2020	α_{2000}	δ_{2000}	Δ	r	β	V
62333	2000 SE_{127}		5 6.9	261.°78	3.°0/ 4.3	18
	h m	° ′			°	m
4 1	15 17.88	−10 12.5	2.324	3.164	11.5	19.8
4 11	15 13.79	− 9 19.0	2.239	3.156	8.7	19.6
4 21	15 8.00	− 8 21.6	2.178	3.148	5.7	19.4
5 1	15 1.05	− 7 24.4	2.144	3.140	3.3	19.3
5 11	14 53.66	− 6 31.8	2.138	3.133	3.9	19.3
5 21	14 46.57	− 5 47.9	2.160	3.125	6.8	19.5
5 31	14 40.48	− 5 16.1	2.208	3.117	9.9	19.6
6 10	14 35.95	− 4 58.2	2.279	3.108	12.6	19.8
380590	2004 RP_{288}		5 6.9	273.°24	8.°4/30.1	18
4 1	15 20.48	+ 2 57.8	1.900	2.740	13.6	20.8
4 11	15 16.19	+ 4 23.0	1.818	2.720	11.2	20.6
4 21	15 9.76	+ 5 43.5	1.758	2.700	9.2	20.4
5 1	15 1.79	+ 6 51.7	1.724	2.680	8.5	20.3
5 11	14 53.15	+ 7 40.4	1.714	2.659	9.6	20.3
5 21	14 44.79	+ 8 5.1	1.730	2.639	12.0	20.4
5 31	14 37.65	+ 8 3.6	1.767	2.618	14.7	20.6
6 10	14 32.41	+ 7 37.2	1.823	2.596	17.4	20.7
56640	2000 KZ_{19}		5 6.9	252.°16	0.°7/ 7.4	18
4 1	15 22.97	−20 15.6	1.943	2.767	14.0	19.5
4 11	15 18.22	−20 2.1	1.846	2.752	10.9	19.2
4 21	15 11.13	−19 37.8	1.771	2.738	7.1	19.0
5 1	15 2.33	−19 3.8	1.721	2.723	2.9	18.7
5 11	14 52.77	−18 23.0	1.700	2.707	1.7	18.5
5 21	14 43.50	−17 39.6	1.705	2.692	6.1	18.8
5 31	14 35.54	−16 58.7	1.737	2.676	10.2	19.0
6 10	14 29.66	−16 25.3	1.792	2.659	13.9	19.2
38775	2000 RZ_{10}		5 6.9	244.°84	1.°1/ 6.3	18
4 1	15 23.41	−14 41.6	2.211	3.037	12.5	18.7
4 11	15 18.23	−14 27.9	2.111	3.021	9.5	18.5
4 21	15 10.99	−14 8.9	2.035	3.005	6.1	18.2
5 1	15 2.25	−13 46.2	1.985	2.988	2.4	17.9
5 11	14 52.83	−13 22.7	1.964	2.970	2.2	17.9
5 21	14 43.65	−13 1.6	1.972	2.952	6.0	18.1
5 31	14 35.56	−12 46.2	2.007	2.934	9.7	18.3
6 10	14 29.28	−12 39.3	2.065	2.914	13.0	18.5
319329	2006 BE_{193}		5 6.9	120.°51	0.°2/ 6.9	17
4 1	15 21.49	−18 13.9	1.899	2.731	14.0	21.0
4 11	15 16.91	−17 50.8	1.821	2.734	10.6	20.8
4 21	15 10.14	−17 18.5	1.766	2.737	6.8	20.5
5 1	15 1.89	−16 39.1	1.737	2.740	2.6	20.3
5 11	14 53.11	−15 56.3	1.735	2.743	1.8	20.2
5 21	14 44.80	−15 14.6	1.761	2.746	6.1	20.5
5 31	14 37.85	−14 38.8	1.812	2.749	10.0	20.7
6 10	14 32.93	−14 12.5	1.886	2.751	13.4	21.0
18318	1981 ET_{43}		5 6.9	42.°62	7.°5/29.0	18
4 1	15 16.98	− 0 11.8	2.044	2.891	12.5	19.0
4 11	15 13.15	+ 2 0.2	1.988	2.898	10.1	18.9
4 21	15 7.57	+ 4 9.4	1.958	2.905	8.1	18.7
5 1	15 0.86	+ 6 7.2	1.955	2.912	7.5	18.7
5 11	14 53.82	+ 7 45.9	1.979	2.920	8.7	18.8
5 21	14 47.22	+ 9 0.3	2.028	2.928	10.9	19.0
5 31	14 41.76	+ 9 48.3	2.101	2.936	13.3	19.1
6 10	14 37.96	+10 10.5	2.192	2.944	15.4	19.3
409016	2003 AG_{84}		5 7.0	91.°70	3.°3/ 4.8	18
4 1	15 25.05	− 9 52.8	1.841	2.679	14.1	21.4
4 11	15 19.26	− 9 9.6	1.790	2.706	10.6	21.2
4 21	15 11.41	− 8 24.3	1.762	2.732	6.9	21.0
5 1	15 2.29	− 7 41.2	1.761	2.759	3.7	20.9
5 11	14 52.91	− 7 4.9	1.788	2.784	4.2	21.0
5 21	14 44.23	− 6 39.2	1.842	2.809	7.5	21.2
5 31	14 37.06	− 6 26.5	1.921	2.834	10.9	21.5
6 10	14 31.95	− 6 27.8	2.023	2.857	13.8	21.7
230837	2004 PO_{88}		5 7.0	198.°57	5.°3/11.1	17
4 1	15 26.07	−34 5.4	2.438	3.193	13.5	21.2
4 11	15 20.32	−34 30.5	2.342	3.189	11.2	21.1
4 21	15 12.34	−34 40.3	2.267	3.185	8.7	20.9
5 1	15 2.76	−34 32.5	2.218	3.181	6.4	20.7
5 11	14 52.51	−34 6.9	2.195	3.176	5.3	20.7
5 21	14 42.60	−33 25.8	2.201	3.170	6.4	20.7
5 31	14 33.97	−32 34.0	2.234	3.163	8.7	20.8
6 10	14 27.35	−31 37.6	2.291	3.156	11.3	21.0
126983	2002 FO_{27}		5 7.0	155.°30	1.°1/ 7.8	18
4 1	15 21.45	−20 38.2	2.523	3.334	11.5	20.3
4 11	15 16.43	−20 45.8	2.437	3.337	8.9	20.2
4 21	15 9.66	−20 45.9	2.376	3.339	5.9	20.0
5 1	15 1.69	−20 39.1	2.341	3.341	2.6	19.7
5 11	14 53.26	−20 26.8	2.336	3.343	1.6	19.7
5 21	14 45.13	−20 11.3	2.359	3.345	4.7	19.9
5 31	14 38.05	−19 55.5	2.410	3.347	7.8	20.1
6 10	14 32.56	−19 42.7	2.485	3.348	10.6	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
423451	2005 SV_{93}		5 7.0	146.°67	2.°3/ 8.5	17
	h m	° ′			°	m
4 1	15 26.59	−23 41.5	2.190	2.990	13.4	22.4
4 11	15 20.58	−23 58.3	2.110	3.000	10.5	22.2
4 21	15 12.41	−24 4.9	2.053	3.009	7.2	22.0
5 1	15 2.76	−24 0.5	2.023	3.017	3.7	21.8
5 11	14 52.56	−23 46.6	2.021	3.025	2.5	21.7
5 21	14 42.79	−23 25.6	2.048	3.032	5.4	21.9
5 31	14 34.38	−23 1.6	2.102	3.039	8.8	22.1
6 10	14 27.97	−22 39.1	2.180	3.045	11.8	22.3
17698	Racheldavis		5 7.0	255.°77	4.°6/ 2.9	18
4 1	15 17.78	− 4 55.6	2.339	3.181	11.3	18.3
4 11	15 13.66	− 3 55.7	2.261	3.176	8.8	18.1
4 21	15 7.89	− 2 55.9	2.207	3.171	6.2	17.9
5 1	15 1.02	− 2 0.7	2.181	3.166	4.6	17.8
5 11	14 53.73	− 1 14.9	2.182	3.161	5.4	17.8
5 21	14 46.76	− 0 41.9	2.210	3.155	7.8	18.0
5 31	14 40.79	− 0 24.3	2.263	3.150	10.5	18.1
6 10	14 36.33	− 0 22.7	2.338	3.145	13.0	18.3
43642	2002 EA_{41}		5 7.0	341.°05	5.°9/10.7	18
4 1	15 26.65	−33 38.8	2.470	3.225	13.3	19.6
4 11	15 20.84	−34 41.4	2.379	3.225	11.1	19.4
4 21	15 12.75	−35 31.4	2.311	3.225	8.8	19.3
5 1	15 2.97	−36 5.2	2.268	3.224	6.7	19.1
5 11	14 52.39	−36 21.5	2.252	3.224	5.9	19.1
5 21	14 42.04	−36 21.0	2.264	3.224	6.8	19.1
5 31	14 32.91	−36 6.9	2.303	3.224	8.9	19.3
6 10	14 25.79	−35 44.5	2.366	3.224	11.3	19.4
254525	2005 ES_{115}		5 7.0	26.°46	5.°6/ 3.8	17
4 1	15 18.76	− 9 2.8	1.163	2.038	18.0	19.6
4 11	15 15.68	− 7 49.0	1.111	2.046	13.7	19.4
4 21	15 9.69	− 6 31.3	1.079	2.056	9.2	19.1
5 1	15 1.77	− 5 18.3	1.070	2.066	5.8	19.0
5 11	14 53.28	− 4 19.2	1.084	2.077	6.9	19.1
5 21	14 45.58	− 3 40.8	1.120	2.089	10.9	19.3
5 31	14 39.85	− 3 26.7	1.178	2.102	15.2	19.6
6 10	14 36.77	− 3 36.6	1.253	2.116	18.9	19.9
480444	2015 KA_{142}		5 7.0	348.°86	0.°7/ 7.5	17
4 1	15 19.97	−20 23.8	2.078	2.903	13.2	21.3
4 11	15 15.66	−20 9.3	1.995	2.902	10.1	21.1
4 21	15 9.32	−19 45.0	1.934	2.902	6.6	20.8
5 1	15 1.60	−19 12.2	1.900	2.901	2.7	20.6
5 11	14 53.35	−18 34.0	1.893	2.901	1.6	20.5
5 21	14 45.49	−17 54.1	1.914	2.900	5.5	20.8
5 31	14 38.86	−17 17.1	1.960	2.900	9.2	21.0
6 10	14 34.08	−16 47.0	2.031	2.900	12.4	21.2
253871	2004 BV_5		5 7.0	196.°96	5.°5/ 3.0	17
4 1	15 23.99	− 2 59.3	2.073	2.907	12.9	21.7
4 11	15 18.54	− 2 4.8	1.996	2.905	10.1	21.5
4 21	15 11.09	− 1 12.0	1.942	2.901	7.3	21.3
5 1	15 2.26	− 0 26.3	1.916	2.897	5.6	21.2
5 11	14 52.93	+ 0 7.4	1.916	2.892	6.4	21.2
5 21	14 43.98	+ 0 25.5	1.944	2.886	9.0	21.4
5 31	14 36.26	+ 0 26.2	1.997	2.879	12.0	21.5
6 10	14 30.39	+ 0 9.4	2.071	2.872	14.7	21.7
309696	2008 FA_{65}		5 7.0	24.°95	2.°4/ 5.0	17
4 1	15 17.64	−11 45.9	2.235	3.076	11.8	20.4
4 11	15 13.63	−11 4.9	2.160	3.078	8.9	20.2
4 21	15 7.90	−10 20.0	2.108	3.081	5.7	20.0
5 1	15 1.03	− 9 34.6	2.084	3.084	2.8	19.8
5 11	14 53.77	− 8 52.7	2.087	3.087	3.3	19.9
5 21	14 46.88	− 8 18.0	2.118	3.090	6.3	20.1
5 31	14 41.05	− 7 53.7	2.175	3.093	9.5	20.3
6 10	14 36.83	− 7 41.5	2.254	3.097	12.3	20.5
480514	2015 ME_6		5 7.0	311.°87	3.°2/ 9.5	16
4 1	15 18.50	−27 58.1	2.042	2.848	14.1	20.9
4 11	15 14.88	−27 48.8	1.939	2.828	11.3	20.7
4 21	15 9.03	−27 23.5	1.856	2.808	8.1	20.5
5 1	15 1.57	−26 41.9	1.798	2.789	4.8	20.2
5 11	14 53.37	−25 45.9	1.767	2.769	3.3	20.1
5 21	14 45.46	−24 39.8	1.763	2.750	5.8	20.2
5 31	14 38.79	−23 29.8	1.785	2.732	9.4	20.4
6 10	14 34.11	−22 22.4	1.830	2.714	12.9	20.5
246103	2007 ER_{160}		5 7.0	72.°46	11.°6/11.2	18
4 1	15 40.84	−41 6.7	1.847	2.564	18.4	19.8
4 11	15 33.44	−43 31.8	1.768	2.568	16.3	19.7
4 21	15 21.90	−45 40.0	1.708	2.572	14.1	19.5
5 1	15 6.83	−47 20.6	1.673	2.577	12.3	19.4
5 11	14 49.74	−48 25.8	1.662	2.581	11.6	19.4
5 21	14 32.68	−48 53.2	1.676	2.585	12.2	19.4
5 31	14 17.76	−48 47.5	1.713	2.590	13.9	19.5
6 10	14 6.52	−48 19.2	1.772	2.594	16.0	19.7

40870 1999 TQ_{119} 5 7.0 277.°50 5.°8/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.57	−30 30.0	1.940	2.725	15.4	19.3
4 11	15 21.40	−31 25.6	1.842	2.712	12.8	19.0
4 21	15 13.45	−32 8.0	1.766	2.700	9.7	18.8
5 1	15 3.35	−32 33.4	1.713	2.687	6.9	18.6
5 11	14 52.18	−32 40.0	1.687	2.674	5.8	18.5
5 21	14 41.20	−32 28.8	1.687	2.661	7.5	18.6
5 31	14 31.68	−32 4.3	1.713	2.648	10.6	18.8
6 10	14 24.60	−31 33.1	1.761	2.635	13.8	18.9

58692 1998 BF_{17} 5 7.0 256.°37 1.°6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.85	−14 25.8	1.911	2.748	13.7	19.8
4 11	15 17.29	−13 59.1	1.821	2.738	10.4	19.6
4 21	15 10.50	−13 25.8	1.754	2.727	6.6	19.3
5 1	15 2.12	−12 48.6	1.713	2.716	2.7	19.0
5 11	14 53.06	−12 11.5	1.700	2.705	2.7	19.0
5 21	14 44.34	−11 38.8	1.713	2.693	6.8	19.2
5 31	14 36.90	−11 14.6	1.753	2.682	10.8	19.4
6 10	14 31.46	−11 1.9	1.814	2.670	14.3	19.6

146185 2000 SD_{338} 5 7.0 202.°81 8.°9/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.46	+12 13.6	2.578	3.384	11.5	20.2
4 11	15 14.02	+13 36.3	2.520	3.382	10.0	20.1
4 21	15 8.06	+14 48.2	2.485	3.379	9.1	20.0
5 1	15 1.09	+15 43.3	2.476	3.376	9.0	20.0
5 11	14 53.79	+16 17.5	2.491	3.373	9.8	20.1
5 21	14 46.81	+16 28.8	2.530	3.369	11.1	20.1
5 31	14 40.78	+16 16.9	2.591	3.366	12.7	20.3
6 10	14 36.17	+15 44.1	2.670	3.362	14.3	20.4

509409 2007 DY_{94} 5 7.0 157.°19 5.°7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 11.89	+12 42.3	4.384	5.179	7.3	20.3
4 11	15 8.54	+13 41.0	4.327	5.180	6.4	20.2
4 21	15 4.35	+14 32.6	4.296	5.181	5.8	20.2
5 1	14 59.64	+15 14.3	4.291	5.181	5.7	20.2
5 11	14 54.75	+15 43.8	4.312	5.182	6.2	20.2
5 21	14 50.02	+15 59.9	4.358	5.182	7.1	20.3
5 31	14 45.80	+16 2.4	4.427	5.182	8.1	20.4
6 10	14 42.35	+15 51.8	4.516	5.183	9.1	20.5

223262 2003 FK_{114} 5 7.0 238.°33 3.°5/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.13	−10 15.0	2.054	2.894	12.8	20.1
4 11	15 16.53	− 9 15.2	1.965	2.882	9.7	19.9
4 21	15 9.91	− 8 10.3	1.899	2.869	6.4	19.7
5 1	15 1.87	− 7 5.0	1.860	2.857	3.7	19.5
5 11	14 53.25	− 6 4.6	1.849	2.843	4.5	19.5
5 21	14 44.95	− 5 14.2	1.866	2.829	7.7	19.7
5 31	14 37.81	− 4 38.0	1.908	2.815	11.2	19.8
6 10	14 32.50	− 4 18.3	1.972	2.801	14.3	20.0

457500 2008 VH_{11} 5 7.0 176.°26 2.°1/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.66	−13 24.1	1.766	2.600	14.8	22.4
4 11	15 20.96	−12 54.3	1.688	2.602	11.2	22.2
4 21	15 12.83	−12 18.5	1.633	2.605	7.2	22.0
5 1	15 2.99	−11 39.8	1.604	2.606	3.1	21.7
5 11	14 52.54	−11 2.7	1.603	2.607	3.2	21.7
5 21	14 42.60	−10 31.7	1.629	2.606	7.4	22.0
5 31	14 34.19	−10 11.0	1.681	2.605	11.4	22.2
6 10	14 28.05	−10 3.0	1.755	2.604	15.0	22.4

141095 2001 XW_{46} 5 7.0 65.°24 2.°7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.29	− 8 23.2	2.155	2.988	12.5	19.2
4 11	15 17.83	− 8 20.3	2.092	3.005	9.4	19.0
4 21	15 10.53	− 8 17.8	2.054	3.023	6.1	18.8
5 1	15 2.05	− 8 17.9	2.042	3.040	3.2	18.7
5 11	14 53.21	− 8 22.9	2.059	3.057	3.5	18.7
5 21	14 44.86	− 8 34.5	2.104	3.075	6.4	18.9
5 31	14 37.75	− 8 54.1	2.175	3.092	9.6	19.2
6 10	14 32.41	− 9 22.0	2.270	3.109	12.3	19.4

92026 1999 VW_{176} 5 7.0 270.°83 6.°3/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.64	−36 9.1	2.519	3.264	13.3	19.2
4 11	15 19.41	−36 59.6	2.418	3.253	11.3	19.1
4 21	15 11.91	−37 35.9	2.339	3.243	9.2	18.9
5 1	15 2.70	−37 54.8	2.285	3.232	7.2	18.8
5 11	14 52.69	−37 55.0	2.256	3.222	6.3	18.7
5 21	14 42.87	−37 37.5	2.255	3.211	7.1	18.7
5 31	14 34.24	−37 5.8	2.280	3.201	9.0	18.8
6 10	14 27.57	−36 25.7	2.329	3.190	11.3	19.0

268267 2005 OQ_{9} 5 7.0 276.°03 2.°1/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.87	−13 24.2	1.755	2.596	14.5	21.2
4 11	15 18.41	−12 56.5	1.656	2.574	11.1	20.9
4 21	15 11.44	−12 22.1	1.579	2.552	7.2	20.7
5 1	15 2.57	−11 43.9	1.527	2.529	3.1	20.3
5 11	14 52.79	−11 6.5	1.503	2.506	3.3	20.3
5 21	14 43.22	−10 34.6	1.505	2.483	7.7	20.5
5 31	14 35.00	−10 12.9	1.531	2.460	12.1	20.7
6 10	14 28.97	−10 4.6	1.579	2.436	16.0	20.9

513086 2017 WS_{21} 5 7.0 238.°42 0.°8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.45	−15 47.3	2.276	3.099	12.3	22.1
4 11	15 18.24	−15 29.0	2.175	3.083	9.4	21.9
4 21	15 11.01	−15 4.3	2.098	3.067	6.0	21.6
5 1	15 2.32	−14 34.9	2.047	3.050	2.3	21.3
5 11	14 52.98	−14 3.6	2.026	3.032	2.0	21.3
5 21	14 43.87	−13 34.0	2.033	3.014	5.8	21.5
5 31	14 35.85	−13 9.6	2.068	2.995	9.5	21.7
6 10	14 29.58	−12 53.6	2.126	2.975	12.7	21.9

141115 2001 XO_{73} 5 7.0 83.°73 0.°8/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.28	−22 19.0	2.243	3.060	12.6	20.2
4 11	15 14.92	−21 45.2	2.166	3.068	9.7	20.0
4 21	15 8.75	−21 0.0	2.112	3.077	6.3	19.9
5 1	15 1.39	−20 5.4	2.084	3.085	2.7	19.6
5 11	14 53.65	−19 5.0	2.085	3.093	1.5	19.5
5 21	14 46.35	−18 3.4	2.115	3.101	5.0	19.8
5 31	14 40.24	−17 5.5	2.171	3.110	8.5	20.0
6 10	14 35.83	−16 15.6	2.251	3.118	11.5	20.2

219530 2001 QE_{171} 5 7.0 132.°28 1.°6/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.43	−23 4.6	2.277	3.080	12.9	21.4
4 11	15 19.53	−23 0.1	2.203	3.096	10.0	21.2
4 21	15 11.66	−22 45.1	2.152	3.111	6.7	21.0
5 1	15 2.50	−22 20.1	2.129	3.126	3.2	20.8
5 11	14 52.94	−21 47.2	2.134	3.140	1.9	20.8
5 21	14 43.87	−21 10.1	2.168	3.153	5.1	21.0
5 31	14 36.10	−20 32.8	2.229	3.166	8.4	21.2
6 10	14 30.21	−19 59.7	2.315	3.178	11.3	21.4

366244 2012 VQ_{73} 5 7.0 64.°83 3.°2/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.21	− 6 59.5	2.108	2.941	12.7	20.9
4 11	15 18.52	− 6 57.3	2.048	2.961	9.7	20.7
4 21	15 10.97	− 6 56.4	2.013	2.981	6.4	20.6
5 1	15 2.23	− 6 59.4	2.005	3.001	3.6	20.4
5 11	14 53.15	− 7 8.5	2.025	3.021	3.9	20.5
5 21	14 44.60	− 7 25.3	2.072	3.040	6.8	20.7
5 31	14 37.34	− 7 50.6	2.147	3.060	9.8	20.9
6 10	14 31.90	− 8 24.7	2.244	3.080	12.6	21.1

265006 2003 EH_{63} 5 7.0 3.°37 2.°4/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.45	−12 56.6	1.442	2.299	16.2	20.1
4 11	15 16.73	−12 31.1	1.372	2.298	12.3	19.8
4 21	15 10.36	−11 59.8	1.322	2.298	7.9	19.6
5 1	15 2.12	−11 26.4	1.297	2.299	3.4	19.3
5 11	14 53.19	−10 56.0	1.296	2.300	3.6	19.3
5 21	14 44.80	−10 33.6	1.320	2.302	8.1	19.6
5 31	14 38.08	−10 23.3	1.368	2.304	12.6	19.8
6 10	14 33.81	−10 27.3	1.436	2.307	16.5	20.1

155700 2000 QE_{67} 5 7.0 255.°10 0.°3/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.88	−17 3.9	2.122	2.945	13.0	20.7
4 11	15 18.79	−16 53.2	2.018	2.926	10.0	20.5
4 21	15 11.50	−16 35.3	1.936	2.905	6.4	20.2
5 1	15 2.57	−16 11.4	1.882	2.884	2.5	19.9
5 11	14 52.87	−15 44.0	1.856	2.863	1.8	19.8
5 21	14 43.36	−15 16.6	1.858	2.841	6.0	20.1
5 31	14 35.00	−14 53.1	1.886	2.818	9.9	20.3
6 10	14 28.54	−14 37.2	1.939	2.795	13.4	20.4

242367 2004 CK_{32} 5 7.0 35.°63 9.°6/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.72	+ 5 36.7	1.700	2.545	14.7	20.5
4 11	15 14.76	+ 7 2.2	1.656	2.557	12.2	20.4
4 21	15 8.74	+ 8 16.5	1.634	2.570	10.3	20.3
5 1	15 1.40	+ 9 11.9	1.636	2.583	9.6	20.3
5 11	14 53.73	+ 9 42.5	1.661	2.597	10.5	20.3
5 21	14 46.64	+ 9 46.1	1.710	2.611	12.5	20.5
5 31	14 40.96	+ 9 23.0	1.779	2.626	14.8	20.7
6 10	14 37.25	+ 8 36.7	1.867	2.641	17.0	20.9

388334 2006 SE_{389} 5 7.0 223.°72 4.°4/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.74	− 3 54.5	2.435	3.271	11.2	21.3
4 11	15 15.11	− 3 13.7	2.355	3.266	8.7	21.1
4 21	15 8.84	− 2 34.4	2.299	3.260	6.2	21.0
5 1	15 1.46	− 2 0.4	2.270	3.255	4.5	20.8
5 11	14 53.66	− 1 35.7	2.270	3.249	5.2	20.9
5 21	14 46.16	− 1 22.8	2.296	3.243	7.5	21.0
5 31	14 39.63	− 1 23.5	2.348	3.237	10.1	21.2
6 10	14 34.61	− 1 38.1	2.423	3.231	12.6	21.3

248980 2007 DW_{115} 5 7.0 304.°13 3.°4/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.55	−28 47.5	2.185	2.981	13.6	20.1
4 11	15 15.47	−28 40.5	2.090	2.973	10.9	19.8
4 21	15 9.32	−28 18.3	2.017	2.964	7.9	19.6
5 1	15 1.70	−27 40.5	1.969	2.956	4.8	19.4
5 11	14 53.49	−26 49.2	1.948	2.948	3.4	19.3
5 21	14 45.63	−25 48.3	1.954	2.940	5.5	19.4
5 31	14 38.99	−24 43.3	1.987	2.932	8.8	19.6
6 10	14 34.25	−23 40.3	2.044	2.924	11.9	19.8

348965 2006 UF_{53} 5 7.0 196.°89 1.°0/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.50	−14 4.8	2.519	3.344	11.2	21.2
4 11	15 16.46	−13 58.9	2.433	3.342	8.5	21.0
4 21	15 9.71	−13 49.2	2.370	3.340	5.4	20.8
5 1	15 1.80	−13 37.3	2.336	3.338	2.1	20.6
5 11	14 53.44	−13 25.4	2.330	3.336	1.9	20.6
5 21	14 45.36	−13 15.8	2.354	3.333	5.2	20.8
5 31	14 38.28	−13 10.8	2.404	3.331	8.4	21.0
6 10	14 32.73	−13 12.4	2.479	3.328	11.1	21.2

15910 Shinkamigoto 5 7.0 320.°62 1.°6/ 6.0 18

4 1	15 19.65	−17 8.0	1.268	2.129	17.8	17.4
4 11	15 16.61	−16 17.6	1.190	2.119	13.6	17.1
4 21	15 10.55	−15 12.5	1.133	2.110	8.7	16.8
5 1	15 2.28	−13 57.2	1.098	2.101	3.4	16.4
5 11	14 53.10	−12 39.4	1.087	2.093	3.4	16.4
5 21	14 44.45	−11 28.0	1.100	2.085	8.8	16.7
5 31	14 37.65	−10 31.2	1.136	2.078	14.0	17.0
6 10	14 33.62	− 9 54.4	1.190	2.071	18.5	17.2

132686 2002 ND_{25} 5 7.0 318.°33 6.°6/ 2.3 18

4 1	15 17.73	− 3 55.6	1.638	2.497	14.5	19.2
4 11	15 14.46	− 2 44.2	1.555	2.478	11.4	18.9
4 21	15 8.87	− 1 32.3	1.495	2.460	8.4	18.7
5 1	15 1.58	− 0 27.1	1.458	2.442	6.6	18.6
5 11	14 53.57	+ 0 24.0	1.447	2.425	7.7	18.6
5 21	14 45.88	+ 0 55.3	1.460	2.408	10.8	18.7
5 31	14 39.53	+ 1 3.4	1.495	2.392	14.4	18.9
6 10	14 35.27	+ 0 48.2	1.550	2.377	17.7	19.1

495879 2004 RG_{177} 5 7.0 300.°35 4.°1/ 9.3 17

4 1	15 21.33	−27 23.1	1.300	2.133	19.1	20.6
4 11	15 18.42	−27 24.7	1.204	2.110	15.5	20.3
4 21	15 12.09	−27 4.6	1.125	2.086	11.1	19.9
5 1	15 3.02	−26 20.2	1.068	2.062	6.4	19.6
5 11	14 52.55	−25 13.0	1.034	2.038	4.3	19.4
5 21	14 42.34	−23 49.3	1.024	2.015	8.2	19.5
5 31	14 34.06	−22 19.8	1.036	1.992	13.5	19.8
6 10	14 28.92	−20 56.2	1.068	1.970	18.5	20.0

336707 2010 CR_{70} 5 7.0 269.°25 7.°0/11.8 17

4 1	15 25.15	−36 28.1	2.040	2.798	15.7	21.2
4 11	15 20.35	−37 1.2	1.934	2.779	13.3	21.0
4 21	15 12.80	−37 15.8	1.848	2.760	10.7	20.8
5 1	15 3.16	−37 7.9	1.785	2.741	8.3	20.6
5 11	14 52.50	−36 36.0	1.748	2.722	7.0	20.5
5 21	14 42.09	−35 42.4	1.736	2.702	8.0	20.5
5 31	14 33.18	−34 32.8	1.750	2.682	10.6	20.6
6 10	14 26.71	−33 15.7	1.787	2.662	13.5	20.8

119354 2001 SR_{232} 5 7.0 325.°38 0.°4/ 6.8 18

4 1	15 22.04	−16 53.1	1.558	2.402	15.9	19.8
4 11	15 17.93	−16 44.5	1.477	2.397	12.2	19.6
4 21	15 11.17	−16 27.2	1.418	2.391	7.8	19.3
5 1	15 2.48	−16 3.1	1.383	2.386	3.0	19.0
5 11	14 53.00	−15 35.9	1.373	2.381	2.2	18.9
5 21	14 43.96	−15 9.9	1.390	2.376	7.1	19.2
5 31	14 36.51	−14 50.2	1.430	2.372	11.7	19.5
6 10	14 31.49	−14 40.5	1.492	2.368	15.7	19.7

214442 2005 QQ_{175} 5 7.0 220.°95 3.°7/ 3.6 17

4 1	15 18.17	− 6 56.7	2.526	3.363	10.8	20.7
4 11	15 13.88	− 6 5.4	2.444	3.358	8.2	20.5
4 21	15 8.04	− 5 13.2	2.388	3.354	5.6	20.4
5 1	15 1.16	− 4 23.7	2.359	3.349	3.8	20.2
5 11	14 53.89	− 3 41.0	2.358	3.344	4.4	20.3
5 21	14 46.92	− 3 8.5	2.385	3.339	6.9	20.4
5 31	14 40.87	− 2 48.6	2.438	3.334	9.6	20.6
6 10	14 36.24	− 2 42.4	2.514	3.328	12.0	20.7

171004 2005 EU_{23} 5 7.0 82.°23 1.°2/ 6.3 18

4 1	15 25.04	−16 26.0	1.488	2.331	16.6	20.1
4 11	15 19.92	−15 52.6	1.431	2.350	12.5	19.9
4 21	15 12.18	−15 9.8	1.396	2.369	7.9	19.7
5 1	15 2.76	−14 21.5	1.385	2.388	3.0	19.4
5 11	14 52.90	−13 32.8	1.401	2.407	2.7	19.4
5 21	14 43.82	−12 49.6	1.442	2.426	7.4	19.8
5 31	14 36.58	−12 16.9	1.508	2.444	11.7	20.0
6 10	14 31.82	−11 58.0	1.596	2.462	15.4	20.3

280640 Ruetsch 5 7.0 207.°27 3.°5/ 4.6 18

4 1	15 21.49	− 8 24.0	2.083	2.922	12.6	20.9
4 11	15 16.72	− 7 48.9	2.004	2.920	9.6	20.7
4 21	15 10.00	− 7 12.4	1.948	2.917	6.4	20.5
5 1	15 1.95	− 6 38.1	1.919	2.915	3.8	20.3
5 11	14 53.39	− 6 10.3	1.918	2.912	4.3	20.3
5 21	14 45.21	− 5 52.1	1.944	2.909	7.4	20.5
5 31	14 38.20	− 5 46.3	1.995	2.906	10.6	20.7
6 10	14 32.99	− 5 53.8	2.069	2.902	13.6	20.9

257360 2009 MA_{1} 5 7.0 306.°73 0.°0/ 6.8 18

	h m	° ′			°	m
4 1	15 17.60	−20 41.2	2.234	3.059	12.4	19.9
4 11	15 13.77	−19 45.9	2.143	3.052	9.5	19.7
4 21	15 8.11	−18 38.5	2.075	3.044	6.1	19.5
5 1	15 1.22	−17 21.7	2.034	3.037	2.3	19.2
5 11	14 53.87	−16 0.2	2.022	3.029	1.6	19.1
5 21	14 46.88	−14 39.5	2.038	3.022	5.4	19.4
5 31	14 40.98	−13 25.2	2.081	3.015	9.0	19.6
6 10	14 36.76	−12 22.1	2.148	3.009	12.2	19.8

414133 2007 VG_{65} 5 7.0 70.°56 0.°3/ 6.8 17

4 1	15 24.91	−16 54.6	1.461	2.305	16.8	21.3
4 11	15 20.07	−16 47.8	1.396	2.314	12.8	21.1
4 21	15 12.46	−16 32.4	1.351	2.324	8.2	20.9
5 1	15 2.94	−16 10.1	1.331	2.334	3.1	20.6
5 11	14 52.78	−15 44.8	1.336	2.344	2.2	20.5
5 21	14 43.29	−15 21.1	1.368	2.354	7.2	20.9
5 31	14 35.64	−15 3.6	1.423	2.364	11.8	21.2
6 10	14 30.57	−14 56.2	1.499	2.374	15.7	21.4

357921 2005 WV_{48} 5 7.0 108.°27 0.°2/ 6.9 18

4 1	15 27.69	−17 40.6	1.479	2.315	17.0	22.3
4 11	15 22.08	−17 28.1	1.416	2.331	12.9	22.1
4 21	15 13.68	−17 5.8	1.374	2.345	8.2	21.8
5 1	15 3.38	−16 35.6	1.357	2.360	3.1	21.5
5 11	14 52.51	−16 1.7	1.366	2.374	2.1	21.5
5 21	14 42.40	−15 29.1	1.401	2.387	7.2	21.8
5 31	14 34.21	−15 3.1	1.461	2.400	11.7	22.1
6 10	14 28.67	−14 47.6	1.543	2.413	15.6	22.4

87851 2000 SD_{218} 5 7.0 125.°09 4.°6/ 3.1 18

4 1	15 21.94	− 5 6.3	2.310	3.144	11.7	20.4
4 11	15 16.66	− 4 1.1	2.251	3.162	9.0	20.3
4 21	15 9.74	− 2 56.7	2.217	3.179	6.3	20.1
5 1	15 1.78	− 1 57.8	2.211	3.195	4.6	20.0
5 11	14 53.56	− 1 9.0	2.233	3.211	5.4	20.1
5 21	14 45.81	− 0 33.9	2.283	3.227	7.7	20.3
5 31	14 39.20	− 0 14.2	2.359	3.241	10.4	20.5
6 10	14 34.20	− 0 10.4	2.456	3.255	12.7	20.7

205311 2000 TS_{12} 5 7.0 56.°77 1.°7/ 7.4 18

4 1	15 41.39	−15 9.4	1.232	2.061	20.2	18.6
4 11	15 32.90	−16 47.9	1.184	2.093	15.4	18.4
4 21	15 20.74	−18 23.0	1.158	2.125	10.0	18.2
5 1	15 6.09	−19 49.4	1.157	2.158	4.2	18.0
5 11	14 50.78	−21 3.5	1.183	2.190	2.7	18.0
5 21	14 36.70	−22 4.2	1.237	2.223	7.9	18.4
5 31	14 25.37	−22 54.2	1.315	2.255	12.7	18.7
6 10	14 17.62	−23 38.3	1.416	2.287	16.7	19.0

468521 2005 UT_{157} 5 7.0 174.°51 0.°9/ 7.6 17

4 1	15 26.97	−19 0.4	2.101	2.915	13.4	22.1
4 11	15 21.02	−19 17.4	2.016	2.918	10.4	21.9
4 21	15 12.83	−19 27.4	1.955	2.919	6.8	21.7
5 1	15 3.07	−19 30.4	1.920	2.921	2.9	21.4
5 11	14 52.67	−19 27.8	1.914	2.922	1.7	21.4
5 21	14 42.64	−19 21.6	1.937	2.922	5.6	21.6
5 31	14 33.93	−19 15.2	1.987	2.922	9.3	21.8
6 10	14 27.25	−19 12.1	2.060	2.921	12.6	22.0

471270 2011 FU_{3} 5 7.0 93.°37 6.°1/ 2.5 17

4 1	15 21.23	− 3 24.0	1.825	2.672	13.8	21.1
4 11	15 16.56	− 2 9.1	1.770	2.685	10.7	21.0
4 21	15 9.86	− 0 56.5	1.737	2.698	7.8	20.8
5 1	15 1.87	+ 0 7.3	1.731	2.711	6.1	20.7
5 11	14 53.52	+ 0 56.5	1.751	2.724	7.1	20.8
5 21	14 45.74	+ 1 26.8	1.796	2.737	9.7	21.0
5 31	14 39.33	+ 1 36.7	1.866	2.749	12.6	21.2
6 10	14 34.86	+ 1 26.7	1.955	2.762	15.2	21.4

101068 1998 RO_{14} 5 7.0 292.°93 0.°6/ 7.4 18

4 1	15 21.25	−19 39.2	1.863	2.693	14.3	20.1
4 11	15 17.14	−19 30.6	1.762	2.672	11.1	19.9
4 21	15 10.63	−19 11.9	1.683	2.651	7.3	19.6
5 1	15 2.32	−18 44.0	1.629	2.630	3.0	19.3
5 11	14 53.16	−18 9.5	1.601	2.609	1.8	19.1
5 21	14 44.21	−17 32.6	1.601	2.588	6.3	19.4
5 31	14 36.55	−16 58.2	1.626	2.567	10.6	19.6
6 10	14 30.99	−16 31.3	1.673	2.546	14.4	19.8

244612 2003 AO_{19} 5 7.0 157.°79 1.°9/ 5.7 18

4 1	15 21.82	−11 20.3	2.365	3.195	11.6	20.5
4 11	15 16.75	−11 6.6	2.286	3.198	8.8	20.3
4 21	15 9.92	−10 50.5	2.231	3.201	5.6	20.1
5 1	15 1.92	−10 34.2	2.203	3.203	2.6	19.9
5 11	14 53.48	−10 20.5	2.204	3.206	2.8	19.9
5 21	14 45.39	−10 11.9	2.234	3.208	5.9	20.1
5 31	14 38.37	−10 10.5	2.290	3.210	9.0	20.3
6 10	14 32.97	−10 17.7	2.370	3.212	11.8	20.5

42633 1998 FW_{58} 5 7.0 133.°98 3.°5/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.98	−24 39.6	1.622	2.437	16.7	18.7
4 11	15 22.52	−25 12.7	1.545	2.441	13.3	18.5
4 21	15 14.14	−25 32.9	1.489	2.446	9.2	18.2
5 1	15 3.66	−25 38.3	1.457	2.450	5.2	18.0
5 11	14 52.33	−25 29.3	1.451	2.454	3.7	17.9
5 21	14 41.52	−25 9.1	1.472	2.458	6.9	18.1
5 31	14 32.52	−24 43.1	1.518	2.462	11.0	18.3
6 10	14 26.20	−24 17.8	1.586	2.465	14.7	18.6

140921 2001 VS_{65} 5 7.1 251.°27 1.°0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.37	−19 54.2	2.321	3.136	12.3	19.8
4 11	15 17.42	−20 4.5	2.228	3.130	9.5	19.6
4 21	15 10.50	−20 7.6	2.159	3.123	6.2	19.4
5 1	15 2.19	−20 3.8	2.116	3.116	2.7	19.2
5 11	14 53.29	−19 54.4	2.102	3.109	1.6	19.1
5 21	14 44.65	−19 41.9	2.116	3.102	5.1	19.3
5 31	14 37.10	−19 29.2	2.157	3.095	8.6	19.5
6 10	14 31.30	−19 19.8	2.223	3.088	11.6	19.7

212708 2007 RW_{24} 5 7.1 219.°92 3.°9/ 4.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.73	−10 10.0	1.686	2.531	14.8	21.7
4 11	15 18.93	− 9 12.8	1.605	2.525	11.3	21.4
4 21	15 11.68	− 8 10.3	1.546	2.518	7.5	21.2
5 1	15 2.68	− 7 7.8	1.513	2.510	4.3	21.0
5 11	14 53.00	− 6 11.6	1.507	2.502	5.0	21.0
5 21	14 43.75	− 5 27.6	1.527	2.494	8.8	21.2
5 31	14 35.97	− 5 0.2	1.572	2.485	12.8	21.4
6 10	14 30.43	− 4 51.3	1.637	2.476	16.3	21.6

185136 2006 ST_{120} 5 7.1 149.°53 2.°4/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.86	−11 32.1	2.023	2.855	13.2	21.1
4 11	15 19.25	−11 1.5	1.951	2.864	10.0	20.9
4 21	15 11.60	−10 27.2	1.902	2.872	6.4	20.7
5 1	15 2.58	− 9 52.5	1.880	2.880	3.1	20.5
5 11	14 53.11	− 9 21.3	1.887	2.888	3.4	20.5
5 21	14 44.12	− 8 57.2	1.922	2.894	6.8	20.7
5 31	14 36.46	− 8 43.1	1.983	2.901	10.3	21.0
6 10	14 30.74	− 8 41.0	2.067	2.906	13.4	21.2

289725 2005 JR_{17} 5 7.1 308.°72 5.°1/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.82	− 8 35.5	1.426	2.288	16.1	20.3
4 11	15 16.41	− 7 32.4	1.346	2.274	12.4	20.1
4 21	15 10.30	− 6 24.4	1.287	2.261	8.4	19.8
5 1	15 2.22	− 5 18.3	1.252	2.247	5.4	19.6
5 11	14 53.29	− 4 21.8	1.242	2.234	6.4	19.6
5 21	14 44.77	− 3 41.8	1.255	2.222	10.3	19.8
5 31	14 37.84	− 3 23.0	1.291	2.209	14.6	20.0
6 10	14 33.36	− 3 26.9	1.346	2.198	18.5	20.2

272512 2005 UB_{200} 5 7.1 81.°00 0.°7/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.19	−17 39.4	1.730	2.567	14.9	21.4
4 11	15 17.57	−17 5.7	1.663	2.579	11.3	21.2
4 21	15 10.66	−16 22.3	1.619	2.591	7.1	20.9
5 1	15 2.24	−15 32.2	1.599	2.602	2.7	20.7
5 11	14 53.35	−14 40.2	1.607	2.614	2.1	20.7
5 21	14 45.06	−13 51.5	1.642	2.626	6.5	21.0
5 31	14 38.29	−13 11.3	1.702	2.638	10.6	21.2
6 10	14 33.68	−12 43.1	1.784	2.649	14.0	21.5

498136 2007 TT_{44} 5 7.1 275.°35 2.°3/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.59	−14 57.3	1.543	2.390	15.9	22.1
4 11	15 18.56	−14 5.8	1.446	2.368	12.2	21.8
4 21	15 11.75	−13 2.7	1.371	2.345	7.8	21.5
5 1	15 2.82	−11 52.0	1.320	2.322	3.4	21.2
5 11	14 52.88	−10 40.0	1.295	2.299	3.8	21.1
5 21	14 43.20	− 9 34.4	1.296	2.275	8.6	21.3
5 31	14 35.04	− 8 42.2	1.321	2.251	13.5	21.5
6 10	14 29.35	− 8 8.5	1.366	2.227	17.8	21.7

275926 2001 TG_{240} 5 7.1 216.°69 0.°9/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.02	−20 59.9	2.172	2.985	13.1	22.2
4 11	15 18.80	−20 48.6	2.077	2.978	10.1	22.0
4 21	15 11.46	−20 27.3	2.005	2.969	6.7	21.8
5 1	15 2.59	−19 56.7	1.960	2.960	2.9	21.5
5 11	14 53.10	−19 19.3	1.943	2.951	1.6	21.4
5 21	14 43.92	−18 38.8	1.955	2.941	5.5	21.6
5 31	14 35.95	−17 59.8	1.993	2.930	9.2	21.8
6 10	14 29.89	−17 26.6	2.056	2.918	12.5	22.0

102343 1999 TP_{120} 5 7.1 219.°47 1.°4/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.38	−22 6.9	1.955	2.770	14.3	20.5
4 11	15 20.10	−21 59.0	1.861	2.761	11.2	20.2
4 21	15 12.42	−21 39.3	1.789	2.752	7.4	20.0
5 1	15 3.00	−21 8.4	1.743	2.743	3.4	19.7
5 11	14 52.83	−20 28.5	1.725	2.732	1.9	19.6
5 21	14 43.01	−19 43.8	1.735	2.722	5.9	19.8
5 31	14 34.56	−18 59.7	1.771	2.710	10.0	20.1
6 10	14 28.27	−18 21.5	1.831	2.698	13.6	20.3

166701 2002 TJ_{175} 5 7.1 151.°24 3.°7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.35	− 6 34.5	2.515	3.347	10.9	20.8
4 11	15 15.47	− 5 48.9	2.443	3.355	8.3	20.6
4 21	15 9.03	− 5 3.2	2.397	3.361	5.7	20.5
5 1	15 1.58	− 4 20.9	2.378	3.368	3.8	20.4
5 11	14 53.80	− 3 45.9	2.387	3.374	4.4	20.4
5 21	14 46.38	− 3 21.0	2.425	3.379	6.8	20.6
5 31	14 39.95	− 3 8.2	2.490	3.385	9.4	20.8
6 10	14 35.00	− 3 8.3	2.577	3.389	11.8	20.9

342985 2009 BY_{48} 5 7.1 128.°46 6.°0/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.22	− 0 34.4	2.191	3.028	12.2	20.8
4 11	15 15.58	+ 0 21.2	2.126	3.033	9.6	20.7
4 21	15 9.20	+ 1 12.7	2.085	3.038	7.3	20.5
5 1	15 1.66	+ 1 55.0	2.069	3.042	6.0	20.5
5 11	14 53.76	+ 2 23.7	2.081	3.047	6.8	20.5
5 21	14 46.26	+ 2 35.9	2.120	3.051	8.9	20.7
5 31	14 39.88	+ 2 30.5	2.182	3.055	11.5	20.8
6 10	14 35.14	+ 2 8.3	2.266	3.059	13.8	21.0

467092 2016 EU_9 5 7.1 116.°62 0.°4/ 6.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.72	−16 20.9	1.619	2.453	15.9	21.8
4 11	15 21.96	−16 18.6	1.552	2.465	12.1	21.5
4 21	15 13.57	−16 9.0	1.507	2.478	7.7	21.3
5 1	15 3.40	−15 53.5	1.487	2.490	2.9	21.0
5 11	14 52.64	−15 35.3	1.494	2.501	2.1	21.0
5 21	14 42.52	−15 18.2	1.527	2.512	6.8	21.3
5 31	14 34.15	−15 6.4	1.587	2.523	11.2	21.6
6 10	14 28.25	−15 3.0	1.668	2.533	14.8	21.9

319462 2006 OB_4 5 7.1 285.°90 4.°7/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.71	− 9 11.3	1.559	2.412	15.4	20.9
4 11	15 17.81	− 8 12.3	1.464	2.388	11.9	20.6
4 21	15 11.24	− 7 7.2	1.392	2.364	8.0	20.4
5 1	15 2.64	− 6 1.9	1.344	2.340	4.9	20.1
5 11	14 53.05	− 5 3.6	1.321	2.315	5.9	20.1
5 21	14 43.71	− 4 19.1	1.324	2.290	9.9	20.3
5 31	14 35.80	− 3 53.8	1.349	2.265	14.3	20.4
6 10	14 30.26	− 3 50.0	1.395	2.240	18.3	20.6

64173 2001 TP_{58} 5 7.1 143.°80 0.°4/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.12	−17 54.9	1.982	2.809	13.7	20.3
4 11	15 18.07	−17 25.0	1.906	2.817	10.4	20.1
4 21	15 10.92	−16 46.2	1.854	2.824	6.6	19.9
5 1	15 2.36	−16 0.7	1.827	2.830	2.5	19.6
5 11	14 53.32	−15 12.6	1.829	2.836	1.9	19.6
5 21	14 44.76	−14 26.4	1.859	2.842	6.0	19.9
5 31	14 37.57	−13 46.7	1.915	2.848	9.8	20.1
6 10	14 32.34	−13 17.2	1.994	2.853	13.0	20.3

464482 2016 BS_{54} 5 7.1 15.°05 5.°4/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.67	−28 11.1	0.970	1.828	22.2	20.2
4 11	15 15.16	−28 32.0	0.916	1.835	17.8	20.0
4 21	15 9.98	−28 27.3	0.879	1.843	12.8	19.7
5 1	15 2.16	−27 55.2	0.860	1.853	7.8	19.5
5 11	14 53.45	−26 59.5	0.862	1.864	5.4	19.4
5 21	14 45.66	−25 48.6	0.884	1.878	8.7	19.6
5 31	14 40.34	−24 34.3	0.928	1.893	13.5	19.9
6 10	14 38.36	−23 27.5	0.990	1.909	18.0	20.2

50465 2000 DW_{64} 5 7.1 39.°72 4.°1/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.62	−10 41.3	1.399	2.260	16.4	18.9
4 11	15 16.78	− 9 41.4	1.340	2.268	12.4	18.7
4 21	15 10.34	− 8 36.4	1.302	2.277	8.1	18.4
5 1	15 2.17	− 7 32.9	1.288	2.286	4.5	18.2
5 11	14 53.46	− 6 37.9	1.299	2.296	5.3	18.3
5 21	14 45.42	− 5 57.6	1.334	2.306	9.3	18.6
5 31	14 39.11	− 5 35.9	1.392	2.316	13.4	18.8
6 10	14 35.21	− 5 34.1	1.470	2.327	16.9	19.1

503873 2000 SQ_{164} 5 7.1 229.°20 4.°7/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.79	−30 44.5	2.482	3.246	13.0	22.7
4 11	15 22.54	−31 25.2	2.374	3.232	10.7	22.5
4 21	15 13.97	−31 54.0	2.289	3.217	8.1	22.3
5 1	15 3.63	−32 8.2	2.230	3.202	5.7	22.1
5 11	14 52.42	−32 6.8	2.199	3.186	4.7	22.0
5 21	14 41.34	−31 51.0	2.197	3.169	6.2	22.1
5 31	14 31.43	−31 24.4	2.223	3.151	8.8	22.2
6 10	14 23.48	−30 52.2	2.273	3.132	11.6	22.4

283086 2008 TB_{21} 5 7.1 258.°48 1.°0/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.20	−19 50.3	1.954	2.777	14.0	21.4
4 11	15 18.38	−19 56.4	1.867	2.773	10.8	21.1
4 21	15 11.29	−19 53.8	1.802	2.769	7.1	20.9
5 1	15 2.56	−19 43.0	1.764	2.764	3.0	20.6
5 11	14 53.16	−19 25.9	1.752	2.760	1.7	20.5
5 21	14 44.10	−19 5.8	1.768	2.756	5.8	20.8
5 31	14 36.37	−18 46.5	1.811	2.751	9.7	21.0
6 10	14 30.70	−18 32.1	1.876	2.747	13.2	21.2

5672 Libby 5 7.1 52.°26 6.°0/ 3.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.68	− 7 0.7	1.466	2.325	15.9	16.6
4 11	15 16.72	− 5 35.0	1.404	2.330	12.2	16.4
4 21	15 10.28	− 4 6.8	1.364	2.334	8.5	16.2
5 1	15 2.15	− 2 44.2	1.349	2.339	6.1	16.1
5 11	14 53.47	− 1 35.5	1.359	2.344	7.2	16.1
5 21	14 45.42	− 0 47.3	1.393	2.349	10.6	16.3
5 31	14 38.99	− 0 23.0	1.450	2.354	14.3	16.6
6 10	14 34.88	− 0 22.7	1.526	2.359	17.6	16.8

89358 2001 VA_{80} 5 7.1 224.°36 2.°6/ 5.7 18

4 1	15 26.39	−11 40.5	1.626	2.467	15.5	19.3
4 11	15 21.15	−11 21.9	1.543	2.461	11.9	19.0
4 21	15 13.22	−10 59.3	1.482	2.454	7.7	18.8
5 1	15 3.35	−10 35.7	1.445	2.446	3.5	18.5
5 11	14 52.65	−10 15.3	1.436	2.438	3.7	18.5
5 21	14 42.37	−10 2.1	1.453	2.430	8.0	18.7
5 31	14 33.66	− 9 59.8	1.494	2.421	12.4	18.9
6 10	14 27.37	−10 10.4	1.557	2.412	16.2	19.2

428890 2008 UD_{337} 5 7.1 272.°04 1.°0/ 7.7 15

4 1	15 23.29	−20 5.4	1.995	2.817	13.8	21.7
4 11	15 18.56	−20 9.9	1.895	2.800	10.7	21.5
4 21	15 11.49	−20 5.5	1.817	2.783	7.1	21.2
5 1	15 2.69	−19 52.5	1.764	2.765	3.1	21.0
5 11	14 53.06	−19 32.8	1.739	2.747	1.8	20.8
5 21	14 43.65	−19 9.3	1.742	2.729	5.9	21.1
5 31	14 35.48	−18 46.4	1.771	2.711	10.0	21.3
6 10	14 29.34	−18 28.3	1.823	2.693	13.6	21.4

351495 2005 QZ_{149} 5 7.1 188.°96 3.°4/ 9.7 16

4 1	15 22.90	−28 9.7	2.599	3.382	12.0	21.2
4 11	15 17.72	−28 33.2	2.508	3.381	9.7	21.1
4 21	15 10.67	−28 45.7	2.439	3.380	7.0	20.9
5 1	15 2.29	−28 46.2	2.397	3.379	4.5	20.7
5 11	14 53.36	−28 35.1	2.383	3.378	3.4	20.7
5 21	14 44.71	−28 14.4	2.397	3.377	5.1	20.8
5 31	14 37.13	−27 47.6	2.439	3.376	7.8	20.9
6 10	14 31.23	−27 18.9	2.506	3.374	10.4	21.1

451991 2014 OX_{13} 5 7.1 189.°72 0.°7/ 6.2 18

4 1	15 15.51	−14 52.5	4.017	4.833	7.5	22.3
4 11	15 11.39	−14 33.5	3.926	4.832	5.6	22.1
4 21	15 6.28	−14 11.4	3.861	4.830	3.6	22.0
5 1	15 0.52	−13 47.4	3.826	4.828	1.4	21.8
5 11	14 54.53	−13 23.3	3.820	4.826	1.3	21.8
5 21	14 48.70	−13 0.8	3.845	4.823	3.5	22.0
5 31	14 43.45	−12 41.6	3.898	4.820	5.6	22.1
6 10	14 39.10	−12 27.3	3.978	4.817	7.5	22.3

520353 2014 GO_{63} 5 7.1 204.°01 1.°3/ 7.9 18

4 1	15 25.20	−20 13.9	2.784	3.583	10.9	21.4
4 11	15 19.26	−20 44.2	2.688	3.580	8.4	21.2
4 21	15 11.58	−21 9.0	2.618	3.577	5.6	21.0
5 1	15 2.64	−21 27.8	2.576	3.574	2.6	20.8
5 11	14 53.15	−21 41.0	2.564	3.570	1.7	20.7
5 21	14 43.87	−21 49.8	2.582	3.566	4.5	20.9
5 31	14 35.53	−21 56.0	2.629	3.562	7.4	21.1
6 10	14 28.71	−22 2.4	2.702	3.558	10.1	21.3

392611 2011 SH_{258} 5 7.1 298.°99 0.°9/ 6.3 17

4 1	15 18.16	−17 20.1	2.163	2.996	12.5	20.9
4 11	15 14.27	−16 33.6	2.075	2.989	9.5	20.7
4 21	15 8.50	−15 37.9	2.011	2.982	6.0	20.5
5 1	15 1.46	−14 36.0	1.973	2.976	2.3	20.2
5 11	14 53.94	−13 32.2	1.963	2.969	2.1	20.2
5 21	14 46.75	−12 31.6	1.981	2.963	5.9	20.4
5 31	14 40.67	−11 38.9	2.026	2.956	9.4	20.6
6 10	14 36.30	−10 57.7	2.094	2.950	12.6	20.8

333644 2008 QZ_{37} 5 7.1 212.°43 1.°8/ 8.4 18

4 1	15 23.89	−23 16.5	2.320	3.124	12.7	21.9
4 11	15 18.62	−23 18.9	2.225	3.117	9.9	21.6
4 21	15 11.32	−23 11.1	2.153	3.111	6.7	21.4
5 1	15 2.57	−22 53.2	2.107	3.104	3.4	21.2
5 11	14 53.21	−22 26.7	2.090	3.096	2.1	21.1
5 21	14 44.14	−21 54.5	2.102	3.088	5.1	21.3
5 31	14 36.23	−21 20.8	2.141	3.079	8.6	21.5
6 10	14 30.14	−20 49.9	2.204	3.070	11.7	21.7

257336 Noeliasanchez 5 7.1 315.°74 7.°6/ 3.6 17

4 1	15 27.63	+ 5 58.5	2.044	2.861	13.7	19.6
4 11	15 21.53	+ 6 2.3	1.958	2.845	11.3	19.4
4 21	15 13.21	+ 5 54.2	1.893	2.830	9.0	19.3
5 1	15 3.31	+ 5 29.6	1.855	2.815	7.7	19.1
5 11	14 52.73	+ 4 45.5	1.843	2.801	8.1	19.1
5 21	14 42.48	+ 3 41.4	1.859	2.786	10.2	19.2
5 31	14 33.48	+ 2 18.9	1.901	2.772	13.0	19.4
6 10	14 26.46	+ 0 41.2	1.965	2.759	15.6	19.5

173591 2001 DH_{24} 5 7.1 79.°45 1.°0/ 6.6 18

	h m	° ′			°	m
4 1	15 25.23	−15 35.8	1.495	2.338	16.5	20.3
4 11	15 20.25	−15 24.0	1.430	2.349	12.5	20.1
4 21	15 12.57	−15 4.7	1.387	2.360	7.9	19.8
5 1	15 3.06	−14 40.4	1.368	2.371	3.0	19.6
5 11	14 52.94	−14 15.0	1.376	2.382	2.5	19.5
5 21	14 43.50	−13 52.9	1.409	2.393	7.3	19.9
5 31	14 35.84	−13 38.6	1.466	2.404	11.7	20.2
6 10	14 30.71	−13 35.2	1.545	2.415	15.6	20.4

59382 1999 FP_6 5 7.1 27.°03 1.°0/ 6.5 17

4 1	15 20.81	−16 46.0	1.504	2.354	16.1	19.8
4 11	15 16.93	−16 17.4	1.436	2.358	12.2	19.6
4 21	15 10.49	−15 39.0	1.389	2.363	7.8	19.3
5 1	15 2.27	−14 54.1	1.365	2.369	2.9	19.1
5 11	14 53.44	−14 7.6	1.368	2.375	2.5	19.0
5 21	14 45.20	−13 25.4	1.396	2.381	7.3	19.3
5 31	14 38.62	−12 52.6	1.448	2.388	11.7	19.6
6 10	14 34.41	−12 33.1	1.520	2.395	15.5	19.9

432889 2011 LR_{13} 5 7.1 329.°62 6.°6/ 3.9 17

4 1	15 23.03	− 1 5.4	1.603	2.452	15.3	19.9
4 11	15 18.56	− 0 44.9	1.525	2.440	12.1	19.7
4 21	15 11.56	− 0 30.9	1.467	2.429	8.9	19.5
5 1	15 2.72	− 0 28.9	1.434	2.418	6.7	19.3
5 11	14 53.12	− 0 43.1	1.426	2.408	7.4	19.3
5 21	14 43.89	− 1 16.0	1.443	2.398	10.3	19.5
5 31	14 36.15	− 2 7.6	1.483	2.389	13.9	19.6
6 10	14 30.69	− 3 15.9	1.544	2.381	17.2	19.8

51992 2001 TX_{37} 5 7.1 222.°08 0.°5/ 7.4 18

4 1	15 25.82	−18 21.5	2.123	2.940	13.2	18.5
4 11	15 20.25	−18 29.1	2.029	2.932	10.2	18.3
4 21	15 12.45	−18 29.7	1.957	2.923	6.6	18.1
5 1	15 3.04	−18 23.9	1.913	2.914	2.7	17.8
5 11	14 52.91	−18 13.2	1.896	2.904	1.6	17.7
5 21	14 43.05	−18 0.2	1.909	2.894	5.7	18.0
5 31	14 34.42	−17 48.5	1.948	2.883	9.5	18.2
6 10	14 27.76	−17 41.3	2.011	2.872	12.9	18.4

340746 2006 SO_{232} 5 7.1 97.°51 0.°3/ 7.3 17

4 1	15 20.20	−19 50.9	2.283	3.104	12.3	21.2
4 11	15 15.63	−19 26.3	2.208	3.114	9.4	21.0
4 21	15 9.26	−18 52.8	2.157	3.124	6.0	20.8
5 1	15 1.73	−18 12.3	2.132	3.134	2.4	20.6
5 11	14 53.81	−17 27.8	2.135	3.143	1.4	20.5
5 21	14 46.32	−16 43.3	2.167	3.153	5.0	20.8
5 31	14 39.97	−16 2.8	2.226	3.162	8.4	21.0
6 10	14 35.31	−15 29.9	2.309	3.172	11.4	21.2

214910 2007 TP_{181} 5 7.1 212.°86 2.°5/ 3.6 18

4 1	15 14.81	− 5 23.1	4.264	5.089	6.9	22.1
4 11	15 10.81	− 4 50.7	4.175	5.081	5.3	22.0
4 21	15 5.90	− 4 18.8	4.111	5.072	3.7	21.8
5 1	15 0.40	− 3 49.1	4.077	5.064	2.6	21.8
5 11	14 54.67	− 3 23.9	4.073	5.055	3.0	21.8
5 21	14 49.09	− 3 4.7	4.098	5.045	4.5	21.9
5 31	14 44.02	− 2 52.7	4.150	5.035	6.2	22.0
6 10	14 39.76	− 2 48.7	4.228	5.025	7.8	22.1

433994 2000 QH_{94} 5 7.1 271.°94 3.°6/ 3.7 16

4 1	15 18.99	− 8 19.7	2.429	3.266	11.1	21.5
4 11	15 14.75	− 7 20.6	2.328	3.242	8.6	21.3
4 21	15 8.79	− 6 17.9	2.251	3.218	5.8	21.1
5 1	15 1.60	− 5 15.8	2.201	3.194	3.8	20.9
5 11	14 53.86	− 4 19.0	2.181	3.169	4.5	20.9
5 21	14 46.30	− 3 31.8	2.188	3.144	7.2	21.0
5 31	14 39.66	− 2 57.8	2.221	3.119	10.3	21.2
6 10	14 34.51	− 2 38.8	2.277	3.093	13.1	21.3

232510 2003 QR_{76} 5 7.1 278.°68 1.°7/ 8.3 17

4 1	15 21.59	−23 12.4	1.931	2.750	14.3	20.2
4 11	15 17.34	−23 3.2	1.832	2.734	11.2	20.0
4 21	15 10.74	−22 41.2	1.756	2.719	7.6	19.7
5 1	15 2.42	−22 6.8	1.705	2.703	3.6	19.5
5 11	14 53.32	−21 22.4	1.680	2.687	2.1	19.3
5 21	14 44.51	−20 32.2	1.683	2.672	5.9	19.5
5 31	14 37.02	−19 41.9	1.712	2.656	10.0	19.7
6 10	14 31.61	−18 57.2	1.764	2.640	13.7	19.9

504243 2006 UY_{267} 5 7.1 111.°48 2.°8/10.2 18

4 1	15 21.85	−30 55.7	2.712	3.483	11.9	21.4
4 11	15 16.59	−30 13.4	2.633	3.500	9.5	21.2
4 21	15 9.72	−29 15.9	2.577	3.516	6.8	21.1
5 1	15 1.86	−28 4.3	2.548	3.532	4.1	20.9
5 11	14 53.77	−26 41.7	2.548	3.548	2.8	20.9
5 21	14 46.17	−25 12.8	2.579	3.563	4.5	21.0
5 31	14 39.73	−23 43.0	2.639	3.578	7.1	21.2
6 10	14 34.89	−22 17.9	2.725	3.592	9.7	21.4

9422 Kuboniwa 5 7.1 146.°39 0.°3/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.24	−19 9.3	1.951	2.773	14.1	18.6
4 11	15 19.75	−18 54.7	1.875	2.781	10.8	18.4
4 21	15 12.05	−18 30.7	1.822	2.789	6.9	18.1
5 1	15 2.84	−17 58.9	1.795	2.797	2.7	17.9
5 11	14 53.11	−17 22.4	1.796	2.804	1.6	17.8
5 21	14 43.89	−16 45.3	1.825	2.811	5.9	18.1
5 31	14 36.09	−16 12.1	1.881	2.817	9.7	18.4
6 10	14 30.37	−15 46.8	1.960	2.822	13.1	18.6

405826 2006 BW_{137} 5 7.1 52.°24 0.°6/ 7.4 16

4 1	15 23.89	−20 11.9	1.333	2.178	18.0	21.3
4 11	15 19.70	−19 57.5	1.264	2.182	13.9	21.1
4 21	15 12.47	−19 29.2	1.215	2.187	9.0	20.8
5 1	15 3.10	−18 48.9	1.189	2.191	3.7	20.5
5 11	14 52.95	−18 1.0	1.188	2.196	2.1	20.4
5 21	14 43.48	−17 12.0	1.211	2.201	7.5	20.8
5 31	14 35.98	−16 29.0	1.259	2.206	12.4	21.1
6 10	14 31.29	−15 57.7	1.326	2.211	16.7	21.3

73862 Mochigasechugaku 5 7.1 127.°64 2.°3/ 5.9 18

4 1	15 26.00	−11 54.1	1.651	2.492	15.3	19.9
4 11	15 20.63	−11 39.0	1.581	2.499	11.6	19.7
4 21	15 12.75	−11 20.2	1.533	2.505	7.4	19.5
5 1	15 3.14	−11 0.7	1.510	2.512	3.3	19.2
5 11	14 52.93	−10 44.2	1.514	2.518	3.4	19.2
5 21	14 43.28	−10 34.4	1.545	2.524	7.5	19.5
5 31	14 35.24	−10 34.4	1.601	2.529	11.6	19.7
6 10	14 29.54	−10 45.8	1.679	2.534	15.2	20.0

138876 2000 XA_{45} 5 7.1 124.°92 5.°9/11.7 18 R

4 1	15 28.56	−36 54.5	2.850	3.576	12.4	19.9
4 11	15 22.06	−37 51.1	2.767	3.588	10.5	19.8
4 21	15 13.48	−38 34.0	2.707	3.600	8.5	19.6
5 1	15 3.42	−39 0.3	2.673	3.612	6.7	19.5
5 11	14 52.73	−39 8.8	2.666	3.624	5.9	19.5
5 21	14 42.35	−39 0.7	2.687	3.635	6.5	19.5
5 31	14 33.15	−38 39.1	2.736	3.646	8.1	19.7
6 10	14 25.80	−38 9.2	2.809	3.657	10.0	19.8

305457 2008 DC_{10} 5 7.1 286.°17 0.°4/ 7.4 16

4 1	15 19.67	−19 37.2	2.210	3.034	12.5	21.2
4 11	15 15.49	−19 21.1	2.115	3.023	9.6	21.0
4 21	15 9.36	−18 55.9	2.043	3.011	6.3	20.7
5 1	15 1.85	−18 23.1	1.998	3.000	2.5	20.5
5 11	14 53.76	−17 45.3	1.980	2.988	1.5	20.4
5 21	14 45.94	−17 6.4	1.991	2.977	5.3	20.6
5 31	14 39.23	−16 30.4	2.028	2.966	9.0	20.8
6 10	14 34.26	−16 1.2	2.088	2.955	12.2	21.0

46835 1998 QR_{11} 5 7.1 299.°81 2.°3/ 8.4 18

4 1	15 21.68	−23 34.6	1.485	2.319	17.1	18.9
4 11	15 18.21	−23 32.0	1.387	2.297	13.5	18.6
4 21	15 11.75	−23 13.4	1.309	2.275	9.3	18.3
5 1	15 2.95	−22 38.4	1.254	2.252	4.6	18.0
5 11	14 52.99	−21 49.4	1.223	2.230	2.7	17.8
5 21	14 43.27	−20 51.6	1.218	2.208	7.3	18.0
5 31	14 35.19	−19 52.9	1.236	2.187	12.3	18.2
6 10	14 29.81	−19 1.3	1.275	2.166	16.9	18.4

347434 2012 TC_{37} 5 7.1 288.°74 0.°9/ 6.4 17

4 1	15 20.32	−16 42.2	1.893	2.730	13.8	21.2
4 11	15 16.18	−16 9.2	1.809	2.725	10.5	20.9
4 21	15 9.88	−15 27.3	1.747	2.719	6.7	20.7
5 1	15 2.06	−14 39.4	1.711	2.714	2.6	20.4
5 11	14 53.64	−13 49.7	1.702	2.709	2.2	20.4
5 21	14 45.61	−13 3.1	1.720	2.703	6.4	20.6
5 31	14 38.88	−12 24.4	1.764	2.698	10.4	20.9
6 10	14 34.12	−11 57.3	1.830	2.693	13.9	21.1

151641 2002 XM_{38} 5 7.1 119.°89 3.°9/10.3 18

4 1	15 22.05	−30 25.9	2.279	3.062	13.5	20.1
4 11	15 17.29	−30 30.3	2.195	3.067	10.9	19.9
4 21	15 10.47	−30 19.6	2.133	3.072	8.0	19.7
5 1	15 2.25	−29 53.3	2.096	3.076	5.3	19.6
5 11	14 53.53	−29 12.8	2.086	3.081	3.9	19.5
5 21	14 45.23	−28 21.4	2.104	3.085	5.6	19.6
5 31	14 38.20	−27 24.4	2.149	3.090	8.4	19.8
6 10	14 33.07	−26 27.6	2.218	3.094	11.2	20.0

377938 2006 HB_{58} 5 7.1 45.°82 4.°5/ 4.7 17

4 1	15 23.09	− 6 3.1	1.644	2.493	15.0	20.0
4 11	15 18.26	− 5 40.5	1.587	2.506	11.5	19.8
4 21	15 11.13	− 5 19.8	1.551	2.520	7.7	19.6
5 1	15 2.49	− 5 5.3	1.540	2.534	4.8	19.5
5 11	14 53.41	− 5 1.0	1.556	2.548	5.4	19.5
5 21	14 44.94	− 5 9.3	1.597	2.563	8.6	19.7
5 31	14 38.02	− 5 31.5	1.662	2.578	12.1	20.0
6 10	14 33.28	− 6 7.1	1.749	2.593	15.2	20.2

222625 2001 XO_{95} 5 7.1 162.°69 0.°7/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.90	−20 54.3	2.265	3.077	12.7	21.5
4 11	15 18.50	−20 35.7	2.183	3.083	9.8	21.3
4 21	15 11.16	−20 7.4	2.124	3.088	6.4	21.1
5 1	15 2.50	−19 30.5	2.092	3.093	2.7	20.8
5 11	14 53.39	−18 48.0	2.089	3.097	1.5	20.8
5 21	14 44.69	−18 3.7	2.115	3.101	5.2	21.0
5 31	14 37.22	−17 21.9	2.169	3.104	8.7	21.2
6 10	14 31.55	−16 46.6	2.246	3.106	11.7	21.4

107455 2001 DD_{24} 5 7.1 86.°02 2.°1/ 8.2 18

4 1	15 25.59	−22 14.8	1.539	2.367	16.8	19.9
4 11	15 20.73	−22 26.3	1.465	2.372	13.1	19.7
4 21	15 13.04	−22 25.1	1.413	2.378	8.8	19.4
5 1	15 3.32	−22 11.1	1.384	2.383	4.2	19.2
5 11	14 52.85	−21 46.4	1.381	2.388	2.5	19.1
5 21	14 42.96	−21 15.3	1.404	2.393	6.7	19.3
5 31	14 34.86	−20 43.7	1.452	2.398	11.2	19.6
6 10	14 29.39	−20 17.5	1.522	2.404	15.1	19.9

434453 Ayerdhal 5 7.1 247.°34 5.°3/ 2.5 17

4 1	15 18.71	− 2 23.8	2.355	3.193	11.4	21.0
4 11	15 14.45	− 1 26.2	2.277	3.187	8.9	20.8
4 21	15 8.54	− 0 30.4	2.224	3.181	6.6	20.6
5 1	15 1.50	+ 0 18.7	2.197	3.174	5.3	20.6
5 11	14 54.03	+ 0 56.7	2.197	3.168	6.1	20.6
5 21	14 46.87	+ 1 20.2	2.224	3.161	8.3	20.7
5 31	14 40.69	+ 1 27.5	2.276	3.154	10.9	20.9
6 10	14 36.03	+ 1 18.2	2.350	3.147	13.3	21.0

191760 2004 TH_{12} 5 7.1 299.°79 2.°8/ 5.5 17

4 1	15 22.39	−11 55.5	1.671	2.518	14.9	20.6
4 11	15 18.39	−11 27.4	1.562	2.483	11.5	20.3
4 21	15 11.72	−10 53.2	1.475	2.448	7.5	20.0
5 1	15 2.94	−10 16.3	1.412	2.413	3.6	19.7
5 11	14 53.00	− 9 41.6	1.375	2.377	4.0	19.6
5 21	14 43.11	− 9 14.1	1.364	2.342	8.4	19.8
5 31	14 34.48	− 8 58.7	1.378	2.306	13.1	20.0
6 10	14 28.14	− 8 58.9	1.412	2.270	17.4	20.1

106664 2000 WY_{145} 5 7.1 175.°25 5.°6/ 2.1 18

4 1	15 20.27	+ 2 10.2	2.710	3.534	10.5	19.7
4 11	15 15.34	+ 2 51.6	2.639	3.535	8.4	19.5
4 21	15 8.96	+ 3 27.7	2.594	3.537	6.6	19.4
5 1	15 1.63	+ 3 54.5	2.575	3.538	5.6	19.4
5 11	14 53.97	+ 4 8.9	2.584	3.538	6.3	19.4
5 21	14 46.62	+ 4 8.9	2.620	3.539	8.0	19.5
5 31	14 40.17	+ 3 53.9	2.681	3.539	10.1	19.6
6 10	14 35.09	+ 3 24.6	2.765	3.538	12.1	19.8

499788 2011 CL_{54} 5 7.1 262.°83 1.°6/ 8.1 17

4 1	15 23.40	−22 14.7	1.845	2.666	14.8	21.5
4 11	15 18.83	−22 11.8	1.749	2.653	11.6	21.2
4 21	15 11.76	−21 56.9	1.675	2.639	7.8	21.0
5 1	15 2.86	−21 30.3	1.626	2.625	3.6	20.7
5 11	14 53.12	−20 54.1	1.604	2.611	2.1	20.6
5 21	14 43.68	−20 12.5	1.609	2.597	6.2	20.8
5 31	14 35.63	−19 30.9	1.639	2.582	10.4	21.0
6 10	14 29.80	−18 54.9	1.692	2.567	14.2	21.2

249644 1999 TB_{204} 5 7.1 236.°81 0.°1/ 7.2 18

4 1	15 18.88	−19 28.6	2.695	3.511	10.8	21.4
4 11	15 14.51	−19 1.1	2.598	3.502	8.2	21.2
4 21	15 8.55	−18 25.4	2.526	3.493	5.3	21.0
5 1	15 1.51	−17 43.3	2.481	3.483	2.1	20.7
5 11	14 54.03	−16 57.5	2.465	3.473	1.3	20.6
5 21	14 46.81	−16 11.2	2.478	3.463	4.6	20.9
5 31	14 40.49	−15 28.2	2.520	3.452	7.7	21.0
6 10	14 35.59	−14 51.7	2.585	3.442	10.5	21.2

294709 2008 BR_{19} 5 7.1 134.°61 3.°9/10.3 18

4 1	15 21.79	−30 23.7	2.348	3.129	13.2	20.9
4 11	15 17.06	−30 29.7	2.262	3.133	10.7	20.7
4 21	15 10.32	−30 21.2	2.197	3.136	7.9	20.5
5 1	15 2.21	−29 57.5	2.159	3.139	5.2	20.4
5 11	14 53.59	−29 20.0	2.147	3.141	3.9	20.3
5 21	14 45.35	−28 31.7	2.163	3.144	5.5	20.4
5 31	14 38.35	−27 37.6	2.206	3.147	8.2	20.6
6 10	14 33.18	−26 43.2	2.274	3.149	11.0	20.8

300238 2007 CM_{16} 5 7.1 71.°41 1.°3/ 8.1 17

4 1	15 19.98	−22 19.0	2.333	3.146	12.3	21.3
4 11	15 15.49	−22 8.7	2.256	3.156	9.5	21.1
4 21	15 9.21	−21 48.6	2.203	3.166	6.3	20.9
5 1	15 1.75	−21 19.7	2.177	3.176	2.9	20.7
5 11	14 53.89	−20 44.5	2.178	3.185	1.6	20.6
5 21	14 46.44	−20 6.3	2.208	3.195	4.8	20.9
5 31	14 40.11	−19 29.2	2.265	3.205	8.1	21.1
6 10	14 35.46	−18 56.9	2.346	3.215	11.0	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
58644	1997 WU_{31}		5 7.1	126.°83	0.°2/ 7.3	18
	h m	° ′			°	m
4 1	15 24.11	−19 52.9	2.090	2.908	13.4	20.4
4 11	15 18.70	−19 27.0	2.019	2.923	10.2	20.2
4 21	15 11.28	−18 51.4	1.970	2.937	6.6	20.0
5 1	15 2.54	−18 7.9	1.949	2.950	2.6	19.8
5 11	14 53.41	−17 20.1	1.955	2.963	1.5	19.7
5 21	14 44.80	−16 32.3	1.991	2.976	5.5	20.0
5 31	14 37.53	−15 49.1	2.053	2.988	9.1	20.2
6 10	14 32.18	−15 14.4	2.139	2.999	12.2	20.5
471919	2013 EE_{1}		5 7.1	196.°19	5.°2/12.3	18
4 1	15 23.86	−37 38.0	3.076	3.801	11.5	22.0
4 11	15 18.36	−37 59.1	2.976	3.798	9.8	21.9
4 21	15 11.06	−38 6.0	2.899	3.795	7.9	21.8
5 1	15 2.49	−37 56.9	2.847	3.791	6.1	21.6
5 11	14 53.41	−37 31.8	2.822	3.786	5.3	21.6
5 21	14 44.60	−36 52.3	2.825	3.781	5.8	21.6
5 31	14 36.83	−36 2.2	2.855	3.776	7.4	21.7
6 10	14 30.68	−35 6.2	2.911	3.770	9.4	21.8
261984	2006 QT_{23}		5 7.1	259.°45	2.°9/ 8.6	17
4 1	15 25.86	−24 8.6	1.744	2.559	15.7	21.1
4 11	15 20.98	−24 27.0	1.647	2.545	12.5	20.9
4 21	15 13.31	−24 33.2	1.571	2.530	8.7	20.6
5 1	15 3.52	−24 25.6	1.520	2.515	4.7	20.3
5 11	14 52.70	−24 5.0	1.495	2.500	3.1	20.2
5 21	14 42.14	−23 34.6	1.497	2.484	6.6	20.4
5 31	14 33.09	−23 0.0	1.524	2.468	10.9	20.6
6 10	14 26.52	−22 27.3	1.573	2.452	14.9	20.8
16768	1996 UA_{1}		5 7.1	107.°35	0.°6/ 7.7	18
4 1	15 20.07	−22 33.8	2.367	3.179	12.2	18.1
4 11	15 15.45	−21 45.1	2.291	3.191	9.3	17.9
4 21	15 9.13	−20 44.8	2.238	3.202	6.1	17.8
5 1	15 1.70	−19 35.2	2.213	3.214	2.5	17.5
5 11	14 53.96	−18 20.5	2.217	3.225	1.4	17.5
5 21	14 46.68	−17 5.5	2.250	3.236	4.9	17.7
5 31	14 40.54	−15 55.5	2.311	3.246	8.2	17.9
6 10	14 36.04	−14 54.7	2.396	3.257	11.1	18.2
211548	2003 SU_{44}		5 7.1	276.°44	3.°5/ 8.9	17
4 1	15 24.70	−25 36.3	1.562	2.382	17.0	20.7
4 11	15 20.43	−25 51.0	1.467	2.366	13.6	20.4
4 21	15 13.13	−25 50.2	1.392	2.350	9.6	20.1
5 1	15 3.49	−25 32.3	1.340	2.334	5.4	19.8
5 11	14 52.72	−24 58.2	1.313	2.317	3.7	19.7
5 21	14 42.24	−24 12.0	1.312	2.301	7.2	19.8
5 31	14 33.44	−23 20.7	1.336	2.284	11.8	20.0
6 10	14 27.37	−22 32.3	1.381	2.267	16.1	20.2
156294	2001 WU_{66}		5 7.1	216.°43	0.°6/ 6.2	18
4 1	15 12.17	−14 44.6	4.799	5.617	6.3	20.9
4 11	15 8.78	−14 24.4	4.707	5.614	4.8	20.8
4 21	15 4.62	−14 1.6	4.642	5.611	3.0	20.7
5 1	14 59.94	−13 37.4	4.605	5.608	1.2	20.5
5 11	14 55.08	−13 13.3	4.599	5.604	1.1	20.5
5 21	14 50.35	−12 50.6	4.623	5.601	2.9	20.7
5 31	14 46.07	−12 30.8	4.675	5.598	4.7	20.8
6 10	14 42.50	−12 15.2	4.754	5.594	6.3	20.9
311138	2004 RU_{144}		5 7.1	282.°46	4.°8/11.2	18
4 1	15 21.34	−33 55.1	2.488	3.251	13.0	20.6
4 11	15 16.89	−34 0.3	2.374	3.228	10.9	20.4
4 21	15 10.35	−33 49.5	2.281	3.205	8.4	20.2
5 1	15 2.29	−33 21.0	2.213	3.181	6.0	20.0
5 11	14 53.53	−32 35.1	2.173	3.158	4.8	19.9
5 21	14 44.98	−31 34.5	2.159	3.134	6.0	19.9
5 31	14 37.55	−30 24.3	2.173	3.111	8.5	20.0
6 10	14 31.95	−29 10.6	2.212	3.087	11.3	20.2
48247	2001 QU_{101}		5 7.1	214.°60	0.°5/ 6.7	18
4 1	15 24.14	−16 41.2	2.172	2.994	12.8	20.4
4 11	15 18.87	−16 24.6	2.079	2.987	9.8	20.2
4 21	15 11.52	−16 0.9	2.010	2.979	6.3	20.0
5 1	15 2.71	−15 31.8	1.968	2.970	2.4	19.7
5 11	14 53.28	−15 0.2	1.954	2.961	1.8	19.6
5 21	14 44.16	−14 29.6	1.969	2.952	5.8	19.9
5 31	14 36.22	−14 3.9	2.011	2.941	9.5	20.1
6 10	14 30.14	−13 46.4	2.077	2.930	12.8	20.3
68071	2000 YV_{80}		5 7.1	279.°13	0.°2/ 7.2	18
4 1	15 23.25	−20 0.9	1.574	2.410	16.1	19.3
4 11	15 19.21	−19 33.9	1.472	2.386	12.6	19.0
4 21	15 12.30	−18 52.5	1.391	2.361	8.3	18.7
5 1	15 3.17	−17 58.1	1.334	2.336	3.3	18.3
5 11	14 52.93	−16 54.9	1.303	2.311	2.1	18.1
5 21	14 42.90	−15 49.2	1.298	2.285	7.4	18.4
5 31	14 34.41	−14 48.7	1.317	2.259	12.5	18.6
6 10	14 28.44	−14 0.4	1.358	2.233	17.0	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
298320	2003 EK_{50}		5 7.1	66.°72	4.°2/ 9.7	18
	h m	° ′			°	m
4 1	15 26.39	−28 2.2	2.187	2.974	13.9	19.8
4 11	15 20.68	−28 51.1	2.113	2.987	11.2	19.6
4 21	15 12.71	−29 28.3	2.060	3.001	8.2	19.4
5 1	15 3.17	−29 51.5	2.034	3.014	5.4	19.3
5 11	14 53.01	−30 0.4	2.035	3.027	4.3	19.2
5 21	14 43.26	−29 56.7	2.063	3.041	6.0	19.4
5 31	14 34.89	−29 44.1	2.119	3.054	8.8	19.6
6 10	14 28.58	−29 27.6	2.198	3.068	11.6	19.8
203994	2003 TL_{2}		5 7.1	187.°92	1.°6/ 5.8	18
4 1	15 22.51	−12 19.4	2.655	3.477	10.7	20.9
4 11	15 17.16	−11 59.0	2.568	3.476	8.1	20.7
4 21	15 10.20	−11 35.4	2.506	3.475	5.2	20.5
5 1	15 2.15	−11 10.8	2.472	3.473	2.3	20.3
5 11	14 53.68	−10 47.6	2.468	3.470	2.4	20.3
5 21	14 45.49	−10 28.7	2.493	3.467	5.4	20.5
5 31	14 38.26	−10 16.2	2.546	3.463	8.3	20.7
6 10	14 32.50	−10 12.1	2.623	3.459	11.0	20.9
37770	1997 GQ_{21}		5 7.1	28.°58	0.°8/ 6.5	17
4 1	15 18.47	−16 55.1	2.152	2.985	12.5	19.3
4 11	15 14.47	−16 22.2	2.074	2.988	9.5	19.1
4 21	15 8.63	−15 41.8	2.020	2.992	6.0	18.9
5 1	15 1.56	−14 56.2	1.993	2.996	2.3	18.6
5 11	14 54.06	−14 9.4	1.993	3.000	1.9	18.6
5 21	14 46.96	−13 25.6	2.021	3.004	5.6	18.9
5 31	14 40.99	−12 48.6	2.075	3.008	9.1	19.1
6 10	14 36.73	−12 21.6	2.153	3.013	12.2	19.3
151528	2002 RZ_{68}		5 7.1	182.°96	0.°6/ 7.4	18
4 1	15 26.44	−20 24.5	1.485	2.318	17.1	20.8
4 11	15 21.47	−20 5.9	1.407	2.319	13.2	20.5
4 21	15 13.57	−19 33.8	1.350	2.319	8.6	20.3
5 1	15 3.57	−18 49.6	1.317	2.319	3.5	20.0
5 11	14 52.76	−17 57.5	1.310	2.319	2.0	19.9
5 21	14 42.54	−17 3.7	1.330	2.317	7.2	20.2
5 31	14 34.15	−16 15.2	1.373	2.316	12.0	20.4
6 10	14 28.46	−15 37.9	1.438	2.314	16.2	20.7
381887	2010 AU_{80}		5 7.1	171.°92	1.°5/ 8.3	17
4 1	15 23.76	−22 53.6	2.327	3.132	12.6	22.3
4 11	15 18.44	−22 48.5	2.241	3.135	9.8	22.1
4 21	15 11.16	−22 33.3	2.178	3.138	6.6	21.9
5 1	15 2.55	−22 8.2	2.142	3.140	3.1	21.7
5 11	14 53.43	−21 35.4	2.135	3.141	1.9	21.6
5 21	14 44.69	−20 58.2	2.156	3.142	5.0	21.8
5 31	14 37.13	−20 20.7	2.205	3.143	8.4	22.0
6 10	14 31.37	−19 47.2	2.278	3.143	11.4	22.2
24372	Timobauman		5 7.1	229.°62	4.°7/ 3.9	17
4 1	15 23.43	− 7 18.7	1.791	2.634	14.2	19.7
4 11	15 18.62	− 6 24.9	1.709	2.626	10.9	19.4
4 21	15 11.51	− 5 28.9	1.650	2.618	7.5	19.2
5 1	15 2.75	− 4 36.1	1.616	2.608	4.9	19.0
5 11	14 53.32	− 3 52.3	1.609	2.599	5.7	19.1
5 21	14 44.27	− 3 22.3	1.629	2.589	9.0	19.2
5 31	14 36.59	− 3 9.4	1.673	2.578	12.6	19.4
6 10	14 31.00	− 3 14.7	1.738	2.567	15.9	19.6
512753	2016 UP_{42}		5 7.1	245.°38	2.°5/ 9.2	18
4 1	15 20.25	−26 43.2	2.461	3.257	12.3	21.4
4 11	15 15.81	−26 32.2	2.364	3.250	9.7	21.2
4 21	15 9.52	−26 8.7	2.291	3.242	6.8	21.0
5 1	15 1.94	−25 32.7	2.243	3.235	3.8	20.8
5 11	14 53.85	−24 46.4	2.224	3.227	2.5	20.7
5 21	14 46.06	−23 53.1	2.233	3.219	4.9	20.8
5 31	14 39.35	−22 57.5	2.269	3.211	8.0	21.0
6 10	14 34.30	−22 4.5	2.330	3.203	10.9	21.1
337814	2001 VG_{2}		5 7.1	93.°17	0.°0/ 6.9	17
4 1	15 25.04	−16 36.4	2.541	3.354	11.4	21.7
4 11	15 18.99	−16 42.6	2.478	3.380	8.7	21.5
4 21	15 11.29	−16 43.8	2.440	3.406	5.5	21.3
5 1	15 2.55	−16 41.0	2.430	3.432	2.1	21.2
5 11	14 53.52	−16 35.8	2.449	3.457	1.4	21.1
5 21	14 44.94	−16 30.2	2.498	3.482	4.7	21.4
5 31	14 37.50	−16 26.5	2.576	3.506	7.7	21.6
6 10	14 31.68	−16 27.0	2.678	3.529	10.3	21.8
103036	1999 XP_{118}		5 7.1	219.°05	1.°0/ 7.8	17
4 1	15 25.58	−21 0.8	2.001	2.816	14.0	20.3
4 11	15 20.24	−20 52.0	1.906	2.807	10.9	20.0
4 21	15 12.56	−20 32.6	1.834	2.798	7.2	19.8
5 1	15 3.18	−20 3.1	1.788	2.788	3.1	19.5
5 11	14 53.06	−19 26.0	1.769	2.777	1.7	19.4
5 21	14 43.27	−18 45.3	1.780	2.766	5.9	19.6
5 31	14 34.81	−18 6.0	1.816	2.754	9.9	19.8
6 10	14 28.44	−17 32.9	1.877	2.741	13.5	20.0

299550 2006 DN_{120} 5 7.1 107.°71 4.°7/ 4.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.80	− 8 32.6	1.467	2.319	16.3	20.5
4 11	15 19.87	− 7 36.0	1.407	2.329	12.4	20.3
4 21	15 12.33	− 6 36.9	1.368	2.339	8.3	20.1
5 1	15 3.04	− 5 41.6	1.354	2.349	5.1	19.9
5 11	14 53.22	− 4 56.7	1.366	2.359	5.8	20.0
5 21	14 44.09	− 4 27.4	1.402	2.368	9.5	20.2
5 31	14 36.71	− 4 16.9	1.463	2.377	13.5	20.5
6 10	14 31.79	− 4 25.6	1.543	2.386	16.9	20.7

102347 1999 TJ_{122} 5 7.1 206.°09 2.°7/ 5.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.88	−12 11.8	2.042	2.875	13.1	21.1
4 11	15 18.70	−11 21.7	1.956	2.869	10.0	20.9
4 21	15 11.43	−10 25.8	1.893	2.863	6.4	20.7
5 1	15 2.70	− 9 27.8	1.857	2.856	3.2	20.4
5 11	14 53.40	− 8 32.8	1.849	2.849	3.7	20.5
5 21	14 44.47	− 7 45.5	1.870	2.840	7.2	20.7
5 31	14 36.77	− 7 10.2	1.917	2.831	10.8	20.9
6 10	14 30.98	− 6 49.4	1.986	2.821	14.0	21.0

430056 2013 SG_{22} 5 7.1 164.°54 3.°9/ 3.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 21.16	− 8 32.4	2.221	3.057	12.0	21.5
4 11	15 16.35	− 7 22.1	2.147	3.062	9.2	21.3
4 21	15 9.76	− 6 8.9	2.099	3.066	6.2	21.1
5 1	15 2.01	− 4 57.7	2.078	3.070	4.0	21.0
5 11	14 53.87	− 3 53.9	2.085	3.073	4.8	21.0
5 21	14 46.14	− 3 1.9	2.120	3.075	7.5	21.2
5 31	14 39.54	− 2 25.1	2.182	3.078	10.5	21.4
6 10	14 34.60	− 2 4.9	2.265	3.079	13.2	21.6

474979 2005 TL_{96} 5 7.1 283.°76 3.°3/ 9.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.99	−26 0.2	2.327	3.122	12.9	21.2
4 11	15 18.96	−26 35.4	2.223	3.106	10.4	21.0
4 21	15 11.75	−27 1.1	2.141	3.090	7.4	20.7
5 1	15 2.90	−27 15.5	2.086	3.073	4.5	20.5
5 11	14 53.24	−27 18.5	2.058	3.057	3.4	20.4
5 21	14 43.73	−27 11.5	2.059	3.041	5.6	20.5
5 31	14 35.32	−26 57.7	2.086	3.025	8.8	20.7
6 10	14 28.76	−26 41.5	2.138	3.009	11.8	20.9

498418 2008 AQ_{20} 5 7.1 86.°97 4.°4/ 4.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.63	− 8 9.1	1.567	2.417	15.5	21.5
4 11	15 18.88	− 7 25.1	1.504	2.425	11.8	21.3
4 21	15 11.67	− 6 39.6	1.462	2.433	7.9	21.1
5 1	15 2.79	− 5 58.0	1.446	2.441	4.8	20.9
5 11	14 53.39	− 5 25.9	1.455	2.449	5.4	21.0
5 21	14 44.59	− 5 7.5	1.490	2.457	9.0	21.2
5 31	14 37.40	− 5 5.6	1.549	2.465	12.8	21.5
6 10	14 32.52	− 5 20.6	1.628	2.473	16.1	21.7

277675 2006 BQ_{233} 5 7.1 148.°58 2.°1/ 5.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.33	−11 56.3	2.309	3.137	11.9	21.9
4 11	15 17.93	−11 25.8	2.236	3.147	9.0	21.7
4 21	15 10.74	−10 51.8	2.186	3.156	5.8	21.6
5 1	15 2.39	−10 17.1	2.164	3.164	2.7	21.4
5 11	14 53.65	− 9 45.1	2.171	3.172	2.9	21.4
5 21	14 45.32	− 9 19.1	2.207	3.180	6.1	21.6
5 31	14 38.14	− 9 1.8	2.270	3.186	9.2	21.8
6 10	14 32.64	− 8 55.1	2.356	3.193	12.0	22.0

214658 2006 ST_{101} 5 7.1 288.°02 4.°4/ 3.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 18.78	− 6 42.6	2.096	2.940	12.4	20.5
4 11	15 14.74	− 5 44.0	2.017	2.935	9.5	20.3
4 21	15 8.86	− 4 44.0	1.962	2.929	6.5	20.1
5 1	15 1.70	− 3 47.5	1.934	2.924	4.5	20.0
5 11	14 54.07	− 2 59.8	1.933	2.919	5.3	20.0
5 21	14 46.78	− 2 24.8	1.958	2.913	8.1	20.1
5 31	14 40.60	− 2 5.6	2.009	2.908	11.1	20.3
6 10	14 36.11	− 2 3.1	2.081	2.903	13.9	20.5

391107 2005 UO_{478} 5 7.1 65.°85 0.°1/ 7.2 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 18.40	−20 14.5	2.373	3.194	11.9	20.7
4 11	15 14.28	−19 37.0	2.291	3.198	9.1	20.5
4 21	15 8.47	−18 49.9	2.233	3.201	5.8	20.3
5 1	15 1.53	−17 55.3	2.202	3.204	2.3	20.1
5 11	14 54.20	−16 56.8	2.199	3.207	1.4	20.0
5 21	14 47.24	−15 58.7	2.225	3.210	5.0	20.3
5 31	14 41.34	−15 5.4	2.278	3.214	8.3	20.5
6 10	14 37.03	−14 20.6	2.355	3.217	11.2	20.7

377787 2005 YK_{287} 5 7.1 135.°41 5.°3/11.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 26.39	−33 19.3	2.159	2.925	14.7	21.5
4 11	15 20.79	−33 40.8	2.078	2.935	12.1	21.4
4 21	15 12.84	−33 45.5	2.019	2.944	9.2	21.2
5 1	15 3.26	−33 31.2	1.985	2.953	6.6	21.0
5 11	14 53.09	−32 58.6	1.977	2.962	5.3	21.0
5 21	14 43.43	−32 10.8	1.997	2.970	6.5	21.1
5 31	14 35.25	−31 13.5	2.043	2.978	9.1	21.2
6 10	14 29.27	−30 13.5	2.113	2.985	11.9	21.4

60232 1999 VL_{148} 5 7.1 248.°52 0.°7/ 6.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 15.58	−15 45.6	3.627	4.445	8.2	20.4
4 11	15 11.65	−15 15.9	3.525	4.432	6.2	20.2
4 21	15 6.59	−14 41.7	3.449	4.418	3.9	20.1
5 1	15 0.78	−14 4.6	3.402	4.404	1.5	19.9
5 11	14 54.67	−13 26.9	3.384	4.390	1.4	19.9
5 21	14 48.72	−12 50.8	3.397	4.375	3.8	20.0
5 31	14 43.38	−12 18.7	3.438	4.361	6.2	20.2
6 10	14 39.04	−11 52.5	3.504	4.346	8.3	20.3

163719 2003 HM_{21} 5 7.1 310.°17 1.°3/ 7.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.25	−18 24.8	1.248	2.100	18.5	19.2
4 11	15 20.75	−18 54.6	1.156	2.078	14.6	18.9
4 21	15 13.76	−19 16.6	1.084	2.057	9.7	18.6
5 1	15 3.92	−19 30.1	1.034	2.036	4.2	18.2
5 11	14 52.54	−19 35.8	1.008	2.016	2.5	18.0
5 21	14 41.30	−19 36.4	1.005	1.996	8.3	18.3
5 31	14 31.94	−19 36.8	1.024	1.977	14.0	18.5
6 10	14 25.74	−19 42.7	1.063	1.958	19.1	18.8

171996 2001 TM_{238} 5 7.1 147.°93 1.°2/ 6.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 22.15	−13 31.0	2.650	3.472	10.8	20.4
4 11	15 16.87	−13 20.0	2.572	3.479	8.1	20.2
4 21	15 10.02	−13 5.6	2.518	3.487	5.2	20.0
5 1	15 2.11	−12 49.5	2.492	3.494	2.1	19.8
5 11	14 53.85	−12 33.9	2.496	3.501	2.0	19.8
5 21	14 45.91	−12 21.2	2.529	3.507	5.0	20.1
5 31	14 38.94	−12 13.6	2.590	3.513	8.0	20.3
6 10	14 33.45	−12 12.9	2.676	3.519	10.6	20.4

120582 1995 SB_{12} 5 7.1 322.°00 1.°4/ 6.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 20.46	−15 37.3	1.692	2.537	14.8	19.8
4 11	15 16.55	−15 3.6	1.612	2.532	11.3	19.6
4 21	15 10.27	−14 21.2	1.553	2.527	7.2	19.3
5 1	15 2.31	−13 33.4	1.519	2.522	2.8	19.0
5 11	14 53.70	−12 45.0	1.511	2.517	2.7	19.0
5 21	14 45.50	−12 1.4	1.530	2.512	7.1	19.2
5 31	14 38.73	−11 27.6	1.573	2.508	11.3	19.5
6 10	14 34.13	−11 7.2	1.638	2.504	15.0	19.7

431899 2008 SL_{305} 5 7.1 176.°46 1.°6/ 5.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 22.73	−13 16.1	2.217	3.046	12.3	21.4
4 11	15 17.65	−12 56.5	2.136	3.048	9.3	21.2
4 21	15 10.68	−12 32.6	2.078	3.049	5.9	21.0
5 1	15 2.41	−12 6.8	2.048	3.049	2.5	20.8
5 11	14 53.65	−11 42.1	2.046	3.050	2.5	20.7
5 21	14 45.26	−11 21.7	2.072	3.050	6.0	21.0
5 31	14 38.01	−11 8.6	2.125	3.049	9.4	21.2
6 10	14 32.51	−11 4.8	2.201	3.049	12.4	21.4

433305 2013 ND_{22} 5 7.1 162.°95 4.°5/10.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 26.00	−31 56.1	2.458	3.222	13.1	22.2
4 11	15 20.23	−32 14.9	2.370	3.228	10.8	22.0
4 21	15 12.38	−32 19.3	2.305	3.233	8.1	21.8
5 1	15 3.08	−32 7.8	2.266	3.238	5.6	21.7
5 11	14 53.22	−31 40.9	2.254	3.242	4.5	21.6
5 21	14 43.76	−31 1.3	2.271	3.246	5.8	21.7
5 31	14 35.56	−30 13.5	2.315	3.249	8.3	21.9
6 10	14 29.27	−29 23.1	2.384	3.251	10.9	22.0

83359 2001 RA_{155} 5 7.1 122.°00 1.°8/ 8.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.01	−21 43.1	2.194	3.004	13.1	19.4
4 11	15 18.81	−22 4.2	2.109	3.007	10.2	19.2
4 21	15 11.53	−22 17.0	2.048	3.009	6.8	19.0
5 1	15 2.78	−22 21.0	2.013	3.011	3.3	18.7
5 11	14 53.43	−22 17.3	2.007	3.013	2.1	18.7
5 21	14 44.41	−22 8.2	2.028	3.015	5.3	18.9
5 31	14 36.63	−21 56.8	2.077	3.017	8.7	19.1
6 10	14 30.73	−21 47.0	2.149	3.019	11.8	19.3

354786 2005 UY_{254} 5 7.1 215.°65 5.°7/11.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.73	−35 29.0	2.652	3.397	12.7	21.3
4 11	15 19.37	−36 9.7	2.556	3.393	10.7	21.2
4 21	15 11.92	−36 36.5	2.482	3.389	8.6	21.0
5 1	15 2.95	−36 46.8	2.433	3.385	6.6	20.9
5 11	14 53.30	−36 39.9	2.410	3.380	5.7	20.8
5 21	14 43.89	−36 17.3	2.415	3.376	6.4	20.8
5 31	14 35.63	−35 42.6	2.447	3.371	8.4	21.0
6 10	14 29.21	−35 0.9	2.504	3.366	10.6	21.1

50576 2000 EP_{40} 5 7.1 180.°42 0.°1/ 6.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 21.73	−17 33.1	2.170	2.995	12.7	18.8
4 11	15 17.00	−17 20.4	2.087	2.996	9.7	18.6
4 21	15 10.32	−17 0.4	2.027	2.996	6.2	18.4
5 1	15 2.29	−16 34.9	1.993	2.996	2.4	18.1
5 11	14 53.75	−16 6.4	1.988	2.996	1.6	18.1
5 21	14 45.56	−15 38.5	2.011	2.996	5.5	18.3
5 31	14 38.55	−15 14.7	2.060	2.995	9.1	18.6
6 10	14 33.33	−14 58.2	2.133	2.995	12.2	18.8

69314 1992 SW_{21} 5 7.1 318.°38 3.°7/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.78	−23 34.0	1.356	2.191	18.3	19.1
4 11	15 20.87	−24 14.4	1.272	2.180	14.6	18.8
4 21	15 13.63	−24 42.4	1.207	2.170	10.2	18.5
5 1	15 3.81	−24 55.6	1.164	2.160	5.6	18.3
5 11	14 52.73	−24 53.6	1.146	2.150	3.9	18.1
5 21	14 42.00	−24 39.2	1.152	2.141	7.8	18.3
5 31	14 33.18	−24 18.4	1.181	2.132	12.7	18.6
6 10	14 27.39	−23 58.2	1.230	2.124	17.1	18.8

436366 2010 LA_{35} 5 7.1 261.°53 5.°0/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.60	− 3 19.5	2.170	3.008	12.2	20.6
4 11	15 16.05	− 2 38.8	2.092	3.004	9.5	20.4
4 21	15 9.68	− 2 0.3	2.038	2.999	6.8	20.2
5 1	15 2.04	− 1 28.5	2.011	2.994	5.1	20.1
5 11	14 53.93	− 1 7.4	2.010	2.990	5.8	20.2
5 21	14 46.16	− 1 0.0	2.037	2.985	8.2	20.3
5 31	14 39.48	− 1 7.8	2.088	2.980	11.1	20.5
6 10	14 34.48	− 1 30.8	2.162	2.976	13.7	20.6

17166 Secombe 5 7.1 235.°23 0.°3/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.98	−18 37.5	2.425	3.244	11.7	19.0
4 11	15 16.31	−18 31.8	2.334	3.239	9.0	18.8
4 21	15 9.84	−18 19.0	2.267	3.234	5.8	18.6
5 1	15 2.11	−18 0.3	2.226	3.228	2.3	18.3
5 11	14 53.88	−17 37.9	2.215	3.223	1.4	18.3
5 21	14 45.92	−17 14.4	2.231	3.217	4.9	18.5
5 31	14 38.98	−16 53.2	2.275	3.211	8.3	18.7
6 10	14 33.66	−16 37.3	2.344	3.205	11.2	18.9

300255 2007 GT_{47} 5 7.1 336.°09 1.°0/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.91	−17 24.7	1.085	1.956	19.4	20.8
4 11	15 16.64	−16 57.7	1.012	1.945	14.9	20.5
4 21	15 10.98	−16 16.3	0.956	1.935	9.6	20.2
5 1	15 2.76	−15 24.1	0.922	1.926	3.7	19.8
5 11	14 53.43	−14 27.7	0.910	1.918	3.0	19.7
5 21	14 44.64	−13 35.4	0.921	1.911	9.1	20.0
5 31	14 37.93	−12 55.4	0.952	1.905	14.8	20.3
6 10	14 34.33	−12 33.6	1.001	1.900	19.7	20.6

22177 Saotome 5 7.1 312.°00 6.°1/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.94	+ 1 35.6	2.124	2.951	12.9	17.0
4 11	15 19.45	+ 1 43.3	2.039	2.939	10.3	16.8
4 21	15 11.92	+ 1 43.2	1.976	2.927	7.8	16.7
5 1	15 2.94	+ 1 31.4	1.940	2.915	6.2	16.5
5 11	14 53.35	+ 1 4.9	1.931	2.903	6.7	16.5
5 21	14 44.06	+ 0 22.7	1.950	2.891	9.0	16.7
5 31	14 35.93	− 0 35.0	1.994	2.880	11.8	16.8
6 10	14 29.62	− 1 46.3	2.060	2.869	14.5	17.0

50106 2000 AC_{113} 5 7.1 91.°61 2.°1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.64	−15 36.3	1.340	2.190	17.7	19.1
4 11	15 20.74	−14 45.7	1.283	2.206	13.4	18.8
4 21	15 12.99	−13 45.0	1.246	2.221	8.4	18.6
5 1	15 3.35	−12 39.1	1.234	2.236	3.4	18.3
5 11	14 53.19	−11 35.2	1.247	2.251	3.5	18.4
5 21	14 43.86	−10 40.3	1.285	2.266	8.3	18.7
5 31	14 36.52	−10 0.2	1.347	2.281	12.9	19.0
6 10	14 31.87	− 9 38.1	1.429	2.295	16.8	19.3

473179 2015 KP_{63} 5 7.1 155.°01 3.°5/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.37	− 6 33.6	2.308	3.141	11.8	21.1
4 11	15 17.25	− 6 10.5	2.233	3.144	9.0	20.9
4 21	15 10.37	− 5 48.0	2.182	3.147	6.1	20.8
5 1	15 2.30	− 5 29.4	2.158	3.151	3.8	20.6
5 11	14 53.82	− 5 17.7	2.162	3.153	4.2	20.6
5 21	14 45.70	− 5 15.3	2.194	3.156	6.9	20.8
5 31	14 38.67	− 5 23.8	2.253	3.159	9.8	21.0
6 10	14 33.27	− 5 43.5	2.335	3.161	12.5	21.2

169507 2002 CX_{252} 5 7.1 174.°59 2.°6/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.95	−13 5.0	1.749	2.587	14.7	20.9
4 11	15 19.79	−12 17.8	1.673	2.589	11.2	20.7
4 21	15 12.25	−11 23.8	1.619	2.591	7.2	20.4
5 1	15 3.08	−10 27.3	1.592	2.593	3.3	20.2
5 11	14 53.33	− 9 33.6	1.592	2.594	3.7	20.2
5 21	14 44.08	− 8 48.2	1.619	2.594	7.6	20.5
5 31	14 36.33	− 8 15.7	1.672	2.593	11.6	20.7
6 10	14 30.78	− 7 58.5	1.746	2.592	15.1	20.9

