39.07	−13 0.2	1.996	2.997	3.1	21.4
5 21	14 31.28	−12 27.7	2.029	2.997	6.9	21.6
5 31	14 24.87	−12 2.7	2.088	2.997	10.3	21.8
6 10	14 20.36	−11 47.6	2.170	2.997	13.3	22.0

358979 2008 SK_{88} 5 3.9 203°.12 2°.8/ 5.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.84	−23 0.3	1.649	2.488	15.4	21.6
4 11	15 9.15	−23 18.4	1.568	2.484	11.8	21.4
4 21	14 59.74	−23 23.1	1.509	2.480	7.6	21.1
5 1	14 48.49	−23 13.7	1.475	2.475	3.6	20.9
5 11	14 36.70	−22 51.9	1.469	2.470	4.0	20.9
5 21	14 25.74	−22 22.2	1.489	2.464	8.1	21.1
5 31	14 16.81	−21 50.6	1.534	2.457	12.4	21.3
6 10	14 10.70	−21 23.5	1.601	2.450	16.2	21.5

207768 2007 TD_{35} 5 3.9 224°.16 1°.4/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.41	−13 11.2	2.211	3.070	11.3	20.8
4 11	15 2.23	−12 42.4	2.132	3.066	8.2	20.5
4 21	14 55.36	−12 8.7	2.078	3.062	4.7	20.3
5 1	14 47.43	−11 32.9	2.052	3.057	1.6	20.1
5 11	14 39.27	−10 58.9	2.054	3.052	3.5	20.2
5 21	14 31.67	−10 30.1	2.083	3.048	7.0	20.4
5 31	14 25.37	−10 9.9	2.139	3.042	10.3	20.6
6 10	14 20.88	−10 0.4	2.216	3.037	13.2	20.8

500839 2013 GW_{137} 5 3.9 347°.86 0°.0/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 47.57	−15 52.9	39.403	40.246	0.8	23.8
4 11	14 46.86	−15 49.9	39.320	40.246	0.6	23.8
4 21	14 46.07	−15 46.6	39.265	40.245	0.3	23.8
5 1	14 45.25	−15 43.1	39.239	40.245	0.1	23.7
5 11	14 44.43	−15 39.6	39.242	40.245	0.2	23.7
5 21	14 43.62	−15 36.1	39.274	40.244	0.4	23.8
5 31	14 42.86	−15 32.9	39.335	40.244	0.6	23.8
6 10	14 42.18	−15 30.1	39.421	40.243	0.9	23.8

344008 2011 SL_6 5 3.9 59°.36 2°.1/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.29	−13 13.6	2.077	2.942	11.6	20.6
4 11	15 0.70	−12 9.4	2.008	2.945	8.4	20.4
4 21	14 54.45	−10 58.8	1.964	2.948	4.9	20.2
5 1	14 47.22	− 9 46.4	1.947	2.951	2.1	20.0
5 11	14 39.84	− 8 37.8	1.959	2.954	4.1	20.2
5 21	14 33.11	− 7 38.1	1.998	2.957	7.6	20.4
5 31	14 27.73	− 6 51.5	2.062	2.960	10.9	20.6
6 10	14 24.16	− 6 20.2	2.148	2.963	13.8	20.8

1333 Cevenola 5 3.9 114°.18 7°.7/28.4 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 9.97	+ 4 24.1	1.921	2.777	12.8	15.9
4 11	15 4.05	+ 5 25.3	1.874	2.789	10.2	15.7
4 21	14 56.35	+ 6 16.7	1.851	2.801	8.2	15.6
5 1	14 47.65	+ 6 52.2	1.854	2.813	7.8	15.6
5 11	14 38.89	+ 7 7.6	1.883	2.824	9.1	15.7
5 21	14 30.95	+ 7 1.3	1.937	2.835	11.4	15.9
5 31	14 24.56	+ 6 33.7	2.013	2.846	13.9	16.1
6 10	14 20.17	+ 5 47.6	2.108	2.856	16.1	16.3

