2020	α_{2000}	δ_{2000}	Δ	r	β	V
109352	2001 QR_{153}		7 29.9	295.°58	0.°7/29.7	18
	h m	° ′			°	m
6 20	21 6.01	−19 46.2	1.568	2.402	17.2	19.3
6 30	21 2.65	−19 45.2	1.477	2.388	13.8	19.0
7 10	20 56.41	−19 51.4	1.405	2.374	9.7	18.7
7 20	20 47.76	−20 1.6	1.356	2.360	5.0	18.4
7 30	20 37.64	−20 11.7	1.331	2.346	0.7	18.1
8 9	20 27.34	−20 17.8	1.332	2.333	5.4	18.4
8 19	20 18.18	−20 17.1	1.358	2.319	10.3	18.6
8 29	20 11.34	−20 8.5	1.407	2.306	14.6	18.9
438265	2005 XE_{25}		7 29.9	221.°54	4.°6/ 2.1	18
6 20	21 2.69	− 3 27.9	2.814	3.559	12.5	21.1
6 30	20 58.43	− 2 51.6	2.711	3.551	10.6	21.0
7 10	20 52.57	− 2 25.7	2.629	3.543	8.3	20.8
7 20	20 45.47	− 2 11.0	2.572	3.535	6.1	20.7
7 30	20 37.65	− 2 7.7	2.541	3.527	4.7	20.6
8 9	20 29.73	− 2 14.9	2.539	3.518	5.0	20.6
8 19	20 22.36	− 2 30.7	2.565	3.509	7.0	20.7
8 29	20 16.14	− 2 52.7	2.617	3.500	9.3	20.8
50090	2000 AN_{96}		7 29.9	129.°26	1.°3/30.9	17
6 20	21 4.87	−10 26.8	1.859	2.658	16.2	19.3
6 30	21 0.95	−11 11.6	1.782	2.669	13.1	19.2
7 10	20 54.74	−12 12.5	1.726	2.681	9.3	18.9
7 20	20 46.70	−13 26.4	1.693	2.691	5.1	18.7
7 30	20 37.64	−14 48.0	1.688	2.702	1.4	18.5
8 9	20 28.57	−16 11.0	1.710	2.712	4.3	18.7
8 19	20 20.48	−17 29.4	1.760	2.721	8.3	19.0
8 29	20 14.24	−18 38.5	1.835	2.730	12.0	19.2
361073	2006 AQ_{47}		7 29.9	299.°37	0.°4/29.6	18
6 20	20 59.56	−15 17.5	2.270	3.082	13.3	20.8
6 30	20 56.53	−16 12.5	2.176	3.075	10.5	20.6
7 10	20 51.59	−17 19.2	2.104	3.067	7.3	20.4
7 20	20 45.09	−18 34.1	2.057	3.060	3.7	20.1
7 30	20 37.65	−19 52.4	2.038	3.053	0.5	19.9
8 9	20 30.06	−21 8.8	2.047	3.046	4.0	20.1
8 19	20 23.14	−22 18.5	2.084	3.039	7.7	20.4
8 29	20 17.65	−23 18.0	2.146	3.032	10.9	20.6
122319	2000 QQ_{13}		7 29.9	200.°85	4.°8/28.4	18
6 20	21 17.90	−32 2.2	1.881	2.694	15.6	18.7
6 30	21 11.48	−32 3.8	1.798	2.693	12.6	18.5
7 10	21 2.11	−32 0.9	1.736	2.691	9.2	18.3
7 20	20 50.46	−31 48.1	1.698	2.689	6.0	18.1
7 30	20 37.65	−31 20.4	1.687	2.687	4.8	18.0
8 9	20 25.07	−30 36.0	1.705	2.684	7.0	18.1
8 19	20 14.00	−29 36.3	1.749	2.681	10.4	18.3
8 29	20 5.45	−28 25.1	1.817	2.678	13.7	18.5
264953	2002 XY_{17}		7 29.9	211.°33	0.°3/30.2	17
6 20	21 6.35	−15 57.7	1.959	2.769	15.2	21.8
6 30	21 2.18	−16 12.7	1.868	2.764	12.1	21.6
7 10	20 55.66	−16 37.4	1.797	2.758	8.5	21.4
7 20	20 47.23	−17 9.2	1.750	2.751	4.4	21.1
7 30	20 37.67	−17 44.4	1.729	2.745	0.3	20.8
8 9	20 27.98	−18 18.7	1.737	2.737	4.3	21.1
8 19	20 19.20	−18 48.7	1.771	2.729	8.5	21.3
8 29	20 12.25	−19 12.0	1.830	2.721	12.2	21.5
444650	2007 BL_{13}		7 30.0	141.°17	1.°4/29.0	18
6 30	20 59.47	−21 56.4	2.360	3.260	9.8	21.9
7 10	20 53.42	−22 20.8	2.300	3.264	6.7	21.7
7 20	20 45.94	−22 46.3	2.266	3.268	3.5	21.5
7 30	20 37.68	−23 9.6	2.259	3.272	1.4	21.3
8 9	20 29.44	−23 27.7	2.281	3.276	4.1	21.5
8 19	20 22.00	−23 38.8	2.330	3.279	7.3	21.7
8 29	20 16.04	−23 41.8	2.404	3.282	10.2	21.9
9 8	20 12.03	−23 37.1	2.501	3.285	12.7	22.1
244497	2002 TZ_{80}		7 30.0	313.°76	3.°5/ 1.1	18
6 30	20 56.60	− 7 52.6	1.587	2.476	14.3	19.7
7 10	20 52.20	− 8 16.1	1.494	2.445	10.8	19.4
7 20	20 45.67	− 8 58.1	1.423	2.415	6.8	19.1
7 30	20 37.68	− 9 56.9	1.376	2.384	3.6	18.8
8 9	20 29.24	−11 7.9	1.354	2.354	5.3	18.9
8 19	20 21.49	−12 24.8	1.357	2.325	9.6	19.0
8 29	20 15.56	−13 40.9	1.384	2.296	14.0	19.2
9 8	20 12.29	−14 50.5	1.430	2.267	17.9	19.4
123609	2000 YJ_{13}		7 30.0	351.°26	7.°4/25.4	18
6 30	20 52.83	−30 3.2	1.154	2.091	14.5	17.3
7 10	20 50.13	−31 35.4	1.099	2.075	10.8	17.1
7 20	20 44.74	−33 4.7	1.066	2.061	7.9	16.9
7 30	20 37.69	−34 19.9	1.054	2.049	7.8	16.8
8 9	20 30.46	−35 11.5	1.064	2.040	10.7	17.0
8 19	20 24.61	−35 34.6	1.094	2.032	14.6	17.2
8 29	20 21.45	−35 29.2	1.142	2.027	18.4	17.4
9 8	20 21.72	−34 58.7	1.206	2.025	21.7	17.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
64938	2001 YH_{116}		7 30.0	98.°84	0.°3/30.2	18 R
	h m	° ′			°	m
6 30	20 58.83	−16 7.5	2.257	3.150	10.4	19.4
7 10	20 52.96	−16 30.6	2.203	3.163	7.3	19.2
7 20	20 45.69	−16 59.1	2.175	3.176	3.8	19.0
7 30	20 37.70	−17 30.0	2.173	3.189	0.3	18.8
8 9	20 29.76	−18 0.1	2.201	3.201	3.6	19.1
8 19	20 22.64	−18 26.8	2.255	3.213	7.0	19.3
8 29	20 17.00	−18 48.0	2.336	3.225	10.0	19.5
9 8	20 13.28	−19 2.8	2.438	3.237	12.5	19.7
473254	2015 MQ_{19}		7 30.0	163.°58	2.°8/28.4	17
6 30	21 3.03	−24 57.0	1.934	2.839	11.4	21.4
7 10	20 56.18	−25 32.3	1.877	2.842	7.9	21.2
7 20	20 47.46	−26 6.6	1.844	2.845	4.5	21.0
7 30	20 37.72	−26 35.0	1.839	2.847	2.9	20.9
8 9	20 28.00	−26 53.6	1.860	2.850	5.5	21.1
8 19	20 19.33	−27 0.4	1.909	2.851	9.0	21.3
8 29	20 12.59	−26 55.3	1.981	2.853	12.3	21.5
9 8	20 8.32	−26 39.5	2.073	2.854	15.0	21.7
508536	2016 SM		7 30.0	278.°73	0.°2/29.8	18
6 30	21 0.74	−12 38.5	1.842	2.732	12.6	20.5
7 10	20 55.01	−14 33.1	1.748	2.707	8.9	20.2
7 20	20 47.13	−16 46.5	1.680	2.682	4.6	19.9
7 30	20 37.72	−19 11.4	1.641	2.656	0.3	19.5
8 9	20 27.76	−21 37.9	1.632	2.630	4.9	19.8
8 19	20 18.35	−23 56.1	1.652	2.604	9.5	20.0
8 29	20 10.62	−25 58.4	1.699	2.577	13.7	20.2
9 8	20 5.41	−27 40.7	1.767	2.551	17.1	20.4
219520	2001 QG_{54}		7 30.0	308.°73	4.°6/27.8	18
6 30	21 2.13	−26 42.6	1.361	2.281	14.1	19.4
7 10	20 56.44	−27 29.4	1.288	2.259	10.1	19.1
7 20	20 47.98	−28 15.7	1.238	2.238	6.1	18.8
7 30	20 37.72	−28 53.5	1.211	2.217	4.7	18.7
8 9	20 27.14	−29 15.8	1.208	2.196	8.0	18.8
8 19	20 17.77	−29 19.1	1.229	2.176	12.5	19.0
8 29	20 11.01	−29 3.3	1.270	2.157	16.8	19.2
9 8	20 7.69	−28 31.1	1.329	2.138	20.5	19.4
476074	2007 TL_{19}		7 30.0	302.°49	0.°8/29.7	17
6 30	21 2.73	−20 26.4	1.668	2.575	12.7	21.1
7 10	20 56.47	−20 27.0	1.578	2.544	9.0	20.8
7 20	20 47.87	−20 30.0	1.510	2.514	4.7	20.5
7 30	20 37.73	−20 32.0	1.469	2.484	0.8	20.1
8 9	20 27.21	−20 29.4	1.454	2.454	5.1	20.4
8 19	20 17.56	−20 20.1	1.465	2.423	9.9	20.6
8 29	20 9.97	−20 3.3	1.499	2.393	14.2	20.8
9 8	20 5.22	−19 39.2	1.552	2.364	17.9	21.0
176347	2001 TQ_{31}		7 30.0	337.°83	2.°1/28.9	18
6 30	21 0.69	−23 16.2	1.724	2.635	12.1	19.2
7 10	20 54.75	−23 31.0	1.660	2.629	8.5	19.0
7 20	20 46.80	−23 46.1	1.619	2.623	4.5	18.7
7 30	20 37.73	−23 57.3	1.605	2.617	2.1	18.6
8 9	20 28.63	−24 1.1	1.616	2.612	5.3	18.8
8 19	20 20.60	−23 55.5	1.653	2.607	9.3	19.0
8 29	20 14.58	−23 40.3	1.713	2.603	13.0	19.2
9 8	20 11.15	−23 16.3	1.794	2.599	16.1	19.4
181232	2005 TO_{96}		7 30.0	75.°04	0.°8/30.5	18
6 30	20 58.59	−15 7.6	2.121	3.015	11.0	20.3
7 10	20 52.91	−15 22.2	2.061	3.020	7.7	20.1
7 20	20 45.73	−15 43.3	2.026	3.026	4.1	19.9
7 30	20 37.74	−16 8.1	2.017	3.032	0.8	19.7
8 9	20 29.77	−16 33.6	2.037	3.038	3.7	19.9
8 19	20 22.62	−16 57.0	2.084	3.044	7.3	20.1
8 29	20 17.02	−17 16.2	2.155	3.050	10.5	20.4
9 8	20 13.43	−17 29.8	2.249	3.056	13.2	20.6
180785	2004 RE_{152}		7 30.0	97.°54	7.°1/ 5.0	18 R
6 30	20 57.29	+ 5 37.0	2.369	3.172	13.1	19.7
7 10	20 51.85	+ 5 55.2	2.310	3.186	10.9	19.6
7 20	20 45.14	+ 5 54.6	2.273	3.200	8.8	19.5
7 30	20 37.74	+ 5 34.8	2.260	3.214	7.4	19.4
8 9	20 30.37	+ 4 57.6	2.273	3.227	7.3	19.5
8 19	20 23.69	+ 4 6.3	2.312	3.240	8.4	19.6
8 29	20 18.34	+ 3 5.5	2.376	3.253	10.3	19.7
9 8	20 14.72	+ 2 0.2	2.462	3.266	12.3	19.9
46440	2002 LS_{27}		7 30.0	286.°19	3.°3/31.8	18
6 30	21 0.25	− 9 4.1	1.404	2.298	15.5	18.9
7 10	20 54.74	− 9 19.8	1.338	2.292	11.5	18.6
7 20	20 46.94	− 9 52.8	1.292	2.286	7.0	18.4
7 30	20 37.75	−10 40.2	1.271	2.281	3.5	18.1
8 9	20 28.39	−11 36.8	1.274	2.275	5.5	18.3
8 19	20 20.11	−12 36.4	1.302	2.269	10.0	18.5
8 29	20 14.04	−13 33.3	1.353	2.264	14.3	18.7
9 8	20 10.87	−14 22.8	1.423	2.258	18.1	19.0

439863 1999 TH_{50} 7 30.0 118.°62 8.°2/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 56.05	+10 53.6	2.464	3.232	13.6	21.5
7 10	20 51.02	+10 57.4	2.396	3.239	11.7	21.4
7 20	20 44.74	+10 39.5	2.348	3.246	9.9	21.3
7 30	20 37.75	+ 9 59.2	2.324	3.252	8.6	21.2
8 9	20 30.73	+ 8 58.4	2.325	3.259	8.2	21.2
8 19	20 24.35	+ 7 40.9	2.351	3.265	9.0	21.2
8 29	20 19.21	+ 6 11.9	2.402	3.272	10.5	21.3
9 8	20 15.76	+ 4 37.6	2.477	3.278	12.3	21.5

118878 2000 TT_{49} 7 30.0 248.°87 1.°4/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.09	−19 59.5	2.252	3.154	10.1	19.9
7 10	20 52.67	−20 54.2	2.181	3.147	7.0	19.7
7 20	20 45.68	−21 53.4	2.136	3.139	3.6	19.5
7 30	20 37.75	−22 52.4	2.118	3.131	1.4	19.3
8 9	20 29.69	−23 46.6	2.129	3.123	4.3	19.5
8 19	20 22.33	−24 32.6	2.167	3.116	7.8	19.7
8 29	20 16.43	−25 8.0	2.230	3.107	10.9	19.9
9 8	20 12.54	−25 32.2	2.314	3.099	13.5	20.1

234332 2001 EC_{15} 7 30.0 86.°03 9.°7/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.04	−44 15.1	1.845	2.722	13.2	20.1
7 10	21 0.66	−45 25.6	1.818	2.738	11.1	20.0
7 20	20 49.81	−46 17.3	1.814	2.754	9.9	19.9
7 30	20 37.76	−46 43.1	1.833	2.770	10.0	20.0
8 9	20 26.05	−46 40.0	1.877	2.785	11.3	20.1
8 19	20 16.07	−46 9.3	1.943	2.801	13.2	20.2
8 29	20 8.85	−45 15.8	2.029	2.816	15.2	20.4
9 8	20 4.88	−44 5.8	2.133	2.831	17.0	20.6