412991 1998 TO_{24} 5 7.1 282.°30 0.°4/ 7.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.27	−19 28.6	3.284	4.095	9.1	22.0
4 11	15 13.14	−19 19.0	3.173	4.073	7.0	21.8
4 21	15 7.68	−19 3.5	3.086	4.051	4.6	21.6
5 1	15 1.28	−18 42.8	3.027	4.028	1.9	21.4
5 11	14 54.45	−18 18.7	2.998	4.006	1.1	21.3
5 21	14 47.76	−17 53.2	2.998	3.984	3.8	21.4
5 31	14 41.74	−17 28.8	3.027	3.961	6.5	21.6
6 10	14 36.86	−17 7.9	3.081	3.938	9.0	21.7

522794 2016 NY_{78} 5 7.1 158.°73 3.°1/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.10	− 7 27.4	2.515	3.346	11.0	21.6
4 11	15 16.16	− 7 4.5	2.438	3.349	8.4	21.4
4 21	15 9.62	− 6 41.7	2.386	3.352	5.6	21.3
5 1	15 2.01	− 6 21.6	2.361	3.355	3.3	21.1
5 11	14 54.02	− 6 7.2	2.364	3.357	3.8	21.2
5 21	14 46.34	− 6 0.7	2.396	3.360	6.3	21.3
5 31	14 39.65	− 6 4.0	2.455	3.362	9.1	21.5
6 10	14 34.45	− 6 17.6	2.537	3.364	11.6	21.7

518607 2007 YR_{75} 5 7.1 116.°71 0.°7/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.94	−16 2.9	2.473	3.296	11.4	22.3
4 11	15 16.07	−15 42.6	2.399	3.308	8.6	22.1
4 21	15 9.56	−15 16.6	2.350	3.319	5.4	21.9
5 1	15 1.98	−14 47.0	2.328	3.330	2.1	21.7
5 11	14 54.05	−14 16.6	2.335	3.341	1.7	21.7
5 21	14 46.50	−13 48.4	2.370	3.352	5.0	21.9
5 31	14 39.99	−13 25.3	2.433	3.362	8.1	22.1
6 10	14 35.04	−13 9.7	2.520	3.372	10.9	22.3

362616 2011 RP_{19} 5 7.1 32.°75 4.°7/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.81	−29 52.7	2.103	2.890	14.3	20.1
4 11	15 18.95	−30 29.1	2.020	2.893	11.7	19.9
4 21	15 11.77	−30 51.8	1.959	2.897	8.7	19.8
5 1	15 2.93	−30 58.8	1.922	2.900	5.9	19.6
5 11	14 53.41	−30 49.9	1.912	2.903	4.7	19.5
5 21	14 44.27	−30 27.6	1.929	2.907	6.3	19.6
5 31	14 36.49	−29 56.3	1.972	2.911	9.2	19.8
6 10	14 30.81	−29 21.6	2.038	2.915	12.1	20.0

472042 2013 YS_{39} 5 7.1 159.°80 1.°5/ 6.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.14	−14 20.2	2.164	2.996	12.5	21.4
4 11	15 16.50	−13 51.9	2.085	2.998	9.4	21.2
4 21	15 9.98	−13 18.1	2.029	3.000	6.0	21.0
5 1	15 2.18	−12 41.4	2.000	3.002	2.5	20.8
5 11	14 53.91	−12 5.4	1.999	3.003	2.4	20.8
5 21	14 46.03	−11 33.7	2.026	3.005	6.0	21.0
5 31	14 39.29	−11 9.8	2.079	3.006	9.4	21.2
6 10	14 34.30	−10 56.1	2.156	3.007	12.5	21.4

62244 2000 SM_{77} 5 7.1 138.°40 0.°7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.91	−21 10.4	3.849	4.649	8.1	20.9
4 11	15 12.54	−20 58.9	3.766	4.659	6.2	20.8
4 21	15 7.12	−20 41.7	3.708	4.669	4.1	20.7
5 1	15 1.01	−20 19.5	3.679	4.679	1.8	20.5
5 11	14 54.67	−19 54.1	3.681	4.688	1.0	20.4
5 21	14 48.55	−19 27.1	3.712	4.697	3.2	20.6
5 31	14 43.08	−19 0.7	3.772	4.706	5.4	20.8
6 10	14 38.61	−18 36.9	3.858	4.714	7.3	20.9

350804 2002 CO_{211} 5 7.1 103.°35 3.°6/10.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.88	−29 0.3	2.395	3.180	12.8	21.5
4 11	15 17.14	−29 14.9	2.308	3.183	10.4	21.3
4 21	15 10.44	−29 16.7	2.244	3.186	7.5	21.1
5 1	15 2.38	−29 4.9	2.206	3.188	4.8	20.9
5 11	14 53.78	−28 40.4	2.195	3.191	3.6	20.9
5 21	14 45.54	−28 5.9	2.212	3.194	5.3	21.0
5 31	14 38.46	−27 25.6	2.256	3.196	8.1	21.2
6 10	14 33.18	−26 44.5	2.324	3.199	10.9	21.3

382354 2013 TT_{78} 5 7.1 207.°23 0.°2/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.88	−18 24.9	2.631	3.438	11.2	22.1
4 11	15 19.14	−18 18.1	2.532	3.431	8.6	21.9
4 21	15 11.61	−18 4.6	2.458	3.423	5.6	21.7
5 1	15 2.82	−17 45.4	2.412	3.414	2.2	21.4
5 11	14 53.50	−17 22.3	2.396	3.404	1.3	21.3
5 21	14 44.42	−16 58.0	2.410	3.393	4.8	21.6
5 31	14 36.32	−16 35.5	2.452	3.382	8.1	21.8
6 10	14 29.80	−16 17.9	2.519	3.369	10.9	21.9

466697 2014 WP_{361} 5 7.1 154.°88 0.°4/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.77	−18 1.2	1.954	2.779	13.9	22.4
4 11	15 19.44	−17 32.5	1.878	2.786	10.6	22.2
4 21	15 11.93	−16 54.6	1.824	2.793	6.8	21.9
5 1	15 2.94	−16 9.7	1.796	2.799	2.6	21.7
5 11	14 53.45	−15 21.9	1.797	2.804	1.9	21.6
5 21	14 44.45	−14 35.6	1.825	2.809	6.0	21.9
5 31	14 36.85	−13 55.8	1.881	2.813	9.9	22.2
6 10	14 31.28	−13 26.0	1.959	2.817	13.3	22.4

479078 2013 AR_{93} 5 7.1 84.°26 6.°4/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.13	−37 48.3	2.440	3.180	13.9	20.8
4 11	15 19.00	−38 22.2	2.360	3.190	11.8	20.7
4 21	15 11.69	−38 39.0	2.300	3.199	9.5	20.6
5 1	15 2.88	−38 36.4	2.264	3.209	7.5	20.4
5 11	14 53.49	−38 14.1	2.255	3.219	6.4	20.4
5 21	14 44.54	−37 34.6	2.271	3.229	7.0	20.4
5 31	14 36.93	−36 42.5	2.314	3.238	8.7	20.6
6 10	14 31.33	−35 44.0	2.381	3.248	10.9	20.7

364679 2007 TM_{364} 5 7.1 265.°13 2.°0/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.35	−21 4.6	1.586	2.412	16.5	21.6
4 11	15 22.41	−21 28.5	1.491	2.397	13.0	21.3
4 21	15 14.45	−21 42.7	1.417	2.382	8.8	21.0
5 1	15 4.13	−21 45.8	1.367	2.366	4.2	20.7
5 11	14 52.63	−21 38.7	1.343	2.350	2.6	20.6
5 21	14 41.35	−21 24.0	1.345	2.334	7.1	20.8
5 31	14 31.70	−21 6.9	1.373	2.317	11.9	21.0
6 10	14 24.73	−20 53.0	1.421	2.300	16.1	21.2

475391 2006 HW_{30} 5 7.1 315.°93 16.°9/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 46.90	+16 14.0	0.828	1.657	27.6	19.8
4 11	15 39.80	+15 53.8	0.756	1.641	24.4	19.5
4 21	15 27.01	+14 48.0	0.697	1.626	20.7	19.2
5 1	15 9.38	+12 37.6	0.655	1.612	17.7	18.9
5 11	14 49.21	+ 9 13.6	0.634	1.598	17.1	18.8
5 21	14 29.54	+ 4 45.8	0.635	1.586	19.8	18.9
5 31	14 13.28	− 0 20.9	0.657	1.575	24.5	19.1
6 10	14 2.20	− 5 37.4	0.699	1.564	29.4	19.4

522914 2016 PM_{108} 5 7.1 233.°36 1.°8/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.15	−11 43.2	2.420	3.248	11.5	21.6
4 11	15 17.16	−11 32.1	2.330	3.241	8.7	21.4
4 21	15 10.39	−11 18.5	2.263	3.233	5.6	21.2
5 1	15 2.36	−11 4.3	2.224	3.225	2.5	21.0
5 11	14 53.82	−10 52.1	2.213	3.216	2.6	20.9
5 21	14 45.53	−10 44.4	2.232	3.208	5.8	21.1
5 31	14 38.25	−10 43.4	2.277	3.199	9.0	21.3
6 10	14 32.55	−10 50.7	2.346	3.190	11.9	21.5

191050 2002 CE_{64} 5 7.1 116.°01 6.°0/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.51	−31 20.7	1.899	2.679	15.9	20.1
4 11	15 22.91	−32 19.6	1.817	2.682	13.1	19.9
4 21	15 14.53	−33 3.7	1.755	2.685	10.1	19.7
5 1	15 4.08	−33 29.1	1.718	2.689	7.2	19.6
5 11	14 52.71	−33 34.5	1.707	2.692	6.0	19.5
5 21	14 41.74	−33 21.3	1.723	2.695	7.5	19.6
5 31	14 32.39	−32 54.6	1.764	2.698	10.4	19.7
6 10	14 25.55	−32 21.3	1.828	2.701	13.4	19.9

364720 2007 VH_{73} 5 7.1 300.°93 0.°9/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.23	−14 30.4	1.396	2.245	17.1	20.5
4 11	15 20.95	−14 39.6	1.309	2.231	13.2	20.2
4 21	15 13.57	−14 43.8	1.243	2.217	8.5	19.9
5 1	15 3.79	−14 44.2	1.200	2.204	3.3	19.5
5 11	14 52.86	−14 43.6	1.183	2.190	2.6	19.4
5 21	14 42.24	−14 45.2	1.190	2.177	8.0	19.7
5 31	14 33.36	−14 53.0	1.221	2.164	13.1	20.0
6 10	14 27.26	−15 10.1	1.272	2.152	17.6	20.2

355803 2008 SB_{244} 5 7.1 159.°85 2.°9/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.10	−24 6.3	1.589	2.404	17.0	21.9
4 11	15 23.49	−24 24.0	1.511	2.409	13.4	21.7
4 21	15 14.92	−24 27.9	1.455	2.413	9.2	21.4
5 1	15 4.21	−24 16.8	1.422	2.417	4.8	21.2
5 11	14 52.66	−23 52.2	1.416	2.421	3.1	21.1
5 21	14 41.68	−23 18.1	1.436	2.423	6.8	21.3
5 31	14 32.54	−22 40.8	1.481	2.426	11.2	21.6
6 10	14 26.13	−22 7.0	1.549	2.427	15.1	21.8

271194 2003 SA_{321} 5 7.1 309.°41 1.°5/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.45	−13 32.5	1.654	2.499	15.1	20.4
4 11	15 18.42	−13 31.6	1.556	2.476	11.6	20.1
4 21	15 11.76	−13 26.4	1.479	2.453	7.5	19.8
5 1	15 3.06	−13 18.6	1.427	2.430	3.0	19.5
5 11	14 53.34	−13 11.4	1.401	2.408	2.7	19.4
5 21	14 43.78	−13 8.1	1.401	2.386	7.4	19.7
5 31	14 35.60	−13 12.1	1.426	2.364	12.0	19.9
6 10	14 29.72	−13 26.3	1.472	2.343	16.1	20.1

232625 2003 UQ_{177} 5 7.1 168.°51 2.°1/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.72	−23 16.0	2.052	2.863	13.8	20.5
4 11	15 18.77	−23 27.0	1.967	2.864	10.8	20.3
4 21	15 11.60	−23 27.3	1.905	2.865	7.4	20.1
5 1	15 2.88	−23 16.8	1.869	2.865	3.8	19.9
5 11	14 53.52	−22 56.9	1.860	2.866	2.4	19.8
5 21	14 44.54	−22 30.7	1.879	2.866	5.5	20.0
5 31	14 36.88	−22 2.6	1.924	2.866	9.2	20.2
6 10	14 31.23	−21 37.0	1.993	2.867	12.4	20.4

31166 1997 WX_{45} 5 7.1 270.°26 0.°5/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.27	−18 53.6	1.649	2.483	15.6	19.3
4 11	15 19.90	−18 15.2	1.544	2.457	12.1	19.0
4 21	15 12.76	−17 22.7	1.460	2.431	7.9	18.7
5 1	15 3.47	−16 18.1	1.401	2.404	3.1	18.3
5 11	14 53.10	−15 6.3	1.369	2.377	2.3	18.2
5 21	14 42.92	−13 54.0	1.364	2.349	7.5	18.5
5 31	14 34.19	−12 48.9	1.383	2.320	12.4	18.7
6 10	14 27.90	−11 57.6	1.424	2.291	16.8	18.9

146194 2000 TO_{51} 5 7.1 174.°68 0.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.49	−16 24.2	2.975	3.781	10.1	20.5
4 11	15 18.59	−16 37.8	2.885	3.784	7.7	20.3
4 21	15 11.15	−16 47.5	2.821	3.786	4.9	20.2
5 1	15 2.64	−16 53.9	2.785	3.787	1.9	19.9
5 11	14 53.71	−16 57.9	2.780	3.788	1.2	19.9
5 21	14 45.02	−17 1.1	2.806	3.789	4.3	20.1
5 31	14 37.21	−17 5.1	2.861	3.789	7.1	20.3
6 10	14 30.78	−17 12.0	2.941	3.789	9.6	20.5

291693 2006 HB_{108} 5 7.1 71.°94 2.°4/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.02	−12 27.2	1.910	2.751	13.5	21.1
4 11	15 16.63	−11 51.0	1.836	2.754	10.2	20.9
4 21	15 10.17	−11 9.8	1.785	2.758	6.5	20.7
5 1	15 2.30	−10 27.4	1.760	2.761	3.1	20.4
5 11	14 53.94	− 9 48.2	1.763	2.765	3.3	20.5
5 21	14 46.02	− 9 16.3	1.792	2.768	6.9	20.7
5 31	14 39.40	− 8 55.2	1.847	2.771	10.6	20.9
6 10	14 34.69	− 8 47.2	1.924	2.775	13.8	21.1

363429 2003 SR_{32} 5 7.1 231.°42 1.°3/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.92	−15 44.5	1.911	2.741	14.0	22.0
4 11	15 19.83	−15 11.8	1.817	2.729	10.7	21.8
4 21	15 12.38	−14 30.6	1.745	2.715	6.9	21.5
5 1	15 3.23	−13 43.5	1.699	2.701	2.7	21.2
5 11	14 53.32	−12 54.8	1.681	2.687	2.5	21.1
5 21	14 43.72	−12 9.2	1.691	2.671	6.8	21.4
5 31	14 35.44	−11 31.9	1.727	2.655	10.9	21.6
6 10	14 29.24	−11 6.5	1.786	2.639	14.6	21.8

250755 2005 SG_{214} 5 7.1 275.°04 3.°6/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.89	−27 34.2	2.426	3.213	12.7	20.4
4 11	15 18.86	−28 6.6	2.320	3.196	10.2	20.2
4 21	15 11.71	−28 28.7	2.237	3.180	7.5	20.0
5 1	15 2.97	−28 38.7	2.179	3.163	4.8	19.8
5 11	14 53.46	−28 36.4	2.150	3.146	3.7	19.7
5 21	14 44.09	−28 23.3	2.149	3.129	5.6	19.8
5 31	14 35.79	−28 2.7	2.174	3.112	8.5	19.9
6 10	14 29.28	−27 39.3	2.225	3.095	11.4	20.1

512329 2016 LU_{13} 5 7.1 254.°87 5.°8/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.57	− 1 17.3	2.223	3.054	12.3	21.4
4 11	15 18.44	− 0 28.7	2.128	3.032	9.8	21.2
4 21	15 11.34	+ 0 17.3	2.056	3.010	7.3	21.0
5 1	15 2.79	+ 0 56.0	2.011	2.987	5.8	20.9
5 11	14 53.60	+ 1 22.4	1.994	2.964	6.6	20.9
5 21	14 44.60	+ 1 33.1	2.003	2.940	9.1	21.0
5 31	14 36.64	+ 1 26.3	2.038	2.915	12.0	21.1
6 10	14 30.38	+ 1 1.8	2.094	2.890	14.7	21.2

422589 2014 TZ_{62} 5 7.1 306.°81 7.°4/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.23	− 6 28.0	1.207	2.080	17.7	21.0
4 11	15 16.65	− 4 59.6	1.122	2.055	13.9	20.7
4 21	15 10.95	− 3 24.2	1.058	2.030	10.0	20.4
5 1	15 2.84	− 1 51.6	1.015	2.005	7.5	20.2
5 11	14 53.52	− 0 33.1	0.995	1.981	9.0	20.2
5 21	14 44.48	+ 0 21.1	0.998	1.957	13.3	20.3
5 31	14 37.18	+ 0 44.6	1.020	1.934	18.0	20.5
6 10	14 32.68	+ 0 36.1	1.058	1.911	22.3	20.7

124908 2001 TW_{59} 5 7.1 241.°93 0.°0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.38	−19 11.8	2.066	2.887	13.4	21.3
4 11	15 18.54	−18 45.1	1.966	2.873	10.3	21.0
4 21	15 11.50	−18 8.0	1.890	2.857	6.7	20.8
5 1	15 2.88	−17 22.3	1.840	2.842	2.6	20.5
5 11	14 53.55	−16 31.2	1.818	2.826	1.7	20.4
5 21	14 44.49	−15 39.4	1.824	2.809	5.9	20.6
5 31	14 36.65	−14 52.1	1.857	2.791	9.9	20.8
6 10	14 30.75	−14 13.8	1.913	2.774	13.4	21.0

334841 2003 TL_{26} 5 7.1 214.°41 2.°7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.57	− 9 5.3	2.657	3.482	10.6	21.9
4 11	15 17.30	− 8 36.8	2.564	3.473	8.1	21.7
4 21	15 10.40	− 8 6.7	2.496	3.463	5.4	21.5
5 1	15 2.38	− 7 37.6	2.457	3.453	3.0	21.3
5 11	14 53.89	− 7 12.6	2.446	3.442	3.4	21.4
5 21	14 45.64	− 6 54.3	2.465	3.430	6.0	21.5
5 31	14 38.29	− 6 45.1	2.511	3.418	8.9	21.7
6 10	14 32.40	− 6 46.2	2.582	3.405	11.5	21.8

297049 2010 HS_{48} 5 7.1 22.°80 0.°9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.55	−22 39.4	4.291	5.090	7.4	20.1
4 11	15 10.01	−22 30.0	4.200	5.091	5.7	20.0
4 21	15 5.53	−22 15.0	4.134	5.092	3.8	19.9
5 1	15 0.45	−21 55.1	4.096	5.093	1.8	19.7
5 11	14 55.14	−21 31.6	4.088	5.095	1.1	19.7
5 21	14 50.00	−21 6.0	4.110	5.096	2.8	19.8
5 31	14 45.39	−20 40.2	4.160	5.097	4.8	19.9
6 10	14 41.64	−20 16.1	4.236	5.099	6.6	20.1

505810 2015 BJ_{411} 5 7.1 325.°34 1.°7/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.20	−21 58.2	1.649	2.480	15.8	21.1
4 11	15 18.16	−22 1.5	1.565	2.474	12.3	20.9
4 21	15 11.51	−21 52.5	1.502	2.468	8.3	20.6
5 1	15 2.94	−21 31.6	1.463	2.462	3.9	20.3
5 11	14 53.56	−21 1.1	1.449	2.457	2.2	20.2
5 21	14 44.59	−20 25.3	1.462	2.452	6.4	20.5
5 31	14 37.16	−19 49.9	1.500	2.447	10.8	20.7
6 10	14 32.11	−19 20.4	1.559	2.443	14.7	20.9

71161 1999 XX_{195} 5 7.1 198.°17 3.°9/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.62	−29 59.9	2.459	3.234	12.8	20.0
4 11	15 19.26	−30 13.5	2.364	3.231	10.4	19.8
4 21	15 11.85	−30 13.8	2.291	3.228	7.7	19.6
5 1	15 3.00	−29 59.6	2.245	3.224	5.1	19.4
5 11	14 53.54	−29 31.6	2.226	3.220	3.9	19.3
5 21	14 44.39	−28 52.3	2.235	3.215	5.5	19.4
5 31	14 36.42	−28 6.2	2.272	3.209	8.2	19.6
6 10	14 30.29	−27 18.7	2.334	3.204	11.0	19.8

133551 2003 TU_{57} 5 7.1 213.°56 1.°9/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.31	−13 26.9	2.214	3.046	12.2	20.8
4 11	15 16.67	−12 50.8	2.128	3.041	9.3	20.6
4 21	15 10.14	−12 9.3	2.065	3.036	5.9	20.4
5 1	15 2.32	−11 25.3	2.030	3.031	2.6	20.1
5 11	14 53.99	−10 42.7	2.023	3.026	2.8	20.1
5 21	14 45.99	−10 5.4	2.044	3.020	6.2	20.3
5 31	14 39.09	− 9 37.0	2.092	3.014	9.6	20.5
6 10	14 33.91	− 9 20.0	2.163	3.008	12.7	20.7

215651 2003 UT_{110} 5 7.1 170.°93 1.°0/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.14	−16 22.2	1.920	2.748	14.0	21.3
4 11	15 19.81	−15 51.8	1.841	2.752	10.7	21.1
4 21	15 12.24	−15 13.2	1.785	2.755	6.8	20.9
5 1	15 3.14	−14 29.1	1.755	2.757	2.6	20.6
5 11	14 53.49	−13 43.5	1.753	2.759	2.2	20.6
5 21	14 44.30	−13 1.0	1.779	2.760	6.4	20.8
5 31	14 36.50	−12 26.2	1.831	2.761	10.3	21.1
6 10	14 30.77	−12 2.5	1.906	2.761	13.7	21.3

275415 2011 CS_3 5 7.2 123.°92 3.°3/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.47	−10 45.8	1.903	2.743	13.6	21.0
4 11	15 17.64	− 9 49.0	1.836	2.753	10.3	20.8
4 21	15 10.77	− 8 48.1	1.792	2.763	6.7	20.6
5 1	15 2.54	− 7 47.7	1.775	2.772	3.7	20.4
5 11	14 53.90	− 6 53.3	1.785	2.781	4.3	20.5
5 21	14 45.77	− 6 9.7	1.823	2.790	7.6	20.7
5 31	14 38.98	− 5 40.4	1.886	2.799	11.0	20.9
6 10	14 34.13	− 5 27.0	1.971	2.807	14.1	21.1

495470 2014 TM_{82} 5 7.2 196.°03 3.°9/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.75	− 9 1.9	1.832	2.671	14.1	21.7
4 11	15 19.59	− 8 15.1	1.754	2.670	10.8	21.4
4 21	15 12.16	− 7 25.4	1.698	2.667	7.2	21.2
5 1	15 3.13	− 6 37.2	1.668	2.664	4.2	21.0
5 11	14 53.51	− 5 56.0	1.666	2.660	4.8	21.0
5 21	14 44.30	− 5 26.1	1.690	2.656	8.2	21.2
5 31	14 36.49	− 5 11.0	1.740	2.651	11.9	21.4
6 10	14 30.75	− 5 12.1	1.811	2.646	15.2	21.6

460523 2014 TJ_{11} 5 7.2 315.°22 1.°4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.11	−23 8.0	1.268	2.116	18.6	20.6
4 11	15 17.32	−22 39.0	1.185	2.103	14.6	20.3
4 21	15 11.35	−21 49.8	1.120	2.091	9.8	20.0
5 1	15 2.98	−20 41.5	1.077	2.078	4.3	19.6
5 11	14 53.56	−19 19.6	1.058	2.066	2.3	19.5
5 21	14 44.61	−17 52.9	1.063	2.055	7.8	19.8
5 31	14 37.58	−16 31.7	1.091	2.044	13.3	20.0
6 10	14 33.45	−15 25.0	1.139	2.034	18.1	20.3

187436 2005 WN_{57} 5 7.2 285.°71 4.°3/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.01	+ 4 44.1	4.418	5.236	6.8	19.8
4 11	15 8.79	+ 5 31.8	4.341	5.228	5.6	19.7
4 21	15 4.74	+ 6 15.6	4.291	5.219	4.7	19.7
5 1	15 0.16	+ 6 52.8	4.268	5.211	4.3	19.6
5 11	14 55.38	+ 7 21.3	4.273	5.202	4.8	19.6
5 21	14 50.74	+ 7 39.7	4.305	5.194	5.9	19.7
5 31	14 46.56	+ 7 47.1	4.362	5.186	7.1	19.8
6 10	14 43.12	+ 7 43.4	4.442	5.177	8.4	19.9

385097 2012 VX_{41} 5 7.2 286.°24 1.°0/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.46	−16 7.3	2.006	2.841	13.2	21.2
4 11	15 16.25	−15 38.0	1.922	2.837	10.1	21.0
4 21	15 9.98	−15 1.1	1.861	2.833	6.4	20.8
5 1	15 2.29	−14 19.2	1.826	2.829	2.5	20.5
5 11	14 54.04	−13 36.1	1.818	2.825	2.2	20.5
5 21	14 46.16	−12 56.1	1.838	2.821	6.1	20.8
5 31	14 39.49	−12 23.6	1.884	2.817	9.9	21.0
6 10	14 34.68	−12 1.6	1.952	2.813	13.2	21.2

80380 1999 XZ_{159} 5 7.2 189.°95 1.°9/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.68	−14 36.3	1.615	2.452	15.7	19.6
4 11	15 21.42	−14 1.6	1.536	2.452	12.0	19.4
4 21	15 13.50	−13 18.7	1.479	2.451	7.7	19.1
5 1	15 3.70	−12 31.2	1.447	2.449	3.2	18.9
5 11	14 53.16	−11 44.0	1.442	2.447	3.2	18.9
5 21	14 43.13	−11 2.8	1.464	2.444	7.7	19.1
5 31	14 34.74	−10 32.6	1.510	2.440	12.1	19.4
6 10	14 28.78	−10 16.7	1.579	2.435	16.0	19.6

127546 2002 XU_{93} 5 7.2 7.°75 2.°3/ 1.0 11 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.08	+75 24.7	24.456	24.597	2.3	22.2
4 11	15 9.98	+75 33.6	24.514	24.613	2.3	22.2
4 21	15 5.33	+75 38.5	24.575	24.628	2.3	22.2
5 1	15 0.35	+75 39.1	24.637	24.643	2.3	22.2
5 11	14 55.29	+75 35.3	24.700	24.659	2.3	22.2
5 21	14 50.39	+75 27.1	24.761	24.674	2.3	22.2
5 31	14 45.89	+75 14.8	24.821	24.689	2.3	22.2
6 10	14 41.98	+74 58.7	24.877	24.705	2.3	22.2

417209 2005 XY_{61} 5 7.2 119.°29 0.°3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.52	−15 54.2	2.155	2.973	13.0	21.5
4 11	15 21.28	−15 58.6	2.086	2.991	9.9	21.3
4 21	15 13.02	−15 57.7	2.041	3.008	6.3	21.1
5 1	15 3.41	−15 52.7	2.023	3.025	2.4	20.9
5 11	14 53.39	−15 45.5	2.034	3.041	1.6	20.9
5 21	14 43.86	−15 38.5	2.074	3.057	5.5	21.2
5 31	14 35.67	−15 34.6	2.142	3.072	9.0	21.4
6 10	14 29.41	−15 36.2	2.233	3.087	12.0	21.6

357975 2006 BE_{151} 5 7.2 351.°32 7.°7/ 3.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.86	− 2 17.5	1.330	2.189	17.2	20.8
4 11	15 19.57	− 1 15.8	1.266	2.188	13.6	20.6
4 21	15 12.44	− 0 18.0	1.223	2.187	10.0	20.4
5 1	15 3.30	+ 0 27.8	1.203	2.186	7.8	20.3
5 11	14 53.44	+ 0 54.1	1.207	2.186	8.8	20.3
5 21	14 44.18	+ 0 56.4	1.234	2.186	12.1	20.5
5 31	14 36.74	+ 0 33.4	1.283	2.186	15.8	20.7
6 10	14 31.91	− 0 12.8	1.350	2.186	19.3	20.9

508093 2015 DA_{118} 5 7.2 337.°46 5.°4/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.16	−26 8.0	1.517	2.337	17.5	20.2
4 11	15 21.06	−27 21.4	1.430	2.325	14.2	19.9
4 21	15 13.79	−28 24.4	1.362	2.314	10.4	19.7
5 1	15 4.00	−29 12.5	1.317	2.303	6.8	19.4
5 11	14 52.90	−29 43.0	1.297	2.293	5.5	19.3
5 21	14 42.02	−29 56.2	1.302	2.284	8.1	19.4
5 31	14 32.86	−29 56.0	1.330	2.276	12.0	19.6
6 10	14 26.55	−29 49.3	1.380	2.269	15.9	19.8

480794 2016 PQ_{53} 5 7.2 187.°81 2.°2/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.76	−10 38.8	2.285	3.117	11.9	21.0
4 11	15 16.92	−10 25.0	2.204	3.117	9.0	20.8
4 21	15 10.27	−10 9.3	2.147	3.117	5.8	20.6
5 1	15 2.38	− 9 54.1	2.117	3.117	2.8	20.4
5 11	14 54.02	− 9 42.2	2.116	3.117	3.0	20.4
5 21	14 45.99	− 9 36.0	2.142	3.116	6.1	20.6
5 31	14 39.03	− 9 37.7	2.195	3.116	9.3	20.8
6 10	14 33.72	− 9 48.7	2.271	3.115	12.2	21.0

105629 2000 SS_5 5 7.2 279.°06 2.°2/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.88	−26 18.0	2.247	3.050	13.0	19.8
4 11	15 15.77	−25 52.6	2.149	3.039	10.3	19.6
4 21	15 9.67	−25 12.8	2.073	3.028	7.1	19.4
5 1	15 2.19	−24 19.2	2.023	3.017	3.8	19.2
5 11	14 54.14	−23 14.7	2.001	3.006	2.3	19.1
5 21	14 46.41	−22 3.7	2.007	2.995	5.1	19.2
5 31	14 39.84	−20 52.0	2.040	2.984	8.6	19.4
6 10	14 35.06	−19 45.4	2.097	2.972	11.8	19.6

173323 1999 VD_{134} 5 7.2 141.°04 0.°4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.97	−20 55.6	1.725	2.553	15.4	20.6
4 11	15 19.18	−20 21.9	1.650	2.558	11.8	20.3
4 21	15 11.96	−19 34.9	1.596	2.564	7.7	20.1
5 1	15 3.07	−18 37.0	1.567	2.569	3.1	19.8
5 11	14 53.62	−17 32.8	1.566	2.574	1.7	19.7
5 21	14 44.72	−16 28.4	1.591	2.578	6.3	20.1
5 31	14 37.38	−15 30.1	1.643	2.583	10.6	20.3
6 10	14 32.32	−14 43.1	1.716	2.586	14.3	20.5

199 Byblis 5 7.2 326.°05 6.°5/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.16	+ 0 21.2	1.933	2.774	13.4	12.9
4 11	15 16.83	+ 0 50.1	1.851	2.759	10.7	12.7
4 21	15 10.41	+ 1 12.9	1.791	2.746	8.1	12.5
5 1	15 2.50	+ 1 24.6	1.756	2.732	6.5	12.4
5 11	14 53.95	+ 1 21.1	1.747	2.719	7.2	12.4
5 21	14 45.71	+ 0 59.9	1.764	2.707	9.7	12.5
5 31	14 38.66	+ 0 20.5	1.805	2.695	12.6	12.7
6 10	14 33.48	− 0 35.6	1.866	2.683	15.5	12.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
219622	2001 TP_{191}		5 7.2	166.°00	0.°8/ 7.8	17
	h m	° ′			°	m
4 1	15 24.22	−21 6.8	2.212	3.024	12.9	21.8
4 11	15 18.90	−20 48.6	2.129	3.029	10.0	21.6
4 21	15 11.58	−20 20.3	2.069	3.033	6.5	21.4
5 1	15 2.90	−19 43.2	2.036	3.037	2.8	21.1
5 11	14 53.73	−19 0.0	2.032	3.040	1.5	21.1
5 21	14 44.98	−18 14.7	2.056	3.042	5.2	21.3
5 31	14 37.46	−17 31.9	2.108	3.044	8.8	21.5
6 10	14 31.80	−16 55.6	2.184	3.046	11.9	21.7
304725	2006 XA_{26}		5 7.2	232.°82	4.°7/ 3.2	18
4 1	15 21.72	− 1 7.5	2.765	3.589	10.3	20.9
4 11	15 16.60	− 0 36.4	2.676	3.576	8.1	20.8
4 21	15 9.96	− 0 8.5	2.611	3.564	6.0	20.6
5 1	15 2.26	+ 0 12.8	2.574	3.550	4.7	20.5
5 11	14 54.12	+ 0 24.4	2.566	3.537	5.3	20.5
5 21	14 46.20	+ 0 24.1	2.586	3.523	7.3	20.6
5 31	14 39.13	+ 0 10.9	2.632	3.508	9.6	20.8
6 10	14 33.41	− 0 15.1	2.701	3.493	11.9	20.9
83745	2001 TP_{136}		5 7.2	240.°37	3.°5/ 4.7	18
4 1	15 21.87	− 6 55.8	2.227	3.062	12.1	19.4
4 11	15 17.05	− 6 32.7	2.145	3.058	9.3	19.2
4 21	15 10.39	− 6 9.8	2.088	3.054	6.2	19.0
5 1	15 2.45	− 5 50.4	2.057	3.050	3.8	18.8
5 11	14 54.01	− 5 37.9	2.053	3.046	4.3	18.9
5 21	14 45.89	− 5 34.8	2.078	3.042	7.1	19.0
5 31	14 38.86	− 5 43.0	2.128	3.037	10.1	19.2
6 10	14 33.50	− 6 3.0	2.202	3.033	13.0	19.4
414053	2007 RL_{250}		5 7.2	221.°40	0.°8/ 7.7	16
4 1	15 24.76	−21 35.3	1.716	2.541	15.5	21.9
4 11	15 20.00	−21 7.2	1.628	2.534	12.1	21.7
4 21	15 12.64	−20 25.0	1.561	2.527	7.9	21.4
5 1	15 3.40	−19 30.1	1.519	2.520	3.3	21.1
5 11	14 53.40	−18 26.6	1.504	2.512	1.8	21.0
5 21	14 43.83	−17 20.5	1.516	2.503	6.5	21.3
5 31	14 35.81	−16 18.7	1.553	2.494	11.0	21.5
6 10	14 30.14	−15 27.4	1.613	2.485	15.0	21.7
268962	2007 EL_{6}		5 7.2	315.°25	3.°3/ 5.0	17
4 1	15 19.13	−12 12.4	1.504	2.362	15.6	20.8
4 11	15 15.97	−11 22.2	1.417	2.344	12.0	20.5
4 21	15 10.21	−10 24.1	1.351	2.327	7.8	20.2
5 1	15 2.51	− 9 23.0	1.309	2.310	3.9	20.0
5 11	14 53.94	− 8 25.6	1.293	2.293	4.6	20.0
5 21	14 45.70	− 7 38.6	1.301	2.277	8.9	20.2
5 31	14 38.94	− 7 7.6	1.332	2.262	13.4	20.4
6 10	14 34.53	− 6 55.7	1.383	2.247	17.4	20.6
411791	2012 CZ_{25}		5 7.2	91.°31	3.°4/ 9.1	17
4 1	15 25.57	−25 38.0	1.542	2.362	17.2	21.2
4 11	15 20.92	−25 51.3	1.466	2.365	13.7	21.0
4 21	15 13.36	−25 49.0	1.410	2.368	9.6	20.7
5 1	15 3.71	−25 29.7	1.378	2.371	5.3	20.5
5 11	14 53.23	−24 55.5	1.370	2.374	3.5	20.4
5 21	14 43.32	−24 10.8	1.389	2.377	6.9	20.6
5 31	14 35.24	−23 22.7	1.432	2.381	11.2	20.9
6 10	14 29.83	−22 38.5	1.497	2.384	15.1	21.1
221013	2005 OA_{27}		5 7.2	214.°12	0.°4/ 7.5	17
4 1	15 24.62	−19 28.8	2.071	2.889	13.5	21.9
4 11	15 19.45	−19 17.8	1.979	2.883	10.4	21.6
4 21	15 12.09	−18 57.6	1.910	2.876	6.8	21.4
5 1	15 3.16	−18 29.2	1.867	2.869	2.8	21.1
5 11	14 53.57	−17 55.4	1.853	2.861	1.6	21.0
5 21	14 44.30	−17 19.8	1.867	2.852	5.7	21.3
5 31	14 36.30	−16 46.9	1.907	2.844	9.6	21.5
6 10	14 30.26	−16 20.8	1.971	2.834	13.0	21.7
485416	2011 OJ_{60}		5 7.2	318.°06	1.°1/ 8.5	18
4 1	15 14.28	−22 57.0	4.105	4.902	7.7	21.3
4 11	15 10.64	−22 51.5	4.009	4.898	6.0	21.1
4 21	15 6.00	−22 40.2	3.938	4.895	4.0	21.0
5 1	15 0.69	−22 23.5	3.895	4.891	2.0	20.8
5 11	14 55.13	−22 2.8	3.882	4.888	1.2	20.8
5 21	14 49.72	−21 39.5	3.898	4.885	3.0	20.9
5 31	14 44.87	−21 15.7	3.943	4.881	5.0	21.0
6 10	14 40.93	−20 53.3	4.014	4.878	6.9	21.2
68215	2001 CK_{25}		5 7.2	200.°64	1.°4/ 6.2	17
4 1	15 25.71	−14 38.0	2.012	2.839	13.5	20.7
4 11	15 20.24	−14 11.3	1.925	2.835	10.3	20.4
4 21	15 12.57	−13 38.1	1.861	2.831	6.6	20.2
5 1	15 3.34	−13 0.9	1.823	2.825	2.7	19.9
5 11	14 53.48	−12 23.5	1.814	2.819	2.5	19.9
5 21	14 43.98	−11 49.9	1.833	2.812	6.5	20.2
5 31	14 35.78	−11 24.2	1.879	2.805	10.3	20.4
6 10	14 29.57	−11 9.3	1.948	2.796	13.7	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
447785	2007 RQ_{221}		5 7.2	203.°84	0.°1/ 7.0	17
	h m	° ′			°	m
4 1	15 15.84	−17 39.5	4.070	4.880	7.5	22.9
4 11	15 11.76	−17 20.7	3.974	4.875	5.7	22.8
4 21	15 6.69	−16 57.5	3.904	4.870	3.6	22.6
5 1	15 0.96	−16 31.2	3.862	4.865	1.4	22.5
5 11	14 54.97	−16 3.4	3.851	4.859	0.9	22.4
5 21	14 49.15	−15 35.8	3.870	4.853	3.2	22.6
5 31	14 43.89	−15 10.4	3.918	4.847	5.4	22.7
6 10	14 39.52	−14 48.9	3.993	4.840	7.3	22.9
390730	2003 JK_{18}		5 7.2	46.°85	0.°2/ 7.4	17
4 1	15 19.40	−19 51.4	2.177	3.002	12.7	21.0
4 11	15 15.26	−19 25.6	2.099	3.007	9.7	20.8
4 21	15 9.26	−18 50.5	2.044	3.012	6.2	20.6
5 1	15 2.01	−18 7.9	2.016	3.018	2.5	20.4
5 11	14 54.33	−17 21.1	2.015	3.024	1.4	20.3
5 21	14 47.04	−16 34.4	2.043	3.029	5.2	20.6
5 31	14 40.92	−15 52.1	2.097	3.035	8.7	20.8
6 10	14 36.52	−15 17.7	2.174	3.041	11.8	21.0
500950	2013 QT_{15}		5 7.2	169.°59	7.°0/ 1.7	17
4 1	15 22.51	+ 1 53.7	2.108	2.939	12.8	21.9
4 11	15 17.51	+ 2 57.9	2.042	2.942	10.3	21.8
4 21	15 10.65	+ 3 56.2	2.000	2.945	8.1	21.6
5 1	15 2.54	+ 4 43.0	1.984	2.947	7.1	21.6
5 11	14 54.00	+ 5 13.2	1.995	2.948	7.9	21.6
5 21	14 45.89	+ 5 23.9	2.031	2.949	10.0	21.7
5 31	14 38.96	+ 5 14.3	2.091	2.950	12.4	21.9
6 10	14 33.78	+ 4 45.7	2.172	2.951	14.8	22.1
100931	1998 MP_{11}		5 7.2	337.°02	0.°6/ 6.7	17
4 1	15 9.97	−22 33.9	1.021	1.898	19.8	18.4
4 11	15 10.07	−21 16.3	0.937	1.874	15.4	18.1
4 21	15 6.97	−19 27.1	0.870	1.851	10.0	17.7
5 1	15 1.38	−17 10.8	0.825	1.829	3.9	17.3
5 11	14 54.66	−14 38.5	0.802	1.810	3.0	17.1
5 21	14 48.37	−12 6.5	0.800	1.792	9.6	17.4
5 31	14 44.05	− 9 52.1	0.819	1.777	15.9	17.7
6 10	14 42.74	− 8 7.5	0.855	1.764	21.3	17.9
45241	1999 XE_{238}		5 7.2	210.°22	0.°0/ 7.1	18
4 1	15 24.92	−18 41.4	2.098	2.917	13.3	20.5
4 11	15 19.63	−18 16.7	2.005	2.910	10.2	20.3
4 21	15 12.18	−17 42.5	1.935	2.902	6.6	20.0
5 1	15 3.20	−17 0.5	1.892	2.894	2.6	19.8
5 11	14 53.58	−16 14.1	1.878	2.885	1.7	19.7
5 21	14 44.29	−15 27.6	1.892	2.876	5.8	19.9
5 31	14 36.25	−14 45.7	1.933	2.865	9.7	20.2
6 10	14 30.16	−14 12.5	1.997	2.854	13.1	20.3
34136	2000 QF_{6}		5 7.2	300.°89	4.°7/ 9.5	18
4 1	15 24.10	−27 12.8	1.375	2.200	18.6	18.5
4 11	15 20.46	−27 39.1	1.287	2.187	15.1	18.2
4 21	15 13.48	−27 47.9	1.218	2.174	10.9	17.9
5 1	15 3.91	−27 36.2	1.171	2.161	6.6	17.6
5 11	14 53.08	−27 4.3	1.147	2.149	4.8	17.5
5 21	14 42.61	−26 16.5	1.148	2.137	8.0	17.6
5 31	14 34.06	−25 20.6	1.172	2.125	12.6	17.8
6 10	14 28.56	−24 26.1	1.216	2.113	17.1	18.1
391696	2008 AF_{129}		5 7.2	202.°72	3.°6/ 4.3	17
4 1	15 21.16	− 6 6.4	2.515	3.346	11.0	21.4
4 11	15 16.30	− 5 37.0	2.433	3.343	8.4	21.2
4 21	15 9.82	− 5 8.1	2.376	3.340	5.8	21.1
5 1	15 2.23	− 4 42.9	2.346	3.337	3.8	20.9
5 11	14 54.22	− 4 24.5	2.345	3.333	4.3	20.9
5 21	14 46.50	− 4 15.5	2.372	3.329	6.7	21.1
5 31	14 39.73	− 4 17.5	2.425	3.325	9.4	21.3
6 10	14 34.45	− 4 31.2	2.501	3.321	11.9	21.4
423738	2006 BM_{220}		5 7.2	163.°94	2.°4/ 5.6	17
4 1	15 22.38	−12 2.7	1.892	2.731	13.7	21.1
4 11	15 17.75	−11 33.3	1.815	2.732	10.4	20.8
4 21	15 10.98	−10 59.6	1.761	2.733	6.7	20.6
5 1	15 2.72	−10 24.9	1.733	2.733	3.1	20.4
5 11	14 53.91	− 9 53.4	1.732	2.734	3.4	20.4
5 21	14 45.52	− 9 29.0	1.758	2.734	7.0	20.6
5 31	14 38.45	− 9 15.0	1.810	2.735	10.7	20.8
6 10	14 33.35	− 9 13.3	1.884	2.735	14.0	21.1
429173	2009 VE_{72}		5 7.2	175.°13	1.°8/ 5.6	17
4 1	15 22.88	−13 21.1	2.416	3.240	11.6	22.4
4 11	15 17.65	−12 40.4	2.334	3.244	8.8	22.2
4 21	15 10.68	−11 54.6	2.277	3.246	5.6	22.0
5 1	15 2.56	−11 6.7	2.247	3.248	2.5	21.8
5 11	14 54.02	−10 20.4	2.247	3.249	2.7	21.8
5 21	14 45.84	− 9 39.3	2.276	3.249	5.8	22.0
5 31	14 38.73	− 9 7.0	2.332	3.249	9.0	22.2
6 10	14 33.22	− 8 45.6	2.412	3.248	11.8	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
253907	2004 BU_{152}		5	7.2	352.°17	4.°1/ 9.2 17
	h m	° ′			°	m
4 1	15 22.33	−25 51.3	1.338	2.172	18.6	19.8
4 11	15 18.95	−26 17.4	1.262	2.168	14.9	19.5
4 21	15 12.38	−26 26.9	1.205	2.165	10.5	19.3
5 1	15 3.42	−26 17.7	1.169	2.162	6.1	19.0
5 11	14 53.44	−25 51.1	1.157	2.161	4.2	18.9
5 21	14 43.98	−25 11.4	1.170	2.160	7.6	19.1
5 31	14 36.47	−24 26.3	1.205	2.159	12.2	19.3
6 10	14 31.90	−23 44.0	1.260	2.159	16.4	19.6
232548	2003 SR_{190}		5	7.2	281.°53	1.°5/ 6.1 17
4 1	15 20.52	−15 35.6	1.904	2.742	13.7	20.5
4 11	15 16.48	−14 57.0	1.813	2.730	10.4	20.2
4 21	15 10.27	−14 9.9	1.745	2.718	6.7	20.0
5 1	15 2.48	−13 17.3	1.703	2.706	2.7	19.7
5 11	14 54.05	−12 23.9	1.689	2.694	2.6	19.7
5 21	14 45.93	−11 34.8	1.701	2.682	6.7	19.9
5 31	14 39.06	−10 54.8	1.739	2.670	10.7	20.1
6 10	14 34.14	−10 27.6	1.799	2.658	14.2	20.3
326618	2002 RG_{139}		5	7.2	236.°36	4.°6/ 3.7 18
4 1	15 23.87	− 6 34.4	2.033	2.869	13.0	21.4
4 11	15 18.85	− 5 38.2	1.942	2.854	10.1	21.2
4 21	15 11.71	− 4 39.9	1.874	2.839	7.0	20.9
5 1	15 3.04	− 3 44.6	1.833	2.823	4.8	20.8
5 11	14 53.71	− 2 57.7	1.820	2.806	5.5	20.8
5 21	14 44.64	− 2 23.7	1.834	2.788	8.6	20.9
5 31	14 36.76	− 2 6.0	1.873	2.770	11.9	21.1
6 10	14 30.74	− 2 5.8	1.934	2.751	15.0	21.3
263134	2007 VF_{97}		5	7.2	65.°83	3.°0/ 8.9 17
4 1	15 24.57	−25 30.1	1.455	2.281	17.8	20.7
4 11	15 20.20	−25 28.6	1.385	2.288	14.0	20.5
4 21	15 12.90	−25 9.6	1.335	2.295	9.7	20.3
5 1	15 3.54	−24 33.1	1.307	2.303	5.1	20.0
5 11	14 53.45	−23 42.1	1.305	2.311	3.2	19.9
5 21	14 44.04	−22 42.7	1.328	2.318	6.9	20.2
5 31	14 36.53	−21 42.8	1.376	2.326	11.3	20.4
6 10	14 31.73	−20 49.9	1.445	2.334	15.3	20.7
58909	1998 KP_{30}		5	7.2	29.°36	0.°9/ 6.8 18
4 1	15 25.67	−12 53.1	1.980	2.809	13.6	18.5
4 11	15 20.20	−13 19.8	1.904	2.815	10.3	18.3
4 21	15 12.54	−13 44.6	1.852	2.822	6.6	18.1
5 1	15 3.34	−14 8.4	1.826	2.828	2.6	17.8
5 11	14 53.56	−14 32.1	1.828	2.835	2.0	17.8
5 21	14 44.18	−14 56.8	1.859	2.842	6.0	18.1
5 31	14 36.13	−15 24.2	1.916	2.850	9.7	18.3
6 10	14 30.08	−15 55.8	1.996	2.858	12.9	18.5
430783	2004 TA_{169}		5	7.2	219.°89	0.°6/ 6.8 18
4 1	15 23.96	−16 13.6	2.356	3.175	12.0	21.9
4 11	15 18.69	−15 59.9	2.260	3.166	9.2	21.7
4 21	15 11.50	−15 40.0	2.188	3.156	5.9	21.5
5 1	15 2.94	−15 15.5	2.143	3.145	2.3	21.2
5 11	14 53.80	−14 48.9	2.127	3.134	1.7	21.1
5 21	14 44.91	−14 23.5	2.140	3.122	5.4	21.4
5 31	14 37.08	−14 2.4	2.181	3.110	8.9	21.6
6 10	14 30.95	−13 48.6	2.246	3.097	12.0	21.7
140468	2001 TU_{132}		5	7.2	264.°30	3.°7/10.1 18
4 1	15 21.58	−29 38.3	2.248	3.036	13.5	19.8
4 11	15 17.17	−29 37.6	2.152	3.028	10.9	19.6
4 21	15 10.65	−29 21.9	2.077	3.019	8.0	19.3
5 1	15 2.63	−28 50.5	2.027	3.011	5.1	19.2
5 11	14 54.00	−28 4.9	2.005	3.002	3.7	19.0
5 21	14 45.69	−27 8.4	2.010	2.994	5.6	19.1
5 31	14 38.59	−26 6.6	2.042	2.985	8.6	19.3
6 10	14 33.40	−25 5.4	2.098	2.977	11.7	19.5
466517	2014 QS_{204}		5	7.2	158.°39	0.°4/ 6.9 16
4 1	15 26.42	−18 6.1	1.917	2.740	14.2	22.6
4 11	15 20.79	−17 37.1	1.840	2.748	10.9	22.4
4 21	15 12.90	−16 58.7	1.786	2.755	6.9	22.2
5 1	15 3.48	−16 13.0	1.759	2.761	2.7	21.9
5 11	14 53.53	−15 24.0	1.759	2.767	1.9	21.9
5 21	14 44.09	−14 36.6	1.788	2.772	6.2	22.2
5 31	14 36.10	−13 55.6	1.843	2.776	10.1	22.4
6 10	14 30.22	−13 24.9	1.922	2.779	13.5	22.6
275163	2009 WG_9		5	7.2	153.°51	0.°7/ 6.6 17
4 1	15 22.83	−17 2.7	2.042	2.870	13.3	21.4
4 11	15 17.96	−16 31.5	1.964	2.875	10.1	21.2
4 21	15 11.05	−15 52.1	1.910	2.880	6.4	21.0
5 1	15 2.76	−15 7.1	1.881	2.884	2.5	20.7
5 11	14 53.98	−14 20.2	1.881	2.888	2.0	20.7
5 21	14 45.64	−13 36.0	1.909	2.891	5.9	21.0
5 31	14 38.58	−12 58.7	1.963	2.894	9.6	21.2
6 10	14 33.41	−12 31.7	2.040	2.897	12.8	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
270570	2002 JV_{41}		5	7.2	318.°65	2.°4/ 8.3 17
	h m	° ′			°	m
4 1	15 25.09	−21 30.4	1.714	2.538	15.6	20.0
4 11	15 20.45	−22 6.6	1.625	2.529	12.2	19.8
4 21	15 13.10	−22 34.3	1.557	2.520	8.3	19.5
5 1	15 3.70	−22 51.9	1.514	2.512	4.2	19.3
5 11	14 53.34	−22 59.7	1.498	2.503	2.7	19.2
5 21	14 43.25	−22 59.6	1.507	2.496	6.5	19.4
5 31	14 34.67	−22 55.5	1.542	2.488	10.7	19.6
6 10	14 28.49	−22 52.1	1.600	2.481	14.5	19.8
260551	2005 EN_{187}		5	7.2	57.°46	0.°6/ 6.8 17
4 1	15 23.63	−17 56.9	1.370	2.218	17.4	20.7
4 11	15 19.34	−17 28.2	1.311	2.231	13.3	20.5
4 21	15 12.25	−16 47.9	1.271	2.245	8.5	20.3
5 1	15 3.26	−15 59.5	1.256	2.259	3.2	20.0
5 11	14 53.70	−15 8.5	1.265	2.273	2.3	20.0
5 21	14 44.90	−14 21.1	1.300	2.287	7.4	20.3
5 31	14 37.98	−13 43.4	1.358	2.301	12.1	20.6
6 10	14 33.68	−13 19.6	1.437	2.316	16.0	20.9
64711	2001 XM_{98}		5	7.2	58.°61	2.°3/ 5.7 18
4 1	15 22.27	−10 17.7	2.154	2.989	12.4	19.2
4 11	15 17.39	−10 8.8	2.081	2.995	9.4	19.0
4 21	15 10.62	− 9 58.5	2.031	3.001	6.1	18.8
5 1	15 2.58	− 9 49.2	2.008	3.007	2.9	18.6
5 11	14 54.09	− 9 43.6	2.012	3.014	3.1	18.6
5 21	14 45.99	− 9 43.9	2.045	3.020	6.3	18.8
5 31	14 39.05	− 9 52.1	2.104	3.027	9.6	19.0
6 10	14 33.85	−10 9.3	2.186	3.033	12.5	19.3
217997	2001 XY_{14}		5	7.2	199.°26	1.°6/ 8.2 18
4 1	15 25.99	−22 2.9	2.276	3.080	12.9	20.5
4 11	15 20.37	−22 10.2	2.183	3.077	10.0	20.3
4 21	15 12.64	−22 8.4	2.114	3.073	6.7	20.1
5 1	15 3.42	−21 57.2	2.071	3.068	3.2	19.8
5 11	14 53.56	−21 38.3	2.057	3.063	1.9	19.7
5 21	14 44.00	−21 14.2	2.071	3.057	5.2	19.9
5 31	14 35.63	−20 48.8	2.113	3.051	8.7	20.1
6 10	14 29.13	−20 26.2	2.180	3.044	11.9	20.3
306612	2000 PU_{27}		5	7.2	203.°90	6.°6/15.1 18
4 1	15 26.24	−45 54.2	3.388	4.051	11.6	21.0
4 11	15 20.30	−46 13.2	3.284	4.045	10.3	20.9
4 21	15 12.46	−46 15.7	3.199	4.038	8.8	20.8
5 1	15 3.31	−45 59.3	3.138	4.031	7.5	20.7
5 11	14 53.65	−45 23.3	3.102	4.023	6.7	20.6
5 21	14 44.33	−44 29.3	3.093	4.015	6.8	20.6
5 31	14 36.13	−43 20.9	3.112	4.006	7.8	20.6
6 10	14 29.67	−42 3.4	3.156	3.997	9.2	20.7
429106	2009 SJ_{79}		5	7.2	75.°55	2.°4/ 5.4 17
4 1	15 21.15	−15 25.3	1.669	2.513	15.0	20.7
4 11	15 16.97	−14 12.6	1.602	2.523	11.3	20.5
4 21	15 10.51	−12 50.0	1.558	2.532	7.2	20.3
5 1	15 2.56	−11 22.8	1.540	2.542	3.1	20.1
5 11	14 54.15	− 9 58.4	1.549	2.551	3.6	20.1
5 21	14 46.33	− 8 43.6	1.585	2.561	7.6	20.4
5 31	14 40.01	− 7 44.3	1.645	2.571	11.6	20.6
6 10	14 35.83	− 7 3.7	1.727	2.580	15.0	20.9
385540	2004 RT_{145}		5	7.2	276.°77	18.°0/13.2 18
4 1	15 37.59	−46 35.1	1.231	1.967	25.1	20.5
4 11	15 33.50	−49 19.6	1.156	1.959	23.0	20.3
4 21	15 23.69	−51 40.2	1.097	1.952	20.8	20.1
5 1	15 8.54	−53 20.8	1.054	1.944	19.0	19.9
5 11	14 50.08	−54 7.8	1.029	1.937	18.1	19.8
5 21	14 31.62	−53 56.5	1.022	1.929	18.4	19.8
5 31	14 16.68	−52 54.3	1.033	1.921	20.0	19.9
6 10	14 7.52	−51 19.0	1.060	1.914	22.2	20.0
120875	1998 RU_{30}		5	7.2	186.°73	0.°2/ 7.3 16
4 1	15 26.47	−19 42.4	1.624	2.454	16.1	20.6
4 11	15 21.37	−19 18.2	1.544	2.454	12.4	20.3
4 21	15 13.56	−18 41.6	1.485	2.453	8.0	20.1
5 1	15 3.83	−17 54.4	1.450	2.452	3.2	19.8
5 11	14 53.36	−17 0.9	1.443	2.451	1.9	19.7
5 21	14 43.40	−16 6.9	1.462	2.449	6.8	20.0
5 31	14 35.11	−15 18.8	1.507	2.446	11.4	20.2
6 10	14 29.29	−14 41.9	1.573	2.443	15.4	20.5
311212	2004 YT_{23}		5	7.2	218.°59	4.°4/ 4.5 17
4 1	15 24.95	− 7 48.0	1.728	2.570	14.7	21.2
4 11	15 19.97	− 7 2.0	1.647	2.564	11.3	20.9
4 21	15 12.57	− 6 14.0	1.589	2.558	7.6	20.7
5 1	15 3.44	− 5 29.0	1.557	2.551	4.7	20.5
5 11	14 53.61	− 4 52.5	1.551	2.544	5.4	20.5
5 21	14 44.19	− 4 29.1	1.572	2.536	8.9	20.7
5 31	14 36.21	− 4 22.0	1.617	2.528	12.7	20.9
6 10	14 30.42	− 4 32.2	1.683	2.519	16.1	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
290212 2005 SB_{44}			5 7.2	308.°43	1.°2/ 6.1	17
	h m	° ′			°	m
4 1	15 18.21	−16 35.5	2.197	3.030	12.3	20.8
4 11	15 14.40	−15 45.6	2.110	3.024	9.3	20.5
4 21	15 8.78	−14 46.9	2.046	3.018	5.9	20.3
5 1	15 1.91	−13 42.7	2.009	3.011	2.3	20.1
5 11	14 54.57	−12 37.6	2.000	3.005	2.3	20.1
5 21	14 47.55	−11 36.4	2.019	2.999	5.9	20.3
5 31	14 41.60	−10 43.8	2.065	2.993	9.4	20.5
6 10	14 37.32	−10 3.3	2.133	2.988	12.5	20.7
29892 1999 GS_{37}			5 7.2	217.°88	5.°2/ 3.4	18
4 1	15 21.76	− 5 48.5	1.878	2.722	13.6	18.0
4 11	15 17.29	− 4 43.9	1.802	2.719	10.5	17.8
4 21	15 10.72	− 3 38.3	1.750	2.715	7.4	17.6
5 1	15 2.69	− 2 37.6	1.723	2.711	5.3	17.5
5 11	14 54.11	− 1 47.7	1.724	2.707	6.1	17.5
5 21	14 45.93	− 1 13.2	1.750	2.702	9.1	17.7
5 31	14 39.03	− 0 57.2	1.801	2.697	12.3	17.9
6 10	14 34.05	− 1 0.1	1.873	2.693	15.3	18.1
353238 2010 CM_{94}			5 7.2	32.°20	5.°5/ 9.7	14 C
4 1	15 26.47	−27 19.6	1.196	2.027	20.5	21.7
4 11	15 22.47	−28 3.5	1.129	2.032	16.5	21.5
4 21	15 14.83	−28 28.9	1.081	2.037	12.0	21.2
5 1	15 4.46	−28 31.8	1.053	2.042	7.5	21.0
5 11	14 53.00	−28 12.5	1.048	2.048	5.5	20.9
5 21	14 42.26	−27 35.4	1.067	2.055	8.5	21.1
5 31	14 33.87	−26 49.2	1.108	2.061	13.1	21.4
6 10	14 28.87	−26 3.7	1.168	2.069	17.3	21.6
355146 2006 VP_4			5 7.2	142.°56	1.°4/ 8.7	18
4 1	15 21.16	−26 17.1	2.701	3.492	11.4	21.2
4 11	15 16.23	−25 22.5	2.614	3.499	8.9	21.0
4 21	15 9.73	−24 14.6	2.552	3.507	6.0	20.8
5 1	15 2.23	−22 55.2	2.518	3.514	3.0	20.6
5 11	14 54.43	−21 28.2	2.514	3.521	1.6	20.5
5 21	14 47.06	−19 58.2	2.540	3.527	4.3	20.7
5 31	14 40.73	−18 30.7	2.596	3.533	7.3	20.9
6 10	14 35.93	−17 10.6	2.678	3.539	10.0	21.1
250376 2003 UW_{34}			5 7.2	187.°69	3.°5/ 4.4	16
4 1	15 24.24	− 9 59.0	2.154	2.985	12.6	22.0
4 11	15 18.90	− 8 56.1	2.073	2.985	9.6	21.8
4 21	15 11.62	− 7 48.9	2.016	2.984	6.3	21.6
5 1	15 3.01	− 6 42.0	1.986	2.982	3.7	21.4
5 11	14 53.93	− 5 40.6	1.986	2.979	4.4	21.4
5 21	14 45.23	− 4 49.5	2.014	2.975	7.4	21.6
5 31	14 37.72	− 4 12.4	2.068	2.970	10.7	21.8
6 10	14 32.00	− 3 51.3	2.145	2.965	13.6	22.0
475761 2006 WF_{163}			5 7.2	46.°41	0.°0/ 6.9	17
4 1	15 19.20	−19 32.2	2.238	3.062	12.4	20.9
4 11	15 15.10	−18 54.7	2.156	3.064	9.5	20.7
4 21	15 9.20	−18 7.5	2.097	3.065	6.1	20.5
5 1	15 2.07	−17 12.9	2.065	3.067	2.4	20.3
5 11	14 54.52	−16 14.8	2.061	3.069	1.5	20.2
5 21	14 47.34	−15 17.6	2.085	3.071	5.2	20.5
5 31	14 41.27	−14 25.9	2.137	3.073	8.7	20.7
6 10	14 36.88	−13 43.5	2.212	3.074	11.8	20.9
61712 2000 QT_{139}			5 7.2	301.°21	1.°1/ 6.6	18
4 1	15 22.05	−15 30.7	1.620	2.464	15.4	19.5
4 11	15 18.24	−15 15.8	1.522	2.442	11.9	19.2
4 21	15 11.77	−14 52.9	1.446	2.419	7.7	18.9
5 1	15 3.25	−14 24.3	1.394	2.397	3.0	18.5
5 11	14 53.72	−13 53.8	1.368	2.375	2.5	18.4
5 21	14 44.40	−13 25.9	1.368	2.353	7.4	18.7
5 31	14 36.48	−13 5.7	1.392	2.332	12.1	18.9
6 10	14 30.91	−12 57.2	1.437	2.311	16.3	19.1
205017 1997 UN_6			5 7.2	129.°72	0.°2/ 7.4	17
4 1	15 22.16	−18 46.2	2.226	3.046	12.6	21.4
4 11	15 17.36	−18 35.6	2.146	3.052	9.6	21.2
4 21	15 10.65	−18 17.1	2.090	3.057	6.2	21.0
5 1	15 2.65	−17 52.2	2.060	3.062	2.5	20.8
5 11	14 54.18	−17 23.5	2.058	3.067	1.4	20.7
5 21	14 46.08	−16 54.3	2.085	3.071	5.2	21.0
5 31	14 39.16	−16 28.2	2.139	3.076	8.7	21.2
6 10	14 33.98	−16 8.5	2.216	3.080	11.7	21.4
308142 2005 AR_2			5 7.2	181.°04	4.°1/ 4.8	17
4 1	15 25.82	− 8 19.6	1.715	2.556	14.8	21.0
4 11	15 20.59	− 7 42.2	1.640	2.557	11.4	20.8
4 21	15 12.93	− 7 3.1	1.588	2.557	7.6	20.6
5 1	15 3.59	− 6 26.9	1.562	2.557	4.4	20.4
5 11	14 53.61	− 5 58.5	1.562	2.557	5.0	20.4
5 21	14 44.12	− 5 42.0	1.589	2.556	8.5	20.6
5 31	14 36.12	− 5 40.2	1.641	2.555	12.3	20.8
6 10	14 30.34	− 5 54.0	1.713	2.553	15.7	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
332088 2005 UH_{79}			5 7.2	198.°72	2.°4/ 5.2	17
	h m	° ′			°	m
4 1	15 22.35	−12 54.4	2.156	2.988	12.5	21.5
4 11	15 17.53	−12 0.4	2.071	2.985	9.5	21.3
4 21	15 10.78	−11 0.2	2.011	2.982	6.1	21.1
5 1	15 2.71	− 9 57.6	1.978	2.978	3.0	20.9
5 11	14 54.15	− 8 57.5	1.973	2.973	3.4	20.9
5 21	14 45.95	− 8 4.6	1.997	2.968	6.7	21.1
5 31	14 38.90	− 7 23.1	2.047	2.963	10.1	21.3
6 10	14 33.61	− 6 55.6	2.120	2.956	13.2	21.5
205704 2002 AE_{30}			5 7.2	212.°50	2.°8/ 5.4	16
4 1	15 25.95	−11 49.7	1.767	2.604	14.6	21.1
4 11	15 20.75	−11 11.7	1.682	2.598	11.2	20.9
4 21	15 13.10	−10 28.2	1.620	2.591	7.3	20.6
5 1	15 3.69	− 9 43.1	1.584	2.584	3.5	20.4
5 11	14 53.56	− 9 1.4	1.575	2.576	3.9	20.4
5 21	14 43.82	− 8 27.9	1.593	2.567	7.8	20.6
5 31	14 35.51	− 8 6.8	1.637	2.558	11.9	20.8
6 10	14 29.41	− 8 0.5	1.702	2.548	15.5	21.0
178350 1995 YZ_{19}			5 7.2	111.°12	3.°8/ 4.2	18
4 1	15 19.94	− 6 11.5	2.379	3.216	11.4	20.0
4 11	15 15.47	− 5 36.9	2.305	3.218	8.7	19.8
4 21	15 9.36	− 5 2.6	2.254	3.220	6.0	19.7
5 1	15 2.14	− 4 32.4	2.231	3.222	3.9	19.5
5 11	14 54.54	− 4 9.5	2.235	3.223	4.5	19.6
5 21	14 47.26	− 3 56.9	2.267	3.225	6.9	19.7
5 31	14 40.99	− 3 56.1	2.325	3.227	9.7	19.9
6 10	14 36.24	− 4 7.9	2.406	3.229	12.2	20.1
248842 2006 TJ_{11}			5 7.2	139.°89	3.°8/ 9.7	17
4 1	15 25.74	−27 50.9	2.428	3.211	12.8	20.4
4 11	15 20.18	−28 29.5	2.341	3.214	10.3	20.2
4 21	15 12.56	−28 57.4	2.277	3.218	7.5	20.1
5 1	15 3.45	−29 12.8	2.240	3.221	4.9	19.9
5 11	14 53.72	−29 15.6	2.230	3.224	3.8	19.8
5 21	14 44.27	−29 7.5	2.249	3.228	5.5	19.9
5 31	14 36.00	−28 51.7	2.295	3.231	8.2	20.1
6 10	14 29.57	−28 32.7	2.365	3.233	10.9	20.3
164201 2004 EC			5 7.2	273.°65	7.°5/10.4	18
4 1	15 51.14	−37 41.1	2.477	3.166	14.8	21.0
4 11	15 41.04	−38 42.2	2.318	3.117	12.9	20.8
4 21	15 27.05	−39 29.3	2.181	3.064	10.6	20.5
5 1	15 9.57	−39 53.9	2.072	3.010	8.5	20.3
5 11	14 49.72	−39 49.3	1.994	2.952	7.5	20.1
5 21	14 29.20	−39 12.7	1.948	2.892	8.8	20.1
5 31	14 9.94	−38 7.8	1.935	2.829	11.7	20.1
6 10	13 53.51	−36 44.6	1.949	2.763	15.0	20.2
136896 1998 HO_{39}			5 7.2	81.°11	2.°5/ 8.8	18
4 1	15 25.30	−23 42.8	2.239	3.041	13.1	19.1
4 11	15 19.81	−24 11.5	2.165	3.054	10.3	19.0
4 21	15 12.27	−24 30.8	2.113	3.068	7.1	18.8
5 1	15 3.31	−24 39.8	2.088	3.081	3.9	18.6
5 11	14 53.84	−24 39.4	2.091	3.094	2.6	18.5
5 21	14 44.77	−24 31.5	2.122	3.107	5.2	18.7
5 31	14 36.96	−24 19.6	2.180	3.120	8.4	18.9
6 10	14 31.06	−24 7.6	2.263	3.133	11.3	19.2
294448 2007 VM_{290}			5 7.2	237.°57	0.°7/ 7.7	17
4 1	15 25.54	−21 21.6	1.882	2.700	14.6	21.7
4 11	15 20.53	−20 56.6	1.782	2.685	11.4	21.4
4 21	15 13.04	−20 18.5	1.705	2.670	7.5	21.1
5 1	15 3.71	−19 28.4	1.653	2.654	3.2	20.8
5 11	14 53.55	−18 29.8	1.629	2.637	1.7	20.7
5 21	14 43.68	−17 27.8	1.633	2.620	6.2	20.9
5 31	14 35.20	−16 28.8	1.663	2.602	10.6	21.2
6 10	14 28.91	−15 38.8	1.716	2.583	14.4	21.3
272807 2006 AQ_{33}			5 7.2	283.°76	3.°6/ 9.2	17
4 1	15 25.53	−26 21.3	1.874	2.679	15.2	20.6
4 11	15 20.93	−26 40.1	1.760	2.649	12.3	20.4
4 21	15 13.58	−26 45.6	1.667	2.619	8.8	20.1
5 1	15 4.03	−26 35.9	1.598	2.588	5.2	19.8
5 11	14 53.29	−26 10.9	1.555	2.557	3.7	19.6
5 21	14 42.58	−25 33.3	1.540	2.526	6.7	19.8
5 31	14 33.18	−24 48.3	1.550	2.494	10.8	19.9
6 10	14 26.12	−24 3.0	1.583	2.462	14.8	20.1
40656 1999 RY_{191}			5 7.2	240.°11	5.°9/ 3.6	18 R
4 1	15 24.50	− 0 56.2	2.037	2.869	13.1	18.3
4 11	15 19.27	− 0 24.7	1.956	2.862	10.4	18.1
4 21	15 11.97	+ 0 2.2	1.899	2.854	7.7	17.9
5 1	15 3.22	+ 0 19.8	1.867	2.846	6.0	17.8
5 11	14 53.88	+ 0 24.0	1.863	2.838	6.6	17.8
5 21	14 44.88	+ 0 12.5	1.885	2.829	9.1	17.9
5 31	14 37.09	− 0 15.8	1.933	2.821	12.0	18.1
6 10	14 31.16	− 0 59.7	2.002	2.812	14.8	18.3

471375 2011 SP_{87} 5 7.2 180.°46 2.°0/ 9.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.74	−25 31.4	2.982	3.769	10.5	22.4
4 11	15 16.69	−25 31.6	2.889	3.770	8.3	22.3
4 21	15 10.09	−25 22.6	2.821	3.771	5.8	22.1
5 1	15 2.43	−25 4.3	2.780	3.771	3.2	21.9
5 11	14 54.37	−24 38.1	2.768	3.771	2.1	21.8
5 21	14 46.57	−24 6.2	2.785	3.770	4.1	22.0
5 31	14 39.67	−23 31.9	2.831	3.769	6.8	22.1
6 10	14 34.16	−22 58.7	2.903	3.767	9.2	22.3

176453 2001 XG_{42} 5 7.2 152.°85 6.°3/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.32	−40 54.3	2.848	3.556	12.7	21.0
4 11	15 19.77	−41 18.8	2.759	3.563	11.0	20.8
4 21	15 12.21	−41 26.6	2.691	3.569	9.1	20.7
5 1	15 3.29	−41 15.4	2.648	3.575	7.3	20.6
5 11	14 53.85	−40 45.0	2.630	3.581	6.4	20.6
5 21	14 44.80	−39 57.5	2.640	3.586	6.7	20.6
5 31	14 36.98	−38 57.2	2.676	3.590	8.1	20.7
6 10	14 31.00	−37 49.7	2.737	3.595	9.9	20.8

300876 2008 AT_{74} 5 7.2 220.°84 1.°2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.94	−22 49.5	2.516	3.322	11.7	21.6
4 11	15 16.36	−22 33.6	2.421	3.317	9.1	21.4
4 21	15 10.01	−22 7.7	2.350	3.311	6.1	21.2
5 1	15 2.43	−21 32.5	2.306	3.304	2.9	21.0
5 11	14 54.37	−20 50.3	2.290	3.298	1.6	20.9
5 21	14 46.59	−20 4.6	2.304	3.291	4.7	21.1
5 31	14 39.82	−19 19.5	2.344	3.284	7.9	21.3
6 10	14 34.65	−18 38.8	2.410	3.276	10.8	21.5

384050 2008 UE_{234} 5 7.2 238.°57 1.°6/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.41	−23 11.4	2.248	3.055	12.9	22.2
4 11	15 18.53	−23 1.5	2.147	3.042	10.1	22.0
4 21	15 11.56	−22 40.4	2.069	3.029	6.8	21.8
5 1	15 3.09	−22 8.4	2.018	3.015	3.3	21.5
5 11	14 53.95	−21 27.7	1.994	3.001	1.9	21.4
5 21	14 45.07	−20 41.7	1.999	2.986	5.2	21.6
5 31	14 37.34	−19 55.4	2.031	2.971	8.9	21.8
6 10	14 31.44	−19 13.4	2.088	2.956	12.2	22.0

7554 Johnspencer 5 7.2 37.°21 5.°1/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.88	−28 7.6	1.722	2.524	16.5	16.9
4 11	15 21.63	−29 7.3	1.663	2.545	13.2	16.7
4 21	15 13.70	−29 52.7	1.624	2.568	9.7	16.5
5 1	15 3.91	−30 20.6	1.610	2.591	6.5	16.4
5 11	14 53.49	−30 30.6	1.622	2.615	5.1	16.4
5 21	14 43.69	−30 25.3	1.659	2.639	7.0	16.5
5 31	14 35.65	−30 9.4	1.722	2.663	10.1	16.8
6 10	14 30.12	−29 49.3	1.807	2.688	13.1	17.0

470306 2007 JE_{17} 5 7.2 318.°99 0.°6/ 6.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.58	−19 20.0	1.471	2.322	16.3	21.0
4 11	15 15.11	−18 35.9	1.371	2.294	12.6	20.7
4 21	15 9.91	−17 35.4	1.292	2.267	8.2	20.4
5 1	15 2.59	−16 21.2	1.236	2.239	3.2	20.0
5 11	14 54.23	−14 58.9	1.205	2.213	2.4	19.9
5 21	14 46.08	−13 36.8	1.199	2.187	7.8	20.1
5 31	14 39.44	−12 23.7	1.216	2.162	12.9	20.4
6 10	14 35.25	−11 26.7	1.254	2.138	17.5	20.6

179845 2002 TS_{238} 5 7.2 184.°46 1.°2/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.71	−20 25.9	1.950	2.766	14.3	20.5
4 11	15 21.22	−20 33.5	1.865	2.766	11.1	20.3
4 21	15 13.36	−20 31.9	1.803	2.766	7.3	20.0
5 1	15 3.80	−20 21.5	1.766	2.766	3.2	19.8
5 11	14 53.54	−20 3.8	1.757	2.765	1.8	19.7
5 21	14 43.67	−19 42.1	1.776	2.763	5.8	19.9
5 31	14 35.20	−19 20.5	1.822	2.761	9.8	20.1
6 10	14 28.88	−19 3.5	1.891	2.759	13.2	20.4

499385 2010 AX_{78} 5 7.2 59.°70 10.°2/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.34	−43 0.2	1.813	2.539	18.4	21.2
4 11	15 24.82	−44 12.7	1.751	2.558	16.1	21.0
4 21	15 16.03	−45 1.1	1.706	2.578	13.7	20.9
5 1	15 4.89	−45 19.7	1.682	2.598	11.5	20.8
5 11	14 52.89	−45 6.2	1.680	2.618	10.3	20.8
5 21	14 41.63	−44 23.5	1.703	2.638	10.5	20.8
5 31	14 32.51	−43 18.7	1.748	2.658	11.9	21.0
6 10	14 26.44	−42 1.8	1.816	2.679	13.9	21.1

481791 2008 TZ_{21} 5 7.2 146.°63 0.°1/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 15.99	−17 42.6	4.208	5.016	7.3	23.0
4 11	15 11.85	−17 20.7	4.125	5.026	5.5	22.8
4 21	15 6.77	−16 54.6	4.069	5.035	3.5	22.7
5 1	15 1.10	−16 25.5	4.042	5.044	1.3	22.5
5 11	14 55.24	−15 55.2	4.045	5.052	0.9	22.5
5 21	14 49.56	−15 25.4	4.078	5.061	3.1	22.7
5 31	14 44.46	−14 58.0	4.141	5.069	5.1	22.8
6 10	14 40.23	−14 34.7	4.230	5.076	6.9	23.0

418254 2008 DM_{85} 5 7.2 101.°61 0.°3/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.22	−19 11.0	1.718	2.545	15.4	22.1
4 11	15 20.86	−18 59.8	1.652	2.561	11.8	21.8
4 21	15 13.07	−18 38.7	1.608	2.576	7.6	21.6
5 1	15 3.64	−18 9.1	1.589	2.591	3.0	21.4
5 11	14 53.71	−17 34.5	1.598	2.606	1.7	21.3
5 21	14 44.39	−16 59.5	1.633	2.620	6.2	21.6
5 31	14 36.71	−16 28.9	1.695	2.634	10.3	21.9
6 10	14 31.32	−16 6.7	1.778	2.648	13.9	22.2

501217 2013 UY_1 5 7.2 275.°22 19.°4/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 37.78	+20 43.6	1.081	1.886	23.9	20.9
4 11	15 31.12	+21 47.1	1.027	1.880	21.8	20.7
4 21	15 20.37	+22 16.8	0.987	1.873	20.2	20.5
5 1	15 6.65	+21 57.5	0.965	1.866	19.4	20.5
5 11	14 51.86	+20 40.5	0.961	1.858	19.9	20.5
5 21	14 38.05	+18 26.8	0.975	1.851	21.7	20.5
5 31	14 26.96	+15 26.1	1.008	1.844	24.3	20.7
6 10	14 19.61	+11 53.5	1.057	1.838	26.9	20.9

401848 1999 WE_{21} 5 7.2 219.°10 0.°2/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 16.40	−16 59.6	4.264	5.073	7.2	23.2
4 11	15 12.21	−16 46.4	4.163	5.063	5.5	23.1
4 21	15 7.05	−16 29.5	4.087	5.053	3.5	22.9
5 1	15 1.24	−16 9.8	4.041	5.043	1.3	22.7
5 11	14 55.16	−15 48.8	4.024	5.032	0.9	22.7
5 21	14 49.22	−15 28.1	4.039	5.021	3.1	22.8
5 31	14 43.79	−15 9.3	4.082	5.009	5.2	23.0
6 10	14 39.23	−14 54.0	4.152	4.998	7.1	23.1

56969 2000 SW_{106} 5 7.2 330.°52 0.°9/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 18.45	−16 50.9	1.899	2.739	13.6	18.7
4 11	15 14.95	−16 16.8	1.812	2.730	10.4	18.4
4 21	15 9.34	−15 33.6	1.748	2.721	6.6	18.2
5 1	15 2.25	−14 44.2	1.709	2.712	2.6	17.9
5 11	14 54.54	−13 52.9	1.697	2.704	2.2	17.9
5 21	14 47.17	−13 4.6	1.712	2.696	6.3	18.1
5 31	14 41.02	−12 24.3	1.752	2.689	10.3	18.3
6 10	14 36.78	−11 55.6	1.815	2.682	13.7	18.5

304601 2006 VW_{71} 5 7.2 345.°42 3.°6/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.53	− 6 2.4	1.739	2.580	14.6	19.6
4 11	15 20.50	− 6 22.4	1.656	2.572	11.3	19.3
4 21	15 13.01	− 6 46.8	1.595	2.564	7.6	19.1
5 1	15 3.71	− 7 17.8	1.560	2.557	4.2	18.9
5 11	14 53.63	− 7 57.2	1.552	2.551	4.3	18.9
5 21	14 43.88	− 8 45.6	1.571	2.546	7.8	19.1
5 31	14 35.53	− 9 43.1	1.615	2.541	11.7	19.3
6 10	14 29.38	−10 49.0	1.682	2.538	15.2	19.5

508639 2017 TM_9 5 7.2 253.°41 3.°0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.74	−10 48.8	1.947	2.782	13.6	22.5
4 11	15 19.77	−10 13.1	1.848	2.762	10.4	22.2
4 21	15 12.51	− 9 32.8	1.772	2.742	6.8	21.9
5 1	15 3.53	− 8 51.6	1.722	2.721	3.5	21.7
5 11	14 53.75	− 8 13.9	1.700	2.699	4.0	21.7
5 21	14 44.17	− 7 44.2	1.706	2.677	7.6	21.8
5 31	14 35.80	− 7 26.3	1.737	2.654	11.5	22.0
6 10	14 29.42	− 7 22.7	1.790	2.631	15.1	22.2

475858 2007 BQ_{76} 5 7.2 136.°33 4.°3/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.81	−32 7.3	2.494	3.264	12.8	21.3
4 11	15 17.17	−32 16.0	2.405	3.266	10.5	21.1
4 21	15 10.60	−32 10.3	2.339	3.268	7.9	21.0
5 1	15 2.70	−31 49.0	2.297	3.270	5.5	20.8
5 11	14 54.30	−31 13.3	2.283	3.272	4.3	20.7
5 21	14 46.24	−30 25.9	2.296	3.274	5.5	20.8
5 31	14 39.34	−29 31.4	2.337	3.275	7.9	21.0
6 10	14 34.20	−28 35.3	2.402	3.277	10.5	21.1

201731 2003 UY_{225} 5 7.2 288.°35 1.°6/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.12	−22 30.3	1.924	2.744	14.3	20.6
4 11	15 17.85	−22 27.1	1.834	2.736	11.2	20.4
4 21	15 11.28	−22 12.4	1.765	2.728	7.5	20.2
5 1	15 3.03	−21 46.4	1.721	2.720	3.6	19.9
5 11	14 54.07	−21 11.5	1.704	2.711	2.0	19.8
5 21	14 45.44	−20 31.7	1.715	2.703	5.8	20.0
5 31	14 38.13	−19 51.9	1.751	2.695	9.7	20.2
6 10	14 32.89	−19 17.3	1.810	2.687	13.3	20.4

470244 2006 XQ_{44} 5 7.2 232.°08 4.°7/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.50	−35 18.2	2.694	3.442	12.5	21.8
4 11	15 17.66	−35 16.4	2.590	3.433	10.4	21.6
4 21	15 10.91	−34 58.6	2.508	3.424	8.1	21.4
5 1	15 2.83	−34 23.6	2.452	3.414	5.9	21.3
5 11	14 54.22	−33 32.0	2.422	3.404	4.7	21.2
5 21	14 45.92	−32 26.8	2.421	3.394	5.6	21.2
5 31	14 38.74	−31 13.0	2.448	3.383	7.8	21.3
6 10	14 33.27	−29 56.4	2.500	3.372	10.3	21.5

308415 2005 SC_{112} 5 7.2 185.°70 0.°0/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.39	−19 19.8	2.668	3.483	10.9	21.2
4 11	15 15.00	−18 43.8	2.580	3.483	8.3	21.0
4 21	15 9.05	−17 59.5	2.516	3.483	5.3	20.9
5 1	15 2.06	−17 9.0	2.480	3.482	2.1	20.6
5 11	14 54.70	−16 15.4	2.473	3.481	1.3	20.6
5 21	14 47.64	−15 22.3	2.496	3.480	4.6	20.8
5 31	14 41.52	−14 33.5	2.546	3.479	7.7	21.0
6 10	14 36.82	−13 52.4	2.622	3.477	10.4	21.2

506974 2008 SU_{94} 5 7.2 306.°63 0.°8/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.47	−20 57.5	1.620	2.457	15.7	20.8
4 11	15 17.14	−20 38.6	1.519	2.433	12.3	20.5
4 21	15 11.14	−20 5.9	1.439	2.408	8.2	20.2
5 1	15 3.08	−19 20.3	1.382	2.384	3.5	19.8
5 11	14 54.01	−18 25.3	1.351	2.360	1.9	19.6
5 21	14 45.14	−17 26.7	1.346	2.336	6.9	19.9
5 31	14 37.71	−16 31.3	1.365	2.312	11.7	20.1
6 10	14 32.64	−15 45.8	1.406	2.289	16.0	20.3

178538 1999 UN_{27} 5 7.2 353.°63 4.°4/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.49	− 7 35.4	2.123	2.970	12.2	20.4
4 11	15 13.84	− 6 16.7	2.049	2.968	9.3	20.2
4 21	15 8.43	− 4 55.4	2.000	2.967	6.4	20.1
5 1	15 1.84	− 3 36.9	1.977	2.966	4.5	19.9
5 11	14 54.84	− 2 27.3	1.982	2.965	5.4	20.0
5 21	14 48.19	− 1 31.3	2.013	2.965	8.1	20.1
5 31	14 42.62	− 0 52.4	2.069	2.965	11.0	20.3
6 10	14 38.66	− 0 31.9	2.147	2.965	13.7	20.5

238145 2003 SB_{31} 5 7.2 196.°57 0.°6/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.71	−17 22.5	2.184	3.010	12.6	21.1
4 11	15 17.09	−16 52.8	2.099	3.008	9.6	20.9
4 21	15 10.56	−16 15.0	2.037	3.006	6.1	20.7
5 1	15 2.69	−15 31.4	2.002	3.004	2.4	20.5
5 11	14 54.32	−14 45.6	1.995	3.002	1.8	20.4
5 21	14 46.30	−14 1.5	2.017	3.000	5.6	20.7
5 31	14 39.44	−13 23.5	2.065	2.997	9.2	20.9
6 10	14 34.33	−12 54.8	2.136	2.994	12.3	21.1

322375 2011 LQ_{22} 5 7.2 237.°77 2.°1/ 5.6 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.37	−12 56.3	2.162	2.996	12.4	21.2
4 11	15 16.88	−12 19.2	2.074	2.988	9.5	21.0
4 21	15 10.45	−11 36.7	2.009	2.980	6.1	20.8
5 1	15 2.67	−10 52.1	1.970	2.971	2.8	20.5
5 11	14 54.34	−10 9.2	1.960	2.962	3.0	20.5
5 21	14 46.31	− 9 32.2	1.978	2.953	6.4	20.7
5 31	14 39.39	− 9 4.7	2.022	2.944	9.9	20.9
6 10	14 34.20	− 8 49.3	2.089	2.934	13.0	21.1

502078 2015 AS_{228} 5 7.2 333.°71 7.°4/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.81	− 3 7.3	1.594	2.452	14.9	20.1
4 11	15 15.42	− 1 28.3	1.526	2.446	11.8	19.9
4 21	15 9.71	+ 0 10.7	1.480	2.441	8.9	19.7
5 1	15 2.41	+ 1 40.8	1.459	2.436	7.4	19.6
5 11	14 54.52	+ 2 53.5	1.463	2.432	8.6	19.6
5 21	14 47.07	+ 3 42.6	1.491	2.428	11.5	19.8
5 31	14 41.03	+ 4 5.0	1.541	2.424	14.8	20.0
6 10	14 37.10	+ 4 1.1	1.610	2.421	17.8	20.2

60039 1999 TS_{94} 5 7.2 250.°41 2.°1/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.35	−13 7.6	1.778	2.614	14.6	20.4
4 11	15 20.45	−12 43.4	1.684	2.599	11.2	20.1
4 21	15 13.05	−12 13.3	1.612	2.584	7.2	19.8
5 1	15 3.78	−11 40.3	1.566	2.568	3.2	19.5
5 11	14 53.65	−11 8.4	1.547	2.551	3.2	19.5
5 21	14 43.79	−10 42.1	1.555	2.534	7.4	19.7
5 31	14 35.29	−10 25.5	1.589	2.517	11.7	19.9
6 10	14 28.99	−10 21.6	1.644	2.499	15.5	20.1

26560 2000 EQ_{36} 5 7.2 257.°08 5.°4/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.32	− 6 52.7	1.736	2.585	14.3	18.4
4 11	15 17.23	− 5 33.7	1.656	2.576	11.1	18.1
4 21	15 10.85	− 4 11.4	1.600	2.567	7.7	17.9
5 1	15 2.87	− 2 52.4	1.568	2.557	5.5	17.8
5 11	14 54.24	− 1 44.1	1.564	2.548	6.6	17.8
5 21	14 45.99	− 0 52.7	1.585	2.538	9.8	18.0
5 31	14 39.09	− 0 22.1	1.630	2.528	13.3	18.1
6 10	14 34.25	− 0 13.6	1.694	2.518	16.5	18.3

418369 2008 GO_{132} 5 7.2 348.°14 8.°2/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.75	+ 2 21.4	1.562	2.404	16.0	20.2
4 11	15 20.73	+ 2 54.4	1.495	2.402	12.9	20.0
4 21	15 13.15	+ 3 17.7	1.449	2.400	10.0	19.9
5 1	15 3.76	+ 3 25.1	1.427	2.399	8.2	19.7
5 11	14 53.72	+ 3 11.6	1.429	2.397	8.9	19.8
5 21	14 44.19	+ 2 35.5	1.456	2.396	11.5	19.9
5 31	14 36.27	+ 1 37.4	1.506	2.396	14.7	20.1
6 10	14 30.70	+ 0 20.8	1.575	2.395	17.7	20.3

31069 1996 UM_1 5 7.2 86.°38 3.°0/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.60	−11 4.9	1.794	2.635	14.3	19.1
4 11	15 18.65	−10 25.1	1.733	2.651	10.8	18.9
4 21	15 11.56	− 9 41.9	1.696	2.667	7.0	18.7
5 1	15 3.07	− 8 59.3	1.684	2.683	3.5	18.5
5 11	14 54.17	− 8 22.1	1.700	2.699	3.9	18.6
5 21	14 45.86	− 7 54.4	1.742	2.715	7.4	18.8
5 31	14 39.00	− 7 39.1	1.810	2.731	11.0	19.1
6 10	14 34.18	− 7 37.8	1.899	2.746	14.1	19.3

360086 2013 BF_{34} 5 7.2 179.°70 4.°4/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.82	− 3 30.8	2.633	3.464	10.5	21.3
4 11	15 15.25	− 2 45.2	2.557	3.465	8.2	21.1
4 21	15 9.18	− 2 1.2	2.507	3.465	5.9	21.0
5 1	15 2.13	− 1 22.6	2.484	3.466	4.4	20.9
5 11	14 54.72	− 0 52.9	2.489	3.465	5.0	20.9
5 21	14 47.61	− 0 34.9	2.522	3.465	7.1	21.0
5 31	14 41.39	− 0 30.0	2.581	3.464	9.5	21.2
6 10	14 36.56	− 0 38.6	2.662	3.463	11.8	21.3

416373 2003 TG_{18} 5 7.2 269.°31 6.°4/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.72	−31 20.9	1.715	2.502	17.1	22.3
4 11	15 23.83	−32 7.8	1.609	2.480	14.3	22.0
4 21	15 15.73	−32 39.0	1.523	2.457	11.0	21.8
5 1	15 5.00	−32 49.8	1.460	2.434	7.8	21.5
5 11	14 52.85	−32 37.7	1.422	2.411	6.4	21.4
5 21	14 40.78	−32 4.2	1.410	2.387	8.3	21.4
5 31	14 30.32	−31 15.2	1.422	2.362	11.9	21.6
6 10	14 22.68	−30 19.5	1.457	2.338	15.7	21.7

437662 2014 CS_6 5 7.2 157.°50 0.°4/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.06	−16 44.7	2.186	3.012	12.6	21.6
4 11	15 17.36	−16 30.8	2.105	3.014	9.6	21.4
4 21	15 10.73	−16 10.3	2.046	3.015	6.1	21.2
5 1	15 2.78	−15 44.9	2.014	3.017	2.4	21.0
5 11	14 54.32	−15 17.5	2.011	3.018	1.7	20.9
5 21	14 46.23	−14 51.4	2.035	3.020	5.5	21.2
5 31	14 39.28	−14 30.0	2.087	3.021	9.0	21.4
6 10	14 34.10	−14 16.2	2.161	3.022	12.1	21.6

187656 2007 EM_{107} 5 7.2 348.°75 2.°2/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 12.84	− 7 2.5	4.204	5.033	7.0	20.6
4 11	15 9.53	− 6 32.0	4.122	5.032	5.3	20.5
4 21	15 5.35	− 6 1.3	4.066	5.031	3.6	20.4
5 1	15 0.60	− 5 32.5	4.039	5.030	2.3	20.3
5 11	14 55.65	− 5 7.4	4.042	5.030	2.7	20.3
5 21	14 50.85	− 4 47.8	4.073	5.029	4.2	20.4
5 31	14 46.56	− 4 34.8	4.131	5.028	5.9	20.6
6 10	14 43.05	− 4 29.3	4.215	5.028	7.6	20.7

89482 2001 XK_{28} 5 7.2 278.°84 5.°0/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.57	− 7 5.7	1.756	2.604	14.2	19.2
4 11	15 17.50	− 6 5.5	1.668	2.587	11.0	19.0
4 21	15 11.11	− 5 2.3	1.602	2.570	7.6	18.7
5 1	15 3.01	− 4 1.9	1.561	2.552	5.2	18.5
5 11	14 54.16	− 3 10.8	1.547	2.535	6.1	18.5
5 21	14 45.59	− 2 34.4	1.558	2.517	9.4	18.7
5 31	14 38.32	− 2 16.6	1.594	2.500	13.1	18.9
6 10	14 33.10	− 2 18.8	1.649	2.482	16.5	19.0

347672 2001 UY_{54} 5 7.2 141.°16 5.°0/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.77	−32 47.5	2.531	3.288	13.0	20.8
4 11	15 21.00	−33 29.3	2.446	3.295	10.7	20.6
4 21	15 13.12	−33 57.8	2.382	3.302	8.3	20.5
5 1	15 3.74	−34 10.7	2.345	3.308	6.1	20.3
5 11	14 53.73	−34 7.7	2.335	3.314	5.0	20.3
5 21	14 44.04	−33 50.3	2.352	3.320	6.1	20.3
5 31	14 35.56	−33 22.2	2.397	3.326	8.3	20.5
6 10	14 28.98	−32 48.6	2.467	3.331	10.7	20.6

38667 2000 OT_{56} 5 7.2 194.°69 0.°7/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.85	−20 11.8	2.416	3.224	12.1	20.8
4 11	15 19.37	−20 3.2	2.323	3.221	9.3	20.6
4 21	15 11.99	−19 46.2	2.255	3.218	6.1	20.4
5 1	15 3.28	−19 21.6	2.214	3.214	2.6	20.1
5 11	14 54.03	−18 51.6	2.201	3.209	1.4	20.0
5 21	14 45.07	−18 19.4	2.218	3.204	5.0	20.3
5 31	14 37.21	−17 48.5	2.263	3.198	8.4	20.5
6 10	14 31.07	−17 22.6	2.333	3.191	11.4	20.7

56405 2000 FH_{17} 5 7.2 114.°88 1.°5/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.31	−14 18.9	1.439	2.281	17.1	19.6
4 11	15 22.93	−14 9.1	1.372	2.290	13.0	19.3
4 21	15 14.65	−13 52.9	1.327	2.300	8.3	19.1
5 1	15 4.37	−13 32.9	1.306	2.309	3.3	18.8
5 11	14 53.39	−13 13.1	1.311	2.317	2.8	18.8
5 21	14 43.08	−12 57.7	1.342	2.326	7.7	19.1
5 31	14 34.65	−12 50.8	1.397	2.334	12.3	19.4
6 10	14 28.90	−12 55.2	1.473	2.341	16.3	19.7

411865 2012 DL_{95} 5 7.2 111.°94 1.°5/ 8.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.15	−21 54.2	1.715	2.534	15.8	22.3
4 11	15 21.69	−21 52.4	1.646	2.548	12.2	22.1
4 21	15 13.69	−21 38.6	1.598	2.562	8.1	21.9
5 1	15 3.96	−21 13.4	1.576	2.575	3.7	21.7
5 11	14 53.65	−20 39.5	1.580	2.588	2.0	21.6
5 21	14 43.96	−20 1.5	1.612	2.600	6.1	21.9
5 31	14 35.95	−19 24.8	1.669	2.612	10.3	22.2
6 10	14 30.31	−18 54.4	1.749	2.624	13.8	22.4

374576 2006 CD_{25} 5 7.2 131.°34 8.°4/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.25	+ 4 22.9	1.925	2.758	13.7	20.5
4 11	15 17.55	+ 5 34.2	1.865	2.762	11.3	20.4
4 21	15 10.84	+ 6 37.2	1.829	2.766	9.3	20.2
5 1	15 2.81	+ 7 25.1	1.817	2.769	8.4	20.2
5 11	14 54.34	+ 7 52.4	1.830	2.773	9.2	20.2
5 21	14 46.34	+ 7 56.6	1.868	2.776	11.3	20.4
5 31	14 39.63	+ 7 37.2	1.929	2.779	13.7	20.5
6 10	14 34.78	+ 6 56.5	2.009	2.782	16.0	20.7

475454 2006 RD_{74} 5 7.2 255.°09 4.°4/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.89	− 6 48.3	2.246	3.087	11.8	22.1
4 11	15 14.87	− 5 36.6	2.164	3.080	9.1	21.9
4 21	15 9.10	− 4 22.7	2.107	3.072	6.3	21.7
5 1	15 2.14	− 3 11.7	2.076	3.064	4.5	21.6
5 11	14 54.73	− 2 9.1	2.074	3.057	5.3	21.6
5 21	14 47.62	− 1 19.2	2.099	3.049	7.9	21.8
5 31	14 41.52	− 0 45.5	2.149	3.041	10.8	22.0
6 10	14 37.01	− 0 29.2	2.221	3.033	13.5	22.1

431838 2008 SG_{32} 5 7.2 246.°95 4.°5/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.26	−29 51.4	2.085	2.870	14.5	21.8
4 11	15 20.32	−30 14.8	1.987	2.860	11.9	21.6
4 21	15 12.95	−30 23.7	1.910	2.849	8.8	21.4
5 1	15 3.75	−30 16.1	1.858	2.838	5.9	21.2
5 11	14 53.73	−29 52.1	1.833	2.827	4.5	21.1
5 21	14 43.98	−29 14.3	1.835	2.816	6.3	21.2
5 31	14 35.57	−28 27.8	1.864	2.804	9.5	21.3
6 10	14 29.32	−27 39.1	1.916	2.792	12.7	21.5

63107 2000 WX_{152} 5 7.2 282.°45 3.°9/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.69	−28 2.4	2.295	3.084	13.2	19.6
4 11	15 18.90	−28 33.1	2.195	3.072	10.7	19.4
4 21	15 11.93	−28 52.3	2.117	3.060	7.9	19.2
5 1	15 3.34	−28 58.4	2.065	3.048	5.1	19.0
5 11	14 53.98	−28 51.3	2.040	3.036	3.9	18.9
5 21	14 44.82	−28 32.9	2.042	3.023	5.7	19.0
5 31	14 36.81	−28 6.9	2.072	3.011	8.7	19.2
6 10	14 30.68	−27 38.2	2.125	2.999	11.7	19.3

498618 2008 RN_{108} 5 7.2 194.°64 1.°3/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.05	−21 46.2	2.691	3.489	11.3	22.7
4 11	15 19.39	−21 50.8	2.596	3.486	8.8	22.5
4 21	15 11.95	−21 47.6	2.525	3.483	5.9	22.3
5 1	15 3.27	−21 36.5	2.481	3.479	2.8	22.1
5 11	14 54.07	−21 19.1	2.467	3.474	1.6	22.0
5 21	14 45.12	−20 57.6	2.483	3.468	4.5	22.2
5 31	14 37.16	−20 35.0	2.527	3.462	7.6	22.4
6 10	14 30.77	−20 14.7	2.597	3.455	10.4	22.5

151778 2003 EE_{47} 5 7.2 90.°96 5.°3/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.78	− 2 34.0	1.772	2.605	14.8	19.8
4 11	15 22.59	− 2 24.5	1.712	2.620	11.5	19.7
4 21	15 14.10	− 2 20.3	1.674	2.634	8.1	19.5
5 1	15 4.09	− 2 25.4	1.662	2.649	5.5	19.4
5 11	14 53.63	− 2 42.6	1.677	2.663	5.9	19.4
5 21	14 43.78	− 3 13.2	1.719	2.677	8.7	19.6
5 31	14 35.48	− 3 57.0	1.786	2.690	12.0	19.8
6 10	14 29.38	− 4 52.8	1.876	2.704	15.0	20.1

107785 2001 FN_{51} 5 7.2 19.°42 3.°7/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.29	−12 1.9	1.447	2.304	16.2	19.2
4 11	15 17.55	−10 57.5	1.379	2.305	12.3	18.9
4 21	15 11.20	− 9 45.6	1.332	2.307	8.0	18.7
5 1	15 3.04	− 8 32.4	1.309	2.309	4.2	18.5
5 11	14 54.24	− 7 25.5	1.312	2.311	4.9	18.5
5 21	14 46.01	− 6 31.8	1.339	2.313	9.0	18.8
5 31	14 39.43	− 5 56.4	1.390	2.316	13.3	19.0
6 10	14 35.24	− 5 41.6	1.461	2.318	17.0	19.3

386203 2007 VA_{288} 5 7.2 272.°10 3.°6/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.63	−29 50.9	2.150	2.940	14.0	20.9
4 11	15 17.31	−29 42.8	2.059	2.937	11.3	20.7
4 21	15 10.85	−29 18.6	1.990	2.933	8.2	20.5
5 1	15 2.88	−28 37.7	1.945	2.930	5.2	20.3
5 11	14 54.33	−27 42.2	1.928	2.926	3.7	20.2
5 21	14 46.17	−26 36.2	1.938	2.923	5.6	20.3
5 31	14 39.29	−25 25.7	1.974	2.919	8.8	20.5
6 10	14 34.37	−24 17.1	2.035	2.916	11.9	20.7

280385 2003 UT_{120} 5 7.2 253.°93 0.°5/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.59	−17 30.0	2.073	2.901	13.1	21.5
4 11	15 17.22	−17 1.7	1.981	2.892	10.0	21.2
4 21	15 10.77	−16 24.7	1.912	2.882	6.4	21.0
5 1	15 2.86	−15 41.1	1.869	2.872	2.5	20.7
5 11	14 54.34	−14 54.6	1.854	2.861	1.8	20.6
5 21	14 46.11	−14 9.6	1.867	2.851	5.9	20.9
5 31	14 39.07	−13 30.5	1.906	2.840	9.7	21.1
6 10	14 33.86	−13 1.2	1.968	2.830	13.1	21.3

274679 2008 UO_{11} 5 7.2 107.°68 1.°6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.68	−25 2.5	3.635	4.420	8.8	21.9
4 11	15 14.08	−25 1.5	3.557	4.437	6.9	21.8
4 21	15 8.31	−24 53.1	3.504	4.454	4.8	21.7
5 1	15 1.79	−24 37.7	3.479	4.471	2.6	21.5
5 11	14 55.02	−24 16.5	3.484	4.487	1.7	21.5
5 21	14 48.51	−23 51.3	3.518	4.503	3.4	21.6
5 31	14 42.72	−23 24.6	3.581	4.518	5.5	21.8
6 10	14 38.04	−22 58.7	3.670	4.534	7.5	21.9

269019 2007 EU_{209} 5 7.2 12.°25 10.°5/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 45.51	−30 38.2	1.469	2.243	20.1	19.0
4 11	15 37.90	−33 47.5	1.390	2.245	17.0	18.8
4 21	15 25.63	−36 50.0	1.333	2.249	13.7	18.6
5 1	15 9.22	−39 31.4	1.303	2.253	11.2	18.4
5 11	14 50.27	−41 38.5	1.299	2.259	10.6	18.4
5 21	14 31.12	−43 4.4	1.323	2.265	12.3	18.5
5 31	14 14.29	−43 52.3	1.371	2.272	15.2	18.7
6 10	14 1.60	−44 13.3	1.441	2.279	18.2	18.9

256406 2007 AP_{18} 5 7.2 29.°96 7.°8/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.28	+ 1 2.2	1.456	2.304	16.6	19.5
4 11	15 20.43	+ 1 32.4	1.398	2.311	13.2	19.3
4 21	15 12.95	+ 1 53.2	1.362	2.318	10.0	19.1
5 1	15 3.70	+ 1 58.6	1.348	2.325	7.9	19.0
5 11	14 53.89	+ 1 44.0	1.359	2.333	8.6	19.1
5 21	14 44.72	+ 1 7.7	1.394	2.342	11.3	19.3
5 31	14 37.27	+ 0 10.9	1.452	2.351	14.6	19.5
6 10	14 32.26	− 1 3.2	1.530	2.361	17.7	19.7

456741 2007 TV_{25} 5 7.2 229.°25 0.°1/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.97	−18 45.7	3.616	4.425	8.4	22.4
4 11	15 12.85	−18 30.5	3.517	4.417	6.4	22.2
4 21	15 7.59	−18 10.0	3.443	4.408	4.1	22.1
5 1	15 1.54	−17 45.3	3.398	4.400	1.7	21.9
5 11	14 55.18	−17 18.2	3.383	4.391	0.9	21.8
5 21	14 48.98	−16 50.7	3.397	4.382	3.5	22.0
5 31	14 43.42	−16 24.9	3.440	4.373	5.9	22.2
6 10	14 38.88	−16 2.9	3.509	4.363	8.0	22.3

495983 2007 TD_{334} 5 7.2 193.°79 0.°6/ 7.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.53	−21 14.3	1.881	2.699	14.6	23.1
4 11	15 20.40	−20 44.2	1.794	2.697	11.3	22.9
4 21	15 12.89	−20 1.3	1.730	2.695	7.4	22.7
5 1	15 3.70	−19 7.3	1.691	2.692	3.1	22.4
5 11	14 53.87	−18 6.1	1.680	2.689	1.6	22.3
5 21	14 44.48	−17 3.1	1.698	2.684	6.1	22.6
5 31	14 36.53	−16 4.5	1.741	2.680	10.2	22.8
6 10	14 30.74	−15 15.7	1.808	2.674	13.8	23.0

384814 2012 RX_1 5 7.2 243.°36 1.°4/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.44	−14 59.5	2.134	2.965	12.7	21.3
4 11	15 17.00	−14 24.8	2.044	2.957	9.6	21.0
4 21	15 10.60	−13 43.2	1.977	2.948	6.2	20.8
5 1	15 2.80	−12 57.5	1.937	2.939	2.5	20.6
5 11	14 54.43	−12 11.5	1.925	2.930	2.4	20.5
5 21	14 46.37	−11 29.6	1.940	2.920	6.1	20.7
5 31	14 39.43	−10 55.8	1.983	2.910	9.8	20.9
6 10	14 34.26	−10 33.1	2.048	2.900	13.0	21.1

47962 2000 RU_{69} 5 7.2 212.°73 2.°3/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.20	−29 51.1	4.936	5.694	7.0	19.7
4 11	15 12.07	−30 6.1	4.835	5.691	5.7	19.6
4 21	15 7.01	−30 14.5	4.760	5.688	4.2	19.4
5 1	15 1.31	−30 16.0	4.712	5.685	2.9	19.3
5 11	14 55.34	−30 11.1	4.693	5.682	2.3	19.3
5 21	14 49.50	−30 0.8	4.704	5.679	3.0	19.3
5 31	14 44.14	−29 46.4	4.743	5.675	4.4	19.4
6 10	14 39.59	−29 30.0	4.810	5.672	5.9	19.5