132781 2002 PQ_{115} 5 3.9 286°.26 2°.6/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.50	−26 13.1	1.984	2.816	13.4	19.6
4 11	15 2.76	−25 44.3	1.882	2.794	10.4	19.4
4 21	14 55.90	−24 58.0	1.803	2.771	6.9	19.1
5 1	14 47.60	−23 55.0	1.750	2.749	3.4	18.8
5 11	14 38.86	−22 38.9	1.725	2.726	3.4	18.8
5 21	14 30.70	−21 15.8	1.726	2.704	7.0	19.0
5 31	14 24.05	−19 53.0	1.754	2.681	10.9	19.1
6 10	14 19.61	−18 37.5	1.805	2.658	14.4	19.3

462823 2010 SE_5 5 3.9 240°.57 4°.0/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 9.45	− 8 43.2	1.721	2.591	13.4	21.8
4 11	15 4.15	− 7 40.0	1.643	2.581	9.8	21.6
4 21	14 56.67	− 6 32.6	1.589	2.570	6.2	21.3
5 1	14 47.79	− 5 26.9	1.561	2.559	4.0	21.2
5 11	14 38.54	− 4 29.7	1.560	2.547	6.2	21.3
5 21	14 29.99	− 3 46.5	1.585	2.535	10.0	21.5
5 31	14 23.08	− 3 21.4	1.634	2.522	13.8	21.7
6 10	14 18.46	− 3 15.5	1.702	2.510	17.1	21.9

470034 2006 SL_{17} 5 3.9 192°.24 1°.7/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.55	−13 15.5	2.598	3.454	9.9	21.7
4 11	15 0.63	−12 19.4	2.520	3.452	7.1	21.5
4 21	14 54.33	−11 17.9	2.468	3.451	4.1	21.3
5 1	14 47.20	−10 14.6	2.445	3.448	1.7	21.1
5 11	14 39.93	− 9 13.5	2.451	3.446	3.4	21.3
5 21	14 33.16	− 8 18.9	2.486	3.443	6.4	21.5
5 31	14 27.48	− 7 34.1	2.547	3.440	9.3	21.6
6 10	14 23.32	− 7 1.3	2.632	3.437	11.8	21.8

410198 2007 RG_{151} 5 3.9 314°.66 4°.8/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 7.27	− 9 22.3	1.235	2.124	16.2	21.0
4 11	15 3.22	− 8 11.2	1.165	2.113	11.9	20.7
4 21	14 56.41	− 6 53.4	1.116	2.101	7.5	20.4
5 1	14 47.75	− 5 37.3	1.091	2.091	4.8	20.2
5 11	14 38.62	− 4 32.3	1.090	2.080	7.5	20.3
5 21	14 30.39	− 3 46.4	1.112	2.070	12.3	20.5
5 31	14 24.28	− 3 24.5	1.154	2.061	16.9	20.8
6 10	14 21.06	− 3 27.7	1.213	2.052	20.9	21.0

310216 2011 SF_{184} 5 3.9 188°.77 0°.9/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 6.20	−14 10.9	2.918	3.766	9.1	21.9
4 11	15 0.99	−13 46.1	2.837	3.765	6.6	21.7
4 21	14 54.51	−13 16.9	2.782	3.764	3.8	21.6
5 1	14 47.25	−12 45.5	2.756	3.762	1.1	21.3
5 11	14 39.83	−12 14.5	2.760	3.760	2.6	21.5
5 21	14 32.85	−11 46.8	2.793	3.757	5.5	21.6
5 31	14 26.85	−11 24.7	2.854	3.754	8.2	21.8
6 10	14 22.25	−11 10.3	2.938	3.750	10.5	22.0

414786 2010 RE_{48} 5 3.9 165°.64 0°.8/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.86	−16 5.1	1.921	2.776	12.9	22.1
4 11	15 4.91	−15 28.0	1.849	2.780	9.4	21.9
4 21	14 56.97	−14 42.5	1.802	2.784	5.4	21.6
5 1	14 47.84	−13 51.7	1.782	2.788	1.3	21.4
5 11	14 38.50	−13 0.5	1.790	2.791	3.4	21.5
5 21	14 29.92	−12 13.8	1.825	2.793	7.5	21.8
5 31	14 22.95	−11 36.3	1.887	2.795	11.3	22.0
6 10	14 18.14	−11 11.1	1.970	2.796	14.4	22.2