224247 2005 SV_{165} 7 30.0 298.°40 1.°2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.72	−18 51.3	1.521	2.432	13.5	20.5
7 10	20 54.99	−19 38.1	1.459	2.429	9.4	20.3
7 20	20 47.04	−20 32.0	1.420	2.425	4.8	20.0
7 30	20 37.77	−21 26.9	1.406	2.421	1.2	19.7
8 9	20 28.38	−22 16.6	1.419	2.417	5.4	20.0
8 19	20 20.11	−22 56.4	1.456	2.414	10.0	20.3
8 29	20 14.02	−23 23.6	1.515	2.410	14.1	20.5
9 8	20 10.76	−23 37.8	1.594	2.407	17.5	20.7

361960 2008 JC_{18} 7 30.0 67.°98 3.°6/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.72	−27 1.7	2.197	3.104	10.1	21.1
7 10	20 53.13	−28 8.5	2.143	3.107	7.1	20.9
7 20	20 45.91	−29 13.7	2.115	3.111	4.5	20.8
7 30	20 37.77	−30 11.9	2.114	3.115	3.8	20.7
8 9	20 29.59	−30 58.6	2.140	3.118	5.9	20.9
8 19	20 22.25	−31 30.9	2.193	3.122	8.8	21.1
8 29	20 16.52	−31 48.4	2.270	3.126	11.5	21.3
9 8	20 12.94	−31 51.9	2.367	3.129	13.9	21.4

395065 2009 FS_{40} 7 30.0 106.°86 0.°3/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.37	−17 40.3	2.037	2.937	11.1	21.1
7 10	20 53.53	−18 14.1	1.980	2.944	7.7	20.9
7 20	20 46.09	−18 53.1	1.948	2.951	3.9	20.7
7 30	20 37.78	−19 33.5	1.942	2.957	0.4	20.4
8 9	20 29.48	−20 11.2	1.965	2.964	4.0	20.7
8 19	20 22.05	−20 43.0	2.014	2.971	7.7	20.9
8 29	20 16.27	−21 7.0	2.088	2.977	11.0	21.2
9 8	20 12.63	−21 22.3	2.184	2.984	13.8	21.4

422961 2003 BN_{38} 7 30.0 156.°29 0.°6/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.58	−17 36.0	1.792	2.694	12.3	21.1
7 10	20 55.28	−18 22.2	1.734	2.698	8.5	20.8
7 20	20 47.08	−19 15.1	1.699	2.702	4.3	20.6
7 30	20 37.80	−20 9.5	1.691	2.706	0.6	20.3
8 9	20 28.49	−21 0.1	1.711	2.709	4.6	20.6
8 19	20 20.18	−21 42.7	1.757	2.712	8.7	20.9
8 29	20 13.77	−22 15.0	1.827	2.715	12.4	21.1
9 8	20 9.84	−22 36.2	1.918	2.717	15.4	21.3

323749 2005 NV_{32} 7 30.0 0.°57 3.°9/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.36	− 7 59.1	1.221	2.123	16.8	20.2
7 10	20 52.88	− 8 19.9	1.163	2.121	12.5	19.9
7 20	20 46.04	− 9 1.7	1.125	2.120	7.8	19.6
7 30	20 37.80	−10 1.0	1.110	2.119	4.1	19.4
8 9	20 29.46	−11 11.5	1.118	2.120	5.8	19.5
8 19	20 22.35	−12 25.3	1.150	2.121	10.4	19.8
8 29	20 17.59	−13 35.2	1.203	2.124	14.9	20.1
9 8	20 15.86	−14 35.5	1.275	2.126	18.8	20.3

382764 2003 QP_{10} 7 30.0 180.°99 3.°4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.91	−27 43.7	1.883	2.786	11.7	20.3
7 10	20 58.23	−27 54.7	1.823	2.786	8.3	20.1
7 20	20 48.55	−28 1.1	1.788	2.786	4.9	19.9
7 30	20 37.81	−27 58.7	1.780	2.786	3.4	19.8
8 9	20 27.17	−27 44.6	1.799	2.786	5.9	20.0
8 19	20 17.74	−27 18.3	1.844	2.786	9.4	20.2
8 29	20 10.43	−26 41.4	1.914	2.785	12.7	20.4
9 8	20 5.76	−25 56.2	2.004	2.784	15.5	20.6

387764 2003 SF_{242} 7 30.0 206.°98 4.°1/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.97	− 4 44.4	2.236	3.094	11.9	21.6
7 10	20 53.20	− 4 47.3	2.160	3.089	9.2	21.4
7 20	20 45.95	− 5 3.9	2.108	3.085	6.3	21.3
7 30	20 37.81	− 5 33.2	2.082	3.079	4.2	21.1
8 9	20 29.58	− 6 12.6	2.083	3.074	4.9	21.1
8 19	20 22.01	− 6 58.6	2.112	3.068	7.5	21.3
8 29	20 15.85	− 7 47.4	2.167	3.061	10.4	21.5
9 8	20 11.61	− 8 35.2	2.244	3.054	13.1	21.6

373272 2012 HO_{23} 7 30.0 177.°50 4.°6/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.55	−27 41.9	1.609	2.519	12.9	21.1
7 10	20 57.65	−28 43.4	1.555	2.520	9.2	20.9
7 20	20 48.41	−29 42.3	1.524	2.521	5.8	20.7
7 30	20 37.83	−30 30.8	1.519	2.521	4.8	20.6
8 9	20 27.22	−31 3.2	1.541	2.521	7.5	20.8
8 19	20 17.90	−31 16.9	1.587	2.521	11.1	21.0
8 29	20 10.94	−31 12.3	1.655	2.521	14.6	21.2
9 8	20 6.98	−30 52.4	1.742	2.520	17.6	21.4

449372 2013 GA_{93} 7 30.0 166.°78 6.°9/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.84	−40 12.3	2.455	3.338	10.1	21.5
7 10	20 56.02	−41 13.6	2.408	3.340	8.2	21.4
7 20	20 47.42	−42 3.9	2.386	3.341	7.0	21.3
7 30	20 37.83	−42 37.9	2.390	3.342	7.1	21.3
8 9	20 28.26	−42 52.2	2.419	3.343	8.4	21.4
8 19	20 19.68	−42 46.4	2.473	3.344	10.3	21.5
8 29	20 12.95	−42 22.1	2.550	3.344	12.3	21.7
9 8	20 8.58	−41 42.7	2.646	3.345	14.0	21.8

357888 2005 UN_{512} 7 30.0 49.°89 7.°5/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.54	+ 2 46.6	2.052	2.879	14.0	20.1
7 10	20 52.90	+ 3 32.3	1.994	2.888	11.6	19.9
7 20	20 45.77	+ 3 59.4	1.958	2.898	9.2	19.8
7 30	20 37.83	+ 4 6.7	1.945	2.909	7.7	19.7
8 9	20 29.90	+ 3 55.3	1.958	2.919	7.8	19.7
8 19	20 22.78	+ 3 27.9	1.996	2.930	9.3	19.9
8 29	20 17.18	+ 2 48.9	2.058	2.941	11.5	20.0
9 8	20 13.58	+ 2 3.6	2.142	2.952	13.7	20.2

332512 2008 GK_{102} 7 30.0 88.°65 0.°9/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.39	−18 15.5	1.521	2.429	13.7	21.1
7 10	20 55.97	−18 59.8	1.475	2.442	9.4	20.9
7 20	20 47.46	−19 50.3	1.451	2.455	4.8	20.7
7 30	20 37.84	−20 41.2	1.453	2.468	0.9	20.4
8 9	20 28.32	−21 26.8	1.482	2.481	5.1	20.8
8 19	20 20.08	−22 2.8	1.535	2.494	9.6	21.0
8 29	20 14.06	−22 27.3	1.612	2.506	13.4	21.3
9 8	20 10.80	−22 40.0	1.709	2.518	16.6	21.6

316524 2010 VE_{196} 7 30.0 322.°30 1.°8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.21	−16 47.6	1.781	2.687	12.1	19.3
7 10	20 52.57	−18 52.7	1.700	2.668	8.4	19.1
7 20	20 45.90	−21 12.3	1.645	2.650	4.3	18.8
7 30	20 37.85	−23 37.5	1.619	2.631	2.0	18.6
8 9	20 29.39	−25 58.1	1.621	2.614	5.7	18.8
8 19	20 21.59	−28 5.0	1.651	2.597	10.0	19.0
8 29	20 15.52	−29 51.8	1.705	2.580	13.8	19.2
9 8	20 11.96	−31 16.1	1.780	2.564	17.0	19.4

440642 2005 WP_{107} 7 30.0 286.°58 3.°6/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.96	−26 47.6	2.143	3.051	10.3	20.8
7 10	20 53.44	−27 49.5	2.075	3.040	7.3	20.6
7 20	20 46.18	−28 51.0	2.031	3.029	4.5	20.4
7 30	20 37.85	−29 46.3	2.015	3.017	3.8	20.4
8 9	20 29.37	−30 30.6	2.026	3.006	6.0	20.5
8 19	20 21.68	−31 0.9	2.064	2.995	9.1	20.7
8 29	20 15.62	−31 16.2	2.125	2.984	12.1	20.8
9 8	20 11.79	−31 17.3	2.206	2.974	14.6	21.0

443075 2013 GV_{25} 7 30.0 210.°63 4.°7/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.05	−31 27.1	2.438	3.339	9.5	21.3
7 10	20 54.06	−32 37.0	2.379	3.335	7.0	21.1
7 20	20 46.44	−33 42.6	2.346	3.332	5.1	21.0
7 30	20 37.85	−34 38.6	2.341	3.328	4.9	21.0
8 9	20 29.17	−35 20.6	2.363	3.324	6.6	21.1
8 19	20 21.25	−35 46.5	2.411	3.320	9.0	21.2
8 29	20 14.89	−35 56.2	2.483	3.316	11.4	21.4
9 8	20 10.64	−35 51.3	2.576	3.311	13.5	21.5

135033 2001 MH_{29} 7 30.0 20.°61 1.°2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.89	−18 21.4	1.133	2.058	15.8	18.9
7 10	20 54.05	−19 8.1	1.089	2.064	11.0	18.6
7 20	20 46.66	−20 3.4	1.065	2.071	5.6	18.4
7 30	20 37.86	−21 0.1	1.065	2.080	1.2	18.1
8 9	20 29.15	−21 50.4	1.087	2.089	6.1	18.5
8 19	20 21.95	−22 28.9	1.133	2.099	11.3	18.8
8 29	20 17.40	−22 52.8	1.199	2.109	15.8	19.1
9 8	20 16.08	−23 1.9	1.282	2.121	19.5	19.4

379372 2009 WA_{250} 7 30.0 203.°62 5.°7/25.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.81	−31 56.6	1.978	2.880	11.3	21.8
7 10	20 56.99	−33 16.5	1.920	2.876	8.4	21.6
7 20	20 48.06	−34 31.1	1.888	2.873	6.2	21.5
7 30	20 37.87	−35 33.0	1.882	2.868	6.0	21.4
8 9	20 27.54	−36 16.7	1.903	2.863	8.0	21.5
8 19	20 18.24	−36 39.7	1.949	2.858	10.8	21.7
8 29	20 10.96	−36 42.5	2.018	2.852	13.6	21.9
9 8	20 6.36	−36 28.1	2.106	2.846	16.1	22.1

512001 2015 KZ_{153} 7 30.0 182.°09 2.°7/31.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.87	− 9 30.2	2.150	3.024	11.7	21.5
7 10	20 54.55	− 9 31.7	2.080	3.024	8.6	21.3
7 20	20 46.66	− 9 43.6	2.035	3.025	5.3	21.1
7 30	20 37.88	−10 4.2	2.017	3.024	2.8	20.9
8 9	20 29.05	−10 30.8	2.026	3.024	4.2	21.0
8 19	20 20.99	−11 0.5	2.064	3.023	7.4	21.2
8 29	20 14.48	−11 30.2	2.127	3.021	10.6	21.4
9 8	20 10.01	−11 57.3	2.212	3.019	13.4	21.6

134989 2001 FG_{123} 7 30.0 230.°42 2.°1/28.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 5.10	−22 34.2	1.760	2.663	12.4	20.2
7 10	20 57.95	−23 3.0	1.688	2.653	8.7	19.9
7 20	20 48.58	−23 33.4	1.639	2.642	4.6	19.7
7 30	20 37.88	−24 0.2	1.618	2.630	2.1	19.5
8 9	20 27.03	−24 19.0	1.623	2.618	5.5	19.7
8 19	20 17.21	−24 27.0	1.655	2.605	9.7	19.9
8 29	20 9.48	−24 23.6	1.711	2.591	13.5	20.1
9 8	20 4.53	−24 9.9	1.787	2.577	16.7	20.3

333976 2000 QA_7 7 30.0 323.°32 6.°1/28.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 6.24	−31 32.9	1.232	2.151	15.4	20.1
7 10	20 59.71	−31 38.0	1.154	2.121	11.5	19.7
7 20	20 49.88	−31 32.3	1.096	2.092	7.6	19.4
7 30	20 37.89	−31 8.1	1.061	2.063	6.2	19.3
8 9	20 25.55	−30 20.3	1.049	2.036	9.1	19.4
8 19	20 14.73	−29 9.2	1.060	2.009	13.8	19.5
8 29	20 7.04	−27 39.6	1.091	1.984	18.4	19.7
9 8	20 3.35	−25 58.1	1.139	1.960	22.5	19.9

342862 2008 YL_{27} 7 30.0 257.°79 1.°3/29.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.68	−19 31.6	2.072	2.972	10.9	21.7
7 10	20 54.72	−20 22.4	1.988	2.953	7.6	21.5
7 20	20 46.90	−21 18.8	1.929	2.932	3.9	21.2
7 30	20 37.89	−22 16.1	1.898	2.912	1.3	21.0
8 9	20 28.60	−23 9.3	1.895	2.891	4.7	21.2
8 19	20 20.00	−23 54.2	1.919	2.869	8.5	21.4
8 29	20 13.01	−24 28.2	1.968	2.847	12.0	21.6
9 8	20 8.29	−24 50.5	2.037	2.824	15.1	21.7

248927 2006 WD_5 7 30.0 358.°94 0.°5/29.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.19	−17 51.1	1.777	2.684	12.1	20.2
7 10	20 52.98	−18 26.9	1.716	2.683	8.4	20.0
7 20	20 45.96	−19 9.2	1.678	2.682	4.3	19.7
7 30	20 37.89	−19 53.3	1.667	2.682	0.5	19.5
8 9	20 29.78	−20 34.7	1.682	2.682	4.5	19.8
8 19	20 22.60	−21 9.4	1.722	2.682	8.6	20.0
8 29	20 17.23	−21 35.0	1.787	2.683	12.2	20.2
9 8	20 14.22	−21 50.5	1.872	2.684	15.3	20.4