23893 Lauman 5 7.2 286.°17 0.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.85	−19 2.4	1.601	2.439	15.8	18.5
4 11	15 18.96	−18 41.6	1.505	2.420	12.3	18.2
4 21	15 12.33	−18 8.7	1.429	2.400	8.0	17.9
5 1	15 3.62	−17 25.3	1.378	2.380	3.2	17.6
5 11	14 53.90	−16 35.2	1.353	2.361	1.9	17.5
5 21	14 44.44	−15 44.0	1.353	2.341	7.1	17.7
5 31	14 36.46	−14 58.3	1.378	2.321	11.9	17.9
6 10	14 30.91	−14 23.7	1.424	2.301	16.2	18.2

308401 2005 SF_{62} 5 7.2 206.°46 0.°1/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.22	−18 4.2	2.917	3.730	10.1	22.2
4 11	15 15.56	−17 44.9	2.822	3.725	7.7	22.1
4 21	15 9.43	−17 19.4	2.753	3.719	5.0	21.9
5 1	15 2.30	−16 49.1	2.712	3.714	1.9	21.6
5 11	14 54.76	−16 16.2	2.700	3.708	1.2	21.6
5 21	14 47.46	−15 43.4	2.717	3.701	4.3	21.8
5 31	14 40.99	−15 13.6	2.763	3.694	7.2	22.0
6 10	14 35.84	−14 49.5	2.834	3.687	9.8	22.1

235948 2005 EW_{156} 5 7.2 21.°08 1.°9/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.52	−21 21.4	1.695	2.523	15.5	19.9
4 11	15 19.13	−21 43.9	1.621	2.527	12.1	19.7
4 21	15 12.20	−21 56.3	1.568	2.532	8.1	19.5
5 1	15 3.48	−21 58.4	1.539	2.538	3.9	19.2
5 11	14 54.04	−21 51.6	1.537	2.544	2.3	19.1
5 21	14 45.07	−21 38.9	1.561	2.550	6.1	19.4
5 31	14 37.65	−21 24.6	1.610	2.557	10.2	19.6
6 10	14 32.55	−21 13.2	1.681	2.564	13.8	19.9

490442 2009 SF_{145} 5 7.2 264.°52 0.°0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.81	−18 11.5	1.890	2.716	14.3	22.8
4 11	15 20.07	−17 59.9	1.786	2.695	11.1	22.5
4 21	15 12.87	−17 39.3	1.706	2.674	7.2	22.2
5 1	15 3.79	−17 10.7	1.650	2.652	2.9	21.9
5 11	14 53.81	−16 37.0	1.622	2.630	1.8	21.8
5 21	14 44.00	−16 2.1	1.622	2.608	6.4	22.0
5 31	14 35.47	−15 31.1	1.647	2.585	10.7	22.2
6 10	14 29.06	−15 8.4	1.696	2.562	14.6	22.4

356624 2011 UV_{19} 5 7.2 251.°81 0.°6/ 7.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.90	−19 33.2	2.411	3.226	11.9	21.7
4 11	15 17.23	−19 30.6	2.314	3.216	9.2	21.5
4 21	15 10.70	−19 20.6	2.242	3.206	6.0	21.3
5 1	15 2.85	−19 3.8	2.196	3.196	2.5	21.0
5 11	14 54.42	−18 42.3	2.178	3.186	1.4	20.9
5 21	14 46.22	−18 18.7	2.189	3.176	4.9	21.1
5 31	14 39.04	−17 56.3	2.227	3.165	8.3	21.3
6 10	14 33.49	−17 38.6	2.290	3.154	11.4	21.5

509050 2005 SY_{242} 5 7.3 228.°36 0.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.38	−18 19.5	2.826	3.639	10.4	22.6
4 11	15 15.77	−18 1.1	2.727	3.629	7.9	22.4
4 21	15 9.62	−17 36.1	2.653	3.619	5.1	22.2
5 1	15 2.39	−17 5.9	2.607	3.609	2.0	22.0
5 11	14 54.72	−16 32.6	2.590	3.598	1.2	21.9
5 21	14 47.26	−15 59.1	2.602	3.586	4.4	22.1
5 31	14 40.65	−15 28.5	2.643	3.575	7.4	22.3
6 10	14 35.40	−15 3.6	2.708	3.563	10.1	22.5

235238 2003 SF_{280} 5 7.3 178.°88 1.°5/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.10	−13 22.7	2.464	3.287	11.4	21.2
4 11	15 17.92	−13 1.7	2.380	3.289	8.7	21.1
4 21	15 11.02	−12 36.7	2.321	3.290	5.5	20.9
5 1	15 2.93	−12 9.7	2.289	3.290	2.4	20.6
5 11	14 54.41	−11 43.6	2.286	3.290	2.3	20.6
5 21	14 46.20	−11 21.4	2.312	3.290	5.5	20.9
5 31	14 39.01	−11 5.7	2.366	3.289	8.6	21.0
6 10	14 33.41	−10 58.6	2.444	3.287	11.4	21.2

173321 1999 VQ_{95} 5 7.3 224.°31 0.°1/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.04	−17 53.2	1.931	2.754	14.1	20.8
4 11	15 20.82	−17 39.3	1.837	2.744	10.9	20.6
4 21	15 13.23	−17 16.7	1.766	2.734	7.0	20.3
5 1	15 3.90	−16 46.8	1.722	2.724	2.8	20.0
5 11	14 53.80	−16 12.6	1.705	2.712	1.7	19.9
5 21	14 44.01	−15 38.2	1.715	2.700	6.2	20.2
5 31	14 35.55	−15 8.1	1.753	2.688	10.4	20.4
6 10	14 29.19	−14 46.5	1.813	2.675	14.0	20.6

366487 2002 NM_{57} 5 7.3 287.°28 7.°1/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.50	− 3 12.1	1.527	2.381	15.7	21.0
4 11	15 18.52	− 2 6.0	1.447	2.366	12.4	20.7
4 21	15 11.94	− 1 0.7	1.389	2.352	9.1	20.5
5 1	15 3.43	− 0 3.8	1.354	2.337	7.1	20.3
5 11	14 54.09	+ 0 37.3	1.344	2.323	8.1	20.3
5 21	14 45.10	+ 0 56.9	1.359	2.308	11.4	20.5
5 31	14 37.61	+ 0 52.3	1.395	2.294	15.1	20.7
6 10	14 32.45	+ 0 24.0	1.451	2.280	18.6	20.9

88383 2001 PO_{58} 5 7.3 41.°41 4.°4/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.59	−26 18.8	1.540	2.356	17.4	18.7
4 11	15 21.88	−26 59.3	1.467	2.361	14.0	18.5
4 21	15 14.19	−27 25.3	1.414	2.367	10.0	18.3
5 1	15 4.32	−27 34.5	1.384	2.374	6.1	18.1
5 11	14 53.58	−27 26.8	1.380	2.380	4.4	18.0
5 21	14 43.37	−27 5.5	1.401	2.387	7.2	18.1
5 31	14 35.01	−26 36.4	1.447	2.394	11.1	18.4
6 10	14 29.39	−26 6.6	1.514	2.402	14.8	18.6

469145 2015 FK_{276} 5 7.3 185.°68 6.°4/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.07	+ 0 35.1	2.276	3.106	12.0	21.2
4 11	15 17.19	+ 1 42.1	2.205	3.106	9.6	21.0
4 21	15 10.57	+ 2 45.1	2.159	3.106	7.5	20.9
5 1	15 2.76	+ 3 38.5	2.139	3.105	6.4	20.8
5 11	14 54.54	+ 4 17.5	2.146	3.103	7.2	20.8
5 21	14 46.67	+ 4 38.9	2.180	3.101	9.3	21.0
5 31	14 39.87	+ 4 41.3	2.238	3.099	11.7	21.1
6 10	14 34.69	+ 4 25.4	2.318	3.096	14.0	21.3

82934 2001 QX_{112} 5 7.3 158.°14 0.°6/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.63	−21 32.4	2.334	3.148	12.3	19.5
4 11	15 16.20	−20 58.2	2.249	3.151	9.4	19.3
4 21	15 9.97	−20 13.3	2.188	3.153	6.2	19.1
5 1	15 2.54	−19 19.5	2.154	3.155	2.6	18.8
5 11	14 54.68	−18 20.4	2.149	3.157	1.3	18.7
5 21	14 47.18	−17 20.3	2.172	3.159	4.9	19.0
5 31	14 40.80	−16 23.8	2.222	3.160	8.3	19.2
6 10	14 36.08	−15 35.3	2.297	3.162	11.3	19.4

341892 2008 HM_{20} 5 7.3 323.°35 0.°8/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 13.12	−14 44.6	4.251	5.071	7.0	20.9
4 11	15 9.78	−14 13.0	4.163	5.071	5.3	20.8
4 21	15 5.55	−13 38.3	4.101	5.070	3.3	20.6
5 1	15 0.75	−13 1.9	4.068	5.070	1.4	20.5
5 11	14 55.75	−12 25.8	4.065	5.069	1.3	20.5
5 21	14 50.90	−11 51.8	4.091	5.068	3.3	20.6
5 31	14 46.57	−11 21.8	4.146	5.068	5.3	20.7
6 10	14 43.04	−10 57.3	4.227	5.067	7.1	20.9

33276 1998 HS_{115} 5 7.3 213.°71 4.°3/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.84	− 3 41.7	2.557	3.387	10.8	19.1
4 11	15 16.13	− 3 6.3	2.476	3.383	8.4	18.9
4 21	15 9.84	− 2 32.6	2.420	3.379	6.0	18.7
5 1	15 2.48	− 2 4.3	2.390	3.374	4.4	18.6
5 11	14 54.71	− 1 44.7	2.389	3.369	4.9	18.6
5 21	14 47.21	− 1 36.2	2.416	3.364	7.1	18.8
5 31	14 40.63	− 1 40.5	2.469	3.359	9.7	18.9
6 10	14 35.48	− 1 57.6	2.545	3.353	12.1	19.1

475702 2006 VS_{124} 5 7.3 179.°34 0.°5/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.26	−15 31.2	2.785	3.601	10.5	22.3
4 11	15 17.14	−15 25.8	2.698	3.602	7.9	22.1
4 21	15 10.46	−15 16.1	2.635	3.603	5.1	21.9
5 1	15 2.72	−15 3.3	2.601	3.603	2.0	21.7
5 11	14 54.57	−14 49.4	2.596	3.603	1.5	21.6
5 21	14 46.67	−14 36.6	2.620	3.602	4.6	21.9
5 31	14 39.68	−14 27.1	2.673	3.602	7.5	22.1
6 10	14 34.09	−14 23.0	2.751	3.600	10.1	22.2

99779 2002 JN_{115} 5 7.3 13.°21 1.°2/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.58	−17 56.5	1.360	2.212	17.3	19.4
4 11	15 18.05	−17 7.4	1.289	2.213	13.2	19.1
4 21	15 11.68	−16 4.6	1.239	2.214	8.5	18.9
5 1	15 3.31	−14 52.3	1.212	2.215	3.3	18.6
5 11	14 54.22	−13 37.4	1.210	2.217	2.8	18.5
5 21	14 45.74	−12 28.2	1.233	2.219	7.9	18.8
5 31	14 39.05	−11 31.9	1.280	2.222	12.8	19.1
6 10	14 34.96	−10 53.4	1.346	2.224	16.9	19.4

361065 2005 YQ_{211} 5 7.3 158.°89 1.°4/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.20	−21 27.0	1.878	2.687	15.0	21.7
4 11	15 23.93	−21 28.5	1.799	2.696	11.7	21.5
4 21	15 15.15	−21 19.2	1.742	2.704	7.7	21.3
5 1	15 4.62	−20 59.3	1.712	2.711	3.5	21.1
5 11	14 53.45	−20 30.9	1.709	2.717	1.9	21.0
5 21	14 42.79	−19 57.8	1.735	2.722	6.0	21.2
5 31	14 33.71	−19 25.1	1.788	2.726	10.0	21.5
6 10	14 26.94	−18 57.7	1.864	2.729	13.5	21.7

203315 2001 TQ_{60} 5 7.3 224.°76 0.°8/ 7.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.66	−20 44.6	1.662	2.487	15.9	21.2
4 11	15 21.71	−20 31.3	1.573	2.480	12.4	21.0
4 21	15 14.00	−20 5.5	1.505	2.471	8.2	20.7
5 1	15 4.26	−19 28.1	1.461	2.462	3.5	20.4
5 11	14 53.63	−18 42.2	1.444	2.453	1.8	20.3
5 21	14 43.38	−17 53.0	1.455	2.443	6.7	20.6
5 31	14 34.72	−17 6.9	1.490	2.432	11.3	20.8
6 10	14 28.53	−16 29.6	1.548	2.421	15.4	21.0

76219 2000 ER_{68} 5 7.3 200.°83 1.°4/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.40	−14 36.1	2.134	2.966	12.6	19.4
4 11	15 16.92	−14 7.9	2.052	2.966	9.6	19.2
4 21	15 10.52	−13 33.9	1.994	2.965	6.1	18.9
5 1	15 2.79	−12 56.5	1.961	2.963	2.5	18.7
5 11	14 54.55	−12 19.5	1.957	2.962	2.4	18.7
5 21	14 46.66	−11 46.6	1.981	2.961	6.0	18.9
5 31	14 39.93	−11 21.5	2.031	2.960	9.5	19.1
6 10	14 34.95	−11 6.6	2.104	2.958	12.6	19.3

53394 1999 JD_{102} 5 7.3 293.°88 2.°2/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.45	−13 7.4	2.139	2.976	12.4	19.7
4 11	15 15.44	−12 21.1	2.056	2.973	9.4	19.5
4 21	15 9.57	−11 29.0	1.997	2.969	6.0	19.2
5 1	15 2.42	−10 34.7	1.964	2.965	2.8	19.0
5 11	14 54.79	− 9 42.7	1.960	2.961	3.1	19.0
5 21	14 47.49	− 8 57.4	1.983	2.957	6.4	19.2
5 31	14 41.30	− 8 22.6	2.031	2.954	9.9	19.4
6 10	14 36.79	− 8 0.8	2.103	2.950	12.9	19.6

381447 2008 RH_{13} 5 7.3 117.°52 1.°3/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.60	−22 37.3	1.913	2.732	14.4	21.2
4 11	15 18.13	−22 19.6	1.833	2.735	11.2	21.0
4 21	15 11.43	−21 49.4	1.774	2.738	7.4	20.8
5 1	15 3.17	−21 7.8	1.741	2.741	3.4	20.5
5 11	14 54.35	−20 18.1	1.736	2.743	1.8	20.4
5 21	14 45.97	−19 25.0	1.757	2.746	5.7	20.7
5 31	14 38.97	−18 34.0	1.805	2.748	9.6	20.9
6 10	14 34.03	−17 50.4	1.876	2.751	13.0	21.1

300150 2006 VN_{81} 5 7.3 107.°50 0.°6/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.51	−17 3.4	2.597	3.417	11.0	21.4
4 11	15 15.81	−16 33.0	2.526	3.432	8.3	21.3
4 21	15 9.58	−15 56.3	2.479	3.447	5.3	21.1
5 1	15 2.37	−15 15.5	2.460	3.462	2.0	20.9
5 11	14 54.85	−14 33.6	2.470	3.477	1.5	20.9
5 21	14 47.72	−13 54.0	2.509	3.491	4.7	21.1
5 31	14 41.57	−13 19.7	2.575	3.505	7.7	21.3
6 10	14 36.89	−12 53.4	2.666	3.518	10.3	21.5

455204 2001 FY_{6} 5 7.3 346.°08 9.°8/29.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 51.74	− 8 41.2	0.676	1.611	19.4	18.9
4 11	14 56.47	− 6 37.0	0.604	1.572	15.2	18.4
4 21	14 58.49	− 4 9.0	0.548	1.537	11.2	18.0
5 1	14 58.34	− 1 32.8	0.509	1.506	9.9	17.8
5 11	14 57.20	+ 0 49.3	0.487	1.479	12.9	17.7
5 21	14 56.53	+ 2 35.4	0.479	1.456	18.1	17.9
5 31	14 57.89	+ 3 29.5	0.484	1.440	23.4	18.0
6 10	15 2.41	+ 3 26.7	0.500	1.428	28.1	18.2

417499 2006 SS_{75} 5 7.3 251.°41 1.°4/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.79	−15 18.6	1.851	2.684	14.3	22.1
4 11	15 20.01	−14 50.9	1.754	2.667	11.0	21.8
4 21	15 12.81	−14 15.3	1.679	2.650	7.1	21.6
5 1	15 3.79	−13 34.2	1.630	2.632	2.9	21.3
5 11	14 53.94	−12 51.6	1.609	2.614	2.6	21.2
5 21	14 44.34	−12 12.3	1.614	2.596	6.9	21.4
5 31	14 36.04	−11 41.2	1.646	2.577	11.2	21.6
6 10	14 29.87	−11 22.0	1.699	2.557	15.0	21.8

207372 2005 LB_{36} 5 7.3 347.°86 0.°9/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.52	−15 30.8	2.003	2.837	13.3	21.0
4 11	15 17.17	−15 14.8	1.922	2.835	10.1	20.8
4 21	15 10.76	−14 52.6	1.863	2.834	6.5	20.6
5 1	15 2.92	−14 26.3	1.831	2.834	2.5	20.4
5 11	14 54.51	−13 59.1	1.826	2.833	2.1	20.3
5 21	14 46.47	−13 34.7	1.849	2.832	6.0	20.6
5 31	14 39.65	−13 16.5	1.897	2.832	9.7	20.8
6 10	14 34.70	−13 7.4	1.969	2.832	13.0	21.0

497223 2004 YV_{18} 5 7.3 160.°92 4.°7/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.98	−33 20.5	2.360	3.123	13.7	22.2
4 11	15 19.73	−33 25.2	2.273	3.128	11.3	22.1
4 21	15 12.35	−33 13.6	2.207	3.132	8.6	21.9
5 1	15 3.52	−32 44.3	2.166	3.136	6.0	21.7
5 11	14 54.16	−31 58.4	2.152	3.139	4.7	21.7
5 21	14 45.23	−30 59.2	2.166	3.142	5.9	21.7
5 31	14 37.61	−29 52.3	2.207	3.145	8.4	21.9
6 10	14 31.93	−28 43.9	2.274	3.147	11.1	22.1

445277 2009 TB_{43} 5 7.3 310.°52 0.°6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.00	−14 27.9	2.182	3.010	12.5	20.3
4 11	15 18.44	−14 40.6	2.070	2.981	9.7	20.1
4 21	15 11.74	−14 50.3	1.982	2.951	6.3	19.8
5 1	15 3.39	−14 57.7	1.920	2.922	2.5	19.5
5 11	14 54.18	−15 4.5	1.886	2.893	1.8	19.4
5 21	14 45.01	−15 12.6	1.880	2.865	5.8	19.6
5 31	14 36.84	−15 24.1	1.901	2.836	9.7	19.8
6 10	14 30.43	−15 41.4	1.946	2.808	13.2	20.0

204716 2006 GV_{23} 5 7.3 217.°52 0.°8/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.73	−16 3.0	2.147	2.974	12.8	21.6
4 11	15 17.99	−15 44.5	2.059	2.969	9.7	21.4
4 21	15 11.25	−15 19.3	1.995	2.965	6.2	21.1
5 1	15 3.11	−14 49.6	1.958	2.960	2.4	20.9
5 11	14 54.40	−14 18.4	1.949	2.956	1.9	20.8
5 21	14 46.01	−13 49.1	1.967	2.950	5.7	21.1
5 31	14 38.78	−13 25.6	2.013	2.945	9.4	21.3
6 10	14 33.35	−13 10.7	2.081	2.939	12.6	21.5

336800 2011 CK_{85} 5 7.3 0.°93 4.°3/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.71	−26 29.8	1.354	2.188	18.4	20.5
4 11	15 17.76	−26 55.5	1.281	2.186	14.8	20.3
4 21	15 11.73	−27 4.1	1.226	2.185	10.5	20.0
5 1	15 3.44	−26 53.6	1.193	2.185	6.3	19.8
5 11	14 54.20	−26 25.4	1.183	2.186	4.4	19.7
5 21	14 45.49	−25 44.2	1.197	2.188	7.4	19.8
5 31	14 38.67	−24 57.3	1.235	2.191	11.8	20.1
6 10	14 34.66	−24 12.8	1.293	2.195	15.9	20.3

301737 2010 GK_{156} 5 7.3 19.°64 3.°4/ 5.4 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.88	−13 12.1	1.176	2.043	18.5	20.4
4 11	15 18.57	−12 18.3	1.114	2.045	14.1	20.1
4 21	15 12.15	−11 15.4	1.071	2.048	9.1	19.8
5 1	15 3.55	−10 9.6	1.050	2.052	4.3	19.6
5 11	14 54.17	− 9 9.2	1.053	2.056	4.8	19.6
5 21	14 45.49	− 8 21.9	1.080	2.060	9.6	19.9
5 31	14 38.80	− 7 53.4	1.128	2.065	14.5	20.2
6 10	14 34.94	− 7 46.3	1.194	2.071	18.7	20.4

369730 2012 DC_{93} 5 7.3 354.°87 4.°6/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.04	−26 11.7	1.311	2.144	18.9	20.7
4 11	15 19.70	−26 47.2	1.236	2.141	15.2	20.5
4 21	15 13.10	−27 6.3	1.179	2.138	10.9	20.2
5 1	15 4.01	−27 6.4	1.144	2.136	6.5	19.9
5 11	14 53.85	−26 47.9	1.133	2.135	4.7	19.8
5 21	14 44.19	−26 14.8	1.145	2.134	7.8	20.0
5 31	14 36.52	−25 34.5	1.180	2.135	12.3	20.2
6 10	14 31.87	−24 55.2	1.235	2.136	16.6	20.5

418047 2007 VU_{107} 5 7.3 257.°72 0.°1/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.20	−18 3.1	1.728	2.557	15.3	22.0
4 11	15 21.38	−17 47.6	1.627	2.537	11.8	21.7
4 21	15 13.87	−17 22.1	1.548	2.517	7.7	21.4
5 1	15 4.28	−16 47.8	1.494	2.496	3.1	21.1
5 11	14 53.68	−16 8.0	1.467	2.474	1.9	20.9
5 21	14 43.27	−15 27.4	1.466	2.452	6.9	21.2
5 31	14 34.27	−14 51.7	1.492	2.430	11.6	21.4
6 10	14 27.63	−14 25.9	1.539	2.406	15.8	21.6

410372 2007 VC_{158} 5 7.3 150.°32 1.°4/ 6.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.68	−14 56.4	1.977	2.802	13.7	23.1
4 11	15 20.98	−14 25.8	1.903	2.813	10.4	22.9
4 21	15 13.13	−13 48.6	1.853	2.822	6.6	22.7
5 1	15 3.83	−13 7.6	1.829	2.831	2.7	22.5
5 11	14 54.04	−12 26.8	1.834	2.839	2.5	22.5
5 21	14 44.76	−11 50.4	1.867	2.846	6.4	22.7
5 31	14 36.86	−11 22.3	1.927	2.853	10.1	23.0
6 10	14 30.98	−11 5.3	2.009	2.859	13.3	23.2

141148 2001 XV_{106} 5 7.3 148.°79 0.°3/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.93	−19 43.4	2.509	3.324	11.5	21.0
4 11	15 16.30	−19 21.2	2.426	3.328	8.8	20.8
4 21	15 10.01	−18 50.9	2.368	3.333	5.7	20.6
5 1	15 2.59	−18 13.9	2.336	3.338	2.3	20.4
5 11	14 54.77	−17 33.2	2.334	3.342	1.3	20.3
5 21	14 47.29	−16 52.0	2.360	3.346	4.7	20.6
5 31	14 40.83	−16 14.0	2.414	3.349	7.9	20.8
6 10	14 35.92	−15 42.5	2.492	3.353	10.7	21.0

198495 2004 XP_{69} 5 7.3 217.°53 0.°6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.13	−15 43.7	1.984	2.813	13.6	20.3
4 11	15 19.23	−15 39.3	1.901	2.811	10.4	20.1
4 21	15 12.14	−15 29.0	1.839	2.809	6.7	19.9
5 1	15 3.50	−15 14.4	1.804	2.807	2.6	19.6
5 11	14 54.22	−14 58.2	1.797	2.804	1.9	19.5
5 21	14 45.30	−14 43.4	1.817	2.802	6.0	19.8
5 31	14 37.65	−14 33.3	1.864	2.799	9.8	20.0
6 10	14 31.96	−14 30.8	1.933	2.796	13.2	20.2

279787 1999 VA_{42} 5 7.3 228.°36 0.°8/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.10	−21 32.9	2.007	2.827	13.8	21.4
4 11	15 17.70	−21 9.1	1.920	2.824	10.7	21.1
4 21	15 11.15	−20 33.5	1.855	2.821	7.0	20.9
5 1	15 3.10	−19 47.6	1.817	2.817	3.0	20.7
5 11	14 54.46	−18 54.8	1.805	2.813	1.6	20.5
5 21	14 46.20	−17 59.8	1.822	2.810	5.6	20.8
5 31	14 39.21	−17 8.0	1.864	2.806	9.5	21.0
6 10	14 34.18	−16 24.1	1.931	2.802	12.9	21.2

123627 2000 YA_{43} 5 7.3 171.°14 2.°0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.34	−11 4.8	2.731	3.558	10.3	20.1
4 11	15 15.68	−10 40.2	2.649	3.560	7.8	19.9
4 21	15 9.54	−10 13.2	2.593	3.561	5.0	19.7
5 1	15 2.40	− 9 46.2	2.564	3.563	2.5	19.6
5 11	14 54.89	− 9 21.9	2.564	3.564	2.7	19.6
5 21	14 47.67	− 9 2.8	2.593	3.565	5.3	19.8
5 31	14 41.32	− 8 51.2	2.649	3.566	8.1	19.9
6 10	14 36.33	− 8 48.4	2.730	3.566	10.6	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
113110	2002 RH_{78}		5	7.3	203.°03	0.°9/ 6.6 17
	h m	° ′			°	m
4 1	15 24.95	−16 35.6	2.084	2.907	13.2	21.1
4 11	15 19.75	−16 5.4	1.995	2.903	10.1	20.9
4 21	15 12.42	−15 27.2	1.929	2.898	6.5	20.6
5 1	15 3.60	−14 43.2	1.890	2.892	2.5	20.4
5 11	14 54.18	−13 57.2	1.879	2.885	2.0	20.3
5 21	14 45.10	−13 13.4	1.897	2.878	6.0	20.6
5 31	14 37.25	−12 36.3	1.941	2.871	9.8	20.8
6 10	14 31.32	−12 9.5	2.009	2.862	13.2	21.0
203949	2003 RS_{13}		5	7.3	281.°78	4.°9/10.6 18
4 1	15 23.98	−31 24.0	2.008	2.792	15.0	20.2
4 11	15 19.63	−31 34.2	1.897	2.767	12.4	19.9
4 21	15 12.72	−31 27.3	1.806	2.743	9.4	19.7
5 1	15 3.84	−31 0.9	1.740	2.718	6.4	19.5
5 11	14 53.98	−30 15.3	1.699	2.693	4.9	19.3
5 21	14 44.30	−29 13.4	1.686	2.668	6.7	19.4
5 31	14 35.96	−28 1.7	1.698	2.642	10.0	19.5
6 10	14 29.85	−26 47.8	1.734	2.616	13.5	19.7
503986	2004 TP_{183}		5	7.3	195.°47	2.°4/ 9.1 17
4 1	15 25.51	−25 18.8	2.455	3.246	12.4	22.4
4 11	15 20.01	−25 24.9	2.361	3.244	9.8	22.3
4 21	15 12.52	−25 20.2	2.289	3.240	6.8	22.1
5 1	15 3.63	−25 4.4	2.245	3.236	3.8	21.9
5 11	14 54.16	−24 38.6	2.229	3.232	2.5	21.8
5 21	14 44.98	−24 5.7	2.242	3.227	4.9	21.9
5 31	14 36.92	−23 29.4	2.282	3.221	8.1	22.1
6 10	14 30.62	−22 54.4	2.348	3.215	11.0	22.3
340943	2007 EC_{45}		5	7.3	330.°34	2.°8/10.8 18
4 1	15 17.47	−31 5.7	4.350	5.104	8.0	20.4
4 11	15 13.20	−31 26.8	4.252	5.103	6.5	20.3
4 21	15 7.84	−31 40.3	4.179	5.102	4.9	20.2
5 1	15 1.73	−31 45.5	4.133	5.101	3.5	20.1
5 11	14 55.30	−31 42.8	4.115	5.100	2.8	20.0
5 21	14 49.01	−31 33.2	4.127	5.099	3.5	20.1
5 31	14 43.29	−31 18.5	4.167	5.098	5.0	20.2
6 10	14 38.51	−31 0.8	4.234	5.097	6.6	20.3
438392	2006 UF_{48}		5	7.3	10.°22	3.°5/10.1 17
4 1	15 21.23	−28 54.3	2.033	2.830	14.4	20.7
4 11	15 17.13	−28 48.1	1.948	2.831	11.6	20.5
4 21	15 10.82	−28 25.9	1.885	2.832	8.3	20.3
5 1	15 2.98	−27 47.4	1.846	2.833	5.1	20.1
5 11	14 54.57	−26 54.9	1.834	2.834	3.5	20.0
5 21	14 46.58	−25 52.5	1.849	2.835	5.7	20.2
5 31	14 39.93	−24 46.5	1.890	2.837	9.0	20.4
6 10	14 35.30	−23 43.2	1.955	2.838	12.2	20.6
389173	2009 BV_{117}		5	7.3	290.°10	3.°6/ 9.7 17
4 1	15 22.94	−27 31.0	2.025	2.825	14.4	20.7
4 11	15 18.57	−27 45.6	1.931	2.816	11.6	20.5
4 21	15 11.87	−27 46.5	1.858	2.807	8.3	20.3
5 1	15 3.45	−27 32.7	1.810	2.798	5.1	20.0
5 11	14 54.27	−27 4.9	1.789	2.789	3.6	19.9
5 21	14 45.38	−26 26.3	1.794	2.780	5.9	20.1
5 31	14 37.80	−25 42.0	1.826	2.771	9.4	20.2
6 10	14 32.31	−24 57.8	1.881	2.762	12.7	20.4
368234	2001 UL_{57}		5	7.3	178.°03	0.°8/ 6.6 17
4 1	15 23.92	−17 4.1	2.366	3.183	12.0	23.2
4 11	15 18.65	−16 26.9	2.280	3.186	9.1	23.0
4 21	15 11.55	−15 42.0	2.219	3.187	5.8	22.8
5 1	15 3.22	−14 51.7	2.186	3.188	2.3	22.6
5 11	14 54.45	−13 59.7	2.182	3.189	1.8	22.5
5 21	14 46.03	−13 10.0	2.207	3.188	5.4	22.8
5 31	14 38.73	−12 26.6	2.260	3.187	8.8	23.0
6 10	14 33.10	−11 52.9	2.337	3.185	11.7	23.2
466401	2013 SX_{63}		5	7.3	275.°98	0.°7/ 6.8 17
4 1	15 23.61	−18 2.9	1.753	2.586	14.9	21.6
4 11	15 19.39	−17 28.2	1.647	2.560	11.5	21.3
4 21	15 12.59	−16 41.6	1.564	2.535	7.5	21.0
5 1	15 3.81	−15 45.0	1.506	2.509	2.9	20.7
5 11	14 54.05	−14 43.0	1.475	2.482	2.2	20.6
5 21	14 44.46	−13 41.4	1.471	2.455	7.1	20.8
5 31	14 36.20	−12 46.9	1.492	2.428	11.7	21.0
6 10	14 30.18	−12 4.9	1.535	2.401	15.9	21.2
119642	2001 XX_{28}		5	7.3	163.°34	2.°1/ 5.6 18
4 1	15 24.19	−11 58.7	2.367	3.191	11.8	20.5
4 11	15 18.78	−11 24.5	2.289	3.198	8.9	20.3
4 21	15 11.60	−10 46.5	2.235	3.204	5.7	20.1
5 1	15 3.24	−10 7.6	2.209	3.209	2.7	19.9
5 11	14 54.47	− 9 31.4	2.213	3.213	2.9	20.0
5 21	14 46.07	− 9 1.2	2.245	3.217	6.0	20.2
5 31	14 38.77	− 8 39.8	2.304	3.220	9.1	20.4
6 10	14 33.11	− 8 29.3	2.387	3.223	11.9	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
276879	2004 RJ_{243}		5	7.3	103.°98	6.°0/ 2.3 18
	h m	° ′			°	m
4 1	15 22.79	− 1 59.3	2.104	2.939	12.7	21.2
4 11	15 17.70	− 0 39.0	2.053	2.960	9.9	21.1
4 21	15 10.85	+ 0 37.9	2.028	2.981	7.4	20.9
5 1	15 2.91	+ 1 45.5	2.029	3.002	6.1	20.9
5 11	14 54.70	+ 2 38.4	2.057	3.022	6.9	21.0
5 21	14 47.02	+ 3 13.2	2.112	3.042	9.1	21.1
5 31	14 40.56	+ 3 28.5	2.192	3.061	11.6	21.3
6 10	14 35.82	+ 3 24.9	2.292	3.079	13.9	21.5
326574	2002 QO_{33}		5	7.3	237.°44	0.°3/ 7.5 17
4 1	15 26.23	−18 57.9	1.977	2.797	14.0	22.1
4 11	15 21.03	−18 49.8	1.878	2.783	10.8	21.9
4 21	15 13.45	−18 32.8	1.802	2.768	7.1	21.6
5 1	15 4.10	−18 7.6	1.752	2.753	2.9	21.3
5 11	14 53.93	−17 36.7	1.729	2.738	1.6	21.2
5 21	14 43.99	−17 3.9	1.735	2.721	6.0	21.4
5 31	14 35.34	−16 33.7	1.767	2.704	10.2	21.7
6 10	14 28.76	−16 10.5	1.823	2.687	13.8	21.8
280571	2004 TJ_{44}		5	7.3	107.°25	1.°1/ 6.3 17
4 1	15 22.68	−17 30.2	2.088	2.914	13.1	20.3
4 11	15 17.78	−16 32.2	2.021	2.931	9.9	20.1
4 21	15 10.99	−15 25.0	1.977	2.947	6.2	19.9
5 1	15 2.99	−14 12.5	1.961	2.963	2.4	19.7
5 11	14 54.66	−12 59.6	1.973	2.979	2.2	19.7
5 21	14 46.86	−11 51.8	2.014	2.995	5.9	20.0
5 31	14 40.33	−10 53.8	2.082	3.010	9.4	20.2
6 10	14 35.61	−10 9.0	2.173	3.024	12.4	20.4
140328	2001 SD_{343}		5	7.3	95.°52	5.°3/ 3.3 18
4 1	15 21.32	− 2 26.5	2.157	2.994	12.3	19.5
4 11	15 16.72	− 1 41.2	2.089	2.999	9.7	19.3
4 21	15 10.34	− 0 58.9	2.046	3.004	7.0	19.2
5 1	15 2.76	− 0 24.4	2.029	3.009	5.4	19.1
5 11	14 54.78	− 0 1.8	2.039	3.014	6.1	19.1
5 21	14 47.20	+ 0 6.3	2.075	3.019	8.4	19.3
5 31	14 40.74	− 0 1.5	2.137	3.024	11.1	19.4
6 10	14 35.94	− 0 24.7	2.220	3.029	13.6	19.6
420817	2013 HD_{51}		5	7.3	247.°12	0.°7/ 7.8 17
4 1	15 25.50	−21 15.8	1.708	2.532	15.6	22.1
4 11	15 20.85	−20 51.9	1.611	2.517	12.2	21.9
4 21	15 13.52	−20 14.0	1.536	2.502	8.1	21.6
5 1	15 4.17	−19 23.4	1.486	2.487	3.4	21.3
5 11	14 53.89	−18 23.5	1.462	2.470	1.8	21.1
5 21	14 43.92	−17 20.3	1.465	2.453	6.7	21.4
5 31	14 35.45	−16 20.7	1.494	2.436	11.3	21.6
6 10	14 29.36	−15 31.0	1.546	2.418	15.4	21.8
280396	2003 UP_{297}		5	7.3	278.°74	0.°9/ 7.9 17
4 1	15 21.88	−21 18.4	1.952	2.774	14.0	21.3
4 11	15 17.69	−21 2.9	1.859	2.764	10.9	21.0
4 21	15 11.26	−20 36.0	1.789	2.755	7.2	20.8
5 1	15 3.22	−19 58.8	1.744	2.745	3.2	20.5
5 11	14 54.48	−19 14.1	1.727	2.735	1.6	20.4
5 21	14 46.05	−18 26.5	1.736	2.725	5.7	20.6
5 31	14 38.90	−17 41.2	1.772	2.715	9.8	20.8
6 10	14 33.76	−17 3.0	1.831	2.705	13.3	21.0
130455	2000 QD_{63}		5	7.3	267.°23	0.°7/ 6.9 18
4 1	15 27.07	−15 27.8	1.509	2.349	16.5	19.5
4 11	15 22.31	−15 32.1	1.422	2.339	12.8	19.3
4 21	15 14.60	−15 30.2	1.356	2.327	8.3	19.0
5 1	15 4.64	−15 23.3	1.313	2.316	3.3	18.6
5 11	14 53.61	−15 14.0	1.297	2.305	2.3	18.5
5 21	14 42.90	−15 5.9	1.307	2.293	7.5	18.8
5 31	14 33.85	−15 3.1	1.341	2.282	12.4	19.1
6 10	14 27.42	−15 9.4	1.395	2.270	16.7	19.3
148167	1999 XU_{251}		5	7.3	294.°24	1.°0/ 6.5 18
4 1	15 19.59	−15 40.0	2.284	3.114	12.0	20.1
4 11	15 15.61	−15 15.1	2.185	3.097	9.1	19.9
4 21	15 9.77	−14 43.7	2.110	3.081	5.9	19.6
5 1	15 2.60	−14 7.9	2.061	3.064	2.3	19.4
5 11	14 54.85	−13 30.9	2.041	3.047	2.0	19.3
5 21	14 47.30	−12 56.4	2.048	3.031	5.6	19.5
5 31	14 40.75	−12 27.9	2.082	3.014	9.1	19.7
6 10	14 35.83	−12 8.6	2.139	2.998	12.3	19.9
276124	2002 GG_{85}		5	7.3	322.°84	2.°5/ 6.1 17
4 1	15 21.52	−13 5.3	1.248	2.112	17.8	19.9
4 11	15 18.50	−12 44.8	1.167	2.097	13.7	19.6
4 21	15 12.35	−12 17.5	1.105	2.082	8.9	19.3
5 1	15 3.80	−11 47.0	1.066	2.068	3.9	19.0
5 11	14 54.12	−11 18.8	1.050	2.055	3.9	18.9
5 21	14 44.79	−10 58.7	1.057	2.043	9.1	19.2
5 31	14 37.27	−10 51.9	1.087	2.031	14.3	19.4
6 10	14 32.58	−11 1.3	1.135	2.020	18.9	19.7

301017 2008 RF_{107} 5 7.3 269.°17 1.°6/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.88	−15 44.1	1.407	2.255	17.1	21.8
4 11	15 20.82	−15 12.4	1.319	2.240	13.2	21.5
4 21	15 13.73	−14 30.0	1.251	2.225	8.5	21.2
5 1	15 4.32	−13 40.1	1.207	2.209	3.4	20.9
5 11	14 53.82	−12 48.0	1.187	2.194	3.1	20.8
5 21	14 43.65	−12 0.4	1.193	2.178	8.4	21.1
5 31	14 35.18	−11 24.0	1.222	2.161	13.5	21.3
6 10	14 29.43	−11 3.7	1.272	2.145	18.0	21.5

110328 2001 SQ_{286} 5 7.3 163.°47 4.°9/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.24	− 5 5.2	2.089	2.925	12.7	20.2
4 11	15 18.25	− 4 4.4	2.018	2.929	9.8	20.0
4 21	15 11.36	− 3 3.8	1.972	2.934	6.9	19.8
5 1	15 3.19	− 2 8.7	1.952	2.937	5.0	19.7
5 11	14 54.58	− 1 24.1	1.960	2.941	5.8	19.8
5 21	14 46.39	− 0 53.8	1.995	2.944	8.4	19.9
5 31	14 39.40	− 0 40.2	2.055	2.946	11.3	20.1
6 10	14 34.18	− 0 43.6	2.137	2.947	14.0	20.3

337061 1997 RC_9 5 7.3 242.°56 0.°5/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.84	−20 0.5	2.154	2.975	12.9	21.6
4 11	15 17.40	−19 43.7	2.065	2.970	10.0	21.4
4 21	15 10.94	−19 17.5	1.998	2.964	6.5	21.2
5 1	15 3.07	−18 43.2	1.957	2.959	2.7	20.9
5 11	14 54.63	−18 3.6	1.945	2.953	1.4	20.8
5 21	14 46.50	−17 22.6	1.960	2.947	5.3	21.0
5 31	14 39.53	−16 44.6	2.002	2.941	9.0	21.3
6 10	14 34.37	−16 13.5	2.068	2.935	12.3	21.5

420749 2012 XU_{93} 5 7.3 118.°61 1.°3/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.21	−25 0.4	4.525	5.311	7.2	20.7
4 11	15 10.63	−24 50.5	4.433	5.314	5.6	20.6
4 21	15 6.16	−24 34.5	4.367	5.317	3.9	20.5
5 1	15 1.09	−24 12.8	4.328	5.320	2.1	20.4
5 11	14 55.82	−23 46.7	4.319	5.323	1.3	20.3
5 21	14 50.70	−23 17.6	4.340	5.326	2.7	20.4
5 31	14 46.10	−22 47.5	4.390	5.329	4.5	20.5
6 10	14 42.33	−22 18.4	4.466	5.332	6.2	20.7

443692 2015 KD_{47} 5 7.3 83.°78 4.°9/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.28	− 1 52.1	2.176	3.004	12.6	20.6
4 11	15 19.71	− 1 40.7	2.107	3.012	9.8	20.5
4 21	15 12.25	− 1 34.2	2.062	3.019	7.0	20.3
5 1	15 3.55	− 1 35.8	2.044	3.027	5.1	20.2
5 11	14 54.42	− 1 48.3	2.053	3.035	5.5	20.2
5 21	14 45.71	− 2 13.0	2.091	3.042	7.8	20.4
5 31	14 38.19	− 2 50.1	2.154	3.050	10.6	20.6
6 10	14 32.43	− 3 38.7	2.240	3.058	13.2	20.7

281482 2008 SS_{240} 5 7.3 142.°85 2.°9/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.44	−10 33.9	2.034	2.871	13.0	21.0
4 11	15 17.77	− 9 58.2	1.960	2.875	9.9	20.8
4 21	15 11.12	− 9 19.4	1.908	2.878	6.4	20.6
5 1	15 3.13	− 8 41.1	1.883	2.881	3.4	20.4
5 11	14 54.66	− 8 7.5	1.886	2.885	3.7	20.4
5 21	14 46.59	− 7 42.2	1.916	2.887	6.9	20.6
5 31	14 39.73	− 7 28.1	1.972	2.890	10.3	20.8
6 10	14 34.69	− 7 26.9	2.050	2.893	13.4	21.0

133483 2003 SX_{257} 5 7.3 296.°24 2.°7/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.67	−13 22.9	1.412	2.266	16.7	19.9
4 11	15 19.13	−12 48.2	1.321	2.246	12.9	19.6
4 21	15 12.67	−12 5.0	1.251	2.226	8.4	19.3
5 1	15 3.94	−11 17.4	1.204	2.206	3.8	19.0
5 11	14 54.11	−10 31.1	1.182	2.186	3.9	18.9
5 21	14 44.53	− 9 52.5	1.185	2.167	8.8	19.1
5 31	14 36.56	− 9 27.7	1.211	2.147	13.8	19.4
6 10	14 31.19	− 9 20.4	1.256	2.128	18.3	19.6

106568 2000 WV_{88} 5 7.3 85.°28 1.°1/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.51	−14 50.1	1.529	2.367	16.5	19.7
4 11	15 22.85	−14 42.7	1.472	2.387	12.5	19.5
4 21	15 14.55	−14 29.1	1.435	2.407	8.0	19.3
5 1	15 4.49	−14 11.5	1.424	2.426	3.1	19.0
5 11	14 53.91	−13 53.5	1.439	2.446	2.4	19.0
5 21	14 44.09	−13 39.0	1.481	2.465	7.1	19.3
5 31	14 36.08	−13 31.6	1.547	2.484	11.4	19.6
6 10	14 30.58	−13 34.1	1.635	2.502	15.0	19.9

364233 2006 SQ_{119} 5 7.3 183.°23 4.°3/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.20	− 4 18.3	2.570	3.401	10.7	21.2
4 11	15 15.66	− 3 27.5	2.493	3.402	8.3	21.0
4 21	15 9.60	− 2 37.5	2.442	3.402	5.9	20.9
5 1	15 2.50	− 1 52.4	2.418	3.401	4.4	20.8
5 11	14 55.04	− 1 16.0	2.422	3.401	5.0	20.8
5 21	14 47.88	− 0 51.4	2.454	3.399	7.2	20.9
5 31	14 41.63	− 0 40.3	2.512	3.398	9.7	21.1
6 10	14 36.79	− 0 43.3	2.593	3.397	12.0	21.2

500840 2013 GA_{138} 5 7.3 338.°31 0.°0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.49	−15 52.0	41.145	41.959	0.8	24.1
4 11	14 59.83	−15 49.2	41.054	41.958	0.6	24.1
4 21	14 59.10	−15 46.2	40.990	41.958	0.4	24.1
5 1	14 58.31	−15 42.9	40.955	41.957	0.1	24.0
5 11	14 57.51	−15 39.6	40.949	41.957	0.1	24.0
5 21	14 56.73	−15 36.4	40.973	41.956	0.3	24.1
5 31	14 55.97	−15 33.5	41.025	41.956	0.6	24.1
6 10	14 55.29	−15 30.8	41.104	41.955	0.8	24.1

285576 2000 QQ_{37} 5 7.3 186.°87 1.°4/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.56	−23 40.8	3.167	3.958	9.9	21.7
4 11	15 16.55	−23 30.4	3.072	3.958	7.7	21.6
4 21	15 10.11	−23 11.7	3.002	3.956	5.2	21.4
5 1	15 2.71	−22 45.2	2.959	3.955	2.6	21.2
5 11	14 54.93	−22 12.5	2.946	3.952	1.5	21.1
5 21	14 47.39	−21 36.0	2.964	3.949	3.8	21.3
5 31	14 40.67	−20 58.8	3.009	3.946	6.5	21.5
6 10	14 35.24	−20 23.9	3.082	3.942	8.9	21.6

312538 2009 EH_{20} 5 7.3 37.°24 2.°0/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.17	−13 57.9	1.291	2.147	17.8	20.5
4 11	15 20.13	−13 36.7	1.228	2.154	13.6	20.3
4 21	15 13.11	−13 8.5	1.185	2.161	8.7	20.0
5 1	15 4.01	−12 37.0	1.165	2.168	3.6	19.8
5 11	14 54.18	−12 7.3	1.170	2.176	3.3	19.8
5 21	14 45.02	−11 44.8	1.199	2.184	8.3	20.1
5 31	14 37.79	−11 33.8	1.251	2.193	13.1	20.4
6 10	14 33.28	−11 37.1	1.323	2.202	17.1	20.6

314148 2005 EU_{244} 5 7.3 127.°90 0.°6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.32	−17 35.7	1.765	2.593	15.0	21.7
4 11	15 20.99	−17 5.1	1.695	2.606	11.4	21.5
4 21	15 13.28	−16 25.0	1.648	2.618	7.3	21.3
5 1	15 4.00	−15 38.2	1.627	2.629	2.8	21.1
5 11	14 54.20	−14 48.9	1.633	2.641	2.0	21.0
5 21	14 44.99	−14 2.4	1.667	2.651	6.4	21.3
5 31	14 37.33	−13 23.7	1.726	2.661	10.5	21.6
6 10	14 31.88	−12 56.4	1.809	2.671	14.0	21.8

373035 2011 EJ_{27} 5 7.3 163.°54 6.°3/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.06	− 1 46.8	2.054	2.891	12.8	20.8
4 11	15 17.39	− 0 28.4	1.987	2.895	10.1	20.7
4 21	15 10.84	+ 0 47.6	1.944	2.898	7.6	20.5
5 1	15 3.02	+ 1 55.0	1.928	2.901	6.3	20.4
5 11	14 54.77	+ 2 48.0	1.939	2.904	7.2	20.5
5 21	14 46.94	+ 3 22.6	1.976	2.906	9.5	20.6
5 31	14 40.29	+ 3 36.8	2.037	2.908	12.2	20.8
6 10	14 35.40	+ 3 30.9	2.118	2.909	14.7	21.0

58215 von Klitzing 5 7.3 233.°36 2.°2/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.91	−23 7.5	1.991	2.801	14.3	19.5
4 11	15 20.84	−23 21.1	1.898	2.793	11.2	19.3
4 21	15 13.36	−23 24.0	1.827	2.785	7.7	19.1
5 1	15 4.12	−23 15.7	1.781	2.777	3.9	18.8
5 11	14 54.08	−22 57.5	1.762	2.768	2.4	18.7
5 21	14 44.32	−22 32.1	1.772	2.759	5.8	18.9
5 31	14 35.89	−22 4.1	1.807	2.750	9.6	19.1
6 10	14 29.58	−21 38.4	1.866	2.740	13.1	19.3

346267 2008 FA_{131} 5 7.3 227.°50 0.°4/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.66	−14 58.0	4.587	5.401	6.7	20.5
4 11	15 10.93	−14 51.3	4.494	5.398	5.0	20.3
4 21	15 6.35	−14 42.2	4.427	5.394	3.2	20.2
5 1	15 1.20	−14 31.5	4.389	5.391	1.3	20.0
5 11	14 55.83	−14 20.6	4.381	5.388	1.0	20.0
5 21	14 50.58	−14 10.7	4.404	5.385	2.9	20.2
5 31	14 45.81	−14 3.0	4.455	5.381	4.8	20.3
6 10	14 41.79	−13 58.8	4.532	5.378	6.5	20.4

16737 1996 KN_1 5 7.3 320.°40 4.°1/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.87	− 8 54.8	1.294	2.153	17.6	17.5
4 11	15 20.87	− 8 36.9	1.218	2.145	13.6	17.3
4 21	15 13.77	− 8 17.8	1.163	2.136	9.0	17.0
5 1	15 4.36	− 8 2.0	1.130	2.129	4.9	16.7
5 11	14 53.94	− 7 54.7	1.121	2.121	5.2	16.7
5 21	14 43.96	− 8 0.0	1.136	2.114	9.6	16.9
5 31	14 35.80	− 8 20.5	1.174	2.108	14.4	17.2
6 10	14 30.44	− 8 57.1	1.231	2.102	18.6	17.4

91887 1999 UZ_{50} 5 7.3 308.°16 0.°3/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.68	−18 3.2	2.042	2.870	13.3	19.6
4 11	15 17.62	−18 6.4	1.935	2.844	10.3	19.4
4 21	15 11.34	−18 2.6	1.850	2.818	6.8	19.1
5 1	15 3.35	−17 52.6	1.790	2.792	2.8	18.8
5 11	14 54.51	−17 38.1	1.758	2.766	1.5	18.6
5 21	14 45.78	−17 22.1	1.753	2.741	5.8	18.9
5 31	14 38.13	−17 8.1	1.774	2.716	9.9	19.1
6 10	14 32.37	−16 59.9	1.818	2.691	13.5	19.2

368271 2002 CV_{206} 5 7.3 161.°69 1.°9/ 8.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.23	−24 27.2	2.636	3.424	11.7	22.7
4 11	15 20.33	−24 26.1	2.550	3.433	9.2	22.5
4 21	15 12.64	−24 14.9	2.488	3.440	6.3	22.3
5 1	15 3.72	−23 53.9	2.453	3.447	3.3	22.2
5 11	14 54.37	−23 24.6	2.448	3.453	2.0	22.1
5 21	14 45.36	−22 49.7	2.472	3.458	4.5	22.3
5 31	14 37.45	−22 13.0	2.525	3.462	7.5	22.5
6 10	14 31.19	−21 38.5	2.604	3.466	10.3	22.6

286227 2001 UV_{140} 5 7.3 256.°10 0.°3/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.78	−19 15.3	4.522	5.327	6.9	20.7
4 11	15 11.08	−19 11.9	4.425	5.321	5.3	20.6
4 21	15 6.47	−19 4.5	4.353	5.315	3.4	20.5
5 1	15 1.26	−18 53.8	4.309	5.310	1.4	20.3
5 11	14 55.81	−18 41.0	4.296	5.304	0.8	20.2
5 21	14 50.49	−18 27.2	4.313	5.298	2.8	20.4
5 31	14 45.64	−18 14.1	4.358	5.293	4.7	20.5
6 10	14 41.59	−18 3.1	4.430	5.287	6.5	20.6

6635 Zuber 5 7.3 116.°80 12.°4/27.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.09	− 1 33.3	1.099	1.965	19.5	16.8
4 11	15 21.63	+ 2 12.8	1.057	1.978	15.8	16.6
4 21	15 14.01	+ 5 57.1	1.038	1.989	13.0	16.4
5 1	15 4.32	+ 9 18.5	1.044	2.001	12.5	16.4
5 11	14 54.10	+11 58.9	1.073	2.011	14.6	16.6
5 21	14 44.84	+13 48.2	1.124	2.022	17.9	16.8
5 31	14 37.76	+14 45.6	1.193	2.031	21.1	17.1
6 10	14 33.59	+14 57.2	1.276	2.041	23.9	17.3

87663 2000 RG_{97} 5 7.3 249.°08 1.°0/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.53	−18 12.9	2.109	2.933	13.0	19.5
4 11	15 18.01	−17 13.2	2.008	2.917	10.0	19.3
4 21	15 11.41	−16 1.6	1.930	2.900	6.4	19.0
5 1	15 3.32	−14 41.1	1.880	2.882	2.5	18.7
5 11	14 54.60	−13 16.9	1.858	2.864	2.2	18.7
5 21	14 46.15	−11 54.9	1.865	2.846	6.2	18.9
5 31	14 38.85	−10 41.5	1.899	2.827	10.1	19.1
6 10	14 33.40	− 9 41.4	1.956	2.807	13.6	19.3

508808 2000 UK_{19} 5 7.3 281.°39 1.°8/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.85	−12 16.7	2.006	2.831	13.6	21.9
4 11	15 22.47	−12 14.1	1.888	2.797	10.5	21.6
4 21	15 14.59	−12 8.4	1.793	2.762	6.9	21.3
5 1	15 4.71	−12 1.5	1.725	2.726	3.0	21.0
5 11	14 53.71	−11 55.7	1.685	2.689	2.8	20.9
5 21	14 42.66	−11 53.9	1.673	2.652	7.0	21.1
5 31	14 32.68	−11 59.1	1.688	2.614	11.3	21.2
6 10	14 24.70	−12 13.9	1.725	2.575	15.1	21.4

358595 2007 UZ_{86} 5 7.3 288.°78 1.°8/ 6.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.26	−14 21.4	1.468	2.314	16.6	21.1
4 11	15 21.24	−14 4.4	1.366	2.286	12.9	20.8
4 21	15 14.17	−13 39.6	1.285	2.258	8.4	20.5
5 1	15 4.63	−13 9.5	1.227	2.229	3.5	20.1
5 11	14 53.75	−12 38.3	1.194	2.201	3.1	20.0
5 21	14 42.93	−12 11.3	1.187	2.171	8.4	20.2
5 31	14 33.62	−11 54.1	1.204	2.142	13.7	20.4
6 10	14 26.96	−11 50.9	1.240	2.113	18.4	20.6

500924 2013 PG_{34} 5 7.3 304.°62 4.°2/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.48	−27 30.8	1.538	2.355	17.4	20.9
4 11	15 19.78	−27 46.1	1.448	2.343	14.0	20.7
4 21	15 13.09	−27 44.1	1.377	2.331	10.1	20.4
5 1	15 4.12	−27 22.8	1.329	2.319	6.1	20.1
5 11	14 54.10	−26 43.2	1.306	2.308	4.3	20.0
5 21	14 44.42	−25 49.8	1.308	2.297	7.2	20.1
5 31	14 36.45	−24 49.9	1.334	2.286	11.5	20.3
6 10	14 31.18	−23 52.1	1.381	2.275	15.6	20.5

58756 1998 FR_{15} 5 7.3 104.°77 1.°9/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.27	−13 51.8	2.358	3.188	11.6	20.0
4 11	15 15.82	−12 59.6	2.288	3.201	8.8	19.8
4 21	15 9.72	−12 1.8	2.242	3.213	5.6	19.6
5 1	15 2.57	−11 2.1	2.224	3.225	2.5	19.5
5 11	14 55.09	−10 4.7	2.235	3.236	2.7	19.5
5 21	14 48.01	− 9 13.7	2.274	3.248	5.8	19.7
5 31	14 42.00	− 8 32.6	2.339	3.259	8.9	19.9
6 10	14 37.53	− 8 3.6	2.429	3.270	11.6	20.1

497059 2003 SA_{430} 5 7.3 155.°77 2.°8/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.00	−29 3.5	2.602	3.379	12.2	21.8
4 11	15 18.70	−28 47.2	2.516	3.387	9.7	21.6
4 21	15 11.60	−28 17.3	2.452	3.394	7.0	21.4
5 1	15 3.32	−27 34.0	2.415	3.401	4.2	21.2
5 11	14 54.65	−26 39.4	2.407	3.407	2.9	21.2
5 21	14 46.37	−25 37.1	2.429	3.413	4.7	21.3
5 31	14 39.22	−24 32.0	2.478	3.418	7.5	21.5
6 10	14 33.75	−23 29.2	2.553	3.423	10.2	21.7

189308 2005 YB_{185} 5 7.3 261.°39 2.°4/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.70	−12 48.7	2.128	2.958	12.7	20.7
4 11	15 18.95	−12 5.2	2.021	2.933	9.8	20.5
4 21	15 12.08	−11 15.0	1.938	2.908	6.4	20.2
5 1	15 3.63	−10 21.3	1.882	2.882	3.0	20.0
5 11	14 54.41	− 9 28.7	1.854	2.855	3.3	19.9
5 21	14 45.35	− 8 41.8	1.854	2.828	6.9	20.1
5 31	14 37.35	− 8 5.2	1.881	2.800	10.7	20.3
6 10	14 31.17	− 7 42.1	1.930	2.771	14.1	20.4

504465 2008 DN_{29} 5 7.3 132.°56 4.°4/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.33	− 4 10.5	2.441	3.275	11.2	21.8
4 11	15 15.81	− 3 23.4	2.371	3.281	8.7	21.6
4 21	15 9.72	− 2 37.8	2.326	3.286	6.2	21.5
5 1	15 2.58	− 1 57.6	2.308	3.291	4.5	21.4
5 11	14 55.09	− 1 26.7	2.317	3.297	5.1	21.4
5 21	14 47.93	− 1 7.9	2.355	3.302	7.3	21.6
5 31	14 41.76	− 1 2.8	2.417	3.307	9.9	21.8
6 10	14 37.06	− 1 11.8	2.503	3.311	12.2	21.9

50001 2000 AK_{15} 5 7.3 327.°35 3.°4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.70	−24 28.7	1.153	2.001	20.1	18.1
4 11	15 19.90	−24 43.2	1.076	1.991	16.0	17.8
4 21	15 13.53	−24 39.5	1.016	1.982	11.2	17.5
5 1	15 4.38	−24 15.9	0.976	1.973	5.9	17.2
5 11	14 53.96	−23 34.5	0.959	1.965	3.7	17.0
5 21	14 44.00	−22 41.4	0.965	1.958	8.2	17.3
5 31	14 36.20	−21 45.7	0.993	1.952	13.6	17.5
6 10	14 31.69	−20 57.0	1.039	1.946	18.5	17.8

281457 2008 SS_{131} 5 7.3 168.°36 0.°5/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.60	−18 8.5	1.961	2.791	13.7	20.8
4 11	15 17.32	−17 31.7	1.880	2.791	10.4	20.6
4 21	15 10.94	−16 45.2	1.821	2.791	6.7	20.3
5 1	15 3.12	−15 51.5	1.789	2.792	2.6	20.1
5 11	14 54.76	−14 55.0	1.785	2.792	1.9	20.0
5 21	14 46.81	−14 0.6	1.808	2.792	6.0	20.3
5 31	14 40.14	−13 13.5	1.857	2.793	9.8	20.5
6 10	14 35.39	−12 37.5	1.929	2.793	13.2	20.7

486801 2014 HQ_{171} 5 7.3 304.°61 4.°7/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.01	− 5 15.8	2.172	3.014	12.1	20.7
4 11	15 15.23	− 4 26.4	2.079	2.994	9.4	20.5
4 21	15 9.60	− 3 36.7	2.009	2.973	6.7	20.3
5 1	15 2.62	− 2 51.0	1.965	2.952	4.8	20.1
5 11	14 55.04	− 2 14.3	1.948	2.932	5.5	20.1
5 21	14 47.66	− 1 50.4	1.958	2.912	8.2	20.3
5 31	14 41.28	− 1 41.9	1.993	2.892	11.2	20.4
6 10	14 36.52	− 1 49.9	2.049	2.872	14.1	20.6

409298 2004 TH_5 5 7.3 343.°45 0.°9/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.30	−17 46.5	1.260	2.110	18.6	19.7
4 11	15 22.22	−18 12.9	1.185	2.106	14.4	19.4
4 21	15 14.80	−18 31.4	1.130	2.102	9.5	19.1
5 1	15 4.83	−18 41.8	1.096	2.099	4.0	18.8
5 11	14 53.73	−18 45.4	1.087	2.096	2.2	18.6
5 21	14 43.10	−18 45.5	1.103	2.094	7.8	19.0
5 31	14 34.46	−18 46.7	1.141	2.092	13.0	19.3
6 10	14 28.88	−18 53.6	1.198	2.091	17.6	19.5

62110 2000 RX_{97} 5 7.3 323.°04 7.°1/12.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.86	−37 0.5	1.674	2.448	18.0	17.8
4 11	15 19.23	−37 6.9	1.584	2.441	15.2	17.6
4 21	15 12.64	−36 48.2	1.513	2.434	12.0	17.4
5 1	15 3.91	−36 1.0	1.463	2.427	9.0	17.2
5 11	14 54.30	−34 46.0	1.438	2.420	7.2	17.0
5 21	14 45.21	−33 8.3	1.437	2.414	8.1	17.1
5 31	14 37.94	−31 17.4	1.461	2.408	11.1	17.2
6 10	14 33.35	−29 24.5	1.509	2.403	14.5	17.4

381459 2008 RE_{85} 5 7.3 256.°23 1.°4/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.49	−22 44.1	2.076	2.888	13.7	21.9
4 11	15 18.91	−22 32.7	1.975	2.873	10.7	21.6
4 21	15 12.10	−22 9.6	1.896	2.858	7.2	21.4
5 1	15 3.64	−21 35.0	1.843	2.842	3.4	21.1
5 11	14 54.44	−20 51.5	1.818	2.826	1.8	21.0
5 21	14 45.49	−20 2.9	1.821	2.809	5.5	21.2
5 31	14 37.75	−19 14.5	1.851	2.793	9.5	21.4
6 10	14 31.96	−18 31.5	1.904	2.776	13.0	21.6

510425 2011 UB_{320} 5 7.3 259.°96 4.°4/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.65	− 2 21.6	2.475	3.298	11.4	21.2
4 11	15 19.21	− 2 11.1	2.384	3.286	8.9	21.0
4 21	15 12.00	− 2 4.3	2.317	3.274	6.4	20.8
5 1	15 3.53	− 2 4.5	2.278	3.262	4.6	20.7
5 11	14 54.53	− 2 14.2	2.267	3.249	5.0	20.7
5 21	14 45.74	− 2 35.0	2.285	3.236	7.3	20.8
5 31	14 37.92	− 3 7.5	2.329	3.223	10.0	20.9
6 10	14 31.65	− 3 51.5	2.397	3.210	12.6	21.1

130441 2000 QQ_{20} 5 7.3 239.°31 1.°4/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.66	−21 40.2	1.688	2.510	15.9	19.6
4 11	15 21.82	−21 37.0	1.595	2.499	12.4	19.3
4 21	15 14.22	−21 21.4	1.524	2.488	8.3	19.1
5 1	15 4.54	−20 53.6	1.477	2.477	3.8	18.8
5 11	14 53.92	−20 16.0	1.457	2.465	2.0	18.6
5 21	14 43.62	−19 33.1	1.463	2.452	6.5	18.9
5 31	14 34.86	−18 50.9	1.495	2.439	11.1	19.1
6 10	14 28.56	−18 15.5	1.550	2.426	15.2	19.3

380012 2013 PN_{11} 5 7.3 287.°78 1.°2/ 6.6 17

4 1	15 23.04	−16 6.1	1.592	2.435	15.7	21.2
4 11	15 19.16	−15 39.3	1.496	2.415	12.1	20.9
4 21	15 12.57	−15 2.8	1.422	2.395	7.8	20.6
5 1	15 3.92	−14 19.1	1.372	2.375	3.1	20.3
5 11	14 54.27	−13 32.7	1.348	2.354	2.6	20.2
5 21	14 44.85	−12 49.3	1.349	2.334	7.6	20.4
5 31	14 36.89	−12 14.8	1.375	2.314	12.3	20.7
6 10	14 31.31	−11 53.6	1.422	2.294	16.6	20.9

279735 1995 WB_{13} 5 7.3 87.°71 2.°5/ 5.6 17

4 1	15 23.46	−12 1.0	1.903	2.740	13.7	21.3
4 11	15 18.58	−11 26.5	1.839	2.755	10.4	21.1
4 21	15 11.65	−10 47.9	1.799	2.770	6.7	20.9
5 1	15 3.37	−10 9.0	1.785	2.786	3.2	20.7
5 11	14 54.69	− 9 33.9	1.799	2.800	3.4	20.7
5 21	14 46.53	− 9 6.5	1.840	2.815	6.8	21.0
5 31	14 39.73	− 8 50.0	1.906	2.830	10.3	21.2
6 10	14 34.86	− 8 45.9	1.995	2.844	13.4	21.4

466557 2014 SG_{330} 5 7.3 187.°09 2.°8/ 8.9 17

4 1	15 27.91	−24 44.4	1.782	2.590	15.7	22.3
4 11	15 22.59	−24 57.6	1.697	2.590	12.5	22.1
4 21	15 14.60	−24 57.7	1.634	2.590	8.6	21.8
5 1	15 4.65	−24 43.5	1.595	2.589	4.7	21.6
5 11	14 53.89	−24 16.5	1.583	2.587	3.0	21.5
5 21	14 43.55	−23 40.4	1.598	2.585	6.3	21.7
5 31	14 34.80	−23 0.7	1.639	2.583	10.3	21.9
6 10	14 28.46	−22 23.8	1.703	2.580	14.0	22.1

96170 1981 EE_{29} 5 7.3 107.°40 3.°2/ 9.2 18

4 1	15 27.05	−25 56.5	1.542	2.358	17.4	19.8
4 11	15 22.15	−25 58.9	1.471	2.367	13.8	19.6
4 21	15 14.36	−25 44.5	1.419	2.376	9.6	19.4
5 1	15 4.54	−25 12.6	1.391	2.385	5.2	19.1
5 11	14 54.00	−24 26.1	1.389	2.394	3.3	19.0
5 21	14 44.11	−23 30.4	1.413	2.402	6.7	19.3
5 31	14 36.08	−22 32.8	1.462	2.410	11.0	19.5
6 10	14 30.71	−21 40.9	1.533	2.418	14.8	19.8

191753 2004 SD_{51} 5 7.3 301.°57 0.°6/ 6.9 17

4 1	15 21.32	−17 42.3	1.651	2.492	15.3	20.5
4 11	15 17.76	−17 16.2	1.554	2.471	11.8	20.2
4 21	15 11.63	−16 39.2	1.479	2.451	7.7	19.9
5 1	15 3.54	−15 53.4	1.428	2.430	3.0	19.6
5 11	14 54.52	−15 3.1	1.403	2.410	2.1	19.5
5 21	14 45.74	−14 13.8	1.404	2.390	7.1	19.7
5 31	14 38.35	−13 31.7	1.429	2.371	11.7	20.0
6 10	14 33.24	−13 1.7	1.476	2.351	15.9	20.2

215000 2008 CQ_{137} 5 7.3 266.°14 4.°9/ 2.9 16

4 1	15 19.40	− 3 31.1	2.379	3.216	11.3	21.0
4 11	15 15.29	− 2 35.1	2.296	3.206	8.9	20.8
4 21	15 9.50	− 1 40.0	2.236	3.195	6.4	20.7
5 1	15 2.56	− 0 50.4	2.204	3.185	5.0	20.6
5 11	14 55.16	− 0 10.8	2.199	3.174	5.7	20.6
5 21	14 48.01	+ 0 15.4	2.221	3.163	8.0	20.7
5 31	14 41.81	+ 0 26.1	2.268	3.153	10.6	20.8
6 10	14 37.09	+ 0 20.6	2.337	3.142	13.1	21.0

238446 2004 PU_{65} 5 7.3 263.°83 3.°0/ 5.5 16

4 1	15 24.16	−13 5.1	1.470	2.319	16.4	20.9
4 11	15 20.07	−12 16.8	1.385	2.307	12.6	20.7
4 21	15 13.16	−11 19.8	1.321	2.295	8.2	20.4
5 1	15 4.15	−10 18.6	1.281	2.282	3.9	20.1
5 11	14 54.21	− 9 20.0	1.267	2.269	4.3	20.1
5 21	14 44.64	− 8 30.7	1.279	2.256	8.8	20.3
5 31	14 36.69	− 7 56.7	1.313	2.243	13.5	20.5
6 10	14 31.27	− 7 41.5	1.368	2.230	17.7	20.7

162488 2000 PV_{19} 5 7.3 212.°96 1.°5/ 8.1 17

4 1	15 28.49	−21 2.8	1.759	2.576	15.5	20.7
4 11	15 23.08	−21 12.2	1.669	2.571	12.1	20.5
4 21	15 14.97	−21 11.1	1.602	2.565	8.1	20.2
5 1	15 4.84	−20 59.5	1.559	2.558	3.7	20.0
5 11	14 53.82	−20 38.9	1.544	2.551	2.0	19.8
5 21	14 43.14	−20 12.8	1.556	2.544	6.3	20.1
5 31	14 33.99	−19 46.2	1.593	2.535	10.7	20.3
6 10	14 27.26	−19 24.4	1.654	2.527	14.6	20.5

439372 2013 AL_{10} 5 7.3 213.°83 4.°5/ 3.3 16

	h m	° ′			°	m
4 1	15 21.29	− 2 13.4	2.762	3.587	10.3	22.0
4 11	15 16.45	− 1 34.0	2.677	3.580	8.1	21.9
4 21	15 10.13	− 0 56.9	2.618	3.573	5.9	21.7
5 1	15 2.79	− 0 25.7	2.587	3.565	4.6	21.6
5 11	14 55.05	− 0 3.6	2.584	3.557	5.1	21.6
5 21	14 47.54	+ 0 7.0	2.609	3.548	7.1	21.8
5 31	14 40.88	+ 0 4.6	2.660	3.539	9.4	21.9
6 10	14 35.56	− 0 10.9	2.734	3.529	11.7	22.0

99815 2002 LR_{45} 5 7.3 238.°81 1.°0/ 8.1 18

4 1	15 22.60	−22 11.0	2.268	3.079	12.7	19.7
4 11	15 17.99	−21 48.0	2.169	3.068	9.9	19.5
4 21	15 11.38	−21 13.7	2.094	3.056	6.6	19.2
5 1	15 3.34	−20 29.3	2.044	3.044	2.9	19.0
5 11	14 54.71	−19 37.5	2.023	3.031	1.5	18.8
5 21	14 46.34	−18 42.4	2.031	3.018	5.1	19.1
5 31	14 39.09	−17 48.9	2.065	3.005	8.8	19.3
6 10	14 33.60	−17 1.8	2.124	2.991	12.0	19.4

420000 2011 CU_{45} 5 7.3 12.°87 1.°3/ 6.7 17

4 1	15 22.21	−14 28.3	1.357	2.213	17.1	20.1
4 11	15 18.60	−14 24.6	1.291	2.216	13.1	19.8
4 21	15 12.17	−14 14.7	1.245	2.220	8.4	19.6
5 1	15 3.72	−14 1.2	1.222	2.225	3.3	19.3
5 11	14 54.52	−13 47.8	1.223	2.230	2.7	19.3
5 21	14 45.88	−13 38.6	1.249	2.237	7.6	19.6
5 31	14 39.02	−13 37.5	1.299	2.244	12.3	19.9
6 10	14 34.74	−13 47.4	1.368	2.252	16.3	20.1

438979 2010 OM_{56} 5 7.3 273.°97 0.°5/ 6.9 18

4 1	15 24.01	−15 2.0	2.639	3.455	11.0	21.2
4 11	15 18.86	−15 6.4	2.525	3.429	8.4	21.0
4 21	15 11.89	−15 7.1	2.436	3.403	5.5	20.7
5 1	15 3.57	−15 5.1	2.375	3.377	2.2	20.5
5 11	14 54.56	−15 1.8	2.343	3.350	1.5	20.4
5 21	14 45.63	−14 59.2	2.340	3.323	5.0	20.6
5 31	14 37.54	−14 59.6	2.366	3.295	8.3	20.7
6 10	14 30.93	−15 5.0	2.416	3.268	11.3	20.9

352624 2008 FQ_{11} 5 7.3 114.°54 4.°7/11.5 17

4 1	15 25.65	−33 42.7	2.688	3.440	12.4	22.0
4 11	15 20.05	−34 9.1	2.610	3.455	10.3	21.8
4 21	15 12.55	−34 21.8	2.554	3.470	7.9	21.7
5 1	15 3.76	−34 19.1	2.523	3.485	5.8	21.6
5 11	14 54.51	−34 1.3	2.520	3.499	4.7	21.5
5 21	14 45.63	−33 30.6	2.545	3.514	5.6	21.6
5 31	14 37.93	−32 50.9	2.597	3.527	7.6	21.8
6 10	14 31.98	−32 7.2	2.674	3.541	9.9	21.9

488451 1994 ST_{11} 5 7.3 176.°75 0.°5/ 6.9 16

4 1	15 20.88	−16 33.0	2.913	3.728	10.1	22.8
4 11	15 16.11	−16 14.8	2.826	3.730	7.7	22.7
4 21	15 9.89	−15 51.4	2.764	3.731	4.9	22.5
5 1	15 2.69	−15 24.3	2.730	3.732	1.9	22.3
5 11	14 55.13	−14 55.8	2.725	3.732	1.4	22.2
5 21	14 47.82	−14 28.4	2.750	3.733	4.4	22.4
5 31	14 41.36	−14 4.8	2.803	3.732	7.2	22.6
6 10	14 36.21	−13 47.2	2.882	3.732	9.7	22.8

308971 2006 TJ_{96} 5 7.3 271.°26 2.°6/ 9.3 18

4 1	15 22.05	−25 57.1	2.254	3.055	13.1	20.4
4 11	15 17.67	−25 58.8	2.158	3.045	10.4	20.2
4 21	15 11.22	−25 48.4	2.084	3.036	7.3	19.9
5 1	15 3.30	−25 25.5	2.035	3.027	4.1	19.7
5 11	14 54.75	−24 51.7	2.014	3.018	2.7	19.6
5 21	14 46.46	−24 10.2	2.021	3.008	5.2	19.8
5 31	14 39.31	−23 25.5	2.055	2.999	8.5	19.9
6 10	14 33.99	−22 42.6	2.113	2.989	11.7	20.1

478282 2011 VK_{22} 5 7.3 248.°59 2.°9/ 9.5 17

4 1	15 23.18	−26 26.3	2.504	3.294	12.2	21.8
4 11	15 18.36	−26 42.5	2.405	3.285	9.8	21.6
4 21	15 11.60	−26 48.1	2.329	3.276	7.0	21.4
5 1	15 3.45	−26 42.5	2.279	3.267	4.1	21.2
5 11	14 54.67	−26 26.3	2.257	3.258	2.9	21.1
5 21	14 46.11	−26 1.7	2.264	3.248	5.0	21.3
5 31	14 38.58	−25 32.3	2.298	3.238	8.0	21.4
6 10	14 32.74	−25 2.4	2.356	3.228	10.8	21.6

310424 1999 VX_{120} 5 7.3 230.°31 0.°2/ 7.1 16

4 1	15 19.50	−19 17.3	2.712	3.527	10.7	21.4
4 11	15 15.23	−18 36.2	2.616	3.519	8.2	21.2
4 21	15 9.41	−17 46.4	2.545	3.511	5.3	21.0
5 1	15 2.53	−16 50.1	2.501	3.503	2.1	20.8
5 11	14 55.24	−15 50.5	2.487	3.495	1.3	20.7
5 21	14 48.20	−14 51.4	2.502	3.486	4.6	20.9
5 31	14 42.06	−13 56.8	2.545	3.477	7.7	21.1
6 10	14 37.31	−13 10.1	2.613	3.468	10.4	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
43659	2002 FJ_1		5	7.3	57.°76	17.°4/ 2.9 18
	h m	° ′			°	m
4 1	15 34.03	+22 56.2	1.292	2.079	21.6	17.7
4 11	15 26.92	+24 1.9	1.278	2.109	19.6	17.6
4 21	15 16.94	+24 33.3	1.279	2.139	18.1	17.6
5 1	15 5.36	+24 21.8	1.299	2.168	17.4	17.7
5 11	14 53.75	+23 25.1	1.338	2.198	17.7	17.8
5 21	14 43.50	+21 47.3	1.396	2.228	18.8	17.9
5 31	14 35.61	+19 36.7	1.472	2.258	20.2	18.1
6 10	14 30.60	+17 3.7	1.565	2.288	21.7	18.3
173269	1999 RC_{218}		5	7.3	234.°58	0.°1/ 7.2 17
4 1	15 25.80	−18 40.4	1.923	2.745	14.2	21.0
4 11	15 20.79	−18 15.8	1.825	2.732	11.0	20.8
4 21	15 13.39	−17 40.8	1.750	2.718	7.1	20.5
5 1	15 4.22	−16 57.1	1.701	2.703	2.8	20.2
5 11	14 54.26	−16 8.2	1.680	2.688	1.7	20.1
5 21	14 44.57	−15 18.9	1.687	2.672	6.3	20.4
5 31	14 36.19	−14 34.6	1.720	2.655	10.5	20.6
6 10	14 29.91	−13 59.9	1.776	2.638	14.2	20.8
95468	2002 DT_{10}		5	7.3	211.°72	8.°9/10.7 18
4 1	15 39.83	−36 8.9	1.922	2.661	17.1	19.3
4 11	15 32.58	−37 53.5	1.826	2.655	14.7	19.1
4 21	15 21.68	−39 24.1	1.751	2.648	12.1	18.9
5 1	15 7.76	−40 32.8	1.700	2.641	9.8	18.7
5 11	14 52.11	−41 13.5	1.676	2.632	8.9	18.6
5 21	14 36.44	−41 24.7	1.679	2.623	9.9	18.7
5 31	14 22.54	−41 10.5	1.707	2.614	12.3	18.8
6 10	14 11.75	−40 39.8	1.757	2.603	15.1	18.9
284667	2008 GJ_{74}		5	7.3	266.°56	2.°0/ 4.6 18
4 1	15 14.04	− 7 18.5	4.413	5.238	6.7	20.8
4 11	15 10.52	− 6 57.9	4.324	5.232	5.1	20.7
4 21	15 6.15	− 6 37.3	4.262	5.226	3.4	20.6
5 1	15 1.21	− 6 18.3	4.228	5.220	2.1	20.5
5 11	14 56.05	− 6 2.6	4.223	5.214	2.4	20.5
5 21	14 51.02	− 5 51.5	4.248	5.208	3.9	20.6
5 31	14 46.46	− 5 46.2	4.301	5.202	5.6	20.7
6 10	14 42.66	− 5 47.4	4.378	5.195	7.2	20.8
317886	2003 UR_{145}		5	7.3	131.°59	1.°1/ 6.7 18
4 1	15 27.75	−14 53.8	1.795	2.624	14.8	21.1
4 11	15 22.10	−14 42.6	1.725	2.636	11.3	20.9
4 21	15 14.07	−14 25.4	1.676	2.646	7.2	20.7
5 1	15 4.42	−14 4.4	1.654	2.656	2.9	20.4
5 11	14 54.21	−13 42.8	1.659	2.666	2.3	20.4
5 21	14 44.53	−13 24.2	1.692	2.675	6.5	20.7
5 31	14 36.37	−13 12.3	1.751	2.684	10.5	20.9
6 10	14 30.42	−13 9.7	1.833	2.692	14.0	21.2
396640	2001 WZ_{64}		5	7.3	203.°90	0.°9/ 6.4 17
4 1	15 20.41	−16 50.2	2.643	3.463	10.8	21.8
4 11	15 15.92	−16 4.7	2.552	3.459	8.2	21.6
4 21	15 9.86	−15 11.9	2.486	3.455	5.2	21.4
5 1	15 2.72	−14 14.3	2.448	3.450	2.1	21.2
5 11	14 55.19	−13 15.4	2.439	3.445	1.8	21.1
5 21	14 47.93	−12 19.1	2.460	3.440	5.0	21.4
5 31	14 41.60	−11 29.3	2.508	3.434	8.1	21.5
6 10	14 36.69	−10 49.0	2.581	3.428	10.8	21.7
144988	2005 EC_{164}		5	7.3	328.°35	1.°0/ 6.8 17
4 1	15 18.81	−17 13.6	1.216	2.080	18.1	19.9
4 11	15 16.62	−16 48.9	1.132	2.062	14.0	19.5
4 21	15 11.30	−16 11.2	1.067	2.044	9.1	19.2
5 1	15 3.55	−15 23.3	1.024	2.028	3.6	18.8
5 11	14 54.65	−14 31.1	1.005	2.012	2.7	18.7
5 21	14 46.08	−13 41.9	1.008	1.998	8.5	19.0
5 31	14 39.31	−13 3.2	1.033	1.984	14.0	19.3
6 10	14 35.40	−12 40.9	1.076	1.972	18.8	19.5
481464	2006 YA_6		5	7.3	300.°77	3.°7/10.4 18
4 1	15 20.73	−29 58.8	2.151	2.941	14.0	20.6
4 11	15 16.86	−29 49.3	2.049	2.926	11.3	20.4
4 21	15 10.82	−29 23.2	1.968	2.911	8.3	20.2
5 1	15 3.20	−28 40.0	1.912	2.896	5.2	19.9
5 11	14 54.90	−27 41.3	1.883	2.881	3.7	19.8
5 21	14 46.88	−26 31.3	1.881	2.867	5.6	19.9
5 31	14 40.09	−25 15.9	1.906	2.852	8.9	20.1
6 10	14 35.23	−24 2.0	1.954	2.838	12.2	20.3
38054	1999 AG_{10}		5	7.3	170.°96	1.°5/ 8.4 18
4 1	15 28.70	−22 57.8	1.957	2.763	14.6	19.4
4 11	15 22.84	−22 46.5	1.874	2.768	11.4	19.2
4 21	15 14.58	−22 22.8	1.812	2.772	7.6	19.0
5 1	15 4.65	−21 47.0	1.777	2.775	3.6	18.7
5 11	14 54.09	−21 1.9	1.770	2.777	1.9	18.6
5 21	14 44.00	−20 12.0	1.792	2.779	5.7	18.8
5 31	14 35.38	−19 22.8	1.840	2.779	9.7	19.1
6 10	14 28.96	−18 39.8	1.912	2.779	13.2	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
423040	2003 UL_{101}		5	7.3	233.°35	0.°7/ 6.9 17
	h m	° ′			°	m
4 1	15 27.00	−16 26.7	2.012	2.833	13.7	22.4
4 11	15 21.62	−16 7.6	1.912	2.818	10.6	22.1
4 21	15 13.90	−15 40.7	1.835	2.803	6.8	21.9
5 1	15 4.45	−15 7.7	1.784	2.786	2.7	21.6
5 11	14 54.18	−14 31.9	1.762	2.769	2.0	21.5
5 21	14 44.14	−13 57.2	1.768	2.751	6.3	21.7
5 31	14 35.35	−13 28.0	1.800	2.732	10.4	21.9
6 10	14 28.57	−13 8.3	1.856	2.712	14.0	22.1
115756	2003 UM_{205}		5	7.3	223.°69	1.°4/ 8.4 18
4 1	15 23.35	−22 28.7	2.246	3.055	12.9	20.5
4 11	15 18.58	−22 22.7	2.153	3.049	10.0	20.3
4 21	15 11.79	−22 6.5	2.083	3.043	6.7	20.1
5 1	15 3.56	−21 40.4	2.038	3.036	3.2	19.9
5 11	14 54.72	−21 6.6	2.022	3.029	1.7	19.8
5 21	14 46.17	−20 28.4	2.034	3.022	5.1	20.0
5 31	14 38.77	−19 50.2	2.074	3.015	8.7	20.2
6 10	14 33.16	−19 16.3	2.137	3.007	11.8	20.4
172038	2001 WE_{51}		5	7.3	178.°08	0.°7/ 7.9 18
4 1	15 22.08	−20 33.5	2.475	3.286	11.7	21.3
4 11	15 17.35	−20 23.4	2.388	3.287	9.1	21.1
4 21	15 10.85	−20 5.1	2.325	3.288	5.9	20.9
5 1	15 3.15	−19 39.4	2.288	3.288	2.6	20.7
5 11	14 54.98	−19 8.8	2.280	3.288	1.3	20.6
5 21	14 47.11	−18 36.0	2.301	3.288	4.7	20.8
5 31	14 40.27	−18 4.8	2.350	3.288	7.9	21.0
6 10	14 35.02	−17 38.4	2.423	3.287	10.8	21.2
384855	2012 SN_{21}		5	7.3	257.°75	4.°0/ 4.5 17
4 1	15 21.81	− 8 0.2	1.986	2.827	13.1	21.5
4 11	15 17.47	− 7 15.3	1.905	2.821	10.1	21.3
4 21	15 11.09	− 6 28.5	1.846	2.814	6.8	21.1
5 1	15 3.28	− 5 44.2	1.814	2.807	4.2	20.9
5 11	14 54.90	− 5 7.3	1.808	2.801	4.8	20.9
5 21	14 46.85	− 4 41.6	1.830	2.794	7.8	21.1
5 31	14 39.97	− 4 30.2	1.876	2.787	11.2	21.3
6 10	14 34.93	− 4 34.2	1.945	2.780	14.3	21.5
375058	2007 PU_{35}		5	7.3	234.°28	3.°2/ 5.0 18
4 1	15 23.01	− 8 35.1	2.242	3.074	12.1	20.9
4 11	15 18.19	− 8 4.8	2.153	3.065	9.3	20.7
4 21	15 11.47	− 7 32.9	2.088	3.055	6.2	20.5
5 1	15 3.42	− 7 2.8	2.050	3.045	3.6	20.3
5 11	14 54.81	− 6 38.1	2.040	3.035	4.0	20.3
5 21	14 46.47	− 6 21.9	2.058	3.025	6.9	20.5
5 31	14 39.18	− 6 16.9	2.102	3.014	10.1	20.7
6 10	14 33.56	− 6 24.2	2.169	3.003	13.0	20.8
196860	2003 SG_{272}		5	7.3	350.°04	2.°4/ 5.4 17
4 1	15 19.57	−15 28.4	1.736	2.581	14.5	19.5
4 11	15 16.02	−14 15.4	1.658	2.579	11.0	19.2
4 21	15 10.25	−12 51.6	1.603	2.577	7.0	19.0
5 1	15 2.96	−11 22.3	1.574	2.576	3.1	18.8
5 11	14 55.11	− 9 54.5	1.572	2.575	3.5	18.8
5 21	14 47.70	− 8 35.4	1.597	2.574	7.5	19.0
5 31	14 41.66	− 7 31.1	1.646	2.573	11.5	19.2
6 10	14 37.64	− 6 45.3	1.717	2.573	14.9	19.5
430755	2004 RH_{16}		5	7.3	214.°26	6.°1/ 1.7 17
4 1	15 21.95	− 1 28.5	2.288	3.120	11.9	21.7
4 11	15 17.27	− 0 7.9	2.208	3.113	9.4	21.5
4 21	15 10.82	+ 1 11.3	2.154	3.105	7.2	21.4
5 1	15 3.15	+ 2 23.2	2.126	3.097	6.1	21.3
5 11	14 55.00	+ 3 22.3	2.126	3.088	6.9	21.3
5 21	14 47.14	+ 4 4.3	2.153	3.078	9.2	21.4
5 31	14 40.31	+ 4 26.8	2.205	3.068	11.7	21.6
6 10	14 35.08	+ 4 29.7	2.278	3.057	14.2	21.7
116803	2004 EJ_{68}		5	7.3	312.°14	3.°2/ 9.0 17
4 1	15 22.74	−24 40.0	1.462	2.293	17.5	19.3
4 11	15 19.37	−24 53.3	1.371	2.277	13.9	19.1
4 21	15 12.97	−24 51.4	1.299	2.261	9.8	18.8
5 1	15 4.22	−24 32.8	1.250	2.245	5.3	18.5
5 11	14 54.32	−23 59.1	1.225	2.230	3.3	18.3
5 21	14 44.70	−23 14.5	1.225	2.216	7.2	18.5
5 31	14 36.77	−22 26.1	1.248	2.202	11.9	18.7
6 10	14 31.58	−21 41.9	1.293	2.188	16.3	18.9
206747	2004 BH_{145}		5	7.3	282.°36	1.°6/ 6.2 17
4 1	15 21.37	−14 6.6	2.064	2.898	12.9	20.6
4 11	15 17.11	−13 39.8	1.979	2.893	9.8	20.4
4 21	15 10.86	−13 7.4	1.917	2.888	6.3	20.2
5 1	15 3.20	−12 31.9	1.881	2.883	2.7	20.0
5 11	14 54.97	−11 57.2	1.873	2.878	2.5	19.9
5 21	14 47.06	−11 26.9	1.892	2.873	6.2	20.2
5 31	14 40.31	−11 4.8	1.938	2.868	9.8	20.4
6 10	14 35.35	−10 53.4	2.006	2.863	13.1	20.6

296808 2009 VO_{75} 5 7.3 199.°63 2.°2/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.41	−12 9.8	2.035	2.867	13.2	21.3
4 11	15 19.42	−11 46.0	1.952	2.865	10.0	21.1
4 21	15 12.33	−11 18.2	1.892	2.862	6.5	20.9
5 1	15 3.78	−10 49.2	1.859	2.859	3.0	20.6
5 11	14 54.64	−10 22.6	1.854	2.856	3.0	20.6
5 21	14 45.85	−10 1.9	1.876	2.853	6.6	20.8
5 31	14 38.28	− 9 50.3	1.924	2.849	10.2	21.1
6 10	14 32.60	− 9 49.7	1.996	2.844	13.4	21.2

280901 2005 XX_{57} 5 7.3 21.°56 6.°6/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.55	− 4 29.6	1.505	2.365	15.5	19.5
4 11	15 16.13	− 3 15.4	1.448	2.371	12.1	19.3
4 21	15 10.36	− 2 2.4	1.412	2.378	8.7	19.1
5 1	15 3.00	− 0 58.2	1.400	2.385	6.6	19.0
5 11	14 55.12	− 0 10.0	1.412	2.393	7.6	19.1
5 21	14 47.80	+ 0 17.4	1.449	2.401	10.6	19.3
5 31	14 41.99	+ 0 21.7	1.508	2.410	13.9	19.5
6 10	14 38.35	+ 0 3.8	1.586	2.420	17.0	19.7

83065 2001 QW_{212} 5 7.3 244.°95 0.°3/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.78	−19 25.3	2.324	3.142	12.2	20.0
4 11	15 17.30	−19 8.7	2.229	3.133	9.4	19.8
4 21	15 10.93	−18 43.5	2.158	3.124	6.1	19.6
5 1	15 3.22	−18 11.2	2.113	3.115	2.5	19.4
5 11	14 54.95	−17 34.4	2.097	3.105	1.3	19.3
5 21	14 46.94	−16 56.4	2.109	3.096	5.1	19.5
5 31	14 39.98	−16 21.4	2.148	3.086	8.6	19.7
6 10	14 34.70	−15 52.8	2.212	3.076	11.7	19.9

299453 2006 BS_{55} 5 7.4 180.°62 4.°4/ 9.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.21	−28 50.4	1.705	2.501	16.8	21.7
4 11	15 23.83	−29 4.9	1.621	2.503	13.6	21.5
4 21	15 15.54	−29 2.1	1.558	2.503	9.9	21.3
5 1	15 5.14	−28 40.0	1.518	2.504	6.1	21.1
5 11	14 53.87	−27 59.6	1.504	2.503	4.4	21.0
5 21	14 43.10	−27 5.1	1.517	2.502	6.9	21.1
5 31	14 34.08	−26 3.8	1.556	2.501	10.7	21.3
6 10	14 27.70	−25 3.8	1.617	2.498	14.4	21.5

37808 1997 YL_{14} 5 7.4 67.°00 0.°5/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.65	−20 25.3	1.412	2.252	17.5	18.3
4 11	15 20.41	−20 2.1	1.345	2.260	13.5	18.1
4 21	15 13.31	−19 25.0	1.297	2.268	8.8	17.8
5 1	15 4.22	−18 36.1	1.274	2.276	3.6	17.6
5 11	14 54.44	−17 40.5	1.275	2.284	1.9	17.4
5 21	14 45.32	−16 44.8	1.303	2.292	7.0	17.8
5 31	14 38.05	−15 55.8	1.354	2.301	11.8	18.1
6 10	14 33.41	−15 19.0	1.426	2.309	15.9	18.4

374433 2005 WV_{158} 5 7.4 117.°42 1.°2/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.98	−22 51.8	2.303	3.104	12.8	21.9
4 11	15 20.25	−22 31.9	2.234	3.126	9.9	21.8
4 21	15 12.64	−22 1.3	2.188	3.147	6.6	21.6
5 1	15 3.83	−21 21.1	2.169	3.167	3.0	21.4
5 11	14 54.68	−20 34.4	2.179	3.187	1.6	21.3
5 21	14 46.05	−19 45.0	2.219	3.206	4.8	21.6
5 31	14 38.68	−18 57.4	2.286	3.224	8.1	21.8
6 10	14 33.13	−18 15.7	2.378	3.241	11.0	22.0

33330 Barèges 5 7.4 279.°22 0.°0/ 7.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.31	−18 28.5	1.461	2.299	17.1	20.4
4 11	15 22.18	−18 17.8	1.359	2.274	13.4	20.1
4 21	15 14.89	−17 55.6	1.277	2.247	8.8	19.8
5 1	15 5.06	−17 22.6	1.218	2.220	3.6	19.4
5 11	14 53.84	−16 42.1	1.185	2.193	2.1	19.2
5 21	14 42.71	−15 59.5	1.177	2.166	7.8	19.5
5 31	14 33.16	−15 21.6	1.193	2.138	13.3	19.7
6 10	14 26.37	−14 54.8	1.230	2.110	18.1	19.9

85397 1996 TN_3 5 7.4 182.°89 4.°6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.38	− 6 25.2	2.217	3.051	12.1	19.9
4 11	15 17.61	− 5 13.6	2.141	3.052	9.4	19.7
4 21	15 11.03	− 4 0.5	2.089	3.052	6.5	19.5
5 1	15 3.24	− 2 51.1	2.065	3.052	4.7	19.4
5 11	14 55.00	− 1 50.6	2.069	3.051	5.4	19.4
5 21	14 47.13	− 1 3.6	2.101	3.049	8.0	19.6
5 31	14 40.35	− 0 33.1	2.158	3.047	10.9	19.8
6 10	14 35.23	− 0 19.9	2.237	3.045	13.5	19.9

507473 2012 TB_{246} 5 7.4 219.°23 1.°4/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.93	−22 51.0	2.506	3.306	11.9	22.7
4 11	15 18.86	−22 44.9	2.406	3.298	9.3	22.5
4 21	15 11.91	−22 29.1	2.330	3.288	6.3	22.3
5 1	15 3.62	−22 4.0	2.281	3.278	3.1	22.1
5 11	14 54.76	−21 31.3	2.261	3.268	1.7	22.0
5 21	14 46.14	−20 54.1	2.270	3.257	4.7	22.2
5 31	14 38.54	−20 16.2	2.307	3.245	8.0	22.3
6 10	14 32.59	−19 41.7	2.368	3.233	11.0	22.5

38067 1999 FO_{31} 5 7.4 183.°46 3.°4/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.21	−26 12.4	2.186	2.974	13.8	18.0
4 11	15 23.23	−26 45.8	2.096	2.975	11.1	17.8
4 21	15 14.90	−27 8.3	2.029	2.975	7.9	17.6
5 1	15 4.86	−27 18.2	1.987	2.974	4.8	17.4
5 11	14 54.05	−27 15.3	1.974	2.973	3.5	17.3
5 21	14 43.54	−27 1.6	1.989	2.972	5.7	17.4
5 31	14 34.35	−26 41.0	2.032	2.970	9.0	17.6
6 10	14 27.23	−26 18.5	2.098	2.967	12.1	17.8

253071 2002 TG_{127} 5 7.4 304.°68 1.°0/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.84	−22 34.4	1.502	2.337	16.8	20.1
4 11	15 18.38	−22 3.2	1.415	2.327	13.1	19.9
4 21	15 12.13	−21 14.9	1.349	2.318	8.8	19.6
5 1	15 3.82	−20 11.1	1.307	2.308	3.8	19.3
5 11	14 54.64	−18 56.7	1.290	2.299	1.9	19.1
5 21	14 45.89	−17 39.0	1.299	2.289	6.9	19.4
5 31	14 38.78	−16 26.2	1.332	2.281	11.8	19.6
6 10	14 34.20	−15 25.7	1.386	2.272	16.1	19.9

519627 2012 UG_{182} 5 7.4 134.°76 5.°4/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.61	− 1 12.1	2.368	3.199	11.6	21.5
4 11	15 16.86	− 0 21.9	2.302	3.206	9.1	21.4
4 21	15 10.46	+ 0 24.8	2.260	3.213	6.8	21.2
5 1	15 2.99	+ 1 3.4	2.246	3.220	5.5	21.1
5 11	14 55.17	+ 1 30.0	2.258	3.227	6.1	21.2
5 21	14 47.71	+ 1 42.1	2.298	3.233	8.2	21.3
5 31	14 41.29	+ 1 38.4	2.363	3.239	10.6	21.5
6 10	14 36.40	+ 1 19.3	2.450	3.245	12.8	21.7

396394 2014 DF_{126} 5 7.4 338.°17 2.°1/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.31	−13 33.5	1.951	2.794	13.2	20.8
4 11	15 15.65	−12 53.5	1.870	2.788	10.1	20.5
4 21	15 9.96	−12 7.2	1.811	2.783	6.5	20.3
5 1	15 2.87	−11 18.3	1.777	2.779	2.9	20.1
5 11	14 55.22	−10 31.2	1.771	2.774	3.1	20.1
5 21	14 47.91	− 9 50.6	1.792	2.771	6.7	20.3
5 31	14 41.79	− 9 20.5	1.838	2.767	10.3	20.5
6 10	14 37.49	− 9 3.6	1.907	2.764	13.6	20.7

523704 2014 HB_{200} 5 7.4 0.°40 0.°0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 1.69	−18 24.5	29.099	29.906	1.1	22.4
4 11	15 0.79	−18 21.7	29.007	29.906	0.9	22.3
4 21	14 59.79	−18 18.4	28.942	29.906	0.6	22.3
5 1	14 58.72	−18 14.6	28.905	29.906	0.2	22.2
5 11	14 57.62	−18 10.7	28.898	29.906	0.1	22.2
5 21	14 56.54	−18 6.8	28.920	29.906	0.4	22.3
5 31	14 55.52	−18 2.9	28.970	29.906	0.8	22.3
6 10	14 54.59	−17 59.4	29.048	29.906	1.1	22.4

297733 2001 WC_{70} 5 7.4 250.°44 0.°9/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.05	−14 1.0	2.442	3.263	11.6	21.5
4 11	15 18.95	−14 0.8	2.343	3.250	8.9	21.3
4 21	15 11.98	−13 57.0	2.268	3.236	5.7	21.1
5 1	15 3.67	−13 51.1	2.221	3.223	2.3	20.8
5 11	14 54.74	−13 44.9	2.202	3.209	1.8	20.8
5 21	14 46.00	−13 40.6	2.213	3.194	5.3	21.0
5 31	14 38.22	−13 40.6	2.251	3.180	8.7	21.2
6 10	14 32.04	−13 46.9	2.313	3.165	11.7	21.3

396561 1999 TQ_{306} 5 7.4 313.°20 9.°2/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.84	−42 28.9	2.283	2.993	15.5	21.3
4 11	15 23.62	−43 47.5	2.189	2.986	13.7	21.2
4 21	15 15.55	−44 48.8	2.116	2.979	11.7	21.0
5 1	15 5.25	−45 27.4	2.064	2.973	10.1	20.9
5 11	14 53.80	−45 39.9	2.037	2.967	9.2	20.8
5 21	14 42.51	−45 26.6	2.034	2.960	9.5	20.8
5 31	14 32.70	−44 51.3	2.056	2.954	10.9	20.9
6 10	14 25.38	−44 1.2	2.100	2.948	12.9	21.0

382145 2011 LX_7 5 7.4 94.°06 3.°8/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.88	− 7 12.8	1.943	2.779	13.5	20.6
4 11	15 19.68	− 6 49.4	1.878	2.791	10.3	20.5
4 21	15 12.42	− 6 26.4	1.836	2.803	6.9	20.3
5 1	15 3.80	− 6 7.4	1.820	2.814	4.1	20.1
5 11	14 54.74	− 5 56.1	1.832	2.826	4.5	20.2
5 21	14 46.16	− 5 55.0	1.871	2.837	7.5	20.4
5 31	14 38.91	− 6 5.8	1.935	2.848	10.8	20.6
6 10	14 33.58	− 6 28.9	2.022	2.859	13.7	20.8

8310 Seelos 5 7.4 142.°88 3.°5/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.70	−10 37.0	1.603	2.447	15.5	18.1
4 11	15 20.81	− 9 55.5	1.533	2.452	11.9	17.9
4 21	15 13.40	− 9 10.1	1.485	2.456	7.8	17.7
5 1	15 4.25	− 8 25.2	1.462	2.461	4.1	17.5
5 11	14 54.48	− 7 46.4	1.466	2.465	4.5	17.5
5 21	14 45.24	− 7 18.5	1.496	2.469	8.3	17.7
5 31	14 37.59	− 7 5.0	1.550	2.472	12.3	18.0
6 10	14 32.26	− 7 7.7	1.625	2.475	15.9	18.2

373216 2012 FX_{33} 5 7.4 296.°56 3.°3/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.74	−11 18.3	1.548	2.398	15.6	21.0
4 11	15 18.89	−10 41.3	1.463	2.385	12.0	20.7
4 21	15 12.39	− 9 58.9	1.399	2.372	7.9	20.5
5 1	15 3.94	− 9 15.4	1.360	2.359	4.0	20.2
5 11	14 54.62	− 8 36.5	1.346	2.347	4.4	20.2
5 21	14 45.62	− 8 7.4	1.357	2.334	8.5	20.4
5 31	14 38.12	− 7 52.8	1.392	2.322	12.9	20.6
6 10	14 32.97	− 7 54.8	1.448	2.310	16.9	20.8

24270 Dougskinner 5 7.4 222.°75 1.°9/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.83	−12 48.9	2.361	3.188	11.8	19.1
4 11	15 18.00	−12 17.6	2.269	3.179	9.0	18.9
4 21	15 11.35	−11 41.7	2.201	3.170	5.8	18.7
5 1	15 3.42	−11 3.8	2.160	3.160	2.6	18.5
5 11	14 54.96	−10 27.4	2.147	3.150	2.7	18.4
5 21	14 46.74	− 9 56.0	2.164	3.139	5.9	18.6
5 31	14 39.55	− 9 32.8	2.207	3.128	9.3	18.8
6 10	14 33.96	− 9 20.0	2.274	3.117	12.2	19.0

503897 2001 VA_4 5 7.4 239.°76 1.°0/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.94	−22 9.0	2.232	3.039	13.0	22.9
4 11	15 19.91	−21 47.6	2.127	3.023	10.2	22.7
4 21	15 12.75	−21 14.5	2.044	3.005	6.8	22.5
5 1	15 4.03	−20 30.7	1.988	2.987	3.0	22.2
5 11	14 54.59	−19 38.8	1.960	2.968	1.5	22.0
5 21	14 45.38	−18 42.8	1.962	2.949	5.3	22.2
5 31	14 37.31	−17 48.0	1.990	2.928	9.1	22.4
6 10	14 31.08	−16 59.4	2.043	2.907	12.6	22.6

374582 2006 DK_{11} 5 7.4 97.°84 6.°7/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.00	−35 14.1	2.030	2.786	15.8	20.6
4 11	15 24.13	−36 6.0	1.958	2.802	13.2	20.5
4 21	15 15.59	−36 40.3	1.905	2.817	10.5	20.3
5 1	15 5.15	−36 53.5	1.876	2.832	8.0	20.2
5 11	14 53.98	−36 44.6	1.873	2.846	6.7	20.1
5 21	14 43.32	−36 16.0	1.897	2.861	7.6	20.2
5 31	14 34.32	−35 33.1	1.946	2.875	9.9	20.4
6 10	14 27.77	−34 43.3	2.019	2.889	12.4	20.6

270419 2002 CB_{24} 5 7.4 203.°22 2.°6/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.80	−27 51.3	2.757	3.539	11.4	21.0
4 11	15 17.09	−27 42.2	2.660	3.536	9.1	20.9
4 21	15 10.70	−27 21.2	2.587	3.532	6.5	20.7
5 1	15 3.14	−26 48.5	2.541	3.528	3.9	20.5
5 11	14 55.13	−26 5.6	2.523	3.523	2.6	20.4
5 21	14 47.40	−25 15.5	2.534	3.519	4.5	20.5
5 31	14 40.64	−24 22.3	2.573	3.514	7.2	20.7
6 10	14 35.39	−23 30.4	2.637	3.508	9.8	20.9

374463 2005 XO_{54} 5 7.4 43.°40 0.°7/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.89	−19 43.2	1.551	2.388	16.3	21.0
4 11	15 19.61	−19 40.5	1.485	2.398	12.6	20.8
4 21	15 12.71	−19 27.0	1.439	2.408	8.2	20.6
5 1	15 4.00	−19 3.9	1.418	2.419	3.4	20.3
5 11	14 54.67	−18 34.7	1.422	2.431	1.8	20.2
5 21	14 45.92	−18 3.8	1.453	2.442	6.4	20.5
5 31	14 38.85	−17 36.4	1.507	2.454	10.8	20.8
6 10	14 34.19	−17 17.0	1.584	2.467	14.6	21.1

363436 2003 SW_{86} 5 7.4 245.°38 1.°7/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.90	−14 0.7	1.897	2.725	14.1	22.1
4 11	15 21.72	−13 36.4	1.797	2.707	10.9	21.8
4 21	15 14.09	−13 5.7	1.719	2.689	7.0	21.5
5 1	15 4.62	−12 30.9	1.668	2.669	3.0	21.2
5 11	14 54.26	−11 55.9	1.644	2.649	2.8	21.2
5 21	14 44.09	−11 25.0	1.648	2.628	7.0	21.4
5 31	14 35.20	−11 2.4	1.678	2.606	11.2	21.6
6 10	14 28.41	−10 51.6	1.731	2.583	15.0	21.8

468076 2013 TS_{14} 5 7.4 6.°45 1.°5/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.21	−25 47.6	1.386	2.222	17.9	19.6
4 11	15 16.43	−24 48.1	1.311	2.222	14.0	19.3
4 21	15 10.84	−23 25.2	1.257	2.223	9.4	19.1
5 1	15 3.30	−21 41.9	1.225	2.225	4.4	18.8
5 11	14 55.09	−19 45.7	1.219	2.227	2.0	18.6
5 21	14 47.50	−17 47.1	1.239	2.231	6.9	18.9
5 31	14 41.70	−15 57.2	1.282	2.235	11.8	19.2
6 10	14 38.45	−14 24.7	1.347	2.239	16.1	19.5

417204 2005 XS_{39} 5 7.4 21.°87 11.°6/17.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 17.94	−43 58.7	0.946	1.747	26.9	18.1
4 11	15 16.87	−44 19.8	0.915	1.776	23.2	18.0
4 21	15 11.56	−43 55.7	0.896	1.808	19.1	17.8
5 1	15 3.56	−42 43.1	0.893	1.843	15.1	17.7
5 11	14 55.06	−40 47.3	0.909	1.879	12.2	17.7
5 21	14 48.05	−38 21.4	0.944	1.918	11.8	17.8
5 31	14 43.91	−35 43.5	1.001	1.958	13.8	18.1
6 10	14 43.18	−33 11.0	1.078	2.000	16.7	18.4