506199 2016 GD_{193} 5 3.9 308°.79 4°.4/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 5.28	− 9 49.8	1.529	2.411	14.1	20.8
4 11	15 1.39	− 8 26.7	1.447	2.392	10.4	20.6
4 21	14 55.20	− 6 55.8	1.389	2.372	6.5	20.3
5 1	14 47.47	− 5 24.4	1.355	2.354	4.4	20.1
5 11	14 39.28	− 4 1.4	1.348	2.335	6.9	20.2
5 21	14 31.78	− 2 54.6	1.365	2.317	11.1	20.4
5 31	14 25.98	− 2 9.8	1.404	2.299	15.2	20.6
6 10	14 22.57	− 1 49.2	1.461	2.282	18.8	20.8

205756 2002 CS_{26} 5 3.9 36°.97 5°.2/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 12.23	−26 44.5	1.220	2.072	18.9	19.7
4 11	15 7.07	−27 17.7	1.161	2.081	14.7	19.4
4 21	14 58.71	−27 30.6	1.122	2.089	10.2	19.2
5 1	14 48.29	−27 21.1	1.104	2.099	6.1	19.0
5 11	14 37.47	−26 51.7	1.110	2.109	5.7	19.0
5 21	14 27.92	−26 8.6	1.140	2.119	9.5	19.2
5 31	14 20.96	−25 21.1	1.192	2.130	13.9	19.5
6 10	14 17.35	−24 37.8	1.263	2.141	17.8	19.8

178298 1993 FT_{51} 5 3.9 2°.62 0°.5/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 8.11	−15 26.5	1.192	2.076	17.0	19.3
4 11	15 3.93	−15 23.8	1.129	2.074	12.5	19.0
4 21	14 56.84	−15 12.2	1.087	2.073	7.3	18.7
5 1	14 47.86	−14 54.7	1.067	2.074	1.7	18.3
5 11	14 38.45	−14 35.9	1.072	2.076	4.2	18.5
5 21	14 30.10	−14 21.1	1.099	2.078	9.7	18.8
5 31	14 24.03	−14 15.4	1.148	2.082	14.7	19.1
6 10	14 20.99	−14 22.0	1.215	2.086	18.8	19.4

513021 2017 VS 5 3.9 190°.84 0°.7/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 10.64	−18 47.3	3.031	3.860	9.4	22.7
4 11	15 4.23	−18 50.5	2.943	3.858	6.9	22.5
4 21	14 56.41	−18 47.7	2.880	3.856	4.2	22.3
5 1	14 47.71	−18 39.5	2.847	3.852	1.3	22.1
5 11	14 38.78	−18 27.6	2.845	3.848	2.1	22.1
5 21	14 30.28	−18 14.0	2.874	3.843	5.0	22.3
5 31	14 22.81	−18 1.3	2.931	3.838	7.7	22.5
6 10	14 16.82	−17 52.0	3.012	3.832	10.1	22.7

200185 1999 RQ_{65} 5 3.9 210°.67 5°.6/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.40	−34 35.1	2.437	3.213	12.9	21.2
4 11	15 6.11	−34 56.4	2.343	3.207	10.7	21.1
4 21	14 57.76	−35 0.9	2.272	3.200	8.2	20.9
5 1	14 48.06	−34 46.6	2.226	3.192	6.2	20.7
5 11	14 37.96	−34 14.2	2.208	3.184	5.6	20.7
5 21	14 28.46	−33 26.8	2.218	3.175	7.1	20.8
5 31	14 20.46	−32 29.6	2.254	3.166	9.5	20.9
6 10	14 14.59	−31 29.2	2.313	3.156	12.0	21.0

475242 2005 WB_{21} 5 3.9 246°.86 2°.2/ 6.5 16

4 1	15 7.20	−26 57.4	3.142	3.949	9.6	23.4
4 11	15 1.83	−26 35.7	3.031	3.927	7.4	23.2
4 21	14 55.06	−26 2.5	2.945	3.905	5.0	23.0
5 1	14 47.40	−25 18.4	2.888	3.883	2.8	22.8
5 11	14 39.49	−24 25.3	2.861	3.860	2.6	22.8
5 21	14 31.95	−23 26.6	2.864	3.836	4.9	22.9
5 31	14 25.39	−22 26.2	2.895	3.812	7.5	23.1
6 10	14 20.26	−21 28.2	2.952	3.787	9.9	23.2