138554 2000 QN_{44} 7 30.0 316.°17 0.°1/29.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.10	−17 2.3	1.855	2.759	11.8	20.0
7 10	20 52.92	−17 33.6	1.784	2.749	8.3	19.7
7 20	20 45.95	−18 12.1	1.736	2.739	4.3	19.5
7 30	20 37.89	−18 53.6	1.715	2.730	0.1	19.1
8 9	20 29.70	−19 33.8	1.721	2.721	4.3	19.4
8 19	20 22.35	−20 8.8	1.752	2.713	8.4	19.7
8 29	20 16.71	−20 36.0	1.808	2.704	12.1	19.9
9 8	20 13.39	−20 53.9	1.885	2.696	15.2	20.1

356539 2011 SM_{152} 7 30.0 267.°93 1.°2/29.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.97	−20 29.9	1.984	2.888	11.1	21.7
7 10	20 54.13	−21 0.4	1.916	2.882	7.7	21.5
7 20	20 46.53	−21 34.2	1.872	2.875	4.0	21.2
7 30	20 37.90	−22 7.3	1.855	2.869	1.3	21.0
8 9	20 29.18	−22 35.6	1.866	2.863	4.6	21.2
8 19	20 21.33	−22 56.1	1.903	2.856	8.3	21.5
8 29	20 15.19	−23 7.5	1.964	2.850	11.8	21.7
9 8	20 11.32	−23 9.5	2.047	2.844	14.7	21.8

153278 2001 DH_{49} 7 30.0 155.°45 2.°6/27.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.45	−26 52.7	2.855	3.753	8.4	20.6
7 10	20 53.33	−27 32.6	2.799	3.760	5.9	20.5
7 20	20 45.96	−28 10.6	2.769	3.766	3.5	20.3
7 30	20 37.90	−28 43.1	2.768	3.772	2.7	20.3
8 9	20 29.85	−29 7.4	2.796	3.777	4.5	20.4
8 19	20 22.49	−29 21.9	2.852	3.783	6.9	20.6
8 29	20 16.41	−29 26.2	2.933	3.787	9.3	20.7
9 8	20 12.04	−29 21.1	3.037	3.792	11.3	20.9

137721 1999 XW_{103} 7 30.0 269.°88 2.°3/28.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.74	−21 46.1	1.584	2.495	13.1	20.1
7 10	20 56.59	−22 35.2	1.508	2.477	9.2	19.9
7 20	20 48.02	−23 29.2	1.455	2.459	4.9	19.6
7 30	20 37.91	−24 21.4	1.428	2.440	2.4	19.4
8 9	20 27.47	−25 5.5	1.426	2.421	6.1	19.6
8 19	20 18.01	−25 37.0	1.450	2.402	10.6	19.8
8 29	20 10.75	−25 53.7	1.497	2.382	14.8	20.0
9 8	20 6.46	−25 56.3	1.562	2.363	18.3	20.2

30652 1236 T_{-1} 7 30.0 214.°20 2.°8/28.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 6.76	−23 47.1	1.524	2.432	13.6	19.1
7 10	20 59.32	−24 22.0	1.460	2.427	9.6	18.9
7 20	20 49.36	−24 57.6	1.419	2.421	5.2	18.6
7 30	20 37.92	−25 27.4	1.404	2.414	2.9	18.5
8 9	20 26.37	−25 46.2	1.414	2.407	6.4	18.6
8 19	20 16.11	−25 51.2	1.451	2.400	10.8	18.9
8 29	20 8.32	−25 42.3	1.509	2.391	14.9	19.1
9 8	20 3.70	−25 21.6	1.587	2.383	18.3	19.3

282339 2002 VW_{93} 7 30.1 347.°11 1.°5/31.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 51.66	−11 33.9	1.139	2.061	16.1	18.5
7 10	20 49.17	−12 29.1	1.072	2.044	11.6	18.2
7 20	20 44.31	−13 45.9	1.025	2.029	6.5	17.9
7 30	20 37.91	−15 18.3	1.001	2.015	1.6	17.5
8 9	20 31.25	−16 57.4	0.999	2.003	5.5	17.7
8 19	20 25.68	−18 32.8	1.019	1.994	10.9	18.0
8 29	20 22.47	−19 56.0	1.060	1.986	15.9	18.3
9 8	20 22.39	−21 1.5	1.118	1.981	20.1	18.5

442017 2010 OQ_{84} 7 30.1 250.°17 3.°1/27.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.93	−26 13.6	2.431	3.334	9.4	21.1
7 10	20 53.28	−27 10.2	2.361	3.324	6.6	20.9
7 20	20 46.07	−28 6.4	2.316	3.314	4.0	20.7
7 30	20 37.93	−28 57.5	2.300	3.303	3.2	20.6
8 9	20 29.65	−29 39.3	2.311	3.292	5.3	20.7
8 19	20 22.05	−30 9.2	2.350	3.282	8.2	20.9
8 29	20 15.90	−30 26.1	2.413	3.270	10.9	21.1
9 8	20 11.72	−30 30.5	2.497	3.259	13.3	21.2

240925 2006 FP_5 7 30.1 79.°09 5.°8/ 3.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.78	− 0 53.1	1.758	2.612	14.8	20.4
7 10	20 53.25	− 1 5.9	1.705	2.626	11.6	20.3
7 20	20 46.04	− 1 39.2	1.673	2.641	8.4	20.1
7 30	20 37.93	− 2 31.6	1.665	2.656	6.0	20.0
8 9	20 29.86	− 3 38.5	1.683	2.670	6.3	20.0
8 19	20 22.75	− 4 54.3	1.727	2.685	8.7	20.2
8 29	20 17.39	− 6 12.7	1.796	2.699	11.8	20.4
9 8	20 14.28	− 7 27.9	1.887	2.713	14.6	20.7

467722 2009 DR_{117} 7 30.1 185.°55 1.°9/29.2 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 6.45	−22 3.3	1.519	2.426	13.7	21.2
7 10	20 58.99	−22 23.7	1.459	2.426	9.6	21.0
7 20	20 49.15	−22 45.6	1.423	2.426	5.0	20.7
7 30	20 37.95	−23 3.8	1.412	2.425	1.9	20.5
8 9	20 26.76	−23 13.9	1.428	2.424	5.7	20.8
8 19	20 16.90	−23 13.7	1.469	2.423	10.3	21.0
8 29	20 9.48	−23 2.9	1.533	2.421	14.3	21.3
9 8	20 5.12	−22 42.8	1.616	2.419	17.7	21.5

206541 2003 UV_{196} 7 30.1 270.°01 1.°3/29.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.85	−20 31.2	1.844	2.750	11.8	20.6
7 10	20 54.88	−21 1.8	1.774	2.741	8.2	20.4
7 20	20 46.99	−21 36.0	1.728	2.732	4.2	20.1
7 30	20 37.94	−22 9.4	1.709	2.723	1.4	19.9
8 9	20 28.78	−22 37.7	1.716	2.714	4.8	20.2
8 19	20 20.53	−22 57.7	1.750	2.705	8.9	20.4
8 29	20 14.14	−23 7.8	1.808	2.695	12.5	20.6
9 8	20 10.20	−23 8.1	1.886	2.686	15.6	20.8

17674 1996 YG 7 30.1 150.°71 0.°8/29.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.04	−20 12.1	2.362	3.259	9.9	19.0
7 10	20 53.89	−20 32.5	2.301	3.263	6.8	18.8
7 20	20 46.30	−20 55.3	2.265	3.268	3.5	18.6
7 30	20 37.94	−21 17.3	2.257	3.272	0.9	18.4
8 9	20 29.60	−21 35.5	2.278	3.276	3.8	18.6
8 19	20 22.04	−21 48.0	2.327	3.279	7.1	18.8
8 29	20 15.95	−21 53.6	2.401	3.283	10.1	19.0
9 8	20 11.80	−21 52.3	2.497	3.286	12.6	19.2

71105 1999 XP_{151} 7 30.1 315.°51 0.°2/29.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.86	−18 5.2	1.491	2.403	13.6	18.3
7 10	20 54.63	−18 16.8	1.410	2.379	9.6	18.0
7 20	20 47.05	−18 35.2	1.352	2.356	5.0	17.6
7 30	20 37.95	−18 56.4	1.318	2.333	0.2	17.2
8 9	20 28.51	−19 15.9	1.309	2.311	5.2	17.5
8 19	20 20.04	−19 30.2	1.325	2.289	10.1	17.8
8 29	20 13.71	−19 36.8	1.362	2.267	14.6	18.0
9 8	20 10.31	−19 34.8	1.419	2.247	18.5	18.2

404110 2012 WO_8 7 30.1 313.°36 0.°0/30.0 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.15	−17 29.7	1.619	2.526	13.0	21.3
7 10	20 54.57	−17 45.1	1.549	2.515	9.2	21.1
7 20	20 46.89	−18 7.2	1.501	2.505	4.7	20.8
7 30	20 37.96	−18 32.2	1.479	2.494	0.0	20.4
8 9	20 28.87	−18 55.7	1.483	2.484	4.7	20.7
8 19	20 20.79	−19 14.5	1.512	2.475	9.3	21.0
8 29	20 14.71	−19 26.2	1.564	2.465	13.4	21.2
9 8	20 11.30	−19 29.8	1.637	2.456	16.8	21.4

216730 2005 GE_{123} 7 30.1 17.°23 1.°3/29.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.80	−18 50.5	1.038	1.968	16.5	19.6
7 10	20 54.17	−19 31.2	0.996	1.973	11.5	19.4
7 20	20 46.82	−20 20.4	0.973	1.980	5.8	19.1
7 30	20 37.98	−21 10.5	0.973	1.987	1.4	18.8
8 9	20 29.25	−21 53.9	0.994	1.996	6.4	19.2
8 19	20 22.14	−22 25.1	1.038	2.006	11.8	19.5
8 29	20 17.85	−22 41.6	1.101	2.017	16.4	19.8
9 8	20 16.95	−22 43.6	1.182	2.029	20.3	20.1

15076 Joellewis 7 30.1 11.°30 3.°8/ 1.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 57.39	− 7 59.0	1.251	2.152	16.5	17.1
7 10	20 52.88	− 8 21.2	1.197	2.154	12.3	16.9
7 20	20 46.09	− 9 3.7	1.162	2.156	7.6	16.6
7 30	20 37.99	−10 3.1	1.150	2.160	4.0	16.4
8 9	20 29.84	−11 12.8	1.162	2.164	5.7	16.6
8 19	20 22.91	−12 25.3	1.198	2.169	10.1	16.8
8 29	20 18.27	−13 33.7	1.255	2.175	14.5	17.1
9 8	20 16.56	−14 32.6	1.331	2.181	18.3	17.4

4974 Elford 7 30.1 95.°96 6.°0/ 3.5 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.88	+ 0 5.4	1.784	2.632	14.9	17.0
7 10	20 53.36	− 0 11.8	1.726	2.643	11.8	16.8
7 20	20 46.14	− 0 50.6	1.689	2.655	8.6	16.6
7 30	20 37.99	− 1 49.2	1.677	2.666	6.3	16.5
8 9	20 29.85	− 3 3.5	1.691	2.677	6.4	16.6
8 19	20 22.62	− 4 27.2	1.731	2.687	8.8	16.7
8 29	20 17.11	− 5 53.8	1.796	2.698	11.8	16.9
9 8	20 13.86	− 7 17.0	1.883	2.708	14.7	17.2

78126 2002 NU_9 7 30.1 317.°76 2.°0/31.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.01	−11 42.6	1.615	2.513	13.6	19.6
7 10	20 53.09	−12 4.8	1.543	2.502	9.9	19.4
7 20	20 46.16	−12 40.2	1.492	2.490	5.7	19.1
7 30	20 37.99	−13 25.6	1.466	2.479	2.1	18.8
8 9	20 29.63	−14 16.3	1.466	2.468	4.6	19.0
8 19	20 22.17	−15 7.1	1.491	2.458	9.0	19.2
8 29	20 16.58	−15 53.7	1.540	2.448	13.1	19.4
9 8	20 13.56	−16 32.5	1.609	2.438	16.6	19.7

366102 2012 DL_9 7 30.1 185.°56 1.°4/31.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 56.44	−11 17.3	2.582	3.462	9.8	21.4
7 10	20 51.36	−11 53.9	2.511	3.461	7.0	21.2
7 20	20 45.04	−12 39.3	2.466	3.461	4.0	21.0
7 30	20 38.00	−13 30.9	2.448	3.461	1.5	20.8
8 9	20 30.89	−14 25.3	2.460	3.460	3.2	21.0
8 19	20 24.37	−15 18.9	2.499	3.459	6.2	21.2
8 29	20 19.04	−16 8.9	2.565	3.458	9.1	21.3
9 8	20 15.35	−16 52.9	2.655	3.457	11.5	21.5

241734 2000 WV_{93} 7 30.1 272.°78 2.°4/28.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.86	−24 5.9	2.380	3.282	9.6	21.2
7 10	20 54.04	−24 51.3	2.294	3.258	6.8	21.0
7 20	20 46.55	−25 38.1	2.233	3.234	3.8	20.7
7 30	20 38.01	−26 21.8	2.200	3.209	2.5	20.6
8 9	20 29.23	−26 58.4	2.196	3.184	4.9	20.7
8 19	20 21.07	−27 24.9	2.219	3.159	8.1	20.9
8 29	20 14.34	−27 39.9	2.267	3.133	11.2	21.0
9 8	20 9.64	−27 43.6	2.336	3.107	13.8	21.2

363716 2004 VL_{22} 7 30.1 303.°61 6.°0/25.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.59	−33 32.8	2.077	2.981	10.7	20.4
7 10	20 54.87	−34 40.0	2.002	2.957	8.2	20.2
7 20	20 47.10	−35 42.1	1.951	2.932	6.3	20.1
7 30	20 38.02	−36 32.2	1.926	2.908	6.2	20.0
8 9	20 28.67	−37 5.2	1.927	2.884	8.1	20.1
8 19	20 20.15	−37 18.3	1.953	2.860	10.9	20.2
8 29	20 13.47	−37 11.7	2.001	2.837	13.7	20.4
9 8	20 9.33	−36 47.9	2.068	2.813	16.2	20.5

408653 2014 MQ_{15} 7 30.1 8.°24 3.°0/31.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 57.42	−10 44.2	1.653	2.548	13.5	20.0
7 10	20 52.48	−10 34.7	1.594	2.550	9.9	19.8
7 20	20 45.75	−10 37.1	1.558	2.553	6.0	19.6
7 30	20 38.02	−10 49.5	1.546	2.556	3.0	19.4
8 9	20 30.29	−11 9.0	1.560	2.560	4.8	19.5
8 19	20 23.54	−11 32.3	1.599	2.566	8.5	19.8
8 29	20 18.62	−11 55.8	1.662	2.572	12.2	20.0
9 8	20 16.06	−12 16.4	1.745	2.578	15.3	20.2

260231 2004 RA_{255} 7 30.1 321.°11 4.°3/26.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.11	−28 31.2	2.032	2.941	10.7	19.9
7 10	20 53.65	−29 34.4	1.970	2.934	7.7	19.7
7 20	20 46.38	−30 35.4	1.933	2.928	5.1	19.5
7 30	20 38.02	−31 28.1	1.923	2.921	4.5	19.4
8 9	20 29.56	−32 7.6	1.939	2.915	6.6	19.6
8 19	20 21.98	−32 31.3	1.981	2.909	9.7	19.7
8 29	20 16.15	−32 38.7	2.046	2.903	12.6	19.9
9 8	20 12.67	−32 31.2	2.131	2.898	15.1	20.1