500831 2013 GV_{136} 5 7.4 70.°55 0.°0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.81	−15 39.9	40.030	40.844	0.8	24.4
4 11	15 0.14	−15 36.6	39.941	40.845	0.6	24.4
4 21	14 59.39	−15 33.0	39.878	40.846	0.4	24.3
5 1	14 58.60	−15 29.2	39.845	40.847	0.1	24.3
5 11	14 57.78	−15 25.4	39.840	40.848	0.1	24.3
5 21	14 56.98	−15 21.7	39.865	40.849	0.3	24.3
5 31	14 56.21	−15 18.2	39.919	40.849	0.6	24.4
6 10	14 55.52	−15 15.0	39.999	40.850	0.8	24.4

384837 2012 SA 5 7.4 289.°71 8.°1/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.49	−37 10.9	1.900	2.658	16.7	20.5
4 11	15 22.12	−38 2.5	1.796	2.638	14.3	20.3
4 21	15 14.76	−38 35.8	1.710	2.617	11.7	20.1
5 1	15 5.01	−38 45.7	1.647	2.597	9.3	19.9
5 11	14 54.02	−38 29.6	1.608	2.577	8.1	19.8
5 21	14 43.16	−37 48.5	1.594	2.556	8.9	19.8
5 31	14 33.87	−36 47.9	1.605	2.536	11.4	19.8
6 10	14 27.21	−35 36.7	1.637	2.516	14.4	20.0

107741 2001 FS_{32} 5 7.4 245.°16 13.°4/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 22.65	+ 1 25.1	1.116	1.984	19.1	19.4
4 11	15 19.36	+ 4 54.2	1.062	1.980	15.9	19.2
4 21	15 12.90	+ 8 22.1	1.030	1.975	13.8	19.0
5 1	15 4.17	+11 28.9	1.021	1.970	13.7	19.0
5 11	14 54.59	+13 56.4	1.035	1.965	15.9	19.1
5 21	14 45.67	+15 33.9	1.068	1.960	19.1	19.3
5 31	14 38.75	+16 19.1	1.119	1.954	22.4	19.5
6 10	14 34.68	+16 17.2	1.182	1.949	25.3	19.7

175993 2000 QB_{145} 5 7.4 213.°51 5.°6/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.55	+ 2 5.3	3.018	3.839	9.6	21.3
4 11	15 15.07	+ 3 12.5	2.938	3.830	7.8	21.1
4 21	15 9.27	+ 4 16.1	2.884	3.822	6.2	21.0
5 1	15 2.56	+ 5 11.9	2.857	3.813	5.6	20.9
5 11	14 55.51	+ 5 56.0	2.859	3.803	6.2	21.0
5 21	14 48.67	+ 6 25.7	2.888	3.793	7.9	21.1
5 31	14 42.57	+ 6 39.6	2.942	3.782	9.8	21.2
6 10	14 37.67	+ 6 37.7	3.018	3.771	11.6	21.3

292042 2006 QM_{183} 5 7.4 292.°83 0.°1/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.11	−18 16.5	2.061	2.889	13.2	21.2
4 11	15 17.04	−17 56.2	1.969	2.879	10.1	21.0
4 21	15 10.91	−17 27.1	1.901	2.870	6.5	20.8
5 1	15 3.30	−16 51.1	1.858	2.861	2.6	20.5
5 11	14 55.07	−16 11.4	1.843	2.851	1.6	20.4
5 21	14 47.13	−15 32.0	1.856	2.842	5.7	20.7
5 31	14 40.34	−14 57.2	1.894	2.833	9.5	20.9
6 10	14 35.39	−14 30.9	1.956	2.824	12.9	21.1

183902 2004 CW_{89} 5 7.4 73.°11 0.°8/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.95	−16 27.6	2.050	2.880	13.1	20.3
4 11	15 17.48	−16 4.2	1.978	2.890	10.0	20.1
4 21	15 11.05	−15 33.8	1.929	2.899	6.4	19.9
5 1	15 3.30	−14 58.7	1.906	2.909	2.5	19.7
5 11	14 55.11	−14 22.5	1.911	2.918	1.9	19.7
5 21	14 47.34	−13 49.0	1.943	2.928	5.7	19.9
5 31	14 40.80	−13 21.9	2.002	2.937	9.3	20.2
6 10	14 36.09	−13 4.1	2.084	2.947	12.4	20.4

347380 2012 RX_{17} 5 7.4 238.°74 2.°0/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.76	−13 48.6	2.291	3.120	12.0	21.6
4 11	15 17.28	−13 1.7	2.196	3.108	9.1	21.4
4 21	15 10.94	−12 8.4	2.125	3.095	5.9	21.2
5 1	15 3.29	−11 11.6	2.082	3.083	2.7	20.9
5 11	14 55.09	−10 15.8	2.067	3.069	2.8	20.9
5 21	14 47.15	− 9 25.2	2.081	3.056	6.2	21.1
5 31	14 40.23	− 8 44.0	2.121	3.042	9.6	21.3
6 10	14 34.95	− 8 15.1	2.185	3.027	12.6	21.5

233216 2005 XW_{116} 5 7.4 247.°91 3.°0/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.47	− 9 55.2	2.041	2.874	13.1	20.8
4 11	15 19.59	− 9 26.6	1.947	2.860	10.0	20.6
4 21	15 12.56	− 8 55.3	1.877	2.846	6.6	20.3
5 1	15 3.98	− 8 24.5	1.833	2.831	3.5	20.1
5 11	14 54.69	− 7 58.1	1.817	2.816	3.8	20.1
5 21	14 45.64	− 7 39.7	1.829	2.800	7.2	20.3
5 31	14 37.75	− 7 32.5	1.867	2.784	10.8	20.5
6 10	14 31.73	− 7 38.1	1.926	2.768	14.1	20.6

502805 2015 DP_{111} 5 7.4 142.°65 10.°9/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 35.94	−46 8.9	2.104	2.788	17.3	22.5
4 11	15 29.48	−47 38.0	2.025	2.795	15.5	22.3
4 21	15 19.55	−48 46.0	1.963	2.802	13.6	22.2
5 1	15 6.91	−49 25.6	1.923	2.809	11.9	22.1
5 11	14 52.98	−49 32.7	1.906	2.815	10.9	22.0
5 21	14 39.45	−49 7.9	1.913	2.820	11.1	22.0
5 31	14 27.93	−48 16.5	1.943	2.825	12.2	22.1
6 10	14 19.53	−47 7.9	1.995	2.830	13.9	22.3

36941 2000 SV_{239} 5 7.4 140.°43 0.°1/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.83	−18 43.2	3.505	4.314	8.7	20.1
4 11	15 13.63	−18 28.8	3.421	4.320	6.6	19.9
4 21	15 8.28	−18 9.3	3.361	4.326	4.2	19.8
5 1	15 2.16	−17 45.6	3.330	4.332	1.7	19.6
5 11	14 55.77	−17 19.8	3.329	4.337	0.9	19.5
5 21	14 49.59	−16 53.7	3.357	4.343	3.5	19.8
5 31	14 44.09	−16 29.5	3.414	4.348	5.9	19.9
6 10	14 39.66	−16 9.3	3.497	4.353	8.0	20.1

263888 2009 FT_1 5 7.4 343.°19 5.°6/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 17.91	− 5 39.4	1.568	2.429	14.9	18.8
4 11	15 15.07	− 4 52.9	1.490	2.415	11.6	18.6
4 21	15 9.86	− 4 6.5	1.433	2.402	8.2	18.4
5 1	15 2.94	− 3 26.2	1.400	2.391	5.7	18.2
5 11	14 55.29	− 2 57.9	1.392	2.380	6.5	18.2
5 21	14 47.98	− 2 46.3	1.408	2.371	9.7	18.4
5 31	14 42.03	− 2 54.1	1.446	2.363	13.5	18.5
6 10	14 38.21	− 3 21.3	1.504	2.356	16.9	18.7

241612 1999 TN_{35} 5 7.4 135.°45 2.°6/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.62	−24 58.8	2.160	2.950	13.9	21.0
4 11	15 24.08	−25 13.7	2.085	2.967	11.0	20.8
4 21	15 15.30	−25 17.0	2.032	2.983	7.6	20.7
5 1	15 5.00	−25 8.1	2.007	2.998	4.2	20.5
5 11	14 54.16	−24 48.0	2.010	3.013	2.7	20.4
5 21	14 43.83	−24 20.0	2.042	3.027	5.4	20.6
5 31	14 34.93	−23 48.4	2.101	3.039	8.7	20.8
6 10	14 28.13	−23 18.1	2.186	3.051	11.8	21.0

214997 2008 CK_{47} 5 7.4 252.°91 6.°5/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.01	+ 0 33.4	2.320	3.155	11.6	20.4
4 11	15 15.03	+ 1 54.3	2.247	3.151	9.4	20.3
4 21	15 9.40	+ 3 11.9	2.199	3.146	7.4	20.1
5 1	15 2.65	+ 4 20.4	2.178	3.141	6.5	20.1
5 11	14 55.48	+ 5 14.4	2.184	3.136	7.4	20.1
5 21	14 48.61	+ 5 50.2	2.215	3.131	9.4	20.2
5 31	14 42.71	+ 6 6.1	2.270	3.126	11.7	20.4
6 10	14 38.31	+ 6 2.2	2.346	3.121	13.9	20.5

471830 2012 XW_{58} 5 7.4 204.°47 0.°2/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.76	−18 9.9	2.381	3.200	11.9	22.1
4 11	15 17.20	−17 46.8	2.292	3.198	9.1	21.9
4 21	15 10.84	−17 16.1	2.227	3.195	5.9	21.7
5 1	15 3.25	−16 39.4	2.190	3.192	2.3	21.5
5 11	14 55.16	−15 59.8	2.180	3.188	1.4	21.4
5 21	14 47.38	−15 20.6	2.200	3.185	5.0	21.7
5 31	14 40.63	−14 45.8	2.246	3.181	8.4	21.9
6 10	14 35.49	−14 18.4	2.317	3.177	11.4	22.0

502119 2015 BS_7 5 7.4 50.°86 1.°0/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.18	−15 35.7	1.603	2.444	15.7	21.2
4 11	15 19.73	−15 22.0	1.534	2.452	11.9	21.0
4 21	15 12.77	−15 1.2	1.487	2.459	7.6	20.8
5 1	15 4.06	−14 35.7	1.464	2.467	3.0	20.5
5 11	14 54.72	−14 9.2	1.467	2.474	2.3	20.5
5 21	14 45.92	−13 46.1	1.497	2.482	6.8	20.8
5 31	14 38.70	−13 30.5	1.551	2.491	11.1	21.0
6 10	14 33.80	−13 25.3	1.627	2.499	14.8	21.3

436635 2011 QQ_9 5 7.4 238.°17 3.°4/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.09	−28 54.2	2.380	3.164	13.0	21.4
4 11	15 18.45	−28 58.6	2.283	3.157	10.5	21.3
4 21	15 11.78	−28 49.7	2.207	3.149	7.6	21.1
5 1	15 3.66	−28 26.6	2.158	3.142	4.8	20.9
5 11	14 54.93	−27 50.5	2.136	3.134	3.4	20.8
5 21	14 46.47	−27 4.4	2.142	3.126	5.3	20.9
5 31	14 39.15	−26 12.9	2.175	3.117	8.2	21.0
6 10	14 33.63	−25 21.4	2.233	3.109	11.2	21.2

302298 2001 YM_{81} 5 7.4 128.°48 2.°9/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.17	−26 7.4	1.646	2.455	16.8	21.3
4 11	15 22.88	−26 2.5	1.574	2.466	13.3	21.1
4 21	15 14.83	−25 41.0	1.521	2.477	9.2	20.9
5 1	15 4.88	−25 2.6	1.493	2.487	5.0	20.7
5 11	14 54.27	−24 10.3	1.491	2.496	3.1	20.6
5 21	14 44.30	−23 9.5	1.517	2.505	6.4	20.8
5 31	14 36.11	−22 7.5	1.567	2.514	10.5	21.0
6 10	14 30.46	−21 11.6	1.641	2.522	14.2	21.3

271645 2004 PW_{101} 5 7.4 269.°80 1.°6/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.58	−23 8.3	2.195	2.999	13.3	21.5
4 11	15 20.65	−22 59.6	2.076	2.969	10.5	21.2
4 21	15 13.41	−22 39.2	1.980	2.938	7.2	21.0
5 1	15 4.41	−22 7.1	1.910	2.907	3.5	20.7
5 11	14 54.48	−21 24.8	1.868	2.875	1.9	20.5
5 21	14 44.62	−20 35.9	1.855	2.842	5.5	20.7
5 31	14 35.85	−19 45.4	1.869	2.809	9.5	20.8
6 10	14 28.98	−18 59.0	1.907	2.774	13.2	21.0

53750 2000 EC_{61} 5 7.4 123.°06 1.°6/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.89	−16 15.1	1.427	2.271	17.1	19.9
4 11	15 21.32	−15 33.8	1.358	2.277	13.0	19.6
4 21	15 13.92	−14 41.8	1.310	2.283	8.3	19.4
5 1	15 4.55	−13 43.2	1.286	2.289	3.3	19.1
5 11	14 54.49	−12 44.1	1.288	2.294	2.9	19.1
5 21	14 45.06	−11 51.1	1.316	2.300	7.8	19.4
5 31	14 37.44	−11 10.4	1.367	2.305	12.5	19.6
6 10	14 32.41	−10 45.8	1.439	2.309	16.5	19.9

151757 2003 EG_6 5 7.4 22.°69 2.°3/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.16	−21 44.8	1.461	2.295	17.3	19.5
4 11	15 20.94	−22 11.4	1.390	2.299	13.5	19.3
4 21	15 13.81	−22 26.6	1.339	2.304	9.2	19.1
5 1	15 4.56	−22 29.6	1.312	2.310	4.5	18.8
5 11	14 54.46	−22 21.7	1.309	2.316	2.7	18.7
5 21	14 44.90	−22 6.5	1.332	2.323	6.8	19.0
5 31	14 37.13	−21 49.0	1.379	2.330	11.3	19.2
6 10	14 32.03	−21 34.9	1.447	2.338	15.2	19.5

424181 2007 JP 5 7.4 7.°22 7.°0/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.26	− 2 42.5	1.734	2.585	14.2	20.8
4 11	15 16.48	− 1 10.4	1.669	2.585	11.2	20.6
4 21	15 10.56	+ 0 20.4	1.627	2.585	8.5	20.4
5 1	15 3.18	+ 1 42.2	1.610	2.586	7.0	20.3
5 11	14 55.28	+ 2 47.4	1.618	2.586	8.1	20.4
5 21	14 47.82	+ 3 31.0	1.652	2.587	10.7	20.5
5 31	14 41.69	+ 3 50.2	1.708	2.588	13.7	20.7
6 10	14 37.52	+ 3 45.6	1.783	2.589	16.5	20.9

457354 2008 SQ_{259} 5 7.4 139.°89 3.°0/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.82	−12 39.8	1.545	2.387	16.1	21.9
4 11	15 21.75	−11 49.4	1.477	2.396	12.2	21.7
4 21	15 14.06	−10 52.3	1.432	2.404	7.9	21.4
5 1	15 4.58	− 9 53.3	1.411	2.411	3.8	21.2
5 11	14 54.50	− 8 58.7	1.417	2.418	4.1	21.2
5 21	14 45.03	− 8 14.4	1.449	2.424	8.2	21.5
5 31	14 37.25	− 7 45.0	1.505	2.430	12.4	21.8
6 10	14 31.89	− 7 32.8	1.583	2.436	16.1	22.0

237345 2010 AM_{37} 5 7.4 158.°56 2.°9/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.66	−25 56.4	2.021	2.823	14.3	20.8
4 11	15 19.88	−26 4.7	1.936	2.825	11.4	20.6
4 21	15 12.80	−26 0.1	1.874	2.826	8.0	20.4
5 1	15 4.10	−25 41.9	1.836	2.828	4.5	20.2
5 11	14 54.76	−25 11.8	1.826	2.829	3.0	20.1
5 21	14 45.79	−24 33.1	1.843	2.830	5.6	20.2
5 31	14 38.18	−23 50.9	1.886	2.831	9.1	20.4
6 10	14 32.64	−23 10.8	1.953	2.832	12.4	20.7

182195 2000 UR_{35} 5 7.4 212.°53 0.°5/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.22	−17 49.1	2.642	3.460	10.9	20.7
4 11	15 15.86	−17 12.5	2.550	3.456	8.3	20.5
4 21	15 9.92	−16 28.3	2.483	3.451	5.3	20.3
5 1	15 2.89	−15 38.8	2.443	3.446	2.1	20.1
5 11	14 55.45	−14 47.1	2.433	3.440	1.5	20.0
5 21	14 48.27	−13 56.8	2.452	3.435	4.8	20.2
5 31	14 42.01	−13 11.7	2.498	3.429	7.9	20.4
6 10	14 37.17	−12 34.7	2.569	3.423	10.6	20.6

190608 2000 VD_{24} 5 7.4 207.°95 0.°4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.99	−20 9.7	2.215	3.030	12.8	20.9
4 11	15 19.09	−19 49.9	2.124	3.025	9.9	20.7
4 21	15 12.17	−19 20.5	2.055	3.020	6.5	20.5
5 1	15 3.83	−18 42.7	2.013	3.014	2.7	20.2
5 11	14 54.91	−17 59.6	2.000	3.008	1.4	20.1
5 21	14 46.30	−17 14.9	2.015	3.002	5.3	20.3
5 31	14 38.85	−16 33.2	2.057	2.995	8.9	20.6
6 10	14 33.20	−15 58.4	2.123	2.987	12.2	20.7

210733 2000 TZ_{23} 5 7.4 272.°51 1.°8/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.60	−14 35.8	2.275	3.107	11.9	20.4
4 11	15 15.63	−13 47.2	2.186	3.100	9.1	20.2
4 21	15 9.89	−12 51.6	2.121	3.092	5.8	19.9
5 1	15 2.91	−11 52.4	2.084	3.085	2.5	19.7
5 11	14 55.44	−10 53.9	2.074	3.077	2.6	19.7
5 21	14 48.27	−10 0.5	2.093	3.070	6.0	19.9
5 31	14 42.11	− 9 16.4	2.138	3.062	9.3	20.1
6 10	14 37.55	− 8 44.5	2.206	3.055	12.3	20.3

433651 2014 AG_{47} 5 7.4 266.°94 2.°7/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.76	−10 48.1	2.043	2.879	13.0	21.0
4 11	15 18.30	−10 18.5	1.951	2.866	9.9	20.8
4 21	15 11.76	− 9 45.3	1.882	2.852	6.5	20.5
5 1	15 3.70	− 9 11.9	1.839	2.838	3.3	20.3
5 11	14 54.98	− 8 42.2	1.823	2.823	3.6	20.3
5 21	14 46.50	− 8 19.8	1.835	2.809	7.0	20.5
5 31	14 39.15	− 8 8.2	1.873	2.794	10.6	20.7
6 10	14 33.63	− 8 9.1	1.933	2.780	13.9	20.8

61429 2000 QF_{17} 5 7.4 198.°26 0.°4/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.15	−17 47.1	2.319	3.136	12.3	20.7
4 11	15 19.08	−17 19.8	2.229	3.133	9.4	20.5
4 21	15 12.09	−16 44.6	2.162	3.129	6.0	20.3
5 1	15 3.79	−16 3.3	2.123	3.125	2.4	20.1
5 11	14 54.96	−15 19.0	2.112	3.120	1.6	20.0
5 21	14 46.43	−14 35.7	2.130	3.114	5.3	20.2
5 31	14 39.00	−13 57.3	2.176	3.108	8.8	20.4
6 10	14 33.28	−13 27.3	2.246	3.101	11.9	20.6

510366 2011 SB_{275} 5 7.4 244.°21 4.°4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.43	−32 33.9	2.456	3.222	13.1	21.7
4 11	15 18.75	−32 39.8	2.354	3.212	10.8	21.5
4 21	15 12.01	−32 30.5	2.274	3.202	8.2	21.3
5 1	15 3.79	−32 4.7	2.219	3.191	5.7	21.1
5 11	14 54.94	−31 23.0	2.191	3.180	4.4	21.0
5 21	14 46.36	−30 28.3	2.191	3.169	5.7	21.1
5 31	14 38.93	−29 25.5	2.218	3.158	8.3	21.2
6 10	14 33.32	−28 20.6	2.270	3.146	11.0	21.4

232798 2004 RT_{191} 5 7.4 244.°34 3.°1/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.37	−27 0.0	2.161	2.954	13.8	21.4
4 11	15 20.45	−27 6.0	2.058	2.940	11.1	21.2
4 21	15 13.24	−26 58.9	1.977	2.926	7.9	21.0
5 1	15 4.33	−26 37.5	1.922	2.911	4.7	20.7
5 11	14 54.62	−26 3.0	1.894	2.896	3.2	20.6
5 21	14 45.15	−25 18.4	1.895	2.881	5.6	20.7
5 31	14 36.90	−24 29.0	1.922	2.865	9.1	20.9
6 10	14 30.66	−23 40.4	1.973	2.848	12.5	21.1

498826 2008 VO_{24} 5 7.4 201.°36 2.°3/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.35	−11 21.4	2.319	3.147	11.9	22.0
4 11	15 18.41	−10 54.9	2.234	3.144	9.1	21.8
4 21	15 11.64	−10 25.2	2.172	3.141	5.9	21.6
5 1	15 3.61	− 9 55.1	2.137	3.137	2.9	21.4
5 11	14 55.07	− 9 27.8	2.132	3.132	3.0	21.4
5 21	14 46.82	− 9 6.4	2.154	3.128	6.1	21.6
5 31	14 39.62	− 8 53.8	2.203	3.123	9.4	21.8
6 10	14 34.06	− 8 51.6	2.276	3.117	12.3	22.0

469051 2015 AR_{263} 5 7.4 86.°99 4.°7/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.09	−28 2.3	1.849	2.642	15.8	20.8
4 11	15 23.54	−28 50.1	1.774	2.652	12.8	20.6
4 21	15 15.31	−29 24.6	1.719	2.662	9.4	20.4
5 1	15 5.15	−29 42.8	1.690	2.672	6.1	20.2
5 11	14 54.19	−29 44.4	1.687	2.681	4.7	20.2
5 21	14 43.69	−29 31.4	1.710	2.691	6.7	20.3
5 31	14 34.81	−29 8.8	1.760	2.701	9.9	20.5
6 10	14 28.36	−28 42.7	1.833	2.710	13.2	20.7

64928 2001 YN_{108} 5 7.4 93.°49 1.°0/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.45	−22 37.2	1.795	2.617	15.1	19.8
4 11	15 18.98	−22 3.7	1.722	2.626	11.7	19.6
4 21	15 12.19	−21 16.2	1.670	2.635	7.7	19.4
5 1	15 3.84	−20 16.7	1.644	2.644	3.4	19.1
5 11	14 54.97	−19 9.7	1.644	2.653	1.6	19.0
5 21	14 46.64	−18 1.1	1.672	2.661	5.8	19.3
5 31	14 39.80	−16 57.4	1.726	2.670	9.9	19.6
6 10	14 35.10	−16 3.8	1.803	2.679	13.4	19.8

309166 2007 BA_{8} 5 7.4 94.°06 3.°4/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 38.16	−25 21.1	2.181	2.954	14.3	21.2
4 11	15 29.69	−26 12.8	2.120	2.990	11.3	21.0
4 21	15 18.84	−26 53.4	2.083	3.026	8.0	20.9
5 1	15 6.42	−27 20.4	2.075	3.061	4.7	20.7
5 11	14 53.53	−27 33.5	2.096	3.095	3.4	20.7
5 21	14 41.31	−27 34.4	2.148	3.127	5.7	20.9
5 31	14 30.74	−27 27.3	2.229	3.159	8.7	21.1
6 10	14 22.49	−27 16.9	2.334	3.190	11.5	21.4

396358 2014 DZ_{84} 5 7.4 233.°71 1.°3/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.46	−14 21.7	2.390	3.217	11.6	21.5
4 11	15 16.98	−13 57.1	2.300	3.211	8.9	21.3
4 21	15 10.73	−13 27.4	2.235	3.204	5.7	21.1
5 1	15 3.25	−12 54.9	2.196	3.197	2.4	20.9
5 11	14 55.27	−12 22.5	2.185	3.190	2.2	20.9
5 21	14 47.55	−11 53.6	2.203	3.183	5.5	21.1
5 31	14 40.82	−11 31.2	2.248	3.176	8.8	21.3
6 10	14 35.66	−11 17.9	2.317	3.168	11.7	21.4

191682 2004 RG_{76} 5 7.4 282.°28 2.°7/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.99	−11 59.5	1.820	2.661	14.1	20.6
4 11	15 18.82	−11 24.6	1.723	2.640	10.9	20.4
4 21	15 12.29	−10 44.1	1.647	2.619	7.1	20.1
5 1	15 3.98	−10 1.3	1.598	2.598	3.5	19.8
5 11	14 54.82	− 9 21.2	1.575	2.576	3.7	19.8
5 21	14 45.86	− 8 48.4	1.578	2.554	7.6	20.0
5 31	14 38.14	− 8 27.3	1.607	2.533	11.7	20.2
6 10	14 32.47	− 8 20.7	1.657	2.511	15.5	20.3

58471 1996 RS_{3} 5 7.4 213.°25 1.°0/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.88	−20 48.9	1.951	2.769	14.2	19.8
4 11	15 20.07	−20 44.3	1.864	2.766	11.0	19.5
4 21	15 12.96	−20 29.6	1.798	2.763	7.3	19.3
5 1	15 4.20	−20 5.5	1.759	2.759	3.2	19.1
5 11	14 54.74	−19 34.3	1.747	2.755	1.6	18.9
5 21	14 45.64	−18 59.8	1.763	2.751	5.7	19.2
5 31	14 37.86	−18 26.7	1.804	2.746	9.7	19.4
6 10	14 32.14	−17 59.5	1.869	2.742	13.2	19.6

497666 2006 RW_{89} 5 7.4 230.°60 0.°8/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.83	−20 36.1	1.847	2.667	14.8	22.4
4 11	15 20.98	−20 25.4	1.755	2.659	11.5	22.2
4 21	15 13.66	−20 3.7	1.685	2.650	7.6	21.9
5 1	15 4.51	−19 31.7	1.640	2.641	3.3	21.6
5 11	14 54.56	−18 52.2	1.622	2.631	1.7	21.5
5 21	14 44.93	−18 9.7	1.632	2.620	6.1	21.7
5 31	14 36.70	−17 29.5	1.668	2.610	10.3	22.0
6 10	14 30.66	−16 56.6	1.727	2.599	14.1	22.2

159425 1999 TY_{151} 5 7.4 278.°64 4.°6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.01	− 8 28.8	1.933	2.777	13.3	19.9
4 11	15 17.10	− 7 14.7	1.839	2.756	10.3	19.7
4 21	15 11.06	− 5 55.2	1.768	2.736	7.0	19.4
5 1	15 3.46	− 4 36.1	1.723	2.714	4.7	19.3
5 11	14 55.16	− 3 24.0	1.705	2.693	5.6	19.3
5 21	14 47.08	− 2 24.9	1.714	2.672	8.8	19.4
5 31	14 40.15	− 1 43.5	1.747	2.650	12.3	19.6
6 10	14 35.07	− 1 22.1	1.802	2.628	15.6	19.7

443843 2001 FO_{185} 5 7.4 34.°71 0.°1/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 0.78	−13 11.7	41.499	42.319	0.8	23.7
4 11	15 0.14	−13 8.1	41.413	42.321	0.6	23.6
4 21	14 59.44	−13 4.2	41.354	42.323	0.4	23.6
5 1	14 58.68	−13 0.4	41.324	42.325	0.2	23.6
5 11	14 57.91	−12 56.6	41.323	42.327	0.1	23.6
5 21	14 57.14	−12 53.0	41.351	42.329	0.4	23.6
5 31	14 56.42	−12 49.8	41.407	42.331	0.6	23.6
6 10	14 55.76	−12 46.9	41.490	42.334	0.8	23.7

15670 1975 SO_{1} 5 7.4 100.°85 1.°2/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.50	−15 11.4	2.192	3.021	12.4	18.6
4 11	15 17.09	−14 45.1	2.114	3.025	9.4	18.5
4 21	15 10.82	−14 12.9	2.059	3.029	6.0	18.2
5 1	15 3.29	−13 37.2	2.031	3.033	2.4	18.0
5 11	14 55.30	−13 1.5	2.031	3.037	2.1	18.0
5 21	14 47.67	−12 29.2	2.059	3.041	5.6	18.2
5 31	14 41.17	−12 4.0	2.114	3.045	9.1	18.5
6 10	14 36.36	−11 48.3	2.192	3.049	12.1	18.7

253455 2003 SK_{3} 5 7.4 262.°70 2.°0/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.01	−22 58.7	1.754	2.569	15.6	21.3
4 11	15 22.28	−22 59.1	1.649	2.548	12.4	21.1
4 21	15 14.76	−22 46.6	1.565	2.526	8.5	20.8
5 1	15 5.05	−22 20.5	1.505	2.503	4.2	20.5
5 11	14 54.23	−21 42.5	1.473	2.480	2.3	20.3
5 21	14 43.56	−20 56.7	1.467	2.456	6.5	20.5
5 31	14 34.31	−20 9.3	1.487	2.432	11.1	20.7
6 10	14 27.47	−19 26.7	1.529	2.407	15.3	20.9

282746 2006 FO_{27} 5 7.4 220.°48 1.°9/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.50	−14 25.7	1.954	2.791	13.4	21.3
4 11	15 17.32	−13 41.0	1.875	2.790	10.2	21.0
4 21	15 11.08	−12 49.1	1.818	2.790	6.5	20.8
5 1	15 3.42	−11 53.7	1.788	2.789	2.9	20.6
5 11	14 55.23	−10 59.5	1.785	2.789	2.9	20.6
5 21	14 47.42	−10 11.5	1.809	2.788	6.6	20.8
5 31	14 40.86	− 9 33.9	1.859	2.787	10.3	21.0
6 10	14 36.16	− 9 9.6	1.932	2.787	13.6	21.2

437165 2012 VO_{47} 5 7.4 213.°90 1.°1/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.15	−15 28.0	2.230	3.057	12.3	22.2
4 11	15 17.62	−15 0.7	2.143	3.054	9.4	22.0
4 21	15 11.20	−14 27.1	2.080	3.050	6.0	21.8
5 1	15 3.46	−13 49.4	2.044	3.046	2.4	21.5
5 11	14 55.21	−13 11.0	2.036	3.042	2.1	21.5
5 21	14 47.26	−12 35.8	2.057	3.038	5.7	21.7
5 31	14 40.40	−12 7.3	2.103	3.034	9.2	21.9
6 10	14 35.24	−11 48.3	2.174	3.029	12.2	22.1

34213 2000 QF_{69} 5 7.4 264.°21 0.°5/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.40	−18 28.1	2.308	3.131	12.1	19.7
4 11	15 16.30	−17 47.0	2.212	3.119	9.3	19.5
4 21	15 10.37	−16 56.4	2.139	3.107	6.0	19.3
5 1	15 3.14	−15 58.7	2.093	3.095	2.3	19.0
5 11	14 55.38	−14 57.6	2.075	3.083	1.6	18.9
5 21	14 47.88	−13 57.8	2.086	3.070	5.4	19.2
5 31	14 41.41	−13 3.8	2.124	3.058	8.9	19.4
6 10	14 36.56	−12 19.6	2.186	3.045	12.0	19.5

54525 2000 QZ_3 5 7.4 337.°48 5.°3/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.01	−29 1.7	1.694	2.502	16.4	18.2
4 11	15 18.60	−29 44.8	1.603	2.489	13.5	18.0
4 21	15 12.43	−30 13.3	1.531	2.476	10.1	17.7
5 1	15 4.12	−30 24.3	1.482	2.464	6.8	17.5
5 11	14 54.79	−30 16.9	1.458	2.453	5.3	17.4
5 21	14 45.69	−29 53.5	1.460	2.443	7.3	17.5
5 31	14 38.10	−29 19.1	1.485	2.434	10.8	17.7
6 10	14 32.98	−28 41.0	1.532	2.425	14.4	17.9

402971 2007 UG_{56} 5 7.4 163.°30 0.°8/ 6.8 16

4 1	15 26.20	−17 36.9	1.834	2.660	14.6	22.2
4 11	15 21.02	−16 58.1	1.756	2.665	11.2	21.9
4 21	15 13.51	−16 9.4	1.701	2.670	7.2	21.7
5 1	15 4.40	−15 13.5	1.672	2.674	2.8	21.4
5 11	14 54.71	−14 15.1	1.671	2.678	2.1	21.4
5 21	14 45.52	−13 19.7	1.697	2.680	6.4	21.7
5 31	14 37.78	−12 32.7	1.750	2.683	10.5	21.9
6 10	14 32.18	−11 57.9	1.825	2.684	14.0	22.1

8242 Joshemery 5 7.4 330.°99 2.°2/ 8.7 18

4 1	15 24.58	−22 33.4	2.050	2.861	13.8	17.6
4 11	15 19.84	−22 59.1	1.962	2.858	10.9	17.4
4 21	15 12.83	−23 15.8	1.896	2.855	7.4	17.2
5 1	15 4.18	−23 22.7	1.856	2.852	3.9	17.0
5 11	14 54.80	−23 20.7	1.844	2.849	2.4	16.9
5 21	14 45.71	−23 11.7	1.859	2.846	5.5	17.1
5 31	14 37.87	−22 59.5	1.900	2.844	9.1	17.3
6 10	14 32.03	−22 48.1	1.965	2.842	12.4	17.5

125043 2001 TE_{206} 5 7.4 46.°98 2.°0/ 8.4 18

4 1	15 26.53	−21 53.5	1.114	1.964	20.5	19.4
4 11	15 22.46	−22 1.6	1.062	1.981	15.9	19.2
4 21	15 14.93	−21 53.7	1.029	1.999	10.6	18.9
5 1	15 5.03	−21 30.4	1.017	2.017	4.9	18.7
5 11	14 54.40	−20 55.6	1.028	2.036	2.6	18.6
5 21	14 44.73	−20 15.8	1.063	2.056	7.7	18.9
5 31	14 37.43	−19 38.7	1.120	2.076	12.8	19.3
6 10	14 33.29	−19 10.8	1.197	2.096	17.1	19.6

92428 2000 JM_{60} 5 7.4 324.°44 2.°2/ 8.2 17

4 1	15 26.50	−19 59.5	1.231	2.078	19.1	19.5
4 11	15 22.74	−20 37.0	1.152	2.069	15.0	19.2
4 21	15 15.48	−21 5.3	1.090	2.060	10.2	18.9
5 1	15 5.44	−21 22.6	1.051	2.051	4.8	18.6
5 11	14 54.05	−21 29.2	1.036	2.043	2.8	18.4
5 21	14 43.00	−21 27.9	1.044	2.036	7.9	18.7
5 31	14 33.97	−21 23.7	1.075	2.029	13.3	19.0
6 10	14 28.13	−21 22.8	1.125	2.023	18.1	19.2

376760 1999 VZ_{164} 5 7.4 115.°34 0.°2/ 7.6 17

4 1	15 24.99	−18 57.1	2.265	3.079	12.6	21.6
4 11	15 19.61	−18 43.7	2.194	3.096	9.6	21.4
4 21	15 12.37	−18 22.5	2.147	3.113	6.2	21.2
5 1	15 3.89	−17 55.0	2.127	3.129	2.5	21.0
5 11	14 55.03	−17 23.8	2.136	3.144	1.3	20.9
5 21	14 46.61	−16 52.2	2.174	3.160	5.0	21.2
5 31	14 39.41	−16 23.9	2.239	3.174	8.4	21.4
6 10	14 33.97	−16 2.1	2.328	3.189	11.3	21.7

209984 2006 HY_{64} 5 7.4 196.°09 1.°8/ 6.4 17

4 1	15 26.49	−13 56.9	1.563	2.404	16.0	20.4
4 11	15 21.69	−13 37.1	1.486	2.403	12.3	20.2
4 21	15 14.19	−13 10.9	1.430	2.402	7.9	19.9
5 1	15 4.75	−12 41.2	1.399	2.401	3.3	19.7
5 11	14 54.52	−12 12.4	1.394	2.400	3.0	19.6
5 21	14 44.76	−11 49.0	1.415	2.398	7.5	19.9
5 31	14 36.62	−11 35.2	1.461	2.396	12.0	20.1
6 10	14 30.92	−11 34.0	1.528	2.394	15.9	20.4

134169 Davidcarte 5 7.4 20.°49 6.°3/ 4.1 18

4 1	15 22.91	− 5 44.9	1.290	2.154	17.4	19.2
4 11	15 19.20	− 4 48.0	1.230	2.157	13.5	19.0
4 21	15 12.65	− 3 51.5	1.190	2.160	9.4	18.8
5 1	15 4.12	− 3 3.0	1.173	2.164	6.6	18.6
5 11	14 54.90	− 2 29.8	1.180	2.169	7.4	18.7
5 21	14 46.29	− 2 16.9	1.210	2.174	10.9	18.9
5 31	14 39.50	− 2 26.4	1.261	2.179	14.9	19.1
6 10	14 35.28	− 2 57.6	1.332	2.185	18.5	19.4

504617 2008 UA_{313} 5 7.4 128.°38 2.°2/ 5.8 17

4 1	15 22.19	−13 2.9	1.977	2.813	13.3	21.8
4 11	15 17.80	−12 23.7	1.901	2.816	10.1	21.6
4 21	15 11.37	−11 39.0	1.847	2.819	6.5	21.4
5 1	15 3.55	−10 52.4	1.820	2.821	3.0	21.2
5 11	14 55.22	−10 8.2	1.821	2.823	3.1	21.2
5 21	14 47.29	− 9 30.9	1.849	2.826	6.7	21.4
5 31	14 40.60	− 9 4.1	1.903	2.828	10.2	21.6
6 10	14 35.76	− 8 50.2	1.979	2.830	13.4	21.8

160932 2001 YO 5 7.4 241.°96 3.°2/ 9.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.84	−26 59.7	1.691	2.497	16.5	20.4
4 11	15 22.18	−26 52.4	1.594	2.485	13.2	20.2
4 21	15 14.67	−26 27.3	1.518	2.472	9.4	19.9
5 1	15 5.00	−25 43.4	1.467	2.459	5.3	19.6
5 11	14 54.36	−24 42.8	1.441	2.445	3.3	19.5
5 21	14 44.05	−23 30.8	1.442	2.431	6.6	19.6
5 31	14 35.35	−22 15.4	1.468	2.416	11.0	19.8
6 10	14 29.19	−21 4.9	1.517	2.400	15.1	20.0

67468 2000 QY_{229} 5 7.4 140.°58 4.°0/ 3.8 18

4 1	15 20.31	− 5 53.8	2.451	3.285	11.1	20.1
4 11	15 15.92	− 5 2.9	2.379	3.290	8.6	20.0
4 21	15 9.96	− 4 12.0	2.332	3.295	6.0	19.8
5 1	15 2.94	− 3 25.1	2.312	3.299	4.2	19.7
5 11	14 55.57	− 2 46.4	2.319	3.303	4.7	19.7
5 21	14 48.52	− 2 18.8	2.355	3.307	7.0	19.9
5 31	14 42.43	− 2 4.5	2.417	3.311	9.7	20.0
6 10	14 37.81	− 2 4.1	2.501	3.315	12.1	20.2

10832 Hazamashigetomi 5 7.4 241.°90 1.°8/ 6.3 17

4 1	15 25.67	−14 52.8	1.742	2.576	14.9	19.2
4 11	15 20.95	−14 18.8	1.650	2.564	11.5	18.9
4 21	15 13.71	−13 36.5	1.580	2.551	7.4	18.7
5 1	15 4.58	−12 48.8	1.535	2.537	3.1	18.4
5 11	14 54.61	−12 0.5	1.518	2.523	2.9	18.3
5 21	14 44.94	−11 16.8	1.527	2.508	7.3	18.5
5 31	14 36.66	−10 43.0	1.562	2.493	11.7	18.8
6 10	14 30.62	−10 22.8	1.618	2.477	15.5	19.0

416060 2002 HW_{12} 5 7.4 335.°14 10.°3/ 4.8 17

4 1	15 33.60	+ 9 31.3	1.533	2.349	17.5	19.2
4 11	15 27.20	+ 9 27.3	1.454	2.337	14.8	19.0
4 21	15 17.81	+ 9 3.6	1.396	2.325	12.2	18.8
5 1	15 6.23	+ 8 13.5	1.361	2.315	10.5	18.7
5 11	14 53.70	+ 6 53.6	1.351	2.305	10.7	18.6
5 21	14 41.64	+ 5 5.0	1.366	2.296	13.0	18.7
5 31	14 31.34	+ 2 52.7	1.406	2.288	16.0	18.9
6 10	14 23.72	+ 0 23.9	1.468	2.281	19.1	19.1

367140 2006 TN_{81} 5 7.4 201.°45 0.°8/ 7.9 17

4 1	15 25.16	−21 36.0	1.929	2.746	14.4	21.9
4 11	15 20.30	−21 10.4	1.841	2.743	11.2	21.7
4 21	15 13.11	−20 32.3	1.776	2.740	7.4	21.5
5 1	15 4.29	−19 43.2	1.736	2.736	3.2	21.2
5 11	14 54.81	−18 46.6	1.723	2.731	1.6	21.1
5 21	14 45.71	−17 47.5	1.739	2.727	5.8	21.3
5 31	14 37.99	−16 51.8	1.781	2.721	9.9	21.6
6 10	14 32.36	−16 4.7	1.846	2.716	13.4	21.8

250908 2005 WK_2 5 7.4 213.°05 8.°5/16.9 18

4 1	15 30.01	−51 11.7	3.221	3.842	12.8	21.4
4 11	15 23.90	−51 53.2	3.119	3.834	11.6	21.3
4 21	15 15.42	−52 16.7	3.035	3.827	10.4	21.2
5 1	15 5.22	−52 18.4	2.972	3.818	9.3	21.1
5 11	14 54.27	−51 56.6	2.932	3.810	8.6	21.0
5 21	14 43.64	−51 12.0	2.917	3.801	8.5	21.0
5 31	14 34.36	−50 8.0	2.928	3.791	9.1	21.0
6 10	14 27.17	−48 50.4	2.962	3.781	10.3	21.1

186575 2003 AA_{46} 5 7.4 224.°96 0.°8/ 7.9 18

4 1	15 26.35	−20 27.0	2.077	2.890	13.6	20.6
4 11	15 21.15	−20 21.4	1.980	2.880	10.6	20.4
4 21	15 13.67	−20 6.2	1.906	2.869	7.0	20.1
5 1	15 4.53	−19 42.0	1.858	2.858	3.1	19.8
5 11	14 54.65	−19 11.1	1.839	2.847	1.5	19.7
5 21	14 45.02	−18 36.8	1.847	2.834	5.6	19.9
5 31	14 36.63	−18 3.7	1.883	2.822	9.5	20.2
6 10	14 30.23	−17 36.2	1.942	2.808	13.0	20.3

303692 2005 NH_{77} 5 7.4 227.°29 4.°3/ 3.4 18

4 1	15 19.78	− 5 38.6	2.486	3.320	11.0	21.3
4 11	15 15.58	− 4 38.1	2.404	3.314	8.5	21.1
4 21	15 9.78	− 3 36.8	2.346	3.308	6.0	20.9
5 1	15 2.90	− 2 39.3	2.316	3.301	4.3	20.8
5 11	14 55.59	− 1 49.9	2.314	3.295	5.0	20.8
5 21	14 48.55	− 1 12.2	2.340	3.288	7.3	21.0
5 31	14 42.43	− 0 48.8	2.391	3.280	10.0	21.1
6 10	14 37.73	− 0 40.6	2.465	3.273	12.4	21.3

435859 2008 XZ_{29} 5 7.4 202.°44 5.°3/ 2.8 18

4 1	15 22.84	− 1 15.3	2.512	3.338	11.2	22.0
4 11	15 17.85	− 0 22.5	2.432	3.333	8.8	21.8
4 21	15 11.22	+ 0 27.6	2.377	3.328	6.6	21.7
5 1	15 3.47	+ 1 10.7	2.349	3.322	5.3	21.6
5 11	14 55.28	+ 1 42.5	2.349	3.316	6.0	21.6
5 21	14 47.37	+ 2 0.3	2.377	3.309	8.0	21.7
5 31	14 40.41	+ 2 2.4	2.430	3.302	10.5	21.9
6 10	14 34.93	+ 1 48.9	2.505	3.294	12.8	22.0

375801 2009 TC_{14} 5 7.4 191.°88 2.°5/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.28	−24 59.3	2.439	3.225	12.6	21.9
4 11	15 22.32	−25 17.5	2.344	3.224	10.0	21.7
4 21	15 14.28	−25 25.8	2.272	3.221	7.0	21.5
5 1	15 4.74	−25 23.3	2.227	3.218	3.9	21.3
5 11	14 54.55	−25 10.5	2.212	3.214	2.6	21.2
5 21	14 44.62	−24 49.7	2.225	3.209	5.0	21.4
5 31	14 35.83	−24 24.5	2.267	3.204	8.2	21.6
6 10	14 28.87	−23 59.2	2.333	3.198	11.2	21.8

42490 1991 SU 5 7.4 190.°64 4.°4/ 4.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.89	− 6 49.7	1.915	2.750	13.7	18.6
4 11	15 20.67	− 6 7.4	1.837	2.749	10.6	18.4
4 21	15 13.26	− 5 24.4	1.782	2.748	7.3	18.2
5 1	15 4.33	− 4 45.4	1.754	2.746	4.7	18.0
5 11	14 54.81	− 4 15.0	1.753	2.743	5.2	18.0
5 21	14 45.67	− 3 57.1	1.779	2.740	8.3	18.2
5 31	14 37.85	− 3 54.2	1.830	2.737	11.7	18.4
6 10	14 32.01	− 4 6.9	1.904	2.732	14.8	18.6

290124 2005 QC_{142} 5 7.4 122.°28 7.°9/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.54	− 1 32.8	1.719	2.555	15.0	21.1
4 11	15 21.78	+ 0 31.3	1.671	2.577	11.9	21.0
4 21	15 13.81	+ 2 31.9	1.648	2.598	9.1	20.9
5 1	15 4.46	+ 4 19.8	1.651	2.618	7.9	20.8
5 11	14 54.79	+ 5 46.3	1.682	2.636	9.0	20.9
5 21	14 45.81	+ 6 46.5	1.738	2.654	11.5	21.1
5 31	14 38.40	+ 7 18.5	1.817	2.671	14.2	21.3
6 10	14 33.13	+ 7 24.1	1.916	2.687	16.7	21.6

131557 2001 VS_{34} 5 7.4 107.°51 0.°5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.38	−18 30.1	1.550	2.383	16.5	20.4
4 11	15 22.18	−17 54.6	1.487	2.399	12.6	20.2
4 21	15 14.34	−17 7.7	1.445	2.415	8.1	20.0
5 1	15 4.75	−16 12.4	1.428	2.430	3.1	19.7
5 11	14 54.62	−15 14.1	1.437	2.445	2.1	19.7
5 21	14 45.20	−14 18.9	1.473	2.459	6.9	20.0
5 31	14 37.56	−13 32.8	1.534	2.473	11.3	20.3
6 10	14 32.37	−13 0.0	1.617	2.486	15.0	20.6

153688 2001 UB_8 5 7.4 138.°89 0.°5/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.26	−19 48.7	2.096	2.910	13.5	21.8
4 11	15 20.81	−19 38.5	2.020	2.920	10.4	21.6
4 21	15 13.27	−19 19.2	1.966	2.931	6.8	21.4
5 1	15 4.31	−18 52.1	1.940	2.940	2.8	21.2
5 11	14 54.85	−18 19.9	1.941	2.950	1.4	21.1
5 21	14 45.83	−17 46.2	1.971	2.958	5.3	21.4
5 31	14 38.13	−17 15.1	2.029	2.966	9.0	21.6
6 10	14 32.36	−16 50.4	2.110	2.974	12.2	21.8

456805 2007 TZ_{291} 5 7.4 207.°39 0.°0/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.94	−18 15.7	4.226	5.031	7.4	23.7
4 11	15 12.85	−17 58.0	4.127	5.025	5.6	23.5
4 21	15 7.79	−17 35.9	4.054	5.018	3.6	23.4
5 1	15 2.07	−17 10.5	4.010	5.011	1.4	23.2
5 11	14 56.09	−16 43.2	3.996	5.004	0.8	23.1
5 21	14 50.26	−16 15.8	4.012	4.996	3.0	23.3
5 31	14 44.95	−15 50.1	4.057	4.988	5.1	23.5
6 10	14 40.51	−15 28.0	4.129	4.980	7.0	23.6

204983 1995 GV_4 5 7.4 99.°76 3.°8/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.78	−10 34.6	1.548	2.392	16.0	21.1
4 11	15 21.57	− 9 40.9	1.491	2.410	12.1	20.9
4 21	15 13.87	− 8 43.4	1.457	2.427	7.9	20.7
5 1	15 4.54	− 7 47.3	1.447	2.445	4.3	20.5
5 11	14 54.75	− 6 58.9	1.464	2.461	4.8	20.6
5 21	14 45.67	− 6 23.3	1.507	2.478	8.5	20.8
5 31	14 38.29	− 6 4.0	1.574	2.494	12.4	21.1
6 10	14 33.26	− 6 2.0	1.662	2.509	15.7	21.4

306909 2001 TC_{198} 5 7.4 241.°00 1.°6/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.80	−22 51.8	1.914	2.729	14.6	21.3
4 11	15 20.17	−22 41.8	1.820	2.719	11.4	21.1
4 21	15 13.14	−22 19.2	1.748	2.709	7.7	20.8
5 1	15 4.35	−21 44.5	1.701	2.699	3.7	20.6
5 11	14 54.79	−21 0.1	1.681	2.689	1.9	20.4
5 21	14 45.53	−20 10.4	1.689	2.678	5.8	20.6
5 31	14 37.63	−19 21.1	1.723	2.667	9.9	20.9
6 10	14 31.85	−18 37.8	1.780	2.655	13.6	21.1

173979 2001 XK_{135} 5 7.4 91.°96 3.°6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.78	− 6 28.6	2.290	3.123	11.9	20.1
4 11	15 17.88	− 6 4.8	2.222	3.133	9.1	19.9
4 21	15 11.26	− 5 41.8	2.178	3.142	6.2	19.8
5 1	15 3.49	− 5 22.9	2.160	3.152	3.9	19.6
5 11	14 55.34	− 5 11.1	2.171	3.162	4.2	19.7
5 21	14 47.56	− 5 8.7	2.209	3.172	6.8	19.8
5 31	14 40.87	− 5 17.2	2.273	3.181	9.6	20.0
6 10	14 35.79	− 5 36.9	2.361	3.191	12.2	20.2

175904 1999 YX_7 5 7.4 225.°18 0.°0/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.01	−18 53.6	1.952	2.773	14.1	21.9
4 11	15 20.99	−18 33.7	1.858	2.763	10.9	21.6
4 21	15 13.62	−18 3.8	1.786	2.753	7.1	21.4
5 1	15 4.54	−17 25.5	1.740	2.742	2.9	21.1
5 11	14 54.71	−16 42.1	1.722	2.731	1.6	21.0
5 21	14 45.18	−15 57.9	1.732	2.719	6.0	21.2
5 31	14 36.95	−15 17.9	1.769	2.706	10.2	21.5
6 10	14 30.78	−14 46.7	1.829	2.693	13.8	21.7

427943 2005 WA_{88} 5 7.4 145.°25 2.°3/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.33	−11 10.9	2.362	3.185	11.9	22.8
4 11	15 19.77	−10 42.3	2.289	3.197	9.0	22.6
4 21	15 12.44	−10 11.0	2.241	3.208	5.8	22.4
5 1	15 3.96	− 9 39.6	2.220	3.219	2.9	22.3
5 11	14 55.08	− 9 11.5	2.229	3.229	3.0	22.3
5 21	14 46.61	− 8 49.5	2.266	3.238	6.0	22.5
5 31	14 39.25	− 8 36.2	2.330	3.247	9.1	22.7
6 10	14 33.53	− 8 33.2	2.419	3.255	11.8	22.9

308105 2004 VC_{104} 5 7.4 67.°40 0.°3/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.06	−17 59.3	1.348	2.189	18.0	21.2
4 11	15 23.18	−18 5.7	1.286	2.202	13.9	21.0
4 21	15 15.25	−18 2.4	1.244	2.215	9.0	20.7
5 1	15 5.19	−17 50.7	1.225	2.227	3.6	20.4
5 11	14 54.40	−17 33.4	1.232	2.240	1.9	20.3
5 21	14 44.32	−17 15.1	1.264	2.253	7.2	20.7
5 31	14 36.24	−17 0.8	1.319	2.266	12.0	21.0
6 10	14 30.97	−16 54.8	1.396	2.279	16.1	21.3

201745 2003 UE_{268} 5 7.4 300.°81 0.°5/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.87	−18 51.7	1.926	2.752	14.1	20.2
4 11	15 19.34	−18 53.0	1.841	2.748	10.9	20.0
4 21	15 12.54	−18 46.1	1.778	2.745	7.1	19.8
5 1	15 4.10	−18 31.9	1.741	2.742	3.0	19.5
5 11	14 54.98	−18 12.7	1.730	2.739	1.5	19.4
5 21	14 46.19	−17 51.7	1.747	2.736	5.7	19.7
5 31	14 38.71	−17 32.9	1.790	2.733	9.7	19.9
6 10	14 33.24	−17 20.0	1.856	2.730	13.2	20.1

467386 2004 TY_{343} 5 7.4 251.°43 1.°0/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.29	−17 24.1	2.274	3.094	12.4	21.7
4 11	15 18.61	−16 34.4	2.167	3.074	9.5	21.4
4 21	15 11.96	−15 34.6	2.085	3.053	6.1	21.2
5 1	15 3.86	−14 27.3	2.029	3.031	2.4	20.9
5 11	14 55.11	−13 16.7	2.003	3.009	2.1	20.8
5 21	14 46.57	−12 8.0	2.005	2.986	5.9	21.1
5 31	14 39.06	−11 6.5	2.035	2.962	9.6	21.2
6 10	14 33.26	−10 16.4	2.089	2.938	12.9	21.4

16446 1989 MH 5 7.4 344.°93 5.°7/ 4.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.32	− 3 48.9	1.543	2.399	15.4	16.1
4 11	15 17.78	− 3 30.0	1.466	2.387	12.1	15.8
4 21	15 11.72	− 3 15.3	1.409	2.376	8.6	15.6
5 1	15 3.83	− 3 9.7	1.376	2.366	5.9	15.4
5 11	14 55.13	− 3 17.7	1.368	2.357	6.4	15.4
5 21	14 46.79	− 3 41.9	1.384	2.350	9.6	15.6
5 31	14 39.88	− 4 23.3	1.423	2.343	13.4	15.8
6 10	14 35.22	− 5 20.7	1.483	2.338	16.9	16.0

302130 2001 QL_{194} 5 7.4 282.°34 2.°3/ 8.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.83	−24 51.7	1.446	2.273	17.8	20.8
4 11	15 21.22	−24 34.3	1.343	2.248	14.2	20.5
4 21	15 14.42	−23 57.2	1.260	2.223	9.9	20.2
5 1	15 5.06	−22 59.7	1.200	2.198	5.0	19.8
5 11	14 54.38	−21 44.8	1.165	2.172	2.7	19.6
5 21	14 43.88	−20 19.1	1.154	2.146	7.4	19.8
5 31	14 35.06	−18 52.5	1.168	2.119	12.8	20.0
6 10	14 29.08	−17 35.0	1.203	2.093	17.7	20.2

452788 2006 FX_{39} 5 7.4 62.°36 1.°6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.67	−19 44.9	1.280	2.120	18.9	21.1
4 11	15 24.58	−20 10.2	1.222	2.136	14.7	20.9
4 21	15 16.23	−20 24.8	1.184	2.152	9.7	20.7
5 1	15 5.60	−20 28.0	1.168	2.168	4.3	20.4
5 11	14 54.21	−20 21.8	1.177	2.185	2.3	20.3
5 21	14 43.62	−20 10.1	1.211	2.202	7.3	20.7
5 31	14 35.20	−19 58.3	1.268	2.218	12.1	21.0
6 10	14 29.78	−19 51.8	1.347	2.235	16.3	21.3

220298 2003 DB_{18} 5 7.4 52.°70 0.°3/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.20	−16 57.1	1.530	2.370	16.3	20.3
4 11	15 20.65	−16 52.2	1.465	2.381	12.5	20.1
4 21	15 13.47	−16 39.0	1.421	2.393	8.0	19.8
5 1	15 4.46	−16 19.5	1.402	2.404	3.2	19.6
5 11	14 54.83	−15 57.1	1.408	2.416	1.9	19.5
5 21	14 45.80	−15 35.9	1.441	2.429	6.7	19.8
5 31	14 38.46	−15 20.4	1.497	2.441	11.1	20.1
6 10	14 33.56	−15 14.1	1.576	2.454	14.9	20.4

186064 2001 SS_{166} 5 7.4 133.°56 4.°1/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.20	−30 41.3	2.614	3.379	12.4	21.1
4 11	15 20.63	−31 7.8	2.531	3.390	10.1	20.9
4 21	15 13.13	−31 22.0	2.470	3.400	7.6	20.8
5 1	15 4.28	−31 22.4	2.436	3.409	5.2	20.6
5 11	14 54.92	−31 9.3	2.430	3.419	4.1	20.6
5 21	14 45.89	−30 44.9	2.452	3.428	5.3	20.7
5 31	14 38.00	−30 12.7	2.501	3.436	7.7	20.8
6 10	14 31.86	−29 37.5	2.576	3.445	10.1	21.0

84046 2002 PF_{59} 5 7.4 221.°93 2.°6/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.92	−12 25.0	1.841	2.677	14.2	19.9
4 11	15 20.15	−11 47.1	1.756	2.671	10.8	19.6
4 21	15 13.07	−11 3.5	1.693	2.664	7.0	19.4
5 1	15 4.33	−10 17.9	1.657	2.657	3.4	19.1
5 11	14 54.90	− 9 35.0	1.647	2.649	3.5	19.1
5 21	14 45.81	− 8 59.4	1.665	2.641	7.3	19.3
5 31	14 38.06	− 8 35.4	1.708	2.632	11.3	19.6
6 10	14 32.37	− 8 25.5	1.773	2.624	14.8	19.8

302016 2000 SE_{42} 5 7.4 240.°31 0.°6/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.45	−15 44.6	2.827	3.641	10.4	21.8
4 11	15 17.57	−15 31.4	2.723	3.626	7.9	21.6
4 21	15 11.10	−15 13.3	2.643	3.610	5.1	21.4
5 1	15 3.49	−14 51.7	2.591	3.593	2.0	21.2
5 11	14 55.37	−14 28.8	2.569	3.576	1.5	21.1
5 21	14 47.40	−14 6.8	2.576	3.558	4.6	21.3
5 31	14 40.25	−13 48.6	2.612	3.540	7.7	21.5
6 10	14 34.45	−13 36.5	2.672	3.522	10.4	21.6

17135 1999 JD_{82} 5 7.4 298.°71 5.°4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.64	− 2 20.5	2.127	2.964	12.5	17.6
4 11	15 17.25	− 1 38.1	2.051	2.960	9.8	17.5
4 21	15 10.99	− 0 58.7	1.999	2.956	7.2	17.3
5 1	15 3.45	− 0 27.0	1.972	2.953	5.5	17.2
5 11	14 55.41	− 0 7.1	1.973	2.949	6.1	17.2
5 21	14 47.70	− 0 2.0	2.000	2.945	8.5	17.3
5 31	14 41.08	− 0 13.0	2.051	2.942	11.3	17.5
6 10	14 36.14	− 0 39.9	2.124	2.938	13.9	17.7

409227 2003 YT_{93} 5 7.4 164.°31 1.°3/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.11	−14 51.4	2.147	2.967	13.0	22.8
4 11	15 21.39	−14 25.6	2.068	2.974	9.9	22.6
4 21	15 13.63	−13 53.9	2.012	2.980	6.3	22.4
5 1	15 4.49	−13 18.6	1.984	2.986	2.6	22.1
5 11	14 54.85	−12 43.2	1.985	2.990	2.2	22.1
5 21	14 45.61	−12 11.2	2.014	2.994	5.9	22.4
5 31	14 37.63	−11 46.4	2.070	2.996	9.5	22.6
6 10	14 31.52	−11 31.3	2.150	2.998	12.6	22.8

88999 2001 TH_{77} 5 7.4 226.°03 0.°7/ 7.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.25	−18 1.5	1.643	2.475	15.8	20.2
4 11	15 21.56	−17 28.7	1.555	2.467	12.2	20.0
4 21	15 14.18	−16 44.4	1.489	2.459	7.9	19.7
5 1	15 4.83	−15 50.9	1.448	2.450	3.1	19.4
5 11	14 54.64	−14 53.0	1.433	2.441	2.1	19.3
5 21	14 44.84	−13 56.7	1.445	2.431	7.1	19.5
5 31	14 36.58	−13 8.4	1.483	2.421	11.7	19.8
6 10	14 30.71	−12 33.1	1.542	2.410	15.7	20.0

368813 2006 AM_{20} 5 7.4 216.°46 0.°3/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.03	−19 5.7	2.502	3.308	11.8	22.1
4 11	15 20.52	−18 57.3	2.401	3.298	9.1	21.9
4 21	15 13.11	−18 41.4	2.324	3.287	6.0	21.7
5 1	15 4.33	−18 18.9	2.275	3.276	2.5	21.4
5 11	14 54.94	−17 51.8	2.255	3.263	1.3	21.3
5 21	14 45.77	−17 23.0	2.264	3.250	4.9	21.5
5 31	14 37.61	−16 55.8	2.302	3.236	8.3	21.7
6 10	14 31.09	−16 33.7	2.365	3.221	11.3	21.9

365409 2010 AX_{100} 5 7.4 243.°83 6.°3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.90	+ 5 42.0	2.891	3.706	10.1	20.7
4 11	15 15.45	+ 6 24.8	2.817	3.701	8.4	20.6
4 21	15 9.62	+ 7 0.8	2.767	3.695	6.9	20.5
5 1	15 2.88	+ 7 26.1	2.744	3.689	6.3	20.4
5 11	14 55.78	+ 7 37.5	2.748	3.683	6.9	20.4
5 21	14 48.93	+ 7 33.3	2.778	3.678	8.3	20.5
5 31	14 42.88	+ 7 13.1	2.833	3.672	10.1	20.6
6 10	14 38.06	+ 6 37.9	2.910	3.666	11.9	20.8

358512 2007 RJ_{237} 5 7.4 292.°50 3.°1/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.34	−23 17.1	1.388	2.220	18.2	20.4
4 11	15 22.47	−23 43.0	1.297	2.204	14.5	20.1
4 21	15 15.28	−23 55.9	1.225	2.188	10.1	19.8
5 1	15 5.45	−23 53.8	1.175	2.172	5.3	19.5
5 11	14 54.27	−23 37.3	1.150	2.156	3.3	19.3
5 21	14 43.29	−23 9.6	1.149	2.140	7.6	19.5
5 31	14 34.12	−22 37.3	1.172	2.125	12.6	19.7
6 10	14 27.90	−22 8.0	1.215	2.109	17.3	20.0

436376 2010 OG_{101} 5 7.4 276.°94 8.°0/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.76	+ 7 25.2	2.544	3.359	11.3	21.2
4 11	15 16.46	+ 8 46.3	2.452	3.331	9.7	21.0
4 21	15 10.48	+10 1.3	2.385	3.303	8.4	20.9
5 1	15 3.29	+11 4.1	2.344	3.273	8.1	20.8
5 11	14 55.54	+11 49.4	2.329	3.244	8.9	20.8
5 21	14 47.92	+12 13.6	2.340	3.214	10.7	20.9
5 31	14 41.14	+12 15.3	2.373	3.183	12.7	20.9
6 10	14 35.78	+11 55.2	2.425	3.153	14.7	21.0

395289 2011 BJ_2 5 7.4 83.°26 38.°4/17.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	18 11.37	−35 39.9	0.587	1.234	53.1	19.5
4 11	18 7.59	−49 3.1	0.558	1.288	47.8	19.4
4 21	17 47.46	−62 49.0	0.559	1.340	42.9	19.3
5 1	16 39.97	−74 25.7	0.592	1.389	39.8	19.5
5 11	13 44.66	−79 24.8	0.653	1.435	38.6	19.7
5 21	11 19.30	−76 14.2	0.734	1.478	38.5	20.0
5 31	10 31.99	−71 25.4	0.827	1.518	38.7	20.3
6 10	10 20.89	−67 31.6	0.927	1.555	38.8	20.6

211648 2003 UV_{219} 5 7.4 299.°82 2.°8/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.81	−13 35.2	1.386	2.241	16.9	20.7
4 11	15 19.58	−12 57.1	1.289	2.214	13.1	20.3
4 21	15 13.33	−12 9.3	1.211	2.186	8.6	20.0
5 1	15 4.67	−11 15.7	1.157	2.159	3.9	19.7
5 11	14 54.73	−10 22.4	1.127	2.131	4.1	19.6
5 21	14 44.90	− 9 36.6	1.122	2.104	9.1	19.8
5 31	14 36.62	− 9 5.1	1.139	2.076	14.4	20.0
6 10	14 30.99	− 8 52.4	1.175	2.050	19.1	20.2

495549 2014 WV_{169} 5 7.4 292.°65 5.°0/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.71	− 7 40.7	1.344	2.199	17.4	21.6
4 11	15 22.70	− 7 14.6	1.249	2.171	13.6	21.3
4 21	15 15.45	− 6 47.1	1.172	2.144	9.4	20.9
5 1	15 5.56	− 6 23.5	1.119	2.116	5.5	20.6
5 11	14 54.22	− 6 9.8	1.090	2.088	6.0	20.6
5 21	14 42.92	− 6 11.1	1.086	2.060	10.5	20.7
5 31	14 33.22	− 6 31.2	1.103	2.032	15.6	20.9
6 10	14 26.33	− 7 11.0	1.140	2.005	20.3	21.1

62588 2000 SE_{301} 5 7.4 89.°02 0.°3/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.19	−19 57.9	2.317	3.135	12.2	19.7
4 11	15 16.82	−19 33.7	2.240	3.143	9.4	19.6
4 21	15 10.67	−19 0.6	2.186	3.151	6.1	19.4
5 1	15 3.33	−18 20.5	2.159	3.160	2.5	19.1
5 11	14 55.59	−17 36.3	2.160	3.168	1.3	19.1
5 21	14 48.21	−16 51.9	2.189	3.176	4.9	19.3
5 31	14 41.94	−16 11.3	2.246	3.185	8.2	19.5
6 10	14 37.30	−15 37.9	2.327	3.193	11.2	19.7

405020 2001 QX 5 7.4 294.°91 6.°0/ 3.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.98	− 8 36.0	1.306	2.168	17.3	21.8
4 11	15 19.84	− 7 24.2	1.211	2.139	13.6	21.4
4 21	15 13.57	− 6 4.0	1.137	2.109	9.4	21.1
5 1	15 4.80	− 4 42.9	1.085	2.079	6.2	20.8
5 11	14 54.67	− 3 30.3	1.057	2.049	7.3	20.8
5 21	14 44.65	− 2 35.6	1.052	2.019	11.8	21.0
5 31	14 36.21	− 2 6.0	1.069	1.989	16.8	21.1
6 10	14 30.51	− 2 4.2	1.103	1.959	21.4	21.3

239822 1998 RY_{31} 5 7.4 171.°92 5.°0/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.16	−34 22.6	2.621	3.367	12.8	21.4
4 11	15 21.50	−34 46.5	2.529	3.371	10.7	21.2
4 21	15 13.79	−34 56.0	2.460	3.374	8.3	21.1
5 1	15 4.62	−34 49.0	2.416	3.376	6.1	20.9
5 11	14 54.86	−34 25.6	2.399	3.378	5.0	20.9
5 21	14 45.42	−33 47.9	2.410	3.379	5.9	20.9
5 31	14 37.17	−33 0.2	2.449	3.380	8.0	21.1
6 10	14 30.75	−32 7.9	2.513	3.380	10.4	21.2

471479 2011 UN_{369} 5 7.4 263.°45 2.°5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.32	−27 4.2	2.392	3.187	12.6	20.8
4 11	15 17.09	−26 47.7	2.295	3.178	10.0	20.6
4 21	15 10.97	−26 17.8	2.219	3.169	7.1	20.4
5 1	15 3.50	−25 34.7	2.170	3.161	4.0	20.1
5 11	14 55.49	−24 40.6	2.148	3.152	2.5	20.0
5 21	14 47.76	−23 39.4	2.155	3.143	4.9	20.2
5 31	14 41.11	−22 36.0	2.189	3.134	8.1	20.3
6 10	14 36.15	−21 35.7	2.248	3.125	11.1	20.5

260712 2005 JB_{150} 5 7.4 14.°74 3.°7/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.04	−12 8.3	1.437	2.293	16.4	20.8
4 11	15 18.40	−11 5.4	1.368	2.294	12.5	20.5
4 21	15 12.13	− 9 55.0	1.321	2.295	8.1	20.3
5 1	15 4.01	− 8 43.1	1.297	2.297	4.3	20.1
5 11	14 55.22	− 7 37.3	1.299	2.298	4.8	20.1
5 21	14 46.97	− 6 44.3	1.326	2.300	8.9	20.3
5 31	14 40.36	− 6 9.6	1.375	2.303	13.2	20.6
6 10	14 36.14	− 5 55.2	1.445	2.305	17.0	20.8

469990 2006 JW_{17} 5 7.4 313.°11 1.°5/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.01	−13 51.1	1.862	2.700	14.0	21.0
4 11	15 18.71	−13 36.7	1.779	2.694	10.7	20.8
4 21	15 12.17	−13 17.1	1.717	2.689	6.9	20.5
5 1	15 4.02	−12 54.9	1.682	2.684	2.9	20.3
5 11	14 55.19	−12 33.3	1.673	2.679	2.5	20.2
5 21	14 46.70	−12 15.9	1.691	2.674	6.5	20.5
5 31	14 39.49	−12 6.1	1.735	2.669	10.5	20.7
6 10	14 34.28	−12 6.6	1.800	2.665	14.0	20.9

227619 2006 BH_{26} 5 7.4 129.°32 1.°8/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.60	−23 53.2	2.014	2.823	14.1	20.7
4 11	15 19.77	−23 42.8	1.935	2.830	11.1	20.5
4 21	15 12.74	−23 20.0	1.878	2.837	7.5	20.3
5 1	15 4.21	−22 45.4	1.847	2.843	3.7	20.1
5 11	14 55.13	−22 1.5	1.843	2.849	2.0	19.9
5 21	14 46.49	−21 12.7	1.867	2.855	5.4	20.2
5 31	14 39.20	−20 24.1	1.917	2.861	9.1	20.4
6 10	14 33.93	−19 40.9	1.991	2.867	12.4	20.6

38117 1999 JH_{36} 5 7.4 290.°02 1.°8/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.13	−16 41.7	1.738	2.579	14.7	18.8
4 11	15 17.55	−15 41.4	1.642	2.560	11.3	18.5
4 21	15 11.58	−14 28.6	1.568	2.541	7.3	18.2
5 1	15 3.84	−13 7.1	1.520	2.522	3.0	17.9
5 11	14 55.30	−11 43.1	1.499	2.504	3.0	17.9
5 21	14 47.04	−10 23.8	1.504	2.485	7.4	18.1
5 31	14 40.09	− 9 16.4	1.534	2.466	11.8	18.3
6 10	14 35.26	− 8 25.8	1.586	2.447	15.7	18.5

136330 2004 BM_{107} 5 7.4 168.°26 0.°9/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 27.77	−15 19.6	2.075	2.895	13.4	21.6
4 11	15 22.03	−15 7.0	1.994	2.899	10.2	21.4
4 21	15 14.15	−14 48.5	1.936	2.904	6.6	21.1
5 1	15 4.77	−14 26.1	1.905	2.907	2.6	20.9
5 11	14 54.82	−14 2.4	1.903	2.910	2.0	20.9
5 21	14 45.27	−13 40.9	1.930	2.912	5.9	21.1
5 31	14 37.01	−13 25.0	1.983	2.913	9.6	21.3
6 10	14 30.70	−13 17.3	2.060	2.914	12.9	21.5

76826 2000 SW_{131} 5 7.4 318.°58 5.°3/15.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.19	−45 38.5	4.449	5.108	9.0	19.4
4 11	15 14.88	−45 57.7	4.351	5.107	8.0	19.3
4 21	15 9.26	−46 4.6	4.272	5.105	6.9	19.2
5 1	15 2.77	−45 58.1	4.218	5.104	5.9	19.1
5 11	14 55.92	−45 37.9	4.188	5.102	5.3	19.1
5 21	14 49.28	−45 5.2	4.185	5.101	5.4	19.1
5 31	14 43.36	−44 22.0	4.209	5.099	6.0	19.1
6 10	14 38.61	−43 31.5	4.258	5.098	7.0	19.2

207021 2004 VQ_{23} 5 7.5 245.°09 2.°9/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.23	− 8 51.8	2.128	2.956	12.8	20.2
4 11	15 20.94	− 8 39.7	2.033	2.943	9.9	20.0
4 21	15 13.54	− 8 26.9	1.963	2.930	6.6	19.8
5 1	15 4.59	− 8 16.1	1.919	2.916	3.5	19.6
5 11	14 54.93	− 8 10.2	1.904	2.902	3.7	19.6
5 21	14 45.50	− 8 11.7	1.916	2.888	6.9	19.7
5 31	14 37.18	− 8 22.9	1.955	2.873	10.4	19.9
6 10	14 30.69	− 8 44.7	2.018	2.858	13.6	20.1

137882 2000 AF_{120} 5 7.5 180.°09 2.°7/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.67	−25 55.9	1.915	2.717	15.0	20.1
4 11	15 21.59	−25 51.8	1.830	2.718	11.9	19.9
4 21	15 14.06	−25 33.3	1.766	2.719	8.3	19.7
5 1	15 4.80	−25 0.0	1.727	2.719	4.5	19.5
5 11	14 54.84	−24 14.1	1.715	2.719	2.8	19.3
5 21	14 45.31	−23 19.9	1.730	2.718	5.8	19.5
5 31	14 37.25	−22 23.5	1.773	2.717	9.6	19.7
6 10	14 31.39	−21 31.3	1.838	2.716	13.1	20.0

143601 2003 FZ_{78} 5 7.5 2.°75 3.°0/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.01	− 9 50.0	2.001	2.842	13.0	19.8
4 11	15 16.94	− 9 22.7	1.925	2.842	9.9	19.6
4 21	15 10.90	− 8 53.3	1.872	2.842	6.5	19.4
5 1	15 3.50	− 8 25.2	1.844	2.842	3.5	19.2
5 11	14 55.57	− 8 2.3	1.844	2.843	3.8	19.2
5 21	14 48.00	− 7 47.8	1.871	2.844	6.9	19.4
5 31	14 41.59	− 7 44.2	1.923	2.845	10.3	19.7
6 10	14 36.97	− 7 52.9	1.997	2.847	13.4	19.8

11513 1991 CE_1 5 7.5 17.°48 0.°5/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.98	−17 57.5	2.155	2.983	12.7	17.3
4 11	15 16.07	−17 24.7	2.075	2.985	9.7	17.1
4 21	15 10.29	−16 43.5	2.017	2.987	6.2	16.9
5 1	15 3.24	−15 56.2	1.986	2.989	2.4	16.6
5 11	14 55.72	−15 6.5	1.983	2.991	1.6	16.6
5 21	14 48.55	−14 18.8	2.008	2.993	5.4	16.8
5 31	14 42.49	−13 37.3	2.059	2.996	9.0	17.1
6 10	14 38.14	−13 5.4	2.133	2.998	12.1	17.3

242247 2003 SC_{226} 5 7.5 260.°43 1.°8/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.46	−15 23.6	1.791	2.624	14.6	21.2
4 11	15 20.90	−14 40.2	1.688	2.602	11.3	20.9
4 21	15 13.81	−13 46.7	1.608	2.579	7.3	20.6
5 1	15 4.79	−12 46.3	1.553	2.555	3.1	20.3
5 11	14 54.82	−11 43.9	1.526	2.531	3.0	20.2
5 21	14 45.04	−10 45.7	1.526	2.506	7.4	20.4
5 31	14 36.56	− 9 57.6	1.551	2.480	11.9	20.6
6 10	14 30.26	− 9 24.2	1.598	2.454	15.8	20.8

141859 2002 PC_{18} 5 7.5 268.°12 0.°2/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.89	−18 35.9	1.712	2.543	15.3	21.1
4 11	15 20.60	−18 12.8	1.613	2.524	11.9	20.9
4 21	15 13.68	−17 38.4	1.536	2.506	7.8	20.6
5 1	15 4.75	−16 54.3	1.484	2.486	3.1	20.2
5 11	14 54.86	−16 4.5	1.458	2.466	1.8	20.1
5 21	14 45.19	−15 14.1	1.459	2.446	6.8	20.4
5 31	14 36.91	−14 29.3	1.486	2.426	11.4	20.6
6 10	14 30.93	−13 55.3	1.534	2.406	15.6	20.8

206319 2003 MC_{13} 5 7.5 320.°43 2.°7/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 20.73	−23 52.0	1.206	2.055	19.3	19.5
4 11	15 18.52	−23 55.7	1.118	2.035	15.4	19.2
4 21	15 12.91	−23 41.1	1.048	2.016	10.7	18.9
5 1	15 4.60	−23 7.4	0.999	1.998	5.5	18.5
5 11	14 54.91	−22 16.9	0.973	1.980	3.1	18.3
5 21	14 45.50	−21 15.9	0.970	1.964	7.9	18.6
5 31	14 38.01	−20 13.8	0.988	1.948	13.5	18.8
6 10	14 33.61	−19 20.0	1.025	1.933	18.6	19.0

123954 2001 FV_7 5 7.5 119.°60 13.°6/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.58	+ 2 52.9	1.140	2.001	19.3	19.4
4 11	15 21.41	+ 6 19.9	1.100	2.011	16.1	19.2
4 21	15 14.15	+ 9 38.7	1.081	2.020	14.0	19.1
5 1	15 4.84	+12 30.1	1.086	2.029	13.8	19.1
5 11	14 54.93	+14 38.9	1.114	2.038	15.6	19.2
5 21	14 45.87	+15 57.7	1.161	2.046	18.4	19.4
5 31	14 38.89	+16 27.0	1.226	2.053	21.3	19.6
6 10	14 34.72	+16 13.3	1.305	2.061	23.9	19.9

4037 Ikeya 5 7.5 126.°81 2.°4/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 26.77	−24 30.6	2.245	3.042	13.3	17.5
4 11	15 21.23	−24 44.3	2.167	3.053	10.4	17.4
4 21	15 13.62	−24 47.3	2.112	3.065	7.2	17.2
5 1	15 4.59	−24 39.4	2.083	3.076	3.9	17.0
5 11	14 55.03	−24 21.6	2.082	3.086	2.5	16.9
5 21	14 45.87	−23 56.8	2.110	3.097	5.1	17.1
5 31	14 37.97	−23 29.0	2.165	3.106	8.3	17.3
6 10	14 31.98	−23 2.6	2.245	3.116	11.3	17.5

501112 2013 TN_8 5 7.5 5.°67 2.°0/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.73	−21 17.1	1.452	2.288	17.3	20.0
4 11	15 20.77	−21 37.9	1.377	2.288	13.5	19.8
4 21	15 13.88	−21 47.6	1.322	2.288	9.1	19.5
5 1	15 4.83	−21 45.4	1.290	2.289	4.4	19.2
5 11	14 54.87	−21 33.2	1.284	2.291	2.4	19.1
5 21	14 45.38	−21 14.4	1.302	2.293	6.8	19.4
5 31	14 37.65	−20 54.6	1.344	2.296	11.4	19.7
6 10	14 32.57	−20 39.2	1.408	2.299	15.5	19.9

383055 2005 QU_{125} 5 7.5 26.°70 5.°3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 19.41	− 4 4.7	2.119	2.961	12.3	20.4
4 11	15 15.55	− 2 56.6	2.050	2.964	9.6	20.2
4 21	15 9.92	− 1 49.4	2.006	2.966	7.0	20.1
5 1	15 3.10	− 0 48.5	1.987	2.969	5.4	20.0
5 11	14 55.85	+ 0 0.8	1.996	2.971	6.1	20.0
5 21	14 48.97	+ 0 34.7	2.030	2.974	8.5	20.2
5 31	14 43.17	+ 0 50.9	2.090	2.977	11.3	20.4
6 10	14 38.99	+ 0 49.2	2.170	2.980	13.8	20.5

499946 2011 HN_{75} 5 7.5 184.°89 5.°7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.04	− 1 40.6	1.984	2.818	13.4	21.1
4 11	15 19.97	− 1 8.1	1.911	2.818	10.6	20.9
4 21	15 12.84	− 0 39.9	1.861	2.818	7.7	20.8
5 1	15 4.29	− 0 20.7	1.837	2.818	5.9	20.6
5 11	14 55.20	− 0 14.4	1.840	2.817	6.4	20.7
5 21	14 46.50	− 0 23.5	1.869	2.817	8.9	20.8
5 31	14 39.04	− 0 48.9	1.923	2.816	11.8	21.0
6 10	14 33.45	− 1 29.7	1.999	2.816	14.6	21.2

32911 Cervara 5 7.5 255.°47 1.°8/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.10	−16 13.7	1.611	2.450	15.7	19.2
4 11	15 20.82	−15 23.5	1.517	2.434	12.1	19.0
4 21	15 13.84	−14 21.3	1.445	2.417	7.8	18.7
5 1	15 4.83	−13 10.6	1.398	2.400	3.3	18.4
5 11	14 54.87	−11 57.6	1.377	2.382	3.1	18.3
5 21	14 45.21	−10 49.3	1.383	2.364	7.8	18.5
5 31	14 37.04	− 9 52.7	1.413	2.346	12.5	18.7
6 10	14 31.24	− 9 13.0	1.465	2.327	16.7	19.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
241951	2002 DD_3		5 7.5	71.°26	4.°4/ 5.6	18
	h m	° ′			°	m
4 1	15 30.32	− 4 46.8	1.712	2.545	15.2	20.0
4 11	15 24.09	− 4 49.0	1.656	2.565	11.7	19.9
4 21	15 15.48	− 4 55.1	1.621	2.585	8.0	19.7
5 1	15 5.31	− 5 8.3	1.612	2.605	4.9	19.5
5 11	14 54.69	− 5 30.8	1.631	2.625	5.0	19.6
5 21	14 44.73	− 6 3.7	1.677	2.644	8.1	19.8
5 31	14 36.38	− 6 47.2	1.748	2.664	11.6	20.0
6 10	14 30.30	− 7 40.3	1.842	2.684	14.7	20.3
197001	2003 UH_{96}		5 7.5	294.°63	1.°1/ 6.7	18
4 1	15 22.97	−15 22.6	1.925	2.758	13.7	20.5
4 11	15 18.61	−15 3.1	1.842	2.756	10.5	20.3
4 21	15 12.08	−14 37.0	1.783	2.753	6.7	20.1
5 1	15 4.02	−14 6.8	1.749	2.751	2.7	19.8
5 11	14 55.35	−13 35.8	1.742	2.749	2.2	19.8
5 21	14 47.02	−13 7.9	1.762	2.746	6.2	20.0
5 31	14 39.96	−12 47.1	1.809	2.744	10.1	20.2
6 10	14 34.84	−12 36.2	1.878	2.742	13.5	20.4
497190	2004 TQ_{135}		5 7.5	184.°43	1.°6/ 8.8	17
4 1	15 25.14	−23 50.1	2.600	3.394	11.7	22.9
4 11	15 19.76	−23 39.7	2.508	3.394	9.2	22.8
4 21	15 12.59	−23 19.1	2.439	3.394	6.2	22.6
5 1	15 4.18	−22 48.8	2.397	3.393	3.1	22.4
5 11	14 55.27	−22 10.7	2.385	3.391	1.7	22.3
5 21	14 46.67	−21 27.9	2.402	3.389	4.5	22.4
5 31	14 39.10	−20 44.4	2.447	3.386	7.6	22.6
6 10	14 33.15	−20 4.3	2.518	3.382	10.5	22.8
22147	2000 WP_{32}		5 7.5	252.°18	4.°4/ 3.7	18
4 1	15 21.80	− 3 13.8	2.632	3.459	10.7	19.0
4 11	15 17.15	− 2 37.4	2.539	3.444	8.4	18.8
4 21	15 10.90	− 2 2.8	2.471	3.428	6.0	18.6
5 1	15 3.51	− 1 33.4	2.430	3.412	4.5	18.5
5 11	14 55.64	− 1 12.7	2.417	3.395	5.0	18.5
5 21	14 47.94	− 1 3.3	2.432	3.378	7.2	18.6
5 31	14 41.10	− 1 6.9	2.474	3.361	9.7	18.7
6 10	14 35.64	− 1 23.8	2.538	3.344	12.2	18.9
43895	1995 UC_4		5 7.5	201.°25	0.°3/ 7.7	17 R
4 1	15 27.17	−19 12.1	2.033	2.848	13.8	20.1
4 11	15 21.80	−19 2.0	1.942	2.844	10.7	19.9
4 21	15 14.15	−18 43.0	1.875	2.840	7.0	19.6
5 1	15 4.87	−18 16.0	1.834	2.835	2.9	19.4
5 11	14 54.89	−17 43.6	1.821	2.829	1.5	19.3
5 21	14 45.24	−17 9.6	1.836	2.823	5.7	19.5
5 31	14 36.88	−16 38.3	1.878	2.816	9.6	19.7
6 10	14 30.54	−16 14.0	1.944	2.808	13.1	20.0
430357	2013 YO_{149}		5 7.5	170.°14	2.°8/ 5.5	17
4 1	15 24.60	− 9 44.6	2.201	3.030	12.4	21.3
4 11	15 19.48	− 9 19.3	2.122	3.033	9.5	21.1
4 21	15 12.46	− 8 52.2	2.068	3.035	6.2	20.9
5 1	15 4.13	− 8 26.2	2.040	3.037	3.3	20.7
5 11	14 55.32	− 8 4.8	2.040	3.039	3.5	20.7
5 21	14 46.85	− 7 50.8	2.069	3.040	6.5	20.9
5 31	14 39.51	− 7 46.6	2.124	3.041	9.8	21.1
6 10	14 33.89	− 7 53.6	2.202	3.041	12.7	21.3
241821	2001 SZ_{92}		5 7.5	201.°56	0.°1/ 7.6	18
4 1	15 22.25	−19 4.4	2.372	3.188	12.0	21.0
4 11	15 17.69	−18 46.3	2.283	3.186	9.2	20.8
4 21	15 11.32	−18 20.1	2.218	3.184	6.0	20.6
5 1	15 3.69	−17 47.4	2.180	3.182	2.4	20.4
5 11	14 55.55	−17 10.8	2.171	3.179	1.3	20.3
5 21	14 47.71	−16 33.7	2.190	3.176	4.9	20.5
5 31	14 40.91	−15 59.9	2.236	3.173	8.3	20.7
6 10	14 35.74	−15 32.7	2.307	3.170	11.3	20.9
293453	2007 EA_{184}		5 7.5	285.°11	3.°8/ 5.0	17
4 1	15 22.73	− 9 45.4	1.733	2.579	14.5	20.7
4 11	15 18.72	− 9 0.9	1.645	2.564	11.2	20.4
4 21	15 12.33	− 8 12.3	1.579	2.550	7.4	20.2
5 1	15 4.19	− 7 24.1	1.538	2.535	4.2	19.9
5 11	14 55.26	− 6 41.9	1.523	2.520	4.7	19.9
5 21	14 46.60	− 6 10.7	1.534	2.505	8.4	20.1
5 31	14 39.26	− 5 54.4	1.570	2.490	12.3	20.3
6 10	14 34.01	− 5 55.2	1.626	2.476	15.9	20.5
501048	2013 RQ_{94}		5 7.5	252.°22	8.°3/30.3	17
4 1	15 22.69	+ 2 11.5	1.957	2.792	13.5	21.3
4 11	15 18.35	+ 3 47.7	1.876	2.776	11.1	21.1
4 21	15 11.92	+ 5 20.4	1.819	2.760	9.0	20.9
5 1	15 3.98	+ 6 41.8	1.788	2.744	8.3	20.8
5 11	14 55.39	+ 7 44.6	1.782	2.727	9.3	20.9
5 21	14 47.07	+ 8 23.8	1.802	2.709	11.6	21.0
5 31	14 39.90	+ 8 36.9	1.844	2.691	14.3	21.1
6 10	14 34.58	+ 8 24.9	1.905	2.673	16.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
211448	2003 AK_{76}		5 7.5	86.°10	1.°5/ 6.4	18
	h m	° ′			°	m
4 1	15 25.66	−12 28.4	2.284	3.107	12.2	20.0
4 11	15 20.06	−12 22.1	2.223	3.130	9.2	19.8
4 21	15 12.69	−12 13.1	2.185	3.153	5.9	19.7
5 1	15 4.18	−12 3.2	2.175	3.176	2.5	19.5
5 11	14 55.33	−11 54.8	2.194	3.199	2.3	19.5
5 21	14 46.95	−11 50.1	2.242	3.221	5.5	19.7
5 31	14 39.76	−11 51.2	2.317	3.243	8.6	20.0
6 10	14 34.27	−11 59.5	2.416	3.265	11.4	20.2
125776	2001 XX_{140}		5 7.5	24.°49	1.°0/ 6.9	17 R
4 1	15 23.49	−16 34.5	1.712	2.549	15.0	20.3
4 11	15 19.24	−16 8.0	1.634	2.550	11.5	20.1
4 21	15 12.59	−15 32.8	1.579	2.550	7.4	19.9
5 1	15 4.25	−14 51.6	1.548	2.551	2.9	19.6
5 11	14 55.26	−14 8.6	1.544	2.551	2.2	19.5
5 21	14 46.70	−13 28.8	1.567	2.552	6.6	19.8
5 31	14 39.58	−12 57.0	1.614	2.553	10.8	20.1
6 10	14 34.65	−12 37.0	1.684	2.554	14.5	20.3
34666	Bohyunsan		5 7.5	339.°38	0.°3/ 7.3	18
4 1	15 19.93	−17 37.6	1.926	2.761	13.7	19.0
4 11	15 16.37	−17 21.6	1.839	2.753	10.5	18.8
4 21	15 10.70	−16 57.3	1.775	2.745	6.8	18.5
5 1	15 3.50	−16 26.7	1.736	2.738	2.7	18.3
5 11	14 55.66	−15 53.0	1.724	2.732	1.6	18.2
5 21	14 48.11	−15 20.2	1.738	2.726	5.8	18.4
5 31	14 41.78	−14 52.5	1.778	2.720	9.8	18.7
6 10	14 37.34	−14 33.6	1.841	2.715	13.2	18.9
58679	Brenig		5 7.5	124.°89	1.°1/ 8.3	18
4 1	15 27.57	−21 36.0	2.270	3.073	12.9	19.9
4 11	15 21.67	−21 29.8	2.199	3.092	10.0	19.7
4 21	15 13.80	−21 14.2	2.150	3.110	6.6	19.5
5 1	15 4.64	−20 49.8	2.129	3.128	3.0	19.3
5 11	14 55.07	−20 19.0	2.137	3.145	1.5	19.2
5 21	14 45.98	−19 45.1	2.174	3.161	4.9	19.5
5 31	14 38.16	−19 12.2	2.238	3.176	8.3	19.7
6 10	14 32.20	−18 44.0	2.328	3.191	11.2	20.0
242673	2005 SL_{126}		5 7.5	226.°51	3.°3/ 4.1	18
4 1	15 19.97	− 7 21.7	2.906	3.733	9.8	21.4
4 11	15 15.59	− 6 31.2	2.814	3.722	7.5	21.2
4 21	15 9.81	− 5 39.2	2.748	3.711	5.1	21.1
5 1	15 3.06	− 4 49.1	2.710	3.700	3.4	20.9
5 11	14 55.91	− 4 4.3	2.701	3.688	3.9	21.0
5 21	14 48.96	− 3 27.9	2.720	3.675	6.1	21.1
5 31	14 42.78	− 3 2.5	2.767	3.662	8.6	21.2
6 10	14 37.84	− 2 49.2	2.838	3.649	10.9	21.4
428304	2007 FG_6		5 7.5	297.°06	8.°3/11.3	18
4 1	15 28.48	−34 45.8	1.722	2.495	17.6	20.8
4 11	15 24.10	−35 59.0	1.621	2.476	15.0	20.6
4 21	15 16.43	−36 56.3	1.539	2.456	12.1	20.3
5 1	15 6.05	−37 31.8	1.480	2.437	9.5	20.1
5 11	14 54.16	−37 41.5	1.444	2.418	8.3	20.0
5 21	14 42.29	−37 25.2	1.434	2.398	9.5	20.0
5 31	14 32.06	−36 47.8	1.447	2.380	12.3	20.1
6 10	14 24.71	−35 58.1	1.481	2.361	15.6	20.3
170701	2004 BX_{24}		5 7.5	171.°97	0.°4/ 7.2	18
4 1	15 22.43	−17 41.2	2.218	3.041	12.5	21.1
4 11	15 17.92	−17 18.5	2.135	3.042	9.6	20.9
4 21	15 11.50	−16 48.1	2.075	3.043	6.2	20.7
5 1	15 3.78	−16 11.9	2.041	3.043	2.4	20.4
5 11	14 55.55	−15 33.1	2.036	3.044	1.5	20.4
5 21	14 47.66	−14 55.5	2.059	3.044	5.3	20.6
5 31	14 40.89	−14 22.9	2.109	3.044	8.8	20.8
6 10	14 35.83	−13 58.4	2.182	3.044	11.9	21.0
100851	1998 HB_{33}		5 7.5	344.°80	1.°0/ 6.9	17
4 1	15 21.47	−17 56.6	1.307	2.162	17.7	19.3
4 11	15 18.44	−17 19.4	1.233	2.157	13.6	19.0
4 21	15 12.44	−16 28.5	1.178	2.153	8.8	18.7
5 1	15 4.29	−15 27.7	1.146	2.149	3.5	18.4
5 11	14 55.26	−14 23.2	1.138	2.146	2.5	18.3
5 21	14 46.74	−13 22.7	1.155	2.144	7.9	18.6
5 31	14 40.01	−12 33.6	1.195	2.142	13.0	18.9
6 10	14 35.95	−12 1.1	1.254	2.140	17.4	19.2
438854	2009 DX_{55}		5 7.5	87.°74	2.°5/ 5.6	17
4 1	15 21.94	−11 11.4	2.147	2.981	12.5	21.4
4 11	15 17.47	−10 37.4	2.075	2.989	9.5	21.2
4 21	15 11.16	−10 0.2	2.028	2.997	6.1	21.0
5 1	15 3.62	− 9 23.1	2.006	3.005	3.1	20.8
5 11	14 55.66	− 8 50.0	2.013	3.013	3.3	20.8
5 21	14 48.08	− 8 24.3	2.047	3.021	6.4	21.0
5 31	14 41.65	− 8 8.8	2.108	3.029	9.6	21.3
6 10	14 36.90	− 8 5.0	2.191	3.037	12.5	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
132238	2002 EC_{80}		5 7.5	231.°76	1.°4/ 8.4	17
	h m	° ′			°	m
4 1	15 24.82	−22 13.0	2.054	2.866	13.8	20.4
4 11	15 20.07	−22 8.8	1.961	2.859	10.8	20.2
4 21	15 13.09	−21 53.9	1.890	2.851	7.3	20.0
5 1	15 4.48	−21 28.4	1.845	2.844	3.4	19.7
5 11	14 55.16	−20 54.7	1.828	2.836	1.8	19.6
5 21	14 46.14	−20 16.3	1.839	2.827	5.5	19.8
5 31	14 38.36	−19 38.0	1.876	2.818	9.3	20.0
6 10	14 32.56	−19 4.4	1.936	2.810	12.7	20.2
60377	2000 AC_{165}		5 7.5	316.°67	1.°4/ 8.2	18
4 1	15 25.05	−19 29.9	2.086	2.903	13.4	17.4
4 11	15 20.30	−20 0.9	1.990	2.891	10.5	17.2
4 21	15 13.29	−20 26.0	1.916	2.880	7.0	16.9
5 1	15 4.60	−20 44.5	1.869	2.868	3.3	16.7
5 11	14 55.09	−20 57.0	1.849	2.857	1.8	16.5
5 21	14 45.75	−21 4.9	1.858	2.846	5.4	16.8
5 31	14 37.56	−21 10.9	1.893	2.835	9.2	17.0
6 10	14 31.30	−21 18.0	1.951	2.825	12.6	17.2
405930	2006 QL_{69}		5 7.5	254.°93	1.°0/ 6.3	18
4 1	15 17.53	−13 55.2	3.615	4.433	8.2	22.0
4 11	15 13.55	−13 31.6	3.511	4.417	6.2	21.8
4 21	15 8.43	−13 4.7	3.433	4.401	4.0	21.7
5 1	15 2.52	−12 35.9	3.384	4.385	1.7	21.5
5 11	14 56.27	−12 7.4	3.364	4.369	1.6	21.4
5 21	14 50.15	−11 41.2	3.374	4.352	3.9	21.6
5 31	14 44.62	−11 19.4	3.413	4.335	6.3	21.7
6 10	14 40.07	−11 3.6	3.477	4.318	8.4	21.9
418414	2008 LH_{10}		5 7.5	64.°17	6.°6/ 4.5	17
4 1	15 27.83	− 0 38.2	1.636	2.474	15.5	20.4
4 11	15 22.46	− 0 15.1	1.571	2.479	12.3	20.2
4 21	15 14.61	+ 0 0.9	1.528	2.485	9.0	20.0
5 1	15 5.06	+ 0 4.9	1.509	2.490	6.8	19.9
5 11	14 54.91	− 0 7.3	1.516	2.496	7.3	19.9
5 21	14 45.30	− 0 37.4	1.549	2.501	10.0	20.1
5 31	14 37.25	− 1 25.0	1.606	2.507	13.3	20.3
6 10	14 31.48	− 2 28.2	1.683	2.512	16.4	20.5
165960	2001 XR_{157}		5 7.5	96.°70	2.°8/ 5.2	18
4 1	15 21.86	− 9 28.3	2.366	3.198	11.6	20.5
4 11	15 17.20	− 8 55.6	2.299	3.210	8.8	20.3
4 21	15 10.89	− 8 21.3	2.255	3.223	5.8	20.2
5 1	15 3.51	− 7 48.6	2.239	3.235	3.2	20.0
5 11	14 55.77	− 7 20.8	2.251	3.247	3.5	20.1
5 21	14 48.40	− 7 0.9	2.291	3.259	6.2	20.2
5 31	14 42.08	− 6 51.0	2.357	3.271	9.1	20.4
6 10	14 37.30	− 6 52.1	2.447	3.283	11.7	20.6
426766	2013 TM_{102}		5 7.5	290.°11	0.°4/ 7.2	17
4 1	15 23.42	−17 44.1	1.673	2.510	15.3	21.4
4 11	15 19.44	−17 25.1	1.585	2.499	11.8	21.1
4 21	15 12.90	−16 56.3	1.517	2.488	7.7	20.8
5 1	15 4.47	−16 19.5	1.475	2.477	3.1	20.5
5 11	14 55.20	−15 38.7	1.458	2.466	1.9	20.4
5 21	14 46.24	−14 58.6	1.468	2.455	6.7	20.7
5 31	14 38.71	−14 24.8	1.502	2.445	11.2	20.9
6 10	14 33.45	−14 1.8	1.559	2.434	15.2	21.1
522734	2016 LR_{63}		5 7.5	213.°73	3.°1/10.3	17
4 1	15 24.55	−30 35.4	1.986	2.773	15.1	21.3
4 11	15 19.93	−29 50.0	1.893	2.770	12.2	21.1
4 21	15 12.97	−28 43.7	1.821	2.767	8.7	20.9
5 1	15 4.41	−27 16.9	1.775	2.763	5.1	20.7
5 11	14 55.28	−25 33.7	1.757	2.759	3.2	20.5
5 21	14 46.63	−23 40.8	1.767	2.755	5.6	20.7
5 31	14 39.44	−21 47.0	1.805	2.751	9.3	20.9
6 10	14 34.39	−20 0.6	1.867	2.747	12.9	21.1
94784	2001 XP_{118}		5 7.5	248.°24	0.°5/ 7.2	17
4 1	15 28.78	−16 13.7	1.698	2.526	15.5	19.4
4 11	15 23.64	−16 11.8	1.601	2.511	12.0	19.1
4 21	15 15.72	−16 2.9	1.526	2.495	7.9	18.9
5 1	15 5.65	−15 48.1	1.476	2.478	3.2	18.5
5 11	14 54.53	−15 29.9	1.453	2.461	2.0	18.4
5 21	14 43.61	−15 12.1	1.458	2.444	6.9	18.7
5 31	14 34.14	−14 59.0	1.487	2.425	11.6	18.9
6 10	14 27.07	−14 54.6	1.539	2.407	15.7	19.1
27582	Jackieterrel		5 7.5	197.°11	0.°6/ 7.0	18
4 1	15 23.66	−17 18.2	2.043	2.868	13.4	19.6
4 11	15 19.04	−16 50.9	1.958	2.867	10.2	19.4
4 21	15 12.33	−16 15.2	1.896	2.865	6.6	19.2
5 1	15 4.15	−15 33.4	1.861	2.863	2.6	18.9
5 11	14 55.41	−14 49.2	1.854	2.861	1.8	18.8
5 21	14 47.01	−14 6.7	1.874	2.859	5.8	19.1
5 31	14 39.84	−13 30.5	1.921	2.856	9.6	19.3
6 10	14 34.54	−13 4.0	1.991	2.853	12.9	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
502796	2015 DJ_{105}		5 7.5	353.°18	2.°5/ 8.6	17
	h m	° ′			°	m
4 1	15 25.67	−21 15.9	1.496	2.329	17.0	20.1
4 11	15 21.55	−21 56.4	1.417	2.325	13.4	19.9
4 21	15 14.47	−22 27.6	1.358	2.322	9.1	19.6
5 1	15 5.16	−22 48.0	1.322	2.320	4.6	19.3
5 11	14 54.83	−22 57.7	1.312	2.318	2.8	19.2
5 21	14 44.86	−22 58.9	1.327	2.317	6.8	19.4
5 31	14 36.60	−22 55.9	1.366	2.317	11.3	19.7
6 10	14 30.98	−22 53.7	1.426	2.317	15.4	19.9
254167	2004 QO_8		5 7.5	274.°29	2.°7/ 5.5	16
4 1	15 23.55	− 8 33.5	2.629	3.453	10.8	22.2
4 11	15 18.63	− 8 18.4	2.520	3.427	8.3	22.0
4 21	15 11.97	− 8 2.6	2.435	3.401	5.6	21.7
5 1	15 4.02	− 7 48.3	2.378	3.374	3.1	21.5
5 11	14 55.45	− 7 38.3	2.350	3.347	3.3	21.5
5 21	14 46.97	− 7 34.8	2.350	3.319	6.0	21.6
5 31	14 39.31	− 7 39.8	2.379	3.291	9.1	21.8
6 10	14 33.07	− 7 54.5	2.431	3.263	11.9	21.9
225874	2001 YS_4		5 7.5	111.°16	4.°6/ 9.8	18
4 1	15 30.44	−27 26.8	1.866	2.658	15.7	19.8
4 11	15 24.74	−28 20.6	1.785	2.663	12.7	19.6
4 21	15 16.30	−29 2.2	1.726	2.669	9.3	19.4
5 1	15 5.83	−29 28.4	1.692	2.675	6.0	19.3
5 11	14 54.48	−29 38.2	1.685	2.680	4.7	19.2
5 21	14 43.50	−29 33.3	1.705	2.686	6.7	19.3
5 31	14 34.09	−29 18.0	1.751	2.691	10.0	19.5
6 10	14 27.14	−28 58.3	1.820	2.696	13.3	19.7
155415	1996 JZ_5		5 7.5	250.°18	0.°8/ 6.3	18
4 1	15 14.08	−13 40.9	4.787	5.603	6.4	20.8
4 11	15 10.68	−13 23.6	4.689	5.594	4.8	20.7
4 21	15 6.47	−13 4.2	4.618	5.586	3.1	20.6
5 1	15 1.72	−12 43.7	4.576	5.577	1.3	20.4
5 11	14 56.75	−12 23.6	4.564	5.568	1.2	20.4
5 21	14 51.90	−12 5.2	4.581	5.559	3.0	20.5
5 31	14 47.47	−11 50.0	4.628	5.550	4.8	20.7
6 10	14 43.75	−11 39.0	4.700	5.541	6.4	20.8
250082	2002 EM_{161}		5 7.5	181.°64	2.°5/ 9.7	17
4 1	15 22.01	−27 9.8	2.641	3.428	11.7	21.1
4 11	15 17.43	−27 0.9	2.549	3.428	9.3	20.9
4 21	15 11.14	−26 40.2	2.481	3.428	6.6	20.7
5 1	15 3.65	−26 8.0	2.439	3.428	3.8	20.6
5 11	14 55.71	−25 25.9	2.426	3.428	2.5	20.5
5 21	14 48.07	−24 37.1	2.441	3.427	4.5	20.6
5 31	14 41.43	−23 45.8	2.484	3.427	7.3	20.8
6 10	14 36.35	−22 56.3	2.552	3.426	10.0	21.0
499294	2009 WU_7		5 7.5	162.°53	0.°5/ 7.9	17
4 1	15 24.07	−22 12.1	2.111	2.923	13.5	21.9
4 11	15 19.25	−21 25.8	2.028	2.927	10.4	21.7
4 21	15 12.39	−20 26.5	1.968	2.931	6.8	21.5
5 1	15 4.16	−19 16.6	1.934	2.935	2.9	21.3
5 11	14 55.45	−18 0.3	1.929	2.938	1.4	21.2
5 21	14 47.18	−16 43.2	1.953	2.940	5.3	21.4
5 31	14 40.18	−15 31.4	2.005	2.943	9.1	21.7
6 10	14 35.05	−14 29.8	2.080	2.944	12.3	21.9
391006	2005 SA_{123}		5 7.5	189.°90	1.°0/ 6.5	17
4 1	15 20.17	−16 18.7	2.672	3.493	10.7	21.5
4 11	15 15.88	−15 35.0	2.585	3.492	8.1	21.3
4 21	15 10.05	−14 44.5	2.522	3.491	5.2	21.2
5 1	15 3.20	−13 50.0	2.488	3.490	2.1	20.9
5 11	14 55.97	−12 54.7	2.482	3.488	1.8	20.9
5 21	14 49.01	−12 2.5	2.506	3.486	4.9	21.1
5 31	14 42.95	−11 16.9	2.558	3.484	7.9	21.3
6 10	14 38.27	−10 40.6	2.634	3.482	10.6	21.5
138697	2000 ST_{69}		5 7.5	226.°30	1.°0/ 6.9	18
4 1	15 28.06	−15 41.5	1.934	2.757	14.1	20.9
4 11	15 22.67	−15 23.1	1.838	2.745	10.9	20.7
4 21	15 14.85	−14 57.5	1.765	2.733	7.0	20.4
5 1	15 5.25	−14 26.6	1.717	2.719	2.8	20.1
5 11	14 54.83	−13 53.6	1.698	2.705	2.2	20.1
5 21	14 44.65	−13 22.6	1.707	2.690	6.5	20.3
5 31	14 35.76	−12 58.0	1.743	2.674	10.6	20.5
6 10	14 28.97	−12 43.2	1.801	2.657	14.3	20.7
380624	2004 TU_{298}		5 7.5	189.°86	0.°4/ 7.8	17
4 1	15 24.76	−19 55.5	2.424	3.232	12.0	22.5
4 11	15 19.59	−19 39.2	2.333	3.231	9.3	22.3
4 21	15 12.57	−19 14.3	2.266	3.229	6.1	22.1
5 1	15 4.24	−18 42.2	2.227	3.227	2.5	21.9
5 11	14 55.41	−18 5.2	2.216	3.224	1.3	21.7
5 21	14 46.86	−17 26.8	2.234	3.221	4.8	22.0
5 31	14 39.39	−16 50.7	2.281	3.217	8.2	22.2
6 10	14 33.58	−16 20.5	2.351	3.212	11.2	22.4

282751 2006 GW_{41} 5 7.5 337.°81 8.°7/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.16	+ 2 59.0	1.569	2.415	15.7	19.6
4 11	15 19.16	+ 3 41.9	1.497	2.405	12.9	19.3
4 21	15 12.66	+ 4 15.5	1.446	2.395	10.2	19.2
5 1	15 4.37	+ 4 32.8	1.419	2.387	8.7	19.0
5 11	14 55.33	+ 4 28.1	1.415	2.379	9.4	19.1
5 21	14 46.69	+ 3 58.8	1.434	2.371	11.9	19.2
5 31	14 39.52	+ 3 5.3	1.476	2.365	15.0	19.3
6 10	14 34.57	+ 1 50.6	1.538	2.359	18.0	19.5