501854 2014 WH_{214} 5 3.9 258°.83 1°.7/ 2.9 17

4 1	15 10.81	−13 27.0	1.608	2.475	14.3	21.5
4 11	15 5.40	−12 59.0	1.526	2.463	10.5	21.2
4 21	14 57.53	−12 23.9	1.467	2.451	6.1	21.0
5 1	14 48.03	−11 45.2	1.433	2.439	2.0	20.7
5 11	14 38.04	−11 8.1	1.426	2.426	4.4	20.8
5 21	14 28.78	−10 37.6	1.445	2.413	9.1	21.0
5 31	14 21.31	−10 18.6	1.488	2.400	13.5	21.2
6 10	14 16.37	−10 13.8	1.551	2.387	17.2	21.5

155046 2005 RB_{10} 5 3.9 148°.86 5°.9/ 8.3 18

4 1	15 14.42	−33 22.0	2.108	2.896	14.3	20.6
4 11	15 7.73	−33 54.3	2.031	2.903	11.7	20.5
4 21	14 58.75	−34 8.7	1.976	2.910	8.9	20.3
5 1	14 48.29	−34 2.9	1.947	2.917	6.5	20.2
5 11	14 37.50	−33 37.7	1.944	2.923	6.0	20.1
5 21	14 27.50	−32 56.6	1.969	2.929	7.7	20.3
5 31	14 19.29	−32 5.7	2.019	2.934	10.3	20.4
6 10	14 13.51	−31 12.2	2.093	2.939	13.0	20.6

129763 1999 GD_{11} 5 3.9 79°.14 2°.3/ 2.5 18

4 1	15 10.24	−13 57.7	1.357	2.233	15.9	19.8
4 11	15 4.95	−12 59.4	1.303	2.244	11.5	19.5
4 21	14 57.16	−11 52.2	1.270	2.256	6.6	19.3
5 1	14 47.90	−10 42.4	1.263	2.267	2.5	19.1
5 11	14 38.51	− 9 37.6	1.281	2.279	5.1	19.3
5 21	14 30.24	− 8 44.8	1.324	2.291	9.9	19.5
5 31	14 24.08	− 8 9.2	1.389	2.302	14.2	19.8
6 10	14 20.60	− 7 52.9	1.474	2.313	17.8	20.1

29396 1996 PM_{3} 5 3.9 81°.32 7°.6/28.3 18

4 1	15 8.30	+ 1 2.9	1.688	2.558	13.6	18.0
4 11	15 3.03	+ 2 28.2	1.645	2.573	10.6	17.8
4 21	14 55.83	+ 3 46.2	1.626	2.587	8.2	17.7
5 1	14 47.57	+ 4 49.0	1.632	2.601	7.7	17.7
5 11	14 39.27	+ 5 30.7	1.664	2.615	9.3	17.8
5 21	14 31.86	+ 5 48.4	1.719	2.629	12.0	18.0
5 31	14 26.11	+ 5 42.0	1.797	2.643	14.7	18.2
6 10	14 22.51	+ 5 13.8	1.892	2.657	17.1	18.4

320414 2007 VP_{2} 5 3.9 123°.55 0°.5/ 4.4 18

4 1	15 10.00	−17 51.0	2.249	3.094	11.6	20.9
4 11	15 4.11	−17 55.9	2.176	3.101	8.5	20.7
4 21	14 56.46	−17 54.0	2.128	3.107	5.1	20.5
5 1	14 47.74	−17 46.3	2.107	3.113	1.4	20.3
5 11	14 38.80	−17 35.0	2.116	3.119	2.6	20.4
5 21	14 30.49	−17 22.9	2.152	3.125	6.2	20.6
5 31	14 23.55	−17 13.1	2.215	3.130	9.5	20.8
6 10	14 18.51	−17 8.4	2.301	3.136	12.4	21.0