199177 2005 YU_{219} 7 30.1 199.°00 0.°9/30.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.21	−15 36.2	2.138	3.025	11.2	20.3
7 10	20 56.25	−15 33.7	2.066	3.022	7.9	20.1
7 20	20 47.62	−15 36.4	2.020	3.019	4.3	19.9
7 30	20 38.05	−15 42.3	2.001	3.015	0.9	19.7
8 9	20 28.42	−15 49.0	2.010	3.010	3.8	19.9
8 19	20 19.63	−15 54.3	2.047	3.005	7.6	20.1
8 29	20 12.49	−15 56.9	2.111	3.000	10.9	20.3
9 8	20 7.51	−15 55.7	2.196	2.993	13.8	20.5

514043 2014 ME_{35} 7 30.1 173.°03 4.°1/ 1.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.47	− 5 48.0	2.229	3.091	11.8	20.6
7 10	20 52.88	− 5 33.2	2.159	3.092	9.0	20.4
7 20	20 45.86	− 5 30.5	2.113	3.092	6.2	20.3
7 30	20 38.03	− 5 39.3	2.094	3.092	4.2	20.1
8 9	20 30.16	− 5 57.8	2.102	3.092	4.9	20.2
8 19	20 22.99	− 6 23.4	2.136	3.092	7.4	20.3
8 29	20 17.23	− 6 52.8	2.196	3.092	10.3	20.5
9 8	20 13.36	− 7 22.7	2.279	3.092	12.9	20.7

314414 2005 UR_{327} 7 30.1 291.°01 1.°7/28.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.57	−22 11.8	2.107	3.012	10.6	20.7
7 10	20 53.90	−22 39.7	2.030	2.996	7.4	20.5
7 20	20 46.50	−23 9.5	1.978	2.980	3.9	20.2
7 30	20 38.05	−23 37.3	1.952	2.965	1.7	20.0
8 9	20 29.45	−23 59.4	1.954	2.949	4.7	20.2
8 19	20 21.61	−24 13.1	1.983	2.933	8.3	20.4
8 29	20 15.38	−24 17.3	2.036	2.918	11.6	20.6
9 8	20 11.34	−24 12.0	2.110	2.902	14.4	20.7

257734 1999 YF_{21} 7 30.1 151.°22 0.°1/30.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.81	−16 54.2	1.870	2.764	12.2	21.5
7 10	20 56.78	−17 16.0	1.812	2.773	8.5	21.3
7 20	20 47.92	−17 43.6	1.778	2.780	4.4	21.1
7 30	20 38.07	−18 13.2	1.772	2.787	0.1	20.7
8 9	20 28.25	−18 40.9	1.794	2.794	4.2	21.1
8 19	20 19.47	−19 3.8	1.842	2.800	8.3	21.3
8 29	20 12.57	−19 19.8	1.916	2.805	11.9	21.6
9 8	20 8.11	−19 28.5	2.010	2.810	14.8	21.8

71436 2000 AF_{208} 7 30.1 2.°67 3.°1/28.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 55.42	−21 41.4	1.105	2.040	15.3	18.0
7 10	20 51.86	−22 44.4	1.058	2.038	10.6	17.7
7 20	20 45.71	−23 53.1	1.031	2.037	5.7	17.5
7 30	20 38.06	−24 58.7	1.026	2.038	3.2	17.3
8 9	20 30.40	−25 52.7	1.044	2.041	7.2	17.6
8 19	20 24.16	−26 29.5	1.083	2.046	12.1	17.9
8 29	20 20.54	−26 46.8	1.143	2.052	16.5	18.1
9 8	20 20.17	−26 45.6	1.219	2.059	20.2	18.4

442138 2010 UR_{82} 7 30.1 310.°85 2.°3/28.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.71	−23 30.0	1.893	2.802	11.3	20.8
7 10	20 54.20	−23 58.1	1.813	2.781	8.0	20.6
7 20	20 46.74	−24 27.5	1.758	2.760	4.3	20.3
7 30	20 38.08	−24 53.6	1.729	2.740	2.4	20.1
8 9	20 29.20	−25 12.2	1.726	2.720	5.3	20.3
8 19	20 21.16	−25 20.6	1.750	2.700	9.2	20.5
8 29	20 14.92	−25 17.7	1.797	2.681	12.8	20.7
9 8	20 11.12	−25 4.1	1.864	2.662	15.9	20.8

90358 2003 HP_{26} 7 30.1 34.°58 9.°2/23.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.63	−40 54.1	1.784	2.679	12.7	18.4
7 10	20 56.44	−42 30.4	1.754	2.690	10.5	18.3
7 20	20 47.91	−43 51.6	1.747	2.701	9.3	18.3
7 30	20 38.08	−44 49.6	1.764	2.712	9.6	18.3
8 9	20 28.33	−45 19.6	1.805	2.724	11.1	18.4
8 19	20 19.97	−45 21.5	1.868	2.736	13.2	18.6
8 29	20 14.06	−44 58.4	1.950	2.748	15.4	18.8
9 8	20 11.15	−44 15.4	2.050	2.761	17.2	19.0

437683 2014 DZ_4 7 30.1 84.°83 0.°7/30.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.40	−14 26.1	1.807	2.705	12.4	21.0
7 10	20 53.83	−15 1.9	1.746	2.707	8.7	20.8
7 20	20 46.47	−15 47.0	1.708	2.709	4.6	20.5
7 30	20 38.09	−16 37.3	1.696	2.711	0.7	20.2
8 9	20 29.65	−17 28.1	1.712	2.713	4.2	20.5
8 19	20 22.13	−18 14.9	1.753	2.715	8.3	20.8
8 29	20 16.38	−18 54.4	1.819	2.717	11.9	21.0
9 8	20 12.97	−19 24.7	1.906	2.719	15.0	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
356103	2009 EV_{30}		7 30.1	28.°55	0.°9/29.4	18
	h m	° ′			°	m
6 30	20 56.87	−16 13.8	1.574	2.485	13.1	19.6
7 10	20 52.23	−17 40.1	1.528	2.497	9.0	19.4
7 20	20 45.69	−19 16.1	1.505	2.509	4.5	19.2
7 30	20 38.09	−20 54.2	1.508	2.523	1.0	19.0
8 9	20 30.50	−22 26.4	1.538	2.537	5.0	19.3
8 19	20 23.96	−23 46.3	1.594	2.552	9.3	19.6
8 29	20 19.36	−24 50.1	1.673	2.567	13.0	19.8
9 8	20 17.25	−25 36.6	1.772	2.584	16.0	20.1
508271	2015 HW_{172}		7 30.1	56.°56	2.°3/28.9	17
6 30	21 2.71	−22 35.4	1.518	2.431	13.4	20.7
7 10	20 56.24	−23 9.1	1.478	2.448	9.2	20.5
7 20	20 47.70	−23 43.9	1.461	2.465	4.9	20.3
7 30	20 38.13	−24 14.1	1.470	2.482	2.3	20.2
8 9	20 28.77	−24 35.2	1.504	2.500	5.7	20.4
8 19	20 20.78	−24 44.8	1.563	2.517	9.8	20.7
8 29	20 15.07	−24 42.6	1.646	2.535	13.4	21.0
9 8	20 12.12	−24 29.7	1.747	2.553	16.4	21.2
453224	2008 JX_9		7 30.1	79.°68	0.°8/29.5	18
6 30	20 58.66	−19 14.5	2.199	3.100	10.4	21.1
7 10	20 53.07	−19 47.8	2.143	3.107	7.2	20.9
7 20	20 46.00	−20 24.8	2.111	3.115	3.6	20.7
7 30	20 38.13	−21 1.8	2.107	3.122	0.8	20.5
8 9	20 30.27	−21 35.0	2.131	3.129	4.0	20.8
8 19	20 23.22	−22 1.9	2.182	3.137	7.4	21.0
8 29	20 17.69	−22 20.8	2.258	3.144	10.4	21.2
9 8	20 14.14	−22 31.1	2.356	3.151	13.0	21.4
484542	2008 GU_9		7 30.1	6.°62	4.°4/ 2.2	18
6 30	20 56.77	− 4 27.4	2.041	2.905	12.6	21.0
7 10	20 51.84	− 4 29.5	1.974	2.906	9.7	20.8
7 20	20 45.41	− 4 46.7	1.929	2.906	6.7	20.6
7 30	20 38.12	− 5 17.8	1.909	2.907	4.6	20.5
8 9	20 30.78	− 6 0.0	1.916	2.908	5.1	20.6
8 19	20 24.17	− 6 49.4	1.950	2.909	7.8	20.7
8 29	20 19.03	− 7 41.6	2.008	2.911	10.8	20.9
9 8	20 15.87	− 8 32.4	2.088	2.912	13.5	21.1
216398	2008 EP_{22}		7 30.1	16.°15	5.°6/26.4	18
6 30	21 1.20	−31 54.8	1.890	2.798	11.4	19.4
7 10	20 55.20	−32 56.9	1.840	2.799	8.5	19.2
7 20	20 47.23	−33 53.0	1.813	2.801	6.1	19.1
7 30	20 38.14	−34 36.4	1.813	2.803	5.8	19.1
8 9	20 29.06	−35 2.6	1.838	2.805	7.7	19.2
8 19	20 21.06	−35 9.7	1.889	2.807	10.6	19.4
8 29	20 15.08	−34 58.8	1.961	2.810	13.4	19.6
9 8	20 11.69	−34 32.5	2.053	2.813	15.8	19.8
512552	2016 SU_{14}		7 30.1	221.°87	1.°8/28.9	18
6 30	21 1.30	−22 17.4	2.096	2.998	10.7	21.8
7 10	20 55.06	−22 48.5	2.028	2.993	7.5	21.6
7 20	20 47.10	−23 21.2	1.986	2.988	3.9	21.3
7 30	20 38.14	−23 51.3	1.970	2.983	1.8	21.2
8 9	20 29.11	−24 15.0	1.983	2.977	4.7	21.4
8 19	20 20.94	−24 29.9	2.022	2.971	8.2	21.6
8 29	20 14.43	−24 35.0	2.086	2.965	11.5	21.8
9 8	20 10.16	−24 30.5	2.172	2.959	14.2	21.9
366045	2012 CO_5		7 30.1	172.°49	2.°2/27.9	18
6 30	20 58.14	−23 14.2	2.730	3.629	8.6	21.0
7 10	20 52.61	−24 21.8	2.668	3.631	6.0	20.8
7 20	20 45.76	−25 30.8	2.633	3.633	3.3	20.6
7 30	20 38.14	−26 36.8	2.626	3.634	2.3	20.6
8 9	20 30.43	−27 35.6	2.649	3.635	4.4	20.7
8 19	20 23.32	−28 24.4	2.701	3.636	7.1	20.9
8 29	20 17.45	−29 1.7	2.778	3.637	9.6	21.1
9 8	20 13.29	−29 27.3	2.877	3.637	11.7	21.2
312555	2009 FS_{66}		7 30.1	154.°41	1.°0/30.7	17
6 30	21 3.04	−13 54.4	1.518	2.417	14.3	21.5
7 10	20 56.62	−14 28.6	1.460	2.422	10.1	21.3
7 20	20 48.02	−15 14.0	1.425	2.426	5.4	21.0
7 30	20 38.16	−16 5.9	1.415	2.429	1.0	20.7
8 9	20 28.27	−16 58.6	1.431	2.432	4.8	21.0
8 19	20 19.53	−17 46.9	1.472	2.435	9.4	21.3
8 29	20 12.98	−18 27.0	1.538	2.438	13.6	21.6
9 8	20 9.24	−18 56.9	1.623	2.440	17.0	21.8
373800	2002 VU_{32}		7 30.1	278.°33	1.°1/29.5	18
6 30	21 1.97	−18 52.2	1.579	2.486	13.3	20.9
7 10	20 56.13	−19 34.4	1.499	2.466	9.3	20.7
7 20	20 47.93	−20 24.3	1.442	2.446	4.8	20.3
7 30	20 38.17	−21 16.4	1.410	2.425	1.2	20.0
8 9	20 28.05	−22 4.4	1.405	2.404	5.4	20.3
8 19	20 18.85	−22 43.4	1.425	2.383	10.2	20.5
8 29	20 11.76	−23 10.4	1.468	2.361	14.5	20.7
9 8	20 7.56	−23 24.6	1.530	2.340	18.2	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
86121	1999 RE_{144}		7 30.1	320.°11	0.°9/29.6	18 R
	h m	° ′			°	m
6 30	21 0.55	−20 40.5	1.955	2.859	11.3	19.2
7 10	20 54.62	−20 46.1	1.885	2.851	7.9	19.0
7 20	20 46.91	−20 53.8	1.839	2.843	4.1	18.8
7 30	20 38.17	−21 0.4	1.820	2.835	0.9	18.5
8 9	20 29.39	−21 3.1	1.828	2.827	4.4	18.8
8 19	20 21.49	−21 0.1	1.863	2.820	8.2	19.0
8 29	20 15.34	−20 50.5	1.921	2.813	11.7	19.2
9 8	20 11.48	−20 34.3	2.001	2.806	14.7	19.4
388101	2005 UX_{301}		7 30.1	348.°84	6.°8/25.3	18
6 30	20 57.99	−31 35.7	1.552	2.471	12.7	19.4
7 10	20 53.42	−33 9.2	1.498	2.463	9.6	19.2
7 20	20 46.51	−34 38.1	1.468	2.456	7.2	19.0
7 30	20 38.17	−35 53.0	1.461	2.449	7.1	19.0
8 9	20 29.69	−36 46.6	1.479	2.444	9.5	19.1
8 19	20 22.34	−37 15.4	1.520	2.439	12.7	19.3
8 29	20 17.28	−37 19.7	1.582	2.436	15.8	19.5
9 8	20 15.19	−37 2.6	1.660	2.433	18.5	19.7
224186	2005 QS_{178}		7 30.1	292.°21	0.°2/30.2	18
6 30	21 0.89	−16 7.8	1.504	2.411	13.9	20.6
7 10	20 55.42	−16 37.3	1.424	2.390	9.8	20.3
7 20	20 47.58	−17 16.9	1.366	2.370	5.2	20.0
7 30	20 38.19	−18 2.2	1.334	2.349	0.2	19.5
8 9	20 28.44	−18 47.7	1.327	2.328	5.1	19.9
8 19	20 19.61	−19 28.1	1.344	2.308	10.1	20.1
8 29	20 12.92	−19 59.7	1.385	2.288	14.6	20.3
9 8	20 9.15	−20 20.6	1.444	2.267	18.5	20.5
282748	2006 GA_3		7 30.1	338.°42	0.°1/30.2	18
6 30	20 56.31	−12 57.4	1.396	2.306	14.5	19.6
7 10	20 52.24	−14 28.3	1.328	2.296	10.3	19.3
7 20	20 45.93	−16 17.7	1.282	2.286	5.4	19.0
7 30	20 38.18	−18 17.7	1.262	2.277	0.1	18.5
8 9	20 30.17	−20 18.1	1.267	2.269	5.2	18.9
8 19	20 23.12	−22 9.2	1.298	2.262	10.3	19.2
8 29	20 18.18	−23 43.6	1.351	2.256	14.8	19.4
9 8	20 16.10	−24 57.6	1.423	2.250	18.5	19.7
150593	2000 WM_{129}		7 30.1	248.°68	3.°9/ 1.7	18
6 30	20 58.38	− 6 6.6	2.268	3.131	11.6	20.0
7 10	20 52.89	− 5 56.3	2.193	3.126	8.8	19.8
7 20	20 45.97	− 5 57.9	2.141	3.121	6.0	19.6
7 30	20 38.20	− 6 10.6	2.116	3.115	4.0	19.5
8 9	20 30.34	− 6 32.7	2.118	3.110	4.7	19.5
8 19	20 23.14	− 7 1.3	2.148	3.104	7.3	19.7
8 29	20 17.31	− 7 33.2	2.202	3.099	10.2	19.8
9 8	20 13.34	− 8 5.3	2.280	3.093	12.9	20.0
442171	2010 WV_{11}		7 30.1	252.°97	2.°9/31.9	18
6 30	20 59.19	− 9 21.5	2.412	3.283	10.7	21.5
7 10	20 53.39	− 9 5.1	2.334	3.276	7.9	21.3
7 20	20 46.20	− 8 57.3	2.281	3.268	5.1	21.1
7 30	20 38.20	− 8 57.5	2.255	3.261	3.0	20.9
8 9	20 30.12	− 9 4.0	2.258	3.253	4.1	21.0
8 19	20 22.68	− 9 14.8	2.288	3.245	6.9	21.2
8 29	20 16.56	− 9 27.9	2.344	3.237	9.8	21.3
9 8	20 12.24	− 9 40.9	2.422	3.230	12.4	21.5
175716	1996 XW_{24}		7 30.1	268.°43	6.°6/25.4	18
6 30	21 3.20	−36 18.3	2.100	2.996	11.0	20.4
7 10	20 56.64	−37 20.4	2.040	2.987	8.6	20.2
7 20	20 48.03	−38 13.9	2.005	2.978	6.9	20.1
7 30	20 38.22	−38 52.2	1.995	2.968	6.8	20.1
8 9	20 28.31	−39 10.9	2.012	2.959	8.5	20.2
8 19	20 19.43	−39 8.6	2.053	2.949	10.9	20.3
8 29	20 12.53	−38 46.8	2.116	2.940	13.5	20.4
9 8	20 8.25	−38 8.8	2.198	2.930	15.7	20.6
376128	2011 AV_{45}		7 30.1	166.°13	0.°4/30.4	17
6 30	21 2.61	−15 42.1	1.851	2.746	12.3	22.2
7 10	20 56.06	−16 8.5	1.789	2.749	8.6	22.0
7 20	20 47.66	−16 42.3	1.752	2.753	4.5	21.7
7 30	20 38.22	−17 19.7	1.741	2.756	0.4	21.4
8 9	20 28.75	−17 56.3	1.757	2.758	4.2	21.7
8 19	20 20.25	−18 28.7	1.801	2.760	8.3	22.0
8 29	20 13.60	−18 54.3	1.869	2.761	11.9	22.2
9 8	20 9.35	−19 11.9	1.958	2.762	15.0	22.4
307207	2002 FA_{41}		7 30.1	97.°13	5.°0/25.8	18
6 30	21 1.18	−32 24.2	2.373	3.272	9.8	20.2
7 10	20 54.89	−33 42.5	2.336	3.289	7.3	20.1
7 20	20 46.98	−34 54.5	2.324	3.306	5.4	20.0
7 30	20 38.21	−35 54.8	2.339	3.322	5.2	20.0
8 9	20 29.47	−36 39.2	2.383	3.338	6.9	20.1
8 19	20 21.63	−37 6.0	2.452	3.354	9.2	20.3
8 29	20 15.44	−37 15.7	2.544	3.370	11.4	20.5
9 8	20 11.41	−37 10.6	2.657	3.385	13.3	20.6