31304 1998 FE_{103} 5 7.5 12.°34 0.°6/ 6.9 18

4 1	15 20.20	−18 9.6	2.117	2.945	12.8	18.6
4 11	15 16.31	−17 26.5	2.035	2.946	9.8	18.4
4 21	15 10.52	−16 33.9	1.977	2.947	6.3	18.2
5 1	15 3.43	−15 34.8	1.945	2.948	2.5	18.0
5 11	14 55.87	−14 33.4	1.941	2.949	1.8	17.9
5 21	14 48.67	−13 34.5	1.965	2.950	5.6	18.2
5 31	14 42.61	−12 42.9	2.015	2.951	9.2	18.4
6 10	14 38.27	−12 2.4	2.089	2.952	12.3	18.6

436674 2011 SM_{100} 5 7.5 166.°07 1.°8/ 9.0 17

4 1	15 22.42	−24 48.0	2.501	3.298	12.0	21.7
4 11	15 17.79	−24 32.5	2.413	3.301	9.4	21.5
4 21	15 11.38	−24 5.8	2.349	3.303	6.5	21.3
5 1	15 3.77	−23 28.6	2.311	3.305	3.3	21.1
5 11	14 55.69	−22 43.1	2.301	3.307	1.9	21.0
5 21	14 47.95	−21 52.8	2.321	3.309	4.5	21.2
5 31	14 41.25	−21 2.1	2.368	3.310	7.7	21.4
6 10	14 36.17	−20 15.3	2.440	3.311	10.5	21.6

497557 2006 DV_{113} 5 7.5 308.°18 7.°8/10.1 17

4 1	15 27.95	−29 42.5	1.311	2.126	19.9	21.1
4 11	15 24.46	−31 3.9	1.218	2.106	16.7	20.8
4 21	15 17.14	−32 11.8	1.142	2.086	12.9	20.5
5 1	15 6.54	−32 59.2	1.088	2.066	9.3	20.3
5 11	14 54.02	−33 21.1	1.057	2.047	7.8	20.1
5 21	14 41.47	−33 16.9	1.048	2.028	10.0	20.2
5 31	14 30.88	−32 52.0	1.062	2.010	14.1	20.3
6 10	14 23.78	−32 16.4	1.094	1.992	18.5	20.5

254939 2005 SU_{159} 5 7.5 118.°53 3.°1/ 9.8 18

4 1	15 26.08	−27 49.7	1.930	2.726	15.1	20.6
4 11	15 21.06	−27 40.3	1.854	2.737	12.1	20.5
4 21	15 13.69	−27 14.8	1.799	2.748	8.5	20.3
5 1	15 4.72	−26 33.2	1.769	2.758	4.9	20.1
5 11	14 55.20	−25 38.1	1.766	2.769	3.2	20.0
5 21	14 46.21	−24 34.4	1.791	2.778	5.7	20.1
5 31	14 38.73	−23 28.6	1.842	2.788	9.2	20.4
6 10	14 33.42	−22 27.0	1.917	2.797	12.6	20.6

418341 2008 GR_{35} 5 7.5 335.°89 1.°8/ 5.3 18

4 1	15 15.65	− 8 48.1	4.046	4.869	7.3	20.6
4 11	15 11.98	− 8 34.5	3.959	4.866	5.5	20.5
4 21	15 7.36	− 8 20.6	3.898	4.864	3.7	20.3
5 1	15 2.10	− 8 7.8	3.865	4.861	2.0	20.2
5 11	14 56.61	− 7 57.8	3.862	4.858	2.2	20.2
5 21	14 51.25	− 7 52.0	3.888	4.856	3.9	20.3
5 31	14 46.41	− 7 51.4	3.942	4.853	5.8	20.5
6 10	14 42.42	− 7 57.0	4.022	4.851	7.6	20.6

288110 2003 WT_{56} 5 7.5 250.°27 5.°7/12.1 18

4 1	15 28.53	−36 9.8	1.946	2.703	16.3	20.3
4 11	15 23.46	−35 52.9	1.835	2.685	13.8	20.1
4 21	15 15.58	−35 12.0	1.744	2.665	10.7	19.8
5 1	15 5.60	−34 3.9	1.677	2.645	7.6	19.6
5 11	14 54.69	−32 29.5	1.636	2.624	5.8	19.4
5 21	14 44.17	−30 34.0	1.623	2.603	7.1	19.5
5 31	14 35.25	−28 26.6	1.637	2.581	10.3	19.6
6 10	14 28.84	−26 18.6	1.676	2.558	13.9	19.8

182203 2000 VS_{59} 5 7.5 169.°55 0.°1/ 7.4 18

4 1	15 21.64	−18 2.1	2.840	3.651	10.4	21.4
4 11	15 16.92	−17 43.4	2.753	3.654	7.9	21.3
4 21	15 10.71	−17 18.5	2.692	3.657	5.1	21.1
5 1	15 3.49	−16 48.9	2.658	3.659	2.0	20.9
5 11	14 55.89	−16 16.8	2.653	3.661	1.2	20.8
5 21	14 48.55	−15 45.0	2.678	3.663	4.3	21.0
5 31	14 42.09	−15 16.4	2.731	3.664	7.2	21.2
6 10	14 36.97	−14 53.6	2.809	3.665	9.8	21.4

129854 1999 RT_{94} 5 7.5 216.°68 0.°9/ 6.8 18

4 1	15 24.03	−15 44.2	2.160	2.985	12.8	20.5
4 11	15 19.26	−15 23.2	2.071	2.979	9.8	20.3
4 21	15 12.48	−14 55.7	2.005	2.974	6.3	20.1
5 1	15 4.27	−14 23.8	1.966	2.968	2.5	19.8
5 11	14 55.46	−13 50.7	1.955	2.962	1.9	19.7
5 21	14 46.95	−13 19.9	1.972	2.955	5.7	20.0
5 31	14 39.57	−12 55.2	2.016	2.948	9.4	20.2
6 10	14 33.97	−12 39.4	2.084	2.941	12.6	20.4

303921 2005 UY_{207} 5 7.5 286.°44 0.°4/ 7.2 18

	h m	° ′			°	m
4 1	15 21.49	−16 57.3	2.352	3.175	11.9	21.5
4 11	15 17.17	−16 44.5	2.265	3.172	9.1	21.3
4 21	15 11.05	−16 25.4	2.201	3.169	5.9	21.1
5 1	15 3.67	−16 1.7	2.165	3.167	2.3	20.8
5 11	14 55.79	−15 35.8	2.156	3.164	1.4	20.8
5 21	14 48.18	−15 10.7	2.175	3.161	5.0	21.0
5 31	14 41.58	−14 49.8	2.222	3.158	8.4	21.2
6 10	14 36.59	−14 35.7	2.292	3.155	11.4	21.4

330868 2009 QO_{51} 5 7.5 279.°26 2.°0/ 8.6 17

4 1	15 25.09	−22 54.2	1.708	2.529	15.8	21.6
4 11	15 20.91	−22 56.1	1.610	2.512	12.5	21.4
4 21	15 14.01	−22 45.2	1.532	2.494	8.5	21.1
5 1	15 5.03	−22 21.1	1.479	2.477	4.2	20.8
5 11	14 55.01	−21 45.7	1.452	2.459	2.3	20.6
5 21	14 45.21	−21 3.0	1.451	2.442	6.4	20.8
5 31	14 36.85	−20 19.1	1.476	2.424	10.9	21.1
6 10	14 30.88	−19 40.4	1.523	2.406	15.0	21.3

178280 2357 $T\text{-}_3$ 5 7.5 187.°40 0.°7/ 6.9 16

4 1	15 26.41	−17 27.4	2.126	2.944	13.2	22.1
4 11	15 21.05	−16 51.7	2.039	2.944	10.1	21.8
4 21	15 13.61	−16 7.1	1.976	2.943	6.5	21.6
5 1	15 4.71	−15 16.0	1.939	2.941	2.6	21.4
5 11	14 55.25	−14 22.3	1.931	2.938	1.8	21.3
5 21	14 46.15	−13 30.6	1.952	2.935	5.8	21.6
5 31	14 38.29	−12 45.6	2.000	2.931	9.5	21.8
6 10	14 32.30	−12 11.0	2.072	2.926	12.8	22.0

168909 2000 XV_{30} 5 7.5 123.°78 4.°9/10.4 17

4 1	15 28.78	−29 36.9	1.635	2.432	17.4	19.9
4 11	15 23.75	−29 59.9	1.559	2.439	14.1	19.7
4 21	15 15.77	−30 5.0	1.503	2.446	10.4	19.5
5 1	15 5.67	−29 49.8	1.469	2.452	6.7	19.3
5 11	14 54.74	−29 15.3	1.462	2.459	4.9	19.2
5 21	14 44.35	−28 25.5	1.480	2.464	7.1	19.3
5 31	14 35.80	−27 27.8	1.523	2.470	10.7	19.6
6 10	14 29.92	−26 30.2	1.589	2.476	14.3	19.8

200205 1999 TC_{28} 5 7.5 250.°78 1.°8/ 8.6 17

4 1	15 26.41	−22 9.8	2.135	2.942	13.5	20.4
4 11	15 21.35	−22 25.6	2.035	2.929	10.6	20.1
4 21	15 14.01	−22 32.4	1.957	2.915	7.3	19.9
5 1	15 4.96	−22 29.7	1.905	2.902	3.6	19.7
5 11	14 55.09	−22 18.4	1.882	2.888	2.1	19.5
5 21	14 45.40	−22 0.9	1.886	2.874	5.4	19.7
5 31	14 36.89	−21 41.0	1.917	2.859	9.2	19.9
6 10	14 30.32	−21 23.0	1.972	2.844	12.6	20.1

330022 2005 UM_{108} 5 7.5 264.°25 1.°5/ 6.3 17

4 1	15 22.46	−17 48.9	1.834	2.667	14.3	21.5
4 11	15 18.46	−16 42.5	1.740	2.653	11.0	21.2
4 21	15 12.16	−15 22.8	1.669	2.640	7.1	20.9
5 1	15 4.20	−13 53.6	1.623	2.625	2.9	20.6
5 11	14 55.53	−12 21.2	1.605	2.611	2.6	20.6
5 21	14 47.17	−10 52.9	1.615	2.597	7.0	20.8
5 31	14 40.13	− 9 35.9	1.651	2.582	11.2	21.0
6 10	14 35.12	− 8 35.3	1.709	2.567	14.9	21.2

410724 2009 BW_{100} 5 7.5 339.°01 0.°5/ 7.2 17

4 1	15 22.86	−17 54.4	1.252	2.107	18.3	21.1
4 11	15 19.73	−17 35.3	1.177	2.101	14.2	20.8
4 21	15 13.45	−17 3.9	1.121	2.095	9.2	20.5
5 1	15 4.83	−16 22.6	1.088	2.091	3.7	20.1
5 11	14 55.20	−15 36.6	1.078	2.086	2.3	20.0
5 21	14 46.06	−14 52.5	1.092	2.083	8.0	20.3
5 31	14 38.80	−14 17.2	1.129	2.080	13.2	20.6
6 10	14 34.39	−13 56.0	1.185	2.077	17.8	20.9

100044 1991 TX 5 7.5 241.°13 7.°6/ 3.1 18

4 1	15 31.15	+ 4 18.5	2.098	2.909	13.6	19.8
4 11	15 24.77	+ 4 51.9	2.006	2.891	11.2	19.6
4 21	15 16.12	+ 5 17.0	1.937	2.872	8.9	19.4
5 1	15 5.79	+ 5 28.4	1.894	2.853	7.6	19.3
5 11	14 54.68	+ 5 21.5	1.878	2.833	8.2	19.3
5 21	14 43.80	+ 4 54.2	1.890	2.811	10.4	19.4
5 31	14 34.11	+ 4 6.3	1.927	2.790	13.2	19.5
6 10	14 26.37	+ 3 0.1	1.986	2.767	15.9	19.7

145830 1998 VY_{56} 5 7.5 214.°30 0.°7/ 7.0 18

4 1	15 26.49	−16 33.7	2.241	3.057	12.6	21.8
4 11	15 21.12	−16 13.1	2.145	3.048	9.7	21.6
4 21	15 13.70	−15 45.4	2.072	3.039	6.3	21.4
5 1	15 4.79	−15 12.3	2.027	3.028	2.5	21.1
5 11	14 55.24	−14 36.8	2.010	3.017	1.7	21.0
5 21	14 45.94	−14 2.5	2.023	3.006	5.6	21.3
5 31	14 37.76	−13 33.3	2.063	2.993	9.3	21.5
6 10	14 31.37	−13 12.4	2.126	2.980	12.5	21.7

408136 2013 CU_{70} 5 7.5 357.°58 4.°0/ 5.3 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.79	−13 1.7	1.105	1.977	19.0	21.1
4 11	15 18.26	−11 57.3	1.040	1.975	14.5	20.8
4 21	15 12.51	−10 42.2	0.995	1.973	9.5	20.5
5 1	15 4.43	− 9 23.7	0.971	1.972	4.8	20.2
5 11	14 55.45	− 8 11.6	0.970	1.971	5.4	20.2
5 21	14 47.09	− 7 14.7	0.991	1.972	10.3	20.5
5 31	14 40.72	− 6 39.9	1.034	1.973	15.3	20.8
6 10	14 37.25	− 6 29.7	1.094	1.975	19.7	21.1

155786 2000 SD_{358} 5 7.5 261.°58 4.°5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 15.00	+ 7 33.8	4.640	5.444	6.8	19.8
4 11	15 11.38	+ 8 4.0	4.564	5.436	5.7	19.7
4 21	15 6.94	+ 8 28.9	4.514	5.429	4.8	19.7
5 1	15 1.97	+ 8 46.5	4.490	5.421	4.5	19.6
5 11	14 56.80	+ 8 55.0	4.494	5.413	4.9	19.6
5 21	14 51.76	+ 8 53.4	4.525	5.406	5.8	19.7
5 31	14 47.16	+ 8 41.2	4.582	5.398	6.9	19.8
6 10	14 43.30	+ 8 18.8	4.661	5.390	8.1	19.9

271801 2004 TD_{78} 5 7.5 205.°90 1.°4/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.29	−22 32.9	1.985	2.799	14.1	21.0
4 11	15 19.71	−22 20.2	1.898	2.797	11.0	20.8
4 21	15 12.90	−21 55.5	1.834	2.795	7.4	20.6
5 1	15 4.49	−21 19.7	1.795	2.793	3.5	20.3
5 11	14 55.43	−20 35.7	1.783	2.790	1.7	20.2
5 21	14 46.74	−19 47.5	1.799	2.788	5.5	20.4
5 31	14 39.35	−19 0.5	1.841	2.785	9.4	20.7
6 10	14 33.98	−18 19.6	1.907	2.782	12.8	20.9

471822 2012 XZ_5 5 7.5 214.°47 3.°0/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.71	− 9 29.5	2.364	3.196	11.6	21.7
4 11	15 17.25	− 8 47.8	2.280	3.192	8.8	21.5
4 21	15 11.08	− 8 3.6	2.220	3.187	5.9	21.3
5 1	15 3.70	− 7 20.2	2.187	3.182	3.4	21.1
5 11	14 55.86	− 6 41.8	2.182	3.178	3.7	21.2
5 21	14 48.30	− 6 11.6	2.206	3.172	6.5	21.3
5 31	14 41.72	− 5 52.5	2.256	3.167	9.5	21.5
6 10	14 36.69	− 5 46.0	2.329	3.161	12.3	21.7

182625 2001 UF_{114} 5 7.5 319.°62 1.°0/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 14.33	−15 10.5	4.076	4.894	7.4	19.4
4 11	15 11.01	−14 22.6	3.983	4.889	5.6	19.3
4 21	15 6.77	−13 30.4	3.916	4.884	3.5	19.1
5 1	15 1.92	−12 36.0	3.878	4.879	1.5	19.0
5 11	14 56.84	−11 41.9	3.870	4.874	1.5	19.0
5 21	14 51.92	−10 50.3	3.892	4.869	3.5	19.1
5 31	14 47.53	−10 3.6	3.944	4.864	5.6	19.3
6 10	14 43.97	− 9 23.6	4.021	4.859	7.4	19.4

242429 2004 NV_{20} 5 7.5 202.°77 5.°1/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.19	−38 4.8	3.069	3.791	11.6	20.8
4 11	15 19.10	−38 10.8	2.967	3.787	9.9	20.7
4 21	15 12.25	−38 1.8	2.887	3.782	7.9	20.6
5 1	15 4.18	−37 36.3	2.832	3.777	6.1	20.4
5 11	14 55.64	−36 54.6	2.804	3.772	5.1	20.3
5 21	14 47.38	−35 59.0	2.805	3.766	5.6	20.4
5 31	14 40.13	−34 53.5	2.833	3.760	7.2	20.5
6 10	14 34.46	−33 43.2	2.887	3.754	9.2	20.6

85415 1996 VE_{38} 5 7.5 284.°59 0.°9/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.71	−14 27.6	1.912	2.736	14.2	19.4
4 11	15 23.55	−14 34.3	1.795	2.703	11.1	19.1
4 21	15 15.75	−14 37.1	1.700	2.668	7.3	18.8
5 1	15 5.82	−14 36.7	1.632	2.634	3.0	18.5
5 11	14 54.66	−14 35.2	1.591	2.598	2.1	18.3
5 21	14 43.41	−14 35.0	1.578	2.562	6.7	18.5
5 31	14 33.28	−14 39.2	1.592	2.526	11.3	18.7
6 10	14 25.25	−14 51.0	1.628	2.489	15.3	18.9

115729 2003 UY_{183} 5 7.5 265.°67 0.°8/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.01	−16 20.6	1.998	2.828	13.5	20.1
4 11	15 18.69	−15 59.8	1.909	2.821	10.3	19.9
4 21	15 12.23	−15 31.5	1.844	2.813	6.7	19.7
5 1	15 4.24	−14 58.1	1.804	2.806	2.7	19.4
5 11	14 55.60	−14 22.7	1.791	2.799	1.9	19.3
5 21	14 47.26	−13 49.5	1.807	2.791	6.0	19.6
5 31	14 40.12	−13 22.5	1.848	2.784	9.8	19.8
6 10	14 34.87	−13 4.9	1.912	2.776	13.3	20.0

61678 2000 QE_{124} 5 7.5 213.°94 2.°4/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.49	−11 27.2	2.561	3.390	10.9	19.5
4 11	15 16.21	−10 39.1	2.474	3.385	8.3	19.3
4 21	15 10.36	− 9 46.9	2.412	3.380	5.4	19.1
5 1	15 3.43	− 8 54.0	2.378	3.375	2.8	18.9
5 11	14 56.07	− 8 4.2	2.372	3.370	3.1	18.9
5 21	14 48.97	− 7 21.2	2.395	3.365	5.9	19.1
5 31	14 42.78	− 6 48.0	2.445	3.359	8.8	19.3
6 10	14 37.99	− 6 26.6	2.519	3.353	11.4	19.4

397004 2005 SA_{292} 5 7.5 217.°14 1.°5/ 6.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.66	−13 56.3	2.606	3.431	10.8	21.6
4 11	15 16.34	−13 22.8	2.518	3.427	8.2	21.5
4 21	15 10.45	−12 44.4	2.453	3.422	5.3	21.3
5 1	15 3.47	−12 3.7	2.416	3.417	2.3	21.0
5 11	14 56.05	−11 23.7	2.409	3.412	2.2	21.0
5 21	14 48.89	−10 47.7	2.429	3.407	5.2	21.2
5 31	14 42.62	−10 18.8	2.478	3.402	8.2	21.4
6 10	14 37.75	− 9 59.2	2.550	3.396	10.9	21.6

427635 2003 UJ_{204} 5 7.5 213.°52 0.°9/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.70	−16 47.8	2.020	2.841	13.6	22.5
4 11	15 21.49	−16 17.0	1.927	2.834	10.5	22.3
4 21	15 14.05	−15 37.6	1.857	2.825	6.8	22.0
5 1	15 4.99	−14 51.9	1.814	2.816	2.7	21.7
5 11	14 55.23	−14 3.5	1.799	2.806	2.0	21.7
5 21	14 45.77	−13 17.1	1.812	2.795	6.2	21.9
5 31	14 37.57	−12 37.5	1.852	2.784	10.1	22.1
6 10	14 31.34	−12 8.6	1.916	2.771	13.6	22.3

796 Sarita 5 7.5 256.°93 2.°7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.74	−23 43.7	2.330	3.118	13.1	14.2
4 11	15 24.72	−24 19.1	2.213	3.094	10.5	14.0
4 21	15 16.30	−24 46.7	2.120	3.070	7.4	13.7
5 1	15 5.99	−25 4.8	2.053	3.045	4.1	13.5
5 11	14 54.63	−25 12.7	2.016	3.019	2.8	13.3
5 21	14 43.26	−25 11.4	2.008	2.992	5.5	13.5
5 31	14 32.93	−25 3.8	2.028	2.964	9.1	13.6
6 10	14 24.50	−24 54.3	2.073	2.936	12.4	13.8

203442 2001 YY_{81} 5 7.5 40.°21 4.°4/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.65	−27 15.5	1.233	2.063	20.1	19.5
4 11	15 21.97	−27 31.8	1.170	2.073	16.0	19.3
4 21	15 14.90	−27 27.8	1.126	2.083	11.4	19.1
5 1	15 5.41	−27 1.9	1.102	2.094	6.7	18.8
5 11	14 55.04	−26 16.5	1.103	2.106	4.4	18.7
5 21	14 45.44	−25 18.1	1.126	2.118	7.6	18.9
5 31	14 38.03	−24 15.9	1.173	2.130	12.2	19.2
6 10	14 33.71	−23 19.1	1.240	2.143	16.4	19.5

437887 2001 SR_{96} 5 7.5 196.°05 4.°0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.69	− 5 56.0	2.691	3.520	10.4	22.1
4 11	15 16.24	− 4 51.2	2.610	3.518	8.0	22.0
4 21	15 10.32	− 3 45.6	2.554	3.515	5.7	21.8
5 1	15 3.41	− 2 43.1	2.526	3.511	4.1	21.7
5 11	14 56.11	− 1 48.2	2.528	3.508	4.7	21.7
5 21	14 49.07	− 1 4.2	2.557	3.503	6.9	21.9
5 31	14 42.89	− 0 33.9	2.613	3.499	9.4	22.0
6 10	14 38.05	− 0 18.0	2.692	3.493	11.7	22.2

107964 2001 FR_{124} 5 7.5 122.°07 3.°0/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.57	−12 26.5	1.721	2.560	14.9	20.4
4 11	15 20.67	−11 32.4	1.655	2.571	11.3	20.2
4 21	15 13.46	−10 32.4	1.611	2.582	7.3	20.0
5 1	15 4.70	− 9 31.2	1.593	2.592	3.6	19.8
5 11	14 55.44	− 8 34.6	1.602	2.602	3.9	19.9
5 21	14 46.73	− 7 48.0	1.638	2.612	7.6	20.1
5 31	14 39.52	− 7 15.6	1.699	2.621	11.4	20.3
6 10	14 34.44	− 6 59.5	1.782	2.630	14.8	20.6

248405 2005 SL_{103} 5 7.5 260.°41 1.°7/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.74	−13 42.7	2.492	3.319	11.2	21.1
4 11	15 16.55	−13 6.8	2.395	3.305	8.5	20.9
4 21	15 10.67	−12 25.5	2.322	3.291	5.5	20.7
5 1	15 3.59	−11 41.5	2.276	3.277	2.5	20.4
5 11	14 56.00	−10 58.3	2.259	3.263	2.4	20.4
5 21	14 48.61	−10 19.3	2.271	3.248	5.6	20.6
5 31	14 42.13	− 9 48.0	2.310	3.234	8.8	20.8
6 10	14 37.12	− 9 26.9	2.372	3.219	11.6	20.9

219559 2001 RK_{154} 5 7.5 172.°40 7.°5/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 32.47	−39 1.8	2.281	3.005	15.1	21.6
4 11	15 26.25	−39 56.2	2.193	3.008	13.0	21.5
4 21	15 17.32	−40 33.1	2.124	3.011	10.7	21.3
5 1	15 6.37	−40 48.0	2.079	3.013	8.6	21.2
5 11	14 54.50	−40 39.3	2.060	3.015	7.6	21.1
5 21	14 42.97	−40 8.1	2.067	3.016	8.1	21.1
5 31	14 32.97	−39 19.6	2.100	3.016	9.9	21.3
6 10	14 25.37	−38 20.9	2.157	3.016	12.2	21.4

469871 2005 UU_{75} 5 7.5 165.°63 4.°7/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.43	−35 31.4	2.751	3.496	12.3	21.3
4 11	15 18.62	−35 32.5	2.659	3.498	10.3	21.1
4 21	15 11.98	−35 18.1	2.588	3.500	8.0	20.9
5 1	15 4.10	−34 47.1	2.542	3.502	5.9	20.8
5 11	14 55.75	−34 0.5	2.524	3.504	4.7	20.7
5 21	14 47.74	−33 1.1	2.534	3.506	5.4	20.8
5 31	14 40.84	−31 53.5	2.571	3.507	7.5	20.9
6 10	14 35.59	−30 43.1	2.634	3.508	9.8	21.1

383948 2008 SH_{274} 5 7.5 324.°60 1.°9/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.67	−23 27.0	1.822	2.640	15.0	20.9
4 11	15 19.49	−23 23.1	1.738	2.638	11.8	20.7
4 21	15 12.88	−23 6.3	1.675	2.636	8.0	20.5
5 1	15 4.55	−22 37.0	1.637	2.634	4.0	20.2
5 11	14 55.49	−21 57.7	1.625	2.632	2.2	20.1
5 21	14 46.82	−21 12.5	1.640	2.630	5.8	20.3
5 31	14 39.56	−20 27.2	1.680	2.628	9.8	20.6
6 10	14 34.46	−19 47.3	1.744	2.626	13.5	20.8

370159 2001 YW_{126} 5 7.5 191.°81 1.°3/ 8.5 17

4 1	15 26.83	−22 20.1	2.563	3.358	11.8	22.8
4 11	15 21.16	−22 15.4	2.468	3.356	9.2	22.6
4 21	15 13.63	−22 1.6	2.397	3.354	6.2	22.4
5 1	15 4.78	−21 39.1	2.353	3.350	3.0	22.2
5 11	14 55.38	−21 9.5	2.338	3.346	1.6	22.1
5 21	14 46.25	−20 35.7	2.354	3.340	4.6	22.3
5 31	14 38.17	−20 1.3	2.397	3.334	7.8	22.5
6 10	14 31.73	−19 30.3	2.466	3.328	10.8	22.6

164258 2004 TF_{278} 5 7.5 318.°39 1.°4/ 6.9 17

4 1	15 23.97	−15 21.5	1.258	2.115	18.1	19.9
4 11	15 20.68	−15 9.3	1.178	2.103	14.0	19.6
4 21	15 14.18	−14 48.4	1.117	2.092	9.1	19.3
5 1	15 5.22	−14 21.4	1.079	2.082	3.7	18.9
5 11	14 55.11	−13 52.9	1.064	2.072	2.8	18.8
5 21	14 45.38	−13 28.4	1.074	2.062	8.4	19.1
5 31	14 37.48	−13 13.6	1.105	2.053	13.7	19.4
6 10	14 32.46	−13 12.7	1.156	2.045	18.4	19.6

461660 2005 GR_{121} 5 7.5 313.°99 5.°1/ 9.9 17

4 1	15 26.13	−27 14.4	1.422	2.241	18.4	21.4
4 11	15 22.39	−27 56.4	1.335	2.230	15.0	21.1
4 21	15 15.36	−28 23.1	1.267	2.220	11.0	20.8
5 1	15 5.73	−28 31.0	1.222	2.210	6.9	20.6
5 11	14 54.82	−28 19.3	1.200	2.200	5.1	20.4
5 21	14 44.19	−27 50.7	1.203	2.190	7.9	20.6
5 31	14 35.40	−27 11.9	1.229	2.181	12.2	20.8
6 10	14 29.58	−26 31.3	1.275	2.173	16.4	21.0

475499 2006 SU_{295} 5 7.5 218.°62 2.°8/ 9.6 16

4 1	15 24.58	−26 9.3	2.415	3.206	12.6	22.0
4 11	15 19.68	−26 24.1	2.321	3.202	10.1	21.8
4 21	15 12.80	−26 28.2	2.250	3.197	7.1	21.6
5 1	15 4.48	−26 20.8	2.204	3.193	4.2	21.4
5 11	14 55.55	−26 2.8	2.187	3.188	2.9	21.3
5 21	14 46.85	−25 36.5	2.198	3.184	5.0	21.4
5 31	14 39.25	−25 5.8	2.236	3.178	8.1	21.6
6 10	14 33.39	−24 34.9	2.299	3.173	11.0	21.8

38447 1999 SO_{18} 5 7.5 239.°45 3.°3/ 4.9 18

4 1	15 21.81	− 7 2.0	2.537	3.366	11.0	19.3
4 11	15 17.25	− 6 34.4	2.450	3.359	8.4	19.2
4 21	15 11.07	− 6 6.7	2.387	3.352	5.7	19.0
5 1	15 3.75	− 5 41.9	2.352	3.345	3.6	18.8
5 11	14 55.96	− 5 23.1	2.345	3.337	3.9	18.8
5 21	14 48.41	− 5 12.9	2.367	3.329	6.4	19.0
5 31	14 41.76	− 5 13.1	2.415	3.322	9.2	19.1
6 10	14 36.54	− 5 24.5	2.486	3.314	11.8	19.3

496206 2011 SW_{174} 5 7.5 215.°11 3.°1/ 4.5 17

4 1	15 20.58	− 8 55.6	2.625	3.454	10.6	21.8
4 11	15 16.25	− 8 3.1	2.538	3.448	8.1	21.6
4 21	15 10.38	− 7 8.1	2.476	3.442	5.5	21.4
5 1	15 3.46	− 6 14.1	2.443	3.436	3.3	21.2
5 11	14 56.12	− 5 25.2	2.438	3.429	3.8	21.3
5 21	14 49.03	− 4 44.7	2.461	3.422	6.3	21.4
5 31	14 42.81	− 4 15.5	2.511	3.415	9.0	21.6
6 10	14 37.96	− 3 59.2	2.585	3.407	11.5	21.7

316355 2010 RD_{174} 5 7.5 276.°86 2.°5/ 9.0 17

4 1	15 25.61	−24 39.9	1.574	2.395	16.9	21.4
4 11	15 21.35	−24 37.0	1.494	2.395	13.4	21.1
4 21	15 14.27	−24 18.4	1.435	2.395	9.2	20.9
5 1	15 5.16	−23 44.1	1.399	2.395	4.8	20.6
5 11	14 55.21	−22 56.6	1.388	2.395	2.7	20.5
5 21	14 45.75	−22 1.3	1.404	2.395	6.5	20.7
5 31	14 37.98	−21 5.4	1.445	2.395	10.9	21.0
6 10	14 32.75	−20 15.7	1.507	2.395	14.9	21.2

248572 2006 AA_{92} 5 7.5 101.°83 2.°0/ 9.3 17

4 1	15 21.54	−24 59.2	2.673	3.468	11.4	20.9
4 11	15 17.05	−24 56.9	2.589	3.474	9.0	20.8
4 21	15 10.92	−24 44.7	2.529	3.481	6.2	20.6
5 1	15 3.68	−24 23.0	2.495	3.488	3.4	20.4
5 11	14 56.02	−23 53.3	2.490	3.494	2.0	20.3
5 21	14 48.65	−23 18.5	2.513	3.501	4.3	20.5
5 31	14 42.26	−22 42.0	2.564	3.507	7.1	20.7
6 10	14 37.37	−22 7.6	2.641	3.513	9.8	20.9

495578 2014 XD_{19} 5 7.5 228.°32 0.°4/ 7.3 17

	h m	° ′			°	m
4 1	15 29.51	−16 15.9	1.986	2.804	14.0	21.8
4 11	15 23.82	−16 13.6	1.887	2.791	10.8	21.6
4 21	15 15.69	−16 5.1	1.811	2.778	7.1	21.3
5 1	15 5.73	−15 51.3	1.762	2.763	2.8	21.0
5 11	14 54.88	−15 34.5	1.740	2.748	1.7	20.9
5 21	14 44.24	−15 17.8	1.747	2.732	6.1	21.2
5 31	14 34.86	−15 4.8	1.781	2.715	10.3	21.4
6 10	14 27.56	−14 59.0	1.839	2.698	14.0	21.6

254561 2005 EU_{296} 5 7.5 313.°33 1.°8/ 8.3 17

4 1	15 24.68	−20 25.1	1.369	2.211	17.8	20.7
4 11	15 21.27	−20 47.5	1.278	2.193	14.1	20.4
4 21	15 14.66	−20 59.6	1.207	2.175	9.5	20.1
5 1	15 5.48	−21 0.6	1.158	2.158	4.5	19.8
5 11	14 54.98	−20 51.7	1.133	2.141	2.4	19.6
5 21	14 44.65	−20 36.0	1.132	2.124	7.4	19.8
5 31	14 36.03	−20 19.2	1.155	2.108	12.7	20.1
6 10	14 30.26	−20 7.4	1.197	2.093	17.3	20.3

28025 1998 BD_{41} 5 7.5 132.°63 0.°5/ 7.9 18

4 1	15 27.96	−19 36.0	2.370	3.175	12.4	19.9
4 11	15 21.94	−19 27.6	2.297	3.192	9.5	19.8
4 21	15 14.05	−19 11.4	2.248	3.210	6.2	19.6
5 1	15 4.92	−18 48.3	2.226	3.226	2.6	19.4
5 11	14 55.39	−18 20.7	2.233	3.242	1.3	19.3
5 21	14 46.29	−17 51.6	2.270	3.256	4.8	19.6
5 31	14 38.40	−17 24.5	2.335	3.270	8.1	19.8
6 10	14 32.27	−17 2.8	2.425	3.284	11.0	20.0

182178 2000 SR_{282} 5 7.5 255.°17 1.°1/ 5.7 17 R

4 1	15 13.95	−13 29.7	4.622	5.440	6.6	20.0
4 11	15 10.64	−12 46.9	4.526	5.433	4.9	19.9
4 21	15 6.52	−12 1.1	4.457	5.425	3.2	19.7
5 1	15 1.86	−11 14.1	4.418	5.417	1.5	19.6
5 11	14 57.00	−10 27.8	4.408	5.410	1.5	19.6
5 21	14 52.26	− 9 44.2	4.429	5.402	3.3	19.7
5 31	14 47.98	− 9 5.2	4.479	5.394	5.1	19.8
6 10	14 44.42	− 8 32.2	4.554	5.386	6.7	20.0

137599 1999 VN_{164} 5 7.5 164.°20 0.°9/ 8.1 17

4 1	15 25.99	−22 9.1	1.830	2.647	15.0	20.6
4 11	15 21.12	−21 39.7	1.749	2.651	11.7	20.3
4 21	15 13.85	−20 56.8	1.690	2.654	7.7	20.1
5 1	15 4.93	−20 2.1	1.657	2.657	3.4	19.8
5 11	14 55.38	−18 59.6	1.651	2.659	1.6	19.7
5 21	14 46.30	−17 54.8	1.672	2.661	5.9	20.0
5 31	14 38.70	−16 54.0	1.720	2.663	10.0	20.3
6 10	14 33.28	−16 2.9	1.791	2.664	13.7	20.5

161764 2006 TV_{49} 5 7.5 97.°66 2.°7/ 5.1 18

4 1	15 20.51	−11 38.0	2.285	3.119	11.8	20.1
4 11	15 16.35	−10 42.6	2.212	3.126	9.0	19.9
4 21	15 10.49	− 9 42.8	2.163	3.133	5.8	19.7
5 1	15 3.51	− 8 42.7	2.142	3.140	3.1	19.6
5 11	14 56.14	− 7 46.8	2.149	3.147	3.5	19.6
5 21	14 49.14	− 6 59.2	2.184	3.153	6.3	19.8
5 31	14 43.19	− 6 23.3	2.245	3.160	9.4	20.0
6 10	14 38.79	− 6 0.8	2.329	3.167	12.1	20.2

274676 2008 UA_8 5 7.5 53.°09 0.°7/ 6.9 17

4 1	15 22.78	−17 26.2	1.842	2.674	14.3	20.8
4 11	15 18.61	−16 53.8	1.763	2.676	10.9	20.6
4 21	15 12.21	−16 12.0	1.707	2.677	7.0	20.3
5 1	15 4.26	−15 23.6	1.677	2.679	2.8	20.1
5 11	14 55.73	−14 33.0	1.673	2.681	1.9	20.0
5 21	14 47.61	−13 45.1	1.697	2.682	6.2	20.3
5 31	14 40.83	−13 4.8	1.746	2.684	10.2	20.5
6 10	14 36.07	−12 35.9	1.817	2.685	13.7	20.7

4506 Hendrie 5 7.5 347.°93 0.°5/ 7.2 18 R

4 1	15 23.22	−16 45.9	2.021	2.849	13.4	17.2
4 11	15 18.79	−16 33.7	1.938	2.848	10.3	17.0
4 21	15 12.28	−16 14.5	1.879	2.848	6.6	16.7
5 1	15 4.29	−15 50.1	1.846	2.848	2.6	16.5
5 11	14 55.72	−15 23.6	1.840	2.847	1.7	16.4
5 21	14 47.49	−14 58.2	1.861	2.847	5.7	16.7
5 31	14 40.47	−14 37.8	1.909	2.847	9.5	16.9
6 10	14 35.32	−14 25.4	1.980	2.847	12.8	17.1

240785 2005 TO_{188} 5 7.5 219.°33 1.°7/ 6.2 18

4 1	15 21.50	−12 59.6	2.510	3.336	11.2	21.0
4 11	15 17.06	−12 33.8	2.423	3.332	8.5	20.8
4 21	15 10.97	−12 4.1	2.360	3.328	5.5	20.6
5 1	15 3.73	−11 32.7	2.324	3.324	2.5	20.4
5 11	14 56.03	−11 2.8	2.316	3.320	2.4	20.4
5 21	14 48.58	−10 37.2	2.337	3.315	5.4	20.6
5 31	14 42.07	−10 18.7	2.386	3.310	8.5	20.8
6 10	14 37.02	−10 9.4	2.458	3.305	11.3	20.9

205293 2000 SH_{249} 5 7.5 236.°45 5.°5/ 3.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.98	− 6 59.7	1.696	2.540	14.8	20.8
4 11	15 20.49	− 5 46.7	1.613	2.530	11.5	20.6
4 21	15 13.57	− 4 30.2	1.553	2.519	8.1	20.3
5 1	15 4.87	− 3 16.7	1.518	2.507	5.6	20.2
5 11	14 55.42	− 2 13.5	1.510	2.495	6.5	20.2
5 21	14 46.30	− 1 26.9	1.527	2.483	9.8	20.3
5 31	14 38.57	− 1 0.8	1.568	2.470	13.5	20.5
6 10	14 33.00	− 0 56.6	1.630	2.457	16.9	20.7

249251 2008 RO_{120} 5 7.5 237.°93 1.°2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.39	−21 45.2	2.080	2.893	13.6	21.3
4 11	15 19.79	−21 36.3	1.986	2.885	10.6	21.1
4 21	15 12.99	−21 16.6	1.915	2.877	7.1	20.8
5 1	15 4.62	−20 47.0	1.870	2.869	3.3	20.6
5 11	14 55.56	−20 9.7	1.852	2.860	1.6	20.4
5 21	14 46.78	−19 28.6	1.863	2.851	5.4	20.7
5 31	14 39.21	−18 48.4	1.899	2.842	9.2	20.9
6 10	14 33.56	−18 13.7	1.960	2.833	12.6	21.1

337804 2001 UN_{216} 5 7.5 326.°63 0.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.51	−20 48.0	4.289	5.083	7.5	20.1
4 11	15 14.20	−21 2.4	4.193	5.081	5.8	20.0
4 21	15 8.87	−21 12.5	4.123	5.080	3.8	19.9
5 1	15 2.85	−21 18.7	4.081	5.078	1.8	19.7
5 11	14 56.53	−21 21.5	4.070	5.077	1.0	19.6
5 21	14 50.33	−21 22.0	4.089	5.076	2.8	19.8
5 31	14 44.65	−21 21.4	4.137	5.074	4.8	19.9
6 10	14 39.84	−21 21.4	4.212	5.073	6.7	20.1

169964 2002 TD_{130} 5 7.5 252.°27 3.°6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.79	− 8 5.8	2.113	2.949	12.6	19.8
4 11	15 18.33	− 7 30.7	2.029	2.943	9.7	19.6
4 21	15 11.93	− 6 54.3	1.969	2.936	6.5	19.4
5 1	15 4.16	− 6 20.3	1.935	2.930	3.9	19.2
5 11	14 55.83	− 5 52.8	1.929	2.923	4.3	19.2
5 21	14 47.78	− 5 35.2	1.950	2.916	7.3	19.4
5 31	14 40.84	− 5 29.9	1.997	2.909	10.5	19.6
6 10	14 35.62	− 5 38.2	2.066	2.903	13.5	19.8

136507 2005 KV_5 5 7.5 81.°69 3.°5/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.35	−26 2.0	1.571	2.385	17.2	19.6
4 11	15 22.67	−26 17.4	1.498	2.392	13.7	19.4
4 21	15 15.12	−26 17.2	1.445	2.400	9.7	19.1
5 1	15 5.52	−26 0.2	1.415	2.407	5.5	18.9
5 11	14 55.12	−25 28.0	1.411	2.415	3.6	18.8
5 21	14 45.27	−24 45.3	1.433	2.422	6.6	19.0
5 31	14 37.22	−23 58.5	1.480	2.429	10.7	19.3
6 10	14 31.77	−23 14.9	1.549	2.437	14.5	19.5

38022 1998 MS_7 5 7.5 204.°39 5.°7/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.52	+ 0 52.6	2.654	3.480	10.6	20.0
4 11	15 16.16	+ 1 48.5	2.579	3.477	8.5	19.8
4 21	15 10.30	+ 2 40.6	2.529	3.474	6.6	19.7
5 1	15 3.45	+ 3 24.3	2.506	3.471	5.7	19.7
5 11	14 56.22	+ 3 55.8	2.511	3.467	6.3	19.7
5 21	14 49.25	+ 4 12.5	2.542	3.463	8.1	19.8
5 31	14 43.14	+ 4 13.2	2.598	3.459	10.2	19.9
6 10	14 38.36	+ 3 58.1	2.677	3.455	12.3	20.1

279297 2009 WN_{142} 5 7.5 156.°15 2.°0/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.32	−23 7.6	1.960	2.770	14.4	21.2
4 11	15 21.34	−23 14.6	1.878	2.773	11.3	21.0
4 21	15 14.02	−23 10.5	1.817	2.775	7.7	20.8
5 1	15 5.03	−22 55.2	1.782	2.778	3.9	20.5
5 11	14 55.38	−22 30.3	1.774	2.780	2.2	20.4
5 21	14 46.11	−21 59.3	1.793	2.782	5.6	20.6
5 31	14 38.20	−21 26.8	1.840	2.784	9.3	20.9
6 10	14 32.40	−20 57.8	1.909	2.786	12.8	21.1

153127 2000 SV_{130} 5 7.5 66.°66 5.°6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.21	−34 29.1	1.755	2.533	17.1	19.4
4 11	15 20.88	−34 24.0	1.677	2.541	14.1	19.3
4 21	15 13.86	−33 56.2	1.619	2.549	10.8	19.1
5 1	15 4.97	−33 4.2	1.584	2.556	7.5	18.9
5 11	14 55.44	−31 50.0	1.574	2.564	5.6	18.8
5 21	14 46.53	−30 19.6	1.590	2.572	6.9	18.9
5 31	14 39.35	−28 41.5	1.632	2.580	10.0	19.1
6 10	14 34.63	−27 5.2	1.698	2.589	13.3	19.3

466257 2013 JX_{30} 5 7.5 282.°54 6.°6/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.82	− 3 59.9	1.589	2.435	15.6	20.9
4 11	15 21.55	− 3 4.4	1.493	2.408	12.4	20.6
4 21	15 14.54	− 2 8.5	1.418	2.380	9.0	20.3
5 1	15 5.39	− 1 18.8	1.367	2.353	6.7	20.1
5 11	14 55.13	− 0 42.7	1.342	2.324	7.6	20.1
5 21	14 44.98	− 0 25.7	1.341	2.296	11.0	20.2
5 31	14 36.20	− 0 31.4	1.364	2.267	15.0	20.4
6 10	14 29.74	− 1 0.3	1.405	2.238	18.8	20.6

336317 2008 TD_{59} 5 7.5 92.°47 0.°1/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.52	−17 37.3	1.921	2.747	14.0	21.2
4 11	15 19.87	−17 28.0	1.843	2.752	10.8	21.0
4 21	15 13.01	−17 11.1	1.789	2.757	7.0	20.8
5 1	15 4.62	−16 48.0	1.759	2.761	2.8	20.5
5 11	14 55.63	−16 21.6	1.758	2.766	1.5	20.4
5 21	14 47.05	−15 55.7	1.783	2.770	5.8	20.7
5 31	14 39.80	−15 34.1	1.835	2.775	9.7	21.0
6 10	14 34.54	−15 20.2	1.910	2.779	13.1	21.2

297549 2001 QG_{203} 5 7.5 259.°37 5.°2/ 4.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.76	− 7 31.1	1.538	2.384	16.0	21.6
4 11	15 22.26	− 6 38.9	1.449	2.367	12.5	21.3
4 21	15 14.97	− 5 43.5	1.381	2.349	8.6	21.0
5 1	15 5.54	− 4 50.7	1.337	2.330	5.5	20.8
5 11	14 55.09	− 4 7.5	1.320	2.312	6.2	20.8
5 21	14 44.89	− 3 39.6	1.327	2.292	10.0	21.0
5 31	14 36.18	− 3 31.3	1.358	2.272	14.3	21.2
6 10	14 29.91	− 3 43.9	1.408	2.252	18.2	21.3

121259 1999 RC_{95} 5 7.5 312.°54 4.°2/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.55	−26 23.4	1.693	2.504	16.3	19.3
4 11	15 21.46	−27 2.1	1.600	2.491	13.2	19.1
4 21	15 14.53	−27 28.2	1.526	2.478	9.6	18.8
5 1	15 5.40	−27 39.2	1.477	2.465	5.9	18.6
5 11	14 55.16	−27 34.5	1.453	2.453	4.3	18.4
5 21	14 45.13	−27 16.2	1.454	2.441	6.9	18.6
5 31	14 36.60	−26 49.4	1.480	2.429	10.8	18.8
6 10	14 30.56	−26 20.7	1.529	2.418	14.6	19.0

502249 2015 BE_{102} 5 7.5 169.°82 3.°3/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.78	−10 14.0	1.965	2.802	13.4	21.9
4 11	15 19.16	− 9 25.6	1.889	2.804	10.2	21.7
4 21	15 12.49	− 8 33.5	1.837	2.805	6.8	21.5
5 1	15 4.39	− 7 42.0	1.810	2.807	3.8	21.3
5 11	14 55.77	− 6 56.1	1.811	2.808	4.2	21.3
5 21	14 47.54	− 6 20.1	1.840	2.809	7.4	21.5
5 31	14 40.55	− 5 57.4	1.893	2.809	10.8	21.7
6 10	14 35.42	− 5 49.7	1.969	2.809	13.9	21.9

227377 2005 UV_{238} 5 7.5 149.°39 3.°5/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.30	− 7 12.5	1.914	2.744	13.9	20.6
4 11	15 22.66	− 7 5.1	1.838	2.748	10.7	20.4
4 21	15 14.78	− 6 58.8	1.786	2.752	7.2	20.2
5 1	15 5.33	− 6 56.5	1.760	2.755	4.1	20.0
5 11	14 55.28	− 7 1.3	1.761	2.758	4.2	20.0
5 21	14 45.63	− 7 15.0	1.791	2.761	7.4	20.2
5 31	14 37.33	− 7 39.2	1.846	2.764	10.9	20.4
6 10	14 31.06	− 8 14.0	1.924	2.766	14.1	20.6

23366 1043 $T\text{-}_2$ 5 7.5 97.°24 1.°3/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.30	−22 1.0	1.646	2.466	16.3	19.4
4 11	15 23.00	−21 50.6	1.582	2.484	12.6	19.2
4 21	15 15.09	−21 27.4	1.539	2.502	8.4	19.0
5 1	15 5.44	−20 52.3	1.520	2.519	3.8	18.8
5 11	14 55.25	−20 8.9	1.528	2.536	1.8	18.7
5 21	14 45.72	−19 22.4	1.564	2.553	6.1	19.0
5 31	14 37.91	−18 38.6	1.625	2.570	10.3	19.3
6 10	14 32.51	−18 2.8	1.708	2.585	14.0	19.5

188296 2003 CK_4 5 7.5 92.°43 1.°7/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.78	−13 56.7	1.730	2.565	15.0	20.1
4 11	15 21.62	−13 36.0	1.667	2.580	11.4	19.9
4 21	15 14.11	−13 9.8	1.625	2.596	7.3	19.7
5 1	15 5.04	−12 41.1	1.610	2.611	3.1	19.4
5 11	14 55.47	−12 13.6	1.621	2.626	2.7	19.4
5 21	14 46.46	−11 51.3	1.659	2.641	6.7	19.7
5 31	14 38.98	−11 37.8	1.723	2.656	10.6	20.0
6 10	14 33.69	−11 35.3	1.809	2.670	14.0	20.2

128731 2004 RX_{151} 5 7.5 245.°84 2.°9/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.06	−10 42.3	2.261	3.089	12.1	20.7
4 11	15 19.30	−10 0.2	2.162	3.072	9.3	20.4
4 21	15 12.60	− 9 13.8	2.086	3.054	6.2	20.2
5 1	15 4.48	− 8 26.5	2.038	3.035	3.3	20.0
5 11	14 55.71	− 7 42.6	2.018	3.016	3.6	20.0
5 21	14 47.13	− 7 6.1	2.027	2.996	6.8	20.1
5 31	14 39.56	− 6 40.5	2.061	2.976	10.2	20.3
6 10	14 33.66	− 6 28.1	2.119	2.955	13.2	20.5

214848 2006 WS_{94} 5 7.5 273.°76 1.°5/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.04	−13 56.0	2.262	3.090	12.1	21.0
4 11	15 17.75	−13 34.6	2.168	3.079	9.3	20.7
4 21	15 11.58	−13 8.4	2.098	3.067	6.0	20.5
5 1	15 4.06	−12 39.4	2.054	3.056	2.6	20.3
5 11	14 55.94	−12 10.8	2.039	3.044	2.3	20.2
5 21	14 48.05	−11 46.0	2.051	3.032	5.7	20.4
5 31	14 41.17	−11 28.1	2.091	3.020	9.2	20.6
6 10	14 35.93	−11 19.5	2.153	3.009	12.3	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
214089	2004 JK_{20}		5	7.6	305.°26	1.°2/ 6.9 17
	h m	° ′			°	m
4 1	15 23.73	−13 37.0	2.025	2.857	13.2	20.1
4 11	15 19.40	−13 38.8	1.923	2.835	10.2	19.8
4 21	15 12.86	−13 37.0	1.845	2.814	6.6	19.6
5 1	15 4.65	−13 33.3	1.792	2.794	2.8	19.3
5 11	14 55.60	−13 29.8	1.766	2.773	2.2	19.2
5 21	14 46.68	−13 29.2	1.768	2.752	6.2	19.4
5 31	14 38.86	−13 34.1	1.796	2.732	10.1	19.6
6 10	14 32.90	−13 46.8	1.847	2.712	13.6	19.8
57743	2001 UB_{168}		5	7.6	225.°77	5.°4/11.7 18 R
4 1	15 27.58	−34 14.2	2.170	2.930	14.8	19.1
4 11	15 22.46	−34 26.6	2.069	2.920	12.4	18.9
4 21	15 14.87	−34 21.3	1.989	2.910	9.6	18.7
5 1	15 5.45	−33 55.8	1.933	2.900	6.9	18.6
5 11	14 55.22	−33 10.2	1.904	2.889	5.5	18.4
5 21	14 45.30	−32 7.6	1.902	2.878	6.6	18.5
5 31	14 36.76	−30 54.0	1.927	2.866	9.3	18.6
6 10	14 30.41	−29 37.1	1.976	2.853	12.3	18.8
392501	2011 OD_{28}		5	7.6	173.°94	1.°9/ 5.9 17
4 1	15 21.28	−13 43.8	2.448	3.275	11.4	21.7
4 11	15 16.90	−12 56.9	2.366	3.276	8.6	21.5
4 21	15 10.87	−12 4.5	2.308	3.277	5.5	21.3
5 1	15 3.73	−11 9.7	2.278	3.278	2.5	21.1
5 11	14 56.18	−10 16.6	2.277	3.279	2.6	21.1
5 21	14 48.93	− 9 28.9	2.304	3.279	5.6	21.3
5 31	14 42.66	− 8 50.3	2.358	3.280	8.7	21.5
6 10	14 37.89	− 8 22.9	2.437	3.280	11.5	21.7
280998	2006 DB_{126}		5	7.6	345.°35	0.°6/ 7.9 17
4 1	15 17.05	−19 49.0	1.260	2.121	17.9	20.1
4 11	15 15.40	−19 41.6	1.179	2.105	14.0	19.8
4 21	15 10.80	−19 20.5	1.117	2.091	9.3	19.5
5 1	15 3.94	−18 47.2	1.077	2.079	3.9	19.1
5 11	14 56.02	−18 5.9	1.059	2.068	1.9	18.9
5 21	14 48.45	−17 22.6	1.065	2.059	7.4	19.2
5 31	14 42.60	−16 44.5	1.093	2.051	12.7	19.5
6 10	14 39.43	−16 17.8	1.140	2.046	17.3	19.8
68400	2001 QM_{91}		5	7.6	275.°33	1.°6/ 6.2 18
4 1	15 20.63	−15 34.8	2.186	3.017	12.4	19.1
4 11	15 16.71	−14 45.6	2.095	3.007	9.5	18.9
4 21	15 10.91	−13 48.4	2.028	2.998	6.1	18.7
5 1	15 3.80	−12 46.3	1.987	2.989	2.6	18.4
5 11	14 56.14	−11 43.9	1.975	2.980	2.5	18.4
5 21	14 48.75	−10 45.9	1.991	2.970	6.0	18.6
5 31	14 42.43	− 9 57.0	2.033	2.961	9.5	18.8
6 10	14 37.77	− 9 20.5	2.098	2.952	12.7	19.0
73115	2002 GP_{45}		5	7.6	357.°62	4.°5/ 4.9 17
4 1	15 22.16	−10 44.6	1.295	2.158	17.4	18.9
4 11	15 18.92	− 9 41.7	1.228	2.156	13.3	18.7
4 21	15 12.81	− 8 32.3	1.180	2.155	8.8	18.4
5 1	15 4.65	− 7 23.1	1.156	2.154	5.0	18.2
5 11	14 55.70	− 6 22.4	1.156	2.154	5.7	18.2
5 21	14 47.29	− 5 37.4	1.180	2.154	9.9	18.5
5 31	14 40.65	− 5 13.0	1.226	2.155	14.3	18.7
6 10	14 36.58	− 5 11.0	1.291	2.156	18.3	19.0
119528	2001 US_{179}		5	7.6	332.°43	4.°2/ 1.9 18
4 1	15 14.81	+ 1 49.7	3.907	4.729	7.6	18.9
4 11	15 11.44	+ 2 27.9	3.831	4.724	6.1	18.8
4 21	15 7.12	+ 3 2.6	3.779	4.720	4.8	18.7
5 1	15 2.18	+ 3 31.1	3.755	4.715	4.2	18.6
5 11	14 57.00	+ 3 51.3	3.760	4.711	4.6	18.6
5 21	14 51.98	+ 4 1.7	3.791	4.707	5.9	18.7
5 31	14 47.48	+ 4 1.2	3.849	4.703	7.4	18.8
6 10	14 43.83	+ 3 50.0	3.929	4.699	8.8	18.9
499859	2011 EH_{73}		5	7.6	72.°53	8.°0/30.7 17
4 1	15 21.48	− 0 33.3	1.741	2.588	14.4	21.4
4 11	15 17.50	+ 1 22.2	1.688	2.598	11.5	21.2
4 21	15 11.42	+ 3 14.0	1.658	2.608	9.1	21.1
5 1	15 3.97	+ 4 53.3	1.653	2.618	8.0	21.0
5 11	14 56.10	+ 6 11.9	1.674	2.628	9.1	21.1
5 21	14 48.74	+ 7 5.0	1.720	2.638	11.5	21.3
5 31	14 42.72	+ 7 30.6	1.788	2.648	14.2	21.5
6 10	14 38.63	+ 7 30.1	1.875	2.658	16.7	21.7
384122	2008 XL_{32}		5	7.6	198.°36	1.°4/ 8.6 17
4 1	15 24.42	−22 42.3	2.267	3.072	12.9	22.5
4 11	15 19.61	−22 34.1	2.176	3.070	10.1	22.3
4 21	15 12.80	−22 15.5	2.109	3.068	6.8	22.1
5 1	15 4.57	−21 47.0	2.068	3.065	3.3	21.8
5 11	14 55.76	−21 10.9	2.055	3.062	1.7	21.7
5 21	14 47.25	−20 30.5	2.070	3.059	5.0	21.9
5 31	14 39.88	−19 50.1	2.113	3.055	8.5	22.1
6 10	14 34.30	−19 14.2	2.180	3.051	11.6	22.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
249610	1999 RJ_{176}		5	7.6	224.°77	2.°6/ 9.3 17
	h m	° ′			°	m
4 1	15 28.95	−25 36.6	2.163	2.954	13.9	21.8
4 11	15 23.38	−25 40.0	2.059	2.941	11.1	21.6
4 21	15 15.43	−25 30.8	1.977	2.928	7.8	21.4
5 1	15 5.70	−25 8.3	1.921	2.913	4.3	21.1
5 11	14 55.14	−24 33.6	1.894	2.898	2.7	21.0
5 21	14 44.78	−23 49.8	1.895	2.882	5.5	21.1
5 31	14 35.68	−23 2.0	1.923	2.864	9.2	21.3
6 10	14 28.61	−22 16.0	1.976	2.846	12.7	21.5
77928	2002 GF_3		5	7.6	328.°75	4.°7/ 8.7 17
4 1	15 22.89	−21 56.3	1.086	1.943	20.4	19.0
4 11	15 20.97	−23 9.9	0.995	1.915	16.5	18.7
4 21	15 15.20	−24 17.2	0.921	1.889	11.8	18.3
5 1	15 6.04	−25 13.9	0.867	1.863	6.8	18.0
5 11	14 54.81	−25 56.5	0.835	1.839	4.9	17.7
5 21	14 43.38	−26 23.8	0.824	1.816	9.3	17.9
5 31	14 33.89	−26 39.4	0.833	1.795	15.0	18.1
6 10	14 28.02	−26 50.2	0.860	1.776	20.4	18.3
292406	2006 SE_{286}		5	7.6	199.°87	5.°4/12.6 18
4 1	15 26.65	−37 32.4	3.023	3.745	11.8	21.2
4 11	15 21.13	−37 59.1	2.922	3.741	10.0	21.0
4 21	15 13.71	−38 11.8	2.843	3.737	8.1	20.9
5 1	15 4.93	−38 8.5	2.789	3.732	6.3	20.8
5 11	14 55.56	−37 48.7	2.762	3.726	5.4	20.7
5 21	14 46.42	−37 14.1	2.763	3.720	5.9	20.7
5 31	14 38.29	−36 28.0	2.792	3.713	7.5	20.8
6 10	14 31.80	−35 35.3	2.846	3.706	9.5	20.9
167727	2004 VH_{79}		5	7.6	235.°91	1.°2/ 6.8 17
4 1	15 26.00	−17 10.1	1.653	2.487	15.6	21.5
4 11	15 21.50	−16 29.1	1.564	2.477	12.0	21.3
4 21	15 14.37	−15 36.6	1.497	2.467	7.8	21.0
5 1	15 5.30	−14 35.7	1.454	2.456	3.1	20.7
5 11	14 55.37	−13 31.7	1.438	2.445	2.4	20.6
5 21	14 45.78	−12 30.8	1.449	2.433	7.2	20.9
5 31	14 37.69	−11 39.6	1.485	2.421	11.8	21.1
6 10	14 31.94	−11 2.8	1.543	2.409	15.8	21.3
87986	2000 TD_{59}		5	7.6	195.°67	6.°2/ 2.2 18
4 1	15 23.28	− 0 43.1	2.248	3.078	12.2	20.4
4 11	15 18.53	+ 0 28.7	2.174	3.075	9.7	20.3
4 21	15 11.99	+ 1 37.8	2.123	3.073	7.4	20.1
5 1	15 4.21	+ 2 38.4	2.100	3.069	6.2	20.0
5 11	14 55.97	+ 3 25.5	2.104	3.065	7.0	20.1
5 21	14 48.05	+ 3 55.3	2.135	3.061	9.1	20.2
5 31	14 41.19	+ 4 6.0	2.190	3.056	11.7	20.3
6 10	14 35.94	+ 3 57.8	2.266	3.051	14.1	20.5
290194	2005 SV_{24}		5	7.6	219.°54	0.°3/ 7.3 18
4 1	15 23.48	−16 12.8	2.595	3.410	11.1	20.6
4 11	15 18.61	−16 10.9	2.502	3.405	8.5	20.4
4 21	15 12.03	−16 4.2	2.434	3.400	5.5	20.2
5 1	15 4.25	−15 53.8	2.393	3.395	2.2	20.0
5 11	14 55.95	−15 41.6	2.381	3.389	1.3	19.9
5 21	14 47.87	−15 29.8	2.398	3.383	4.7	20.2
5 31	14 40.71	−15 21.0	2.443	3.377	7.9	20.3
6 10	14 35.04	−15 17.3	2.513	3.371	10.7	20.5
502334	2015 BT_{179}		5	7.6	120.°81	6.°0/11.8 17
4 1	15 29.69	−34 11.3	2.005	2.767	15.8	22.3
4 11	15 24.11	−34 45.1	1.928	2.779	13.1	22.1
4 21	15 15.92	−35 1.2	1.871	2.790	10.2	21.9
5 1	15 5.88	−34 56.5	1.838	2.801	7.5	21.8
5 11	14 55.12	−34 31.0	1.831	2.812	6.1	21.7
5 21	14 44.85	−33 47.8	1.850	2.822	7.1	21.8
5 31	14 36.20	−32 52.6	1.896	2.832	9.6	22.0
6 10	14 29.94	−31 53.0	1.965	2.842	12.5	22.2
166374	2002 LG_{36}		5	7.6	284.°76	0.°7/ 8.1 18
4 1	15 23.39	−21 41.2	2.088	2.903	13.5	20.1
4 11	15 19.23	−21 12.0	1.972	2.873	10.6	19.8
4 21	15 12.82	−20 30.0	1.879	2.842	7.1	19.6
5 1	15 4.70	−19 36.0	1.811	2.811	3.1	19.2
5 11	14 55.70	−18 33.1	1.771	2.780	1.4	19.1
5 21	14 46.80	−17 26.2	1.760	2.748	5.7	19.3
5 31	14 39.00	−16 21.2	1.775	2.716	9.9	19.5
6 10	14 33.08	−15 24.0	1.814	2.684	13.6	19.6
11140	Yakedake		5	7.6	226.°26	4.°7/ 3.5 18
4 1	15 21.89	− 2 30.6	2.602	3.429	10.8	18.1
4 11	15 17.30	− 1 47.7	2.518	3.421	8.5	18.0
4 21	15 11.13	− 1 7.0	2.458	3.413	6.2	17.8
5 1	15 3.88	− 0 32.1	2.426	3.404	4.8	17.7
5 11	14 56.18	− 0 6.9	2.421	3.395	5.3	17.7
5 21	14 48.72	+ 0 6.1	2.445	3.386	7.4	17.8
5 31	14 42.13	+ 0 5.4	2.494	3.377	9.8	18.0
6 10	14 36.92	− 0 9.4	2.566	3.367	12.2	18.1

187889 2000 SV_5 5 7.6 262.°76 4.°5/10.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 25.51	−30 47.4	1.965	2.750	15.3	20.6
4 11	15 21.09	−30 52.2	1.863	2.736	12.5	20.4
4 21	15 14.11	−30 39.6	1.782	2.721	9.4	20.1
5 1	15 5.22	−30 7.8	1.725	2.705	6.2	19.9
5 11	14 55.44	−29 17.6	1.694	2.690	4.5	19.8
5 21	14 45.92	−28 12.7	1.690	2.674	6.4	19.9
5 31	14 37.79	−26 59.7	1.712	2.658	9.8	20.0
6 10	14 31.90	−25 46.3	1.757	2.642	13.3	20.2

72296 2001 BX_{24} 5 7.6 112.°91 0.°5/ 7.3 18

4 1	15 27.88	−17 59.0	1.719	2.545	15.4	20.5
4 11	15 22.53	−17 31.4	1.653	2.562	11.8	20.3
4 21	15 14.75	−16 54.1	1.609	2.578	7.6	20.0
5 1	15 5.36	−16 9.7	1.591	2.593	3.0	19.8
5 11	14 55.45	−15 22.5	1.600	2.608	1.8	19.7
5 21	14 46.14	−14 37.6	1.636	2.622	6.3	20.1
5 31	14 38.44	−14 0.0	1.699	2.636	10.5	20.3
6 10	14 33.00	−13 33.5	1.783	2.650	14.0	20.6

453406 2009 FH_{56} 5 7.6 3.°50 15.°7/22.4 17

4 1	15 19.15	−52 37.1	1.141	1.875	26.8	19.4
4 11	15 18.84	−53 20.2	1.073	1.872	24.6	19.2
4 21	15 13.83	−53 17.9	1.016	1.872	22.0	19.0
5 1	15 5.29	−52 19.7	0.972	1.873	19.2	18.8
5 11	14 55.47	−50 21.0	0.945	1.876	16.9	18.6
5 21	14 46.85	−47 26.9	0.937	1.881	15.7	18.6
5 31	14 41.39	−43 53.6	0.948	1.888	16.4	18.6
6 10	14 40.00	−40 4.0	0.981	1.896	18.6	18.8

278677 2008 RG_{100} 5 7.6 242.°57 0.°5/ 7.2 17

4 1	15 23.54	−17 30.0	1.947	2.775	13.8	21.4
4 11	15 19.19	−17 6.4	1.861	2.771	10.6	21.1
4 21	15 12.65	−16 34.1	1.798	2.767	6.9	20.9
5 1	15 4.56	−15 55.4	1.761	2.763	2.7	20.6
5 11	14 55.82	−15 13.7	1.751	2.759	1.7	20.5
5 21	14 47.43	−14 33.5	1.769	2.755	5.9	20.8
5 31	14 40.29	−13 59.2	1.812	2.750	9.9	21.0
6 10	14 35.09	−13 34.6	1.879	2.746	13.3	21.2

144908 2004 YH_{32} 5 7.6 228.°12 0.°5/ 9.1 07 C

4 1	15 11.39	−23 15.1	11.369	12.145	3.1	23.9
4 11	15 8.34	−23 16.7	11.257	12.133	2.4	23.8
4 21	15 4.93	−23 16.0	11.172	12.122	1.6	23.8
5 1	15 1.30	−23 13.5	11.118	12.110	0.9	23.7
5 11	14 57.56	−23 9.3	11.093	12.098	0.5	23.6
5 21	14 53.86	−23 4.0	11.100	12.086	1.1	23.7
5 31	14 50.34	−22 58.0	11.137	12.073	1.9	23.8
6 10	14 47.10	−22 52.0	11.203	12.061	2.7	23.8

17314 Aisakos 5 7.6 146.°04 2.°0/10.4 18

4 1	15 16.57	−28 33.9	4.717	5.482	7.2	18.5
4 11	15 12.72	−28 39.2	4.622	5.485	5.8	18.4
4 21	15 7.95	−28 37.7	4.553	5.488	4.2	18.3
5 1	15 2.55	−28 29.6	4.511	5.490	2.7	18.2
5 11	14 56.90	−28 15.6	4.498	5.493	2.0	18.1
5 21	14 51.39	−27 56.7	4.515	5.496	2.9	18.2
5 31	14 46.39	−27 34.8	4.561	5.498	4.4	18.3
6 10	14 42.21	−27 11.8	4.633	5.501	6.0	18.4

126675 2002 CW_{217} 5 7.6 333.°25 1.°3/ 6.6 18

4 1	15 20.40	−14 39.7	1.976	2.814	13.3	19.2
4 11	15 16.79	−14 19.9	1.888	2.804	10.2	19.0
4 21	15 11.12	−13 54.3	1.823	2.794	6.5	18.7
5 1	15 3.96	−13 25.3	1.783	2.785	2.7	18.5
5 11	14 56.16	−12 56.2	1.770	2.777	2.3	18.4
5 21	14 48.62	−12 30.9	1.785	2.768	6.1	18.6
5 31	14 42.23	−12 12.9	1.824	2.761	9.9	18.9
6 10	14 37.66	−12 5.0	1.886	2.754	13.3	19.1

233426 2006 HX_{15} 5 7.6 85.°96 2.°2/ 6.0 17

4 1	15 22.61	−13 20.9	1.933	2.770	13.6	21.2
4 11	15 18.38	−12 41.9	1.856	2.771	10.3	21.0
4 21	15 12.06	−11 57.1	1.802	2.773	6.7	20.8
5 1	15 4.31	−11 10.0	1.773	2.774	3.1	20.6
5 11	14 56.01	−10 25.1	1.772	2.776	3.1	20.6
5 21	14 48.09	− 9 46.9	1.799	2.777	6.7	20.8
5 31	14 41.42	− 9 19.2	1.850	2.778	10.3	21.0
6 10	14 36.63	− 9 4.5	1.924	2.780	13.6	21.2

11951 1994 AJ_3 5 7.6 96.°68 1.°3/ 6.2 18

4 1	15 18.31	−13 15.7	3.237	4.058	9.0	19.2
4 11	15 14.26	−12 48.1	3.162	4.069	6.8	19.1
4 21	15 9.01	−12 17.5	3.113	4.081	4.3	18.9
5 1	15 2.99	−11 45.8	3.091	4.092	1.9	18.7
5 11	14 56.71	−11 15.4	3.099	4.102	1.9	18.7
5 21	14 50.67	−10 48.6	3.136	4.113	4.2	18.9
5 31	14 45.35	−10 27.3	3.201	4.124	6.6	19.1
6 10	14 41.14	−10 13.2	3.292	4.134	8.8	19.3

251961 1999 XV_{254} 5 7.6 213.°98 1.°2/ 8.4 17

4 1	15 26.71	−21 58.0	1.894	2.707	14.7	21.5
4 11	15 21.80	−21 47.9	1.803	2.702	11.5	21.2
4 21	15 14.46	−21 26.0	1.735	2.697	7.7	21.0
5 1	15 5.34	−20 52.8	1.691	2.690	3.6	20.7
5 11	14 55.46	−20 10.9	1.676	2.684	1.7	20.6
5 21	14 45.91	−19 24.7	1.688	2.677	5.8	20.8
5 31	14 37.74	−18 39.6	1.726	2.669	9.9	21.1
6 10	14 31.73	−18 1.0	1.787	2.661	13.6	21.3

172652 2003 YE_{77} 5 7.6 76.°13 3.°4/ 9.6 18

4 1	15 28.13	−26 20.0	1.541	2.355	17.5	20.0
4 11	15 23.19	−26 26.8	1.478	2.372	13.9	19.8
4 21	15 15.41	−26 16.9	1.435	2.390	9.7	19.6
5 1	15 5.69	−25 49.7	1.415	2.407	5.5	19.4
5 11	14 55.33	−25 7.8	1.421	2.425	3.4	19.3
5 21	14 45.68	−24 16.5	1.453	2.442	6.5	19.5
5 31	14 37.91	−23 23.0	1.510	2.459	10.6	19.8
6 10	14 32.76	−22 34.3	1.589	2.476	14.3	20.1

176400 2001 UC_{146} 5 7.6 146.°44 0.°4/ 7.2 18

4 1	15 22.20	−17 27.0	2.755	3.568	10.6	21.6
4 11	15 17.43	−16 59.2	2.675	3.577	8.1	21.5
4 21	15 11.16	−16 25.1	2.620	3.585	5.2	21.3
5 1	15 3.89	−15 46.7	2.592	3.593	2.1	21.1
5 11	14 56.27	−15 6.5	2.593	3.601	1.3	21.0
5 21	14 48.95	−14 27.7	2.624	3.608	4.4	21.3
5 31	14 42.55	−13 53.4	2.684	3.615	7.4	21.5
6 10	14 37.54	−13 26.2	2.768	3.621	10.0	21.7

128407 2004 LP_{15} 5 7.6 274.°78 5.°2/ 3.4 18

4 1	15 23.58	− 0 55.7	2.535	3.358	11.1	20.0
4 11	15 18.78	− 0 20.2	2.433	3.332	8.9	19.8
4 21	15 12.23	+ 0 12.2	2.355	3.306	6.7	19.7
5 1	15 4.40	+ 0 37.5	2.305	3.280	5.3	19.5
5 11	14 55.96	+ 0 52.1	2.282	3.253	5.8	19.5
5 21	14 47.64	+ 0 53.3	2.287	3.226	8.0	19.6
5 31	14 40.17	+ 0 39.4	2.318	3.198	10.6	19.7
6 10	14 34.14	+ 0 10.6	2.371	3.170	13.1	19.8

113523 2002 TV_{16} 5 7.6 270.°30 1.°8/ 6.4 18

4 1	15 23.79	−15 45.4	1.658	2.498	15.3	19.8
4 11	15 19.83	−15 0.1	1.568	2.485	11.8	19.6
4 21	15 13.32	−14 4.3	1.499	2.471	7.6	19.3
5 1	15 4.93	−13 1.7	1.455	2.457	3.2	19.0
5 11	14 55.69	−11 57.7	1.438	2.443	2.9	18.9
5 21	14 46.74	−10 58.8	1.447	2.429	7.5	19.2
5 31	14 39.22	−10 11.1	1.481	2.415	11.9	19.4
6 10	14 33.94	− 9 39.1	1.536	2.401	15.9	19.6

476679 2008 TV_{63} 5 7.6 142.°62 0.°3/ 7.2 18

4 1	15 17.86	−17 3.9	4.010	4.817	7.7	22.7
4 11	15 13.72	−16 42.6	3.928	4.827	5.8	22.6
4 21	15 8.59	−16 17.2	3.871	4.836	3.7	22.4
5 1	15 2.82	−15 49.1	3.844	4.846	1.5	22.2
5 11	14 56.83	−15 19.9	3.847	4.855	0.9	22.2
5 21	14 51.03	−14 51.6	3.880	4.863	3.2	22.4
5 31	14 45.81	−14 26.0	3.942	4.872	5.3	22.6
6 10	14 41.51	−14 4.7	4.030	4.880	7.2	22.7

430995 2005 XV_{45} 5 7.6 192.°91 1.°4/ 8.6 17

4 1	15 26.41	−22 46.7	2.347	3.146	12.7	22.4
4 11	15 21.08	−22 38.5	2.254	3.144	9.9	22.2
4 21	15 13.76	−22 19.9	2.184	3.142	6.7	22.0
5 1	15 5.02	−21 51.5	2.141	3.138	3.2	21.8
5 11	14 55.69	−21 15.3	2.127	3.135	1.7	21.6
5 21	14 46.66	−20 34.7	2.142	3.130	4.9	21.8
5 31	14 38.76	−19 53.8	2.185	3.125	8.3	22.0
6 10	14 32.64	−19 17.0	2.252	3.119	11.4	22.2

510332 2011 SD_{69} 5 7.6 209.°52 3.°3/ 4.1 18

4 1	15 21.29	− 5 34.4	3.190	4.011	9.1	23.3
4 11	15 16.58	− 4 54.4	3.100	4.003	7.1	23.2
4 21	15 10.57	− 4 14.4	3.035	3.994	4.9	23.0
5 1	15 3.67	− 3 37.5	2.999	3.986	3.4	22.9
5 11	14 56.41	− 3 6.3	2.993	3.976	3.8	22.9
5 21	14 49.33	− 2 43.4	3.015	3.966	5.8	23.0
5 31	14 42.96	− 2 30.5	3.065	3.955	8.0	23.2
6 10	14 37.73	− 2 28.4	3.139	3.944	10.1	23.3

297645 2001 TP_{181} 5 7.6 196.°94 3.°6/ 9.7 16

4 1	15 31.01	−26 45.8	1.822	2.617	15.9	21.8
4 11	15 25.37	−27 5.1	1.732	2.615	12.8	21.5
4 21	15 16.93	−27 10.2	1.663	2.611	9.2	21.3
5 1	15 6.41	−26 59.4	1.619	2.607	5.4	21.1
5 11	14 54.95	−26 33.0	1.601	2.603	3.7	20.9
5 21	14 43.85	−25 54.4	1.611	2.597	6.4	21.1
5 31	14 34.32	−25 9.5	1.648	2.591	10.3	21.3
6 10	14 27.27	−24 25.2	1.707	2.584	14.0	21.5

55669 6810 *P–L* 5 7.6 289.°65 3.°1/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.02	−12 6.0	1.583	2.429	15.6	20.1
4 11	15 20.24	−11 27.8	1.487	2.407	12.0	19.8
4 21	15 13.75	−10 42.6	1.412	2.384	7.9	19.5
5 1	15 5.18	− 9 54.7	1.361	2.361	3.9	19.2
5 11	14 55.57	− 9 9.4	1.337	2.339	4.1	19.1
5 21	14 46.14	− 8 32.8	1.337	2.316	8.5	19.3
5 31	14 38.09	− 8 9.9	1.362	2.293	13.1	19.5
6 10	14 32.38	− 8 4.0	1.407	2.270	17.2	19.7

379977 2012 TN_{15} 5 7.6 268.°86 1.°6/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.09	−25 12.7	4.536	5.314	7.3	20.0
4 11	15 13.94	−25 27.2	4.431	5.305	5.8	19.9
4 21	15 8.79	−25 36.1	4.352	5.297	4.1	19.8
5 1	15 2.95	−25 39.4	4.300	5.288	2.4	19.6
5 11	14 56.80	−25 37.7	4.278	5.279	1.6	19.6
5 21	14 50.73	−25 31.9	4.287	5.271	2.9	19.7
5 31	14 45.16	−25 23.6	4.324	5.262	4.6	19.8
6 10	14 40.43	−25 14.4	4.388	5.253	6.3	19.9

496514 2014 UP_{176} 5 7.6 53.°22 0.°4/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.50	−16 53.1	1.498	2.332	16.9	20.9
4 11	15 24.43	−17 17.6	1.423	2.335	13.1	20.7
4 21	15 16.41	−17 35.9	1.369	2.338	8.6	20.4
5 1	15 6.21	−17 48.0	1.339	2.341	3.6	20.1
5 11	14 55.09	−17 55.2	1.335	2.344	1.8	20.0
5 21	14 44.43	−18 0.0	1.357	2.347	6.9	20.3
5 31	14 35.52	−18 6.0	1.404	2.350	11.6	20.6
6 10	14 29.27	−18 16.8	1.473	2.353	15.6	20.9

102212 1999 TA_1 5 7.6 255.°07 1.°4/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.10	−15 53.8	1.816	2.646	14.6	20.6
4 11	15 21.50	−15 21.2	1.716	2.627	11.3	20.4
4 21	15 14.39	−14 39.4	1.639	2.608	7.3	20.1
5 1	15 5.40	−13 51.1	1.587	2.589	3.0	19.8
5 11	14 55.50	−13 0.4	1.562	2.568	2.5	19.7
5 21	14 45.79	−12 12.7	1.565	2.548	6.9	19.9
5 31	14 37.39	−11 33.3	1.593	2.526	11.3	20.1
6 10	14 31.13	−11 6.6	1.644	2.504	15.2	20.3

403223 2008 US_{204} 5 7.6 215.°76 2.°8/ 9.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.35	−25 5.5	1.746	2.550	16.2	22.2
4 11	15 24.98	−25 13.1	1.653	2.543	12.9	22.0
4 21	15 16.76	−25 6.6	1.580	2.535	9.0	21.7
5 1	15 6.39	−24 44.6	1.532	2.526	4.9	21.5
5 11	14 55.01	−24 8.6	1.511	2.516	3.0	21.3
5 21	14 43.95	−23 22.5	1.517	2.505	6.4	21.5
5 31	14 34.47	−22 32.6	1.549	2.494	10.7	21.7
6 10	14 27.50	−21 45.9	1.604	2.482	14.7	21.9

433597 2013 YA_{59} 5 7.6 139.°91 1.°5/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.23	−13 36.5	2.206	3.030	12.5	21.5
4 11	15 20.10	−13 18.3	2.130	3.038	9.6	21.3
4 21	15 13.07	−12 55.8	2.078	3.046	6.1	21.1
5 1	15 4.73	−12 31.3	2.052	3.053	2.6	20.9
5 11	14 55.93	−12 7.7	2.055	3.060	2.3	20.9
5 21	14 47.50	−11 48.1	2.087	3.067	5.7	21.1
5 31	14 40.22	−11 35.3	2.145	3.073	9.1	21.3
6 10	14 34.68	−11 31.4	2.227	3.079	12.1	21.5

367733 2010 UY_{62} 5 7.6 229.°91 1.°2/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.17	−22 56.9	1.746	2.566	15.5	21.3
4 11	15 20.81	−22 28.0	1.658	2.560	12.2	21.1
4 21	15 13.91	−21 44.0	1.591	2.554	8.2	20.8
5 1	15 5.18	−20 46.2	1.549	2.548	3.7	20.5
5 11	14 55.68	−19 38.6	1.533	2.542	1.7	20.4
5 21	14 46.57	−18 27.1	1.545	2.535	6.1	20.6
5 31	14 38.94	−17 19.0	1.583	2.528	10.5	20.9
6 10	14 33.59	−16 20.6	1.643	2.521	14.4	21.1

378695 2008 KG_{30} 5 7.6 295.°42 7.°4/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.13	− 3 28.8	1.623	2.475	14.9	20.6
4 11	15 17.78	− 1 52.0	1.538	2.456	11.9	20.3
4 21	15 12.00	− 0 12.8	1.476	2.436	9.0	20.1
5 1	15 4.43	+ 1 20.2	1.438	2.416	7.4	19.9
5 11	14 56.04	+ 2 37.8	1.426	2.397	8.6	20.0
5 21	14 47.91	+ 3 33.0	1.438	2.377	11.7	20.1
5 31	14 41.09	+ 4 1.4	1.472	2.358	15.2	20.2
6 10	14 36.39	+ 4 2.3	1.525	2.339	18.5	20.4

313450 2002 RJ_{218} 5 7.6 192.°69 3.°7/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.25	− 4 0.3	3.095	3.921	9.3	20.9
4 11	15 15.06	− 3 20.3	3.015	3.919	7.2	20.8
4 21	15 9.60	− 2 41.5	2.961	3.918	5.1	20.7
5 1	15 3.30	− 2 6.9	2.934	3.916	3.8	20.6
5 11	14 56.67	− 1 39.5	2.936	3.915	4.2	20.6
5 21	14 50.26	− 1 21.5	2.967	3.912	6.1	20.7
5 31	14 44.57	− 1 14.4	3.024	3.910	8.2	20.8
6 10	14 40.01	− 1 18.6	3.104	3.908	10.2	21.0

105692 2000 SL_{62} 5 7.6 192.°93 0.°1/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.18	−18 7.7	2.862	3.671	10.4	20.6
4 11	15 17.47	−17 49.2	2.770	3.669	7.9	20.4
4 21	15 11.25	−17 24.5	2.703	3.667	5.1	20.2
5 1	15 3.99	−16 54.9	2.663	3.664	2.1	20.0
5 11	14 56.31	−16 22.6	2.653	3.661	1.1	19.9
5 21	14 48.86	−15 50.4	2.673	3.658	4.3	20.1
5 31	14 42.27	−15 21.2	2.720	3.654	7.2	20.3
6 10	14 37.01	−14 57.6	2.793	3.649	9.8	20.5

390306 2013 AK_{93} 5 7.6 185.°76 3.°4/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.48	− 6 27.2	2.686	3.512	10.5	21.4
4 11	15 17.69	− 5 55.2	2.605	3.511	8.1	21.3
4 21	15 11.38	− 5 23.4	2.549	3.511	5.6	21.1
5 1	15 4.04	− 4 54.8	2.520	3.510	3.6	21.0
5 11	14 56.29	− 4 32.4	2.520	3.509	4.0	21.0
5 21	14 48.80	− 4 18.7	2.548	3.507	6.2	21.1
5 31	14 42.19	− 4 15.5	2.604	3.505	8.8	21.3
6 10	14 36.94	− 4 23.5	2.683	3.503	11.2	21.5

67594 2000 SC_{139} 5 7.6 42.°69 4.°9/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.39	−27 33.2	1.414	2.229	18.7	18.6
4 11	15 24.02	−28 10.3	1.340	2.232	15.1	18.3
4 21	15 16.37	−28 30.6	1.284	2.235	11.0	18.1
5 1	15 6.27	−28 31.1	1.252	2.239	6.9	17.9
5 11	14 55.12	−28 11.9	1.243	2.242	5.0	17.7
5 21	14 44.49	−27 36.8	1.259	2.246	7.6	17.9
5 31	14 35.86	−26 53.1	1.299	2.250	11.8	18.1
6 10	14 30.19	−26 9.1	1.360	2.254	15.8	18.4

412171 2013 GF_{92} 5 7.6 345.°07 2.°5/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.17	−22 33.7	1.183	2.033	19.5	20.3
4 11	15 20.42	−22 47.3	1.109	2.026	15.5	20.0
4 21	15 14.26	−22 45.5	1.052	2.020	10.6	19.7
5 1	15 5.48	−22 27.6	1.016	2.015	5.3	19.4
5 11	14 55.51	−21 55.9	1.004	2.011	2.8	19.2
5 21	14 46.01	−21 16.0	1.014	2.008	7.7	19.5
5 31	14 38.54	−20 35.6	1.046	2.005	13.0	19.8
6 10	14 34.17	−20 2.5	1.098	2.004	17.8	20.0

196570 2003 QW_{31} 5 7.6 255.°50 2.°1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.96	−13 29.8	1.962	2.797	13.5	20.3
4 11	15 18.73	−12 52.3	1.876	2.790	10.3	20.1
4 21	15 12.38	−12 8.5	1.813	2.784	6.7	19.8
5 1	15 4.52	−11 21.9	1.776	2.777	3.0	19.6
5 11	14 56.04	−10 36.9	1.767	2.770	3.0	19.6
5 21	14 47.87	− 9 57.8	1.784	2.763	6.7	19.8
5 31	14 40.89	− 9 29.0	1.828	2.756	10.4	20.0
6 10	14 35.79	− 9 13.0	1.894	2.749	13.8	20.2

498633 2008 RA_{135} 5 7.6 197.°95 3.°5/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.81	− 9 34.6	2.158	2.992	12.4	21.8
4 11	15 18.33	− 8 35.7	2.077	2.990	9.5	21.6
4 21	15 11.97	− 7 33.2	2.020	2.988	6.4	21.4
5 1	15 4.32	− 6 31.4	1.991	2.985	3.8	21.2
5 11	14 56.17	− 5 35.5	1.989	2.982	4.3	21.3
5 21	14 48.34	− 4 49.9	2.015	2.978	7.2	21.4
5 31	14 41.61	− 4 18.1	2.067	2.975	10.4	21.6
6 10	14 36.57	− 4 1.7	2.141	2.971	13.3	21.8

266374 2007 EJ_{97} 5 7.6 46.°13 5.°8/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.99	−27 30.3	1.494	2.300	18.4	20.3
4 11	15 26.57	−28 47.7	1.431	2.315	14.9	20.1
4 21	15 17.90	−29 51.1	1.387	2.332	11.0	19.9
5 1	15 6.86	−30 35.7	1.367	2.349	7.3	19.8
5 11	14 54.85	−30 59.4	1.372	2.366	5.8	19.7
5 21	14 43.44	−31 3.8	1.403	2.383	7.9	19.9
5 31	14 34.05	−30 54.3	1.458	2.401	11.4	20.1
6 10	14 27.63	−30 38.4	1.534	2.420	14.8	20.4

236515 2006 GF_{48} 5 7.6 277.°57 1.°1/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.58	−20 43.0	1.949	2.769	14.1	20.8
4 11	15 20.12	−20 44.6	1.861	2.764	11.0	20.5
4 21	15 13.37	−20 36.6	1.796	2.759	7.3	20.3
5 1	15 4.96	−20 19.6	1.755	2.754	3.3	20.0
5 11	14 55.82	−19 55.6	1.742	2.750	1.6	19.9
5 21	14 46.99	−19 28.0	1.756	2.745	5.6	20.2
5 31	14 39.44	−19 1.2	1.796	2.740	9.5	20.4
6 10	14 33.91	−18 39.4	1.859	2.736	13.0	20.6

309432 2007 TR_{448} 5 7.6 315.°32 1.°8/ 6.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.80	−16 39.0	1.327	2.180	17.6	20.1
4 11	15 19.60	−15 50.2	1.249	2.173	13.5	19.8
4 21	15 13.43	−14 48.3	1.190	2.165	8.7	19.6
5 1	15 5.07	−13 37.4	1.155	2.158	3.6	19.2
5 11	14 55.77	−12 24.8	1.145	2.151	3.2	19.2
5 21	14 46.92	−11 18.6	1.159	2.145	8.4	19.5
5 31	14 39.83	−10 26.3	1.196	2.138	13.4	19.7
6 10	14 35.39	− 9 53.0	1.252	2.133	17.8	20.0

390994 2005 SR_{88} 5 7.6 291.°33 3.°2/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.98	−26 1.6	2.255	3.050	13.3	21.0
4 11	15 20.35	−26 30.9	2.154	3.036	10.7	20.8
4 21	15 13.53	−26 50.1	2.075	3.023	7.7	20.5
5 1	15 5.05	−26 57.6	2.021	3.009	4.6	20.3
5 11	14 55.76	−26 53.7	1.995	2.995	3.3	20.2
5 21	14 46.62	−26 40.0	1.997	2.982	5.5	20.3
5 31	14 38.57	−26 20.0	2.025	2.969	8.7	20.5
6 10	14 32.40	−25 58.2	2.078	2.955	11.8	20.7

166079 2002 CW_{102} 5 7.6 353.°65 1.°7/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.15	−19 46.6	1.020	1.889	20.5	18.8
4 11	15 18.45	−20 11.7	0.951	1.881	16.1	18.5
4 21	15 13.16	−20 24.5	0.900	1.875	10.8	18.2
5 1	15 5.09	−20 24.7	0.869	1.870	4.9	17.9
5 11	14 55.73	−20 14.6	0.859	1.867	2.5	17.7
5 21	14 46.87	−19 58.7	0.870	1.866	8.2	18.0
5 31	14 40.18	−19 43.8	0.902	1.866	13.9	18.3
6 10	14 36.78	−19 36.2	0.952	1.868	18.9	18.6

374471 2005 YR_{10} 5 7.6 139.°78 0.°4/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.87	−17 47.1	2.196	3.012	12.9	22.6
4 11	15 20.61	−17 23.6	2.120	3.023	9.8	22.4
4 21	15 13.40	−16 52.4	2.068	3.034	6.3	22.2
5 1	15 4.88	−16 15.4	2.043	3.044	2.5	21.9
5 11	14 55.91	−15 35.8	2.046	3.054	1.5	21.9
5 21	14 47.35	−14 57.5	2.078	3.063	5.3	22.2
5 31	14 40.01	−14 24.3	2.137	3.071	8.8	22.4
6 10	14 34.46	−13 59.3	2.220	3.079	11.9	22.6

308562 2005 UX_{346} 5 7.6 251.°98 0.°2/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.88	−17 2.7	2.581	3.396	11.2	21.5
4 11	15 18.26	−16 57.7	2.482	3.385	8.6	21.3
4 21	15 11.91	−16 47.2	2.408	3.374	5.6	21.1
5 1	15 4.32	−16 32.3	2.361	3.362	2.3	20.9
5 11	14 56.17	−16 14.8	2.343	3.351	1.3	20.8
5 21	14 48.20	−15 57.4	2.353	3.339	4.7	21.0
5 31	14 41.14	−15 42.7	2.392	3.327	7.9	21.2
6 10	14 35.56	−15 33.3	2.454	3.315	10.8	21.3

181184 2005 SQ_{95} 5 7.6 315.°79 2.°3/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.39	−23 27.1	2.212	3.017	13.2	20.5
4 11	15 19.78	−23 48.5	2.121	3.013	10.4	20.3
4 21	15 13.07	−24 0.7	2.053	3.008	7.2	20.1
5 1	15 4.83	−24 2.9	2.010	3.004	3.9	19.9
5 11	14 55.90	−23 56.2	1.995	3.000	2.4	19.8
5 21	14 47.21	−23 42.5	2.007	2.995	5.1	19.9
5 31	14 39.66	−23 25.4	2.047	2.991	8.5	20.1
6 10	14 33.94	−23 8.9	2.110	2.988	11.7	20.3

506962 2008 RQ_{87} 5 7.6 195.°51 0.°0/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.10	−19 29.4	2.550	3.358	11.5	22.6
4 11	15 19.12	−18 58.2	2.457	3.355	8.9	22.4
4 21	15 12.41	−18 18.2	2.388	3.352	5.8	22.2
5 1	15 4.49	−17 31.4	2.346	3.348	2.3	21.9
5 11	14 56.10	−16 40.5	2.335	3.343	1.2	21.8
5 21	14 47.99	−15 49.4	2.352	3.338	4.7	22.1
5 31	14 40.87	−15 2.1	2.398	3.332	8.0	22.3
6 10	14 35.30	−14 22.2	2.468	3.325	10.9	22.5

297651 2001 TY_{215} 5 7.6 294.°17 5.°5/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.08	−33 22.3	2.124	2.895	14.7	19.7
4 11	15 19.93	−33 43.3	2.023	2.881	12.3	19.5
4 21	15 13.37	−33 47.8	1.942	2.868	9.5	19.3
5 1	15 5.00	−33 33.3	1.886	2.854	6.9	19.1
5 11	14 55.80	−32 59.7	1.855	2.841	5.5	19.0
5 21	14 46.83	−32 9.7	1.850	2.827	6.6	19.0
5 31	14 39.15	−31 8.5	1.872	2.814	9.4	19.1
6 10	14 33.57	−30 3.2	1.917	2.801	12.4	19.3

513034 2017 VW_4 5 7.6 203.°18 3.°5/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.79	− 7 46.7	2.548	3.374	11.0	21.9
4 11	15 18.05	− 6 56.7	2.462	3.370	8.4	21.7
4 21	15 11.68	− 6 5.0	2.401	3.365	5.8	21.5
5 1	15 4.20	− 5 15.3	2.368	3.359	3.7	21.4
5 11	14 56.26	− 4 31.5	2.363	3.353	4.2	21.4
5 21	14 48.58	− 3 57.1	2.387	3.346	6.6	21.5
5 31	14 41.82	− 3 34.6	2.438	3.338	9.4	21.7
6 10	14 36.50	− 3 25.4	2.512	3.330	11.9	21.8

316029 2009 FC_{46} 5 7.6 351.°92 1.°9/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.47	−14 58.7	1.184	2.049	18.5	20.2
4 11	15 18.84	−14 36.5	1.113	2.043	14.2	19.9
4 21	15 13.07	−14 5.0	1.062	2.039	9.2	19.6
5 1	15 4.96	−13 27.9	1.032	2.035	3.8	19.3
5 11	14 55.85	−12 51.1	1.026	2.033	3.2	19.2
5 21	14 47.24	−12 20.8	1.042	2.031	8.5	19.5
5 31	14 40.52	−12 2.9	1.081	2.031	13.8	19.8
6 10	14 36.64	−12 0.8	1.138	2.031	18.3	20.1

192888 1999 XB_{113} 5 7.6 280.°98 7.°9/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.22	−38 8.2	1.982	2.730	16.4	19.7
4 11	15 22.80	−38 51.7	1.880	2.715	14.1	19.5
4 21	15 15.49	−39 16.0	1.798	2.699	11.6	19.3
5 1	15 5.95	−39 16.7	1.737	2.683	9.2	19.2
5 11	14 55.29	−38 51.6	1.701	2.668	7.9	19.0
5 21	14 44.85	−38 2.4	1.690	2.652	8.6	19.0
5 31	14 35.93	−36 54.6	1.704	2.636	10.8	19.1
6 10	14 29.53	−35 37.0	1.741	2.620	13.7	19.3

130895 2000 VM_{28} 5 7.6 204.°53 1.°5/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.19	−15 19.6	2.014	2.837	13.6	20.9
4 11	15 21.93	−14 40.8	1.924	2.832	10.4	20.6
4 21	15 14.44	−13 54.2	1.858	2.826	6.7	20.4
5 1	15 5.38	−13 2.6	1.818	2.819	2.8	20.1
5 11	14 55.65	−12 10.2	1.806	2.811	2.5	20.1
5 21	14 46.24	−11 21.9	1.823	2.803	6.4	20.3
5 31	14 38.09	−10 42.3	1.866	2.793	10.3	20.5
6 10	14 31.91	−10 14.9	1.933	2.783	13.7	20.7

508194 2015 FR_{348} 5 7.6 181.°02 4.°4/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.05	− 3 28.5	2.411	3.233	11.7	21.9
4 11	15 20.55	− 3 0.3	2.332	3.235	9.1	21.7
4 21	15 13.31	− 2 34.5	2.278	3.235	6.5	21.5
5 1	15 4.85	− 2 14.7	2.251	3.235	4.6	21.4
5 11	14 55.94	− 2 4.1	2.253	3.235	5.0	21.4
5 21	14 47.33	− 2 4.9	2.282	3.234	7.3	21.6
5 31	14 39.76	− 2 18.3	2.339	3.232	10.0	21.7
6 10	14 33.76	− 2 44.4	2.418	3.230	12.5	21.9

488825 2005 NL_{30} 5 7.6 271.°38 1.°4/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.49	−15 16.8	1.771	2.605	14.7	22.2
4 11	15 21.12	−14 54.7	1.672	2.585	11.4	22.0
4 21	15 14.22	−14 24.9	1.595	2.565	7.4	21.7
5 1	15 5.39	−13 49.6	1.543	2.545	3.1	21.4
5 11	14 55.61	−13 12.7	1.518	2.525	2.5	21.3
5 21	14 46.01	−12 38.8	1.520	2.504	7.0	21.5
5 31	14 37.70	−12 12.8	1.547	2.483	11.4	21.7
6 10	14 31.57	−11 58.5	1.596	2.462	15.4	21.9

269332 2008 TK_6 5 7.6 142.°26 0.°4/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.01	−15 35.4	3.992	4.800	7.7	22.0
4 11	15 14.62	−15 25.8	3.910	4.810	5.8	21.8
4 21	15 9.21	−15 13.1	3.854	4.819	3.7	21.7
5 1	15 3.15	−14 58.3	3.827	4.828	1.5	21.5
5 11	14 56.84	−14 42.9	3.830	4.837	1.0	21.5
5 21	14 50.72	−14 28.4	3.863	4.845	3.2	21.7
5 31	14 45.18	−14 16.4	3.925	4.854	5.4	21.8
6 10	14 40.56	−14 8.4	4.014	4.862	7.3	22.0

470414 2007 VS_{32} 5 7.6 260.°03 1.°7/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.20	−23 59.4	2.168	2.974	13.3	22.1
4 11	15 18.91	−23 47.4	2.071	2.965	10.5	21.9
4 21	15 12.52	−23 23.2	1.997	2.955	7.2	21.7
5 1	15 4.62	−22 47.3	1.949	2.945	3.6	21.4
5 11	14 56.06	−22 2.0	1.928	2.935	1.9	21.3
5 21	14 47.76	−21 11.3	1.935	2.925	5.1	21.5
5 31	14 40.62	−20 20.1	1.969	2.914	8.8	21.7
6 10	14 35.32	−19 33.5	2.027	2.904	12.1	21.9

508309 2015 KO_{94} 5 7.6 92.°60 3.°9/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.52	− 7 38.7	2.158	2.995	12.3	21.6
4 11	15 17.30	− 6 47.8	2.086	2.999	9.4	21.4
4 21	15 11.28	− 5 55.6	2.038	3.004	6.4	21.2
5 1	15 4.05	− 5 6.4	2.016	3.008	4.1	21.1
5 11	14 56.38	− 4 24.9	2.022	3.012	4.7	21.1
5 21	14 49.07	− 3 54.7	2.055	3.016	7.3	21.3
5 31	14 42.85	− 3 38.4	2.114	3.020	10.3	21.5
6 10	14 38.26	− 3 36.8	2.195	3.025	13.0	21.7

391260 2006 RZ_{54} 5 7.6 201.°10 2.°9/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.96	−10 19.6	2.441	3.272	11.3	22.2
4 11	15 16.73	− 9 25.2	2.358	3.270	8.6	22.0
4 21	15 10.86	− 8 27.3	2.300	3.268	5.7	21.8
5 1	15 3.88	− 7 29.6	2.270	3.265	3.3	21.7
5 11	14 56.47	− 6 36.4	2.268	3.263	3.7	21.7
5 21	14 49.33	− 5 51.5	2.294	3.260	6.3	21.9
5 31	14 43.15	− 5 18.1	2.347	3.257	9.3	22.0
6 10	14 38.44	− 4 58.0	2.423	3.253	11.9	22.2

206876 2004 FH_{126} 5 7.6 84.°86 0.°9/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.00	−16 4.4	2.155	2.982	12.7	20.7
4 11	15 18.44	−15 38.4	2.085	2.994	9.7	20.5
4 21	15 12.01	−15 5.9	2.038	3.007	6.2	20.3
5 1	15 4.34	−14 29.4	2.018	3.020	2.5	20.1
5 11	14 56.25	−13 52.3	2.026	3.032	1.8	20.1
5 21	14 48.57	−13 18.3	2.061	3.045	5.5	20.3
5 31	14 42.06	−12 50.9	2.124	3.057	8.9	20.6
6 10	14 37.28	−12 32.7	2.209	3.070	11.9	20.8

252820 2002 GU_{62} 5 7.6 339.°26 0.°3/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.99	−16 43.9	1.114	1.981	19.2	20.1
4 11	15 18.87	−16 48.8	1.037	1.968	15.0	19.8
4 21	15 13.37	−16 44.2	0.978	1.955	9.8	19.4
5 1	15 5.20	−16 31.8	0.940	1.943	4.0	19.1
5 11	14 55.73	−16 15.2	0.924	1.933	2.2	18.9
5 21	14 46.62	−15 59.4	0.931	1.924	8.4	19.2
5 31	14 39.46	−15 50.4	0.958	1.916	14.1	19.5
6 10	14 35.39	−15 53.1	1.004	1.910	19.0	19.8

333572 2006 DO_{189} 5 7.6 197.°24 1.°8/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.27	−22 58.7	2.235	3.038	13.1	21.4
4 11	15 21.15	−23 4.7	2.145	3.035	10.3	21.2
4 21	15 13.92	−23 0.7	2.076	3.033	7.0	21.0
5 1	15 5.18	−22 46.7	2.034	3.030	3.6	20.8
5 11	14 55.79	−22 24.2	2.021	3.027	2.0	20.7
5 21	14 46.69	−21 56.1	2.035	3.023	5.1	20.9
5 31	14 38.75	−21 26.3	2.077	3.019	8.6	21.1
6 10	14 32.67	−20 59.2	2.143	3.015	11.8	21.3

104680 2000 GK_{153} 5 7.6 282.°22 1.°4/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.96	−17 22.5	2.050	2.880	13.1	19.2
4 11	15 17.14	−16 16.1	1.959	2.872	10.0	19.0
4 21	15 11.33	−14 58.5	1.892	2.863	6.4	18.8
5 1	15 4.13	−13 33.4	1.852	2.854	2.7	18.5
5 11	14 56.36	−12 6.7	1.840	2.846	2.4	18.5
5 21	14 48.91	−10 44.5	1.856	2.837	6.3	18.7
5 31	14 42.62	− 9 32.8	1.899	2.828	10.0	18.9
6 10	14 38.09	− 8 35.8	1.965	2.820	13.4	19.1

509720 2008 SP_{157} 5 7.6 247.°85 4.°9/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.75	−31 40.8	2.402	3.162	13.5	22.1
4 11	15 24.11	−32 16.4	2.289	3.142	11.2	21.9
4 21	15 16.07	−32 39.2	2.197	3.122	8.6	21.7
5 1	15 6.16	−32 46.4	2.131	3.100	6.1	21.5
5 11	14 55.26	−32 37.0	2.093	3.079	4.9	21.4
5 21	14 44.43	−32 12.1	2.082	3.056	6.3	21.4
5 31	14 34.72	−31 35.6	2.099	3.033	9.0	21.5
6 10	14 26.99	−30 53.2	2.141	3.009	11.9	21.7

411662 2011 WJ_{48} 5 7.6 111.°12 0.°9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.07	−21 12.7	1.726	2.544	15.8	22.0
4 11	15 23.54	−20 57.9	1.660	2.562	12.2	21.8
4 21	15 15.51	−20 31.2	1.615	2.579	8.0	21.6
5 1	15 5.79	−19 54.0	1.596	2.596	3.5	21.3
5 11	14 55.55	−19 9.7	1.604	2.612	1.6	21.2
5 21	14 45.93	−18 23.3	1.639	2.628	6.0	21.5
5 31	14 37.96	−17 40.4	1.701	2.644	10.1	21.8
6 10	14 32.32	−17 5.9	1.785	2.658	13.7	22.1

390294 2013 AT_{31} 5 7.6 288.°91 1.°3/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.79	−13 26.3	2.208	3.035	12.4	20.7
4 11	15 19.18	−13 22.0	2.120	3.030	9.5	20.5
4 21	15 12.61	−13 14.3	2.055	3.024	6.1	20.2
5 1	15 4.65	−13 4.7	2.017	3.018	2.6	20.0
5 11	14 56.09	−12 55.7	2.007	3.012	2.1	20.0
5 21	14 47.78	−12 49.8	2.024	3.007	5.6	20.2
5 31	14 40.54	−12 49.5	2.069	3.001	9.2	20.4
6 10	14 35.00	−12 56.8	2.137	2.996	12.3	20.6

145809 1998 SF_{84} 5 7.6 273.°30 0.°0/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.15	−18 21.6	1.724	2.552	15.3	20.7
4 11	15 21.79	−18 12.3	1.623	2.532	11.9	20.4
4 21	15 14.76	−17 53.3	1.544	2.512	7.9	20.1
5 1	15 5.67	−17 25.7	1.490	2.492	3.3	19.8
5 11	14 55.53	−16 52.4	1.462	2.471	1.7	19.6
5 21	14 45.54	−16 17.6	1.461	2.449	6.6	19.9
5 31	14 36.92	−15 46.8	1.485	2.428	11.3	20.1
6 10	14 30.59	−15 24.7	1.531	2.406	15.4	20.3

259332 2003 FH_{108} 5 7.6 137.°69 2.°9/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.88	−25 24.9	2.321	3.103	13.3	21.1
4 11	15 25.27	−25 52.4	2.242	3.118	10.6	20.9
4 21	15 16.49	−26 9.4	2.187	3.133	7.4	20.7
5 1	15 6.20	−26 14.7	2.159	3.147	4.3	20.5
5 11	14 55.34	−26 8.7	2.159	3.160	2.9	20.5
5 21	14 44.87	−25 53.5	2.189	3.173	5.2	20.6
5 31	14 35.72	−25 32.9	2.247	3.184	8.3	20.8
6 10	14 28.55	−25 11.5	2.330	3.195	11.2	21.1

334890 2003 UM_{377} 5 7.6 195.°30 0.°9/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.63	−16 32.3	2.199	3.022	12.6	21.9
4 11	15 19.02	−16 3.2	2.113	3.021	9.7	21.7
4 21	15 12.48	−15 26.7	2.051	3.019	6.2	21.4
5 1	15 4.59	−14 45.3	2.015	3.017	2.5	21.2
5 11	14 56.16	−14 2.2	2.008	3.015	1.8	21.1
5 21	14 48.04	−13 21.6	2.029	3.012	5.5	21.4
5 31	14 41.04	−12 47.3	2.076	3.009	9.1	21.6
6 10	14 35.77	−12 22.4	2.147	3.006	12.2	21.8

376815 2000 YW_{51} 5 7.6 153.°01 2.°8/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.97	−28 37.2	2.724	3.495	11.8	22.5
4 11	15 21.24	−28 32.4	2.639	3.506	9.5	22.4
4 21	15 13.74	−28 15.5	2.577	3.516	6.8	22.2
5 1	15 5.05	−27 46.1	2.541	3.526	4.1	22.0
5 11	14 55.94	−27 5.8	2.535	3.534	2.8	22.0
5 21	14 47.19	−26 17.6	2.559	3.542	4.5	22.1
5 31	14 39.53	−25 25.7	2.611	3.550	7.2	22.3
6 10	14 33.51	−24 34.7	2.688	3.556	9.8	22.4