176699 2002 QE_{22} 5 3.9 229°.93 3°.4/ 1.5 17

4 1	15 9.49	− 9 43.3	1.818	2.685	12.9	20.6
4 11	15 4.08	− 8 46.0	1.740	2.676	9.5	20.4
4 21	14 56.60	− 7 44.2	1.685	2.667	5.8	20.1
5 1	14 47.80	− 6 43.0	1.658	2.657	3.4	20.0
5 11	14 38.66	− 5 48.6	1.658	2.647	5.5	20.1
5 21	14 30.20	− 5 6.2	1.684	2.637	9.3	20.3
5 31	14 23.32	− 4 39.6	1.735	2.626	13.0	20.5
6 10	14 18.61	− 4 30.6	1.806	2.615	16.2	20.6

11916 Wiesloch 5 3.9 95°.99 3°.1/ 1.9 18

4 1	15 9.45	−11 46.4	1.498	2.373	14.7	17.8
4 11	15 4.23	−10 44.4	1.439	2.380	10.7	17.5
4 21	14 56.70	− 9 36.1	1.402	2.387	6.3	17.3
5 1	14 47.80	− 8 27.6	1.391	2.394	3.1	17.1
5 11	14 38.73	− 7 26.3	1.406	2.401	5.5	17.3
5 21	14 30.62	− 6 38.3	1.447	2.408	9.8	17.5
5 31	14 24.42	− 6 7.8	1.511	2.414	13.8	17.8
6 10	14 20.69	− 5 56.5	1.594	2.421	17.2	18.0

262452 2006 UG_{110} 5 3.9 315°.03 2°.6/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 7.31	−23 51.9	1.330	2.192	17.0	20.4
4 11	15 3.45	−23 38.0	1.246	2.176	13.1	20.1
4 21	14 56.67	−23 4.4	1.182	2.159	8.4	19.8
5 1	14 47.87	−22 11.6	1.140	2.143	3.7	19.5
5 11	14 38.42	−21 4.4	1.123	2.127	4.1	19.5
5 21	14 29.79	−19 50.7	1.130	2.112	9.1	19.7
5 31	14 23.32	−18 40.0	1.160	2.098	14.1	19.9
6 10	14 19.87	−17 40.9	1.208	2.084	18.6	20.2

366711 2003 WJ_{154} 5 3.9 186°.17 3°.2/ 1.8 17

4 1	15 11.09	− 9 17.9	1.842	2.706	12.9	21.6
4 11	15 5.15	− 8 35.0	1.771	2.706	9.5	21.4
4 21	14 57.17	− 7 49.4	1.724	2.706	5.8	21.2
5 1	14 47.92	− 7 5.4	1.704	2.705	3.2	21.0
5 11	14 38.42	− 6 28.2	1.712	2.703	5.2	21.2
5 21	14 29.67	− 6 1.9	1.747	2.701	8.9	21.4
5 31	14 22.53	− 5 49.6	1.806	2.698	12.5	21.6
6 10	14 17.58	− 5 52.5	1.886	2.695	15.6	21.8

307769 2003 WG_{25} 5 3.9 103°.62 5°.6/30.8 18

4 1	15 13.54	− 2 20.7	1.699	2.563	13.8	20.5
4 11	15 6.79	− 1 42.5	1.652	2.582	10.4	20.3
4 21	14 58.00	− 1 9.3	1.629	2.600	7.1	20.2
5 1	14 48.08	− 0 46.4	1.632	2.619	5.6	20.1
5 11	14 38.14	− 0 37.9	1.662	2.636	7.2	20.2
5 21	14 29.20	− 0 45.9	1.717	2.654	10.3	20.5
5 31	14 22.08	− 1 10.6	1.797	2.671	13.5	20.7
6 10	14 17.27	− 1 50.6	1.896	2.687	16.2	20.9

178055 2006 SU_{16} 5 3.9 236°.79 1°.4/ 2.9 18

4 1	15 10.31	−14 54.3	1.968	2.824	12.6	21.7
4 11	15 4.66	−14 9.8	1.878	2.810	9.2	21.4
4 21	14 56.95	−13 16.7	1.812	2.795	5.3	21.2
5 1	14 47.89	−12 18.5	1.773	2.779	1.6	20.9
5 11	14 38.44	−11 20.1	1.763	2.762	3.8	21.0
5 21	14 29.58	−10 27.0	1.780	2.745	8.0	21.2
5 31	14 22.21	− 9 44.1	1.823	2.727	11.8	21.4
6 10	14 16.96	− 9 15.1	1.888	2.708	15.2	21.6