316105 2009 OV_{24} 7 30.1 318.°21 2.°5/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.86	−11 8.0	2.137	3.019	11.4	19.8
7 10	20 53.30	−10 54.6	2.063	3.013	8.4	19.5
7 20	20 46.20	−10 49.7	2.014	3.006	5.1	19.3
7 30	20 38.21	−10 52.4	1.991	3.000	2.6	19.2
8 9	20 30.15	−11 0.5	1.996	2.994	4.1	19.3
8 19	20 22.83	−11 11.9	2.027	2.988	7.4	19.4
8 29	20 16.98	−11 24.3	2.084	2.983	10.6	19.6
9 8	20 13.13	−11 35.4	2.163	2.977	13.4	19.8

422837 2002 DB_{21} 7 30.1 79.°45 4.°3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.18	−28 29.8	1.667	2.576	12.7	20.8
7 10	20 57.93	−29 8.0	1.627	2.591	9.0	20.6
7 20	20 48.61	−29 41.2	1.610	2.606	5.6	20.5
7 30	20 38.25	−30 3.6	1.619	2.622	4.4	20.4
8 9	20 28.12	−30 11.1	1.654	2.637	6.8	20.6
8 19	20 19.37	−30 2.9	1.715	2.652	10.3	20.8
8 29	20 12.94	−29 40.4	1.798	2.667	13.5	21.1
9 8	20 9.30	−29 6.5	1.901	2.682	16.2	21.3

439344 2012 XE_{20} 7 30.1 33.°91 5.°2/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.57	− 5 21.0	1.610	2.486	14.8	19.8
7 10	20 54.03	− 4 58.1	1.555	2.493	11.4	19.6
7 20	20 46.65	− 4 51.8	1.520	2.501	7.9	19.5
7 30	20 38.24	− 5 1.7	1.510	2.509	5.4	19.3
8 9	20 29.86	− 5 25.1	1.526	2.517	6.2	19.4
8 19	20 22.51	− 5 58.1	1.566	2.526	9.2	19.6
8 29	20 17.06	− 6 36.0	1.629	2.536	12.6	19.8
9 8	20 14.06	− 7 14.1	1.713	2.545	15.6	20.1

317400 2002 PE_{114} 7 30.1 22.°59 1.°0/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.51	−14 49.1	1.059	1.981	17.0	20.4
7 10	20 54.65	−15 10.2	1.016	1.988	12.0	20.2
7 20	20 47.17	−15 44.5	0.992	1.996	6.4	19.9
7 30	20 38.26	−16 26.4	0.991	2.006	1.1	19.5
8 9	20 29.47	−17 9.1	1.012	2.016	5.6	19.9
8 19	20 22.25	−17 46.7	1.055	2.027	11.1	20.2
8 29	20 17.75	−18 15.2	1.119	2.040	15.8	20.6
9 8	20 16.55	−18 32.4	1.200	2.053	19.7	20.8

358864 2008 FS_{105} 7 30.1 8.°82 0.°4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.96	−17 34.7	1.933	2.836	11.4	21.0
7 10	20 52.82	−18 11.9	1.872	2.837	7.9	20.8
7 20	20 46.01	−18 55.2	1.835	2.838	4.1	20.6
7 30	20 38.25	−19 40.4	1.824	2.839	0.4	20.3
8 9	20 30.45	−20 23.2	1.841	2.841	4.2	20.6
8 19	20 23.50	−20 59.8	1.884	2.843	8.0	20.8
8 29	20 18.20	−21 28.0	1.951	2.845	11.5	21.0
9 8	20 15.09	−21 46.5	2.040	2.848	14.3	21.2

433668 2014 DV_{23} 7 30.1 343.°51 3.°0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.31	− 6 59.6	1.644	2.528	14.2	20.2
7 10	20 52.60	− 7 52.9	1.576	2.525	10.5	20.0
7 20	20 46.00	− 9 5.4	1.530	2.521	6.5	19.7
7 30	20 38.26	−10 33.0	1.509	2.519	3.2	19.5
8 9	20 30.36	−12 9.0	1.515	2.516	4.7	19.6
8 19	20 23.33	−13 46.1	1.547	2.514	8.7	19.8
8 29	20 18.10	−15 17.4	1.604	2.513	12.6	20.1
9 8	20 15.30	−16 37.7	1.681	2.511	16.0	20.3

27665 1978 VZ_5 7 30.1 167.°60 1.°9/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.61	−11 8.6	2.361	3.238	10.7	19.4
7 10	20 53.68	−11 18.6	2.294	3.242	7.7	19.2
7 20	20 46.36	−11 37.2	2.251	3.245	4.6	19.0
7 30	20 38.27	−12 2.3	2.236	3.247	2.0	18.8
8 9	20 30.14	−12 31.4	2.250	3.249	3.6	19.0
8 19	20 22.72	−13 1.6	2.291	3.251	6.7	19.2
8 29	20 16.67	−13 30.2	2.359	3.252	9.7	19.4
9 8	20 12.46	−13 55.3	2.449	3.253	12.3	19.5

393610 2003 WD_{172} 7 30.1 273.°40 2.°1/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.58	−21 6.0	1.982	2.886	11.2	21.3
7 10	20 54.88	−22 9.3	1.898	2.864	7.8	21.0
7 20	20 47.23	−23 18.1	1.838	2.841	4.2	20.8
7 30	20 38.28	−24 26.8	1.806	2.818	2.1	20.6
8 9	20 29.00	−25 29.3	1.802	2.794	5.3	20.7
8 19	20 20.40	−26 21.2	1.824	2.770	9.1	20.9
8 29	20 13.47	−26 59.5	1.870	2.746	12.7	21.1
9 8	20 8.93	−27 23.6	1.937	2.722	15.8	21.3

429516 2011 BA_{32} 7 30.1 134.°56 0.°5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.34	−17 12.0	1.789	2.688	12.4	22.1
7 10	20 55.92	−17 58.7	1.734	2.697	8.6	21.8
7 20	20 47.62	−18 52.1	1.704	2.706	4.4	21.6
7 30	20 38.29	−19 47.2	1.700	2.715	0.5	21.3
8 9	20 28.96	−20 38.5	1.724	2.723	4.5	21.7
8 19	20 20.66	−21 22.1	1.774	2.731	8.6	21.9
8 29	20 14.28	−21 55.4	1.849	2.738	12.2	22.2
9 8	20 10.35	−22 17.7	1.944	2.745	15.2	22.4

237798 2002 BJ_{27} 7 30.1 150.°78 0.°9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.97	−17 42.6	1.967	2.866	11.5	20.3
7 10	20 54.91	−18 47.8	1.908	2.872	7.9	20.1
7 20	20 47.10	−19 59.6	1.874	2.877	4.0	19.8
7 30	20 38.29	−21 12.4	1.868	2.883	0.9	19.6
8 9	20 29.41	−22 20.6	1.890	2.888	4.5	19.9
8 19	20 21.40	−23 19.5	1.940	2.892	8.3	20.1
8 29	20 15.11	−24 6.4	2.014	2.896	11.7	20.3
9 8	20 11.09	−24 40.5	2.110	2.900	14.5	20.5

387348 2012 WY_{20} 7 30.1 239.°42 1.°0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.18	−20 3.9	1.949	2.851	11.4	21.1
7 10	20 55.10	−20 30.3	1.882	2.847	7.9	20.9
7 20	20 47.22	−21 0.2	1.839	2.842	4.1	20.7
7 30	20 38.30	−21 29.6	1.823	2.837	1.1	20.4
8 9	20 29.30	−21 54.6	1.834	2.832	4.5	20.7
8 19	20 21.19	−22 12.4	1.872	2.827	8.4	20.9
8 29	20 14.83	−22 21.5	1.935	2.822	11.8	21.1
9 8	20 10.79	−22 21.8	2.018	2.816	14.8	21.3

443767 2015 MG_{55} 7 30.1 283.°14 6.°6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.68	+ 1 29.2	1.824	2.666	14.9	20.7
7 10	20 52.76	+ 1 19.5	1.745	2.656	12.1	20.5
7 20	20 46.08	+ 0 47.2	1.687	2.645	9.1	20.3
7 30	20 38.29	− 0 7.6	1.652	2.635	7.0	20.1
8 9	20 30.29	− 1 21.5	1.643	2.625	7.0	20.1
8 19	20 23.03	− 2 49.1	1.660	2.615	9.3	20.2
8 29	20 17.38	− 4 23.4	1.702	2.605	12.3	20.4
9 8	20 13.98	− 5 57.1	1.765	2.595	15.3	20.5

322003 2010 UE_{82} 7 30.1 276.°82 2.°1/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.02	−10 49.5	2.293	3.173	10.8	21.3
7 10	20 52.73	−10 57.8	2.210	3.159	7.9	21.1
7 20	20 45.97	−11 15.4	2.150	3.144	4.7	20.9
7 30	20 38.30	−11 40.7	2.118	3.129	2.2	20.7
8 9	20 30.47	−12 10.9	2.114	3.114	3.8	20.7
8 19	20 23.25	−12 43.2	2.137	3.098	7.0	20.9
8 29	20 17.37	−13 14.6	2.186	3.083	10.2	21.1
9 8	20 13.37	−13 42.7	2.257	3.068	13.0	21.3

17282 2000 LS_{34} 7 30.1 21.°61 6.°6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.86	− 2 18.5	1.663	2.526	15.1	16.6
7 10	20 53.54	− 1 40.3	1.606	2.531	12.0	16.4
7 20	20 46.42	− 1 20.4	1.569	2.537	8.9	16.2
7 30	20 38.30	− 1 19.4	1.556	2.544	6.8	16.1
8 9	20 30.19	− 1 35.7	1.569	2.551	7.1	16.1
8 19	20 23.04	− 2 5.6	1.605	2.559	9.6	16.3
8 29	20 17.71	− 2 44.2	1.665	2.567	12.6	16.5
9 8	20 14.74	− 3 26.2	1.745	2.576	15.4	16.7

445533 2011 BE_{161} 7 30.1 265.°09 3.°9/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.35	− 2 33.0	2.829	3.668	10.2	22.3
7 10	20 52.12	− 2 49.9	2.725	3.641	8.0	22.1
7 20	20 45.62	− 3 20.0	2.646	3.614	5.7	22.0
7 30	20 38.30	− 4 2.6	2.594	3.586	4.1	21.8
8 9	20 30.76	− 4 55.5	2.570	3.557	4.4	21.8
8 19	20 23.60	− 5 55.6	2.576	3.528	6.5	21.9
8 29	20 17.46	− 6 59.4	2.608	3.498	9.0	22.0
9 8	20 12.83	− 8 3.0	2.664	3.468	11.5	22.1

314068 2005 BV_{20} 7 30.1 112.°98 0.°7/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.15	−18 25.1	1.440	2.348	14.3	21.2
7 10	20 57.50	−18 57.2	1.388	2.355	9.9	20.9
7 20	20 48.56	−19 35.6	1.359	2.362	5.1	20.7
7 30	20 38.35	−20 14.8	1.354	2.369	0.7	20.4
8 9	20 28.19	−20 49.3	1.376	2.376	5.3	20.7
8 19	20 19.35	−21 15.2	1.423	2.383	10.0	21.0
8 29	20 12.89	−21 30.6	1.492	2.389	14.1	21.3
9 8	20 9.39	−21 35.3	1.580	2.395	17.5	21.5