482805 2013 VB_2 5 7.6 121.°67 10.°7/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 42.76	+ 6 42.2	1.152	1.978	21.5	20.5
4 11	15 35.04	+ 6 41.9	1.093	1.986	17.7	20.3
4 21	15 23.47	+ 6 21.1	1.051	1.994	13.9	20.1
5 1	15 9.15	+ 5 31.9	1.032	2.001	11.1	20.0
5 11	14 53.87	+ 4 11.1	1.038	2.008	11.1	20.0
5 21	14 39.54	+ 2 21.5	1.068	2.015	13.9	20.2
5 31	14 27.82	+ 0 10.1	1.121	2.021	17.8	20.4
6 10	14 19.66	− 2 14.6	1.193	2.027	21.5	20.7

189766 2002 BK_{19} 5 7.6 161.°13 11.°4/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.34	+14 19.9	2.029	2.830	14.3	20.0
4 11	15 19.55	+15 52.0	1.979	2.833	12.7	19.9
4 21	15 12.78	+17 8.8	1.951	2.836	11.6	19.8
5 1	15 4.69	+18 2.7	1.946	2.838	11.4	19.8
5 11	14 56.15	+18 28.4	1.964	2.840	12.2	19.9
5 21	14 48.07	+18 24.1	2.005	2.842	13.7	20.0
5 31	14 41.22	+17 50.8	2.065	2.843	15.4	20.1
6 10	14 36.21	+16 52.4	2.142	2.845	17.1	20.2

126448 2002 CS_{19} 5 7.6 124.°62 1.°7/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.20	−22 35.1	2.018	2.825	14.2	20.4
4 11	15 21.94	−22 38.4	1.941	2.836	11.1	20.2
4 21	15 14.44	−22 31.1	1.887	2.846	7.5	20.0
5 1	15 5.40	−22 13.3	1.859	2.856	3.6	19.8
5 11	14 55.78	−21 47.1	1.858	2.865	1.9	19.7
5 21	14 46.60	−21 15.9	1.885	2.874	5.3	19.9
5 31	14 38.78	−20 44.1	1.939	2.883	9.0	20.1
6 10	14 33.00	−20 16.2	2.017	2.891	12.3	20.4

193507 2000 YF_{40} 5 7.6 149.°35 5.°3/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.87	−35 1.5	2.209	2.965	14.7	20.5
4 11	15 21.77	−35 3.3	2.123	2.971	12.2	20.3
4 21	15 14.36	−34 46.5	2.058	2.977	9.4	20.2
5 1	15 5.37	−34 9.5	2.017	2.982	6.8	20.0
5 11	14 55.80	−33 13.5	2.002	2.987	5.3	19.9
5 21	14 46.69	−32 2.2	2.015	2.991	6.3	20.0
5 31	14 39.01	−30 42.1	2.055	2.996	8.8	20.1
6 10	14 33.42	−29 20.5	2.120	2.999	11.6	20.3

237097 2008 TE_{45} 5 7.6 163.°56 0.°2/ 7.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.41	−18 44.8	2.084	2.906	13.3	20.7
4 11	15 18.96	−18 13.7	2.002	2.908	10.2	20.5
4 21	15 12.48	−17 33.3	1.942	2.909	6.6	20.3
5 1	15 4.60	−16 45.6	1.909	2.911	2.6	20.0
5 11	14 56.19	−15 54.5	1.904	2.912	1.5	19.9
5 21	14 48.15	−15 4.3	1.927	2.914	5.5	20.2
5 31	14 41.31	−14 19.8	1.977	2.915	9.2	20.4
6 10	14 36.30	−13 44.8	2.050	2.915	12.5	20.6

98216 2000 SQ_{140} 5 7.6 96.°07 1.°0/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.30	−21 46.8	1.516	2.344	17.1	19.5
4 11	15 22.58	−21 26.3	1.449	2.356	13.2	19.2
4 21	15 15.10	−20 51.7	1.402	2.368	8.8	19.0
5 1	15 5.70	−20 4.4	1.380	2.380	3.9	18.7
5 11	14 55.66	−19 8.9	1.383	2.391	1.7	18.6
5 21	14 46.26	−18 11.4	1.412	2.403	6.5	18.9
5 31	14 38.65	−17 18.6	1.467	2.414	11.0	19.2
6 10	14 33.57	−16 36.4	1.543	2.425	15.0	19.5

92581 2000 PY_1 5 7.6 150.°47 3.°8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.07	−26 30.9	1.566	2.376	17.5	19.3
4 11	15 24.21	−26 49.3	1.488	2.379	14.0	19.0
4 21	15 16.36	−26 51.8	1.429	2.382	9.9	18.8
5 1	15 6.30	−26 36.8	1.394	2.385	5.8	18.6
5 11	14 55.32	−26 5.3	1.385	2.387	3.8	18.5
5 21	14 44.83	−25 21.6	1.401	2.390	6.8	18.6
5 31	14 36.15	−24 32.7	1.442	2.391	11.0	18.9
6 10	14 30.17	−23 46.1	1.505	2.393	14.9	19.1

83550 2001 SW_{174} 5 7.6 327.°19 5.°1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.61	− 5 26.9	1.996	2.839	12.9	18.7
4 11	15 16.83	− 4 23.0	1.920	2.835	10.1	18.5
4 21	15 11.12	− 3 18.6	1.868	2.831	7.1	18.3
5 1	15 4.07	− 2 19.2	1.842	2.828	5.2	18.2
5 11	14 56.49	− 1 30.4	1.842	2.824	5.9	18.2
5 21	14 49.24	− 0 56.3	1.869	2.821	8.6	18.4
5 31	14 43.12	− 0 39.9	1.920	2.818	11.6	18.6
6 10	14 38.73	− 0 41.7	1.992	2.815	14.4	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
101885	1999 NV_{40}		5 7.6	221.°71	6.°0/13.3	18
	h m	° ′			°	m
4 1	15 26.84	−39 47.4	3.009	3.718	12.1	19.6
4 11	15 21.47	−40 18.4	2.904	3.709	10.4	19.4
4 21	15 14.11	−40 34.6	2.820	3.699	8.6	19.3
5 1	15 5.30	−40 33.6	2.760	3.689	7.0	19.2
5 11	14 55.83	−40 14.6	2.726	3.679	6.1	19.1
5 21	14 46.56	−39 38.9	2.720	3.668	6.4	19.1
5 31	14 38.32	−38 49.9	2.741	3.657	7.9	19.2
6 10	14 31.77	−37 52.8	2.787	3.645	9.8	19.3
35517	1998 FV_{58}		5 7.6	235.°48	3.°3/ 4.6	18
4 1	15 20.86	− 8 54.2	2.455	3.287	11.2	18.7
4 11	15 16.70	− 8 1.1	2.368	3.280	8.6	18.5
4 21	15 10.90	− 7 5.4	2.306	3.273	5.8	18.3
5 1	15 3.96	− 6 10.8	2.272	3.265	3.6	18.2
5 11	14 56.56	− 5 21.6	2.266	3.257	4.0	18.2
5 21	14 49.40	− 4 41.4	2.287	3.250	6.6	18.4
5 31	14 43.17	− 4 13.4	2.336	3.242	9.5	18.5
6 10	14 38.38	− 3 59.0	2.407	3.233	12.1	18.7
215573	2003 FN_{61}		5 7.6	12.°64	3.°2/ 5.3	17
4 1	15 21.13	− 9 41.0	2.039	2.879	12.8	20.1
4 11	15 17.18	− 9 3.7	1.964	2.880	9.8	19.9
4 21	15 11.32	− 8 24.0	1.913	2.882	6.5	19.7
5 1	15 4.15	− 7 45.7	1.887	2.884	3.6	19.5
5 11	14 56.47	− 7 13.0	1.889	2.886	3.9	19.5
5 21	14 49.14	− 6 49.4	1.917	2.888	7.0	19.7
5 31	14 42.95	− 6 37.8	1.971	2.891	10.3	19.9
6 10	14 38.47	− 6 39.5	2.047	2.894	13.2	20.1
72648	2001 FY_{42}		5 7.6	205.°97	2.°1/ 5.9	18
4 1	15 22.82	−13 22.3	2.126	2.957	12.7	19.6
4 11	15 18.45	−12 39.4	2.042	2.955	9.7	19.4
4 21	15 12.15	−11 50.7	1.983	2.952	6.3	19.2
5 1	15 4.49	−10 59.5	1.949	2.950	2.9	19.0
5 11	14 56.31	−10 10.2	1.944	2.947	2.9	19.0
5 21	14 48.45	− 9 27.1	1.967	2.944	6.3	19.2
5 31	14 41.71	− 8 53.9	2.016	2.941	9.8	19.4
6 10	14 36.69	− 8 33.4	2.088	2.937	12.9	19.6
274763	2008 UR_{302}		5 7.6	188.°23	0.°7/ 8.4	18
4 1	15 19.01	−21 4.2	3.589	4.387	8.7	21.8
4 11	15 14.85	−20 54.2	3.495	4.387	6.7	21.6
4 21	15 9.51	−20 38.2	3.427	4.386	4.4	21.5
5 1	15 3.36	−20 17.0	3.386	4.385	2.0	21.3
5 11	14 56.90	−19 52.0	3.375	4.383	1.0	21.2
5 21	14 50.62	−19 25.3	3.394	4.382	3.3	21.4
5 31	14 44.99	−18 59.0	3.442	4.380	5.7	21.5
6 10	14 40.40	−18 35.5	3.516	4.378	7.8	21.7
482144	2010 SJ_{26}		5 7.6	258.°05	1.°5/ 6.3	18
4 1	15 21.62	−13 39.4	2.713	3.534	10.6	21.9
4 11	15 17.25	−13 12.4	2.609	3.516	8.1	21.7
4 21	15 11.27	−12 40.9	2.530	3.498	5.2	21.5
5 1	15 4.14	−12 6.9	2.479	3.480	2.3	21.2
5 11	14 56.49	−11 33.3	2.457	3.461	2.1	21.2
5 21	14 48.99	−11 3.1	2.464	3.442	5.1	21.4
5 31	14 42.31	−10 39.1	2.498	3.423	8.2	21.5
6 10	14 36.98	−10 23.7	2.557	3.403	10.9	21.7
49657	1999 JH_{99}		5 7.6	61.°89	5.°5/ 4.0	18
4 1	15 23.92	− 2 48.0	1.961	2.798	13.4	18.0
4 11	15 19.13	− 2 4.2	1.910	2.819	10.4	17.8
4 21	15 12.45	− 1 24.3	1.882	2.840	7.5	17.7
5 1	15 4.56	− 0 53.0	1.880	2.862	5.6	17.6
5 11	14 56.34	− 0 34.4	1.905	2.883	6.1	17.7
5 21	14 48.64	− 0 30.9	1.956	2.905	8.5	17.9
5 31	14 42.22	− 0 43.3	2.031	2.926	11.2	18.1
6 10	14 37.59	− 1 10.8	2.129	2.948	13.8	18.3
1577	Reiss		5 7.6	200.°03	2.°7/ 5.9	18
4 1	15 28.26	−12 16.8	1.765	2.597	14.9	16.8
4 11	15 23.04	−11 39.4	1.681	2.594	11.4	16.6
4 21	15 15.34	−10 56.3	1.621	2.590	7.5	16.4
5 1	15 5.86	−10 11.2	1.586	2.585	3.6	16.1
5 11	14 55.63	− 9 29.1	1.578	2.580	3.6	16.1
5 21	14 45.78	− 8 54.7	1.598	2.574	7.6	16.3
5 31	14 37.36	− 8 32.2	1.643	2.567	11.6	16.5
6 10	14 31.14	− 8 24.2	1.710	2.560	15.2	16.7
277636	2006 BK_{89}		5 7.6	143.°85	1.°7/ 6.5	17
4 1	15 24.77	−14 2.1	1.978	2.808	13.5	21.2
4 11	15 20.05	−13 35.8	1.901	2.813	10.3	21.0
4 21	15 13.23	−13 4.0	1.847	2.817	6.7	20.8
5 1	15 4.94	−12 29.4	1.819	2.820	2.9	20.5
5 11	14 56.11	−11 55.8	1.819	2.824	2.5	20.5
5 21	14 47.67	−11 26.9	1.846	2.827	6.3	20.8
5 31	14 40.48	−11 6.5	1.900	2.830	9.9	21.0
6 10	14 35.20	−10 56.8	1.976	2.833	13.2	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3144	Brosche		5 7.6	264.°11	1.°5/ 8.5	18 R
	h m	° ′			°	m
4 1	15 26.90	−23 7.2	1.605	2.427	16.6	17.7
4 11	15 22.67	−22 46.8	1.504	2.406	13.1	17.5
4 21	15 15.51	−22 10.1	1.422	2.385	8.9	17.2
5 1	15 6.07	−21 17.3	1.365	2.364	4.2	16.8
5 11	14 55.47	−20 11.5	1.334	2.342	2.0	16.6
5 21	14 45.08	−18 58.8	1.329	2.320	6.8	16.9
5 31	14 36.22	−17 47.3	1.349	2.297	11.8	17.1
6 10	14 29.90	−16 44.9	1.391	2.273	16.3	17.3
491921	2013 CX_{72}		5 7.6	158.°42	3.°0/10.7	18
4 1	15 23.86	−30 3.2	3.071	3.835	10.8	22.2
4 11	15 18.78	−30 3.1	2.982	3.842	8.7	22.1
4 21	15 12.14	−29 51.6	2.915	3.848	6.4	21.9
5 1	15 4.45	−29 28.4	2.876	3.854	4.2	21.8
5 11	14 56.37	−28 54.8	2.865	3.859	3.0	21.7
5 21	14 48.57	−28 13.0	2.883	3.864	4.3	21.8
5 31	14 41.68	−27 26.6	2.930	3.869	6.5	22.0
6 10	14 36.20	−26 39.5	3.003	3.873	8.8	22.1
330788	2008 UK_{75}		5 7.6	152.°46	1.°0/ 8.8	18
4 1	15 18.82	−22 42.2	3.728	4.521	8.5	21.6
4 11	15 14.65	−22 31.8	3.639	4.526	6.6	21.5
4 21	15 9.35	−22 15.0	3.575	4.531	4.4	21.3
5 1	15 3.30	−21 52.3	3.539	4.535	2.2	21.2
5 11	14 56.96	−21 25.3	3.533	4.540	1.1	21.1
5 21	14 50.82	−20 55.9	3.556	4.544	3.2	21.3
5 31	14 45.32	−20 26.3	3.609	4.548	5.4	21.4
6 10	14 40.83	−19 58.8	3.688	4.552	7.4	21.6
1247	Memoria		5 7.6	303.°06	0.°9/ 6.9	18
4 1	15 21.18	−16 17.2	2.129	2.959	12.7	15.3
4 11	15 17.39	−15 54.3	2.031	2.942	9.8	15.0
4 21	15 11.60	−15 24.2	1.955	2.925	6.3	14.8
5 1	15 4.33	−14 48.8	1.906	2.908	2.6	14.5
5 11	14 56.40	−14 11.6	1.884	2.891	1.8	14.4
5 21	14 48.66	−13 36.4	1.890	2.875	5.7	14.7
5 31	14 41.96	−13 7.0	1.921	2.858	9.5	14.8
6 10	14 36.99	−12 47.0	1.976	2.842	12.8	15.0
25109	Hofving		5 7.6	320.°73	0.°7/ 8.0	18
4 1	15 21.88	−20 17.4	1.344	2.191	17.7	18.8
4 11	15 19.15	−20 6.0	1.256	2.175	13.9	18.5
4 21	15 13.37	−19 40.4	1.187	2.159	9.3	18.2
5 1	15 5.22	−19 1.8	1.141	2.143	4.0	17.8
5 11	14 55.93	−18 14.0	1.119	2.128	1.8	17.6
5 21	14 46.91	−17 23.3	1.121	2.114	7.4	17.9
5 31	14 39.59	−16 37.1	1.146	2.100	12.7	18.2
6 10	14 35.00	−16 2.1	1.191	2.088	17.4	18.4
217931	2001 TL_{40}		5 7.6	123.°53	3.°5/10.6	18
4 1	15 28.00	−30 9.2	2.248	3.021	13.9	20.1
4 11	15 22.35	−29 57.9	2.172	3.039	11.2	19.9
4 21	15 14.59	−29 30.8	2.119	3.057	8.1	19.7
5 1	15 5.46	−28 47.9	2.091	3.073	5.1	19.6
5 11	14 55.90	−27 51.2	2.091	3.090	3.5	19.5
5 21	14 46.86	−26 45.2	2.120	3.105	5.2	19.6
5 31	14 39.21	−25 35.7	2.177	3.120	8.2	19.8
6 10	14 33.53	−24 28.7	2.259	3.134	11.1	20.0
498355	2007 VP_{309}		5 7.6	118.°72	3.°0/ 5.4	17
4 1	15 24.52	− 7 33.8	2.597	3.420	10.9	21.4
4 11	15 19.23	− 7 12.9	2.529	3.435	8.4	21.3
4 21	15 12.39	− 6 52.1	2.486	3.450	5.6	21.1
5 1	15 4.54	− 6 34.1	2.471	3.465	3.3	21.0
5 11	14 56.36	− 6 21.5	2.485	3.479	3.5	21.0
5 21	14 48.53	− 6 16.3	2.528	3.493	5.9	21.2
5 31	14 41.67	− 6 20.1	2.597	3.506	8.5	21.4
6 10	14 36.28	− 6 33.4	2.691	3.519	11.0	21.6
371743	2007 EL_{192}		5 7.6	14.°90	0.°7/ 8.6	18
4 1	15 16.55	−21 14.4	4.087	4.886	7.7	20.9
4 11	15 12.88	−21 12.4	3.996	4.887	6.0	20.7
4 21	15 8.19	−21 5.3	3.930	4.888	4.0	20.6
5 1	15 2.83	−20 53.7	3.892	4.889	1.9	20.4
5 11	14 57.21	−20 38.9	3.883	4.891	0.9	20.3
5 21	14 51.73	−20 22.2	3.904	4.892	2.9	20.5
5 31	14 46.79	−20 5.5	3.954	4.894	5.0	20.7
6 10	14 42.74	−19 50.4	4.030	4.895	6.9	20.8
230901	2004 TL_{63}		5 7.6	179.°80	1.°5/ 8.6	17
4 1	15 26.76	−21 57.1	2.206	3.011	13.2	21.4
4 11	15 21.53	−22 1.7	2.119	3.012	10.3	21.2
4 21	15 14.20	−21 56.9	2.054	3.013	7.0	21.0
5 1	15 5.37	−21 42.8	2.016	3.013	3.3	20.7
5 11	14 55.92	−21 21.2	2.006	3.013	1.7	20.6
5 21	14 46.77	−20 54.9	2.024	3.012	5.1	20.8
5 31	14 38.82	−20 27.9	2.070	3.011	8.6	21.1
6 10	14 32.74	−20 4.1	2.139	3.010	11.8	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
109128	2001 QW_{48}		5	7.6	79.°03	8.°3/12.9 18
	h m	° ′			°	m
4 1	15 30.20	−37 30.6	1.702	2.461	18.3	19.5
4 11	15 25.24	−38 23.0	1.629	2.471	15.6	19.3
4 21	15 17.11	−38 53.7	1.574	2.481	12.6	19.1
5 1	15 6.66	−38 57.7	1.541	2.491	9.8	19.0
5 11	14 55.26	−38 33.8	1.532	2.501	8.3	18.9
5 21	14 44.44	−37 44.9	1.548	2.511	9.0	19.0
5 31	14 35.59	−36 38.5	1.587	2.521	11.3	19.1
6 10	14 29.61	−35 24.2	1.649	2.531	14.1	19.3
106688	2000 WS_{157}		5	7.6	198.°50	1.°6/ 6.8 18
4 1	15 30.15	−12 51.5	1.878	2.702	14.4	19.6
4 11	15 24.40	−12 49.0	1.792	2.700	11.1	19.4
4 21	15 16.21	−12 42.9	1.729	2.697	7.2	19.2
5 1	15 6.23	−12 35.1	1.692	2.693	3.1	18.9
5 11	14 55.47	−12 28.1	1.683	2.688	2.5	18.9
5 21	14 45.04	−12 24.9	1.702	2.683	6.6	19.1
5 31	14 35.98	−12 28.2	1.747	2.678	10.7	19.3
6 10	14 29.07	−12 40.2	1.815	2.671	14.2	19.5
143618	2003 GQ_{28}		5	7.6	151.°50	3.°3/ 4.7 18
4 1	15 20.61	− 9 24.2	2.380	3.214	11.4	20.1
4 11	15 16.51	− 8 29.2	2.303	3.216	8.7	19.9
4 21	15 10.78	− 7 31.5	2.250	3.217	5.8	19.8
5 1	15 3.93	− 6 35.1	2.225	3.219	3.5	19.6
5 11	14 56.67	− 5 44.1	2.227	3.220	4.0	19.6
5 21	14 49.72	− 5 2.5	2.258	3.221	6.6	19.8
5 31	14 43.74	− 4 33.2	2.314	3.223	9.5	20.0
6 10	14 39.24	− 4 17.8	2.394	3.224	12.1	20.2
506273	2016 RV_{10}		5	7.6	220.°76	3.°4/10.7 18
4 1	15 24.32	−30 7.6	2.717	3.486	11.9	22.1
4 11	15 19.47	−30 11.9	2.615	3.478	9.7	21.9
4 21	15 12.78	−30 3.7	2.536	3.470	7.2	21.7
5 1	15 4.78	−29 42.1	2.483	3.462	4.7	21.6
5 11	14 56.22	−29 8.1	2.458	3.453	3.4	21.5
5 21	14 47.88	−28 24.2	2.462	3.443	4.8	21.6
5 31	14 40.54	−27 34.2	2.493	3.434	7.4	21.7
6 10	14 34.79	−26 43.1	2.550	3.424	10.0	21.9
440093	2002 TE_{353}		5	7.6	287.°22	0.°4/ 7.3 18
4 1	15 19.64	−17 54.0	2.649	3.468	10.8	21.5
4 11	15 15.74	−17 25.0	2.557	3.462	8.3	21.3
4 21	15 10.28	−16 48.9	2.489	3.456	5.4	21.1
5 1	15 3.74	−16 7.7	2.448	3.450	2.1	20.9
5 11	14 56.77	−15 24.2	2.436	3.444	1.3	20.8
5 21	14 50.02	−14 41.7	2.453	3.438	4.6	21.0
5 31	14 44.14	−14 3.5	2.497	3.432	7.7	21.2
6 10	14 39.64	−13 32.8	2.566	3.427	10.4	21.4
42103	2001 AO_{34}		5	7.6	1.°99	0.°1/ 7.7 18
4 1	15 23.07	−17 37.0	2.189	3.012	12.7	19.0
4 11	15 18.69	−17 39.5	2.106	3.011	9.8	18.8
4 21	15 12.34	−17 35.8	2.045	3.011	6.4	18.6
5 1	15 4.62	−17 26.9	2.010	3.012	2.6	18.4
5 11	14 56.32	−17 14.8	2.003	3.012	1.3	18.3
5 21	14 48.31	−17 2.1	2.025	3.012	5.1	18.6
5 31	14 41.40	−16 51.7	2.072	3.013	8.7	18.8
6 10	14 36.23	−16 46.6	2.144	3.014	11.8	19.0
465059	2006 SF_{41}		5	7.6	259.°70	1.°5/ 6.7 17
4 1	15 26.26	−15 23.1	1.804	2.635	14.6	22.2
4 11	15 21.72	−14 53.6	1.704	2.616	11.3	21.9
4 21	15 14.65	−14 15.6	1.626	2.596	7.4	21.7
5 1	15 5.68	−13 31.7	1.574	2.576	3.1	21.4
5 11	14 55.76	−12 46.1	1.549	2.555	2.5	21.3
5 21	14 46.02	−12 3.8	1.550	2.533	7.0	21.5
5 31	14 37.57	−11 29.9	1.578	2.511	11.4	21.7
6 10	14 31.28	−11 8.5	1.627	2.489	15.3	21.9
352605	2008 EH_{90}		5	7.6	123.°16	7.°0/30.9 18
4 1	15 21.41	+ 6 6.3	2.661	3.476	10.9	20.5
4 11	15 16.85	+ 7 9.5	2.605	3.487	9.1	20.4
4 21	15 10.86	+ 8 4.9	2.573	3.497	7.6	20.3
5 1	15 3.93	+ 8 48.1	2.568	3.507	7.0	20.3
5 11	14 56.71	+ 9 15.2	2.589	3.517	7.6	20.3
5 21	14 49.82	+ 9 24.5	2.636	3.526	9.1	20.5
5 31	14 43.84	+ 9 15.4	2.707	3.536	10.8	20.6
6 10	14 39.20	+ 8 49.3	2.799	3.545	12.6	20.7
271661	2004 RH_{39}		5	7.6	198.°95	1.°3/ 6.7 17
4 1	15 25.20	−14 44.5	2.083	2.908	13.1	21.4
4 11	15 20.37	−14 21.7	1.998	2.906	10.1	21.2
4 21	15 13.46	−13 53.0	1.935	2.904	6.5	20.9
5 1	15 5.09	−13 20.7	1.900	2.901	2.7	20.7
5 11	14 56.12	−12 48.3	1.892	2.898	2.2	20.6
5 21	14 47.46	−12 19.3	1.913	2.895	6.0	20.9
5 31	14 39.99	−11 57.5	1.959	2.891	9.7	21.1
6 10	14 34.35	−11 45.5	2.030	2.887	12.9	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
288663	2004 PB_{61}		5	7.6	239.°96	7.°8/12.9 18
	h m	° ′			°	m
4 1	15 30.29	−39 12.3	2.200	2.929	15.5	21.2
4 11	15 24.98	−40 0.1	2.097	2.917	13.4	21.0
4 21	15 16.88	−40 29.9	2.015	2.904	11.1	20.8
5 1	15 6.63	−40 37.4	1.955	2.891	9.0	20.7
5 11	14 55.30	−40 20.2	1.920	2.878	7.8	20.6
5 21	14 44.17	−39 39.5	1.911	2.864	8.4	20.6
5 31	14 34.50	−38 40.4	1.928	2.850	10.3	20.7
6 10	14 27.23	−37 30.5	1.968	2.835	12.8	20.8
403536	2010 GW_{102}		5	7.7	113.°03	3.°5/ 9.4 18
4 1	15 31.39	−24 56.5	1.450	2.266	18.3	21.8
4 11	15 26.14	−25 23.6	1.379	2.275	14.6	21.6
4 21	15 17.69	−25 35.9	1.328	2.285	10.2	21.4
5 1	15 6.92	−25 31.5	1.301	2.294	5.7	21.1
5 11	14 55.23	−25 11.3	1.299	2.303	3.6	21.0
5 21	14 44.14	−24 39.5	1.322	2.311	7.0	21.2
5 31	14 35.05	−24 2.8	1.370	2.319	11.5	21.5
6 10	14 28.87	−23 28.5	1.439	2.327	15.5	21.8
80082	1999 JA_{133}		5	7.7	291.°17	1.°9/ 6.0 17
4 1	15 20.82	−14 49.6	2.153	2.985	12.5	19.6
4 11	15 16.94	−13 56.4	2.068	2.981	9.5	19.4
4 21	15 11.20	−12 55.7	2.007	2.978	6.1	19.2
5 1	15 4.17	−11 51.0	1.973	2.974	2.7	18.9
5 11	14 56.63	−10 47.3	1.967	2.970	2.7	18.9
5 21	14 49.40	− 9 49.3	1.989	2.967	6.1	19.1
5 31	14 43.26	− 9 1.4	2.037	2.963	9.6	19.3
6 10	14 38.78	− 8 26.8	2.108	2.960	12.7	19.5
474083	2016 JZ_{35}		5	7.7	300.°47	4.°6/ 4.5 17
4 1	15 21.81	− 9 39.3	1.596	2.448	15.2	20.7
4 11	15 18.51	− 8 34.8	1.503	2.425	11.8	20.4
4 21	15 12.67	− 7 23.6	1.432	2.403	8.0	20.1
5 1	15 4.91	− 6 11.7	1.386	2.381	4.9	19.9
5 11	14 56.22	− 5 6.3	1.365	2.359	5.7	19.9
5 21	14 47.73	− 4 14.4	1.369	2.337	9.5	20.1
5 31	14 40.58	− 3 41.5	1.397	2.316	13.7	20.2
6 10	14 35.64	− 3 30.2	1.444	2.295	17.5	20.4
296976	2010 EY_{98}		5	7.7	179.°74	1.°9/ 6.3 17
4 1	15 23.17	−13 21.9	2.068	2.900	13.0	21.0
4 11	15 18.80	−12 53.2	1.988	2.900	9.9	20.7
4 21	15 12.43	−12 19.4	1.931	2.900	6.4	20.5
5 1	15 4.68	−11 43.6	1.900	2.900	2.9	20.3
5 11	14 56.38	−11 9.3	1.896	2.900	2.7	20.3
5 21	14 48.42	−10 40.4	1.921	2.900	6.2	20.5
5 31	14 41.61	−10 20.2	1.971	2.900	9.7	20.7
6 10	14 36.59	−10 11.0	2.044	2.900	12.9	20.9
151103	2001 VV_{132}		5	7.7	206.°26	3.°3/ 4.6 18
4 1	15 21.14	− 8 50.3	2.490	3.321	11.1	20.3
4 11	15 16.89	− 7 56.2	2.407	3.318	8.5	20.1
4 21	15 11.04	− 6 59.7	2.349	3.315	5.7	19.9
5 1	15 4.08	− 6 4.4	2.318	3.311	3.5	19.8
5 11	14 56.70	− 5 14.7	2.316	3.307	4.0	19.8
5 21	14 49.58	− 4 34.1	2.342	3.304	6.5	19.9
5 31	14 43.38	− 4 5.6	2.394	3.299	9.3	20.1
6 10	14 38.61	− 3 50.5	2.470	3.295	11.9	20.3
388812	2008 BP_{52}		5	7.7	156.°54	7.°0/30.5 18
4 1	15 20.97	+ 4 46.4	2.564	3.384	11.1	21.1
4 11	15 16.64	+ 6 2.6	2.501	3.388	9.2	21.0
4 21	15 10.80	+ 7 12.4	2.464	3.392	7.6	20.9
5 1	15 3.96	+ 8 10.4	2.453	3.396	7.0	20.8
5 11	14 56.77	+ 8 52.4	2.468	3.399	7.8	20.9
5 21	14 49.89	+ 9 15.6	2.509	3.402	9.4	21.0
5 31	14 43.91	+ 9 19.2	2.574	3.405	11.3	21.1
6 10	14 39.31	+ 9 4.2	2.659	3.407	13.1	21.3
115057	2003 RC_{7}		5	7.7	217.°29	2.°5/ 9.5 18
4 1	15 25.13	−25 43.1	2.167	2.964	13.6	20.1
4 11	15 20.45	−25 43.8	2.074	2.960	10.8	19.9
4 21	15 13.60	−25 32.1	2.004	2.956	7.6	19.7
5 1	15 5.19	−25 7.7	1.960	2.952	4.2	19.5
5 11	14 56.12	−24 32.1	1.943	2.947	2.6	19.4
5 21	14 47.34	−23 48.8	1.954	2.942	5.2	19.5
5 31	14 39.78	−23 2.6	1.992	2.937	8.7	19.7
6 10	14 34.12	−22 18.8	2.054	2.931	11.9	19.9
78894	2003 SM_{49}		5	7.7	94.°22	1.°0/ 6.9 18
4 1	15 25.02	−18 7.4	1.520	2.359	16.5	19.9
4 11	15 20.85	−17 20.0	1.449	2.365	12.6	19.6
4 21	15 14.04	−16 20.1	1.399	2.371	8.1	19.4
5 1	15 5.38	−15 11.6	1.374	2.376	3.2	19.1
5 11	14 56.06	−14 0.5	1.374	2.382	2.3	19.0
5 21	14 47.30	−12 54.0	1.401	2.387	7.2	19.3
5 31	14 40.19	−11 58.7	1.452	2.393	11.7	19.6
6 10	14 35.49	−11 19.1	1.525	2.398	15.6	19.9

27710 Henseling 5 7.7 245.°74 2.°4/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.72	−13 37.8	1.645	2.481	15.6	20.1
4 11	15 23.01	−13 0.3	1.552	2.466	12.0	19.8
4 21	15 15.59	−12 14.9	1.480	2.450	7.9	19.6
5 1	15 6.11	−11 25.1	1.433	2.433	3.6	19.3
5 11	14 55.63	−10 35.9	1.412	2.416	3.5	19.2
5 21	14 45.40	− 9 53.2	1.419	2.398	7.9	19.4
5 31	14 36.61	− 9 22.3	1.450	2.380	12.5	19.6
6 10	14 30.18	− 9 6.9	1.502	2.361	16.5	19.8

404979 1999 XQ_{139} 5 7.7 249.°69 0.°4/ 7.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 18.86	−16 0.8	3.916	4.724	7.8	22.7
4 11	15 14.70	−15 46.1	3.806	4.706	6.0	22.5
4 21	15 9.43	−15 27.6	3.722	4.687	3.8	22.4
5 1	15 3.40	−15 6.5	3.667	4.669	1.6	22.2
5 11	14 57.03	−14 44.4	3.642	4.649	1.0	22.1
5 21	14 50.76	−14 23.0	3.647	4.630	3.4	22.3
5 31	14 45.03	−14 4.1	3.681	4.610	5.7	22.4
6 10	14 40.20	−13 49.5	3.741	4.590	7.7	22.5

198275 2004 TE_{274} 5 7.7 282.°24 0.°6/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.46	−20 24.3	1.872	2.694	14.5	20.4
4 11	15 20.36	−20 11.1	1.767	2.672	11.4	20.2
4 21	15 13.80	−19 46.7	1.685	2.650	7.6	19.9
5 1	15 5.37	−19 12.1	1.628	2.628	3.3	19.6
5 11	14 56.00	−18 29.8	1.597	2.606	1.5	19.4
5 21	14 46.78	−17 44.2	1.594	2.583	6.0	19.6
5 31	14 38.79	−17 0.9	1.616	2.560	10.4	19.8
6 10	14 32.90	−16 25.1	1.661	2.537	14.3	20.0

222805 2002 CO_{247} 5 7.7 102.°49 6.°4/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 33.54	−36 20.0	2.227	2.964	15.1	21.3
4 11	15 26.87	−37 3.8	2.160	2.991	12.7	21.2
4 21	15 17.70	−37 29.9	2.114	3.016	10.0	21.1
5 1	15 6.82	−37 35.3	2.092	3.041	7.7	21.0
5 11	14 55.34	−37 19.5	2.096	3.066	6.4	20.9
5 21	14 44.45	−36 45.1	2.128	3.089	7.1	21.0
5 31	14 35.16	−35 57.6	2.187	3.112	9.1	21.2
6 10	14 28.21	−35 3.8	2.270	3.134	11.4	21.4

276527 2003 RZ_{25} 5 7.7 275.°04 3.°2/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.45	−28 23.5	2.063	2.855	14.4	20.3
4 11	15 20.23	−28 9.7	1.953	2.834	11.7	20.0
4 21	15 13.65	−27 39.2	1.865	2.812	8.4	19.8
5 1	15 5.28	−26 51.5	1.801	2.790	5.0	19.5
5 11	14 56.06	−25 48.2	1.765	2.767	3.2	19.4
5 21	14 47.04	−24 33.7	1.756	2.745	5.7	19.5
5 31	14 39.25	−23 14.6	1.774	2.722	9.4	19.6
6 10	14 33.51	−21 58.1	1.816	2.698	13.0	19.8

213385 2001 US_{81} 5 7.7 95.°26 0.°9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.84	−18 58.6	2.337	3.143	12.5	20.6
4 11	15 22.14	−19 22.5	2.261	3.157	9.6	20.4
4 21	15 14.49	−19 40.3	2.209	3.170	6.4	20.2
5 1	15 5.50	−19 52.1	2.185	3.184	2.8	20.0
5 11	14 56.00	−19 58.6	2.189	3.197	1.4	19.9
5 21	14 46.84	−20 1.7	2.223	3.210	4.8	20.2
5 31	14 38.85	−20 3.7	2.284	3.223	8.1	20.4
6 10	14 32.62	−20 7.4	2.370	3.236	11.0	20.6

223288 2003 HY_{45} 5 7.7 332.°19 2.°0/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.31	−13 9.1	1.586	2.431	15.6	20.0
4 11	15 20.36	−12 56.6	1.506	2.424	12.0	19.7
4 21	15 13.80	−12 39.3	1.446	2.419	7.8	19.5
5 1	15 5.34	−12 19.8	1.411	2.413	3.4	19.2
5 11	14 56.05	−12 2.0	1.402	2.408	2.9	19.1
5 21	14 47.11	−11 49.7	1.419	2.403	7.3	19.4
5 31	14 39.65	−11 46.6	1.460	2.399	11.7	19.6
6 10	14 34.49	−11 55.2	1.522	2.395	15.6	19.9

337197 1999 WO_{18} 5 7.7 228.°75 0.°4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.27	−15 31.8	2.148	2.967	13.0	21.2
4 11	15 22.01	−15 38.3	2.056	2.960	10.0	21.0
4 21	15 14.60	−15 40.3	1.986	2.953	6.5	20.7
5 1	15 5.62	−15 38.7	1.944	2.945	2.6	20.5
5 11	14 55.92	−15 35.2	1.930	2.938	1.6	20.4
5 21	14 46.45	−15 32.0	1.944	2.930	5.5	20.6
5 31	14 38.13	−15 32.0	1.986	2.921	9.3	20.8
6 10	14 31.66	−15 37.6	2.051	2.913	12.6	21.0

333288 1999 SU_{14} 5 7.7 254.°07 2.°0/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.29	−25 52.4	2.325	3.118	13.0	21.1
4 11	15 20.54	−25 28.8	2.212	3.097	10.3	20.8
4 21	15 13.67	−24 51.1	2.122	3.075	7.2	20.6
5 1	15 5.25	−23 59.5	2.059	3.052	3.8	20.3
5 11	14 56.10	−22 56.4	2.024	3.029	2.1	20.2
5 21	14 47.14	−21 45.8	2.017	3.006	5.1	20.3
5 31	14 39.25	−20 33.4	2.039	2.982	8.7	20.5
6 10	14 33.16	−19 25.3	2.085	2.957	12.0	20.7

174014 2001 YS_{43} 5 7.7 118.°98 0.°6/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.45	−16 11.7	2.468	3.286	11.6	21.1
4 11	15 18.66	−15 58.6	2.391	3.296	8.8	20.9
4 21	15 12.17	−15 40.0	2.338	3.305	5.7	20.7
5 1	15 4.55	−15 17.8	2.312	3.314	2.3	20.5
5 11	14 56.50	−14 54.2	2.315	3.322	1.5	20.4
5 21	14 48.78	−14 32.1	2.346	3.331	4.8	20.7
5 31	14 42.07	−14 14.3	2.405	3.339	8.0	20.9
6 10	14 36.91	−14 3.2	2.489	3.347	10.8	21.1

192666 1999 RC_{189} 5 7.7 265.°00 0.°5/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.48	−17 39.7	2.075	2.898	13.3	21.5
4 11	15 20.05	−17 16.2	1.972	2.878	10.3	21.2
4 21	15 13.43	−16 43.9	1.891	2.858	6.7	21.0
5 1	15 5.18	−16 4.5	1.836	2.838	2.7	20.7
5 11	14 56.14	−15 21.2	1.810	2.818	1.6	20.5
5 21	14 47.27	−14 38.3	1.811	2.797	5.8	20.8
5 31	14 39.51	−14 0.4	1.838	2.775	9.8	21.0
6 10	14 33.61	−13 31.6	1.889	2.754	13.4	21.2

344926 2004 TE_{53} 5 7.7 247.°47 1.°2/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.15	−20 22.0	2.064	2.876	13.7	21.3
4 11	15 22.14	−20 33.6	1.967	2.865	10.7	21.0
4 21	15 14.81	−20 37.1	1.891	2.853	7.2	20.8
5 1	15 5.75	−20 32.4	1.842	2.841	3.3	20.5
5 11	14 55.86	−20 20.7	1.821	2.829	1.6	20.4
5 21	14 46.16	−20 4.7	1.827	2.816	5.5	20.6
5 31	14 37.65	−19 48.0	1.861	2.803	9.4	20.8
6 10	14 31.13	−19 34.7	1.918	2.790	12.9	21.0

355252 2007 HU_{56} 5 7.7 349.°52 3.°5/ 5.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.49	−12 57.9	1.069	1.943	19.4	21.1
4 11	15 19.17	−12 15.2	1.002	1.937	14.9	20.8
4 21	15 13.50	−11 23.2	0.954	1.932	9.8	20.5
5 1	15 5.32	−10 28.1	0.926	1.928	4.7	20.2
5 11	14 56.09	− 9 37.8	0.921	1.925	4.8	20.2
5 21	14 47.40	− 9 0.3	0.938	1.923	9.9	20.4
5 31	14 40.74	− 8 41.5	0.976	1.922	15.2	20.7
6 10	14 37.09	− 8 44.3	1.031	1.922	19.9	21.0

422503 2014 TP_3 5 7.7 94.°56 0.°1/ 7.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.59	−18 35.8	1.639	2.466	16.0	21.6
4 11	15 23.36	−18 28.7	1.574	2.482	12.3	21.4
4 21	15 15.54	−18 12.2	1.531	2.498	8.0	21.2
5 1	15 5.97	−17 47.7	1.512	2.513	3.3	20.9
5 11	14 55.81	−17 18.5	1.520	2.528	1.6	20.8
5 21	14 46.25	−16 48.9	1.555	2.543	6.3	21.2
5 31	14 38.36	−16 23.7	1.615	2.558	10.5	21.4
6 10	14 32.85	−16 6.8	1.698	2.572	14.2	21.7

175884 1999 VJ_{202} 5 7.7 196.°38 3.°9/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.18	−27 52.9	1.883	2.675	15.6	21.0
4 11	15 23.97	−28 9.5	1.794	2.674	12.6	20.8
4 21	15 16.10	−28 11.3	1.726	2.671	9.1	20.5
5 1	15 6.28	−27 56.6	1.682	2.669	5.6	20.3
5 11	14 55.60	−27 26.1	1.665	2.665	3.9	20.2
5 21	14 45.28	−26 43.3	1.676	2.661	6.2	20.3
5 31	14 36.46	−25 53.9	1.712	2.657	9.9	20.5
6 10	14 29.98	−25 4.8	1.772	2.652	13.4	20.7

19583 1999 NT_4 5 7.7 147.°14 1.°4/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.92	−21 47.7	1.705	2.524	15.9	18.2
4 11	15 22.97	−21 42.8	1.627	2.529	12.4	18.0
4 21	15 15.40	−21 25.8	1.571	2.533	8.3	17.8
5 1	15 5.96	−20 57.2	1.539	2.538	3.8	17.5
5 11	14 55.79	−20 19.9	1.534	2.542	1.8	17.4
5 21	14 46.10	−19 38.2	1.555	2.545	6.1	17.7
5 31	14 37.98	−18 58.0	1.603	2.549	10.4	17.9
6 10	14 32.23	−18 24.6	1.673	2.552	14.1	18.2

388803 2008 BJ_{14} 5 7.7 355.°62 7.°0/11.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.74	−33 2.0	1.871	2.648	16.2	20.5
4 11	15 22.42	−34 11.8	1.785	2.645	13.6	20.3
4 21	15 15.31	−35 6.9	1.720	2.642	10.8	20.1
5 1	15 6.04	−35 42.7	1.678	2.640	8.2	19.9
5 11	14 55.71	−35 57.2	1.662	2.639	7.0	19.8
5 21	14 45.62	−35 51.1	1.670	2.638	8.0	19.9
5 31	14 37.04	−35 28.8	1.703	2.638	10.6	20.0
6 10	14 30.91	−34 57.1	1.758	2.639	13.5	20.2

333479 2004 ST_{51} 5 7.7 291.°96 0.°0/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.54	−17 12.0	1.751	2.580	15.1	20.2
4 11	15 22.17	−17 22.1	1.648	2.557	11.8	19.9
4 21	15 15.13	−17 25.6	1.566	2.534	7.8	19.6
5 1	15 5.98	−17 23.2	1.510	2.511	3.2	19.3
5 11	14 55.72	−17 16.5	1.480	2.488	1.6	19.1
5 21	14 45.54	−17 8.3	1.477	2.466	6.5	19.4
5 31	14 36.64	−17 2.5	1.499	2.443	11.1	19.6
6 10	14 30.00	−17 3.0	1.543	2.420	15.2	19.8

4807 Noboru 5 7.7 153.°82 0.°3/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.14	−19 36.4	1.946	2.760	14.4	18.1
4 11	15 23.48	−19 18.3	1.869	2.769	11.1	17.9
4 21	15 15.52	−18 50.3	1.813	2.777	7.3	17.6
5 1	15 5.97	−18 13.8	1.784	2.785	3.0	17.4
5 11	14 55.83	−17 32.1	1.784	2.792	1.4	17.3
5 21	14 46.16	−16 49.4	1.811	2.798	5.7	17.6
5 31	14 37.91	−16 10.7	1.866	2.804	9.6	17.8
6 10	14 31.76	−15 40.2	1.944	2.808	13.1	18.0

495453 2014 TE_{21} 5 7.7 164.°71 0.°9/ 7.0 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.55	−16 45.3	1.968	2.789	14.0	22.4
4 11	15 22.23	−16 14.4	1.889	2.795	10.7	22.2
4 21	15 14.70	−15 35.2	1.833	2.800	6.9	22.0
5 1	15 5.63	−14 50.3	1.803	2.804	2.8	21.7
5 11	14 56.00	−14 3.6	1.801	2.808	2.0	21.7
5 21	14 46.78	−13 19.5	1.827	2.811	6.0	21.9
5 31	14 38.90	−12 42.7	1.880	2.813	9.9	22.2
6 10	14 33.04	−12 16.6	1.956	2.814	13.3	22.4

98711 2000 XH_{42} 5 7.7 116.°49 8.°0/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.64	−38 17.5	1.978	2.721	16.5	19.4
4 11	15 24.57	−39 11.0	1.894	2.724	14.2	19.3
4 21	15 16.64	−39 45.2	1.830	2.728	11.6	19.1
5 1	15 6.55	−39 55.7	1.788	2.731	9.3	19.0
5 11	14 55.52	−39 40.8	1.771	2.734	8.0	18.9
5 21	14 44.88	−39 2.4	1.779	2.736	8.6	18.9
5 31	14 35.89	−38 6.2	1.813	2.739	10.6	19.1
6 10	14 29.47	−37 0.6	1.868	2.742	13.1	19.2

61717 2000 QU_{142} 5 7.7 168.°43 1.°7/ 6.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.18	−14 0.2	2.048	2.876	13.2	19.5
4 11	15 20.35	−13 32.0	1.969	2.879	10.1	19.3
4 21	15 13.46	−12 58.3	1.912	2.881	6.5	19.1
5 1	15 5.14	−12 21.7	1.882	2.883	2.8	18.9
5 11	14 56.26	−11 46.0	1.879	2.884	2.5	18.8
5 21	14 47.75	−11 15.1	1.905	2.885	6.2	19.1
5 31	14 40.45	−10 52.5	1.957	2.886	9.8	19.3
6 10	14 35.00	−10 40.7	2.032	2.887	13.0	19.5

376015 2010 AT_{46} 5 7.7 117.°98 0.°9/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.76	−16 18.7	2.161	2.982	12.9	22.6
4 11	15 20.57	−15 50.9	2.092	2.998	9.8	22.4
4 21	15 13.47	−15 16.3	2.046	3.013	6.3	22.2
5 1	15 5.11	−14 37.4	2.027	3.028	2.5	22.0
5 11	14 56.33	−13 57.7	2.036	3.043	1.8	22.0
5 21	14 48.00	−13 20.9	2.074	3.057	5.5	22.3
5 31	14 40.89	−12 50.7	2.138	3.071	8.9	22.5
6 10	14 35.57	−12 29.9	2.227	3.084	11.9	22.7

286391 2001 YW_{21} 5 7.7 182.°23 1.°6/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.57	−23 48.4	2.646	3.442	11.5	21.7
4 11	15 18.81	−23 41.9	2.555	3.442	9.0	21.5
4 21	15 12.33	−23 25.7	2.488	3.442	6.2	21.3
5 1	15 4.67	−23 0.4	2.447	3.442	3.1	21.1
5 11	14 56.52	−22 27.7	2.435	3.441	1.7	21.0
5 21	14 48.64	−21 50.4	2.452	3.440	4.3	21.2
5 31	14 41.73	−21 12.2	2.497	3.439	7.3	21.4
6 10	14 36.34	−20 36.9	2.568	3.438	10.1	21.6

85409 1996 UO_2 5 7.7 153.°12 0.°2/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.37	−18 38.9	2.309	3.128	12.2	20.8
4 11	15 18.04	−18 10.4	2.226	3.130	9.4	20.6
4 21	15 11.89	−17 33.6	2.166	3.132	6.1	20.4
5 1	15 4.49	−16 50.4	2.132	3.134	2.5	20.2
5 11	14 56.63	−16 4.2	2.128	3.136	1.3	20.1
5 21	14 49.08	−15 18.7	2.151	3.137	5.0	20.4
5 31	14 42.60	−14 38.0	2.202	3.139	8.4	20.6
6 10	14 37.75	−14 5.5	2.276	3.141	11.4	20.8

364698 2007 UV_{51} 5 7.7 261.°65 3.°4/ 6.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.25	− 8 57.3	1.609	2.445	15.9	20.8
4 11	15 25.07	− 8 51.8	1.516	2.429	12.4	20.6
4 21	15 17.03	− 8 46.1	1.445	2.414	8.3	20.3
5 1	15 6.78	− 8 43.1	1.399	2.397	4.3	20.0
5 11	14 55.43	− 8 46.5	1.380	2.381	4.2	20.0
5 21	14 44.27	− 8 59.0	1.387	2.364	8.3	20.2
5 31	14 34.57	− 9 23.0	1.418	2.347	12.8	20.4
6 10	14 27.33	− 9 59.5	1.472	2.329	16.9	20.6

141050 2001 WN_{99} 5 7.7 99.°25 5.°1/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.94	− 3 59.2	2.319	3.154	11.6	20.1
4 11	15 16.75	− 2 44.3	2.256	3.165	9.1	20.0
4 21	15 10.94	− 1 30.5	2.218	3.175	6.6	19.8
5 1	15 4.07	− 0 22.8	2.206	3.185	5.2	19.8
5 11	14 56.86	+ 0 33.5	2.223	3.195	5.9	19.8
5 21	14 50.01	+ 1 15.0	2.266	3.205	8.0	20.0
5 31	14 44.17	+ 1 39.5	2.334	3.215	10.5	20.1
6 10	14 39.83	+ 1 46.6	2.425	3.225	12.8	20.3

503081 2015 FM_{279} 5 7.7 28.°31 8.°4/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.91	+ 0 31.1	1.669	2.518	14.8	20.2
4 11	15 17.34	+ 2 7.6	1.613	2.523	11.9	20.1
4 21	15 11.60	+ 3 39.0	1.579	2.528	9.5	19.9
5 1	15 4.40	+ 4 57.0	1.569	2.534	8.4	19.9
5 11	14 56.70	+ 5 54.1	1.585	2.540	9.3	19.9
5 21	14 49.47	+ 6 25.9	1.624	2.547	11.7	20.1
5 31	14 43.60	+ 6 31.0	1.685	2.554	14.5	20.3
6 10	14 39.70	+ 6 11.1	1.764	2.561	17.0	20.5

20968 1978 VM_8 5 7.7 95.°88 0.°1/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.29	−20 38.7	1.583	2.410	16.5	19.7
4 11	15 22.42	−20 0.6	1.519	2.427	12.7	19.5
4 21	15 14.96	−19 9.1	1.476	2.443	8.2	19.3
5 1	15 5.77	−18 7.0	1.458	2.459	3.4	19.0
5 11	14 56.05	−16 59.6	1.466	2.475	1.6	18.9
5 21	14 47.00	−15 53.5	1.501	2.490	6.4	19.3
5 31	14 39.67	−14 55.4	1.562	2.505	10.8	19.5
6 10	14 34.72	−14 10.2	1.645	2.520	14.5	19.8

233417 2006 GE_{50} 5 7.7 3.°63 6.°8/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.81	−35 13.0	1.667	2.448	17.7	19.4
4 11	15 20.33	−35 33.9	1.586	2.448	14.9	19.2
4 21	15 13.96	−35 32.6	1.523	2.448	11.7	19.0
5 1	15 5.49	−35 6.1	1.482	2.449	8.6	18.8
5 11	14 56.16	−34 14.7	1.465	2.450	6.8	18.7
5 21	14 47.31	−33 2.9	1.473	2.452	7.8	18.7
5 31	14 40.20	−31 38.5	1.506	2.454	10.7	18.9
6 10	14 35.67	−30 11.5	1.561	2.457	14.0	19.1

343260 2009 YW_{14} 5 7.7 5.°99 1.°6/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.59	−13 38.8	1.668	2.509	15.2	20.6
4 11	15 20.40	−13 30.5	1.592	2.509	11.6	20.4
4 21	15 13.76	−13 17.4	1.538	2.509	7.5	20.2
5 1	15 5.36	−13 2.0	1.508	2.510	3.2	19.9
5 11	14 56.23	−12 47.4	1.505	2.511	2.6	19.9
5 21	14 47.51	−12 37.4	1.528	2.513	6.8	20.1
5 31	14 40.22	−12 35.0	1.576	2.515	11.0	20.4
6 10	14 35.14	−12 42.8	1.645	2.517	14.7	20.6

71927 2000 WQ_{59} 5 7.7 106.°01 1.°8/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.52	−14 21.0	1.633	2.467	15.8	19.6
4 11	15 23.24	−13 53.3	1.570	2.483	12.0	19.4
4 21	15 15.46	−13 19.1	1.529	2.499	7.7	19.2
5 1	15 5.99	−12 41.7	1.512	2.514	3.3	18.9
5 11	14 55.97	−12 5.5	1.523	2.528	2.8	18.9
5 21	14 46.57	−11 35.2	1.560	2.542	7.0	19.2
5 31	14 38.79	−11 14.8	1.623	2.556	11.1	19.5
6 10	14 33.34	−11 6.9	1.707	2.570	14.7	19.7

204747 2006 JF_2 5 7.7 73.°11 0.°0/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.54	−20 17.7	1.862	2.687	14.5	20.1
4 11	15 19.24	−19 36.0	1.793	2.700	11.1	19.9
4 21	15 12.78	−18 42.6	1.746	2.713	7.2	19.7
5 1	15 4.88	−17 40.4	1.725	2.727	2.9	19.5
5 11	14 56.52	−16 34.1	1.732	2.740	1.5	19.4
5 21	14 48.68	−15 29.4	1.766	2.754	5.7	19.7
5 31	14 42.22	−14 31.9	1.826	2.767	9.6	19.9
6 10	14 37.75	−13 45.9	1.909	2.780	13.0	20.2

502784 2015 DQ_{97} 5 7.7 153.°84 2.°6/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.49	−11 25.2	2.025	2.857	13.2	21.1
4 11	15 19.82	−10 50.6	1.948	2.860	10.1	20.9
4 21	15 13.13	−10 12.3	1.895	2.863	6.6	20.7
5 1	15 5.05	− 9 33.6	1.868	2.866	3.3	20.5
5 11	14 56.43	− 8 58.7	1.868	2.869	3.4	20.5
5 21	14 48.18	− 8 31.3	1.896	2.871	6.7	20.7
5 31	14 41.14	− 8 14.6	1.951	2.873	10.2	20.9
6 10	14 35.92	− 8 10.4	2.027	2.875	13.3	21.1

31004 1995 WW_{28} 5 7.7 85.°46 1.°4/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.04	−11 54.6	2.287	3.107	12.3	18.7
4 11	15 21.50	−12 4.0	2.214	3.119	9.4	18.5
4 21	15 14.09	−12 11.7	2.165	3.132	6.0	18.3
5 1	15 5.41	−12 18.9	2.143	3.144	2.6	18.1
5 11	14 56.26	−12 27.4	2.151	3.156	2.1	18.1
5 21	14 47.47	−12 38.8	2.187	3.168	5.4	18.3
5 31	14 39.81	−12 54.6	2.250	3.180	8.7	18.6
6 10	14 33.87	−13 16.2	2.338	3.192	11.6	18.8

520242 2014 DL_{154} 5 7.7 12.°27 5.°9/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.02	− 2 10.1	2.137	2.977	12.3	21.2
4 11	15 16.27	− 1 3.4	2.069	2.978	9.7	21.0
4 21	15 10.77	+ 0 1.0	2.024	2.979	7.3	20.8
5 1	15 4.06	+ 0 57.5	2.005	2.981	5.9	20.7
5 11	14 56.93	+ 1 41.0	2.013	2.983	6.6	20.8
5 21	14 50.12	+ 2 8.0	2.047	2.985	8.8	20.9
5 31	14 44.36	+ 2 16.6	2.105	2.987	11.4	21.1
6 10	14 40.19	+ 2 6.9	2.185	2.990	13.9	21.3

51345 2000 QH_{137} 5 7.7 166.°92 2.°5/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.38	−33 3.9	5.238	5.977	6.9	19.8
4 11	15 12.65	−33 3.6	5.140	5.979	5.7	19.7
4 21	15 8.06	−32 55.7	5.067	5.981	4.3	19.6
5 1	15 2.89	−32 40.3	5.021	5.983	3.1	19.5
5 11	14 57.51	−32 17.9	5.003	5.985	2.5	19.5
5 21	14 52.26	−31 49.8	5.015	5.987	2.9	19.5
5 31	14 47.49	−31 17.6	5.055	5.988	4.1	19.6
6 10	14 43.49	−30 43.3	5.123	5.990	5.5	19.7

60062 1999 TE_{119} 5 7.7 282.°25 0.°5/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.37	−16 41.4	2.359	3.181	11.9	19.6
4 11	15 18.18	−16 25.9	2.256	3.163	9.2	19.4
4 21	15 12.11	−16 4.0	2.177	3.144	6.0	19.1
5 1	15 4.68	−15 37.1	2.124	3.126	2.4	18.9
5 11	14 56.60	−15 7.9	2.100	3.108	1.5	18.8
5 21	14 48.67	−14 39.5	2.104	3.089	5.2	19.0
5 31	14 41.70	−14 15.4	2.135	3.071	8.7	19.2
6 10	14 36.30	−13 58.6	2.190	3.053	11.9	19.3

163704 2003 FL_{100} 5 7.7 295.°55 5.°3/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.03	− 8 11.1	1.336	2.193	17.3	19.6
4 11	15 21.55	− 7 25.4	1.248	2.173	13.5	19.3
4 21	15 15.01	− 6 36.0	1.181	2.152	9.3	19.0
5 1	15 6.06	− 5 49.0	1.136	2.131	5.7	18.8
5 11	14 55.89	− 5 11.6	1.115	2.110	6.3	18.7
5 21	14 45.91	− 4 50.3	1.117	2.090	10.5	18.9
5 31	14 37.55	− 4 49.7	1.142	2.070	15.3	19.1
6 10	14 31.87	− 5 11.2	1.186	2.050	19.7	19.3

43690 2002 JQ_{72} 5 7.7 318.°90 6.°3/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.03	− 5 54.8	1.275	2.138	17.5	19.0
4 11	15 20.04	− 5 8.2	1.194	2.121	13.8	18.7
4 21	15 14.00	− 4 20.8	1.133	2.103	9.7	18.4
5 1	15 5.63	− 3 39.9	1.094	2.087	6.6	18.2
5 11	14 56.12	− 3 13.0	1.079	2.071	7.3	18.2
5 21	14 46.90	− 3 5.9	1.086	2.055	11.2	18.3
5 31	14 39.34	− 3 22.0	1.115	2.041	15.7	18.5
6 10	14 34.46	− 4 1.1	1.162	2.027	19.9	18.8

138723 2000 SY_{158} 5 7.7 166.°96 0.°8/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.62	−15 39.8	2.877	3.690	10.2	21.4
4 11	15 17.85	−15 17.9	2.792	3.694	7.8	21.2
4 21	15 11.62	−14 51.2	2.732	3.698	5.0	21.0
5 1	15 4.39	−14 21.4	2.700	3.701	2.0	20.8
5 11	14 56.80	−13 50.9	2.697	3.704	1.5	20.8
5 21	14 49.45	−13 22.3	2.724	3.706	4.4	21.0
5 31	14 42.94	−12 58.3	2.779	3.708	7.3	21.2
6 10	14 37.76	−12 41.0	2.860	3.710	9.8	21.4

71114 1999 XY_{155} 5 7.7 162.°72 0.°9/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.61	−16 46.9	2.108	2.932	13.0	19.6
4 11	15 19.15	−16 13.3	2.026	2.935	10.0	19.4
4 21	15 12.70	−15 31.9	1.968	2.937	6.4	19.2
5 1	15 4.89	−14 45.1	1.937	2.938	2.6	19.0
5 11	14 56.55	−13 56.9	1.933	2.940	1.9	18.9
5 21	14 48.57	−13 11.4	1.957	2.941	5.7	19.2
5 31	14 41.75	−12 33.0	2.008	2.942	9.3	19.4
6 10	14 36.72	−12 5.0	2.083	2.943	12.5	19.6

353503 2011 SP_{89} 5 7.7 155.°05 0.°9/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.38	−16 46.8	2.547	3.367	11.2	21.5
4 11	15 17.09	−16 5.0	2.464	3.370	8.5	21.3
4 21	15 11.21	−15 16.2	2.406	3.373	5.5	21.1
5 1	15 4.24	−14 22.9	2.375	3.376	2.2	20.9
5 11	14 56.88	−13 28.7	2.373	3.379	1.7	20.8
5 21	14 49.82	−12 37.4	2.400	3.382	4.9	21.1
5 31	14 43.70	−11 52.6	2.454	3.384	8.0	21.3
6 10	14 39.04	−11 17.3	2.533	3.386	10.8	21.4

137415 1999 TY_{192} 5 7.7 165.°13 3.°9/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.82	−28 28.4	1.944	2.731	15.4	20.6
4 11	15 24.35	−28 43.9	1.860	2.736	12.4	20.4
4 21	15 16.31	−28 44.4	1.797	2.740	9.0	20.2
5 1	15 6.43	−28 28.3	1.759	2.743	5.6	20.0
5 11	14 55.79	−27 56.6	1.747	2.746	3.9	19.9
5 21	14 45.56	−27 12.7	1.763	2.748	6.1	20.0
5 31	14 36.85	−26 22.3	1.806	2.750	9.5	20.2
6 10	14 30.43	−25 32.2	1.872	2.751	12.9	20.4

395259 2010 QJ_5 5 7.7 243.°56 4.°7/ 3.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.53	− 3 1.9	2.659	3.489	10.5	21.7
4 11	15 16.40	− 2 3.6	2.574	3.478	8.3	21.5
4 21	15 10.76	− 1 6.3	2.513	3.468	6.1	21.4
5 1	15 4.08	− 0 14.2	2.479	3.457	4.8	21.3
5 11	14 56.96	+ 0 28.6	2.474	3.446	5.4	21.3
5 21	14 50.05	+ 0 59.0	2.496	3.434	7.4	21.4
5 31	14 43.96	+ 1 14.7	2.543	3.423	9.8	21.5
6 10	14 39.18	+ 1 15.4	2.613	3.411	12.1	21.7

140321 2001 SD_{330} 5 7.7 105.°39 4.°6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.41	− 6 9.1	2.189	3.026	12.2	20.1
4 11	15 17.27	− 5 2.0	2.120	3.032	9.4	20.0
4 21	15 11.39	− 3 54.3	2.075	3.038	6.6	19.8
5 1	15 4.33	− 2 50.9	2.057	3.043	4.7	19.7
5 11	14 56.86	− 1 57.1	2.066	3.049	5.4	19.7
5 21	14 49.75	− 1 16.7	2.103	3.054	7.8	19.9
5 31	14 43.70	− 0 52.5	2.164	3.059	10.6	20.1
6 10	14 39.25	− 0 45.1	2.248	3.065	13.2	20.3

361584 2007 RA_{233} 5 7.7 244.°42 0.°0/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.95	−17 18.4	1.674	2.500	15.8	20.8
4 11	15 24.85	−17 25.9	1.581	2.488	12.3	20.5
4 21	15 16.91	−17 26.1	1.508	2.475	8.1	20.2
5 1	15 6.79	−17 19.6	1.461	2.462	3.4	19.9
5 11	14 55.60	−17 8.4	1.440	2.449	1.7	19.7
5 21	14 44.62	−16 55.6	1.446	2.435	6.7	20.0
5 31	14 35.11	−16 45.4	1.478	2.420	11.4	20.3
6 10	14 28.05	−16 42.1	1.532	2.406	15.5	20.5

386488 2009 AC_{43} 5 7.7 161.°81 4.°0/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.15	−31 36.6	2.558	3.321	12.7	22.1
4 11	15 20.98	−31 45.8	2.468	3.325	10.4	21.9
4 21	15 13.86	−31 41.2	2.401	3.330	7.8	21.8
5 1	15 5.38	−31 21.6	2.360	3.334	5.3	21.6
5 11	14 56.36	−30 48.0	2.346	3.337	4.0	21.5
5 21	14 47.66	−30 3.0	2.361	3.340	5.2	21.6
5 31	14 40.10	−29 11.0	2.403	3.343	7.7	21.8
6 10	14 34.29	−28 17.3	2.471	3.345	10.3	21.9

308391 2005 SZ_{34} 5 7.7 159.°21 0.°9/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.61	−14 42.2	2.817	3.633	10.3	22.0
4 11	15 17.88	−14 26.2	2.734	3.637	7.9	21.8
4 21	15 11.67	−14 6.2	2.675	3.642	5.1	21.7
5 1	15 4.44	−13 43.7	2.644	3.645	2.1	21.5
5 11	14 56.83	−13 21.1	2.643	3.649	1.6	21.4
5 21	14 49.47	−13 0.8	2.671	3.652	4.5	21.6
5 31	14 42.97	−12 45.2	2.726	3.655	7.4	21.8
6 10	14 37.80	−12 36.1	2.807	3.658	9.9	22.0

522159 2016 AS_{252} 5 7.7 79.°73 3.°2/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.21	−26 7.7	1.470	2.289	18.0	21.2
4 11	15 22.93	−26 7.9	1.397	2.294	14.3	20.9
4 21	15 15.66	−25 50.5	1.343	2.300	10.0	20.7
5 1	15 6.22	−25 14.7	1.312	2.306	5.5	20.5
5 11	14 55.95	−24 23.5	1.307	2.312	3.3	20.3
5 21	14 46.27	−23 22.6	1.326	2.317	6.7	20.5
5 31	14 38.44	−22 20.0	1.371	2.323	11.2	20.8
6 10	14 33.32	−21 23.5	1.437	2.329	15.2	21.1

107090 2001 AG_{28} 5 7.7 147.°32 1.°1/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.42	−19 27.9	1.773	2.588	15.5	19.8
4 11	15 25.61	−19 47.7	1.695	2.595	12.1	19.5
4 21	15 17.16	−19 59.4	1.639	2.601	8.0	19.3
5 1	15 6.81	−20 2.6	1.608	2.607	3.6	19.1
5 11	14 55.67	−19 58.6	1.605	2.613	1.7	18.9
5 21	14 44.95	−19 50.1	1.629	2.618	6.0	19.2
5 31	14 35.80	−19 41.0	1.680	2.623	10.2	19.5
6 10	14 29.02	−19 35.4	1.754	2.627	13.9	19.7

198515 2004 XY_{88} 5 7.7 241.°22 1.°6/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.50	−23 13.6	2.053	2.862	13.9	20.2
4 11	15 20.10	−23 2.2	1.960	2.856	10.9	20.0
4 21	15 13.49	−22 38.9	1.891	2.850	7.4	19.8
5 1	15 5.29	−22 4.0	1.846	2.843	3.6	19.5
5 11	14 56.41	−21 20.2	1.829	2.837	1.8	19.4
5 21	14 47.82	−20 31.4	1.840	2.830	5.3	19.6
5 31	14 40.46	−19 42.8	1.877	2.823	9.1	19.8
6 10	14 35.04	−18 59.6	1.938	2.816	12.6	20.0

391691 2008 AJ_{103} 5 7.7 80.°50 2.°5/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.85	−10 41.9	2.254	3.082	12.2	21.4
4 11	15 19.01	−10 13.3	2.192	3.102	9.2	21.3
4 21	15 12.44	− 9 42.5	2.155	3.122	6.0	21.1
5 1	15 4.75	− 9 12.6	2.144	3.142	3.1	21.0
5 11	14 56.72	− 8 46.8	2.162	3.162	3.1	21.0
5 21	14 49.13	− 8 27.9	2.208	3.181	6.0	21.2
5 31	14 42.65	− 8 18.4	2.280	3.201	9.0	21.4
6 10	14 37.80	− 8 19.3	2.376	3.220	11.7	21.6

87398 2000 QD_{73} 5 7.7 128.°16 6.°5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.77	−35 47.3	2.107	2.856	15.5	19.3
4 11	15 25.09	−36 27.3	2.027	2.867	13.0	19.2
4 21	15 16.81	−36 49.6	1.968	2.877	10.3	19.0
5 1	15 6.66	−36 51.0	1.933	2.887	7.8	18.9
5 11	14 55.76	−36 30.8	1.923	2.897	6.5	18.8
5 21	14 45.30	−35 51.5	1.941	2.907	7.3	18.9
5 31	14 36.40	−34 58.6	1.984	2.915	9.5	19.0
6 10	14 29.84	−33 59.5	2.051	2.924	12.2	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
40294 1999 JT_{73}			5 7.7 289.°23		3.°8/ 5.7 18	
	h m	° ′			°	m
4 1	15 25.79	−10 40.0	1.474	2.323	16.4	19.1
4 11	15 21.99	−10 4.6	1.377	2.298	12.8	18.8
4 21	15 15.26	− 9 23.7	1.301	2.273	8.6	18.4
5 1	15 6.20	− 8 41.7	1.249	2.248	4.6	18.1
5 11	14 55.91	− 8 4.4	1.221	2.222	4.8	18.1
5 21	14 45.72	− 7 37.8	1.219	2.196	9.2	18.3
5 31	14 36.99	− 7 26.9	1.240	2.171	14.0	18.5
6 10	14 30.78	− 7 34.4	1.280	2.145	18.4	18.6
255978 2006 TE_{70}			5 7.7 139.°02		6.°0/ 3.9 17	
4 1	15 26.48	− 3 25.1	1.806	2.642	14.4	20.8
4 11	15 21.48	− 2 29.4	1.741	2.650	11.3	20.6
4 21	15 14.27	− 1 36.1	1.698	2.657	8.1	20.4
5 1	15 5.56	− 0 50.9	1.681	2.663	6.1	20.3
5 11	14 56.33	− 0 19.3	1.691	2.670	6.7	20.4
5 21	14 47.56	− 0 4.7	1.726	2.675	9.4	20.5
5 31	14 40.18	− 0 9.1	1.786	2.681	12.5	20.7
6 10	14 34.81	− 0 31.6	1.867	2.686	15.4	20.9
332067 2005 SG_{132}			5 7.7 157.°28		0.°1/ 7.6 17	
4 1	15 25.26	−19 55.6	2.197	3.009	13.0	20.6
4 11	15 20.31	−19 11.5	2.115	3.016	10.0	20.4
4 21	15 13.41	−18 16.8	2.057	3.022	6.5	20.2
5 1	15 5.19	−17 14.1	2.026	3.028	2.6	19.9
5 11	14 56.51	−16 7.4	2.024	3.033	1.4	19.8
5 21	14 48.23	−15 1.6	2.051	3.037	5.3	20.1
5 31	14 41.15	−14 1.9	2.106	3.041	8.9	20.3
6 10	14 35.85	−13 12.5	2.184	3.044	12.0	20.5
159179 2005 TN_{47}			5 7.7 90.°82		1.°1/ 7.1 18	
4 1	15 27.24	−17 40.8	1.329	2.174	18.1	20.2
4 11	15 22.91	−17 0.8	1.265	2.183	13.9	20.0
4 21	15 15.59	−16 8.3	1.220	2.192	8.9	19.7
5 1	15 6.18	−15 7.1	1.199	2.202	3.6	19.5
5 11	14 56.04	−14 3.7	1.203	2.211	2.5	19.4
5 21	14 46.58	−13 5.4	1.233	2.220	7.7	19.7
5 31	14 39.05	−12 19.0	1.286	2.229	12.6	20.0
6 10	14 34.23	−11 49.0	1.359	2.238	16.8	20.3
322659 1999 RP_{67}			5 7.7 219.°52		4.°9/10.9 17	
4 1	15 30.31	−31 22.0	2.050	2.821	15.2	21.7
4 11	15 24.87	−31 41.9	1.950	2.812	12.5	21.4
4 21	15 16.79	−31 45.8	1.870	2.802	9.5	21.2
5 1	15 6.72	−31 31.1	1.816	2.791	6.4	21.0
5 11	14 55.71	−30 57.7	1.788	2.780	4.9	20.9
5 21	14 44.95	−30 8.4	1.787	2.767	6.5	21.0
5 31	14 35.61	−29 8.9	1.814	2.755	9.7	21.1
6 10	14 28.56	−28 6.6	1.864	2.741	13.0	21.3
356637 2011 UO_{39}			5 7.7 238.°34		4.°8/ 3.3 16	
4 1	15 21.54	− 3 15.8	2.579	3.408	10.8	22.5
4 11	15 17.24	− 2 20.4	2.493	3.397	8.5	22.3
4 21	15 11.35	− 1 26.0	2.431	3.386	6.2	22.2
5 1	15 4.36	− 0 36.8	2.396	3.375	4.8	22.0
5 11	14 56.91	+ 0 3.2	2.389	3.363	5.4	22.1
5 21	14 49.67	+ 0 30.5	2.410	3.351	7.5	22.2
5 31	14 43.28	+ 0 43.3	2.456	3.338	10.0	22.3
6 10	14 38.26	+ 0 40.8	2.525	3.326	12.4	22.5
93436 2000 SO_{326}			5 7.7 32.°11		1.°2/ 8.4 17	
4 1	15 25.79	−20 49.5	1.741	2.565	15.4	20.5
4 11	15 21.38	−20 52.7	1.662	2.567	12.0	20.3
4 21	15 14.46	−20 45.5	1.604	2.568	8.0	20.0
5 1	15 5.73	−20 28.3	1.570	2.570	3.7	19.8
5 11	14 56.25	−20 3.4	1.563	2.572	1.7	19.6
5 21	14 47.16	−19 34.7	1.583	2.574	5.9	19.9
5 31	14 39.55	−19 7.0	1.628	2.576	10.1	20.2
6 10	14 34.17	−18 45.1	1.696	2.578	13.8	20.4
22516 1998 DN_{28}			5 7.7 310.°38		3.°2/ 5.7 18	
4 1	15 22.95	−11 25.8	1.680	2.525	14.9	19.1
4 11	15 19.21	−10 46.5	1.597	2.516	11.4	18.8
4 21	15 13.07	−10 2.1	1.535	2.507	7.5	18.6
5 1	15 5.18	− 9 16.7	1.499	2.498	3.9	18.3
5 11	14 56.52	− 8 35.7	1.488	2.489	4.1	18.3
5 21	14 48.17	− 8 4.0	1.504	2.480	7.9	18.5
5 31	14 41.18	− 7 45.8	1.543	2.472	11.9	18.7
6 10	14 36.30	− 7 43.3	1.604	2.464	15.6	18.9
571 Dulcinea			5 7.7 206.°38		1.°9/ 8.9 18	R
4 1	15 29.28	−23 34.9	2.181	2.977	13.6	16.4
4 11	15 23.69	−23 38.1	2.084	2.971	10.8	16.2
4 21	15 15.82	−23 30.4	2.009	2.964	7.4	16.0
5 1	15 6.28	−23 11.5	1.961	2.956	3.8	15.8
5 11	14 55.99	−22 42.8	1.942	2.948	2.1	15.6
5 21	14 45.95	−22 7.4	1.951	2.939	5.3	15.8
5 31	14 37.13	−21 29.9	1.987	2.929	9.0	16.0
6 10	14 30.29	−20 55.1	2.048	2.918	12.3	16.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
416718 2005 CX_{34}			5 7.7 334.°27		5.°8/10.5 17	
	h m	° ′			°	m
4 1	15 26.19	−28 52.2	1.348	2.166	19.3	20.5
4 11	15 22.81	−29 35.1	1.267	2.159	15.8	20.2
4 21	15 16.02	−30 0.4	1.204	2.153	11.8	20.0
5 1	15 6.56	−30 3.8	1.163	2.147	7.8	19.7
5 11	14 55.82	−29 44.7	1.144	2.142	5.8	19.6
5 21	14 45.44	−29 6.4	1.150	2.137	8.2	19.7
5 31	14 37.03	−28 16.4	1.178	2.132	12.4	19.9
6 10	14 31.70	−27 24.3	1.227	2.129	16.6	20.2
478183 2011 UL_{212}			5 7.7 176.°91		4.°0/10.5 16	
4 1	15 27.26	−29 14.6	2.493	3.265	12.8	21.3
4 11	15 21.98	−29 52.1	2.402	3.266	10.4	21.1
4 21	15 14.63	−30 18.6	2.333	3.266	7.7	21.0
5 1	15 5.78	−30 32.1	2.290	3.266	5.2	20.8
5 11	14 56.24	−30 32.3	2.275	3.267	4.0	20.7
5 21	14 46.92	−30 20.8	2.288	3.267	5.4	20.8
5 31	14 38.70	−30 0.8	2.329	3.267	8.0	21.0
6 10	14 32.26	−29 36.9	2.394	3.266	10.7	21.1
269949 2000 ST_{61}			5 7.7 237.°45		2.°9/ 9.6 18	
4 1	15 28.22	−25 46.6	2.203	2.993	13.7	21.3
4 11	15 23.00	−26 3.9	2.100	2.980	11.0	21.1
4 21	15 15.46	−26 10.1	2.019	2.967	7.8	20.8
5 1	15 6.17	−26 3.9	1.963	2.953	4.5	20.6
5 11	14 56.03	−25 45.7	1.936	2.938	3.0	20.5
5 21	14 46.04	−25 17.9	1.937	2.923	5.5	20.6
5 31	14 37.23	−24 44.7	1.965	2.907	9.0	20.8
6 10	14 30.38	−24 11.3	2.017	2.891	12.3	21.0
85207 1992 EB_{19}			5 7.7 168.°52		1.°9/ 6.5 18	
4 1	15 29.55	−13 39.1	1.914	2.737	14.2	20.1
4 11	15 23.85	−13 10.5	1.835	2.743	10.9	19.9
4 21	15 15.86	−12 36.1	1.780	2.747	7.0	19.7
5 1	15 6.26	−11 59.0	1.751	2.751	3.1	19.4
5 11	14 56.04	−11 23.0	1.750	2.754	2.8	19.4
5 21	14 46.25	−10 52.3	1.777	2.756	6.6	19.7
5 31	14 37.84	−10 30.6	1.830	2.757	10.5	19.9
6 10	14 31.50	−10 20.5	1.907	2.758	13.9	20.1
462443 2008 UN_{63}			5 7.7 180.°36		0.°9/ 8.2 16	
4 1	15 31.46	−19 56.0	1.747	2.562	15.7	22.0
4 11	15 25.75	−20 0.6	1.664	2.564	12.2	21.8
4 21	15 17.34	−19 55.4	1.602	2.565	8.1	21.5
5 1	15 6.94	−19 40.6	1.566	2.565	3.6	21.3
5 11	14 55.70	−19 18.5	1.557	2.565	1.6	21.1
5 21	14 44.85	−18 52.4	1.575	2.564	6.2	21.4
5 31	14 35.57	−18 27.4	1.620	2.562	10.6	21.7
6 10	14 28.70	−18 8.3	1.687	2.559	14.4	21.9
375855 2009 VQ_{14}			5 7.7 313.°25		2.°5/ 9.0 17	
4 1	15 24.61	−23 11.6	1.539	2.367	16.9	20.9
4 11	15 21.08	−23 26.6	1.447	2.352	13.4	20.6
4 21	15 14.65	−23 28.7	1.376	2.338	9.3	20.4
5 1	15 5.95	−23 17.1	1.327	2.324	4.8	20.1
5 11	14 56.14	−22 53.0	1.304	2.310	2.7	19.9
5 21	14 46.56	−22 20.2	1.305	2.297	6.7	20.1
5 31	14 38.54	−21 44.6	1.331	2.285	11.4	20.3
6 10	14 33.08	−21 12.9	1.378	2.272	15.6	20.5
286200 2001 UC_{69}			5 7.7 353.°75		0.°7/ 6.7 18	
4 1	15 15.14	−15 7.9	4.132	4.948	7.3	20.2
4 11	15 11.85	−14 38.6	4.043	4.947	5.5	20.1
4 21	15 7.63	−14 5.9	3.980	4.947	3.5	19.9
5 1	15 2.81	−13 31.4	3.945	4.946	1.5	19.7
5 11	14 57.75	−12 56.9	3.940	4.946	1.2	19.7
5 21	14 52.85	−12 24.3	3.965	4.946	3.3	19.9
5 31	14 48.45	−11 55.6	4.019	4.945	5.3	20.0
6 10	14 44.87	−11 32.2	4.098	4.945	7.1	20.2
93857 2000 WV_{102}			5 7.7 217.°84		6.°2/ 3.8 18	
4 1	15 25.97	− 0 49.9	1.983	2.814	13.5	19.5
4 11	15 21.03	− 0 9.0	1.907	2.811	10.7	19.3
4 21	15 14.00	+ 0 27.4	1.855	2.807	8.0	19.1
5 1	15 5.51	+ 0 54.2	1.827	2.804	6.3	19.0
5 11	14 56.43	+ 1 6.9	1.827	2.800	6.9	19.1
5 21	14 47.69	+ 1 2.8	1.852	2.795	9.3	19.2
5 31	14 40.15	+ 0 40.8	1.903	2.791	12.2	19.4
6 10	14 34.48	+ 0 1.8	1.974	2.787	14.9	19.5
416216 2002 VM_{90}			5 7.7 198.°78		0.°4/ 7.5 17	
4 1	15 28.53	−16 18.5	1.930	2.751	14.2	21.7
4 11	15 23.24	−16 16.2	1.844	2.749	10.9	21.5
4 21	15 15.58	−16 7.5	1.780	2.746	7.1	21.3
5 1	15 6.20	−15 53.8	1.742	2.743	2.9	21.0
5 11	14 56.08	−15 37.5	1.732	2.740	1.6	20.9
5 21	14 46.27	−15 21.7	1.749	2.736	6.0	21.2
5 31	14 37.78	−15 9.9	1.794	2.731	10.0	21.4
6 10	14 31.37	−15 5.5	1.861	2.726	13.6	21.6

507552 2012 XV_{150} 5 7.7 184.°75 3.°1/10.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.99	−30 46.4	3.131	3.888	10.7	22.4
4 11	15 19.76	−30 44.8	3.033	3.888	8.7	22.3
4 21	15 12.94	−30 31.5	2.958	3.888	6.5	22.1
5 1	15 5.03	−30 6.0	2.910	3.886	4.3	21.9
5 11	14 56.68	−29 29.5	2.891	3.885	3.1	21.9
5 21	14 48.58	−28 44.2	2.902	3.882	4.3	21.9
5 31	14 41.37	−27 53.7	2.941	3.879	6.5	22.1
6 10	14 35.57	−27 2.1	3.007	3.876	8.8	22.2

152771 1999 RB_{34} 5 7.7 329.°60 15.°5/18.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 13.18	+ 5 2.6	1.175	2.051	17.8	18.1
4 11	15 12.77	+ 9 23.5	1.094	2.008	16.0	17.9
4 21	15 9.53	+13 54.8	1.038	1.965	15.5	17.7
5 1	15 3.96	+18 13.1	1.005	1.924	17.1	17.6
5 11	14 57.12	+21 54.6	0.995	1.884	20.1	17.7
5 21	14 50.31	+24 42.1	1.003	1.845	23.8	17.8
5 31	14 44.95	+26 27.7	1.024	1.809	27.3	17.9
6 10	14 42.18	+27 13.4	1.056	1.774	30.4	18.0

52184 3361 $T\text{-}_2$ 5 7.7 338.°26 0.°8/ 7.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.59	−16 3.4	1.924	2.755	13.8	18.6
4 11	15 19.41	−15 47.3	1.841	2.753	10.6	18.4
4 21	15 13.06	−15 24.3	1.781	2.751	6.9	18.2
5 1	15 5.16	−14 56.5	1.747	2.749	2.8	17.9
5 11	14 56.62	−14 27.3	1.740	2.748	1.9	17.8
5 21	14 48.40	−14 0.4	1.760	2.746	6.0	18.1
5 31	14 41.43	−13 39.6	1.806	2.745	9.9	18.3
6 10	14 36.39	−13 28.0	1.874	2.744	13.3	18.5

288755 2004 RX_{73} 5 7.7 292.°65 2.°1/ 8.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 28.44	−20 38.6	1.365	2.200	18.2	20.5
4 11	15 24.63	−21 6.6	1.266	2.176	14.5	20.2
4 21	15 17.38	−21 25.1	1.186	2.152	10.0	19.9
5 1	15 7.26	−21 32.4	1.129	2.128	4.8	19.5
5 11	14 55.49	−21 28.8	1.097	2.104	2.6	19.3
5 21	14 43.68	−21 16.8	1.088	2.080	7.7	19.5
5 31	14 33.55	−21 1.8	1.103	2.056	13.2	19.7
6 10	14 26.41	−20 50.5	1.139	2.033	18.2	20.0

423533 2005 US_{169} 5 7.7 58.°03 1.°3/ 8.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 26.90	−21 26.6	1.562	2.389	16.7	21.2
4 11	15 22.24	−21 23.7	1.503	2.409	12.9	21.0
4 21	15 14.95	−21 8.6	1.465	2.429	8.6	20.7
5 1	15 5.91	−20 42.3	1.451	2.450	3.9	20.5
5 11	14 56.30	−20 8.1	1.462	2.471	1.8	20.4
5 21	14 47.37	−19 30.8	1.500	2.491	6.1	20.7
5 31	14 40.16	−18 56.0	1.563	2.512	10.3	21.0
6 10	14 35.36	−18 28.5	1.649	2.533	14.0	21.3

162478 2000 OT_9 5 7.7 300.°22 1.°1/ 7.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.70	−17 19.7	1.327	2.178	17.7	20.1
4 11	15 20.79	−16 49.7	1.231	2.153	13.8	19.8
4 21	15 14.71	−16 6.4	1.154	2.128	9.1	19.5
5 1	15 6.09	−15 12.0	1.100	2.103	3.8	19.1
5 11	14 56.10	−14 11.9	1.070	2.078	2.6	18.9
5 21	14 46.23	−13 13.5	1.064	2.053	8.4	19.2
5 31	14 37.99	−12 25.0	1.081	2.029	14.0	19.4
6 10	14 32.54	−11 52.8	1.117	2.005	18.9	19.6

478979 2012 XK_{109} 5 7.7 217.°02 1.°5/ 6.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.95	−13 13.4	2.314	3.138	12.0	21.5
4 11	15 19.31	−12 58.1	2.227	3.135	9.2	21.3
4 21	15 12.82	−12 39.0	2.164	3.132	5.9	21.1
5 1	15 5.03	−12 18.2	2.129	3.129	2.6	20.9
5 11	14 56.70	−11 58.3	2.121	3.126	2.3	20.9
5 21	14 48.63	−11 42.3	2.142	3.122	5.6	21.1
5 31	14 41.59	−11 32.8	2.189	3.119	8.9	21.3
6 10	14 36.16	−11 31.8	2.261	3.115	11.9	21.5

422761 2001 TP_{183} 5 7.7 190.°77 0.°1/ 7.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 26.26	−18 42.1	2.213	3.027	12.9	22.9
4 11	15 21.18	−18 17.8	2.124	3.025	9.9	22.7
4 21	15 14.08	−17 44.8	2.059	3.024	6.5	22.5
5 1	15 5.56	−17 4.7	2.020	3.021	2.6	22.2
5 11	14 56.46	−16 20.7	2.010	3.018	1.4	22.1
5 21	14 47.67	−15 36.7	2.028	3.015	5.3	22.4
5 31	14 40.04	−14 57.0	2.074	3.010	8.9	22.6
6 10	14 34.19	−14 25.5	2.144	3.006	12.2	22.8

419827 2010 XE_{43} 5 7.7 121.°42 6.°7/ 3.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 27.20	− 0 7.7	1.856	2.688	14.2	20.8
4 11	15 21.96	+ 0 38.0	1.794	2.697	11.4	20.6
4 21	15 14.57	+ 1 17.9	1.754	2.705	8.5	20.5
5 1	15 5.73	+ 1 46.5	1.740	2.714	6.8	20.4
5 11	14 56.40	+ 1 59.3	1.752	2.722	7.4	20.4
5 21	14 47.55	+ 1 53.7	1.790	2.730	9.7	20.6
5 31	14 40.05	+ 1 29.3	1.852	2.737	12.6	20.8
6 10	14 34.54	+ 0 47.4	1.935	2.745	15.3	21.0

344758 2003 WG_{29} 5 7.7 278.°93 2.°9/ 9.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 25.28	−27 17.9	2.111	2.905	14.1	21.6
4 11	15 20.96	−27 9.9	1.995	2.877	11.4	21.4
4 21	15 14.27	−26 47.0	1.901	2.850	8.2	21.1
5 1	15 5.76	−26 8.2	1.832	2.822	4.7	20.9
5 11	14 56.32	−25 14.9	1.790	2.793	3.0	20.7
5 21	14 46.98	−24 10.8	1.776	2.765	5.6	20.8
5 31	14 38.80	−23 1.9	1.789	2.736	9.4	21.0
6 10	14 32.61	−21 54.9	1.826	2.706	13.1	21.1

343090 2009 DO_{19} 5 7.7 55.°60 3.°7/ 9.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 27.31	−26 31.2	1.975	2.772	14.8	20.5
4 11	15 22.36	−27 6.2	1.900	2.782	11.9	20.3
4 21	15 15.03	−27 29.2	1.846	2.792	8.5	20.1
5 1	15 5.99	−27 38.5	1.816	2.803	5.2	20.0
5 11	14 56.26	−27 34.5	1.814	2.813	3.7	19.9
5 21	14 46.92	−27 19.4	1.839	2.824	5.8	20.0
5 31	14 38.99	−26 57.5	1.889	2.835	9.1	20.3
6 10	14 33.19	−26 34.1	1.964	2.846	12.2	20.5

36678 2000 QJ_{228} 5 7.7 43.°16 2.°2/ 8.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 25.90	−23 57.6	1.328	2.161	18.7	19.1
4 11	15 22.16	−23 48.7	1.259	2.167	14.7	18.9
4 21	15 15.29	−23 22.4	1.208	2.173	10.0	18.6
5 1	15 6.16	−22 39.1	1.181	2.179	5.0	18.4
5 11	14 56.18	−21 42.7	1.177	2.185	2.5	18.2
5 21	14 46.82	−20 40.2	1.199	2.192	7.0	18.5
5 31	14 39.42	−19 39.8	1.244	2.199	11.9	18.8
6 10	14 34.83	−18 49.1	1.310	2.206	16.1	19.1

215874 2005 EB_{193} 5 7.7 306.°37 0.°6/ 8.0 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.47	−20 0.7	1.382	2.226	17.5	20.7
4 11	15 20.56	−19 50.1	1.284	2.201	13.8	20.3
4 21	15 14.54	−19 25.9	1.207	2.177	9.3	20.0
5 1	15 6.02	−18 48.7	1.151	2.153	4.0	19.6
5 11	14 56.17	−18 2.0	1.120	2.129	1.8	19.4
5 21	14 46.44	−17 11.6	1.114	2.106	7.5	19.7
5 31	14 38.30	−16 25.1	1.130	2.083	13.0	19.9
6 10	14 32.90	−15 49.5	1.166	2.061	17.8	20.1

472197 2014 EG 5 7.7 106.°84 5.°6/12.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 27.52	−34 40.8	2.342	3.094	14.0	20.9
4 11	15 22.34	−35 12.9	2.261	3.104	11.7	20.7
4 21	15 14.92	−35 29.3	2.201	3.114	9.2	20.6
5 1	15 5.93	−35 27.7	2.165	3.124	6.8	20.5
5 11	14 56.30	−35 8.0	2.156	3.133	5.6	20.4
5 21	14 47.04	−34 32.6	2.173	3.142	6.4	20.5
5 31	14 39.10	−33 46.1	2.218	3.152	8.6	20.6
6 10	14 33.15	−32 54.5	2.286	3.161	11.0	20.8

349376 2007 VL_{310} 5 7.7 200.°44 3.°7/10.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 25.06	−30 57.0	2.763	3.526	11.9	21.5
4 11	15 20.10	−31 5.0	2.665	3.523	9.7	21.3
4 21	15 13.32	−31 0.4	2.589	3.519	7.3	21.1
5 1	15 5.25	−30 42.3	2.540	3.515	4.9	21.0
5 11	14 56.63	−30 11.4	2.518	3.510	3.7	20.9
5 21	14 48.25	−29 30.2	2.526	3.505	4.9	20.9
5 31	14 40.87	−28 42.3	2.561	3.500	7.3	21.1
6 10	14 35.07	−27 52.7	2.621	3.495	9.8	21.2

390953 2005 MV_{20} 5 7.7 188.°80 4.°5/ 2.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 21.84	− 0 31.4	3.143	3.961	9.3	21.8
4 11	15 17.14	+ 0 14.0	3.065	3.959	7.4	21.7
4 21	15 11.15	+ 0 56.5	3.011	3.958	5.6	21.5
5 1	15 4.30	+ 1 32.9	2.986	3.955	4.6	21.5
5 11	14 57.12	+ 1 59.9	2.989	3.953	5.1	21.5
5 21	14 50.15	+ 2 15.6	3.021	3.949	6.7	21.6
5 31	14 43.91	+ 2 18.7	3.079	3.946	8.7	21.7
6 10	14 38.81	+ 2 9.0	3.160	3.941	10.5	21.8

185797 1999 VL_{152} 5 7.7 233.°47 2.°2/ 9.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.02	−25 35.1	2.820	3.605	11.1	21.1
4 11	15 19.24	−25 40.7	2.716	3.594	8.9	20.9
4 21	15 12.75	−25 36.7	2.636	3.583	6.2	20.8
5 1	15 5.03	−25 23.1	2.582	3.572	3.5	20.6
5 11	14 56.74	−25 0.7	2.557	3.560	2.3	20.5
5 21	14 48.62	−24 31.8	2.562	3.548	4.3	20.6
5 31	14 41.38	−23 59.5	2.594	3.536	7.1	20.7
6 10	14 35.59	−23 27.5	2.652	3.523	9.8	20.9

182075 2000 GM_{119} 5 7.7 302.°23 5.°3/ 4.2 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 22.22	− 8 8.3	1.554	2.407	15.5	20.1
4 11	15 18.93	− 7 1.6	1.466	2.388	12.0	19.8
4 21	15 13.07	− 5 50.0	1.400	2.370	8.3	19.6
5 1	15 5.29	− 4 39.8	1.359	2.351	5.5	19.4
5 11	14 56.60	− 3 38.8	1.342	2.333	6.3	19.4
5 21	14 48.16	− 2 53.7	1.350	2.315	9.9	19.5
5 31	14 41.09	− 2 29.3	1.382	2.298	14.0	19.7
6 10	14 36.26	− 2 27.5	1.432	2.280	17.8	19.9

138678 2000 SS_{23} 5 7.7 216.°43 0.°4/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.92	−20 12.2	2.373	3.180	12.3	21.2
4 11	15 20.89	−19 53.8	2.275	3.171	9.6	21.0
4 21	15 13.90	−19 26.3	2.200	3.162	6.3	20.8
5 1	15 5.52	−18 50.8	2.152	3.152	2.7	20.5
5 11	14 56.52	−18 9.8	2.133	3.142	1.2	20.4
5 21	14 47.74	−17 26.9	2.143	3.131	4.9	20.7
5 31	14 40.02	−16 46.3	2.181	3.119	8.5	20.8
6 10	14 33.99	−16 11.8	2.243	3.106	11.6	21.0

382394 3549 *P–L* 5 7.7 256.°56 0.°7/ 7.1 18

4 1	15 25.93	−18 27.4	2.259	3.073	12.7	21.2
4 11	15 21.10	−17 40.7	2.145	3.047	9.8	20.9
4 21	15 14.17	−16 42.8	2.055	3.021	6.4	20.7
5 1	15 5.68	−15 36.1	1.992	2.994	2.6	20.4
5 11	14 56.43	−14 24.4	1.958	2.966	1.7	20.2
5 21	14 47.30	−13 12.8	1.954	2.937	5.8	20.5
5 31	14 39.20	−12 7.1	1.977	2.907	9.6	20.6
6 10	14 32.84	−11 12.1	2.024	2.877	13.1	20.8

273514 2007 BO_5 5 7.7 161.°53 0.°4/ 7.9 18

4 1	15 28.54	−18 56.1	2.075	2.887	13.7	21.0
4 11	15 23.04	−18 54.7	1.993	2.892	10.6	20.8
4 21	15 15.35	−18 45.4	1.934	2.897	6.9	20.6
5 1	15 6.12	−18 28.9	1.901	2.901	2.9	20.3
5 11	14 56.26	−18 7.6	1.896	2.905	1.3	20.2
5 21	14 46.77	−17 44.4	1.921	2.908	5.4	20.5
5 31	14 38.56	−17 23.2	1.972	2.911	9.1	20.7
6 10	14 32.31	−17 7.6	2.047	2.913	12.4	20.9

219565 2001 SZ_{95} 5 7.7 188.°05 4.°3/10.6 17

4 1	15 29.91	−29 44.9	2.176	2.950	14.3	21.8
4 11	15 24.33	−30 11.4	2.084	2.949	11.7	21.7
4 21	15 16.34	−30 24.2	2.014	2.948	8.7	21.5
5 1	15 6.57	−30 21.3	1.969	2.947	5.8	21.3
5 11	14 56.02	−30 2.6	1.951	2.945	4.3	21.2
5 21	14 45.76	−29 30.5	1.961	2.942	6.0	21.3
5 31	14 36.82	−28 49.8	1.999	2.939	9.0	21.4
6 10	14 30.00	−28 6.4	2.060	2.935	12.0	21.6

192730 1999 TR_{188} 5 7.7 216.°98 3.°6/10.5 18

4 1	15 27.31	−29 31.2	2.516	3.287	12.7	21.6
4 11	15 22.04	−29 41.7	2.414	3.278	10.3	21.5
4 21	15 14.71	−29 39.5	2.333	3.269	7.6	21.3
5 1	15 5.87	−29 23.3	2.279	3.259	4.9	21.1
5 11	14 56.36	−28 53.7	2.253	3.248	3.6	21.0
5 21	14 47.05	−28 13.1	2.255	3.237	5.2	21.0
5 31	14 38.83	−27 25.9	2.285	3.225	8.0	21.2
6 10	14 32.38	−26 37.2	2.340	3.213	10.9	21.4

271834 2004 TE_{185} 5 7.7 244.°31 0.°0/ 7.5 17

4 1	15 24.49	−19 9.2	1.975	2.797	13.9	21.2
4 11	15 20.16	−18 44.0	1.883	2.789	10.7	21.0
4 21	15 13.60	−18 8.8	1.815	2.781	7.0	20.7
5 1	15 5.44	−17 25.1	1.771	2.773	2.9	20.5
5 11	14 56.58	−16 36.6	1.756	2.764	1.4	20.3
5 21	14 48.01	−15 47.8	1.768	2.756	5.7	20.6
5 31	14 40.67	−15 3.8	1.806	2.747	9.7	20.8
6 10	14 35.28	−14 28.9	1.868	2.738	13.3	21.0

263335 2008 CW_{77} 5 7.7 355.°09 4.°2/ 4.2 17

4 1	15 20.63	− 7 0.6	2.185	3.024	12.1	20.8
4 11	15 16.80	− 6 4.8	2.110	3.023	9.4	20.6
4 21	15 11.20	− 5 7.8	2.058	3.023	6.5	20.5
5 1	15 4.39	− 4 14.2	2.033	3.022	4.4	20.3
5 11	14 57.12	− 3 28.7	2.035	3.022	4.9	20.4
5 21	14 50.15	− 2 55.1	2.063	3.022	7.5	20.5
5 31	14 44.21	− 2 36.2	2.118	3.022	10.4	20.7
6 10	14 39.85	− 2 32.9	2.194	3.022	13.1	20.9

52311 1991 VK_8 5 7.7 61.°41 0.°4/ 7.5 18

4 1	15 25.93	−15 39.6	2.099	2.921	13.2	19.2
4 11	15 21.01	−15 47.5	2.020	2.926	10.1	19.0
4 21	15 14.02	−15 50.8	1.963	2.930	6.5	18.8
5 1	15 5.58	−15 50.4	1.933	2.935	2.7	18.6
5 11	14 56.54	−15 48.2	1.931	2.939	1.5	18.5
5 21	14 47.83	−15 46.5	1.957	2.944	5.4	18.7
5 31	14 40.31	−15 47.7	2.010	2.949	9.0	19.0
6 10	14 34.63	−15 54.4	2.087	2.954	12.2	19.2

327714 2006 SG_{135} 5 7.7 265.°96 0.°7/ 8.5 18

4 1	15 20.78	−20 37.4	3.527	4.324	8.9	21.1
4 11	15 16.44	−20 37.6	3.414	4.304	6.9	20.9
4 21	15 10.79	−20 32.2	3.326	4.284	4.6	20.8
5 1	15 4.22	−20 21.6	3.266	4.264	2.1	20.6
5 11	14 57.21	−20 7.1	3.236	4.244	1.0	20.4
5 21	14 50.28	−19 50.3	3.235	4.223	3.4	20.6
5 31	14 43.97	−19 33.1	3.264	4.202	5.9	20.8
6 10	14 38.71	−19 18.0	3.318	4.181	8.2	20.9

89796 2002 AT_{130} 5 7.7 321.°79 3.°4/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 20.91	− 9 24.3	1.994	2.836	13.0	18.8
4 11	15 17.32	− 8 46.1	1.907	2.823	10.0	18.6
4 21	15 11.72	− 8 5.1	1.842	2.811	6.7	18.4
5 1	15 4.68	− 7 25.2	1.803	2.799	3.9	18.2
5 11	14 56.99	− 6 51.0	1.791	2.788	4.2	18.2
5 21	14 49.55	− 6 26.3	1.805	2.777	7.3	18.3
5 31	14 43.19	− 6 14.3	1.845	2.766	10.8	18.5
6 10	14 38.59	− 6 16.6	1.906	2.756	13.9	18.7

197931 2004 RQ_{62} 5 7.7 283.°66 5.°4/ 3.5 17

4 1	15 22.72	− 7 24.7	1.816	2.660	14.0	20.8
4 11	15 19.00	− 6 3.1	1.720	2.636	10.9	20.6
4 21	15 12.99	− 4 36.0	1.646	2.612	7.7	20.3
5 1	15 5.26	− 3 9.7	1.599	2.587	5.5	20.1
5 11	14 56.70	− 1 51.9	1.578	2.563	6.4	20.1
5 21	14 48.31	− 0 49.3	1.583	2.538	9.6	20.3
5 31	14 41.08	− 0 7.1	1.612	2.513	13.3	20.4
6 10	14 35.82	+ 0 12.4	1.662	2.487	16.7	20.6

423237 2004 SG_{55} 5 7.7 319.°67 8.°1/11.3 17

4 1	15 29.49	−33 27.8	1.631	2.413	18.1	20.8
4 11	15 25.23	−34 47.6	1.541	2.402	15.3	20.6
4 21	15 17.65	−35 52.1	1.470	2.392	12.2	20.4
5 1	15 7.36	−36 34.9	1.421	2.382	9.4	20.2
5 11	14 55.62	−36 52.3	1.396	2.372	8.1	20.1
5 21	14 44.00	−36 44.4	1.395	2.363	9.3	20.1
5 31	14 34.11	−36 16.1	1.418	2.355	12.2	20.2
6 10	14 27.15	−35 36.0	1.462	2.346	15.5	20.4

25153 Tomhockey 5 7.7 237.°37 2.°9/ 5.6 18

4 1	15 24.40	−13 21.1	1.776	2.614	14.5	18.9
4 11	15 20.21	−12 17.8	1.691	2.606	11.1	18.7
4 21	15 13.70	−11 5.9	1.628	2.599	7.3	18.5
5 1	15 5.51	− 9 50.3	1.591	2.591	3.6	18.2
5 11	14 56.61	− 8 37.1	1.582	2.582	3.9	18.2
5 21	14 48.06	− 7 33.0	1.599	2.574	7.7	18.4
5 31	14 40.84	− 6 43.3	1.641	2.565	11.7	18.6
6 10	14 35.67	− 6 11.4	1.705	2.556	15.3	18.8

372480 2009 SA_{206} 5 7.7 99.°14 6.°0/10.3 18

4 1	15 36.10	−29 33.3	1.868	2.642	16.3	20.4
4 11	15 29.59	−30 56.8	1.789	2.652	13.4	20.3
4 21	15 20.06	−32 8.1	1.733	2.662	10.2	20.1
5 1	15 8.22	−33 2.2	1.701	2.671	7.3	19.9
5 11	14 55.28	−33 35.9	1.696	2.681	6.0	19.9
5 21	14 42.66	−33 49.6	1.719	2.690	7.6	20.0
5 31	14 31.72	−33 47.3	1.767	2.699	10.5	20.2
6 10	14 23.43	−33 35.6	1.840	2.708	13.5	20.4

272834 2006 BA_2 5 7.7 249.°99 2.°7/ 9.5 17

4 1	15 25.95	−25 30.6	1.961	2.764	14.7	20.7
4 11	15 21.46	−25 35.6	1.868	2.757	11.7	20.5
4 21	15 14.56	−25 27.6	1.796	2.749	8.2	20.2
5 1	15 5.90	−25 5.8	1.750	2.742	4.6	20.0
5 11	14 56.43	−24 31.9	1.730	2.734	2.8	19.9
5 21	14 47.24	−23 49.2	1.737	2.726	5.7	20.0
5 31	14 39.37	−23 3.2	1.771	2.718	9.4	20.2
6 10	14 33.60	−22 19.6	1.828	2.710	13.0	20.4

169741 2002 OK_6 5 7.8 271.°19 0.°3/ 7.5 16

4 1	15 23.61	−18 52.0	2.185	3.004	12.8	20.9
4 11	15 19.39	−18 18.0	2.077	2.982	10.0	20.7
4 21	15 13.11	−17 33.7	1.993	2.959	6.5	20.4
5 1	15 5.29	−16 41.0	1.935	2.936	2.7	20.2
5 11	14 56.73	−15 43.4	1.905	2.913	1.5	20.0
5 21	14 48.32	−14 45.5	1.903	2.890	5.6	20.3
5 31	14 40.96	−13 52.4	1.929	2.866	9.4	20.4
6 10	14 35.34	−13 8.5	1.978	2.842	12.9	20.6

467955 2012 HH_4 5 7.8 288.°70 3.°7/ 5.8 17

4 1	15 26.20	− 9 16.3	1.619	2.462	15.4	21.3
4 11	15 21.98	− 8 53.3	1.528	2.445	12.0	21.0
4 21	15 15.11	− 8 28.1	1.458	2.427	8.1	20.7
5 1	15 6.19	− 8 4.7	1.412	2.410	4.4	20.4
5 11	14 56.28	− 7 47.5	1.393	2.392	4.5	20.4
5 21	14 46.56	− 7 40.8	1.399	2.375	8.4	20.6
5 31	14 38.22	− 7 47.8	1.429	2.357	12.8	20.8
6 10	14 32.17	− 8 9.9	1.480	2.340	16.7	21.0

31821 1999 RK_{225} 5 7.8 266.°70 2.°5/ 4.1 18

4 1	15 14.86	− 5 16.7	4.466	5.289	6.7	19.4
4 11	15 11.59	− 4 45.4	4.381	5.285	5.2	19.3
4 21	15 7.48	− 4 14.7	4.321	5.280	3.6	19.1
5 1	15 2.83	− 3 46.3	4.290	5.276	2.5	19.0
5 11	14 57.96	− 3 22.2	4.289	5.271	2.8	19.1
5 21	14 53.20	− 3 3.9	4.316	5.267	4.2	19.2
5 31	14 48.90	− 2 52.5	4.371	5.262	5.8	19.3
6 10	14 45.33	− 2 48.7	4.450	5.258	7.3	19.4