456077 2006 BT_{38} 5 3.9 208°.56 4°.9/30.8 17

4 1	15 12.64	− 5 48.8	1.719	2.584	13.6	21.5
4 11	15 6.45	− 4 52.7	1.645	2.579	10.2	21.3
4 21	14 58.01	− 3 56.0	1.596	2.572	6.7	21.1
5 1	14 48.13	− 3 4.7	1.572	2.565	4.9	20.9
5 11	14 37.92	− 2 24.8	1.576	2.557	6.9	21.0
5 21	14 28.47	− 2 0.9	1.606	2.548	10.5	21.2
5 31	14 20.74	− 1 55.7	1.660	2.539	14.1	21.4
6 10	14 15.39	− 2 9.3	1.733	2.528	17.3	21.6

314103 2005 EG_{74} 5 4.0 155°.11 0°.7/ 4.5 16

4 1	15 13.26	−19 20.6	1.893	2.737	13.5	21.6
4 11	15 6.74	−19 8.3	1.821	2.745	10.0	21.3
4 21	14 58.09	−18 45.8	1.774	2.752	6.0	21.1
5 1	14 48.14	−18 14.6	1.754	2.759	1.7	20.8
5 11	14 37.96	−17 38.3	1.762	2.765	3.0	20.9
5 21	14 28.60	−17 1.4	1.797	2.770	7.2	21.2
5 31	14 20.97	−16 28.9	1.859	2.775	11.0	21.4
6 10	14 15.64	−16 4.7	1.943	2.779	14.2	21.7

439597 2014 EC_{6} 5 4.0 159°.25 0°.2/ 3.8 18

4 1	15 7.71	−16 39.1	2.520	3.367	10.5	21.9
4 11	15 2.27	−16 20.7	2.445	3.372	7.6	21.7
4 21	14 55.32	−15 56.1	2.395	3.376	4.4	21.5
5 1	14 47.48	−15 27.2	2.373	3.379	1.0	21.3
5 11	14 39.47	−14 56.9	2.381	3.383	2.5	21.4
5 21	14 32.00	−14 28.2	2.417	3.386	5.8	21.6
5 31	14 25.72	−14 4.4	2.480	3.389	8.9	21.8
6 10	14 21.08	−13 47.8	2.566	3.391	11.5	22.0

233696 2008 SU_{33} 5 4.0 174°.58 1°.3/ 2.9 17

4 1	15 8.71	−13 57.1	2.315	3.168	11.0	21.5
4 11	15 3.08	−13 21.2	2.240	3.171	8.0	21.3
4 21	14 55.83	−12 39.8	2.191	3.173	4.6	21.1
5 1	14 47.60	−11 55.9	2.169	3.174	1.5	20.9
5 11	14 39.20	−11 13.2	2.177	3.175	3.3	21.0
5 21	14 31.39	−10 35.7	2.213	3.176	6.7	21.2
5 31	14 24.87	−10 6.6	2.275	3.176	9.9	21.4
6 10	14 20.12	− 9 48.3	2.360	3.175	12.7	21.6

53310 1999 HY_{9} 5 4.0 252°.28 1°.8/ 5.3 18

4 1	15 9.22	−21 45.0	2.218	3.056	12.0	18.8
4 11	15 3.71	−21 54.3	2.134	3.052	9.1	18.6
4 21	14 56.33	−21 54.0	2.074	3.047	5.7	18.4
5 1	14 47.74	−21 44.6	2.041	3.043	2.5	18.1
5 11	14 38.83	−21 27.7	2.037	3.039	2.9	18.2
5 21	14 30.49	−21 6.7	2.060	3.035	6.2	18.4
5 31	14 23.52	−20 45.2	2.109	3.030	9.6	18.6
6 10	14 18.52	−20 27.3	2.182	3.026	12.6	18.7