490059 2008 TQ_{88} 7 30.1 323.°93 3.°2/28.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.88	−25 13.2	1.386	2.304	14.0	21.4
7 10	20 56.96	−25 29.2	1.318	2.289	9.9	21.1
7 20	20 48.45	−25 43.9	1.272	2.275	5.6	20.9
7 30	20 38.35	−25 51.4	1.250	2.261	3.3	20.7
8 9	20 28.09	−25 47.2	1.252	2.247	6.7	20.9
8 19	20 19.12	−25 29.4	1.279	2.234	11.3	21.1
8 29	20 12.66	−24 58.5	1.327	2.222	15.6	21.3
9 8	20 9.44	−24 16.9	1.392	2.211	19.3	21.5

392648 2011 UB_{144} 7 30.1 300.°32 6.°3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.84	−34 59.0	1.947	2.847	11.5	20.7
7 10	20 57.14	−35 46.7	1.889	2.840	8.9	20.5
7 20	20 48.34	−36 25.7	1.855	2.834	6.8	20.4
7 30	20 38.35	−36 49.6	1.846	2.828	6.5	20.4
8 9	20 28.34	−36 54.4	1.863	2.822	8.3	20.5
8 19	20 19.47	−36 39.2	1.905	2.815	10.9	20.6
8 29	20 12.72	−36 5.8	1.969	2.810	13.7	20.8
9 8	20 8.67	−35 17.8	2.053	2.804	16.1	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
294245	2007 UL_{52}		7 30.1	348.°45	8.°2/26.1	17
	h m	° ′			°	m
6 30	21 0.72	−31 4.3	1.012	1.946	16.5	19.3
7 10	20 56.15	−32 32.3	0.965	1.938	12.4	19.0
7 20	20 48.26	−33 54.1	0.938	1.932	9.0	18.8
7 30	20 38.35	−34 56.9	0.931	1.926	8.6	18.8
8 9	20 28.33	−35 30.9	0.946	1.922	11.6	18.9
8 19	20 20.13	−35 33.0	0.980	1.919	15.8	19.1
8 29	20 15.24	−35 5.5	1.032	1.917	19.9	19.4
9 8	20 14.39	−34 14.6	1.098	1.917	23.3	19.6
244821	2003 TJ_{6}		7 30.1	287.°13	6.°2/26.5	18
6 30	21 3.75	−28 49.4	1.378	2.296	14.1	20.0
7 10	20 57.86	−30 14.0	1.310	2.278	10.4	19.7
7 20	20 49.08	−31 37.8	1.265	2.260	7.0	19.5
7 30	20 38.37	−32 50.4	1.243	2.241	6.4	19.4
8 9	20 27.26	−33 42.8	1.246	2.223	9.4	19.5
8 19	20 17.35	−34 10.1	1.272	2.204	13.5	19.7
8 29	20 10.13	−34 12.1	1.318	2.186	17.5	19.9
9 8	20 6.46	−33 52.3	1.381	2.168	20.9	20.1
33139	1998 DU_{2}		7 30.1	249.°11	2.°3/28.4	18
6 30	21 2.40	−22 15.2	2.077	2.978	10.9	19.2
7 10	20 56.11	−23 18.2	1.994	2.958	7.6	19.0
7 20	20 47.87	−24 25.3	1.937	2.938	4.1	18.8
7 30	20 38.37	−25 30.6	1.907	2.918	2.4	18.6
8 9	20 28.55	−26 28.5	1.906	2.896	5.3	18.7
8 19	20 19.42	−27 14.8	1.932	2.874	9.0	18.9
8 29	20 11.95	−27 47.3	1.983	2.851	12.4	19.1
9 8	20 6.84	−28 6.0	2.054	2.828	15.4	19.3
490090	2008 UN		7 30.1	261.°79	3.°0/31.8	18
6 30	21 0.86	− 9 47.0	1.901	2.781	12.7	21.6
7 10	20 54.98	− 9 45.2	1.819	2.767	9.4	21.3
7 20	20 47.26	− 9 54.9	1.761	2.752	5.8	21.1
7 30	20 38.39	−10 14.7	1.728	2.737	3.1	20.9
8 9	20 29.30	−10 41.7	1.723	2.722	4.6	21.0
8 19	20 20.97	−11 12.6	1.744	2.706	8.3	21.1
8 29	20 14.29	−11 44.0	1.790	2.691	12.0	21.3
9 8	20 9.92	−12 12.6	1.857	2.675	15.2	21.5
309002	2006 UG_{50}		7 30.1	330.°45	9.°4/25.0	16
6 30	21 6.08	−41 18.0	1.660	2.553	13.6	21.1
7 10	20 59.16	−42 12.8	1.605	2.542	11.2	20.9
7 20	20 49.56	−42 52.0	1.572	2.531	9.6	20.8
7 30	20 38.41	−43 7.2	1.563	2.521	9.7	20.8
8 9	20 27.30	−42 54.1	1.576	2.512	11.3	20.9
8 19	20 17.71	−42 12.8	1.612	2.503	13.8	21.0
8 29	20 10.87	−41 7.5	1.669	2.494	16.4	21.2
9 8	20 7.38	−39 44.4	1.743	2.486	18.8	21.3
191687	2004 RK_{95}		7 30.2	336.°66	2.°0/31.1	17
6 30	21 0.66	−13 20.0	1.445	2.348	14.6	20.0
7 10	20 55.16	−13 19.7	1.380	2.342	10.5	19.7
7 20	20 47.44	−13 30.5	1.338	2.337	5.9	19.4
7 30	20 38.40	−13 49.6	1.319	2.332	2.0	19.2
8 9	20 29.25	−14 13.1	1.326	2.328	5.0	19.4
8 19	20 21.21	−14 37.1	1.357	2.324	9.6	19.6
8 29	20 15.34	−14 58.1	1.411	2.321	13.9	19.9
9 8	20 12.29	−15 13.6	1.484	2.318	17.5	20.1
467480	2006 SJ_{150}		7 30.2	4.°62	1.°8/30.9	17
6 30	20 56.66	−13 52.3	0.942	1.871	17.9	20.6
7 10	20 52.97	−13 59.7	0.895	1.870	12.8	20.3
7 20	20 46.48	−14 22.6	0.866	1.870	7.1	20.0
7 30	20 38.38	−14 56.9	0.858	1.872	1.9	19.7
8 9	20 30.28	−15 35.6	0.871	1.876	5.9	19.9
8 19	20 23.75	−16 12.5	0.905	1.881	11.6	20.3
8 29	20 20.05	−16 42.1	0.957	1.888	16.7	20.6
9 8	20 19.84	−17 1.3	1.027	1.897	21.0	20.9
487331	2014 QC_{174}		7 30.2	310.°66	2.°7/ 1.5	18
6 30	20 55.55	− 7 28.6	2.537	3.406	10.3	21.5
7 10	20 50.89	− 7 50.0	2.462	3.402	7.7	21.4
7 20	20 44.99	− 8 22.5	2.412	3.398	4.9	21.2
7 30	20 38.37	− 9 4.3	2.388	3.394	2.8	21.0
8 9	20 31.67	− 9 52.6	2.393	3.390	3.7	21.1
8 19	20 25.53	−10 43.9	2.425	3.386	6.3	21.3
8 29	20 20.55	−11 34.9	2.483	3.382	9.1	21.4
9 8	20 17.18	−12 22.6	2.565	3.379	11.6	21.6
445808	2012 BK_{84}		7 30.2	353.°81	0.°9/29.6	18
6 30	20 58.47	−19 31.3	2.136	3.038	10.5	21.1
7 10	20 53.11	−20 2.0	2.072	3.037	7.3	20.9
7 20	20 46.19	−20 36.5	2.033	3.036	3.7	20.7
7 30	20 38.39	−21 11.1	2.021	3.036	0.9	20.5
8 9	20 30.54	−21 42.1	2.037	3.035	4.1	20.7
8 19	20 23.49	−22 6.7	2.079	3.035	7.6	20.9
8 29	20 17.96	−22 23.2	2.147	3.035	10.8	21.1
9 8	20 14.48	−22 31.0	2.235	3.035	13.5	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
43469	2001 AP_{29}		7 30.2	346.°39	10.°0/23.2	18
	h m	° ′			°	m
6 30	20 58.06	−34 54.2	1.171	2.099	15.2	16.3
7 10	20 54.22	−37 1.8	1.123	2.087	12.1	16.1
7 20	20 47.30	−39 0.9	1.096	2.077	10.2	15.9
7 30	20 38.41	−40 37.3	1.091	2.067	10.7	15.9
8 9	20 29.25	−41 40.7	1.107	2.059	13.2	16.1
8 19	20 21.63	−42 6.8	1.143	2.053	16.6	16.2
8 29	20 17.04	−41 57.8	1.196	2.048	20.0	16.4
9 8	20 16.29	−41 19.6	1.264	2.045	22.8	16.6
159582	2001 XE_{31}		7 30.2	120.°60	11.°3/20.5	18
6 30	21 13.96	−50 40.9	2.107	2.951	13.1	20.4
7 10	21 4.69	−52 39.7	2.092	2.970	11.8	20.4
7 20	20 52.45	−54 16.1	2.100	2.989	11.3	20.4
7 30	20 38.49	−55 21.7	2.132	3.007	11.7	20.4
8 9	20 24.53	−55 52.8	2.187	3.024	12.8	20.6
8 19	20 12.27	−55 50.9	2.263	3.041	14.2	20.7
8 29	20 3.04	−55 21.2	2.356	3.057	15.6	20.8
9 8	19 57.50	−54 30.6	2.465	3.072	16.8	21.0
472186	2014 DW_{108}		7 30.2	355.°46	2.°4/31.7	18
6 30	20 58.56	−10 4.4	1.801	2.688	12.9	21.0
7 10	20 53.35	−10 29.8	1.735	2.688	9.4	20.8
7 20	20 46.39	−11 8.3	1.693	2.687	5.6	20.5
7 30	20 38.40	−11 56.9	1.676	2.687	2.5	20.3
8 9	20 30.33	−12 51.1	1.685	2.686	4.3	20.5
8 19	20 23.11	−13 46.2	1.721	2.686	8.1	20.7
8 29	20 17.60	−14 37.7	1.782	2.686	11.8	20.9
9 8	20 14.37	−15 22.4	1.864	2.687	14.9	21.1
388907	2008 SD_{70}		7 30.2	270.°84	1.°9/28.9	18
6 30	21 2.10	−21 36.2	1.842	2.747	11.8	21.4
7 10	20 56.05	−22 17.6	1.761	2.727	8.3	21.2
7 20	20 47.92	−23 2.8	1.705	2.708	4.4	20.9
7 30	20 38.46	−23 46.7	1.675	2.688	2.0	20.7
8 9	20 28.71	−24 24.0	1.672	2.667	5.3	20.9
8 19	20 19.78	−24 51.1	1.696	2.647	9.4	21.1
8 29	20 12.72	−25 6.1	1.743	2.626	13.2	21.3
9 8	20 8.22	−25 9.0	1.811	2.605	16.4	21.4
99676	2002 JR_{12}		7 30.2	150.°66	2.°3/28.9	18
6 30	21 3.78	−21 10.5	1.501	2.411	13.7	19.3
7 10	20 57.34	−22 8.8	1.446	2.415	9.5	19.0
7 20	20 48.57	−23 11.5	1.415	2.418	5.0	18.8
7 30	20 38.47	−24 11.4	1.409	2.421	2.4	18.6
8 9	20 28.32	−25 1.9	1.429	2.424	6.0	18.9
8 19	20 19.41	−25 38.6	1.474	2.426	10.4	19.1
8 29	20 12.81	−26 0.0	1.542	2.429	14.4	19.4
9 8	20 9.18	−26 6.7	1.629	2.431	17.6	19.6
364925	2008 FK_{13}		7 30.2	172.°89	3.°5/ 2.0	18
6 30	20 57.60	− 5 23.7	2.357	3.217	11.3	21.6
7 10	20 52.36	− 5 38.9	2.286	3.218	8.6	21.4
7 20	20 45.78	− 6 7.1	2.240	3.219	5.8	21.2
7 30	20 38.43	− 6 46.7	2.219	3.220	3.7	21.1
8 9	20 31.01	− 7 34.8	2.227	3.221	4.3	21.2
8 19	20 24.23	− 8 27.7	2.262	3.221	6.9	21.3
8 29	20 18.74	− 9 21.7	2.323	3.221	9.7	21.5
9 8	20 15.02	−10 13.2	2.408	3.221	12.2	21.7
434280	2003 XB_{32}		7 30.2	345.°89	2.°6/28.8	18
6 30	20 56.26	−21 22.6	1.183	2.113	14.9	19.9
7 10	20 52.58	−22 9.9	1.121	2.099	10.4	19.6
7 20	20 46.31	−23 3.6	1.081	2.086	5.5	19.3
7 30	20 38.43	−23 56.3	1.062	2.075	2.7	19.1
8 9	20 30.36	−24 40.4	1.067	2.065	6.8	19.3
8 19	20 23.54	−25 10.4	1.094	2.057	11.8	19.6
8 29	20 19.24	−25 23.6	1.140	2.051	16.4	19.8
9 8	20 18.21	−25 20.2	1.204	2.046	20.3	20.1
338723	2003 UL_{93}		7 30.2	254.°73	5.°8/ 2.9	18
6 30	20 59.66	− 0 18.6	2.222	3.058	12.7	21.3
7 10	20 54.00	− 0 7.3	2.130	3.039	10.3	21.1
7 20	20 46.74	− 0 12.3	2.061	3.019	7.8	20.9
7 30	20 38.45	− 0 34.1	2.017	2.999	6.0	20.8
8 9	20 29.90	− 1 11.0	2.000	2.978	6.2	20.8
8 19	20 21.92	− 2 0.0	2.009	2.957	8.4	20.8
8 29	20 15.29	− 2 56.6	2.045	2.935	11.1	21.0
9 8	20 10.61	− 3 56.1	2.102	2.913	13.9	21.1
489128	2006 DT_{33}		7 30.2	160.°59	0.°7/30.6	17
6 30	21 1.24	−14 40.0	2.088	2.978	11.3	22.3
7 10	20 55.02	−15 8.1	2.025	2.983	8.0	22.1
7 20	20 47.19	−15 43.6	1.987	2.987	4.3	21.8
7 30	20 38.46	−16 23.3	1.976	2.991	0.7	21.6
8 9	20 29.69	−17 3.1	1.994	2.995	3.8	21.8
8 19	20 21.75	−17 39.9	2.039	2.998	7.5	22.1
8 29	20 15.41	−18 10.9	2.109	3.001	10.8	22.3
9 8	20 11.20	−18 34.6	2.202	3.003	13.6	22.5

241833 2001 SR_{259} 7 30.2 335.°70 0.°2/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.12	−16 31.4	1.069	1.992	16.8	20.5
7 10	20 56.10	−16 51.6	1.011	1.984	11.9	20.2
7 20	20 48.18	−17 23.3	0.972	1.977	6.3	19.9
7 30	20 38.47	−18 1.2	0.955	1.971	0.3	19.4
8 9	20 28.59	−18 38.2	0.961	1.965	6.0	19.9
8 19	20 20.16	−19 8.9	0.989	1.960	11.8	20.2
8 29	20 14.57	−19 29.3	1.037	1.955	16.9	20.4
9 8	20 12.59	−19 38.0	1.101	1.952	21.2	20.7