173855 2001 TO_{169} 5 7.8 186.°96 2.°7/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.95	−27 52.3	2.565	3.348	12.2	20.8
4 11	15 19.31	−27 43.8	2.473	3.347	9.8	20.6
4 21	15 12.83	−27 22.9	2.403	3.347	7.0	20.4
5 1	15 5.10	−26 49.4	2.359	3.346	4.1	20.3
5 11	14 56.86	−26 5.2	2.343	3.345	2.7	20.2
5 21	14 48.91	−25 13.3	2.356	3.343	4.6	20.3
5 31	14 41.99	−24 18.3	2.397	3.341	7.5	20.5
6 10	14 36.70	−23 24.9	2.464	3.339	10.3	20.6

91088 1998 FQ_{120} 5 7.8 130.°95 5.°7/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.04	−31 15.9	1.968	2.741	15.7	19.8
4 11	15 25.52	−32 7.9	1.885	2.746	12.9	19.6
4 21	15 17.29	−32 45.4	1.824	2.751	9.9	19.4
5 1	15 7.05	−33 5.0	1.786	2.756	7.0	19.3
5 11	14 55.91	−33 5.4	1.775	2.761	5.7	19.2
5 21	14 45.10	−32 48.4	1.791	2.766	7.0	19.3
5 31	14 35.81	−32 18.8	1.833	2.770	9.8	19.5
6 10	14 28.92	−31 43.2	1.898	2.774	12.8	19.7

295858 2008 VO_{77} 5 7.8 33.°62 1.°2/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.12	−21 56.8	1.917	2.735	14.4	21.1
4 11	15 19.92	−21 46.5	1.836	2.737	11.2	20.9
4 21	15 13.46	−21 24.8	1.776	2.739	7.5	20.7
5 1	15 5.42	−20 52.8	1.742	2.740	3.5	20.4
5 11	14 56.73	−20 13.0	1.734	2.742	1.6	20.3
5 21	14 48.42	−19 29.9	1.754	2.744	5.4	20.6
5 31	14 41.42	−18 48.3	1.799	2.746	9.4	20.8
6 10	14 36.43	−18 13.0	1.868	2.748	12.8	21.0

207417 2006 DA_{44} 5 7.8 47.°42 3.°5/ 5.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.30	−12 32.8	1.283	2.140	17.9	20.3
4 11	15 21.53	−11 41.9	1.221	2.146	13.7	20.1
4 21	15 14.81	−10 43.7	1.178	2.152	8.9	19.8
5 1	15 6.01	− 9 43.9	1.159	2.159	4.4	19.6
5 11	14 56.46	− 8 49.8	1.164	2.166	4.6	19.6
5 21	14 47.55	− 8 8.2	1.193	2.173	9.0	19.9
5 31	14 40.49	− 7 44.0	1.245	2.180	13.6	20.2
6 10	14 36.08	− 7 39.3	1.316	2.188	17.6	20.4

479656 2014 DJ_{63} 5 7.8 354.°85 0.°9/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.63	−19 55.1	2.068	2.887	13.4	20.8
4 11	15 19.41	−19 59.6	1.983	2.886	10.4	20.6
4 21	15 13.09	−19 55.9	1.921	2.885	6.9	20.3
5 1	15 5.26	−19 44.6	1.884	2.884	3.1	20.1
5 11	14 56.80	−19 27.7	1.875	2.883	1.4	20.0
5 21	14 48.62	−19 8.1	1.893	2.883	5.2	20.2
5 31	14 41.62	−18 49.4	1.938	2.883	8.9	20.4
6 10	14 36.47	−18 35.2	2.006	2.883	12.2	20.6

340723 2006 SE_{114} 5 7.8 125.°86 3.°8/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.78	−31 27.9	2.949	3.701	11.4	21.9
4 11	15 21.98	−31 52.0	2.869	3.718	9.4	21.8
4 21	15 14.46	−32 4.3	2.812	3.734	7.1	21.6
5 1	15 5.75	−32 3.9	2.781	3.750	4.9	21.5
5 11	14 56.59	−31 51.0	2.779	3.765	3.8	21.5
5 21	14 47.75	−31 27.5	2.806	3.780	4.8	21.5
5 31	14 39.93	−30 56.7	2.861	3.795	6.9	21.7
6 10	14 33.67	−30 22.6	2.942	3.809	9.1	21.9

507302 2011 LL_{12} 5 7.8 308.°12 1.°2/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.05	−16 40.3	1.751	2.590	14.7	21.5
4 11	15 18.59	−16 4.5	1.660	2.575	11.3	21.3
4 21	15 12.77	−15 18.7	1.590	2.561	7.3	21.0
5 1	15 5.20	−14 25.8	1.545	2.547	3.0	20.7
5 11	14 56.83	−13 30.6	1.526	2.533	2.3	20.6
5 21	14 48.71	−12 38.6	1.534	2.520	6.7	20.8
5 31	14 41.89	−11 55.4	1.567	2.507	11.0	21.1
6 10	14 37.13	−11 25.2	1.622	2.494	14.8	21.3

109248 2001 QV_{101} 5 7.8 173.°77 5.°3/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.42	− 5 5.5	2.105	2.938	12.7	20.3
4 11	15 19.72	− 3 48.0	2.033	2.941	9.9	20.1
4 21	15 13.12	− 2 29.8	1.984	2.943	7.1	20.0
5 1	15 5.22	− 1 16.8	1.963	2.945	5.4	19.8
5 11	14 56.85	− 0 14.8	1.969	2.946	6.1	19.9
5 21	14 48.84	+ 0 31.6	2.002	2.946	8.6	20.0
5 31	14 41.97	+ 0 59.6	2.061	2.947	11.5	20.2
6 10	14 36.82	+ 1 8.5	2.140	2.946	14.1	20.4

105508 2000 RA_9 5 7.8 70.°95 4.°2/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.27	−29 34.2	2.275	3.053	13.6	20.0
4 11	15 21.44	−30 5.6	2.188	3.056	11.1	19.8
4 21	15 14.42	−30 24.3	2.124	3.059	8.3	19.6
5 1	15 5.82	−30 28.6	2.084	3.061	5.6	19.5
5 11	14 56.55	−30 18.7	2.071	3.064	4.2	19.4
5 21	14 47.55	−29 56.5	2.086	3.067	5.7	19.5
5 31	14 39.77	−29 26.1	2.128	3.070	8.4	19.7
6 10	14 33.89	−28 52.6	2.194	3.072	11.2	19.8

402946 2007 TN_{348} 5 7.8 215.°71 1.°3/ 6.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.96	−15 29.1	2.051	2.869	13.6	22.9
4 11	15 23.51	−14 59.1	1.955	2.860	10.5	22.7
4 21	15 15.79	−14 21.6	1.882	2.849	6.8	22.5
5 1	15 6.41	−13 38.8	1.836	2.837	2.9	22.2
5 11	14 56.27	−12 54.6	1.819	2.825	2.2	22.1
5 21	14 46.38	−12 13.2	1.830	2.811	6.2	22.3
5 31	14 37.71	−11 39.2	1.868	2.797	10.2	22.5
6 10	14 31.00	−11 16.1	1.929	2.782	13.7	22.7

280988 2006 DW_{90} 5 7.8 204.°36 3.°0/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.52	−11 18.7	2.006	2.841	13.2	21.1
4 11	15 19.23	−10 32.0	1.926	2.839	10.1	20.9
4 21	15 12.91	− 9 40.7	1.869	2.838	6.6	20.7
5 1	15 5.18	− 8 48.9	1.838	2.836	3.5	20.5
5 11	14 56.89	− 8 1.3	1.836	2.835	3.7	20.5
5 21	14 48.92	− 7 22.3	1.860	2.833	7.0	20.7
5 31	14 42.14	− 6 55.6	1.910	2.831	10.5	20.9
6 10	14 37.16	− 6 43.2	1.982	2.828	13.6	21.1

60081 1999 TV_{149} 5 7.8 178.°91 0.°0/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.85	−17 43.5	2.061	2.881	13.5	19.9
4 11	15 21.06	−17 35.8	1.977	2.882	10.4	19.7
4 21	15 14.13	−17 20.7	1.916	2.882	6.8	19.5
5 1	15 5.69	−16 59.7	1.881	2.883	2.8	19.3
5 11	14 56.63	−16 35.2	1.874	2.883	1.4	19.2
5 21	14 47.89	−16 10.6	1.895	2.882	5.5	19.4
5 31	14 40.37	−15 49.6	1.942	2.882	9.2	19.7
6 10	14 34.72	−15 35.5	2.013	2.881	12.5	19.9

34669 2000 YO_5 5 7.8 250.°88 9.°0/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.14	+14 22.4	2.809	3.594	11.2	18.4
4 11	15 18.45	+15 36.4	2.732	3.575	10.0	18.3
4 21	15 12.20	+16 39.8	2.678	3.555	9.1	18.2
5 1	15 4.86	+17 27.3	2.649	3.534	9.0	18.2
5 11	14 57.04	+17 54.4	2.645	3.513	9.7	18.2
5 21	14 49.40	+17 59.1	2.665	3.491	11.0	18.2
5 31	14 42.57	+17 40.9	2.706	3.469	12.5	18.3
6 10	14 37.07	+17 1.6	2.767	3.447	14.0	18.4

17899 Mariacristina 5 7.8 150.°01 2.°6/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.42	−24 15.5	1.671	2.481	16.5	18.6
4 11	15 25.14	−24 24.5	1.594	2.487	13.1	18.4
4 21	15 17.06	−24 19.9	1.536	2.493	9.0	18.1
5 1	15 6.96	−24 0.9	1.504	2.498	4.8	17.9
5 11	14 56.04	−23 29.3	1.497	2.503	2.7	17.8
5 21	14 45.61	−22 49.4	1.518	2.508	6.2	18.0
5 31	14 36.86	−22 7.1	1.564	2.512	10.5	18.2
6 10	14 30.63	−21 28.9	1.633	2.515	14.3	18.5

408524 2013 JS_{41} 5 7.8 87.°88 6.°4/ 4.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.74	− 4 57.1	1.435	2.285	16.7	21.4
4 11	15 22.29	− 3 58.0	1.374	2.291	13.0	21.2
4 21	15 15.15	− 3 0.0	1.333	2.298	9.2	20.9
5 1	15 6.14	− 2 10.3	1.316	2.304	6.6	20.8
5 11	14 56.47	− 1 35.6	1.324	2.310	7.2	20.9
5 21	14 47.37	− 1 20.4	1.357	2.316	10.5	21.1
5 31	14 39.95	− 1 27.0	1.412	2.322	14.2	21.3
6 10	14 34.97	− 1 54.4	1.486	2.328	17.6	21.5

469772 2005 QY_{69} 5 7.8 215.°33 4.°9/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.09	−36 8.1	3.128	3.855	11.3	22.4
4 11	15 21.66	−36 35.2	3.022	3.846	9.6	22.3
4 21	15 14.40	−36 49.5	2.938	3.837	7.7	22.1
5 1	15 5.80	−36 49.2	2.879	3.827	5.9	22.0
5 11	14 56.59	−36 33.8	2.848	3.817	4.9	21.9
5 21	14 47.54	−36 4.6	2.845	3.806	5.5	21.9
5 31	14 39.40	−35 24.8	2.870	3.795	7.2	22.0
6 10	14 32.80	−34 38.7	2.921	3.784	9.2	22.1

18634 Champigneulles 5 7.8 78.°56 5.°2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.81	− 8 2.6	1.765	2.610	14.3	18.4
4 11	15 18.77	− 6 31.6	1.702	2.620	11.0	18.2
4 21	15 12.61	− 4 57.3	1.663	2.629	7.6	18.0
5 1	15 5.04	− 3 27.0	1.650	2.639	5.3	17.9
5 11	14 57.01	− 2 8.0	1.664	2.649	6.1	18.0
5 21	14 49.46	− 1 6.3	1.704	2.659	9.1	18.2
5 31	14 43.25	− 0 25.4	1.768	2.668	12.3	18.4
6 10	14 38.98	− 0 6.4	1.853	2.678	15.3	18.6

346701 2008 YM_{144} 5 7.8 232.°91 3.°6/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.27	−29 17.5	2.273	3.054	13.6	21.7
4 11	15 20.68	−29 22.4	2.176	3.048	11.0	21.5
4 21	15 13.94	−29 13.1	2.102	3.042	8.1	21.3
5 1	15 5.65	−28 48.8	2.052	3.035	5.1	21.1
5 11	14 56.68	−28 10.6	2.030	3.028	3.6	21.0
5 21	14 47.97	−27 21.5	2.036	3.021	5.4	21.1
5 31	14 40.44	−26 26.5	2.068	3.013	8.4	21.3
6 10	14 34.79	−25 31.4	2.125	3.006	11.5	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
178340	1995 UL_{26}		5 7.8	173.°20	0.°8/ 7.2	17
	h m	° ′			°	m
4 1	15 28.17	−16 20.4	2.007	2.826	13.8	21.7
4 11	15 22.83	−15 59.3	1.924	2.829	10.6	21.5
4 21	15 15.28	−15 30.9	1.865	2.832	6.9	21.2
5 1	15 6.17	−14 57.3	1.833	2.834	2.8	21.0
5 11	14 56.45	−14 21.8	1.828	2.835	1.8	20.9
5 21	14 47.10	−13 48.5	1.852	2.836	5.9	21.2
5 31	14 39.04	−13 21.2	1.902	2.836	9.7	21.4
6 10	14 32.96	−13 3.3	1.976	2.835	13.1	21.6
261672	2005 YY_{166}		5 7.8	141.°34	4.°6/ 3.7	17
4 1	15 20.93	− 2 58.1	2.621	3.450	10.6	21.0
4 11	15 16.74	− 2 13.1	2.547	3.452	8.3	20.8
4 21	15 11.06	− 1 30.2	2.498	3.454	6.1	20.7
5 1	15 4.38	− 0 53.1	2.476	3.455	4.6	20.6
5 11	14 57.32	− 0 25.4	2.482	3.457	5.1	20.6
5 21	14 50.53	− 0 9.6	2.515	3.459	7.1	20.7
5 31	14 44.60	− 0 7.2	2.574	3.460	9.5	20.9
6 10	14 40.01	− 0 18.5	2.655	3.462	11.7	21.0
413447	2005 CA_{50}		5 7.8	58.°97	5.°8/ 4.4	17
4 1	15 25.34	− 6 41.0	1.424	2.277	16.6	20.3
4 11	15 21.25	− 5 38.8	1.362	2.283	12.9	20.1
4 21	15 14.49	− 4 35.7	1.321	2.288	9.0	19.9
5 1	15 5.88	− 3 38.7	1.303	2.294	6.1	19.8
5 11	14 56.61	− 2 54.8	1.311	2.300	6.7	19.8
5 21	14 47.90	− 2 29.4	1.343	2.306	10.1	20.0
5 31	14 40.85	− 2 25.2	1.398	2.313	14.0	20.2
6 10	14 36.21	− 2 42.1	1.472	2.319	17.4	20.5
340953	2007 EU_{77}		5 7.8	259.°04	3.°7/ 1.6	18
4 1	15 14.41	+ 0 50.3	4.527	5.346	6.7	21.0
4 11	15 11.26	+ 1 43.5	4.448	5.341	5.4	20.9
4 21	15 7.29	+ 2 34.5	4.395	5.335	4.2	20.8
5 1	15 2.79	+ 3 20.7	4.370	5.329	3.7	20.8
5 11	14 58.08	+ 3 59.9	4.375	5.324	4.1	20.8
5 21	14 53.49	+ 4 30.3	4.407	5.318	5.2	20.9
5 31	14 49.33	+ 4 50.8	4.465	5.312	6.6	21.0
6 10	14 45.89	+ 5 1.1	4.547	5.307	7.9	21.1
109665	2001 RM_{19}		5 7.8	197.°84	2.°7/ 9.5	17
4 1	15 28.19	−25 6.2	1.982	2.781	14.7	20.5
4 11	15 23.13	−25 15.5	1.892	2.779	11.7	20.3
4 21	15 15.64	−25 12.4	1.825	2.777	8.2	20.1
5 1	15 6.38	−24 56.2	1.782	2.774	4.5	19.9
5 11	14 56.35	−24 28.1	1.767	2.771	2.7	19.7
5 21	14 46.62	−23 51.4	1.779	2.768	5.6	19.9
5 31	14 38.25	−23 11.3	1.818	2.764	9.4	20.1
6 10	14 32.02	−22 33.3	1.881	2.759	12.8	20.3
75270	1999 XB_{16}		5 7.8	37.°82	5.°8/10.2	18
4 1	15 30.49	−27 22.4	1.354	2.170	19.4	17.8
4 11	15 25.94	−28 30.1	1.290	2.181	15.7	17.6
4 21	15 17.96	−29 22.5	1.244	2.193	11.6	17.4
5 1	15 7.44	−29 55.2	1.221	2.205	7.6	17.2
5 11	14 55.85	−30 6.5	1.221	2.218	5.8	17.1
5 21	14 44.85	−29 58.7	1.246	2.231	8.1	17.3
5 31	14 35.96	−29 38.1	1.295	2.245	11.9	17.5
6 10	14 30.18	−29 12.9	1.364	2.259	15.7	17.8
395840	2012 XG_{107}		5 7.8	138.°90	2.°7/ 5.7	18
4 1	15 24.29	− 9 1.7	2.514	3.338	11.2	21.2
4 11	15 19.35	− 8 40.9	2.438	3.345	8.6	21.0
4 21	15 12.77	− 8 19.3	2.387	3.352	5.7	20.9
5 1	15 5.09	− 7 59.3	2.363	3.359	3.1	20.7
5 11	14 57.00	− 7 43.8	2.368	3.365	3.2	20.7
5 21	14 49.21	− 7 35.0	2.401	3.371	5.8	20.9
5 31	14 42.39	− 7 34.9	2.462	3.377	8.7	21.1
6 10	14 37.04	− 7 44.3	2.546	3.383	11.2	21.3
177072	2003 FN_{32}		5 7.8	58.°53	0.°1/ 7.6	18
4 1	15 23.38	−17 43.9	2.143	2.965	12.9	20.5
4 11	15 19.02	−17 32.1	2.067	2.974	9.9	20.3
4 21	15 12.72	−17 13.2	2.015	2.982	6.4	20.1
5 1	15 5.10	−16 48.9	1.989	2.991	2.6	19.9
5 11	14 56.99	−16 21.8	1.991	2.999	1.3	19.8
5 21	14 49.24	−15 55.2	2.020	3.008	5.1	20.0
5 31	14 42.65	−15 32.7	2.077	3.017	8.7	20.3
6 10	14 37.79	−15 17.3	2.156	3.026	11.8	20.5
494242	2016 PL_{29}		5 7.8	185.°90	2.°8/ 5.7	17
4 1	15 24.14	− 8 49.8	2.443	3.268	11.4	21.1
4 11	15 19.34	− 8 29.4	2.360	3.268	8.8	20.9
4 21	15 12.83	− 8 8.1	2.302	3.268	5.8	20.7
5 1	15 5.14	− 7 48.6	2.271	3.267	3.3	20.6
5 11	14 56.97	− 7 33.7	2.269	3.266	3.4	20.6
5 21	14 49.06	− 7 26.0	2.295	3.265	6.0	20.7
5 31	14 42.12	− 7 27.3	2.348	3.264	9.0	20.9
6 10	14 36.70	− 7 38.6	2.424	3.263	11.7	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
39339	2002 AD_{32}		5 7.8	102.°61	0.°7/ 7.2	18 R
	h m	° ′			°	m
4 1	15 23.33	−15 59.9	2.461	3.280	11.6	20.0
4 11	15 18.68	−15 41.0	2.387	3.292	8.8	19.9
4 21	15 12.35	−15 16.8	2.337	3.304	5.7	19.7
5 1	15 4.92	−14 49.0	2.315	3.316	2.3	19.5
5 11	14 57.09	−14 20.4	2.320	3.328	1.5	19.4
5 21	14 49.60	−13 53.8	2.355	3.339	4.8	19.7
5 31	14 43.12	−13 32.3	2.417	3.351	8.0	19.9
6 10	14 38.17	−13 18.2	2.503	3.362	10.7	20.1
355479	2007 VG_{332}		5 7.8	218.°05	3.°6/10.9	17
4 1	15 24.56	−30 22.9	2.382	3.158	13.2	21.4
4 11	15 20.02	−30 19.2	2.287	3.154	10.7	21.2
4 21	15 13.45	−30 0.9	2.213	3.150	7.9	21.0
5 1	15 5.44	−29 27.1	2.165	3.146	5.1	20.8
5 11	14 56.83	−28 39.4	2.144	3.141	3.6	20.7
5 21	14 48.53	−27 41.0	2.152	3.136	5.2	20.8
5 31	14 41.36	−26 37.1	2.186	3.131	8.1	20.9
6 10	14 35.99	−25 33.5	2.246	3.126	11.0	21.1
141719	2002 LA_{19}		5 7.8	320.°89	0.°1/ 7.7	17
4 1	15 20.01	−19 2.1	1.196	2.056	18.6	19.8
4 11	15 18.33	−18 42.1	1.101	2.028	14.7	19.5
4 21	15 13.38	−18 6.5	1.025	2.000	9.8	19.1
5 1	15 5.73	−17 16.9	0.971	1.973	4.1	18.7
5 11	14 56.62	−16 18.1	0.938	1.947	2.1	18.5
5 21	14 47.58	−15 17.7	0.929	1.922	8.4	18.7
5 31	14 40.25	−14 24.9	0.941	1.898	14.3	19.0
6 10	14 35.88	−13 47.4	0.971	1.876	19.6	19.2
196225	2003 BD_{57}		5 7.8	156.°40	2.°2/ 6.5	18
4 1	15 29.34	−13 56.3	1.591	2.425	16.1	20.9
4 11	15 24.19	−13 21.8	1.518	2.431	12.3	20.7
4 21	15 16.38	−12 40.3	1.467	2.437	8.0	20.4
5 1	15 6.69	−11 55.2	1.440	2.441	3.6	20.2
5 11	14 56.28	−11 11.8	1.441	2.446	3.2	20.2
5 21	14 46.39	−10 35.2	1.468	2.449	7.5	20.4
5 31	14 38.12	−10 10.0	1.520	2.452	11.8	20.7
6 10	14 32.26	− 9 59.2	1.593	2.455	15.6	20.9
179403	2001 YE_{137}		5 7.8	108.°14	3.°8/10.9	18
4 1	15 25.56	−30 11.1	2.453	3.226	12.9	20.5
4 11	15 20.64	−30 23.4	2.372	3.237	10.5	20.3
4 21	15 13.77	−30 22.5	2.313	3.247	7.8	20.1
5 1	15 5.55	−30 7.3	2.280	3.258	5.1	20.0
5 11	14 56.82	−29 39.1	2.274	3.268	3.8	19.9
5 21	14 48.45	−29 0.4	2.296	3.278	5.1	20.0
5 31	14 41.23	−28 15.6	2.346	3.288	7.7	20.2
6 10	14 35.78	−27 29.8	2.420	3.298	10.4	20.4
109957	2001 SW_{47}		5 7.8	226.°53	4.°2/ 3.9	18
4 1	15 22.11	− 5 43.0	2.459	3.289	11.2	20.2
4 11	15 17.81	− 4 47.9	2.374	3.282	8.7	20.1
4 21	15 11.86	− 3 52.2	2.314	3.274	6.2	19.9
5 1	15 4.77	− 3 0.1	2.281	3.267	4.4	19.7
5 11	14 57.20	− 2 15.9	2.276	3.259	4.9	19.8
5 21	14 49.86	− 1 43.2	2.299	3.250	7.2	19.9
5 31	14 43.43	− 1 24.4	2.347	3.242	9.9	20.1
6 10	14 38.45	− 1 20.4	2.419	3.233	12.5	20.2
291151	2005 YS_{265}		5 7.8	121.°72	1.°1/ 8.5	17
4 1	15 26.14	−21 19.7	1.905	2.721	14.5	21.9
4 11	15 21.47	−21 12.7	1.826	2.726	11.3	21.7
4 21	15 14.49	−20 55.0	1.769	2.731	7.5	21.5
5 1	15 5.90	−20 27.4	1.737	2.736	3.4	21.2
5 11	14 56.66	−19 52.6	1.733	2.741	1.5	21.1
5 21	14 47.83	−19 14.6	1.756	2.746	5.5	21.4
5 31	14 40.37	−18 38.2	1.805	2.750	9.4	21.6
6 10	14 34.97	−18 8.0	1.877	2.754	12.9	21.8
196774	2003 SW_{177}		5 7.8	136.°38	1.°5/ 8.9	18
4 1	15 25.41	−22 59.3	2.106	2.913	13.7	20.5
4 11	15 20.72	−22 50.5	2.024	2.919	10.7	20.3
4 21	15 13.91	−22 30.5	1.965	2.924	7.2	20.1
5 1	15 5.64	−22 0.0	1.931	2.928	3.5	19.9
5 11	14 56.79	−21 21.4	1.926	2.933	1.7	19.8
5 21	14 48.32	−20 38.5	1.948	2.937	5.1	20.0
5 31	14 41.08	−19 56.0	1.997	2.942	8.7	20.2
6 10	14 35.74	−19 18.5	2.070	2.946	11.9	20.4
213904	2003 US_{61}		5 7.8	248.°08	4.°6/ 4.7	17
4 1	15 25.71	− 8 51.7	1.688	2.530	15.0	20.7
4 11	15 21.41	− 7 50.1	1.602	2.518	11.6	20.4
4 21	15 14.63	− 6 43.9	1.538	2.506	7.9	20.2
5 1	15 6.02	− 5 38.7	1.500	2.493	5.0	20.0
5 11	14 56.59	− 4 41.2	1.487	2.480	5.5	20.0
5 21	14 47.45	− 3 57.2	1.501	2.467	9.1	20.2
5 31	14 39.67	− 3 31.4	1.539	2.453	13.0	20.3
6 10	14 34.05	− 3 25.5	1.598	2.439	16.6	20.5

452557 2004 YO_2 5 7.8 38.°22 4.°8/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.27	− 1 0.3	1.042	1.882	22.3	19.1
4 11	15 36.39	− 2 27.3	0.996	1.907	17.4	18.9
4 21	15 24.55	− 4 10.2	0.969	1.933	11.8	18.7
5 1	15 10.03	− 6 8.0	0.965	1.961	6.5	18.5
5 11	14 54.80	− 8 15.9	0.988	1.989	5.3	18.5
5 21	14 40.84	−10 26.9	1.036	2.018	9.7	18.8
5 31	14 29.77	−12 35.7	1.109	2.048	14.6	19.2
6 10	14 22.45	−14 39.2	1.204	2.078	18.8	19.6

39682 1996 PZ_5 5 7.8 180.°19 2.°1/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.44	−13 22.1	2.036	2.859	13.5	20.0
4 11	15 22.98	−12 46.4	1.954	2.861	10.3	19.8
4 21	15 15.37	−12 5.1	1.894	2.862	6.7	19.6
5 1	15 6.24	−11 21.1	1.862	2.862	3.1	19.3
5 11	14 56.52	−10 38.6	1.858	2.862	2.9	19.3
5 21	14 47.16	−10 1.8	1.883	2.860	6.5	19.5
5 31	14 39.05	− 9 34.6	1.934	2.858	10.2	19.8
6 10	14 32.88	− 9 19.5	2.008	2.855	13.4	20.0

5497 Sararussell 5 7.8 87.°89 2.°7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.74	−12 16.2	2.160	2.994	12.4	17.3
4 11	15 17.69	−11 17.5	2.086	2.999	9.5	17.1
4 21	15 11.83	−10 13.5	2.036	3.005	6.2	16.9
5 1	15 4.76	− 9 8.6	2.013	3.011	3.2	16.7
5 11	14 57.25	− 8 7.5	2.017	3.016	3.5	16.8
5 21	14 50.10	− 7 14.9	2.050	3.022	6.5	17.0
5 31	14 44.05	− 6 34.6	2.108	3.027	9.7	17.2
6 10	14 39.63	− 6 8.7	2.190	3.033	12.6	17.4

31190 Toussaint 5 7.8 186.°95 5.°4/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.95	−34 49.7	2.134	2.892	15.1	18.6
4 11	15 22.94	−34 52.4	2.043	2.892	12.6	18.4
4 21	15 15.51	−34 36.2	1.971	2.891	9.7	18.2
5 1	15 6.35	−33 59.0	1.924	2.890	7.0	18.0
5 11	14 56.49	−33 1.8	1.903	2.889	5.4	17.9
5 21	14 47.04	−31 48.3	1.909	2.887	6.4	18.0
5 31	14 39.04	−30 25.1	1.943	2.885	9.1	18.2
6 10	14 33.20	−29 0.1	2.001	2.882	12.0	18.3

237072 2008 SR_{251} 5 7.8 126.°02 0.°9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.10	−20 54.6	1.937	2.755	14.3	20.5
4 11	15 20.67	−20 45.8	1.855	2.756	11.1	20.3
4 21	15 14.00	−20 26.6	1.794	2.758	7.4	20.1
5 1	15 5.72	−19 58.0	1.759	2.759	3.3	19.9
5 11	14 56.80	−19 22.7	1.751	2.760	1.4	19.7
5 21	14 48.22	−18 44.8	1.771	2.761	5.5	20.0
5 31	14 40.96	−18 8.8	1.817	2.762	9.4	20.2
6 10	14 35.69	−17 39.3	1.886	2.763	12.9	20.4

20486 1999 NU_{56} 5 7.8 299.°74 2.°2/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.85	−26 14.5	1.752	2.565	15.7	17.6
4 11	15 19.40	−25 41.7	1.654	2.550	12.5	17.4
4 21	15 13.42	−24 50.2	1.578	2.536	8.7	17.1
5 1	15 5.56	−23 40.5	1.526	2.521	4.5	16.8
5 11	14 56.86	−22 16.5	1.500	2.507	2.3	16.6
5 21	14 48.47	−20 44.6	1.500	2.492	6.0	16.8
5 31	14 41.48	−19 13.3	1.527	2.478	10.3	17.1
6 10	14 36.73	−17 50.5	1.577	2.464	14.3	17.3

43265 2000 DX_{54} 5 7.8 268.°32 2.°1/ 6.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.55	−14 52.3	1.405	2.252	17.2	20.2
4 11	15 22.64	−14 17.8	1.322	2.241	13.3	19.9
4 21	15 15.74	−13 33.7	1.258	2.231	8.7	19.6
5 1	15 6.58	−12 43.5	1.219	2.220	3.8	19.3
5 11	14 56.37	−11 53.1	1.204	2.210	3.2	19.2
5 21	14 46.50	−11 8.8	1.214	2.199	8.2	19.5
5 31	14 38.30	−10 36.8	1.248	2.188	13.2	19.8
6 10	14 32.73	−10 21.3	1.302	2.177	17.6	20.0

86996 2000 JM_{37} 5 7.8 299.°69 0.°8/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.37	−15 31.0	1.604	2.442	15.8	19.4
4 11	15 22.48	−15 30.8	1.498	2.413	12.4	19.1
4 21	15 15.73	−15 24.3	1.413	2.384	8.2	18.8
5 1	15 6.65	−15 12.6	1.352	2.354	3.4	18.4
5 11	14 56.29	−14 58.6	1.317	2.325	2.1	18.3
5 21	14 45.89	−14 45.8	1.308	2.296	7.2	18.5
5 31	14 36.81	−14 38.6	1.323	2.267	12.2	18.7
6 10	14 30.14	−14 41.1	1.359	2.239	16.7	18.9

164909 1999 XO_4 5 7.8 124.°68 1.°4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.04	−14 55.3	1.897	2.720	14.3	21.0
4 11	15 23.46	−14 30.9	1.829	2.736	10.9	20.8
4 21	15 15.66	−14 0.3	1.783	2.751	7.0	20.6
5 1	15 6.36	−13 26.2	1.764	2.766	2.9	20.3
5 11	14 56.56	−12 52.2	1.773	2.780	2.3	20.3
5 21	14 47.27	−12 22.3	1.810	2.793	6.2	20.6
5 31	14 39.40	−12 0.3	1.874	2.806	10.0	20.9
6 10	14 33.59	−11 48.7	1.960	2.818	13.3	21.1

163400 2002 QK_{74} 5 7.8 264.°77 3.°4/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.21	− 9 43.1	2.104	2.938	12.7	20.7
4 11	15 19.04	− 8 58.7	2.013	2.925	9.8	20.5
4 21	15 12.87	− 8 10.8	1.945	2.912	6.6	20.3
5 1	15 5.27	− 7 23.3	1.904	2.899	3.8	20.1
5 11	14 57.04	− 6 40.8	1.890	2.886	4.1	20.1
5 21	14 49.02	− 6 7.5	1.903	2.872	7.2	20.2
5 31	14 42.07	− 5 46.7	1.942	2.859	10.6	20.4
6 10	14 36.83	− 5 40.3	2.004	2.845	13.7	20.6

245523 2005 SY_{144} 5 7.8 278.°60 1.°0/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.07	−15 28.8	2.343	3.166	12.0	21.1
4 11	15 18.84	−15 9.9	2.240	3.147	9.2	20.9
4 21	15 12.73	−14 45.2	2.160	3.128	6.0	20.6
5 1	15 5.22	−14 16.4	2.107	3.108	2.5	20.4
5 11	14 57.05	−13 46.4	2.082	3.089	1.8	20.3
5 21	14 49.03	−13 18.3	2.085	3.069	5.4	20.5
5 31	14 41.94	−12 55.6	2.116	3.050	8.9	20.7
6 10	14 36.44	−12 41.1	2.170	3.030	12.1	20.8

478145 2011 UW_{147} 5 7.8 243.°25 2.°5/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.55	−12 32.7	2.264	3.095	12.0	21.5
4 11	15 17.56	−11 38.6	2.180	3.092	9.2	21.3
4 21	15 11.79	−10 39.0	2.119	3.088	6.0	21.0
5 1	15 4.79	− 9 37.6	2.086	3.084	3.0	20.9
5 11	14 57.30	− 8 39.1	2.081	3.081	3.2	20.9
5 21	14 50.09	− 7 47.8	2.104	3.077	6.3	21.0
5 31	14 43.90	− 7 7.5	2.153	3.073	9.5	21.2
6 10	14 39.28	− 6 40.7	2.225	3.069	12.4	21.4

417130 2005 VO_4 5 7.8 94.°86 3.°6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.28	− 7 8.4	1.924	2.750	14.0	21.0
4 11	15 24.25	− 6 57.6	1.864	2.771	10.8	20.8
4 21	15 16.08	− 6 47.8	1.828	2.792	7.2	20.7
5 1	15 6.51	− 6 42.3	1.818	2.812	4.1	20.5
5 11	14 56.52	− 6 43.6	1.836	2.832	4.2	20.6
5 21	14 47.07	− 6 54.0	1.882	2.852	7.2	20.8
5 31	14 39.03	− 7 14.4	1.954	2.871	10.5	21.0
6 10	14 33.01	− 7 45.2	2.049	2.890	13.4	21.2

50706 2000 EX_{132} 5 7.8 255.°43 3.°4/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.15	−25 36.4	1.883	2.683	15.3	19.0
4 11	15 24.26	−26 1.0	1.782	2.668	12.3	18.7
4 21	15 16.67	−26 13.6	1.702	2.652	8.8	18.5
5 1	15 6.98	−26 12.4	1.647	2.637	5.2	18.2
5 11	14 56.21	−25 57.4	1.618	2.621	3.4	18.1
5 21	14 45.58	−25 31.0	1.617	2.604	6.2	18.2
5 31	14 36.30	−24 58.1	1.641	2.587	10.2	18.4
6 10	14 29.32	−24 24.9	1.689	2.570	13.9	18.6

350692 2001 VM_{86} 5 7.8 212.°18 2.°8/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.85	− 7 51.2	2.883	3.701	10.1	21.7
4 11	15 18.93	− 7 25.5	2.790	3.694	7.7	21.5
4 21	15 12.52	− 6 59.1	2.723	3.686	5.2	21.3
5 1	15 5.07	− 6 34.6	2.685	3.678	3.1	21.2
5 11	14 57.18	− 6 14.8	2.675	3.669	3.3	21.2
5 21	14 49.47	− 6 1.8	2.695	3.659	5.6	21.3
5 31	14 42.55	− 5 57.6	2.742	3.649	8.2	21.5
6 10	14 36.92	− 6 3.1	2.814	3.639	10.6	21.6

157591 2005 UF_{449} 5 7.8 25.°76 4.°2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.02	−24 56.3	1.220	2.053	20.1	19.3
4 11	15 25.13	−25 35.5	1.151	2.056	16.1	19.0
4 21	15 17.65	−25 59.2	1.099	2.059	11.4	18.8
5 1	15 7.44	−26 4.4	1.069	2.062	6.6	18.5
5 11	14 56.03	−25 51.3	1.063	2.066	4.3	18.4
5 21	14 45.18	−25 23.9	1.079	2.071	7.8	18.6
5 31	14 36.51	−24 49.6	1.119	2.075	12.7	18.9
6 10	14 31.08	−24 17.0	1.178	2.080	17.1	19.2

504728 2009 UD_{149} 5 7.8 225.°00 0.°1/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.59	−19 44.8	2.368	3.174	12.4	24.3
4 11	15 21.50	−19 19.5	2.265	3.161	9.6	24.1
4 21	15 14.43	−18 44.8	2.186	3.148	6.3	23.9
5 1	15 5.92	−18 2.0	2.134	3.134	2.7	23.6
5 11	14 56.76	−17 14.0	2.111	3.119	1.2	23.5
5 21	14 47.80	−16 24.5	2.117	3.104	5.0	23.7
5 31	14 39.88	−15 38.1	2.151	3.087	8.7	23.9
6 10	14 33.65	−14 58.9	2.210	3.070	11.9	24.1

173852 2001 TC_{150} 5 7.8 187.°73 0.°5/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.52	−15 37.2	2.509	3.323	11.5	20.9
4 11	15 20.46	−15 36.5	2.421	3.323	8.8	20.7
4 21	15 13.63	−15 31.3	2.357	3.322	5.7	20.5
5 1	15 5.55	−15 22.8	2.320	3.321	2.3	20.3
5 11	14 56.95	−15 12.9	2.312	3.320	1.4	20.2
5 21	14 48.58	−15 3.8	2.333	3.318	4.8	20.5
5 31	14 41.18	−14 58.0	2.382	3.317	8.0	20.7
6 10	14 35.33	−14 57.5	2.456	3.314	10.9	20.8

54568 2000 QO_{152} 5 7.8 267.°04 0.°7/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.48	−17 12.8	2.265	3.087	12.3	18.9
4 11	15 18.40	−16 43.2	2.170	3.077	9.5	18.6
4 21	15 12.42	−16 5.6	2.099	3.066	6.1	18.4
5 1	15 5.09	−15 22.4	2.054	3.055	2.5	18.2
5 11	14 57.17	−14 36.7	2.037	3.045	1.6	18.1
5 21	14 49.47	−13 52.6	2.048	3.034	5.3	18.3
5 31	14 42.79	−13 14.1	2.087	3.023	8.9	18.5
6 10	14 37.75	−12 44.7	2.149	3.012	12.1	18.7

505200 2012 TK_{164} 5 7.8 221.°91 0.°9/ 7.1 17

4 1	15 23.91	−16 38.1	2.257	3.078	12.4	22.1
4 11	15 19.45	−16 7.5	2.166	3.072	9.5	21.9
4 21	15 13.07	−15 29.5	2.098	3.066	6.2	21.7
5 1	15 5.35	−14 46.2	2.058	3.059	2.5	21.5
5 11	14 57.05	−14 1.3	2.045	3.052	1.8	21.4
5 21	14 49.02	−13 18.4	2.061	3.045	5.4	21.6
5 31	14 42.04	−12 41.8	2.104	3.038	9.0	21.8
6 10	14 36.73	−12 14.5	2.171	3.030	12.1	22.0

138620 2000 QD_{220} 5 7.8 283.°66 3.°6/10.5 17

4 1	15 24.61	−28 32.4	2.227	3.014	13.6	19.9
4 11	15 20.24	−28 44.0	2.135	3.011	11.0	19.7
4 21	15 13.72	−28 42.2	2.066	3.008	8.1	19.5
5 1	15 5.65	−28 26.1	2.021	3.004	5.1	19.3
5 11	14 56.92	−27 56.7	2.003	3.001	3.6	19.2
5 21	14 48.45	−27 17.0	2.012	2.998	5.4	19.3
5 31	14 41.18	−26 31.4	2.049	2.995	8.4	19.5
6 10	14 35.77	−25 45.5	2.109	2.992	11.5	19.7

476436 2008 DM_{89} 5 7.8 252.°20 3.°7/10.4 18

4 1	15 26.20	−28 43.0	2.521	3.297	12.5	21.3
4 11	15 21.30	−29 12.5	2.421	3.288	10.2	21.2
4 21	15 14.37	−29 31.0	2.344	3.280	7.6	21.0
5 1	15 5.93	−29 37.1	2.292	3.271	5.0	20.8
5 11	14 56.78	−29 30.7	2.268	3.263	3.7	20.7
5 21	14 47.79	−29 13.3	2.273	3.254	5.2	20.8
5 31	14 39.81	−28 48.4	2.304	3.245	7.9	20.9
6 10	14 33.56	−28 20.3	2.361	3.236	10.7	21.1

368372 2002 RS_{15} 5 7.8 295.°58 7.°5/ 2.2 17

4 1	15 23.18	− 5 6.1	1.520	2.373	15.7	21.4
4 11	15 19.96	− 3 26.8	1.422	2.341	12.6	21.2
4 21	15 14.04	− 1 40.8	1.346	2.309	9.3	20.9
5 1	15 5.96	+ 0 3.1	1.294	2.276	7.5	20.7
5 11	14 56.75	+ 1 34.6	1.266	2.243	8.8	20.7
5 21	14 47.59	+ 2 44.4	1.264	2.210	12.3	20.8
5 31	14 39.75	+ 3 26.0	1.282	2.177	16.4	20.9
6 10	14 34.21	+ 3 37.3	1.319	2.144	20.3	21.1

51960 2001 QW_{261} 5 7.8 29.°91 2.°7/ 9.9 18

4 1	15 23.49	−27 7.2	2.127	2.925	13.9	18.6
4 11	15 19.36	−26 56.4	2.041	2.926	11.1	18.4
4 21	15 13.12	−26 31.4	1.977	2.927	7.8	18.2
5 1	15 5.40	−25 52.2	1.938	2.928	4.5	18.0
5 11	14 57.10	−25 1.3	1.926	2.929	2.7	17.8
5 21	14 49.15	−24 2.7	1.941	2.931	5.1	18.0
5 31	14 42.43	−23 2.0	1.984	2.932	8.5	18.2
6 10	14 37.59	−22 4.7	2.050	2.934	11.7	18.4

165440 2000 YD_{92} 5 7.8 179.°35 0.°4/ 8.1 18

4 1	15 29.68	−19 43.6	2.030	2.839	14.0	21.2
4 11	15 24.09	−19 33.1	1.944	2.841	10.9	21.0
4 21	15 16.20	−19 13.3	1.880	2.843	7.2	20.8
5 1	15 6.68	−18 45.1	1.843	2.843	3.1	20.5
5 11	14 56.49	−18 11.1	1.834	2.843	1.3	20.4
5 21	14 46.65	−17 35.0	1.854	2.842	5.5	20.7
5 31	14 38.12	−17 1.5	1.901	2.840	9.4	20.9
6 10	14 31.64	−16 34.6	1.972	2.838	12.9	21.1

338943 2004 EL_{64} 5 7.8 150.°67 0.°3/ 7.6 18

4 1	15 24.49	−17 15.7	2.374	3.190	12.0	21.2
4 11	15 19.74	−17 1.4	2.292	3.195	9.2	21.0
4 21	15 13.19	−16 40.7	2.234	3.199	6.0	20.8
5 1	15 5.39	−16 15.0	2.202	3.203	2.4	20.6
5 11	14 57.11	−15 47.1	2.199	3.207	1.3	20.5
5 21	14 49.12	−15 19.9	2.225	3.211	4.9	20.8
5 31	14 42.18	−14 56.7	2.277	3.214	8.2	21.0
6 10	14 36.86	−14 40.2	2.355	3.217	11.2	21.2

436275 2010 CT_{141} 5 7.8 121.°93 2.°7/ 9.7 17

4 1	15 26.37	−25 42.1	2.070	2.868	14.2	21.1
4 11	15 21.60	−25 48.9	1.988	2.873	11.3	20.9
4 21	15 14.60	−25 43.3	1.928	2.879	7.9	20.7
5 1	15 6.02	−25 24.8	1.893	2.884	4.5	20.5
5 11	14 56.81	−24 55.1	1.885	2.889	2.8	20.4
5 21	14 47.97	−24 17.4	1.905	2.894	5.3	20.5
5 31	14 40.43	−23 36.5	1.952	2.899	8.8	20.8
6 10	14 34.89	−22 57.7	2.023	2.903	12.0	21.0

427745 2004 RE_{133} 5 7.8 325.°00 3.°9/ 9.7 17

	h m	° ′			°	m
4 1	15 25.73	−25 32.0	1.556	2.375	17.1	20.9
4 11	15 22.08	−26 4.5	1.468	2.365	13.8	20.7
4 21	15 15.47	−26 23.7	1.399	2.354	9.9	20.4
5 1	15 6.55	−26 27.4	1.353	2.344	5.9	20.2
5 11	14 56.51	−26 15.6	1.332	2.335	3.9	20.0
5 21	14 46.71	−25 51.1	1.336	2.326	6.9	20.2
5 31	14 38.51	−25 19.5	1.365	2.318	11.2	20.4
6 10	14 32.92	−24 47.9	1.415	2.310	15.2	20.6

187475 2006 BV_{119} 5 7.8 327.°46 2.°6/ 4.3 18

4 1	15 15.27	− 6 6.7	4.008	4.834	7.3	19.5
4 11	15 12.06	− 5 30.6	3.922	4.828	5.6	19.3
4 21	15 7.93	− 4 54.6	3.863	4.824	3.9	19.2
5 1	15 3.17	− 4 20.9	3.832	4.819	2.7	19.1
5 11	14 58.17	− 3 51.7	3.829	4.814	3.0	19.1
5 21	14 53.30	− 3 28.6	3.856	4.809	4.5	19.2
5 31	14 48.93	− 3 13.3	3.909	4.805	6.3	19.4
6 10	14 45.37	− 3 6.3	3.988	4.800	8.0	19.5

110941 2001 UE_{154} 5 7.8 176.°77 0.°3/ 8.1 18

4 1	15 25.06	−21 16.6	1.911	2.729	14.4	19.8
4 11	15 20.66	−20 38.8	1.827	2.730	11.2	19.6
4 21	15 14.01	−19 48.2	1.766	2.730	7.4	19.4
5 1	15 5.78	−18 46.9	1.730	2.731	3.1	19.1
5 11	14 56.95	−17 39.3	1.722	2.731	1.3	18.9
5 21	14 48.51	−16 30.9	1.742	2.731	5.7	19.2
5 31	14 41.41	−15 27.8	1.788	2.731	9.7	19.5
6 10	14 36.32	−14 35.3	1.858	2.730	13.2	19.7

112327 2002 MR_4 5 7.8 153.°21 18.°5/23.5 18

4 1	15 29.73	+18 35.3	1.249	2.062	20.9	19.2
4 11	15 25.00	+21 31.4	1.219	2.068	19.3	19.1
4 21	15 17.12	+23 59.9	1.207	2.073	18.5	19.0
5 1	15 7.09	+25 45.8	1.214	2.078	18.8	19.1
5 11	14 56.37	+26 39.7	1.239	2.082	19.9	19.2
5 21	14 46.46	+26 40.0	1.281	2.086	21.6	19.3
5 31	14 38.61	+25 51.4	1.337	2.089	23.5	19.4
6 10	14 33.61	+24 23.0	1.404	2.091	25.2	19.6

87965 2000 TX_{28} 5 7.8 243.°23 3.°7/ 9.8 18

4 1	15 30.04	−26 25.5	2.117	2.904	14.2	19.0
4 11	15 24.69	−27 1.8	2.015	2.892	11.5	18.7
4 21	15 16.83	−27 27.6	1.935	2.880	8.3	18.5
5 1	15 7.06	−27 40.6	1.881	2.867	5.2	18.3
5 11	14 56.30	−27 40.3	1.855	2.854	3.7	18.2
5 21	14 45.67	−27 28.2	1.856	2.840	5.9	18.3
5 31	14 36.26	−27 8.2	1.885	2.827	9.3	18.5
6 10	14 28.94	−26 45.3	1.937	2.812	12.6	18.6

82194 2001 HC_{34} 5 7.8 321.°69 0.°5/ 8.0 18

4 1	15 25.71	−18 19.4	1.421	2.263	17.3	19.2
4 11	15 22.11	−18 27.9	1.337	2.252	13.5	19.0
4 21	15 15.50	−18 27.2	1.272	2.242	9.0	18.7
5 1	15 6.58	−18 18.1	1.231	2.233	3.8	18.4
5 11	14 56.54	−18 2.8	1.215	2.223	1.7	18.2
5 21	14 46.79	−17 45.2	1.223	2.215	7.0	18.5
5 31	14 38.69	−17 30.6	1.255	2.207	12.1	18.7
6 10	14 33.24	−17 23.6	1.308	2.199	16.5	19.0

486018 2012 SQ_{23} 5 7.8 270.°74 3.°1/ 2.7 17

4 1	15 14.72	− 2 44.1	4.439	5.262	6.7	21.3
4 11	15 11.56	− 1 51.5	4.355	5.255	5.3	21.2
4 21	15 7.57	− 0 59.7	4.298	5.249	3.9	21.1
5 1	15 3.02	− 0 11.3	4.269	5.242	3.1	21.1
5 11	14 58.26	+ 0 31.4	4.269	5.236	3.5	21.1
5 21	14 53.62	+ 1 6.6	4.298	5.229	4.8	21.2
5 31	14 49.41	+ 1 32.9	4.354	5.222	6.3	21.3
6 10	14 45.94	+ 1 49.6	4.434	5.216	7.7	21.4

110560 2001 TT_{107} 5 7.8 154.°37 2.°5/ 6.3 18

4 1	15 29.16	− 9 58.3	2.139	2.961	13.0	18.9
4 11	15 23.42	− 9 49.7	2.062	2.967	10.0	18.7
4 21	15 15.63	− 9 40.0	2.008	2.974	6.6	18.5
5 1	15 6.43	− 9 31.4	1.981	2.979	3.3	18.3
5 11	14 56.67	− 9 26.5	1.983	2.985	3.1	18.3
5 21	14 47.27	− 9 27.6	2.014	2.989	6.3	18.5
5 31	14 39.07	− 9 36.8	2.071	2.994	9.7	18.7
6 10	14 32.72	− 9 55.0	2.152	2.997	12.7	18.9

423549 2005 UD_{294} 5 7.8 271.°74 1.°1/ 8.6 17

4 1	15 25.08	−22 4.4	1.780	2.601	15.2	21.7
4 11	15 21.04	−21 47.8	1.687	2.590	12.0	21.4
4 21	15 14.49	−21 18.1	1.616	2.579	8.1	21.2
5 1	15 6.07	−20 36.2	1.569	2.568	3.7	20.9
5 11	14 56.81	−19 45.2	1.548	2.557	1.6	20.7
5 21	14 47.82	−18 50.0	1.555	2.546	6.0	21.0
5 31	14 40.20	−17 56.8	1.587	2.535	10.3	21.2
6 10	14 34.78	−17 11.4	1.642	2.523	14.2	21.4

308532 2005 UO_{126} 5 7.8 262.°88 0.°0/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.56	−19 33.3	2.426	3.242	11.8	21.2
4 11	15 17.54	−19 2.3	2.336	3.238	9.1	21.0
4 21	15 11.80	−18 22.5	2.270	3.235	5.9	20.8
5 1	15 4.85	−17 35.6	2.230	3.231	2.5	20.6
5 11	14 57.41	−16 45.0	2.219	3.228	1.2	20.4
5 21	14 50.24	−15 54.4	2.237	3.224	4.7	20.7
5 31	14 44.04	−15 7.9	2.282	3.221	8.1	20.9
6 10	14 39.37	−14 29.1	2.351	3.217	11.0	21.1

63153 2000 XF_{28} 5 7.8 207.°27 3.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.41	−26 39.0	1.840	2.635	15.8	19.8
4 11	15 25.19	−26 57.5	1.749	2.631	12.7	19.6
4 21	15 17.23	−27 2.2	1.678	2.626	9.1	19.3
5 1	15 7.23	−26 51.3	1.633	2.621	5.4	19.1
5 11	14 56.27	−26 25.4	1.614	2.615	3.6	19.0
5 21	14 45.62	−25 47.7	1.622	2.609	6.2	19.1
5 31	14 36.47	−25 3.9	1.656	2.602	10.1	19.3
6 10	14 29.70	−24 20.6	1.714	2.595	13.7	19.5

427750 2004 RY_{324} 5 7.8 213.°70 4.°0/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.29	−29 37.7	2.261	3.036	13.8	21.7
4 11	15 23.12	−29 56.4	2.164	3.030	11.3	21.5
4 21	15 15.67	−30 1.5	2.088	3.024	8.4	21.3
5 1	15 6.53	−29 51.4	2.038	3.017	5.5	21.1
5 11	14 56.61	−29 26.4	2.015	3.010	4.0	21.0
5 21	14 46.93	−28 49.1	2.019	3.002	5.7	21.1
5 31	14 38.47	−28 3.9	2.051	2.993	8.7	21.2
6 10	14 31.99	−27 16.8	2.108	2.985	11.7	21.4

419706 2010 UU_{74} 5 7.8 195.°33 1.°5/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.97	−13 41.2	1.887	2.712	14.3	21.3
4 11	15 23.69	−13 32.0	1.803	2.710	11.0	21.0
4 21	15 16.04	−13 18.2	1.741	2.708	7.2	20.8
5 1	15 6.68	−13 1.8	1.705	2.706	3.1	20.5
5 11	14 56.57	−12 45.7	1.697	2.703	2.4	20.5
5 21	14 46.79	−12 33.3	1.717	2.700	6.4	20.7
5 31	14 38.34	−12 27.6	1.763	2.696	10.4	20.9
6 10	14 31.97	−12 31.3	1.831	2.692	13.9	21.2

139543 2001 QL_{45} 5 7.8 296.°35 0.°0/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.31	−18 30.3	1.576	2.412	16.2	20.5
4 11	15 21.69	−18 22.0	1.476	2.388	12.7	20.2
4 21	15 15.22	−18 3.4	1.396	2.364	8.4	19.9
5 1	15 6.51	−17 35.3	1.339	2.341	3.6	19.5
5 11	14 56.60	−17 0.9	1.308	2.317	1.7	19.3
5 21	14 46.79	−16 24.7	1.303	2.294	6.9	19.6
5 31	14 38.39	−15 52.7	1.323	2.270	11.9	19.8
6 10	14 32.42	−15 30.2	1.363	2.247	16.4	20.0

381358 2008 DA_{58} 5 7.8 358.°68 7.°6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 19.30	− 1 1.4	1.999	2.843	12.9	19.4
4 11	15 16.01	+ 1 12.8	1.934	2.841	10.4	19.3
4 21	15 10.88	+ 3 26.2	1.893	2.840	8.3	19.1
5 1	15 4.49	+ 5 30.0	1.880	2.840	7.6	19.1
5 11	14 57.63	+ 7 15.7	1.894	2.840	8.8	19.1
5 21	14 51.11	+ 8 37.3	1.934	2.840	11.0	19.3
5 31	14 45.67	+ 9 31.8	1.996	2.841	13.5	19.4
6 10	14 41.87	+ 9 59.3	2.077	2.842	15.8	19.6

501731 2014 UG_{84} 5 7.8 282.°91 0.°3/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.29	−17 43.9	1.510	2.344	16.8	21.9
4 11	15 24.25	−17 34.3	1.403	2.315	13.2	21.6
4 21	15 17.09	−17 14.4	1.317	2.286	8.8	21.3
5 1	15 7.37	−16 45.0	1.254	2.256	3.7	20.9
5 11	14 56.18	−16 9.3	1.217	2.225	1.9	20.7
5 21	14 44.93	−15 32.1	1.205	2.194	7.6	21.0
5 31	14 35.13	−14 59.8	1.217	2.163	13.0	21.2
6 10	14 27.95	−14 38.2	1.251	2.131	17.8	21.4

141107 2001 XF_{58} 5 7.8 124.°82 3.°1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.56	− 7 40.8	2.453	3.278	11.4	20.1
4 11	15 19.65	− 7 20.4	2.379	3.285	8.8	20.0
4 21	15 13.07	− 7 0.2	2.329	3.293	5.9	19.8
5 1	15 5.36	− 6 42.7	2.306	3.300	3.5	19.6
5 11	14 57.24	− 6 30.8	2.312	3.307	3.6	19.7
5 21	14 49.43	− 6 26.7	2.346	3.314	6.1	19.8
5 31	14 42.60	− 6 32.0	2.407	3.320	8.9	20.0
6 10	14 37.28	− 6 47.5	2.492	3.327	11.5	20.2

403840 2011 UW_{266} 5 7.8 91.°55 6.°0/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.98	− 4 34.0	1.541	2.381	16.3	21.4
4 11	15 24.42	− 3 39.5	1.492	2.404	12.6	21.2
4 21	15 16.37	− 2 47.6	1.465	2.427	8.9	21.1
5 1	15 6.72	− 2 4.7	1.463	2.449	6.3	21.0
5 11	14 56.65	− 1 36.3	1.486	2.471	6.7	21.0
5 21	14 47.31	− 1 25.8	1.535	2.492	9.7	21.2
5 31	14 39.68	− 1 34.6	1.608	2.513	13.1	21.5
6 10	14 34.38	− 2 1.6	1.702	2.533	16.1	21.7

35338 1997 GD_7 5 7.8 344.°76 0.°5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.27	−16 49.4	2.083	2.911	13.0	18.9
4 11	15 18.39	−16 35.9	1.998	2.907	10.0	18.7
4 21	15 12.51	−16 15.5	1.936	2.904	6.5	18.4
5 1	15 5.21	−15 50.1	1.899	2.901	2.7	18.2
5 11	14 57.31	−15 22.6	1.890	2.898	1.5	18.1
5 21	14 49.68	−14 56.4	1.908	2.896	5.4	18.4
5 31	14 43.17	−14 35.1	1.953	2.894	9.1	18.6
6 10	14 38.41	−14 21.6	2.020	2.892	12.4	18.8

11911 Angel 5 7.8 217.°68 7.°0/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.01	+ 6 16.5	2.825	3.638	10.4	17.5
4 11	15 16.80	+ 7 30.4	2.753	3.632	8.7	17.4
4 21	15 11.17	+ 8 38.0	2.705	3.625	7.4	17.3
5 1	15 4.58	+ 9 34.4	2.684	3.618	7.0	17.3
5 11	14 57.61	+10 15.5	2.690	3.611	7.6	17.3
5 21	14 50.85	+10 38.7	2.721	3.603	9.1	17.4
5 31	14 44.87	+10 43.0	2.776	3.595	10.9	17.5
6 10	14 40.14	+10 29.2	2.852	3.586	12.6	17.6

113147 2002 RR_{94} 5 7.8 246.°75 0.°4/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.79	−17 9.0	2.340	3.156	12.2	20.5
4 11	15 20.18	−16 53.4	2.240	3.143	9.4	20.3
4 21	15 13.63	−16 30.9	2.164	3.130	6.1	20.0
5 1	15 5.68	−16 3.1	2.114	3.116	2.5	19.8
5 11	14 57.08	−15 32.6	2.093	3.101	1.4	19.7
5 21	14 48.65	−15 2.4	2.101	3.087	5.2	19.9
5 31	14 41.21	−14 36.2	2.135	3.071	8.7	20.1
6 10	14 35.41	−14 17.2	2.194	3.056	11.9	20.3

371614 2006 XG_{41} 5 7.8 217.°74 2.°2/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.56	−25 3.4	2.030	2.830	14.4	22.0
4 11	15 22.68	−24 55.1	1.935	2.823	11.4	21.8
4 21	15 15.43	−24 33.4	1.861	2.815	7.9	21.6
5 1	15 6.46	−23 58.1	1.813	2.807	4.2	21.3
5 11	14 56.72	−23 11.3	1.793	2.799	2.3	21.2
5 21	14 47.26	−22 17.1	1.800	2.789	5.5	21.3
5 31	14 39.10	−21 21.2	1.834	2.780	9.3	21.6
6 10	14 33.00	−20 29.4	1.893	2.770	12.8	21.8

84406 2002 TK_{181} 5 7.8 173.°91 0.°5/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.91	−20 13.5	2.019	2.831	14.0	21.6
4 11	15 22.75	−19 56.2	1.935	2.834	10.9	21.4
4 21	15 15.36	−19 28.7	1.873	2.836	7.2	21.2
5 1	15 6.38	−18 52.5	1.838	2.838	3.1	20.9
5 11	14 56.78	−18 10.4	1.830	2.839	1.3	20.8
5 21	14 47.54	−17 26.6	1.851	2.839	5.4	21.0
5 31	14 39.60	−16 45.9	1.899	2.839	9.3	21.3
6 10	14 33.65	−16 12.7	1.970	2.839	12.8	21.5

161285 2003 HU_{11} 5 7.8 322.°44 2.°7/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.39	−13 24.9	1.228	2.088	18.3	20.0
4 11	15 21.38	−12 59.2	1.150	2.077	14.2	19.7
4 21	15 15.17	−12 25.7	1.091	2.066	9.3	19.4
5 1	15 6.50	−11 48.5	1.054	2.056	4.2	19.1
5 11	14 56.68	−11 13.5	1.041	2.047	3.8	19.0
5 21	14 47.21	−10 46.8	1.051	2.038	8.9	19.3
5 31	14 39.56	−10 33.9	1.084	2.029	14.1	19.5
6 10	14 34.74	−10 38.1	1.134	2.022	18.7	19.8

455150 1995 TC_{10} 5 7.8 199.°29 1.°6/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.41	−15 30.7	1.711	2.539	15.4	22.5
4 11	15 24.28	−14 56.2	1.627	2.536	11.9	22.3
4 21	15 16.56	−14 13.0	1.564	2.532	7.7	22.0
5 1	15 6.94	−13 24.0	1.527	2.528	3.3	21.8
5 11	14 56.52	−12 34.1	1.517	2.523	2.6	21.7
5 21	14 46.46	−11 48.5	1.534	2.517	7.1	22.0
5 31	14 37.90	−11 12.5	1.577	2.510	11.4	22.2
6 10	14 31.62	−10 49.9	1.642	2.503	15.2	22.4

436687 2011 SX_{180} 5 7.8 274.°90 1.°1/ 6.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.47	−16 6.7	2.267	3.091	12.2	21.8
4 11	15 18.46	−15 31.5	2.167	3.075	9.4	21.5
4 21	15 12.54	−14 48.6	2.090	3.058	6.1	21.3
5 1	15 5.24	−14 0.5	2.040	3.041	2.6	21.0
5 11	14 57.31	−13 10.8	2.018	3.024	2.0	21.0
5 21	14 49.56	−12 23.7	2.024	3.007	5.6	21.2
5 31	14 42.79	−11 43.3	2.057	2.990	9.2	21.4
6 10	14 37.65	−11 13.2	2.113	2.972	12.4	21.5

488980 2005 UG_{353} 5 7.8 188.°74 3.°4/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.80	−28 38.5	3.059	3.816	10.9	22.2
4 11	15 23.70	−29 20.6	2.960	3.815	8.9	22.1
4 21	15 15.79	−29 53.9	2.885	3.814	6.6	21.9
5 1	15 6.56	−30 16.8	2.837	3.812	4.4	21.8
5 11	14 56.70	−30 28.6	2.819	3.810	3.4	21.7
5 21	14 46.96	−30 30.1	2.832	3.807	4.7	21.8
5 31	14 38.09	−30 23.8	2.873	3.805	6.9	21.9
6 10	14 30.71	−30 12.8	2.940	3.801	9.2	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
498536	2008 FT_{130}		5 7.8	344.°56	1.°7/ 5.6	18
	h m	° ′			°	m
4 1	15 16.52	− 9 12.7	4.100	4.920	7.3	21.4
4 11	15 13.01	− 8 55.5	4.013	4.919	5.5	21.2
4 21	15 8.56	− 8 37.6	3.953	4.917	3.7	21.1
5 1	15 3.48	− 8 20.8	3.920	4.916	2.0	21.0
5 11	14 58.16	− 8 6.5	3.917	4.914	2.1	21.0
5 21	14 52.97	− 7 56.3	3.944	4.913	3.8	21.1
5 31	14 48.28	− 7 51.4	3.998	4.912	5.7	21.2
6 10	14 44.40	− 7 52.6	4.078	4.911	7.4	21.3
336437	2008 UC_{266}		5 7.8	128.°12	2.°1/ 9.2	17
4 1	15 25.91	−23 57.0	2.003	2.809	14.3	21.5
4 11	15 21.34	−23 58.8	1.920	2.812	11.3	21.3
4 21	15 14.50	−23 48.9	1.858	2.815	7.8	21.0
5 1	15 6.06	−23 27.2	1.822	2.817	4.0	20.8
5 11	14 56.95	−22 55.7	1.813	2.819	2.2	20.7
5 21	14 48.20	−22 18.0	1.832	2.822	5.3	20.9
5 31	14 40.75	−21 38.8	1.877	2.824	9.0	21.1
6 10	14 35.30	−21 3.2	1.945	2.826	12.4	21.3
396340	2014 DB_{66}		5 7.8	97.°22	0.°7/ 7.3	17
4 1	15 24.47	−15 45.9	2.314	3.134	12.2	21.5
4 11	15 19.75	−15 35.7	2.238	3.144	9.3	21.4
4 21	15 13.22	−15 20.4	2.186	3.153	6.0	21.2
5 1	15 5.47	−15 1.5	2.160	3.162	2.4	20.9
5 11	14 57.24	−14 41.6	2.163	3.171	1.5	20.9
5 21	14 49.35	−14 23.3	2.194	3.180	5.0	21.1
5 31	14 42.53	−14 9.6	2.253	3.188	8.4	21.4
6 10	14 37.34	−14 2.8	2.335	3.197	11.3	21.6
98402	2000 UE_{8}		5 7.8	162.°33	0.°6/ 8.2	18
4 1	15 29.99	−20 14.7	1.947	2.757	14.5	20.8
4 11	15 24.40	−20 3.1	1.866	2.764	11.3	20.6
4 21	15 16.45	−19 41.5	1.808	2.770	7.4	20.3
5 1	15 6.85	−19 10.8	1.775	2.775	3.2	20.1
5 11	14 56.60	−18 33.8	1.771	2.779	1.4	19.9
5 21	14 46.76	−17 54.6	1.795	2.783	5.6	20.2
5 31	14 38.33	−17 18.0	1.845	2.786	9.6	20.5
6 10	14 32.01	−16 48.4	1.920	2.788	13.1	20.7
260842	2005 QF_{61}		5 7.8	347.°43	3.°8/ 4.8	18
4 1	15 20.19	−10 13.8	1.887	2.733	13.5	20.4
4 11	15 16.90	− 9 10.5	1.810	2.728	10.3	20.2
4 21	15 11.58	− 8 2.5	1.755	2.725	6.9	20.0
5 1	15 4.84	− 6 55.0	1.726	2.721	4.1	19.8
5 11	14 57.54	− 5 53.7	1.723	2.718	4.6	19.9
5 21	14 50.56	− 5 4.0	1.747	2.716	7.8	20.0
5 31	14 44.75	− 4 29.9	1.796	2.714	11.2	20.2
6 10	14 40.73	− 4 13.3	1.866	2.712	14.3	20.4
368242	2001 VN_{10}		5 7.8	229.°14	2.°7/10.2	18 R
4 1	15 27.65	−28 41.8	2.345	3.122	13.3	21.3
4 11	15 22.49	−28 13.7	2.236	3.108	10.7	21.1
4 21	15 15.20	−27 29.5	2.150	3.094	7.7	20.9
5 1	15 6.35	−26 29.0	2.090	3.079	4.5	20.6
5 11	14 56.83	−25 14.6	2.059	3.062	2.7	20.5
5 21	14 47.58	−23 50.9	2.058	3.046	5.0	20.6
5 31	14 39.49	−22 24.0	2.085	3.028	8.5	20.8
6 10	14 33.25	−21 0.8	2.137	3.010	11.7	21.0
374561	2006 BJ_{192}		5 7.8	147.°60	2.°3/ 5.9	17
4 1	15 25.96	−11 47.8	2.428	3.248	11.7	22.3
4 11	15 20.71	−11 8.3	2.354	3.259	8.9	22.1
4 21	15 13.76	−10 25.2	2.304	3.270	5.8	21.9
5 1	15 5.67	− 9 41.6	2.282	3.280	2.9	21.8
5 11	14 57.18	− 9 1.0	2.289	3.289	2.9	21.8
5 21	14 49.05	− 8 26.9	2.325	3.298	5.8	22.0
5 31	14 41.96	− 8 2.0	2.388	3.306	8.8	22.2
6 10	14 36.44	− 7 48.2	2.476	3.313	11.5	22.4
289082	2004 TZ_{241}		5 7.8	216.°42	4.°4/10.5	16
4 1	15 30.14	−29 0.0	1.720	2.513	16.8	21.4
4 11	15 25.24	−29 14.8	1.629	2.507	13.7	21.1
4 21	15 17.42	−29 12.7	1.558	2.501	10.0	20.9
5 1	15 7.39	−28 51.2	1.510	2.495	6.3	20.7
5 11	14 56.33	−28 11.0	1.489	2.488	4.4	20.5
5 21	14 45.62	−27 16.0	1.494	2.480	6.7	20.7
5 31	14 36.53	−26 13.3	1.524	2.472	10.6	20.9
6 10	14 30.03	−25 11.1	1.578	2.464	14.4	21.1
475130	2005 UR_{312}		5 7.8	242.°48	0.°9/ 8.7	17
4 1	15 22.16	−22 55.4	2.606	3.407	11.5	21.1
4 11	15 17.97	−22 26.6	2.507	3.399	9.0	21.0
4 21	15 12.09	−21 47.2	2.432	3.390	6.0	20.8
5 1	15 5.02	−20 58.5	2.384	3.382	2.8	20.5
5 11	14 57.46	−20 3.1	2.364	3.373	1.2	20.4
5 21	14 50.13	−19 4.8	2.374	3.363	4.3	20.6
5 31	14 43.72	−18 7.9	2.412	3.354	7.5	20.8
6 10	14 38.79	−17 16.5	2.475	3.345	10.4	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
346749	2009 BX_{18}		5 7.8	196.°71	1.°4/ 6.8	18
	h m	° ′			°	m
4 1	15 24.17	−14 37.7	2.235	3.059	12.4	21.7
4 11	15 19.65	−14 10.5	2.150	3.058	9.5	21.5
4 21	15 13.25	−13 37.7	2.088	3.056	6.1	21.3
5 1	15 5.51	−13 1.6	2.053	3.054	2.6	21.1
5 11	14 57.24	−12 25.7	2.047	3.052	2.2	21.0
5 21	14 49.25	−11 53.6	2.068	3.050	5.6	21.3
5 31	14 42.32	−11 28.6	2.117	3.048	9.1	21.5
6 10	14 37.07	−11 13.3	2.189	3.045	12.1	21.6
384133	2008 YA_{86}		5 7.8	289.°26	3.°1/ 5.8	17
4 1	15 24.24	− 9 43.2	1.974	2.810	13.4	20.8
4 11	15 19.95	− 9 15.4	1.891	2.804	10.3	20.6
4 21	15 13.57	− 8 45.4	1.830	2.798	6.8	20.4
5 1	15 5.68	− 8 16.6	1.795	2.792	3.7	20.2
5 11	14 57.15	− 7 52.8	1.787	2.786	3.8	20.1
5 21	14 48.90	− 7 37.7	1.807	2.780	7.1	20.3
5 31	14 41.81	− 7 33.9	1.851	2.775	10.6	20.5
6 10	14 36.56	− 7 42.8	1.919	2.769	13.8	20.7
192920	1999 YT_{10}		5 7.8	160.°47	0.°8/ 7.2	17
4 1	15 24.28	−17 8.7	2.062	2.886	13.3	21.0
4 11	15 19.89	−16 36.7	1.980	2.888	10.2	20.8
4 21	15 13.46	−15 56.6	1.922	2.890	6.6	20.6
5 1	15 5.61	−15 10.7	1.890	2.891	2.7	20.4
5 11	14 57.21	−14 22.9	1.885	2.893	1.7	20.3
5 21	14 49.16	−13 37.5	1.909	2.894	5.6	20.6
5 31	14 42.29	−12 58.9	1.959	2.895	9.4	20.8
6 10	14 37.24	−12 30.6	2.032	2.896	12.6	21.0
137510	1999 VL_{30}		5 7.8	193.°50	1.°0/ 8.5	17
4 1	15 27.52	−22 13.1	1.908	2.719	14.7	20.4
4 11	15 22.66	−21 49.9	1.820	2.718	11.5	20.2
4 21	15 15.41	−21 14.0	1.755	2.716	7.7	19.9
5 1	15 6.46	−20 26.3	1.715	2.713	3.5	19.7
5 11	14 56.81	−19 30.4	1.702	2.710	1.5	19.5
5 21	14 47.52	−18 31.1	1.717	2.707	5.6	19.8
5 31	14 39.60	−17 34.5	1.759	2.703	9.7	20.0
6 10	14 33.79	−16 45.9	1.825	2.699	13.4	20.2
369572	2011 BW_{73}		5 7.8	151.°83	5.°2/ 3.5	17
4 1	15 25.50	− 4 16.6	2.193	3.022	12.5	22.5
4 11	15 20.50	− 3 6.4	2.126	3.031	9.7	22.4
4 21	15 13.69	− 1 56.9	2.082	3.039	7.0	22.2
5 1	15 5.66	− 0 53.3	2.066	3.047	5.3	22.1
5 11	14 57.21	− 0 1.0	2.078	3.054	5.9	22.2
5 21	14 49.14	+ 0 36.3	2.117	3.060	8.3	22.3
5 31	14 42.20	+ 0 56.1	2.182	3.066	11.0	22.5
6 10	14 36.92	+ 0 58.4	2.268	3.071	13.5	22.7
431117	2006 HE_{41}		5 7.8	303.°16	6.°0/ 3.6	17
4 1	15 22.79	− 3 30.9	1.842	2.685	13.9	20.9
4 11	15 19.00	− 2 33.7	1.760	2.672	11.0	20.6
4 21	15 13.03	− 1 37.6	1.700	2.660	8.0	20.4
5 1	15 5.49	− 0 48.5	1.666	2.648	6.1	20.3
5 11	14 57.26	− 0 12.1	1.657	2.636	6.8	20.3
5 21	14 49.29	+ 0 7.2	1.674	2.625	9.5	20.4
5 31	14 42.51	+ 0 6.9	1.715	2.613	12.7	20.6
6 10	14 37.62	− 0 13.0	1.776	2.602	15.8	20.8
29926	1999 JW_{32}		5 7.8	240.°16	1.°0/ 7.1	18
4 1	15 25.23	−14 11.9	2.360	3.180	12.0	18.0
4 11	15 20.44	−14 8.0	2.269	3.174	9.2	17.8
4 21	15 13.77	−14 0.2	2.201	3.167	6.0	17.6
5 1	15 5.75	−13 50.1	2.160	3.161	2.5	17.3
5 11	14 57.14	−13 39.7	2.147	3.154	1.8	17.3
5 21	14 48.74	−13 31.6	2.163	3.147	5.2	17.5
5 31	14 41.32	−13 28.1	2.206	3.140	8.6	17.7
6 10	14 35.52	−13 31.4	2.274	3.132	11.7	17.9
462241	2008 CP_{66}		5 7.8	338.°46	2.°9/ 6.3	17
4 1	15 22.53	−12 46.5	1.290	2.150	17.5	21.0
4 11	15 19.76	−12 17.4	1.213	2.141	13.5	20.8
4 21	15 14.00	−11 41.3	1.156	2.131	8.9	20.5
5 1	15 6.01	−11 2.8	1.122	2.123	4.2	20.2
5 11	14 57.00	−10 27.6	1.111	2.116	3.9	20.1
5 21	14 48.37	−10 1.7	1.124	2.109	8.7	20.4
5 31	14 41.42	− 9 50.1	1.159	2.103	13.6	20.6
6 10	14 37.12	− 9 55.5	1.214	2.099	17.9	20.9
475232	2005 VK_{130}		5 7.8	272.°77	4.°0/ 4.2	17
4 1	15 20.93	− 7 19.7	2.340	3.175	11.6	21.6
4 11	15 17.04	− 6 20.1	2.261	3.172	8.9	21.4
4 21	15 11.48	− 5 18.9	2.207	3.170	6.2	21.2
5 1	15 4.77	− 4 20.5	2.179	3.168	4.2	21.1
5 11	14 57.61	− 3 29.4	2.179	3.166	4.7	21.1
5 21	14 50.73	− 2 49.5	2.207	3.164	7.1	21.2
5 31	14 44.80	− 2 23.7	2.260	3.162	9.9	21.4
6 10	14 40.34	− 2 13.0	2.336	3.160	12.5	21.6

334409 2002 DS_{15} 5 7.8 75.°84 3.°1/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.76	−26 0.8	1.407	2.224	18.8	21.2
4 11	15 25.66	−26 0.4	1.351	2.247	14.8	21.0
4 21	15 17.51	−25 42.0	1.313	2.270	10.3	20.8
5 1	15 7.30	−25 5.6	1.299	2.293	5.6	20.6
5 11	14 56.49	−24 14.5	1.310	2.315	3.2	20.5
5 21	14 46.51	−23 15.1	1.347	2.338	6.6	20.8
5 31	14 38.59	−22 15.5	1.408	2.360	11.0	21.1
6 10	14 33.48	−21 23.0	1.491	2.382	14.8	21.4

513640 2011 QR_{73} 5 7.8 329.°94 4.°6/14.0 18

4 1	15 20.11	−40 26.5	4.182	4.880	9.1	21.2
4 11	15 16.04	−40 48.1	4.081	4.876	7.8	21.1
4 21	15 10.68	−40 58.5	4.002	4.872	6.5	20.9
5 1	15 4.42	−40 56.6	3.948	4.869	5.3	20.9
5 11	14 57.77	−40 42.5	3.920	4.865	4.7	20.8
5 21	14 51.27	−40 17.2	3.919	4.862	4.8	20.8
5 31	14 45.43	−39 42.7	3.946	4.859	5.8	20.9
6 10	14 40.69	−39 2.2	3.998	4.855	7.1	21.0

235904 2005 EZ_3 5 7.8 233.°76 3.°5/ 5.3 17

4 1	15 23.63	− 9 21.2	2.060	2.895	12.9	20.9
4 11	15 19.36	− 8 37.5	1.979	2.892	9.9	20.7
4 21	15 13.12	− 7 51.1	1.921	2.888	6.7	20.5
5 1	15 5.49	− 7 6.0	1.890	2.885	3.9	20.3
5 11	14 57.29	− 6 26.6	1.886	2.881	4.2	20.4
5 21	14 49.39	− 5 57.0	1.909	2.877	7.2	20.5
5 31	14 42.61	− 5 40.2	1.957	2.874	10.5	20.7
6 10	14 37.57	− 5 37.7	2.028	2.870	13.5	20.9

6414 Mizunuma 5 7.8 0.°49 0.°8/ 8.2 18

4 1	15 26.73	−19 25.6	1.139	1.992	19.9	16.7
4 11	15 23.44	−19 29.1	1.070	1.991	15.6	16.4
4 21	15 16.63	−19 19.7	1.018	1.990	10.3	16.1
5 1	15 7.15	−18 58.2	0.988	1.990	4.5	15.8
5 11	14 56.50	−18 28.3	0.981	1.990	1.9	15.6
5 21	14 46.40	−17 55.6	0.997	1.991	7.9	15.9
5 31	14 38.41	−17 27.2	1.036	1.992	13.4	16.3
6 10	14 33.59	−17 9.5	1.093	1.994	18.2	16.5

95930 2003 JC_{16} 5 7.8 340.°86 9.°2/30.9 18

4 1	15 21.19	+ 6 11.7	1.889	2.722	14.0	19.4
4 11	15 17.65	+ 7 20.4	1.821	2.713	11.8	19.2
4 21	15 12.07	+ 8 19.7	1.775	2.705	9.9	19.1
5 1	15 5.07	+ 9 2.7	1.752	2.698	9.2	19.0
5 11	14 57.50	+ 9 23.5	1.754	2.691	10.0	19.0
5 21	14 50.24	+ 9 19.4	1.779	2.684	11.9	19.1
5 31	14 44.14	+ 8 49.8	1.826	2.679	14.3	19.3
6 10	14 39.84	+ 7 57.3	1.892	2.673	16.6	19.4

13277 1998 QV_{40} 5 7.8 239.°63 0.°1/ 7.7 18

4 1	15 24.00	−19 0.7	2.034	2.855	13.6	17.7
4 11	15 19.79	−18 33.0	1.946	2.852	10.5	17.5
4 21	15 13.47	−17 55.7	1.882	2.848	6.8	17.3
5 1	15 5.66	−17 10.5	1.843	2.844	2.8	17.0
5 11	14 57.22	−16 21.2	1.831	2.840	1.4	16.9
5 21	14 49.09	−15 32.1	1.848	2.836	5.5	17.1
5 31	14 42.15	−14 48.1	1.891	2.832	9.4	17.4
6 10	14 37.06	−14 13.4	1.957	2.827	12.8	17.6

167746 2004 XQ_{35} 5 7.8 87.°83 1.°2/ 8.5 18

4 1	15 30.43	−21 17.3	1.500	2.324	17.4	20.7
4 11	15 25.22	−21 13.9	1.439	2.343	13.5	20.5
4 21	15 17.17	−20 57.9	1.398	2.362	9.0	20.3
5 1	15 7.18	−20 30.1	1.381	2.380	4.1	20.1
5 11	14 56.56	−19 53.9	1.390	2.398	1.8	19.9
5 21	14 46.63	−19 14.4	1.425	2.416	6.4	20.3
5 31	14 38.55	−18 37.5	1.485	2.433	10.8	20.6
6 10	14 33.09	−18 8.7	1.568	2.451	14.7	20.8

310315 2011 UN_{127} 5 7.8 204.°81 2.°5/ 6.2 18

4 1	15 25.94	− 8 40.1	2.493	3.313	11.4	20.6
4 11	15 20.79	− 8 38.3	2.407	3.312	8.7	20.4
4 21	15 13.90	− 8 36.7	2.346	3.311	5.8	20.2
5 1	15 5.79	− 8 37.2	2.313	3.309	3.1	20.0
5 11	14 57.17	− 8 41.8	2.308	3.308	3.0	20.0
5 21	14 48.79	− 8 52.2	2.333	3.306	5.7	20.2
5 31	14 41.35	− 9 9.9	2.384	3.305	8.7	20.4
6 10	14 35.44	− 9 35.4	2.461	3.303	11.4	20.6

251359 2007 TF_{212} 5 7.8 355.°68 2.°5/ 9.3 17

4 1	15 24.12	−25 18.6	1.318	2.152	18.8	19.8
4 11	15 21.07	−25 1.3	1.243	2.150	14.9	19.6
4 21	15 14.88	−24 23.9	1.186	2.149	10.3	19.3
5 1	15 6.37	−23 26.9	1.151	2.148	5.3	19.0
5 11	14 56.90	−22 14.5	1.140	2.147	2.7	18.8
5 21	14 47.96	−20 54.5	1.153	2.147	7.0	19.1
5 31	14 40.90	−19 36.5	1.190	2.148	12.0	19.4
6 10	14 36.65	−18 29.2	1.248	2.149	16.5	19.6

185689 1997 GR_7 5 7.8 51.°61 2.°7/ 8.9 18

	h m	° ′			°	m
4 1	15 33.91	−21 31.0	2.101	2.895	14.1	19.7
4 11	15 27.39	−22 39.0	2.025	2.910	11.1	19.5
4 21	15 18.45	−23 40.7	1.972	2.924	7.7	19.4
5 1	15 7.74	−24 33.5	1.947	2.939	4.2	19.2
5 11	14 56.27	−25 16.0	1.950	2.953	2.8	19.1
5 21	14 45.13	−25 48.4	1.983	2.968	5.5	19.3
5 31	14 35.34	−26 12.7	2.044	2.984	8.9	19.5
6 10	14 27.69	−26 32.5	2.130	2.999	11.9	19.7

34807 2001 SQ_{72} 5 7.8 21.°72 4.°6/ 3.7 18

4 1	15 19.61	−22 5.9	0.989	1.857	21.1	17.0
4 11	15 17.80	−18 28.7	0.932	1.865	15.9	16.7
4 21	15 12.66	−14 15.6	0.896	1.875	10.0	16.4
5 1	15 5.35	− 9 45.5	0.885	1.886	5.0	16.1
5 11	14 57.46	− 5 25.4	0.901	1.899	6.9	16.3
5 21	14 50.49	− 1 40.1	0.942	1.913	12.3	16.6
5 31	14 45.67	+ 1 14.8	1.006	1.928	17.5	17.0
6 10	14 43.67	+ 3 15.9	1.088	1.944	21.7	17.3

377863 2006 BC_{251} 5 7.8 159.°23 3.°4/ 5.3 17

4 1	15 25.00	− 9 40.6	2.067	2.898	13.0	21.6
4 11	15 20.34	− 8 53.4	1.991	2.902	10.0	21.5
4 21	15 13.71	− 8 3.3	1.939	2.906	6.6	21.3
5 1	15 5.73	− 7 14.4	1.914	2.909	3.8	21.1
5 11	14 57.23	− 6 31.2	1.916	2.912	4.1	21.1
5 21	14 49.10	− 5 57.9	1.946	2.915	7.1	21.3
5 31	14 42.13	− 5 37.4	2.002	2.917	10.4	21.5
6 10	14 36.93	− 5 31.3	2.080	2.919	13.3	21.7

112216 2002 JH_{141} 5 7.8 345.°94 2.°5/ 9.1 17

4 1	15 25.35	−23 26.7	1.339	2.174	18.5	20.1
4 11	15 22.03	−23 33.3	1.261	2.170	14.7	19.8
4 21	15 15.55	−23 24.3	1.203	2.167	10.1	19.5
5 1	15 6.69	−22 59.2	1.166	2.164	5.2	19.2
5 11	14 56.76	−22 20.7	1.154	2.161	2.7	19.1
5 21	14 47.26	−21 34.0	1.166	2.160	7.0	19.3
5 31	14 39.62	−20 46.7	1.202	2.158	12.0	19.6
6 10	14 34.80	−20 6.3	1.258	2.157	16.4	19.8

297840 2002 BE_{19} 5 7.8 117.°32 3.°2/ 9.5 18

4 1	15 32.95	−24 54.4	1.653	2.457	16.9	20.7
4 11	15 27.16	−25 18.9	1.583	2.472	13.4	20.5
4 21	15 18.49	−25 30.0	1.533	2.486	9.4	20.3
5 1	15 7.78	−25 26.1	1.508	2.499	5.2	20.1
5 11	14 56.29	−25 8.1	1.509	2.513	3.3	20.0
5 21	14 45.37	−24 39.8	1.537	2.525	6.3	20.2
5 31	14 36.24	−24 6.8	1.591	2.537	10.4	20.5
6 10	14 29.73	−23 35.6	1.667	2.549	14.0	20.7

98348 2000 SM_{307} 5 7.8 116.°58 3.°9/10.4 18

4 1	15 29.61	−28 52.4	1.635	2.434	17.3	19.8
4 11	15 24.68	−28 50.6	1.562	2.445	14.0	19.6
4 21	15 16.89	−28 29.9	1.508	2.455	10.0	19.4
5 1	15 7.12	−27 49.4	1.478	2.466	6.0	19.2
5 11	14 56.61	−26 51.6	1.474	2.476	3.9	19.1
5 21	14 46.71	−25 42.2	1.497	2.485	6.4	19.2
5 31	14 38.61	−24 29.0	1.545	2.495	10.3	19.5
6 10	14 33.07	−23 20.3	1.615	2.504	14.0	19.7

506888 2008 AH_{128} 5 7.8 161.°63 1.°4/ 6.7 17

4 1	15 23.75	−13 44.1	2.503	3.324	11.3	21.8
4 11	15 19.11	−13 20.5	2.421	3.327	8.7	21.6
4 21	15 12.79	−12 52.5	2.363	3.330	5.6	21.4
5 1	15 5.33	−12 22.6	2.332	3.333	2.5	21.2
5 11	14 57.43	−11 53.5	2.331	3.335	2.1	21.2
5 21	14 49.80	−11 28.2	2.358	3.338	5.2	21.4
5 31	14 43.12	−11 9.4	2.412	3.340	8.3	21.6
6 10	14 37.94	−10 59.2	2.490	3.342	11.0	21.8

431819 2008 RW_{95} 5 7.9 228.°68 2.°1/ 6.2 18

4 1	15 24.81	−13 31.8	2.208	3.033	12.5	21.8
4 11	15 20.24	−12 49.5	2.115	3.024	9.6	21.6
4 21	15 13.70	−12 1.0	2.045	3.013	6.3	21.3
5 1	15 5.77	−11 9.4	2.003	3.002	2.9	21.1
5 11	14 57.22	−10 19.0	1.988	2.991	2.8	21.1
5 21	14 48.91	− 9 33.9	2.002	2.980	6.2	21.3
5 31	14 41.65	− 8 58.3	2.043	2.967	9.7	21.4
6 10	14 36.08	− 8 34.9	2.107	2.955	12.9	21.6

271137 2003 SS_{113} 5 7.9 342.°61 3.°6/10.3 17

4 1	15 20.00	−27 59.8	1.417	2.244	18.1	19.5
4 11	15 17.86	−27 48.1	1.332	2.233	14.6	19.3
4 21	15 12.80	−27 14.7	1.265	2.222	10.5	19.0
5 1	15 5.55	−26 19.2	1.221	2.213	6.1	18.7
5 11	14 57.31	−25 4.7	1.200	2.205	3.7	18.6
5 21	14 49.46	−23 38.2	1.204	2.197	6.8	18.7
5 31	14 43.30	−22 9.3	1.231	2.191	11.4	19.0
6 10	14 39.73	−20 47.5	1.279	2.186	15.7	19.2

353707 2011 UR_{407} 5 7.9 237.°06 4.°3/11.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.24	−31 27.8	2.425	3.194	13.2	21.2
4 11	15 20.67	−31 44.5	2.331	3.190	10.8	21.0
4 21	15 14.05	−31 47.4	2.258	3.187	8.2	20.9
5 1	15 5.93	−31 35.1	2.210	3.183	5.6	20.7
5 11	14 57.17	−31 7.9	2.189	3.179	4.3	20.6
5 21	14 48.65	−30 28.4	2.196	3.176	5.5	20.7
5 31	14 41.25	−29 40.8	2.230	3.172	8.1	20.8
6 10	14 35.65	−28 50.6	2.288	3.168	10.8	21.0

66871 1999 VN_{48} 5 7.9 256.°42 0.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.92	−22 21.4	2.193	3.001	13.2	20.2
4 11	15 20.52	−21 49.5	2.087	2.983	10.3	19.9
4 21	15 14.01	−21 5.0	2.004	2.965	6.9	19.7
5 1	15 5.94	−20 9.0	1.947	2.946	3.1	19.4
5 11	14 57.15	−19 4.8	1.918	2.926	1.3	19.2
5 21	14 48.55	−17 57.0	1.917	2.906	5.2	19.5
5 31	14 41.05	−16 51.3	1.944	2.886	9.1	19.7
6 10	14 35.35	−15 53.1	1.995	2.866	12.6	19.8

3232 Brest 5 7.9 281.°63 2.°8/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.51	−12 3.4	2.182	3.015	12.3	16.5
4 11	15 17.70	−11 7.8	2.094	3.007	9.4	16.3
4 21	15 12.04	−10 6.7	2.030	2.999	6.2	16.1
5 1	15 5.08	− 9 3.9	1.993	2.991	3.3	15.9
5 11	14 57.57	− 8 4.3	1.983	2.982	3.5	15.9
5 21	14 50.32	− 7 12.5	2.002	2.974	6.6	16.1
5 31	14 44.08	− 6 32.6	2.046	2.966	9.9	16.3
6 10	14 39.47	− 6 7.0	2.113	2.957	12.9	16.4

112203 2002 JG_{122} 5 7.9 9.°75 4.°9/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.66	−28 47.4	1.378	2.194	19.1	19.5
4 11	15 23.09	−29 6.7	1.303	2.195	15.5	19.2
4 21	15 16.26	−29 6.3	1.245	2.196	11.4	19.0
5 1	15 6.99	−28 43.8	1.210	2.197	7.1	18.7
5 11	14 56.68	−28 0.3	1.198	2.198	4.9	18.6
5 21	14 46.88	−27 1.0	1.210	2.200	7.4	18.8
5 31	14 39.03	−25 54.7	1.246	2.202	11.7	19.0
6 10	14 34.10	−24 50.7	1.304	2.205	15.8	19.3

398589 2011 WR_{70} 5 7.9 254.°79 1.°6/ 9.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.54	−24 40.7	2.492	3.290	12.1	21.0
4 11	15 18.40	−24 19.9	2.394	3.282	9.5	20.8
4 21	15 12.46	−23 47.5	2.320	3.274	6.5	20.6
5 1	15 5.25	−23 4.2	2.271	3.266	3.4	20.4
5 11	14 57.50	−22 12.5	2.251	3.258	1.7	20.2
5 21	14 49.99	−21 16.0	2.260	3.250	4.5	20.4
5 31	14 43.46	−20 19.2	2.296	3.241	7.7	20.6
6 10	14 38.51	−19 26.7	2.357	3.233	10.7	20.8

312825 2011 SH_{135} 5 7.9 217.°72 2.°9/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.71	−10 45.2	2.436	3.265	11.3	21.4
4 11	15 17.62	− 9 50.4	2.351	3.262	8.7	21.2
4 21	15 11.87	− 8 51.7	2.291	3.258	5.7	21.0
5 1	15 4.99	− 7 52.7	2.258	3.254	3.2	20.9
5 11	14 57.65	− 6 57.8	2.254	3.250	3.5	20.9
5 21	14 50.57	− 6 10.9	2.278	3.246	6.2	21.0
5 31	14 44.41	− 5 35.4	2.329	3.242	9.2	21.2
6 10	14 39.72	− 5 13.1	2.403	3.237	11.9	21.4

295802 2008 UY_{291} 5 7.9 207.°78 1.°3/ 8.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.78	−20 57.8	1.730	2.543	15.9	21.8
4 11	15 26.34	−21 4.1	1.640	2.538	12.5	21.5
4 21	15 18.09	−21 0.0	1.571	2.532	8.4	21.3
5 1	15 7.72	−20 45.0	1.527	2.526	3.9	21.0
5 11	14 56.36	−20 21.0	1.510	2.518	1.8	20.8
5 21	14 45.30	−19 51.6	1.521	2.510	6.2	21.1
5 31	14 35.76	−19 21.9	1.557	2.502	10.7	21.3
6 10	14 28.67	−18 57.5	1.617	2.492	14.7	21.5

154612 2003 SO_{37} 5 7.9 298.°10 0.°2/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.41	−19 10.8	1.400	2.244	17.4	20.5
4 11	15 21.27	−18 44.7	1.308	2.225	13.6	20.2
4 21	15 15.12	−18 4.4	1.235	2.206	9.0	19.9
5 1	15 6.59	−17 11.9	1.186	2.188	3.8	19.5
5 11	14 56.88	−16 11.9	1.161	2.170	1.9	19.3
5 21	14 47.38	−15 11.2	1.161	2.152	7.5	19.6
5 31	14 39.49	−14 17.6	1.184	2.134	12.8	19.9
6 10	14 34.26	−13 37.8	1.227	2.117	17.5	20.1

264625 2001 VN_{93} 5 7.9 191.°72 5.°4/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.54	− 3 59.9	2.042	2.874	13.1	20.8
4 11	15 20.81	− 3 2.1	1.967	2.873	10.3	20.6
4 21	15 14.07	− 2 5.2	1.914	2.872	7.4	20.4
5 1	15 5.94	− 1 14.6	1.888	2.870	5.5	20.3
5 11	14 57.25	− 0 35.4	1.889	2.868	6.1	20.3
5 21	14 48.90	− 0 11.4	1.917	2.865	8.7	20.5
5 31	14 41.70	− 0 4.9	1.970	2.862	11.6	20.7
6 10	14 36.28	− 0 15.9	2.044	2.859	14.4	20.8

143348 2003 AE_{81} 5 7.9 106.°29 5.°0/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.00	−28 56.1	1.904	2.681	16.0	19.2
4 11	15 28.59	−29 52.8	1.832	2.698	13.0	19.0
4 21	15 19.40	−30 35.9	1.781	2.715	9.7	18.9
5 1	15 8.21	−31 2.1	1.755	2.732	6.5	18.7
5 11	14 56.20	−31 10.2	1.757	2.748	5.0	18.6
5 21	14 44.66	−31 2.0	1.786	2.764	6.7	18.8
5 31	14 34.78	−30 42.4	1.841	2.779	9.8	19.0
6 10	14 27.39	−30 17.6	1.921	2.794	12.8	19.2

219061 1996 TL_{53} 5 7.9 154.°81 1.°8/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.64	−23 31.0	2.312	3.106	13.0	20.8
4 11	15 23.11	−23 33.7	2.228	3.114	10.2	20.7
4 21	15 15.53	−23 26.3	2.168	3.121	7.0	20.5
5 1	15 6.54	−23 8.7	2.134	3.128	3.6	20.3
5 11	14 56.98	−22 42.6	2.128	3.135	1.9	20.2
5 21	14 47.77	−22 10.9	2.152	3.140	4.8	20.4
5 31	14 39.74	−21 37.6	2.203	3.145	8.2	20.6
6 10	14 33.53	−21 7.1	2.279	3.150	11.2	20.8

268357 2005 TD_{27} 5 7.9 142.°06 0.°7/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.74	−17 18.2	2.109	2.927	13.3	22.0
4 11	15 21.68	−16 49.7	2.033	2.937	10.2	21.8
4 21	15 14.60	−16 13.5	1.980	2.946	6.6	21.6
5 1	15 6.14	−15 31.6	1.953	2.954	2.7	21.4
5 11	14 57.17	−14 47.7	1.955	2.962	1.6	21.3
5 21	14 48.61	−14 5.8	1.985	2.970	5.5	21.6
5 31	14 41.27	−13 30.1	2.042	2.977	9.1	21.8
6 10	14 35.78	−13 3.8	2.123	2.984	12.3	22.0

75420 1999 XE_{118} 5 7.9 130.°20 0.°9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.61	−20 57.6	1.878	2.690	14.9	20.2
4 11	15 24.17	−20 49.1	1.805	2.703	11.6	20.0
4 21	15 16.35	−20 29.9	1.753	2.715	7.7	19.8
5 1	15 6.89	−20 0.9	1.728	2.727	3.4	19.6
5 11	14 56.84	−19 25.1	1.729	2.738	1.5	19.5
5 21	14 47.27	−18 46.6	1.759	2.749	5.6	19.8
5 31	14 39.17	−18 10.2	1.815	2.759	9.5	20.0
6 10	14 33.24	−17 40.4	1.895	2.768	13.0	20.3

171561 1999 TT_{169} 5 7.9 132.°01 0.°7/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.93	−21 0.9	1.839	2.653	15.1	21.2
4 11	15 23.69	−20 43.9	1.765	2.664	11.7	21.0
4 21	15 16.06	−20 15.4	1.713	2.675	7.7	20.8
5 1	15 6.77	−19 36.9	1.686	2.686	3.4	20.5
5 11	14 56.89	−18 51.8	1.687	2.696	1.4	20.4
5 21	14 47.51	−18 4.6	1.716	2.706	5.7	20.7
5 31	14 39.60	−17 20.7	1.771	2.715	9.7	20.9
6 10	14 33.88	−16 44.9	1.850	2.723	13.2	21.2

356344 2010 KN_{125} 5 7.9 281.°84 9.°7/27.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.22	+11 30.6	2.353	3.161	12.4	20.6
4 11	15 17.37	+13 5.0	2.283	3.147	10.9	20.5
4 21	15 11.79	+14 29.3	2.236	3.132	9.9	20.4
5 1	15 5.00	+15 36.7	2.214	3.117	9.8	20.3
5 11	14 57.70	+16 21.8	2.216	3.102	10.6	20.4
5 21	14 50.61	+16 41.4	2.241	3.087	12.1	20.4
5 31	14 44.46	+16 34.8	2.287	3.072	13.9	20.5
6 10	14 39.80	+16 4.1	2.351	3.058	15.6	20.6

92763 2000 QV_{123} 5 7.9 222.°43 3.°7/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.02	−10 13.3	2.117	2.949	12.7	20.1
4 11	15 19.66	− 9 0.1	2.030	2.941	9.8	19.9
4 21	15 13.36	− 7 41.4	1.967	2.934	6.6	19.7
5 1	15 5.67	− 6 22.3	1.932	2.925	4.0	19.5
5 11	14 57.42	− 5 8.6	1.924	2.917	4.5	19.5
5 21	14 49.44	− 4 5.7	1.945	2.908	7.5	19.7
5 31	14 42.56	− 3 18.1	1.992	2.898	10.8	19.9
6 10	14 37.38	− 2 47.9	2.060	2.889	13.8	20.1

434886 2006 SS_{378} 5 7.9 242.°22 5.°4/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.96	− 2 1.6	2.274	3.105	12.0	21.5
4 11	15 18.66	− 1 13.5	2.198	3.102	9.5	21.3
4 21	15 12.60	− 0 28.2	2.146	3.099	7.0	21.1
5 1	15 5.33	+ 0 9.8	2.119	3.097	5.5	21.0
5 11	14 57.58	+ 0 36.2	2.121	3.094	6.0	21.1
5 21	14 50.10	+ 0 48.1	2.148	3.091	8.2	21.2
5 31	14 43.62	+ 0 44.0	2.201	3.088	10.8	21.3
6 10	14 38.69	+ 0 24.0	2.276	3.085	13.3	21.5