176806 2002 TR_{26} 7 30.2 275.°60 3.°3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.91	− 7 32.2	2.054	2.926	12.2	20.5
7 10	20 53.61	− 7 46.0	1.964	2.905	9.2	20.3
7 20	20 46.59	− 8 13.5	1.897	2.884	5.9	20.1
7 30	20 38.47	− 8 53.2	1.857	2.863	3.4	19.9
8 9	20 30.09	− 9 41.8	1.844	2.842	4.5	19.9
8 19	20 22.31	−10 35.3	1.858	2.820	7.9	20.1
8 29	20 16.00	−11 29.4	1.897	2.798	11.4	20.2
9 8	20 11.78	−12 20.1	1.958	2.776	14.5	20.4

324388 2006 RH_{112} 7 30.2 96.°23 0.°9/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.38	−14 18.0	1.511	2.411	14.3	21.5
7 10	20 56.83	−14 48.5	1.464	2.426	10.1	21.3
7 20	20 48.22	−15 29.1	1.440	2.441	5.4	21.1
7 30	20 38.50	−16 15.0	1.440	2.455	0.9	20.8
8 9	20 28.89	−17 0.9	1.467	2.469	4.7	21.1
8 19	20 20.54	−17 42.1	1.520	2.483	9.2	21.4
8 29	20 14.38	−18 15.4	1.596	2.497	13.1	21.7
9 8	20 10.96	−18 39.3	1.693	2.511	16.4	21.9

152136 2004 TW_{192} 7 30.2 31.°99 0.°4/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.19	−15 40.2	2.023	2.921	11.3	20.3
7 10	20 52.95	−16 5.9	1.964	2.926	7.9	20.1
7 20	20 46.15	−16 38.6	1.929	2.930	4.2	19.8
7 30	20 38.49	−17 14.9	1.920	2.935	0.4	19.5
8 9	20 30.81	−17 50.8	1.939	2.941	3.8	19.8
8 19	20 23.96	−18 23.3	1.985	2.946	7.5	20.1
8 29	20 18.68	−18 49.8	2.055	2.952	10.8	20.3
9 8	20 15.47	−19 8.9	2.147	2.958	13.6	20.5

119034 2001 FR 7 30.2 318.°84 0.°7/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.13	−17 26.5	2.187	3.087	10.4	19.2
7 10	20 52.25	−18 27.8	2.117	3.082	7.2	19.0
7 20	20 45.83	−19 35.9	2.073	3.076	3.7	18.8
7 30	20 38.48	−20 46.3	2.057	3.071	0.7	18.5
8 9	20 31.01	−21 53.7	2.068	3.066	4.0	18.8
8 19	20 24.20	−22 54.1	2.107	3.061	7.6	19.0
8 29	20 18.83	−23 44.2	2.171	3.057	10.8	19.2
9 8	20 15.43	−24 22.7	2.257	3.052	13.5	19.4

41124 1999 VG_{91} 7 30.2 32.°95 3.°5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.17	−25 14.2	1.590	2.504	12.8	18.6
7 10	20 56.13	−25 59.6	1.539	2.507	9.0	18.3
7 20	20 47.92	−26 44.4	1.510	2.511	5.2	18.1
7 30	20 38.52	−27 22.2	1.508	2.516	3.6	18.0
8 9	20 29.15	−27 47.9	1.530	2.520	6.4	18.2
8 19	20 21.00	−27 58.9	1.578	2.525	10.3	18.5
8 29	20 15.06	−27 55.1	1.648	2.530	13.9	18.7
9 8	20 11.91	−27 38.2	1.738	2.535	16.9	18.9

504890 2010 WM_{35} 7 30.2 268.°86 0.°4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.20	−17 27.0	1.579	2.483	13.5	21.8
7 10	20 57.10	−18 1.2	1.498	2.463	9.5	21.6
7 20	20 48.61	−18 44.0	1.439	2.442	5.0	21.2
7 30	20 38.55	−19 30.6	1.406	2.421	0.4	20.9
8 9	20 28.10	−20 15.1	1.399	2.400	5.1	21.2
8 19	20 18.55	−20 52.6	1.418	2.378	10.0	21.4
8 29	20 11.11	−21 20.1	1.460	2.356	14.4	21.6
9 8	20 6.57	−21 36.3	1.521	2.334	18.2	21.8

479105 2013 AP_{160} 7 30.2 309.°04 3.°3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.08	− 6 16.4	1.718	2.597	13.9	20.6
7 10	20 52.57	− 7 2.7	1.635	2.581	10.5	20.4
7 20	20 46.15	− 8 8.8	1.575	2.564	6.7	20.1
7 30	20 38.51	− 9 31.8	1.541	2.548	3.6	19.9
8 9	20 30.57	−11 5.7	1.532	2.533	4.8	20.0
8 19	20 23.37	−12 43.6	1.550	2.517	8.7	20.1
8 29	20 17.85	−14 18.2	1.593	2.502	12.6	20.4
9 8	20 14.72	−15 43.8	1.657	2.488	16.1	20.5

314059 2005 AZ_{52} 7 30.2 193.°85 3.°7/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.01	− 8 10.8	1.732	2.606	14.0	21.4
7 10	20 57.26	− 8 5.3	1.662	2.605	10.5	21.1
7 20	20 48.51	− 8 13.6	1.615	2.603	6.7	20.9
7 30	20 38.57	− 8 34.1	1.594	2.600	3.9	20.7
8 9	20 28.51	− 9 3.8	1.600	2.596	5.2	20.8
8 19	20 19.41	− 9 38.8	1.632	2.592	8.9	21.0
8 29	20 12.23	−10 15.0	1.689	2.588	12.6	21.3
9 8	20 7.58	−10 48.9	1.766	2.582	15.9	21.5

471610 2012 SH_{39} 7 30.2 144.°48 6.°9/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.07	−38 1.8	2.040	2.927	11.7	21.3
7 10	21 0.66	−38 41.6	1.994	2.933	9.2	21.1
7 20	20 50.16	−39 9.2	1.971	2.940	7.3	21.0
7 30	20 38.60	−39 18.6	1.975	2.946	7.0	21.0
8 9	20 27.23	−39 7.0	2.005	2.952	8.5	21.1
8 19	20 17.23	−38 34.7	2.060	2.957	10.9	21.3
8 29	20 9.54	−37 45.0	2.138	2.962	13.3	21.5
9 8	20 4.65	−36 42.5	2.236	2.967	15.5	21.7

430651 2003 SO_{229} 7 30.2 353.°97 6.°9/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.94	−32 13.8	1.399	2.317	13.9	20.1
7 10	20 56.39	−33 18.2	1.348	2.313	10.5	19.9
7 20	20 48.22	−34 15.0	1.320	2.310	7.6	19.8
7 30	20 38.56	−34 55.6	1.315	2.307	7.1	19.7
8 9	20 28.88	−35 13.8	1.334	2.305	9.5	19.9
8 19	20 20.64	−35 7.8	1.375	2.304	13.0	20.1
8 29	20 15.03	−34 39.6	1.437	2.304	16.4	20.3
9 8	20 12.67	−33 53.6	1.516	2.305	19.3	20.5

346723 2009 AJ_{17} 7 30.2 321.°07 1.°0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 56.23	−11 18.2	1.367	2.274	15.0	20.3
7 10	20 52.50	−12 33.7	1.280	2.245	10.8	20.0
7 20	20 46.37	−14 11.8	1.214	2.216	6.0	19.6
7 30	20 38.53	−16 7.0	1.173	2.188	1.1	19.2
8 9	20 30.14	−18 10.0	1.157	2.160	5.2	19.4
8 19	20 22.52	−20 9.9	1.165	2.134	10.7	19.7
8 29	20 16.98	−21 57.4	1.196	2.108	15.7	19.9
9 8	20 14.49	−23 26.4	1.246	2.083	20.0	20.1

311583 2006 HL_{49} 7 30.2 250.°85 4.°1/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.66	−24 48.7	1.345	2.261	14.5	20.3
7 10	20 58.31	−25 50.8	1.288	2.258	10.2	20.1
7 20	20 49.26	−26 54.1	1.253	2.254	5.9	19.8
7 30	20 38.59	−27 50.1	1.243	2.251	4.2	19.7
8 9	20 27.80	−28 31.1	1.257	2.247	7.5	19.9
8 19	20 18.39	−28 53.4	1.295	2.243	12.0	20.1
8 29	20 11.62	−28 56.5	1.355	2.239	16.1	20.4
9 8	20 8.22	−28 42.7	1.432	2.235	19.6	20.6

188410 2004 EP_{75} 7 30.2 36.°57 0.°7/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.03	−14 16.1	1.158	2.074	16.3	19.7
7 10	20 54.89	−14 56.3	1.120	2.089	11.5	19.5
7 20	20 47.36	−15 49.7	1.102	2.105	6.1	19.2
7 30	20 38.57	−16 49.6	1.107	2.122	0.8	18.9
8 9	20 29.96	−17 48.6	1.136	2.140	5.3	19.3
8 19	20 22.84	−18 40.3	1.188	2.158	10.4	19.6
8 29	20 18.26	−19 20.7	1.262	2.177	14.8	19.9
9 8	20 16.74	−19 48.0	1.354	2.196	18.4	20.2

382539 2001 TM_{178} 7 30.2 326.°04 4.°3/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.38	− 8 55.5	1.319	2.217	16.0	20.3
7 10	20 54.54	− 8 41.3	1.249	2.204	12.1	20.0
7 20	20 47.32	− 8 43.5	1.198	2.191	7.7	19.7
7 30	20 38.58	− 9 1.1	1.171	2.178	4.4	19.5
8 9	20 29.59	− 9 30.9	1.167	2.167	6.0	19.6
8 19	20 21.65	−10 8.0	1.187	2.156	10.4	19.8
8 29	20 15.96	−10 47.1	1.228	2.146	14.9	20.0
9 8	20 13.27	−11 23.3	1.287	2.136	18.8	20.3

59639 1999 JS_{83} 7 30.2 58.°06 5.°0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.93	− 2 57.5	1.529	2.399	15.8	18.5
7 10	20 53.78	− 3 31.2	1.475	2.411	12.1	18.3
7 20	20 46.71	− 4 27.2	1.442	2.422	8.3	18.1
7 30	20 38.57	− 5 42.5	1.433	2.434	5.3	17.9
8 9	20 30.43	− 7 10.8	1.450	2.445	5.8	18.0
8 19	20 23.34	− 8 44.7	1.492	2.457	9.1	18.2
8 29	20 18.19	−10 16.5	1.558	2.469	12.7	18.5
9 8	20 15.55	−11 40.3	1.645	2.482	16.0	18.7

92488 2000 LH_{36} 7 30.2 337.°05 4.°2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 55.86	−21 45.8	0.915	1.857	16.9	17.8
7 10	20 52.94	−23 11.8	0.857	1.839	11.9	17.4
7 20	20 46.82	−24 49.1	0.817	1.823	6.6	17.1
7 30	20 38.58	−26 25.8	0.797	1.808	4.4	16.9
8 9	20 29.93	−27 48.8	0.799	1.795	9.0	17.1
8 19	20 22.74	−28 48.3	0.820	1.784	14.7	17.3
8 29	20 18.70	−29 20.2	0.858	1.774	19.9	17.6
9 8	20 18.71	−29 25.2	0.911	1.766	24.3	17.9

45477 2000 AA_{227} 7 30.2 334.°80 0.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.67	−21 13.5	1.477	2.388	13.8	18.1
7 10	20 57.35	−20 54.0	1.409	2.377	9.7	17.9
7 20	20 48.67	−20 35.1	1.363	2.367	5.0	17.6
7 30	20 38.62	−20 13.9	1.342	2.357	0.7	17.2
8 9	20 28.49	−19 48.3	1.346	2.348	5.2	17.5
8 19	20 19.58	−19 17.4	1.376	2.339	9.9	17.8
8 29	20 12.99	−18 41.6	1.428	2.332	14.2	18.0
9 8	20 9.39	−18 1.6	1.500	2.325	17.8	18.2

120545 1994 WS 7 30.2 333.°70 2.°5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.72	−20 56.8	0.932	1.870	17.1	18.1
7 10	20 54.21	−21 32.3	0.869	1.850	12.1	17.8
7 20	20 47.48	−22 16.0	0.824	1.831	6.4	17.4
7 30	20 38.60	−23 0.0	0.800	1.813	2.5	17.1
8 9	20 29.32	−23 35.6	0.796	1.797	7.5	17.3
8 19	20 21.50	−23 56.3	0.812	1.783	13.6	17.6
8 29	20 16.81	−23 59.3	0.846	1.770	19.1	17.8
9 8	20 16.15	−23 45.0	0.894	1.759	23.8	18.1

423016 2003 SQ_{405} 7 30.2 334.°98 4.°7/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.11	−23 39.0	1.100	2.031	15.7	20.2
7 10	20 54.88	−25 10.6	1.043	2.020	11.1	19.9
7 20	20 47.70	−26 48.5	1.006	2.009	6.5	19.6
7 30	20 38.61	−28 21.2	0.992	2.000	5.0	19.5
8 9	20 29.23	−29 37.4	1.000	1.991	8.8	19.7
8 19	20 21.24	−30 29.8	1.030	1.983	13.7	19.9
8 29	20 16.12	−30 56.0	1.080	1.976	18.3	20.2
9 8	20 14.70	−30 57.9	1.144	1.970	22.2	20.4

189526 2000 PW_4 7 30.2 6.°86 0.°5/30.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.29	−22 26.1	0.958	1.890	17.4	18.2
7 10	20 57.58	−21 27.2	0.913	1.891	12.2	17.9
7 20	20 48.88	−20 26.6	0.887	1.893	6.3	17.6
7 30	20 38.63	−19 23.1	0.883	1.898	0.5	17.2
8 9	20 28.67	−18 17.0	0.901	1.905	6.1	17.7
8 19	20 20.64	−17 10.3	0.940	1.914	11.9	18.0
8 29	20 15.76	−16 4.9	1.000	1.924	16.8	18.3
9 8	20 14.54	−15 1.9	1.076	1.937	20.9	18.6

193564 2001 AW_{15} 7 30.2 216.°08 1.°4/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.82	−19 12.8	2.029	2.929	11.1	20.3
7 10	20 54.97	−20 20.1	1.959	2.923	7.7	20.0
7 20	20 47.34	−21 33.4	1.915	2.918	4.0	19.8
7 30	20 38.61	−22 47.2	1.898	2.912	1.5	19.6
8 9	20 29.70	−23 55.6	1.910	2.905	4.7	19.8
8 19	20 21.56	−24 54.1	1.949	2.899	8.5	20.0
8 29	20 15.06	−25 40.0	2.013	2.891	11.8	20.2
9 8	20 10.82	−26 12.4	2.098	2.884	14.7	20.4

491065 2011 QW_{83} 7 30.2 299.°78 4.°5/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.78	−29 1.9	1.764	2.672	12.1	20.8
7 10	20 57.44	−29 36.0	1.685	2.648	8.8	20.5
7 20	20 48.78	−30 6.5	1.628	2.624	5.7	20.3
7 30	20 38.64	−30 27.3	1.597	2.599	4.6	20.2
8 9	20 28.23	−30 33.3	1.593	2.575	7.1	20.3
8 19	20 18.80	−30 22.6	1.613	2.551	10.8	20.4
8 29	20 11.49	−29 55.7	1.656	2.527	14.4	20.6
9 8	20 7.04	−29 15.2	1.718	2.503	17.5	20.8