304063 2006 FY_{16} 5 7.9 43.°26 3.°1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.41	−14 44.8	1.213	2.072	18.5	20.2
4 11	15 21.08	−13 41.0	1.156	2.082	14.1	19.9
4 21	15 14.72	−12 26.4	1.118	2.093	9.1	19.7
5 1	15 6.29	−11 7.6	1.102	2.104	4.2	19.4
5 11	14 57.17	− 9 53.1	1.111	2.115	4.2	19.4
5 21	14 48.74	− 8 51.1	1.144	2.127	8.9	19.7
5 31	14 42.24	− 8 8.1	1.200	2.139	13.6	20.0
6 10	14 38.43	− 7 46.8	1.274	2.152	17.7	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
286395	2001 YA_{43}		5	7.9	256.°72	1.°9/ 6.7 18
	h m	° ′			°	m
4 1	15 27.68	−12 50.5	2.024	2.849	13.5	21.3
4 11	15 22.79	−12 33.3	1.922	2.830	10.4	21.0
4 21	15 15.61	−12 11.5	1.843	2.810	6.9	20.8
5 1	15 6.70	−11 47.5	1.790	2.790	3.1	20.5
5 11	14 56.92	−11 24.6	1.765	2.769	2.7	20.4
5 21	14 47.26	−11 6.1	1.768	2.748	6.5	20.6
5 31	14 38.72	−10 55.6	1.797	2.727	10.5	20.8
6 10	14 32.08	−10 55.6	1.849	2.704	14.0	21.0
296429	2009 HB_{41}		5	7.9	289.°54	0.°3/ 7.7 17
4 1	15 27.15	−17 22.4	1.517	2.353	16.6	21.1
4 11	15 23.33	−17 16.9	1.415	2.328	13.0	20.8
4 21	15 16.49	−17 2.2	1.334	2.303	8.7	20.4
5 1	15 7.23	−16 39.2	1.276	2.278	3.6	20.1
5 11	14 56.64	−16 11.1	1.244	2.252	1.8	19.9
5 21	14 46.08	−15 42.2	1.237	2.227	7.3	20.1
5 31	14 36.96	−15 18.2	1.254	2.201	12.5	20.3
6 10	14 30.41	−15 4.3	1.292	2.176	17.2	20.6
297019	2010 GN_{23}		5	7.9	299.°43	7.°1/26.3 18
4 1	15 18.09	+21 7.1	4.310	5.055	8.2	20.4
4 11	15 14.19	+21 48.9	4.256	5.052	7.5	20.3
4 21	15 9.35	+22 20.4	4.225	5.049	7.1	20.3
5 1	15 3.91	+22 38.7	4.217	5.045	7.1	20.3
5 11	14 58.25	+22 42.0	4.233	5.042	7.5	20.3
5 21	14 52.77	+22 29.5	4.272	5.039	8.2	20.3
5 31	14 47.82	+22 1.6	4.333	5.035	9.0	20.4
6 10	14 43.73	+21 19.5	4.412	5.032	9.8	20.5
343389	2010 CZ_{152}		5	7.9	323.°50	0.°3/ 7.7 17
4 1	15 24.75	−17 49.7	1.894	2.721	14.2	21.5
4 11	15 20.54	−17 34.1	1.812	2.720	11.0	21.2
4 21	15 14.08	−17 10.1	1.751	2.718	7.2	21.0
5 1	15 6.02	−16 39.5	1.716	2.717	2.9	20.7
5 11	14 57.28	−16 5.5	1.707	2.716	1.5	20.6
5 21	14 48.86	−15 32.1	1.726	2.715	5.8	20.9
5 31	14 41.73	−15 3.7	1.771	2.714	9.8	21.1
6 10	14 36.57	−14 43.9	1.839	2.713	13.3	21.4
43622	2002 CW_{128}		5	7.9	220.°96	3.°4/ 4.8 18
4 1	15 21.65	− 8 22.2	2.510	3.340	11.0	19.9
4 11	15 17.54	− 7 32.9	2.427	3.336	8.5	19.7
4 21	15 11.82	− 6 41.8	2.368	3.332	5.8	19.5
5 1	15 5.01	− 5 52.3	2.336	3.328	3.6	19.4
5 11	14 57.75	− 5 8.5	2.333	3.324	4.0	19.4
5 21	14 50.73	− 4 33.8	2.358	3.320	6.4	19.6
5 31	14 44.61	− 4 10.9	2.409	3.315	9.2	19.7
6 10	14 39.88	− 4 1.0	2.483	3.311	11.8	19.9
237456	1999 VS_{119}		5	7.9	289.°42	2.°0/ 9.1 17
4 1	15 26.41	−22 42.4	1.877	2.690	14.9	20.8
4 11	15 22.04	−22 54.9	1.787	2.684	11.7	20.6
4 21	15 15.20	−22 56.7	1.719	2.677	8.1	20.4
5 1	15 6.54	−22 47.5	1.675	2.671	4.1	20.1
5 11	14 57.04	−22 28.6	1.658	2.665	2.2	20.0
5 21	14 47.79	−22 3.1	1.668	2.659	5.7	20.2
5 31	14 39.87	−21 35.5	1.705	2.653	9.7	20.4
6 10	14 34.09	−21 10.8	1.764	2.647	13.3	20.6
342795	2008 WJ_{134}		5	7.9	23.°62	3.°5/ 5.6 18
4 1	15 23.83	− 9 34.4	1.827	2.668	14.1	20.3
4 11	15 19.76	− 8 56.2	1.754	2.670	10.8	20.1
4 21	15 13.52	− 8 15.5	1.703	2.672	7.2	19.9
5 1	15 5.77	− 7 36.5	1.678	2.674	4.1	19.7
5 11	14 57.43	− 7 3.8	1.679	2.677	4.3	19.7
5 21	14 49.46	− 6 41.4	1.707	2.680	7.5	19.9
5 31	14 42.77	− 6 32.2	1.759	2.682	11.1	20.2
6 10	14 38.00	− 6 37.7	1.834	2.685	14.3	20.4
429815	2012 KM_{15}		5	7.9	292.°66	3.°3/ 5.8 17
4 1	15 24.45	−11 39.1	1.679	2.522	15.0	21.0
4 11	15 20.79	−10 55.0	1.578	2.496	11.7	20.7
4 21	15 14.57	−10 4.1	1.499	2.470	7.8	20.4
5 1	15 6.35	− 9 10.5	1.445	2.444	4.1	20.1
5 11	14 57.10	− 8 19.8	1.417	2.418	4.3	20.1
5 21	14 47.96	− 7 38.0	1.415	2.391	8.3	20.2
5 31	14 40.06	− 7 10.3	1.437	2.365	12.7	20.4
6 10	14 34.34	− 7 0.0	1.479	2.339	16.7	20.6
52176	2233 T_{-2}		5	7.9	256.°59	1.°3/ 6.9 18
4 1	15 23.98	−15 11.6	2.143	2.969	12.8	19.7
4 11	15 19.73	−14 45.2	2.051	2.960	9.8	19.5
4 21	15 13.46	−14 12.4	1.983	2.951	6.4	19.2
5 1	15 5.76	−13 35.6	1.941	2.942	2.7	19.0
5 11	14 57.42	−12 58.2	1.927	2.933	2.1	18.9
5 21	14 49.32	−12 24.0	1.941	2.924	5.8	19.1
5 31	14 42.30	−11 56.7	1.981	2.915	9.4	19.3
6 10	14 37.00	−11 39.4	2.044	2.905	12.7	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
286228	2001 UH_{142}		5	7.9	146.°53	1.°5/ 6.5 18
	h m	° ′			°	m
4 1	15 23.20	−13 57.5	2.677	3.495	10.8	21.5
4 11	15 18.57	−13 22.5	2.598	3.503	8.2	21.4
4 21	15 12.42	−12 43.0	2.544	3.510	5.3	21.2
5 1	15 5.24	−12 1.4	2.518	3.518	2.4	21.0
5 11	14 57.69	−11 20.9	2.521	3.525	2.1	21.0
5 21	14 50.43	−10 44.5	2.553	3.531	5.0	21.2
5 31	14 44.07	−10 15.2	2.613	3.537	7.8	21.4
6 10	14 39.09	− 9 55.0	2.697	3.543	10.4	21.6
116487	2004 BC_{12}		5	7.9	163.°51	0.°9/ 7.2 18
4 1	15 24.80	−15 47.0	2.301	3.121	12.2	20.8
4 11	15 20.12	−15 28.2	2.218	3.123	9.4	20.6
4 21	15 13.59	−15 3.5	2.159	3.126	6.1	20.4
5 1	15 5.77	−14 35.1	2.126	3.128	2.5	20.2
5 11	14 57.44	−14 5.6	2.122	3.130	1.7	20.1
5 21	14 49.41	−13 38.3	2.147	3.131	5.2	20.4
5 31	14 42.42	−13 16.4	2.198	3.133	8.6	20.6
6 10	14 37.09	−13 2.6	2.274	3.134	11.6	20.8
435194	2007 RU_{99}		5	7.9	259.°21	0.°9/ 7.2 17
4 1	15 23.81	−17 40.1	2.180	3.001	12.8	21.2
4 11	15 19.63	−16 57.8	2.079	2.985	9.9	21.0
4 21	15 13.43	−16 5.7	2.001	2.969	6.4	20.8
5 1	15 5.76	−15 6.4	1.951	2.952	2.6	20.5
5 11	14 57.43	−14 3.9	1.928	2.935	1.8	20.4
5 21	14 49.29	−13 3.1	1.934	2.918	5.7	20.6
5 31	14 42.21	−12 9.0	1.966	2.901	9.4	20.8
6 10	14 36.85	−11 25.8	2.022	2.883	12.8	21.0
510013	2009 YZ_1		5	7.9	217.°98	9.°7/27.8 18
4 1	15 28.85	+17 38.7	2.785	3.545	11.8	23.0
4 11	15 22.89	+18 46.1	2.714	3.533	10.7	22.9
4 21	15 15.24	+19 40.5	2.666	3.520	9.9	22.8
5 1	15 6.43	+20 16.3	2.642	3.506	9.8	22.8
5 11	14 57.15	+20 29.3	2.644	3.491	10.4	22.8
5 21	14 48.11	+20 17.9	2.669	3.475	11.5	22.8
5 31	14 40.01	+19 42.6	2.716	3.458	13.0	22.9
6 10	14 33.38	+18 45.9	2.783	3.440	14.4	23.0
137139	1999 CM_{98}		5	7.9	120.°83	2.°0/ 9.4 18
4 1	15 30.11	−24 40.7	2.181	2.972	13.8	20.8
4 11	15 24.23	−24 36.1	2.110	2.993	10.8	20.7
4 21	15 16.24	−24 19.6	2.061	3.013	7.4	20.5
5 1	15 6.84	−23 51.5	2.038	3.032	3.9	20.3
5 11	14 56.98	−23 14.0	2.044	3.050	2.1	20.2
5 21	14 47.62	−22 30.7	2.079	3.068	4.9	20.4
5 31	14 39.60	−21 46.5	2.142	3.085	8.3	20.7
6 10	14 33.55	−21 6.1	2.229	3.101	11.4	20.9
39712	Ehimedaigaku		5	7.9	213.°64	0.°2/ 7.7 17
4 1	15 29.43	−17 37.8	1.927	2.745	14.4	19.6
4 11	15 24.20	−17 25.9	1.835	2.738	11.1	19.4
4 21	15 16.54	−17 5.8	1.765	2.730	7.3	19.1
5 1	15 7.09	−16 38.8	1.721	2.722	3.0	18.9
5 11	14 56.82	−16 7.8	1.705	2.713	1.5	18.7
5 21	14 46.82	−15 36.6	1.716	2.703	6.0	19.0
5 31	14 38.11	−15 9.6	1.755	2.693	10.1	19.2
6 10	14 31.50	−14 50.7	1.816	2.682	13.8	19.4
122599	2000 RS_{37}		5	7.9	171.°89	4.°2/11.1 18
4 1	15 30.45	−31 14.7	2.592	3.347	12.7	20.8
4 11	15 24.53	−31 40.7	2.500	3.352	10.5	20.7
4 21	15 16.52	−31 54.1	2.430	3.355	7.9	20.5
5 1	15 7.02	−31 53.0	2.387	3.358	5.5	20.4
5 11	14 56.87	−31 37.3	2.372	3.360	4.2	20.3
5 21	14 46.99	−31 9.1	2.385	3.361	5.4	20.4
5 31	14 38.25	−30 32.3	2.426	3.362	7.8	20.5
6 10	14 31.31	−29 51.7	2.493	3.362	10.4	20.7
350701	2001 WU_{36}		5	7.9	181.°32	0.°3/ 7.6 17
4 1	15 22.82	−19 3.5	2.529	3.341	11.5	21.0
4 11	15 18.47	−18 23.8	2.441	3.341	8.8	20.9
4 21	15 12.45	−17 35.6	2.377	3.341	5.7	20.7
5 1	15 5.29	−16 40.9	2.340	3.341	2.3	20.4
5 11	14 57.68	−15 43.2	2.333	3.341	1.2	20.3
5 21	14 50.36	−14 46.4	2.355	3.341	4.7	20.6
5 31	14 44.00	−13 54.6	2.404	3.340	7.9	20.8
6 10	14 39.12	−13 11.4	2.478	3.339	10.8	21.0
219599	2001 TL_{55}		5	7.9	163.°06	2.°0/ 6.4 17
4 1	15 25.89	−14 11.7	2.027	2.854	13.4	21.4
4 11	15 21.14	−13 26.7	1.949	2.858	10.2	21.2
4 21	15 14.33	−12 35.1	1.893	2.862	6.6	21.0
5 1	15 6.10	−11 40.3	1.865	2.865	3.0	20.7
5 11	14 57.32	−10 46.9	1.864	2.868	2.8	20.7
5 21	14 48.92	− 9 59.5	1.891	2.870	6.3	21.0
5 31	14 41.75	− 9 22.3	1.945	2.872	10.0	21.2
6 10	14 36.42	− 8 58.1	2.022	2.874	13.2	21.4

242761 2005 WX_{114} 5 7.9 38.°25 4.°2/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.11	− 7 48.6	1.526	2.373	16.0	20.4
4 11	15 21.80	− 7 25.1	1.465	2.384	12.3	20.2
4 21	15 14.97	− 7 1.7	1.425	2.394	8.3	19.9
5 1	15 6.39	− 6 43.0	1.410	2.405	4.8	19.8
5 11	14 57.20	− 6 33.1	1.420	2.417	4.9	19.8
5 21	14 48.56	− 6 35.4	1.455	2.429	8.4	20.0
5 31	14 41.49	− 6 51.6	1.514	2.442	12.2	20.3
6 10	14 36.70	− 7 21.9	1.594	2.455	15.7	20.5

152574 1994 CR_9 5 7.9 86.°64 7.°3/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.57	−35 49.2	1.840	2.599	17.1	20.1
4 11	15 26.29	−36 39.5	1.768	2.612	14.4	19.9
4 21	15 18.08	−37 10.6	1.715	2.626	11.5	19.8
5 1	15 7.75	−37 18.4	1.684	2.639	8.8	19.6
5 11	14 56.57	−37 1.9	1.679	2.652	7.3	19.6
5 21	14 45.89	−36 23.6	1.699	2.666	8.1	19.6
5 31	14 36.99	−35 30.0	1.744	2.679	10.4	19.8
6 10	14 30.72	−34 29.4	1.812	2.692	13.2	20.0

38974 2000 TK_{62} 5 7.9 340.°90 2.°0/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.46	−22 33.0	1.301	2.140	18.7	19.2
4 11	15 22.24	−22 35.7	1.224	2.135	14.8	18.9
4 21	15 15.80	−22 23.1	1.165	2.131	10.1	18.6
5 1	15 6.92	−21 55.2	1.129	2.127	4.9	18.3
5 11	14 56.94	−21 14.8	1.116	2.124	2.3	18.1
5 21	14 47.38	−20 27.6	1.128	2.121	7.1	18.4
5 31	14 39.70	−19 41.3	1.162	2.119	12.3	18.7
6 10	14 34.89	−19 3.2	1.217	2.117	16.8	19.0

298842 2004 RL_{189} 5 7.9 99.°33 5.°4/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.49	−11 11.3	1.524	2.368	16.2	19.9
4 11	15 22.66	− 8 58.6	1.469	2.387	12.4	19.7
4 21	15 15.37	− 6 38.1	1.437	2.405	8.3	19.5
5 1	15 6.50	− 4 19.8	1.432	2.423	5.6	19.4
5 11	14 57.21	− 2 14.8	1.455	2.441	6.6	19.5
5 21	14 48.63	− 0 32.0	1.504	2.459	10.0	19.7
5 31	14 41.72	+ 0 43.2	1.577	2.476	13.7	19.9
6 10	14 37.09	+ 1 29.7	1.671	2.492	16.8	20.2

433207 2012 UJ_{91} 5 7.9 261.°44 1.°2/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.63	−20 38.9	1.979	2.794	14.1	21.1
4 11	15 22.01	−20 47.9	1.892	2.791	11.0	20.9
4 21	15 15.09	−20 48.0	1.827	2.788	7.4	20.7
5 1	15 6.49	−20 39.5	1.787	2.786	3.5	20.4
5 11	14 57.15	−20 24.0	1.775	2.783	1.6	20.3
5 21	14 48.08	−20 4.4	1.790	2.780	5.4	20.5
5 31	14 40.27	−19 44.6	1.831	2.777	9.3	20.8
6 10	14 34.46	−19 28.7	1.896	2.775	12.8	21.0

84025 2002 PN_{42} 5 7.9 221.°49 0.°1/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.81	−17 30.6	2.494	3.305	11.7	20.1
4 11	15 20.88	−17 23.6	2.397	3.297	9.0	19.9
4 21	15 14.12	−17 10.5	2.324	3.288	5.9	19.7
5 1	15 6.04	−16 52.3	2.278	3.279	2.5	19.4
5 11	14 57.37	−16 31.2	2.261	3.270	1.2	19.3
5 21	14 48.88	−16 9.7	2.273	3.260	4.8	19.6
5 31	14 41.34	−15 50.9	2.313	3.250	8.1	19.7
6 10	14 35.36	−15 37.5	2.378	3.239	11.1	19.9

135038 2001 NS_{20} 5 7.9 184.°81 3.°8/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.41	−31 18.5	2.734	3.493	12.1	20.3
4 11	15 21.33	−31 28.8	2.639	3.493	9.9	20.2
4 21	15 14.39	−31 26.4	2.566	3.493	7.4	20.0
5 1	15 6.14	−31 10.1	2.519	3.492	5.0	19.8
5 11	14 57.33	−30 40.7	2.500	3.491	3.8	19.8
5 21	14 48.78	−30 0.5	2.510	3.489	4.9	19.8
5 31	14 41.24	−29 13.3	2.547	3.487	7.3	20.0
6 10	14 35.32	−28 24.0	2.611	3.485	9.8	20.1

42924 Betlem 5 7.9 273.°47 1.°0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.62	−17 9.8	1.674	2.506	15.5	20.2
4 11	15 22.56	−16 38.6	1.572	2.483	12.1	19.9
4 21	15 15.79	−15 56.5	1.491	2.460	8.0	19.6
5 1	15 6.90	−15 5.5	1.435	2.437	3.3	19.2
5 11	14 56.94	−14 10.1	1.406	2.413	2.2	19.1
5 21	14 47.09	−13 16.1	1.402	2.389	7.1	19.3
5 31	14 38.59	−12 29.9	1.424	2.364	11.9	19.6
6 10	14 32.38	−11 56.7	1.468	2.340	16.1	19.8

54197 2000 HM_{78} 5 7.9 111.°76 3.°2/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.30	−26 8.9	1.474	2.287	18.2	18.9
4 11	15 25.50	−26 10.4	1.403	2.297	14.5	18.7
4 21	15 17.63	−25 54.3	1.352	2.307	10.2	18.4
5 1	15 7.58	−25 20.1	1.324	2.317	5.6	18.2
5 11	14 56.70	−24 30.2	1.321	2.326	3.3	18.1
5 21	14 46.44	−23 30.5	1.344	2.335	6.7	18.3
5 31	14 38.10	−22 29.0	1.392	2.344	11.1	18.6
6 10	14 32.53	−21 33.5	1.462	2.352	15.1	18.8

229900 Emmagreaves 5 7.9 235.°14 3.°8/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.73	− 8 38.2	2.048	2.879	13.1	20.9
4 11	15 21.12	− 7 53.8	1.958	2.869	10.1	20.7
4 21	15 14.41	− 7 6.7	1.893	2.858	6.9	20.5
5 1	15 6.19	− 6 21.1	1.853	2.847	4.2	20.3
5 11	14 57.31	− 5 41.7	1.841	2.835	4.5	20.3
5 21	14 48.65	− 5 12.6	1.857	2.823	7.5	20.4
5 31	14 41.12	− 4 57.0	1.898	2.811	11.0	20.6
6 10	14 35.39	− 4 56.5	1.961	2.798	14.1	20.8

34847 2001 SJ_{286} 5 7.9 86.°24 2.°1/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.35	−11 5.4	1.736	2.564	15.2	18.5
4 11	15 25.56	−11 13.7	1.670	2.579	11.7	18.3
4 21	15 17.32	−11 20.6	1.627	2.594	7.6	18.1
5 1	15 7.37	−11 27.8	1.609	2.609	3.5	17.8
5 11	14 56.82	−11 37.7	1.619	2.624	2.8	17.8
5 21	14 46.78	−11 52.0	1.656	2.638	6.7	18.1
5 31	14 38.29	−12 12.6	1.719	2.653	10.6	18.4
6 10	14 32.05	−12 40.8	1.805	2.667	14.1	18.6

34345 2000 RY 5 7.9 241.°39 1.°3/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.77	−22 2.0	2.078	2.886	13.8	19.6
4 11	15 22.11	−21 54.8	1.979	2.875	10.8	19.4
4 21	15 15.17	−21 36.8	1.903	2.863	7.3	19.1
5 1	15 6.56	−21 8.5	1.852	2.850	3.5	18.8
5 11	14 57.15	−20 31.9	1.829	2.837	1.6	18.7
5 21	14 47.96	−19 50.7	1.834	2.824	5.3	18.9
5 31	14 39.95	−19 9.6	1.866	2.810	9.2	19.1
6 10	14 33.87	−18 33.6	1.921	2.796	12.8	19.3

256878 2008 DC_{31} 5 7.9 113.°63 1.°7/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.50	−15 7.7	1.680	2.513	15.4	21.3
4 11	15 22.75	−14 33.4	1.610	2.523	11.8	21.1
4 21	15 15.54	−13 51.5	1.563	2.532	7.6	20.8
5 1	15 6.65	−13 5.3	1.541	2.542	3.3	20.6
5 11	14 57.15	−12 19.7	1.545	2.551	2.6	20.6
5 21	14 48.16	−11 39.6	1.576	2.560	6.8	20.8
5 31	14 40.69	−11 9.7	1.633	2.569	10.9	21.1
6 10	14 35.43	−10 53.0	1.712	2.577	14.5	21.3

466097 2012 CC_3 5 7.9 149.°11 1.°7/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.24	−14 15.8	1.952	2.774	14.0	22.4
4 11	15 23.75	−13 45.4	1.878	2.784	10.7	22.2
4 21	15 16.05	−13 9.0	1.827	2.794	6.9	22.0
5 1	15 6.84	−12 29.5	1.802	2.802	3.0	21.7
5 11	14 57.08	−11 50.8	1.805	2.810	2.5	21.7
5 21	14 47.75	−11 17.0	1.837	2.818	6.3	22.0
5 31	14 39.78	−10 52.0	1.895	2.824	10.1	22.2
6 10	14 33.80	−10 38.3	1.976	2.830	13.3	22.4

299551 2006 DH_{127} 5 7.9 329.°75 0.°4/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 16.27	−16 29.9	4.093	4.904	7.5	20.8
4 11	15 12.93	−16 10.2	4.000	4.901	5.7	20.6
4 21	15 8.64	−15 46.9	3.932	4.898	3.7	20.5
5 1	15 3.69	−15 21.1	3.893	4.894	1.5	20.3
5 11	14 58.49	−14 54.6	3.884	4.891	0.9	20.2
5 21	14 53.42	−14 29.0	3.904	4.888	3.1	20.4
5 31	14 48.86	−14 6.1	3.952	4.885	5.2	20.6
6 10	14 45.14	−13 47.5	4.027	4.883	7.1	20.7

100887 1998 HB_{116} 5 7.9 338.°05 3.°9/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.95	− 7 4.2	1.775	2.618	14.3	18.7
4 11	15 20.09	− 6 52.9	1.691	2.607	11.1	18.5
4 21	15 13.92	− 6 42.6	1.629	2.596	7.6	18.3
5 1	15 6.05	− 6 37.1	1.591	2.586	4.5	18.1
5 11	14 57.41	− 6 39.7	1.580	2.577	4.6	18.0
5 21	14 49.01	− 6 53.1	1.595	2.568	7.8	18.2
5 31	14 41.85	− 7 18.9	1.634	2.560	11.5	18.4
6 10	14 36.68	− 7 57.5	1.695	2.553	15.0	18.6

91079 1998 FB_{107} 5 7.9 129.°97 1.°7/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.11	−16 31.7	2.060	2.884	13.3	19.7
4 11	15 20.46	−15 24.5	1.986	2.894	10.1	19.6
4 21	15 13.84	−14 8.0	1.936	2.904	6.5	19.3
5 1	15 5.90	−12 46.4	1.913	2.914	2.8	19.1
5 11	14 57.54	−11 25.2	1.919	2.923	2.5	19.1
5 21	14 49.60	−10 10.3	1.953	2.932	6.1	19.4
5 31	14 42.90	− 9 6.8	2.013	2.940	9.7	19.6
6 10	14 38.00	− 8 18.2	2.098	2.948	12.8	19.8

431936 2008 TR_{161} 5 7.9 259.°98 1.°6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.36	−13 51.9	1.977	2.807	13.6	21.0
4 11	15 20.97	−13 32.0	1.888	2.799	10.5	20.8
4 21	15 14.39	−13 6.7	1.822	2.791	6.8	20.5
5 1	15 6.23	−12 38.6	1.782	2.783	3.0	20.3
5 11	14 57.35	−12 11.1	1.769	2.775	2.4	20.2
5 21	14 48.73	−11 47.8	1.784	2.766	6.2	20.4
5 31	14 41.29	−11 32.3	1.824	2.758	10.1	20.7
6 10	14 35.73	−11 27.2	1.888	2.750	13.5	20.9

497494 2006 AP_{58} 5 7.9 219.°92 1.°5/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.77	−23 34.2	2.452	3.244	12.4	23.0
4 11	15 22.52	−23 25.2	2.348	3.233	9.8	22.8
4 21	15 15.28	−23 5.7	2.267	3.221	6.7	22.6
5 1	15 6.57	−22 35.8	2.214	3.209	3.4	22.4
5 11	14 57.20	−21 57.3	2.189	3.196	1.7	22.2
5 21	14 48.01	−21 13.4	2.193	3.182	4.7	22.4
5 31	14 39.86	−20 28.3	2.225	3.167	8.1	22.6
6 10	14 33.41	−19 46.5	2.283	3.151	11.3	22.8

478151 2011 UW_{156} 5 7.9 233.°02 2.°2/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.41	−25 30.5	2.823	3.605	11.2	22.2
4 11	15 20.52	−25 36.5	2.716	3.593	8.9	22.0
4 21	15 13.88	−25 33.1	2.633	3.580	6.3	21.9
5 1	15 5.98	−25 20.0	2.577	3.567	3.6	21.7
5 11	14 57.48	−24 58.1	2.550	3.553	2.2	21.5
5 21	14 49.12	−24 29.5	2.552	3.539	4.3	21.7
5 31	14 41.63	−23 57.5	2.583	3.525	7.1	21.8
6 10	14 35.59	−23 25.6	2.639	3.510	9.8	22.0

521208 2015 FE_{414} 5 7.9 323.°92 3.°7/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.15	−10 26.4	1.939	2.781	13.3	21.3
4 11	15 17.68	− 9 21.7	1.858	2.775	10.2	21.1
4 21	15 12.20	− 8 11.9	1.799	2.768	6.8	20.9
5 1	15 5.30	− 7 1.9	1.766	2.762	4.1	20.7
5 11	14 57.81	− 5 57.6	1.760	2.755	4.5	20.7
5 21	14 50.61	− 5 4.5	1.781	2.750	7.7	20.9
5 31	14 44.54	− 4 26.6	1.827	2.744	11.1	21.1
6 10	14 40.24	− 4 6.1	1.895	2.739	14.2	21.3

135617 2002 JG_{43} 5 7.9 1.°75 4.°9/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.61	−26 19.6	1.124	1.968	20.8	19.2
4 11	15 21.37	−26 57.8	1.056	1.965	16.8	19.0
4 21	15 15.53	−27 17.7	1.004	1.964	12.1	18.7
5 1	15 6.92	−27 16.3	0.972	1.964	7.4	18.4
5 11	14 57.05	−26 53.9	0.963	1.966	5.0	18.3
5 21	14 47.69	−26 15.5	0.975	1.968	8.1	18.5
5 31	14 40.50	−25 29.3	1.009	1.972	12.9	18.8
6 10	14 36.56	−24 45.0	1.062	1.977	17.5	19.0

182916 2002 EK_{117} 5 7.9 208.°47 0.°7/ 7.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.26	−15 52.8	2.669	3.484	10.9	21.7
4 11	15 18.77	−15 36.8	2.579	3.481	8.3	21.5
4 21	15 12.67	−15 15.7	2.512	3.478	5.4	21.3
5 1	15 5.45	−14 51.2	2.473	3.474	2.2	21.1
5 11	14 57.75	−14 25.5	2.463	3.470	1.4	21.1
5 21	14 50.26	−14 1.3	2.481	3.466	4.6	21.3
5 31	14 43.64	−13 41.4	2.528	3.461	7.7	21.5
6 10	14 38.41	−13 28.1	2.599	3.457	10.4	21.6

465066 2006 SC_{112} 5 7.9 254.°06 2.°1/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.39	−12 8.9	1.952	2.774	14.0	21.7
4 11	15 25.06	−11 57.8	1.846	2.752	10.9	21.4
4 21	15 17.25	−11 43.1	1.764	2.730	7.2	21.1
5 1	15 7.52	−11 26.9	1.707	2.707	3.3	20.9
5 11	14 56.77	−11 12.3	1.679	2.683	2.9	20.8
5 21	14 46.09	−11 2.5	1.678	2.659	6.8	21.0
5 31	14 36.56	−11 0.7	1.705	2.633	11.0	21.1
6 10	14 29.08	−11 9.3	1.754	2.607	14.8	21.3

105908 2000 SO_{200} 5 7.9 254.°08 4.°0/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.32	− 6 25.5	2.490	3.319	11.1	20.2
4 11	15 18.15	− 5 34.6	2.398	3.305	8.7	20.0
4 21	15 12.33	− 4 42.6	2.331	3.292	6.1	19.8
5 1	15 5.33	− 3 53.4	2.290	3.278	4.2	19.7
5 11	14 57.81	− 3 11.2	2.278	3.264	4.6	19.7
5 21	14 50.47	− 2 39.4	2.294	3.250	7.0	19.8
5 31	14 43.99	− 2 20.8	2.336	3.235	9.8	19.9
6 10	14 38.94	− 2 16.4	2.401	3.220	12.4	20.1

172603 2003 WX_{54} 5 7.9 230.°26 2.°9/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.41	−26 40.7	1.829	2.629	15.7	20.9
4 11	15 23.76	−26 34.0	1.734	2.620	12.6	20.6
4 21	15 16.45	−26 11.3	1.659	2.610	8.9	20.4
5 1	15 7.16	−25 31.9	1.609	2.600	5.0	20.1
5 11	14 56.97	−24 37.7	1.585	2.590	3.0	20.0
5 21	14 47.07	−23 33.5	1.589	2.579	6.0	20.1
5 31	14 38.62	−22 25.9	1.619	2.568	10.1	20.3
6 10	14 32.48	−21 22.5	1.672	2.556	13.9	20.5

417270 2006 AG_{32} 5 7.9 71.°25 9.°1/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 35.00	−40 51.3	1.842	2.570	18.1	20.3
4 11	15 29.04	−41 55.6	1.783	2.597	15.6	20.2
4 21	15 19.92	−42 37.2	1.742	2.623	12.9	20.1
5 1	15 8.56	−42 50.9	1.722	2.650	10.5	20.0
5 11	14 56.40	−42 35.1	1.726	2.676	9.2	19.9
5 21	14 44.95	−41 52.7	1.755	2.702	9.4	20.0
5 31	14 35.55	−40 51.0	1.809	2.728	11.1	20.2
6 10	14 29.05	−39 39.2	1.885	2.754	13.2	20.3

371015 2005 UJ_{27} 5 7.9 170.°62 0.°3/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.13	−19 25.5	2.423	3.226	12.2	22.9
4 11	15 22.63	−19 14.3	2.337	3.231	9.4	22.7
4 21	15 15.24	−18 55.2	2.274	3.235	6.2	22.5
5 1	15 6.53	−18 29.4	2.238	3.238	2.7	22.3
5 11	14 57.29	−17 59.2	2.232	3.240	1.1	22.2
5 21	14 48.35	−17 27.4	2.255	3.242	4.7	22.4
5 31	14 40.49	−16 57.8	2.306	3.243	8.1	22.6
6 10	14 34.31	−16 33.6	2.382	3.244	11.1	22.8

430573 2002 QU_{55} 5 7.9 248.°13 0.°0/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.15	−18 40.8	1.925	2.743	14.4	22.1
4 11	15 23.37	−18 24.9	1.823	2.726	11.2	21.9
4 21	15 16.14	−17 59.4	1.744	2.709	7.4	21.6
5 1	15 7.04	−17 25.4	1.690	2.691	3.1	21.3
5 11	14 57.02	−16 46.0	1.663	2.672	1.4	21.1
5 21	14 47.16	−16 5.2	1.665	2.653	6.0	21.4
5 31	14 38.53	−15 28.2	1.692	2.633	10.3	21.6
6 10	14 31.97	−14 59.5	1.743	2.613	14.1	21.8

473144 2015 KP_6 5 7.9 112.°06 4.°6/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.69	− 4 32.1	2.270	3.101	12.0	20.7
4 11	15 19.18	− 3 46.0	2.202	3.109	9.4	20.5
4 21	15 12.95	− 3 1.2	2.158	3.117	6.7	20.3
5 1	15 5.55	− 2 22.1	2.140	3.124	4.8	20.2
5 11	14 57.75	− 1 52.7	2.150	3.132	5.2	20.3
5 21	14 50.28	− 1 35.8	2.187	3.139	7.5	20.4
5 31	14 43.85	− 1 33.1	2.250	3.147	10.2	20.6
6 10	14 38.99	− 1 45.0	2.335	3.154	12.7	20.8

471244 2011 BU_{38} 5 7.9 71.°75 7.°8/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.24	− 0 32.8	1.691	2.534	14.9	21.2
4 11	15 20.05	+ 0 57.0	1.639	2.547	11.9	21.0
4 21	15 13.69	+ 2 22.2	1.610	2.561	9.2	20.9
5 1	15 5.88	+ 3 34.7	1.605	2.574	7.8	20.8
5 11	14 57.62	+ 4 27.7	1.626	2.587	8.6	20.9
5 21	14 49.89	+ 4 57.1	1.671	2.600	11.0	21.1
5 31	14 43.55	+ 5 1.7	1.738	2.614	13.8	21.3
6 10	14 39.20	+ 4 43.1	1.825	2.627	16.4	21.5

210785 2001 DX_{39} 5 7.9 16.°05 3.°8/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.54	−11 19.1	1.318	2.175	17.4	19.7
4 11	15 21.12	−10 35.6	1.252	2.177	13.4	19.5
4 21	15 14.83	− 9 46.7	1.207	2.180	8.9	19.2
5 1	15 6.49	− 8 57.9	1.184	2.183	4.6	19.0
5 11	14 57.33	− 8 15.6	1.185	2.187	4.7	19.0
5 21	14 48.71	− 7 45.9	1.211	2.191	9.0	19.2
5 31	14 41.82	− 7 33.0	1.259	2.195	13.4	19.5
6 10	14 37.49	− 7 38.6	1.327	2.201	17.4	19.7

4353 Onizaki 5 7.9 316.°90 4.°3/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.49	− 8 7.3	1.352	2.204	17.4	15.6
4 11	15 23.58	− 7 53.1	1.272	2.193	13.6	15.3
4 21	15 16.62	− 7 39.1	1.213	2.183	9.2	15.0
5 1	15 7.32	− 7 29.5	1.176	2.173	5.2	14.8
5 11	14 56.92	− 7 29.0	1.163	2.163	5.1	14.7
5 21	14 46.82	− 7 41.3	1.175	2.154	9.3	14.9
5 31	14 38.39	− 8 8.7	1.210	2.146	13.9	15.2
6 10	14 32.63	− 8 51.4	1.265	2.137	18.2	15.4

513787 2013 BS_9 5 7.9 154.°22 3.°7/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.57	−30 20.4	2.577	3.346	12.5	21.5
4 11	15 20.79	−30 32.5	2.487	3.349	10.2	21.4
4 21	15 14.10	−30 32.0	2.420	3.353	7.6	21.2
5 1	15 6.09	−30 17.7	2.379	3.356	5.0	21.0
5 11	14 57.51	−29 50.6	2.365	3.358	3.7	20.9
5 21	14 49.22	−29 13.1	2.379	3.361	5.0	21.0
5 31	14 41.99	−28 29.2	2.421	3.364	7.5	21.2
6 10	14 36.42	−27 43.6	2.488	3.366	10.1	21.4

507853 2014 GB_{46} 5 7.9 330.°44 5.°9/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.92	+ 0 30.5	2.219	3.045	12.4	20.4
4 11	15 20.24	+ 0 59.3	2.144	3.043	10.0	20.2
4 21	15 13.72	+ 1 22.5	2.092	3.040	7.6	20.1
5 1	15 5.91	+ 1 35.9	2.065	3.038	6.0	20.0
5 11	14 57.60	+ 1 35.8	2.066	3.035	6.5	20.0
5 21	14 49.57	+ 1 20.5	2.093	3.033	8.5	20.1
5 31	14 42.59	+ 0 49.4	2.145	3.031	11.1	20.3
6 10	14 37.23	+ 0 3.5	2.219	3.029	13.6	20.4

304703 2006 WL_{187} 5 7.9 224.°80 3.°1/ 5.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.28	− 7 59.1	2.743	3.565	10.4	21.8
4 11	15 18.72	− 7 22.9	2.651	3.556	8.0	21.6
4 21	15 12.63	− 6 45.5	2.583	3.546	5.5	21.5
5 1	15 5.45	− 6 9.9	2.543	3.535	3.4	21.3
5 11	14 57.81	− 5 39.2	2.532	3.524	3.6	21.3
5 21	14 50.34	− 5 16.2	2.550	3.513	6.0	21.4
5 31	14 43.68	− 5 3.2	2.595	3.502	8.6	21.6
6 10	14 38.34	− 5 1.4	2.664	3.490	11.1	21.7

350654 2001 TH_{222} 5 7.9 132.°80 0.°9/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.66	−22 47.5	2.494	3.295	11.9	21.3
4 11	15 19.16	−22 17.2	2.411	3.303	9.3	21.1
4 21	15 12.94	−21 36.4	2.352	3.311	6.2	20.9
5 1	15 5.57	−20 46.5	2.320	3.318	2.9	20.7
5 11	14 57.77	−19 50.7	2.317	3.325	1.2	20.6
5 21	14 50.31	−18 52.8	2.342	3.332	4.4	20.8
5 31	14 43.88	−17 57.1	2.396	3.338	7.6	21.1
6 10	14 39.00	−17 7.8	2.475	3.345	10.4	21.3

475181 2005 UE_{484} 5 7.9 226.°55 0.°4/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.11	−16 1.1	2.607	3.419	11.2	21.1
4 11	15 20.28	−16 1.8	2.513	3.413	8.6	21.0
4 21	15 13.72	−15 58.0	2.443	3.407	5.6	20.8
5 1	15 5.93	−15 50.8	2.400	3.401	2.3	20.5
5 11	14 57.59	−15 41.9	2.387	3.395	1.2	20.4
5 21	14 49.44	−15 33.4	2.403	3.389	4.6	20.7
5 31	14 42.18	−15 27.6	2.446	3.382	7.8	20.8
6 10	14 36.38	−15 26.7	2.514	3.375	10.6	21.0

390305 2013 AB_{88} 5 7.9 243.°62 3.°7/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.76	− 6 34.5	2.374	3.202	11.6	21.0
4 11	15 19.30	− 6 5.1	2.290	3.198	9.0	20.8
4 21	15 13.09	− 5 35.9	2.230	3.193	6.2	20.6
5 1	15 5.66	− 5 10.2	2.197	3.188	4.0	20.5
5 11	14 57.72	− 4 51.4	2.192	3.182	4.2	20.5
5 21	14 50.02	− 4 42.1	2.214	3.177	6.7	20.6
5 31	14 43.27	− 4 44.3	2.263	3.172	9.6	20.8
6 10	14 38.03	− 4 58.6	2.335	3.167	12.3	21.0

469833 2005 SN_{241} 5 7.9 285.°54 3.°5/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.74	−27 43.4	2.325	3.111	13.2	21.3
4 11	15 21.21	−28 8.1	2.229	3.103	10.7	21.1
4 21	15 14.57	−28 21.5	2.154	3.096	7.8	20.9
5 1	15 6.35	−28 22.2	2.105	3.088	4.9	20.7
5 11	14 57.39	−28 10.4	2.083	3.081	3.5	20.6
5 21	14 48.62	−27 48.3	2.088	3.073	5.3	20.7
5 31	14 40.94	−27 19.4	2.121	3.066	8.3	20.8
6 10	14 35.06	−26 48.6	2.178	3.058	11.2	21.0

50916 2000 GK_{56} 5 7.9 201.°98 0.°7/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.95	−16 50.9	2.121	2.945	13.0	19.5
4 11	15 19.70	−16 25.4	2.037	2.944	10.0	19.3
4 21	15 13.47	−15 52.5	1.976	2.944	6.5	19.1
5 1	15 5.85	−15 14.4	1.942	2.943	2.7	18.9
5 11	14 57.66	−14 34.4	1.935	2.943	1.6	18.8
5 21	14 49.77	−13 56.4	1.956	2.942	5.5	19.0
5 31	14 43.00	−13 24.5	2.004	2.941	9.1	19.3
6 10	14 37.99	−13 1.8	2.075	2.941	12.3	19.5

335186 2005 CF_{14} 5 7.9 212.°33 7.°6/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.59	−61 42.1	4.845	5.342	9.8	20.5
4 11	15 24.71	−62 26.5	4.753	5.341	9.2	20.4
4 21	15 16.73	−62 56.6	4.676	5.340	8.7	20.4
5 1	15 7.22	−63 9.8	4.617	5.339	8.1	20.3
5 11	14 57.02	−63 4.7	4.578	5.338	7.7	20.3
5 21	14 47.05	−62 41.6	4.561	5.336	7.6	20.3
5 31	14 38.20	−62 2.1	4.566	5.335	7.7	20.3
6 10	14 31.16	−61 9.5	4.591	5.334	8.0	20.3

282009 2011 HR_{58} 5 7.9 196.°89 4.°2/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.56	− 7 36.7	1.989	2.825	13.3	20.7
4 11	15 20.20	− 6 48.6	1.912	2.824	10.3	20.5
4 21	15 13.81	− 5 59.1	1.858	2.823	7.0	20.3
5 1	15 5.99	− 5 12.6	1.830	2.822	4.5	20.2
5 11	14 57.60	− 4 34.1	1.830	2.821	4.9	20.2
5 21	14 49.54	− 4 7.4	1.856	2.820	7.8	20.3
5 31	14 42.65	− 3 55.5	1.907	2.818	11.0	20.5
6 10	14 37.56	− 3 59.1	1.980	2.816	14.0	20.7

249620 1999 TU_{35} 5 7.9 262.°93 6.°3/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 33.84	−35 18.2	2.678	3.406	13.0	20.6
4 11	15 27.64	−36 31.8	2.565	3.389	11.1	20.4
4 21	15 18.97	−37 34.4	2.475	3.372	9.0	20.2
5 1	15 8.30	−38 21.9	2.411	3.354	7.2	20.1
5 11	14 56.49	−38 51.3	2.375	3.336	6.3	20.0
5 21	14 44.56	−39 2.3	2.367	3.318	7.1	20.0
5 31	14 33.61	−38 56.8	2.386	3.300	9.0	20.1
6 10	14 24.56	−38 39.9	2.430	3.281	11.2	20.2

332899 2011 BQ_{38} 5 7.9 107.°54 7.°4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.17	− 0 43.0	1.837	2.676	14.1	20.3
4 11	15 19.92	+ 0 47.9	1.778	2.684	11.3	20.1
4 21	15 13.59	+ 2 15.1	1.742	2.691	8.7	19.9
5 1	15 5.88	+ 3 31.3	1.731	2.699	7.4	19.9
5 11	14 57.68	+ 4 29.7	1.746	2.706	8.3	19.9
5 21	14 49.93	+ 5 6.0	1.787	2.714	10.6	20.1
5 31	14 43.45	+ 5 18.4	1.850	2.721	13.3	20.3
6 10	14 38.85	+ 5 8.0	1.933	2.728	15.8	20.5

278790 2008 SX_{196} 5 7.9 254.°73 1.°7/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.92	−15 11.6	1.936	2.767	13.8	21.1
4 11	15 19.86	−14 30.9	1.853	2.765	10.5	20.9
4 21	15 13.66	−13 42.5	1.793	2.762	6.8	20.7
5 1	15 5.96	−12 49.6	1.759	2.760	3.0	20.4
5 11	14 57.63	−11 56.9	1.752	2.757	2.5	20.4
5 21	14 49.63	−11 9.1	1.772	2.754	6.3	20.6
5 31	14 42.85	−10 30.9	1.818	2.752	10.2	20.8
6 10	14 37.94	−10 5.5	1.887	2.749	13.5	21.1

97180 1999 VH_{224} 5 7.9 206.°58 3.°3/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.45	− 9 23.9	2.323	3.150	11.9	20.7
4 11	15 19.87	− 8 35.3	2.237	3.145	9.2	20.5
4 21	15 13.49	− 7 43.7	2.176	3.141	6.2	20.4
5 1	15 5.85	− 6 52.9	2.141	3.135	3.6	20.2
5 11	14 57.69	− 6 7.3	2.135	3.130	3.9	20.2
5 21	14 49.78	− 5 30.6	2.157	3.123	6.7	20.3
5 31	14 42.87	− 5 5.8	2.206	3.117	9.7	20.5
6 10	14 37.53	− 4 54.7	2.278	3.110	12.6	20.7

328332 2008 JZ_{31} 5 7.9 51.°20 0.°4/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 24.96	−22 54.5	1.407	2.241	17.8	19.8
4 11	15 21.19	−21 57.0	1.349	2.259	13.8	19.6
4 21	15 14.68	−20 41.8	1.311	2.278	9.0	19.4
5 1	15 6.35	−19 12.7	1.297	2.297	3.9	19.1
5 11	14 57.51	−17 37.2	1.308	2.317	1.5	19.0
5 21	14 49.41	−16 4.2	1.346	2.337	6.6	19.4
5 31	14 43.12	−14 42.1	1.408	2.357	11.2	19.7
6 10	14 39.30	−13 37.0	1.492	2.378	15.1	20.0

294672 2008 AP_{100} 5 7.9 11.°30 1.°7/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 21.77	−16 25.6	1.202	2.064	18.5	20.2
4 11	15 19.30	−15 47.4	1.138	2.066	14.2	20.0
4 21	15 13.80	−14 57.5	1.093	2.069	9.2	19.7
5 1	15 6.11	−14 0.4	1.071	2.073	3.9	19.4
5 11	14 57.58	−13 2.8	1.071	2.078	2.9	19.3
5 21	14 49.62	−12 12.3	1.096	2.085	8.1	19.7
5 31	14 43.51	−11 35.5	1.142	2.092	13.1	20.0
6 10	14 40.09	−11 16.4	1.208	2.100	17.4	20.2

127172 2002 GF_{154} 5 7.9 260.°03 2.°8/ 9.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 30.64	−23 56.3	2.154	2.947	13.9	19.4
4 11	15 25.28	−24 29.4	2.044	2.928	11.1	19.2
4 21	15 17.45	−24 54.0	1.957	2.907	7.9	18.9
5 1	15 7.66	−25 8.2	1.896	2.887	4.5	18.7
5 11	14 56.82	−25 11.7	1.862	2.866	2.9	18.5
5 21	14 46.00	−25 5.8	1.857	2.844	5.6	18.7
5 31	14 36.28	−24 53.8	1.880	2.822	9.3	18.8
6 10	14 28.56	−24 40.2	1.926	2.800	12.8	19.0

188712 2005 TR_{131} 5 7.9 51.°29 0.°4/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.26	−17 11.7	2.235	3.056	12.5	20.5
4 11	15 19.04	−16 57.6	2.158	3.063	9.6	20.3
4 21	15 12.97	−16 36.9	2.104	3.070	6.2	20.1
5 1	15 5.63	−16 11.3	2.076	3.077	2.5	19.9
5 11	14 57.80	−15 43.7	2.076	3.084	1.3	19.8
5 21	14 50.29	−15 17.2	2.104	3.092	5.0	20.1
5 31	14 43.86	−14 55.0	2.159	3.099	8.4	20.3
6 10	14 39.08	−14 40.0	2.238	3.107	11.4	20.5

14701 Aizu 5 7.9 214.°63 3.°0/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 23.98	−10 53.8	2.387	3.212	11.7	18.9
4 11	15 19.48	− 9 51.3	2.297	3.205	9.0	18.7
4 21	15 13.22	− 8 44.0	2.232	3.198	6.0	18.5
5 1	15 5.74	− 7 35.9	2.195	3.190	3.4	18.4
5 11	14 57.75	− 6 31.6	2.186	3.181	3.7	18.4
5 21	14 50.00	− 5 35.8	2.206	3.172	6.5	18.5
5 31	14 43.21	− 4 52.2	2.253	3.163	9.6	18.7
6 10	14 37.95	− 4 23.0	2.323	3.153	12.4	18.9

401555 2013 EP_{139} 5 7.9 355.°76 2.°8/ 6.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.42	−13 43.7	1.167	2.028	19.0	21.5
4 11	15 22.28	−13 10.6	1.099	2.026	14.6	21.3
4 21	15 15.87	−12 28.9	1.049	2.025	9.6	21.0
5 1	15 7.04	−11 43.3	1.022	2.024	4.4	20.7
5 11	14 57.17	−11 0.5	1.018	2.023	3.9	20.6
5 21	14 47.82	−10 27.1	1.037	2.023	9.0	20.9
5 31	14 40.43	−10 8.8	1.078	2.024	14.2	21.2
6 10	14 35.95	−10 8.8	1.137	2.025	18.7	21.5

493569 2015 KM_{45} 5 7.9 253.°75 2.°9/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	15 25.24	− 8 33.6	2.359	3.184	11.8	21.4
4 11	15 20.51	− 8 17.1	2.267	3.174	9.1	21.2
4 21	15 13.95	− 8 0.0	2.200	3.164	6.1	21.0
5 1	15 6.07	− 7 44.9	2.159	3.154	3.4	20.8
5 11	14 57.60	− 7 34.7	2.147	3.144	3.5	20.8
5 21	14 49.32	− 7 31.8	2.162	3.134	6.3	20.9
5 31	14 42.00	− 7 38.2	2.205	3.123	9.4	21.1
6 10	14 36.24	− 7 54.9	2.271	3.113	12.3	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
155910	2001 *OH*		5 7.9	320.°86	2.°4/ 6.5	17
	h m	° ′			°	m
4 1	15 19.21	−17 53.4	1.079	1.949	19.5	19.3
4 11	15 17.99	−16 47.0	0.995	1.928	15.2	19.0
4 21	15 13.40	−15 19.4	0.929	1.907	10.0	18.6
5 1	15 6.14	−13 35.6	0.884	1.887	4.3	18.2
5 11	14 57.52	−11 45.6	0.861	1.868	3.8	18.1
5 21	14 49.18	−10 1.9	0.861	1.850	9.8	18.4
5 31	14 42.70	− 8 37.1	0.881	1.833	15.8	18.6
6 10	14 39.25	− 7 39.4	0.918	1.817	21.1	18.8
343867	2011 HH_{65}		5 7.9	308.°88	4.°2/ 5.0	17
4 1	15 22.27	−10 4.7	1.688	2.536	14.7	21.2
4 11	15 18.97	− 9 5.3	1.601	2.521	11.4	20.9
4 21	15 13.30	− 8 0.2	1.536	2.506	7.7	20.7
5 1	15 5.89	− 6 54.8	1.496	2.492	4.6	20.5
5 11	14 57.68	− 5 55.6	1.482	2.478	5.0	20.4
5 21	14 49.71	− 5 8.6	1.493	2.464	8.6	20.6
5 31	14 43.02	− 4 38.6	1.529	2.450	12.5	20.8
6 10	14 38.38	− 4 27.8	1.584	2.437	16.1	21.0
34523	2000 SU_{194}		5 7.9	18.°18	0.°3/ 8.1	17
4 1	15 23.50	−19 4.9	1.949	2.774	13.9	18.9
4 11	15 19.56	−18 56.3	1.870	2.777	10.8	18.7
4 21	15 13.48	−18 39.0	1.814	2.780	7.1	18.4
5 1	15 5.89	−18 14.4	1.783	2.783	3.0	18.2
5 11	14 57.70	−17 45.4	1.778	2.787	1.3	18.1
5 21	14 49.84	−17 15.5	1.801	2.792	5.4	18.3
5 31	14 43.22	−16 49.0	1.850	2.796	9.2	18.6
6 10	14 38.49	−16 29.4	1.922	2.801	12.6	18.8
299796	2006 SY_{96}		5 7.9	172.°10	0.°3/ 8.2	17
4 1	15 24.28	−19 31.0	2.867	3.669	10.5	23.0
4 11	15 19.45	−19 17.6	2.778	3.672	8.1	22.8
4 21	15 13.08	−18 57.4	2.713	3.674	5.3	22.6
5 1	15 5.66	−18 31.6	2.677	3.676	2.3	22.4
5 11	14 57.81	−18 2.2	2.669	3.678	0.9	22.3
5 21	14 50.20	−17 31.6	2.692	3.679	4.0	22.5
5 31	14 43.45	−17 2.9	2.742	3.680	7.0	22.7
6 10	14 38.05	−16 38.8	2.818	3.680	9.6	22.9
377041	2002 TU_1		5 7.9	260.°51	0.°4/ 8.2	17
4 1	15 28.15	−19 41.6	1.870	2.688	14.7	21.5
4 11	15 23.54	−19 30.5	1.765	2.667	11.6	21.3
4 21	15 16.37	−19 9.0	1.682	2.646	7.7	21.0
5 1	15 7.23	−18 38.0	1.624	2.625	3.4	20.7
5 11	14 57.07	−17 59.9	1.594	2.603	1.4	20.5
5 21	14 47.01	−17 18.8	1.591	2.580	6.1	20.7
5 31	14 38.21	−16 40.1	1.614	2.557	10.5	20.9
6 10	14 31.54	−16 8.9	1.659	2.533	14.5	21.1
180170	2003 HE_{23}		5 7.9	335.°00	4.°8/10.6	16
4 1	15 24.66	−28 28.2	1.848	2.647	15.6	19.6
4 11	15 21.06	−29 10.7	1.753	2.634	12.8	19.4
4 21	15 14.84	−29 40.3	1.679	2.621	9.5	19.1
5 1	15 6.60	−29 54.4	1.628	2.610	6.4	18.9
5 11	14 57.35	−29 52.2	1.603	2.598	4.8	18.8
5 21	14 48.24	−29 35.5	1.604	2.588	6.6	18.9
5 31	14 40.47	−29 8.7	1.629	2.578	10.0	19.1
6 10	14 34.94	−28 37.8	1.677	2.569	13.4	19.2
248369	2005 QG_{173}		5 7.9	200.°31	1.°4/ 6.6	18
4 1	15 22.09	−15 7.2	2.621	3.440	10.9	21.4
4 11	15 17.90	−14 25.7	2.532	3.438	8.3	21.2
4 21	15 12.13	−13 38.3	2.469	3.436	5.4	21.0
5 1	15 5.28	−12 47.6	2.433	3.433	2.3	20.8
5 11	14 58.00	−11 57.0	2.426	3.431	2.0	20.7
5 21	14 50.95	−11 10.0	2.448	3.428	5.0	20.9
5 31	14 44.79	−10 30.2	2.497	3.425	8.0	21.1
6 10	14 40.01	−10 0.0	2.571	3.421	10.7	21.3
501163	2013 TF_{80}		5 7.9	232.°02	4.°6/ 4.3	17
4 1	15 24.05	− 8 52.6	1.860	2.700	13.9	21.9
4 11	15 19.99	− 7 36.3	1.780	2.695	10.7	21.7
4 21	15 13.78	− 6 15.2	1.723	2.690	7.4	21.5
5 1	15 6.03	− 4 55.5	1.693	2.684	4.8	21.3
5 11	14 57.66	− 3 43.7	1.689	2.679	5.4	21.3
5 21	14 49.62	− 2 45.8	1.712	2.673	8.5	21.5
5 31	14 42.81	− 2 6.1	1.760	2.667	12.0	21.7
6 10	14 37.89	− 1 46.4	1.829	2.661	15.2	21.9
172816	2004 HX_1		5 7.9	27.°87	0.°5/ 7.6	17
4 1	15 23.61	−16 58.3	1.721	2.557	15.0	20.0
4 11	15 19.81	−16 47.6	1.654	2.567	11.5	19.7
4 21	15 13.70	−16 29.4	1.608	2.577	7.5	19.5
5 1	15 5.99	−16 5.5	1.587	2.589	3.1	19.3
5 11	14 57.70	−15 39.5	1.592	2.600	1.6	19.2
5 21	14 49.86	−15 15.1	1.624	2.613	6.0	19.5
5 31	14 43.42	−14 56.5	1.680	2.626	10.0	19.8
6 10	14 39.04	−14 46.7	1.759	2.639	13.5	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
439370	2013 AA_9		5 7.9	229.°53	3.°7/ 5.2	18
	h m	° ′			°	m
4 1	15 24.69	− 5 57.9	2.464	3.288	11.4	21.1
4 11	15 19.97	− 5 33.3	2.378	3.283	8.8	21.0
4 21	15 13.53	− 5 9.5	2.316	3.276	6.1	20.8
5 1	15 5.89	− 4 49.6	2.280	3.270	4.0	20.6
5 11	14 57.74	− 4 36.6	2.274	3.264	4.2	20.6
5 21	14 49.80	− 4 33.0	2.295	3.257	6.6	20.8
5 31	14 42.78	− 4 40.3	2.343	3.250	9.4	20.9
6 10	14 37.25	− 4 59.2	2.414	3.243	12.0	21.1
52094	2177 *P–L*		5 7.9	122.°27	0.°2/ 8.1	18
4 1	15 25.30	−19 24.3	2.657	3.461	11.2	20.9
4 11	15 20.24	−19 4.7	2.583	3.478	8.6	20.8
4 21	15 13.57	−18 37.9	2.533	3.495	5.6	20.6
5 1	15 5.86	−18 5.3	2.510	3.510	2.4	20.4
5 11	14 57.78	−17 29.4	2.517	3.526	1.0	20.3
5 21	14 50.05	−16 53.1	2.554	3.541	4.2	20.6
5 31	14 43.30	−16 19.9	2.618	3.555	7.3	20.8
6 10	14 38.02	−15 52.4	2.708	3.569	9.9	21.0
394306	2006 VL_{146}		5 7.9	133.°77	1.°7/ 6.3	17
4 1	15 22.28	−14 15.2	2.459	3.282	11.4	21.3
4 11	15 18.09	−13 29.0	2.379	3.287	8.7	21.2
4 21	15 12.26	−12 37.3	2.324	3.292	5.6	21.0
5 1	15 5.34	−11 43.0	2.297	3.297	2.6	20.8
5 11	14 58.00	−10 50.0	2.298	3.301	2.4	20.8
5 21	14 50.96	−10 2.1	2.327	3.306	5.4	21.0
5 31	14 44.88	− 9 22.8	2.384	3.310	8.5	21.2
6 10	14 40.26	− 8 54.6	2.465	3.314	11.2	21.4
303990	2006 BQ_{146}		5 7.9	152.°07	0.°2/ 7.8	16
4 1	15 30.81	−17 52.0	1.638	2.462	16.2	22.1
4 11	15 25.53	−17 38.7	1.562	2.469	12.5	21.9
4 21	15 17.56	−17 16.0	1.508	2.475	8.2	21.6
5 1	15 7.65	−16 45.7	1.479	2.481	3.4	21.4
5 11	14 56.98	−16 11.2	1.477	2.486	1.6	21.2
5 21	14 46.78	−15 37.1	1.502	2.490	6.5	21.6
5 31	14 38.22	−15 8.5	1.552	2.494	10.9	21.8
6 10	14 32.07	−14 49.6	1.625	2.498	14.8	22.1
156012	2001 RV_{78}		5 7.9	207.°18	0.°0/ 7.9	18
4 1	15 28.63	−18 22.6	2.489	3.292	11.9	21.2
4 11	15 23.10	−18 14.3	2.390	3.285	9.3	21.0
4 21	15 15.65	−17 59.1	2.316	3.277	6.1	20.8
5 1	15 6.80	−17 37.9	2.268	3.268	2.6	20.5
5 11	14 57.33	−17 12.7	2.250	3.259	1.1	20.4
5 21	14 48.06	−16 46.3	2.262	3.248	4.8	20.6
5 31	14 39.78	−16 22.0	2.302	3.237	8.2	20.8
6 10	14 33.13	−16 3.1	2.367	3.225	11.2	21.0
504619	2008 UG_{314}		5 7.9	252.°78	2.°5/ 9.7	18
4 1	15 26.09	−25 21.9	2.023	2.825	14.3	20.9
4 11	15 21.72	−25 21.7	1.928	2.816	11.4	20.7
4 21	15 15.02	−25 8.6	1.855	2.808	8.0	20.4
5 1	15 6.61	−24 42.2	1.807	2.800	4.4	20.2
5 11	14 57.42	−24 4.1	1.786	2.791	2.6	20.1
5 21	14 48.48	−23 18.0	1.793	2.783	5.4	20.2
5 31	14 40.79	−22 29.2	1.826	2.774	9.1	20.4
6 10	14 35.11	−21 43.2	1.882	2.765	12.6	20.6
506126	2016 *CV*		5 7.9	320.°30	4.°7/10.3	17
4 1	15 22.94	−27 28.1	1.186	2.023	20.3	20.7
4 11	15 21.00	−27 45.8	1.098	2.004	16.6	20.4
4 21	15 15.50	−27 42.7	1.027	1.986	12.1	20.1
5 1	15 7.09	−27 15.5	0.977	1.969	7.3	19.8
5 11	14 57.15	−26 25.1	0.949	1.952	4.8	19.5
5 21	14 47.42	−25 16.8	0.943	1.937	8.1	19.7
5 31	14 39.65	−24 0.6	0.958	1.922	13.4	19.9
6 10	14 35.13	−22 48.2	0.993	1.908	18.4	20.1
37159	2000 *WX*		5 7.9	233.°53	0.°5/ 8.4	18
4 1	15 23.69	−20 28.9	2.735	3.538	11.0	19.8
4 11	15 19.19	−20 15.3	2.633	3.527	8.5	19.6
4 21	15 13.03	−19 53.9	2.556	3.517	5.7	19.4
5 1	15 5.70	−19 25.7	2.507	3.506	2.5	19.2
5 11	14 57.84	−18 52.7	2.486	3.494	1.0	19.1
5 21	14 50.14	−18 17.5	2.494	3.483	4.2	19.3
5 31	14 43.30	−17 43.7	2.530	3.471	7.3	19.5
6 10	14 37.87	−17 14.3	2.592	3.458	10.1	19.6
390381	2013 VW_{20}		5 7.9	184.°77	2.°4/ 5.8	17
4 1	15 26.55	− 9 42.9	2.843	3.656	10.4	22.6
4 11	15 21.12	− 9 12.6	2.755	3.656	7.9	22.5
4 21	15 14.15	− 8 40.3	2.693	3.655	5.3	22.3
5 1	15 6.12	− 8 8.7	2.659	3.654	2.9	22.1
5 11	14 57.67	− 7 40.6	2.655	3.652	3.0	22.1
5 21	14 49.44	− 7 18.4	2.681	3.649	5.4	22.3
5 31	14 42.06	− 7 4.5	2.735	3.645	8.1	22.5
6 10	14 36.04	− 7 0.2	2.813	3.641	10.6	22.6

301370 2009 CX_{52} 5 7.9 311.°58 0.°6/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.12	−19 50.4	2.010	2.830	13.7	20.9
4 11	15 20.10	−19 43.9	1.920	2.823	10.7	20.6
4 21	15 13.91	−19 28.4	1.852	2.817	7.1	20.4
5 1	15 6.13	−19 4.7	1.810	2.810	3.1	20.1
5 11	14 57.64	−18 35.5	1.795	2.804	1.3	20.0
5 21	14 49.41	−18 4.2	1.808	2.798	5.3	20.3
5 31	14 42.35	−17 35.0	1.846	2.792	9.2	20.5
6 10	14 37.18	−17 12.0	1.908	2.786	12.7	20.7

20813 Aakashshah 5 7.9 69.°18 1.°0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.44	−17 0.6	1.732	2.564	15.1	18.3
4 11	15 21.15	−16 28.8	1.664	2.576	11.5	18.1
4 21	15 14.54	−15 48.2	1.618	2.587	7.5	17.8
5 1	15 6.34	−15 1.6	1.597	2.599	3.1	17.6
5 11	14 57.58	−14 13.7	1.603	2.611	2.0	17.5
5 21	14 49.32	−13 29.5	1.636	2.623	6.2	17.8
5 31	14 42.50	−12 53.6	1.694	2.635	10.3	18.1
6 10	14 37.77	−12 29.6	1.775	2.647	13.8	18.3

425566 2010 RV_{179} 5 7.9 229.°24 0.°7/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.92	−20 41.4	1.932	2.744	14.5	22.6
4 11	15 23.97	−20 27.9	1.835	2.733	11.4	22.4
4 21	15 16.55	−20 3.5	1.759	2.721	7.6	22.1
5 1	15 7.29	−19 28.8	1.709	2.708	3.4	21.9
5 11	14 57.15	−18 46.7	1.686	2.695	1.4	21.7
5 21	14 47.24	−18 1.2	1.692	2.681	5.8	21.9
5 31	14 38.62	−17 17.7	1.724	2.666	10.0	22.2
6 10	14 32.10	−16 41.3	1.779	2.651	13.7	22.4

512222 2015 TU_{266} 5 7.9 179.°25 2.°1/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.19	−27 11.5	3.586	4.359	9.2	21.9
4 11	15 16.93	−27 12.5	3.490	4.359	7.3	21.7
4 21	15 11.39	−27 5.3	3.419	4.360	5.3	21.6
5 1	15 4.98	−26 49.7	3.375	4.360	3.2	21.5
5 11	14 58.21	−26 26.9	3.360	4.360	2.1	21.4
5 21	14 51.61	−25 58.6	3.374	4.360	3.4	21.5
5 31	14 45.69	−25 27.3	3.417	4.359	5.6	21.6
6 10	14 40.87	−24 55.7	3.487	4.359	7.6	21.8

172957 2005 LY_8 5 7.9 129.°89 4.°3/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.22	− 6 13.8	2.290	3.122	11.9	20.4
4 11	15 18.87	− 5 17.6	2.220	3.128	9.2	20.2
4 21	15 12.80	− 4 21.2	2.173	3.135	6.4	20.1
5 1	15 5.59	− 3 28.8	2.154	3.141	4.5	19.9
5 11	14 57.95	− 2 45.0	2.162	3.147	4.9	20.0
5 21	14 50.64	− 2 13.2	2.197	3.152	7.3	20.1
5 31	14 44.35	− 1 55.9	2.259	3.158	10.1	20.3
6 10	14 39.60	− 1 53.6	2.343	3.163	12.6	20.5

21519 Josephhenry 5 7.9 191.°16 7.°2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.99	+ 0 45.3	1.861	2.688	14.4	18.2
4 11	15 23.72	+ 1 37.1	1.789	2.687	11.6	18.0
4 21	15 16.19	+ 2 23.2	1.739	2.686	8.9	17.9
5 1	15 7.06	+ 2 57.6	1.714	2.684	7.3	17.7
5 11	14 57.30	+ 3 15.0	1.716	2.682	7.9	17.8
5 21	14 47.92	+ 3 12.5	1.743	2.679	10.3	17.9
5 31	14 39.85	+ 2 49.1	1.795	2.675	13.2	18.1
6 10	14 33.79	+ 2 6.5	1.867	2.672	15.9	18.3

6550 Parléř 5 7.9 104.°05 0.°6/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.26	−15 58.8	1.692	2.516	15.7	17.6
4 11	15 25.65	−15 55.8	1.627	2.533	12.1	17.4
4 21	15 17.50	−15 46.2	1.583	2.550	7.8	17.2
5 1	15 7.60	−15 31.6	1.565	2.566	3.2	16.9
5 11	14 57.10	−15 14.9	1.574	2.582	1.7	16.9
5 21	14 47.15	−14 59.7	1.610	2.598	6.3	17.2
5 31	14 38.82	−14 49.5	1.672	2.612	10.4	17.5
6 10	14 32.81	−14 47.5	1.757	2.627	14.0	17.7

333599 2007 GH 5 7.9 351.°61 3.°4/ 5.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 21.79	−14 11.5	1.583	2.431	15.5	19.9
4 11	15 18.63	−12 44.5	1.508	2.429	11.8	19.6
4 21	15 13.06	−11 6.3	1.454	2.427	7.7	19.4
5 1	15 5.80	− 9 23.4	1.426	2.425	4.0	19.2
5 11	14 57.87	− 7 44.4	1.424	2.424	4.4	19.2
5 21	14 50.37	− 6 17.5	1.449	2.423	8.4	19.4
5 31	14 44.29	− 5 9.5	1.497	2.423	12.5	19.6
6 10	14 40.34	− 4 23.9	1.566	2.423	16.1	19.9

478180 2011 UX_{201} 5 7.9 219.°68 0.°7/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.52	−16 1.1	2.782	3.595	10.6	22.8
4 11	15 18.97	−15 42.1	2.686	3.587	8.1	22.6
4 21	15 12.86	−15 17.8	2.615	3.580	5.3	22.4
5 1	15 5.64	−14 49.9	2.571	3.572	2.2	22.2
5 11	14 57.94	−14 20.7	2.556	3.563	1.4	22.1
5 21	14 50.42	−13 52.9	2.570	3.554	4.5	22.3
5 31	14 43.72	−13 29.3	2.613	3.545	7.5	22.5
6 10	14 38.37	−13 12.4	2.680	3.536	10.2	22.6

54457 2000 NC_{24} 5 7.9 57.°96 12.°0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.50	+10 59.0	1.590	2.413	16.6	17.4
4 11	15 21.95	+12 24.5	1.549	2.425	14.4	17.3
4 21	15 15.02	+13 33.2	1.527	2.438	12.7	17.2
5 1	15 6.54	+14 16.5	1.528	2.450	12.0	17.2
5 11	14 57.59	+14 28.6	1.551	2.463	12.7	17.3
5 21	14 49.27	+14 8.2	1.596	2.476	14.4	17.4
5 31	14 42.49	+13 17.3	1.661	2.489	16.5	17.6
6 10	14 37.89	+12 1.1	1.743	2.502	18.6	17.8

23306 Adamfields 5 7.9 214.°21 3.°7/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.02	−10 38.2	1.770	2.606	14.7	18.4
4 11	15 22.45	− 9 42.4	1.687	2.601	11.3	18.2
4 21	15 15.50	− 8 41.2	1.627	2.595	7.6	18.0
5 1	15 6.83	− 7 39.5	1.593	2.589	4.3	17.8
5 11	14 57.43	− 6 43.3	1.585	2.582	4.6	17.8
5 21	14 48.36	− 5 58.1	1.605	2.575	8.1	17.9
5 31	14 40.62	− 5 28.2	1.649	2.568	11.9	18.2
6 10	14 34.98	− 5 15.8	1.715	2.560	15.4	18.4

375923 2009 WB_{43} 5 7.9 145.°73 4.°8/ 4.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.48	− 3 33.1	2.136	2.960	12.9	21.4
4 11	15 22.99	− 3 5.2	2.066	2.968	10.1	21.2
4 21	15 15.55	− 2 40.3	2.018	2.975	7.2	21.0
5 1	15 6.76	− 2 22.1	1.997	2.982	5.1	20.9
5 11	14 57.49	− 2 14.2	2.004	2.988	5.4	20.9
5 21	14 48.58	− 2 18.8	2.039	2.994	7.8	21.1
5 31	14 40.86	− 2 37.1	2.100	3.000	10.7	21.3
6 10	14 34.90	− 3 8.6	2.183	3.005	13.4	21.5

325794 2010 RH_{63} 5 7.9 162.°70 0.°4/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.03	−20 9.8	2.005	2.816	14.1	22.0
4 11	15 23.74	−19 50.3	1.924	2.822	11.0	21.8
4 21	15 16.20	−19 20.7	1.865	2.827	7.2	21.5
5 1	15 7.08	−18 42.2	1.832	2.832	3.1	21.3
5 11	14 57.35	−17 58.0	1.827	2.836	1.3	21.1
5 21	14 48.01	−17 12.5	1.850	2.839	5.4	21.4
5 31	14 39.99	−16 30.5	1.901	2.842	9.3	21.7
6 10	14 33.99	−15 56.2	1.975	2.844	12.7	21.9

69177 4618 *P–L* 5 7.9 165.°97 0.°9/ 7.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.30	−16 41.1	1.989	2.806	14.0	20.7
4 11	15 23.90	−16 11.4	1.908	2.812	10.7	20.5
4 21	15 16.29	−15 33.7	1.851	2.817	7.0	20.3
5 1	15 7.12	−14 50.3	1.820	2.821	2.9	20.1
5 11	14 57.34	−14 5.0	1.817	2.825	1.9	20.0
5 21	14 47.96	−13 22.3	1.843	2.827	5.9	20.3
5 31	14 39.89	−12 46.5	1.895	2.829	9.8	20.5
6 10	14 33.82	−12 21.2	1.971	2.831	13.1	20.7

219532 2001 QF_{177} 5 7.9 135.°54 1.°8/ 6.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.44	−14 6.0	2.112	2.933	13.1	21.6
4 11	15 22.24	−13 29.0	2.040	2.946	10.0	21.4
4 21	15 15.07	−12 46.2	1.991	2.958	6.5	21.2
5 1	15 6.57	−12 0.9	1.970	2.970	2.9	21.0
5 11	14 57.60	−11 17.0	1.977	2.981	2.5	21.0
5 21	14 49.05	−10 38.5	2.012	2.991	6.0	21.3
5 31	14 41.72	−10 8.9	2.074	3.001	9.4	21.5
6 10	14 36.19	− 9 50.7	2.159	3.010	12.5	21.7

336926 2011 HC_{56} 5 7.9 206.°06 3.°7/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.45	− 8 22.0	2.001	2.834	13.3	21.1
4 11	15 20.94	− 7 44.8	1.922	2.833	10.3	20.9
4 21	15 14.36	− 7 6.1	1.865	2.831	7.0	20.7
5 1	15 6.32	− 6 29.8	1.835	2.829	4.2	20.6
5 11	14 57.69	− 6 0.2	1.832	2.827	4.4	20.6
5 21	14 49.37	− 5 41.0	1.856	2.825	7.4	20.7
5 31	14 42.21	− 5 34.6	1.906	2.822	10.7	20.9
6 10	14 36.87	− 5 42.4	1.978	2.820	13.8	21.1

351875 2006 SK_{81} 5 7.9 241.°75 0.°8/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 23.43	−16 40.2	2.253	3.075	12.4	21.4
4 11	15 19.26	−16 13.2	2.165	3.072	9.5	21.2
4 21	15 13.21	−15 39.2	2.101	3.068	6.2	21.0
5 1	15 5.83	−15 0.2	2.064	3.065	2.6	20.8
5 11	14 57.91	−14 19.6	2.054	3.061	1.6	20.7
5 21	14 50.25	−13 41.1	2.073	3.058	5.3	20.9
5 31	14 43.62	−13 8.4	2.118	3.054	8.8	21.1
6 10	14 38.64	−12 44.6	2.187	3.051	11.9	21.3

437674 2014 CM_{16} 5 7.9 228.°05 2.°6/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.56	−26 28.2	2.306	3.097	13.1	21.4
4 11	15 21.04	−26 28.4	2.211	3.092	10.5	21.2
4 21	15 14.45	−26 16.4	2.138	3.086	7.5	21.0
5 1	15 6.38	−25 51.7	2.091	3.080	4.3	20.8
5 11	14 57.66	−25 16.0	2.071	3.074	2.7	20.7
5 21	14 49.18	−24 32.3	2.079	3.068	4.9	20.8
5 31	14 41.81	−23 45.1	2.115	3.062	8.2	21.0
6 10	14 36.22	−22 59.5	2.175	3.055	11.3	21.2

308207 2005 EO_{77} 5 7.9 133.°72 1.°0/ 7.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.95	−16 6.0	1.793	2.616	15.0	21.5
4 11	15 24.57	−15 43.6	1.722	2.628	11.5	21.3
4 21	15 16.78	−15 13.7	1.672	2.639	7.5	21.1
5 1	15 7.34	−14 38.7	1.649	2.650	3.1	20.8
5 11	14 57.30	−14 2.4	1.653	2.660	2.0	20.8
5 21	14 47.74	−13 29.1	1.685	2.670	6.3	21.0
5 31	14 39.67	−13 3.1	1.743	2.679	10.3	21.3
6 10	14 33.77	−12 47.6	1.823	2.688	13.8	21.5

523670 2013 EP_{41} 5 7.9 268.°99 19.°3/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.83	+11 25.1	1.055	1.904	21.5	21.9
4 11	15 24.91	+15 33.3	0.991	1.877	19.8	21.6
4 21	15 18.20	+19 36.7	0.947	1.848	19.3	21.5
5 1	15 8.35	+23 10.5	0.923	1.819	20.5	21.4
5 11	14 56.76	+25 52.6	0.918	1.788	23.1	21.5
5 21	14 45.22	+27 29.8	0.929	1.757	26.3	21.6
5 31	14 35.59	+27 59.6	0.951	1.725	29.7	21.7
6 10	14 29.21	+27 29.3	0.981	1.692	32.7	21.8

192505 1998 MU_{14} 5 7.9 345.°20 0.°9/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.29	−15 43.0	1.652	2.489	15.5	20.1
4 11	15 21.39	−15 34.8	1.572	2.486	11.9	19.9
4 21	15 14.96	−15 19.8	1.513	2.483	7.8	19.6
5 1	15 6.68	−14 59.9	1.478	2.480	3.2	19.3
5 11	14 57.59	−14 38.5	1.470	2.477	1.9	19.2
5 21	14 48.82	−14 19.5	1.487	2.475	6.5	19.5
5 31	14 41.48	−14 6.8	1.529	2.474	10.9	19.8
6 10	14 36.36	−14 3.8	1.594	2.473	14.7	20.0

152429 2005 UO_{398} 5 7.9 357.°08 1.°2/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.98	−16 58.1	1.518	2.346	17.0	19.2
4 11	15 26.95	−17 51.8	1.437	2.345	13.3	18.9
4 21	15 18.85	−18 41.9	1.378	2.343	8.9	18.6
5 1	15 8.40	−19 26.9	1.343	2.343	4.0	18.4
5 11	14 56.81	−20 6.0	1.334	2.342	1.8	18.2
5 21	14 45.50	−20 39.3	1.351	2.342	6.6	18.5
5 31	14 35.85	−21 9.2	1.394	2.343	11.4	18.8
6 10	14 28.88	−21 39.0	1.459	2.344	15.5	19.0

122443 2000 QX_{131} 5 7.9 234.°31 1.°9/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.24	−23 42.4	2.254	3.050	13.2	20.9
4 11	15 23.20	−23 42.9	2.150	3.036	10.5	20.6
4 21	15 15.96	−23 32.6	2.068	3.022	7.3	20.4
5 1	15 7.08	−23 11.3	2.013	3.008	3.8	20.2
5 11	14 57.41	−22 40.4	1.986	2.992	2.0	20.0
5 21	14 47.89	−22 3.0	1.987	2.976	5.1	20.2
5 31	14 39.48	−21 23.4	2.016	2.960	8.7	20.4
6 10	14 32.91	−20 46.4	2.070	2.943	12.0	20.5

475646 2006 UN_{266} 5 7.9 115.°40 0.°5/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 27.25	−14 56.7	2.315	3.131	12.3	21.4
4 11	15 22.12	−15 7.4	2.232	3.134	9.5	21.2
4 21	15 15.06	−15 14.4	2.173	3.138	6.2	21.0
5 1	15 6.63	−15 18.6	2.140	3.141	2.6	20.8
5 11	14 57.64	−15 21.7	2.136	3.144	1.4	20.7
5 21	14 48.91	−15 25.3	2.161	3.147	5.0	21.0
5 31	14 41.23	−15 31.7	2.213	3.150	8.4	21.2
6 10	14 35.23	−15 42.8	2.290	3.153	11.4	21.4

215239 2001 DG_{15} 5 7.9 108.°68 2.°0/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 31.08	−13 4.1	1.719	2.546	15.4	20.9
4 11	15 25.41	−12 45.0	1.656	2.565	11.8	20.7
4 21	15 17.31	−12 21.2	1.615	2.583	7.6	20.4
5 1	15 7.57	−11 55.8	1.600	2.600	3.4	20.2
5 11	14 57.28	−11 32.4	1.612	2.617	2.8	20.2
5 21	14 47.57	−11 14.6	1.652	2.634	6.8	20.5
5 31	14 39.43	−11 5.9	1.717	2.650	10.7	20.8
6 10	14 33.54	−11 8.1	1.805	2.665	14.1	21.0

65101 2002 CS_{15} 5 7.9 254.°04 8.°8/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.18	+11 38.4	2.470	3.267	12.2	18.6
4 11	15 20.33	+12 29.3	2.401	3.260	10.6	18.4
4 21	15 13.78	+13 8.7	2.355	3.253	9.3	18.3
5 1	15 6.07	+13 31.4	2.333	3.247	8.8	18.3
5 11	14 57.91	+13 33.5	2.336	3.240	9.4	18.3
5 21	14 50.02	+13 13.4	2.365	3.233	10.8	18.4
5 31	14 43.11	+12 31.6	2.416	3.226	12.5	18.5
6 10	14 37.69	+11 30.4	2.487	3.219	14.3	18.6

114440 2003 AB_{14} 5 7.9 54.°75 8.°5/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.22	+ 1 46.9	1.576	2.417	15.9	18.7
4 11	15 21.84	+ 2 51.3	1.522	2.426	12.9	18.5
4 21	15 15.06	+ 3 47.7	1.488	2.435	10.1	18.3
5 1	15 6.64	+ 4 28.7	1.478	2.445	8.6	18.3
5 11	14 57.68	+ 4 48.3	1.492	2.454	9.2	18.3
5 21	14 49.26	+ 4 43.7	1.531	2.464	11.6	18.5
5 31	14 42.34	+ 4 14.8	1.591	2.474	14.5	18.7
6 10	14 37.60	+ 3 24.3	1.671	2.484	17.2	18.9

287325 2002 TJ_{297} 5 7.9 203.°45 0.°3/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 28.46	−19 45.2	2.096	2.906	13.6	22.1
4 11	15 23.35	−19 29.6	2.004	2.902	10.6	21.9
4 21	15 16.02	−19 4.5	1.934	2.897	7.0	21.7
5 1	15 7.09	−18 31.1	1.891	2.891	3.0	21.4
5 11	14 57.45	−17 52.1	1.876	2.885	1.2	21.2
5 21	14 48.08	−17 11.3	1.889	2.878	5.4	21.5
5 31	14 39.92	−16 33.3	1.930	2.870	9.2	21.7
6 10	14 33.68	−16 2.4	1.994	2.862	12.7	21.9

1021 Flammario 5 7.9 178.°64 5.°9/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 25.85	+ 2 17.3	2.701	3.512	10.9	14.5
4 11	15 20.64	+ 3 9.8	2.628	3.515	8.8	14.4
4 21	15 13.89	+ 3 57.3	2.580	3.516	6.9	14.3
5 1	15 6.10	+ 4 35.5	2.559	3.517	6.0	14.2
5 11	14 57.91	+ 5 0.9	2.566	3.517	6.5	14.3
5 21	14 49.99	+ 5 10.9	2.600	3.516	8.2	14.4
5 31	14 42.96	+ 5 4.9	2.660	3.515	10.2	14.5
6 10	14 37.30	+ 4 43.2	2.743	3.513	12.2	14.6

462208 2007 VF_{145} 5 7.9 124.°17 2.°0/ 6.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 29.09	−14 13.4	1.739	2.568	15.2	22.7
4 11	15 23.94	−13 40.0	1.670	2.580	11.6	22.5
4 21	15 16.40	−13 0.1	1.624	2.592	7.5	22.3
5 1	15 7.21	−12 17.1	1.604	2.604	3.3	22.0
5 11	14 57.44	−11 35.6	1.610	2.615	2.8	22.0
5 21	14 48.19	−11 0.1	1.644	2.626	6.8	22.3
5 31	14 40.43	−10 34.8	1.704	2.636	10.8	22.5
6 10	14 34.85	−10 22.3	1.785	2.646	14.2	22.8

14884 1991 PH_{16} 5 7.9 271.°25 5.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.14	−28 27.7	1.475	2.281	18.5	18.0
4 11	15 26.07	−29 3.1	1.382	2.268	15.2	17.7
4 21	15 18.61	−29 22.1	1.307	2.254	11.3	17.4
5 1	15 8.44	−29 20.9	1.255	2.240	7.3	17.2
5 11	14 56.82	−28 58.5	1.227	2.225	5.3	17.0
5 21	14 45.38	−28 17.6	1.224	2.211	7.8	17.1
5 31	14 35.70	−27 25.3	1.244	2.197	12.1	17.3
6 10	14 29.00	−26 31.0	1.286	2.182	16.4	17.5

249595 1997 GH_{28} 5 7.9 88.°28 4.°6/10.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 44.08	−27 55.1	1.326	2.119	20.9	20.9
4 11	15 36.02	−28 22.0	1.281	2.160	16.6	20.7
4 21	15 24.40	−28 28.8	1.255	2.201	11.8	20.5
5 1	15 10.49	−28 12.8	1.253	2.240	7.0	20.4
5 11	14 56.11	−27 36.0	1.277	2.277	4.6	20.3
5 21	14 43.05	−26 44.8	1.327	2.314	7.4	20.6
5 31	14 32.67	−25 48.5	1.402	2.349	11.5	20.9
6 10	14 25.70	−24 56.1	1.500	2.382	15.3	21.2

376494 2012 KJ_{21} 5 7.9 280.°24 2.°6/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 24.27	−14 11.4	1.714	2.553	14.9	21.4
4 11	15 20.59	−13 16.1	1.622	2.538	11.5	21.2
4 21	15 14.46	−12 11.2	1.551	2.522	7.5	20.9
5 1	15 6.52	−11 1.0	1.506	2.506	3.6	20.6
5 11	14 57.72	− 9 51.5	1.488	2.491	3.5	20.6
5 21	14 49.16	− 8 49.4	1.496	2.475	7.6	20.8
5 31	14 41.90	− 8 0.4	1.528	2.459	11.9	21.0
6 10	14 36.75	− 7 28.7	1.582	2.443	15.7	21.2

118980 2000 XC_{11} 5 7.9 196.°92 7.°9/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 30.53	−42 41.2	2.176	2.887	16.1	19.5
4 11	15 25.41	−42 55.2	2.082	2.885	14.1	19.3
4 21	15 17.57	−42 46.5	2.006	2.883	11.7	19.1
5 1	15 7.77	−42 11.2	1.952	2.881	9.5	19.0
5 11	14 57.20	−41 8.6	1.923	2.878	8.0	18.9
5 21	14 47.10	−39 42.0	1.920	2.875	8.2	18.9
5 31	14 38.64	−37 58.3	1.944	2.872	9.9	19.0
6 10	14 32.60	−36 6.9	1.992	2.868	12.3	19.1

62056 2000 RS_{69} 5 7.9 244.°52 2.°9/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 22.15	−10 43.4	2.398	3.228	11.5	19.3
4 11	15 18.14	− 9 51.6	2.311	3.221	8.8	19.2
4 21	15 12.44	− 8 55.9	2.248	3.215	5.9	19.0
5 1	15 5.55	− 7 59.9	2.212	3.208	3.3	18.8
5 11	14 58.17	− 7 7.8	2.204	3.201	3.5	18.8
5 21	14 51.02	− 6 23.6	2.225	3.194	6.3	18.9
5 31	14 44.79	− 5 50.6	2.272	3.187	9.3	19.1
6 10	14 40.04	− 5 30.8	2.342	3.180	12.1	19.3

300015 2006 UQ_{73} 5 7.9 132.°58 2.°6/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	15 26.14	−26 9.5	2.476	3.262	12.5	21.1
4 11	15 21.28	−26 20.1	2.391	3.268	9.9	20.9
4 21	15 14.52	−26 20.0	2.328	3.275	7.0	20.7
5 1	15 6.42	−26 8.8	2.292	3.280	4.1	20.6
5 11	14 57.79	−25 47.7	2.284	3.286	2.6	20.5
5 21	14 49.44	−25 19.0	2.304	3.292	4.6	20.6
5 31	14 42.16	−24 46.6	2.352	3.297	7.6	20.8
6 10	14 36.54	−24 14.6	2.425	3.302	10.4	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
140879	2001 VE_{20}		5 7.9	213.°59	0.°5/ 8.4	17
	h m	° ′			°	m
4 1	15 24.64	−20 3.4	2.620	3.424	11.4	20.9
4 11	15 20.00	−19 51.7	2.524	3.418	8.8	20.7
4 21	15 13.64	−19 32.4	2.452	3.413	5.8	20.5
5 1	15 6.06	−19 6.4	2.407	3.406	2.6	20.2
5 11	14 57.95	−18 35.8	2.391	3.400	1.0	20.1
5 21	14 50.04	−18 3.4	2.404	3.393	4.4	20.3
5 31	14 43.03	−17 32.5	2.445	3.385	7.6	20.5
6 10	14 37.51	−17 6.3	2.511	3.378	10.4	20.7
1830	Pogson		5 7.9	95.°64	3.°2/ 6.2	18
4 1	15 28.33	−12 42.2	1.339	2.188	17.7	15.7
4 11	15 24.06	−11 58.0	1.274	2.194	13.6	15.5
4 21	15 16.82	−11 6.8	1.229	2.201	8.9	15.2
5 1	15 7.48	−10 13.6	1.207	2.207	4.4	15.0
5 11	14 57.35	− 9 25.1	1.210	2.213	4.2	15.0
5 21	14 47.81	− 8 47.4	1.239	2.220	8.6	15.2
5 31	14 40.10	− 8 25.5	1.290	2.226	13.2	15.5
6 10	14 35.03	− 8 21.6	1.361	2.232	17.2	15.8
297056	2010 HA_{109}		5 7.9	280.°25	1.°7/ 5.3	15
4 1	15 15.52	−10 2.8	4.456	5.276	6.8	21.5
4 11	15 12.36	− 9 23.8	4.360	5.266	5.1	21.3
4 21	15 8.35	− 8 43.3	4.291	5.256	3.4	21.2
5 1	15 3.77	− 8 2.9	4.251	5.246	1.9	21.1
5 11	14 58.96	− 7 24.8	4.241	5.236	2.1	21.1
5 21	14 54.24	− 6 50.8	4.260	5.226	3.7	21.2
5 31	14 49.97	− 6 22.4	4.308	5.216	5.4	21.3
6 10	14 46.43	− 6 1.0	4.381	5.207	7.1	21.4
468703	2009 YO_{25}		5 7.9	170.°62	5.°3/ 3.8	17
4 1	15 26.21	− 1 52.4	2.363	3.185	11.9	21.7
4 11	15 21.14	− 1 2.3	2.290	3.189	9.4	21.5
4 21	15 14.32	− 0 15.0	2.241	3.192	7.0	21.4
5 1	15 6.31	+ 0 24.9	2.219	3.195	5.4	21.3
5 11	14 57.86	+ 0 53.5	2.225	3.197	5.9	21.3
5 21	14 49.71	+ 1 7.8	2.259	3.198	8.0	21.5
5 31	14 42.59	+ 1 6.5	2.318	3.199	10.6	21.6
6 10	14 37.02	+ 0 49.6	2.399	3.200	12.9	21.8
128525	2004 PD_{48}		5 7.9	149.°45	7.°8/ 2.0	18
4 1	15 25.40	+ 2 14.0	1.977	2.806	13.6	20.0
4 11	15 20.81	+ 3 30.9	1.915	2.811	11.1	19.8
4 21	15 14.23	+ 4 41.9	1.875	2.815	8.9	19.7
5 1	15 6.30	+ 5 40.1	1.861	2.819	7.8	19.7
5 11	14 57.87	+ 6 20.0	1.873	2.823	8.5	19.7
5 21	14 49.84	+ 6 38.1	1.910	2.827	10.6	19.8
5 31	14 43.00	+ 6 33.4	1.970	2.830	13.1	20.0
6 10	14 37.96	+ 6 7.4	2.050	2.833	15.4	20.2
417778	2007 EE_{21}		5 7.9	59.°07	4.°4/10.3	17
4 1	15 30.88	−27 6.9	1.575	2.379	17.6	21.2
4 11	15 25.87	−27 45.7	1.513	2.398	14.1	21.0
4 21	15 17.93	−28 9.4	1.470	2.418	10.2	20.8
5 1	15 7.93	−28 15.5	1.451	2.437	6.3	20.6
5 11	14 57.18	−28 4.6	1.458	2.457	4.4	20.6
5 21	14 47.04	−27 40.1	1.490	2.477	6.7	20.7
5 31	14 38.74	−27 7.9	1.547	2.497	10.4	21.0
6 10	14 33.09	−26 35.0	1.627	2.517	13.9	21.3
366829	2005 JZ_{129}		5 7.9	277.°84	2.°0/ 6.8	17
4 1	15 26.90	−14 5.7	1.656	2.493	15.5	21.1
4 11	15 22.83	−13 40.6	1.559	2.473	12.0	20.9
4 21	15 16.09	−13 8.2	1.484	2.454	7.9	20.6
5 1	15 7.27	−12 31.4	1.433	2.434	3.5	20.3
5 11	14 57.41	−11 54.5	1.408	2.414	2.9	20.2
5 21	14 47.68	−11 22.5	1.410	2.394	7.4	20.4
5 31	14 39.29	−11 0.3	1.436	2.373	12.0	20.6
6 10	14 33.17	−10 51.5	1.483	2.353	16.1	20.8
279312	2009 WF_{259}		5 7.9	152.°51	3.°3/ 5.8	18
4 1	15 25.36	− 9 57.4	1.913	2.748	13.8	20.6
4 11	15 20.99	− 9 23.5	1.836	2.748	10.6	20.4
4 21	15 14.47	− 8 47.0	1.781	2.749	7.0	20.2
5 1	15 6.45	− 8 11.5	1.753	2.749	3.9	20.0
5 11	14 57.82	− 7 41.4	1.751	2.750	3.9	20.0
5 21	14 49.52	− 7 20.4	1.777	2.750	7.2	20.2
5 31	14 42.45	− 7 11.5	1.827	2.751	10.7	20.4
6 10	14 37.28	− 7 16.1	1.900	2.751	13.9	20.6
336492	2008 WB_{11}		5 7.9	268.°48	0.°6/ 8.4	17
4 1	15 24.47	−21 15.2	1.962	2.780	14.1	20.9
4 11	15 20.42	−20 49.6	1.875	2.777	11.0	20.7
4 21	15 14.17	−20 12.2	1.810	2.774	7.3	20.4
5 1	15 6.34	−19 24.7	1.771	2.770	3.2	20.2
5 11	14 57.86	−18 30.6	1.758	2.767	1.3	20.0
5 21	14 49.69	−17 34.6	1.773	2.764	5.4	20.3
5 31	14 42.76	−16 42.2	1.815	2.761	9.4	20.5
6 10	14 37.77	−15 58.1	1.880	2.757	12.9	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
264201	2010 NO_9		5 7.9	308.°46	0.°5/ 8.3	18
	h m	° ′			°	m
4 1	15 25.76	−17 57.6	2.053	2.873	13.5	20.5
4 11	15 21.56	−18 13.5	1.947	2.850	10.6	20.3
4 21	15 15.07	−18 23.8	1.863	2.828	7.1	20.0
5 1	15 6.81	−18 28.6	1.805	2.806	3.1	19.7
5 11	14 57.62	−18 29.2	1.775	2.784	1.3	19.5
5 21	14 48.48	−18 27.5	1.772	2.762	5.5	19.8
5 31	14 40.39	−18 26.6	1.795	2.741	9.5	20.0
6 10	14 34.17	−18 29.5	1.842	2.719	13.1	20.2
439428	2013 EG_{77}		5 7.9	140.°13	2.°5/ 5.7	16
4 1	15 21.77	−10 24.6	2.619	3.445	10.7	21.7
4 11	15 17.67	− 9 48.1	2.539	3.447	8.2	21.5
4 21	15 12.04	− 9 9.1	2.483	3.449	5.4	21.3
5 1	15 5.38	− 8 30.6	2.455	3.451	3.0	21.1
5 11	14 58.31	− 7 55.9	2.455	3.453	3.1	21.2
5 21	14 51.48	− 7 27.8	2.484	3.455	5.6	21.3
5 31	14 45.52	− 7 8.8	2.539	3.456	8.4	21.5
6 10	14 40.90	− 7 0.4	2.618	3.458	10.9	21.7
204183	2004 BL_{53}		5 7.9	158.°04	0.°8/ 7.3	18
4 1	15 25.19	−16 5.3	2.597	3.409	11.2	21.9
4 11	15 20.29	−15 39.4	2.515	3.416	8.6	21.8
4 21	15 13.75	−15 7.9	2.457	3.422	5.6	21.6
5 1	15 6.09	−14 32.5	2.426	3.427	2.3	21.4
5 11	14 58.00	−13 56.2	2.425	3.432	1.5	21.3
5 21	14 50.20	−13 22.1	2.454	3.437	4.7	21.5
5 31	14 43.35	−12 53.2	2.510	3.441	7.8	21.7
6 10	14 37.97	−12 32.0	2.590	3.445	10.5	21.9
498512	2008 DM_{60}		5 7.9	144.°15	5.°3/ 2.3	18
4 1	15 22.58	+ 0 59.8	2.966	3.782	9.9	22.4
4 11	15 18.00	+ 2 2.3	2.902	3.793	7.9	22.3
4 21	15 12.11	+ 3 0.9	2.864	3.803	6.2	22.2
5 1	15 5.37	+ 3 51.7	2.853	3.813	5.3	22.1
5 11	14 58.33	+ 4 31.0	2.871	3.823	5.8	22.2
5 21	14 51.56	+ 4 56.5	2.916	3.832	7.4	22.3
5 31	14 45.58	+ 5 7.0	2.987	3.840	9.3	22.4
6 10	14 40.80	+ 5 2.8	3.080	3.848	11.1	22.6
292059	2006 RR_9		5 7.9	156.°01	3.°3/ 4.9	18
4 1	15 22.92	− 8 52.4	2.447	3.275	11.3	20.7
4 11	15 18.62	− 7 58.7	2.370	3.279	8.7	20.5
4 21	15 12.69	− 7 2.7	2.318	3.282	5.9	20.4
5 1	15 5.66	− 6 8.3	2.293	3.286	3.6	20.2
5 11	14 58.21	− 5 19.7	2.297	3.289	4.0	20.3
5 21	14 51.05	− 4 40.5	2.328	3.292	6.4	20.4
5 31	14 44.83	− 4 13.5	2.387	3.294	9.2	20.6
6 10	14 40.06	− 3 59.9	2.468	3.297	11.8	20.8
438631	2008 AL_{91}		5 7.9	114.°25	6.°9/ 2.7	17
4 1	15 24.50	+ 3 30.7	2.311	3.132	12.2	21.4
4 11	15 19.86	+ 4 18.6	2.246	3.136	10.0	21.3
4 21	15 13.51	+ 4 59.6	2.204	3.140	8.0	21.2
5 1	15 6.00	+ 5 28.6	2.187	3.144	6.9	21.1
5 11	14 58.07	+ 5 41.9	2.198	3.148	7.4	21.1
5 21	14 50.46	+ 5 37.5	2.234	3.152	9.2	21.3
5 31	14 43.87	+ 5 14.8	2.294	3.156	11.4	21.4
6 10	14 38.83	+ 4 35.3	2.376	3.160	13.5	21.6
284303	2006 PY_{12}		5 7.9	250.°02	4.°2/11.2	18
4 1	15 26.34	−31 2.7	2.327	3.098	13.6	20.7
4 11	15 21.81	−31 13.6	2.226	3.088	11.2	20.5
4 21	15 15.10	−31 10.0	2.146	3.077	8.4	20.3
5 1	15 6.77	−30 50.6	2.091	3.066	5.7	20.1
5 11	14 57.70	−30 15.6	2.062	3.055	4.2	20.0
5 21	14 48.84	−29 28.0	2.062	3.044	5.6	20.0
5 31	14 41.11	−28 32.4	2.089	3.033	8.4	20.2
6 10	14 35.26	−27 34.7	2.140	3.021	11.4	20.4
461637	2005 EE_{208}		5 7.9	16.°46	1.°9/ 7.0	17
4 1	15 24.24	−15 3.1	1.206	2.065	18.6	20.9
4 11	15 21.27	−14 37.5	1.142	2.069	14.3	20.7
4 21	15 15.20	−14 3.0	1.098	2.073	9.3	20.4
5 1	15 6.89	−13 23.4	1.076	2.078	4.0	20.1
5 11	14 57.69	−12 44.5	1.077	2.084	3.0	20.1
5 21	14 49.07	−12 12.6	1.102	2.091	8.1	20.4
5 31	14 42.33	−11 53.1	1.149	2.099	13.1	20.7
6 10	14 38.35	−11 49.2	1.216	2.107	17.5	21.0
353428	2011 QN_{44}		5 7.9	227.°07	4.°2/11.4	18
4 1	15 26.39	−31 29.0	2.432	3.198	13.2	21.4
4 11	15 21.73	−31 42.0	2.334	3.193	10.9	21.2
4 21	15 14.97	−31 40.9	2.258	3.187	8.2	21.1
5 1	15 6.70	−31 24.4	2.207	3.180	5.6	20.9
5 11	14 57.75	−30 52.9	2.183	3.174	4.2	20.8
5 21	14 49.03	−30 9.0	2.187	3.167	5.5	20.8
5 31	14 41.42	−29 17.1	2.218	3.160	8.1	21.0
6 10	14 35.61	−28 22.9	2.274	3.153	10.9	21.2

242683 2005 SS_{246} 5 7.9 114.°47 1.°8/ 9.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 25.31	−23 35.2	2.582	3.376	11.8	20.6
4 11	15 20.52	−23 42.0	2.499	3.384	9.3	20.5
4 21	15 13.98	−23 39.9	2.440	3.392	6.4	20.3
5 1	15 6.22	−23 29.0	2.407	3.400	3.4	20.1
5 11	14 57.98	−23 10.7	2.403	3.408	1.9	20.0
5 21	14 50.02	−22 47.3	2.427	3.416	4.3	20.2
5 31	14 43.04	−22 22.0	2.480	3.424	7.3	20.4
6 10	14 37.62	−21 58.4	2.557	3.431	10.0	20.6

291467 2006 DS_{73} 5 7.9 127.°17 4.°1/ 5.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 29.70	− 9 47.4	1.647	2.482	15.6	21.1
4 11	15 24.46	− 8 50.8	1.584	2.496	12.0	20.9
4 21	15 16.76	− 7 50.7	1.543	2.510	8.0	20.7
5 1	15 7.41	− 6 52.5	1.527	2.522	4.6	20.5
5 11	14 57.50	− 6 2.2	1.539	2.534	4.9	20.6
5 21	14 48.15	− 5 24.9	1.576	2.546	8.3	20.8
5 31	14 40.37	− 5 4.2	1.639	2.557	12.1	21.0
6 10	14 34.83	− 5 1.0	1.723	2.567	15.4	21.3

349895 2009 ED_{30} 5 7.9 108.°56 0.°5/ 7.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 26.35	−15 42.0	2.239	3.057	12.6	20.6
4 11	15 21.49	−15 41.7	2.159	3.063	9.7	20.4
4 21	15 14.70	−15 36.4	2.103	3.068	6.3	20.2
5 1	15 6.55	−15 27.6	2.073	3.074	2.6	20.0
5 11	14 57.85	−15 17.3	2.071	3.079	1.4	19.9
5 21	14 49.45	−15 8.0	2.097	3.084	5.1	20.2
5 31	14 42.14	−15 2.3	2.151	3.089	8.6	20.4
6 10	14 36.55	−15 2.6	2.229	3.094	11.6	20.6

289029 2004 TZ_{123} 5 7.9 174.°82 0.°4/ 8.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 27.50	−19 54.7	2.537	3.338	11.8	22.3
4 11	15 22.18	−19 42.3	2.448	3.341	9.1	22.1
4 21	15 15.07	−19 22.1	2.383	3.343	6.0	21.9
5 1	15 6.69	−18 55.1	2.346	3.345	2.6	21.7
5 11	14 57.80	−18 23.4	2.338	3.346	1.0	21.5
5 21	14 49.19	−17 50.1	2.359	3.347	4.5	21.8
5 31	14 41.58	−17 18.5	2.408	3.347	7.8	22.0
6 10	14 35.56	−16 52.0	2.483	3.346	10.6	22.2

403246 2008 XT 5 7.9 167.°06 1.°3/ 8.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 33.12	−20 50.3	1.777	2.586	15.7	21.8
4 11	15 27.33	−20 58.9	1.696	2.591	12.3	21.6
4 21	15 18.83	−20 57.4	1.636	2.595	8.3	21.3
5 1	15 8.37	−20 45.8	1.601	2.599	3.9	21.1
5 11	14 57.07	−20 25.6	1.594	2.602	1.7	20.9
5 21	14 46.17	−20 0.5	1.614	2.604	5.9	21.2
5 31	14 36.82	−19 35.1	1.662	2.606	10.2	21.4
6 10	14 29.86	−19 14.4	1.732	2.606	13.9	21.7

364645 2007 TV_{145} 5 7.9 165.°74 1.°1/ 8.6 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 30.70	−21 13.1	1.871	2.680	15.0	22.1
4 11	15 25.29	−21 7.3	1.789	2.685	11.8	21.9
4 21	15 17.41	−20 50.7	1.729	2.690	7.9	21.7
5 1	15 7.74	−20 23.8	1.695	2.693	3.6	21.4
5 11	14 57.35	−19 49.2	1.688	2.696	1.5	21.3
5 21	14 47.35	−19 10.7	1.709	2.699	5.6	21.6
5 31	14 38.80	−18 33.7	1.757	2.701	9.7	21.8
6 10	14 32.44	−18 2.8	1.828	2.702	13.4	22.0

480770 2016 PX_6 5 7.9 221.°91 2.°9/ 5.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.06	− 9 15.6	2.477	3.302	11.3	21.9
4 11	15 19.57	− 8 41.5	2.388	3.295	8.7	21.7
4 21	15 13.38	− 8 5.3	2.324	3.289	5.8	21.5
5 1	15 6.00	− 7 30.3	2.287	3.282	3.3	21.3
5 11	14 58.10	− 6 59.7	2.278	3.275	3.5	21.3
5 21	14 50.42	− 6 36.7	2.298	3.267	6.1	21.5
5 31	14 43.65	− 6 23.8	2.345	3.259	9.1	21.6
6 10	14 38.34	− 6 22.3	2.415	3.251	11.8	21.8

493314 2014 UH_{191} 5 7.9 274.°79 0.°6/ 8.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 28.05	−20 15.1	1.514	2.344	17.0	21.5
4 11	15 24.15	−20 3.4	1.416	2.324	13.4	21.2
4 21	15 17.21	−19 38.7	1.337	2.303	9.0	20.8
5 1	15 7.86	−19 1.7	1.282	2.283	4.0	20.5
5 11	14 57.24	−18 15.4	1.253	2.261	1.6	20.3
5 21	14 46.74	−17 25.2	1.249	2.240	7.0	20.6
5 31	14 37.76	−16 38.0	1.269	2.218	12.2	20.8
6 10	14 31.38	−16 0.6	1.311	2.197	16.8	21.0

1960 Guisan 5 7.9 312.°18 2.°9/ 9.3 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 28.39	−22 38.6	1.555	2.377	17.0	15.7
4 11	15 24.37	−23 16.1	1.465	2.365	13.6	15.4
4 21	15 17.33	−23 43.7	1.394	2.353	9.5	15.1
5 1	15 7.90	−23 59.4	1.347	2.342	5.1	14.9
5 11	14 57.23	−24 3.0	1.325	2.330	3.1	14.7
5 21	14 46.72	−23 56.6	1.328	2.319	6.7	14.9
5 31	14 37.77	−23 44.6	1.356	2.309	11.3	15.1
6 10	14 31.42	−23 32.8	1.406	2.299	15.4	15.3

472066 2013 YZ_{80} 5 7.9 315.°46 9.°0/ 2.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 25.09	+ 5 27.1	1.829	2.658	14.5	20.4
4 11	15 20.92	+ 6 23.4	1.755	2.647	12.2	20.2
4 21	15 14.53	+ 7 10.4	1.703	2.637	10.1	20.0
5 1	15 6.54	+ 7 41.1	1.675	2.627	9.0	19.9
5 11	14 57.88	+ 7 50.0	1.672	2.617	9.7	19.9
5 21	14 49.52	+ 7 34.3	1.692	2.608	11.8	20.0
5 31	14 42.38	+ 6 53.7	1.735	2.599	14.3	20.2
6 10	14 37.18	+ 5 51.0	1.797	2.590	16.9	20.3

29164 1989 UA 5 7.9 172.°33 0.°2/ 8.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 30.37	−17 39.9	1.976	2.790	14.2	17.9
4 11	15 24.93	−17 50.8	1.892	2.792	11.0	17.7
4 21	15 17.14	−17 55.4	1.830	2.793	7.3	17.5
5 1	15 7.64	−17 54.0	1.795	2.795	3.1	17.2
5 11	14 57.40	−17 48.3	1.787	2.796	1.3	17.1
5 21	14 47.46	−17 40.7	1.808	2.796	5.5	17.4
5 31	14 38.83	−17 34.6	1.855	2.797	9.5	17.6
6 10	14 32.24	−17 33.2	1.926	2.797	12.9	17.8

227513 2005 YR_{30} 5 7.9 79.°31 4.°9/11.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 29.07	−33 13.0	1.868	2.641	16.4	20.0
4 11	15 24.05	−33 7.3	1.802	2.663	13.4	19.9
4 21	15 16.51	−32 41.5	1.755	2.685	10.1	19.7
5 1	15 7.31	−31 54.6	1.732	2.706	6.8	19.6
5 11	14 57.59	−30 49.1	1.735	2.728	4.9	19.5
5 21	14 48.54	−29 30.3	1.766	2.749	6.2	19.6
5 31	14 41.14	−28 6.0	1.822	2.770	9.2	19.8
6 10	14 36.06	−26 44.0	1.903	2.791	12.3	20.1

477623 2010 LU_{55} 5 7.9 269.°04 0.°3/ 7.7 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 23.70	−17 37.6	2.543	3.356	11.4	22.2
4 11	15 19.44	−17 19.6	2.436	3.337	8.8	21.9
4 21	15 13.40	−16 54.7	2.353	3.318	5.8	21.7
5 1	15 6.05	−16 24.4	2.297	3.298	2.4	21.5
5 11	14 58.08	−15 51.0	2.270	3.278	1.2	21.3
5 21	14 50.23	−15 17.7	2.271	3.258	4.7	21.6
5 31	14 43.23	−14 47.8	2.300	3.237	8.1	21.7
6 10	14 37.71	−14 24.5	2.353	3.217	11.1	21.9

101631 1999 CM_{29} 5 7.9 97.°76 1.°8/ 9.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 28.78	−22 58.3	1.772	2.583	15.7	19.7
4 11	15 23.90	−22 58.9	1.699	2.595	12.3	19.5
4 21	15 16.50	−22 47.2	1.649	2.607	8.3	19.2
5 1	15 7.36	−22 23.6	1.622	2.619	4.2	19.0
5 11	14 57.56	−21 50.3	1.623	2.630	2.0	18.9
5 21	14 48.24	−21 11.7	1.651	2.642	5.7	19.2
5 31	14 40.45	−20 33.0	1.704	2.653	9.7	19.4
6 10	14 34.91	−19 59.6	1.781	2.664	13.2	19.7

433357 2013 RM_{93} 5 7.9 205.°00 4.°3/ 4.0 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 25.36	− 7 35.8	2.323	3.149	11.9	22.3
4 11	15 20.64	− 6 18.4	2.238	3.144	9.3	22.2
4 21	15 14.10	− 4 57.7	2.177	3.138	6.5	22.0
5 1	15 6.31	− 3 38.9	2.144	3.131	4.5	21.8
5 11	14 58.00	− 2 27.4	2.140	3.123	5.1	21.8
5 21	14 49.95	− 1 28.2	2.164	3.115	7.6	22.0
5 31	14 42.89	− 0 44.8	2.214	3.107	10.5	22.2
6 10	14 37.41	− 0 18.8	2.287	3.097	13.2	22.3

373572 2001 YA_7 5 7.9 248.°40 2.°6/ 9.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 29.08	−25 0.1	2.097	2.891	14.1	21.5
4 11	15 24.14	−25 9.9	1.991	2.875	11.3	21.3
4 21	15 16.79	−25 8.2	1.907	2.857	8.0	21.0
5 1	15 7.57	−24 53.8	1.848	2.840	4.5	20.8
5 11	14 57.42	−24 27.7	1.817	2.821	2.7	20.6
5 21	14 47.38	−23 52.5	1.814	2.802	5.5	20.8
5 31	14 38.51	−23 12.9	1.837	2.783	9.3	21.0
6 10	14 31.67	−22 34.6	1.885	2.763	12.8	21.1

296194 2009 BA_{183} 5 7.9 307.°54 0.°7/ 8.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 24.56	−20 12.7	2.004	2.822	13.8	20.9
4 11	15 20.53	−20 6.2	1.914	2.816	10.8	20.6
4 21	15 14.29	−19 50.4	1.846	2.810	7.2	20.4
5 1	15 6.46	−19 26.2	1.804	2.804	3.2	20.1
5 11	14 57.92	−18 55.9	1.789	2.798	1.3	20.0
5 21	14 49.63	−18 23.2	1.801	2.792	5.3	20.2
5 31	14 42.51	−17 52.4	1.839	2.786	9.2	20.5
6 10	14 37.30	−17 27.6	1.901	2.780	12.7	20.7

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2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
4 1	15 5.24	− 8 43.1	20.799	21.618	1.5	22.1
4 11	15 4.12	− 8 31.9	20.737	21.641	1.2	22.0
4 21	15 2.86	− 8 20.6	20.701	21.665	0.8	22.0
5 1	15 1.49	− 8 9.7	20.695	21.689	0.4	22.0
5 11	15 0.09	− 7 59.3	20.718	21.712	0.5	22.0
5 21	14 58.72	− 7 49.8	20.770	21.736	0.8	22.0
5 31	14 57.42	− 7 41.3	20.851	21.759	1.2	22.1
6 10	14 56.25	− 7 34.1	20.957	21.783	1.6	22.1