392942 2012 WU_5 7 30.2 232.°50 1.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.29	−21 43.6	1.933	2.837	11.4	21.4
7 10	20 55.31	−22 21.8	1.868	2.834	7.9	21.2
7 20	20 47.50	−23 2.5	1.828	2.831	4.2	20.9
7 30	20 38.62	−23 41.0	1.815	2.828	1.9	20.8
8 9	20 29.66	−24 13.0	1.829	2.824	4.9	21.0
8 19	20 21.61	−24 35.4	1.870	2.821	8.6	21.2
8 29	20 15.33	−24 46.8	1.934	2.817	12.1	21.4
9 8	20 11.41	−24 47.6	2.020	2.813	15.0	21.6

513355 2008 AA_7 7 30.2 298.°13 6.°3/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.94	− 1 52.4	1.892	2.744	14.0	21.0
7 10	20 54.34	− 1 16.4	1.818	2.737	11.2	20.8
7 20	20 47.00	− 0 56.8	1.767	2.731	8.4	20.6
7 30	20 38.61	− 0 54.5	1.739	2.724	6.5	20.5
8 9	20 30.09	− 1 8.2	1.738	2.718	6.8	20.5
8 19	20 22.34	− 1 35.2	1.762	2.712	9.2	20.6
8 29	20 16.21	− 2 11.2	1.810	2.706	12.1	20.8
9 8	20 12.30	− 2 51.5	1.879	2.700	14.9	21.0

353489 2011 ST_{70} 7 30.2 276.°74 0.°1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.43	−16 17.5	1.980	2.878	11.5	20.6
7 10	20 53.96	−16 48.2	1.911	2.873	8.0	20.4
7 20	20 46.79	−17 25.9	1.867	2.869	4.2	20.1
7 30	20 38.61	−18 7.0	1.849	2.864	0.2	19.8
8 9	20 30.33	−18 47.3	1.858	2.859	4.0	20.1
8 19	20 22.85	−19 23.2	1.894	2.854	7.9	20.3
8 29	20 16.99	−19 52.0	1.955	2.850	11.4	20.5
9 8	20 13.32	−20 12.4	2.037	2.845	14.4	20.7

79418 Zhangjiajie 7 30.2 10.°61 0.°1/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.98	−15 40.0	1.311	2.224	15.0	18.5
7 10	20 54.90	−16 30.9	1.256	2.225	10.5	18.2
7 20	20 47.46	−17 33.8	1.222	2.226	5.5	17.9
7 30	20 38.62	−18 42.0	1.213	2.228	0.1	17.5
8 9	20 29.70	−19 48.1	1.228	2.230	5.3	17.9
8 19	20 22.01	−20 45.6	1.267	2.233	10.3	18.2
8 29	20 16.68	−21 30.3	1.328	2.236	14.8	18.5
9 8	20 14.35	−22 0.5	1.408	2.239	18.4	18.7

115250 2003 SF_{156} 7 30.2 257.°47 2.°7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.01	−23 8.4	1.477	2.389	13.8	20.1
7 10	20 58.41	−23 43.0	1.411	2.380	9.7	19.9
7 20	20 49.30	−24 19.3	1.368	2.371	5.3	19.6
7 30	20 38.66	−24 51.3	1.350	2.362	2.7	19.4
8 9	20 27.86	−25 13.2	1.358	2.353	6.3	19.6
8 19	20 18.28	−25 21.9	1.390	2.343	10.8	19.8
8 29	20 11.11	−25 16.8	1.445	2.334	15.0	20.1
9 8	20 7.08	−24 59.4	1.518	2.324	18.5	20.3

50390 2000 CE_{93} 7 30.2 120.°88 2.°0/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.16	−10 3.7	2.039	2.920	11.9	19.1
7 10	20 53.64	−10 40.5	1.977	2.927	8.7	18.9
7 20	20 46.57	−11 29.2	1.940	2.934	5.1	18.7
7 30	20 38.62	−12 26.3	1.929	2.941	2.1	18.5
8 9	20 30.63	−13 27.5	1.947	2.947	3.9	18.7
8 19	20 23.43	−14 28.1	1.991	2.954	7.4	18.9
8 29	20 17.78	−15 24.3	2.061	2.960	10.7	19.1
9 8	20 14.18	−16 13.0	2.154	2.966	13.5	19.3

2125 Karl–Ontjes 7 30.2 340.°34 0.°2/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.08	−17 48.4	1.615	2.523	13.0	15.7
7 10	20 54.69	−18 5.1	1.550	2.517	9.1	15.5
7 20	20 47.26	−18 28.0	1.508	2.512	4.7	15.2
7 30	20 38.63	−18 53.4	1.491	2.507	0.2	14.8
8 9	20 29.92	−19 16.9	1.501	2.502	4.6	15.2
8 19	20 22.22	−19 35.3	1.535	2.498	9.1	15.4
8 29	20 16.51	−19 46.2	1.593	2.495	13.1	15.7
9 8	20 13.41	−19 48.9	1.670	2.492	16.4	15.9

42224 2001 DT_{65} 7 30.2 138.°01 3.°2/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 56.82	− 5 29.4	2.409	3.269	11.1	19.1
7 10	20 51.86	− 6 0.4	2.339	3.272	8.4	18.9
7 20	20 45.61	− 6 44.6	2.293	3.274	5.5	18.7
7 30	20 38.60	− 7 40.0	2.274	3.277	3.3	18.6
8 9	20 31.54	− 8 43.0	2.283	3.279	4.0	18.6
8 19	20 25.08	− 9 49.6	2.321	3.281	6.6	18.8
8 29	20 19.87	−10 55.5	2.384	3.283	9.4	19.0
9 8	20 16.37	−11 57.3	2.471	3.285	12.0	19.2

418124 2007 YD_{58} 7 30.2 209.°50 2.°1/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.76	−20 54.1	1.669	2.575	12.8	21.7
7 10	20 57.31	−21 53.7	1.604	2.571	8.9	21.5
7 20	20 48.66	−22 58.3	1.563	2.566	4.7	21.2
7 30	20 38.67	−24 1.2	1.549	2.561	2.2	21.0
8 9	20 28.50	−24 56.1	1.561	2.555	5.7	21.3
8 19	20 19.36	−25 38.3	1.599	2.549	9.9	21.5
8 29	20 12.31	−26 5.8	1.661	2.543	13.7	21.7
9 8	20 8.04	−26 18.9	1.742	2.536	17.0	21.9

438270 2005 YZ 7 30.2 151.°24 9.°3/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 11.92	−48 52.2	2.555	3.398	11.1	22.4
7 10	21 2.94	−50 33.4	2.527	3.411	9.8	22.3
7 20	20 51.55	−51 57.2	2.524	3.422	9.3	22.3
7 30	20 38.73	−52 57.0	2.547	3.433	9.6	22.3
8 9	20 25.79	−53 29.1	2.594	3.442	10.7	22.4
8 19	20 14.09	−53 33.7	2.664	3.451	12.0	22.5
8 29	20 4.74	−53 14.3	2.753	3.459	13.4	22.7
9 8	19 58.41	−52 36.0	2.859	3.466	14.7	22.8

476485 2008 FT_{63} 7 30.2 123.°94 5.°7/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.84	−37 8.0	2.610	3.496	9.5	21.2
7 10	20 56.76	−38 4.2	2.571	3.510	7.4	21.1
7 20	20 48.12	−38 51.3	2.558	3.525	6.0	21.0
7 30	20 38.66	−39 24.7	2.571	3.538	5.9	21.1
8 9	20 29.28	−39 41.4	2.612	3.552	7.2	21.2
8 19	20 20.85	−39 40.9	2.679	3.565	9.1	21.3
8 29	20 14.09	−39 24.5	2.769	3.577	11.0	21.5
9 8	20 9.47	−38 54.9	2.880	3.589	12.8	21.6

188424 2004 FS_{80} 7 30.2 115.°06 1.°8/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.29	−21 4.8	1.679	2.583	12.8	21.1
7 10	20 57.46	−21 49.6	1.631	2.596	8.8	20.9
7 20	20 48.61	−22 37.3	1.606	2.609	4.6	20.7
7 30	20 38.68	−23 22.1	1.609	2.621	1.9	20.6
8 9	20 28.84	−23 58.9	1.638	2.633	5.3	20.8
8 19	20 20.19	−24 24.5	1.693	2.645	9.3	21.1
8 29	20 13.66	−24 37.9	1.772	2.656	12.9	21.3
9 8	20 9.79	−24 39.8	1.870	2.667	15.9	21.6

190520 2000 PN_{26} 7 30.2 295.°82 7.°3/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.89	−34 57.5	1.627	2.529	13.3	19.4
7 10	21 0.75	−35 47.3	1.545	2.498	10.3	19.2
7 20	20 50.71	−36 28.3	1.486	2.467	7.9	19.0
7 30	20 38.74	−36 51.8	1.451	2.435	7.5	18.9
8 9	20 26.33	−36 51.2	1.441	2.404	9.8	18.9
8 19	20 15.09	−36 24.7	1.455	2.372	13.2	19.1
8 29	20 6.45	−35 34.6	1.490	2.340	16.8	19.2
9 8	20 1.29	−34 26.2	1.542	2.308	20.0	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
252901	2002 JW_{123}		7 30.2	84.°41	1.°2/30.9	17
	h m	° ′			°	m
6 30	21 2.46	−12 40.3	1.371	2.273	15.3	20.7
7 10	20 56.44	−13 26.2	1.323	2.285	10.9	20.5
7 20	20 48.18	−14 26.0	1.297	2.298	5.9	20.2
7 30	20 38.69	−15 33.7	1.296	2.310	1.3	20.0
8 9	20 29.25	−16 42.2	1.320	2.322	4.9	20.2
8 19	20 21.10	−17 45.1	1.369	2.334	9.7	20.6
8 29	20 15.27	−18 37.9	1.440	2.347	13.9	20.8
9 8	20 12.33	−19 18.2	1.532	2.358	17.4	21.1
459666	2013 LQ		7 30.2	62.°87	2.°2/31.2	17
6 30	21 4.68	−12 36.9	1.152	2.059	17.1	20.9
7 10	20 58.08	−12 45.7	1.115	2.079	12.2	20.7
7 20	20 49.01	−13 8.5	1.099	2.099	6.9	20.4
7 30	20 38.71	−13 41.0	1.105	2.119	2.3	20.2
8 9	20 28.69	−14 17.3	1.136	2.139	5.5	20.5
8 19	20 20.34	−14 52.2	1.190	2.159	10.4	20.8
8 29	20 14.69	−15 21.6	1.266	2.180	14.9	21.1
9 8	20 12.24	−15 43.1	1.360	2.200	18.5	21.4
201160	2002 LK_{32}		7 30.2	67.°39	7.°9/ 4.5	18
6 30	20 59.16	+ 3 11.8	1.770	2.602	15.6	20.0
7 10	20 53.82	+ 3 31.7	1.708	2.608	12.9	19.8
7 20	20 46.75	+ 3 28.9	1.667	2.614	10.1	19.6
7 30	20 38.68	+ 3 2.8	1.649	2.620	8.2	19.5
8 9	20 30.56	+ 2 15.7	1.655	2.626	8.1	19.6
8 19	20 23.32	+ 1 12.5	1.687	2.632	9.9	19.7
8 29	20 17.79	− 0 0.7	1.742	2.638	12.5	19.9
9 8	20 14.52	− 1 16.8	1.818	2.644	15.1	20.0
180593	2004 FG_{51}		7 30.2	91.°69	4.°6/27.9	18
6 30	21 5.86	−27 47.9	1.499	2.411	13.6	20.0
7 10	20 58.83	−28 35.9	1.454	2.419	9.7	19.8
7 20	20 49.42	−29 20.0	1.431	2.428	6.0	19.6
7 30	20 38.73	−29 52.9	1.433	2.436	4.7	19.5
8 9	20 28.17	−30 9.7	1.461	2.445	7.4	19.7
8 19	20 19.06	−30 8.6	1.513	2.453	11.1	19.9
8 29	20 12.46	−29 51.0	1.587	2.461	14.7	20.2
9 8	20 8.93	−29 19.8	1.680	2.469	17.7	20.4
478386	2012 BK_{16}		7 30.2	200.°62	1.°6/28.7	18
6 30	20 59.04	−23 19.1	3.227	4.120	7.6	23.3
7 10	20 53.23	−23 56.0	3.155	4.115	5.3	23.1
7 20	20 46.28	−24 33.5	3.109	4.110	2.9	22.9
7 30	20 38.67	−25 8.5	3.093	4.103	1.6	22.8
8 9	20 30.99	−25 38.4	3.107	4.097	3.5	23.0
8 19	20 23.81	−26 1.5	3.150	4.090	6.0	23.1
8 29	20 17.69	−26 16.6	3.219	4.082	8.3	23.3
9 8	20 13.04	−26 23.8	3.311	4.074	10.3	23.4
131569	2001 VE_{63}		7 30.2	279.°27	4.°0/28.4	17
6 30	21 5.75	−25 15.4	1.324	2.240	14.7	20.4
7 10	20 59.32	−25 59.8	1.254	2.224	10.5	20.1
7 20	20 49.98	−26 45.0	1.206	2.207	6.1	19.8
7 30	20 38.75	−27 22.8	1.182	2.190	4.1	19.6
8 9	20 27.19	−27 46.4	1.182	2.173	7.6	19.8
8 19	20 16.92	−27 51.9	1.206	2.156	12.4	20.0
8 29	20 9.38	−27 39.3	1.251	2.139	16.9	20.2
9 8	20 5.40	−27 11.2	1.313	2.122	20.7	20.4
9544	Scottbirney		7 30.2	120.°72	2.°4/28.4	18
6 30	20 59.89	−24 39.0	2.451	3.352	9.4	17.7
7 10	20 54.02	−25 19.5	2.396	3.359	6.6	17.5
7 20	20 46.74	−25 59.6	2.367	3.367	3.7	17.4
7 30	20 38.69	−26 35.3	2.366	3.374	2.4	17.3
8 9	20 30.65	−27 3.3	2.394	3.382	4.6	17.4
8 19	20 23.38	−27 21.5	2.448	3.389	7.4	17.6
8 29	20 17.54	−27 29.4	2.528	3.396	10.1	17.8
9 8	20 13.61	−27 27.4	2.629	3.403	12.4	18.0
93010	2000 RD_{87}		7 30.2	222.°16	3.°1/ 1.1	18
6 30	21 0.55	− 8 39.9	1.807	2.687	13.3	19.8
7 10	20 54.85	− 8 52.4	1.737	2.684	9.9	19.6
7 20	20 47.33	− 9 18.7	1.690	2.680	6.2	19.4
7 30	20 38.71	− 9 56.7	1.668	2.676	3.2	19.2
8 9	20 29.97	−10 42.4	1.673	2.672	4.7	19.3
8 19	20 22.07	−11 31.4	1.705	2.668	8.3	19.5
8 29	20 15.91	−12 19.4	1.761	2.664	12.0	19.7
9 8	20 12.08	−13 2.7	1.838	2.660	15.2	19.9
450127	2015 RS_{213}		7 30.2	6.°22	0.°6/29.9	18
6 30	21 1.12	−20 6.1	2.013	2.914	11.1	20.3
7 10	20 55.06	−20 7.7	1.950	2.914	7.8	20.1
7 20	20 47.34	−20 11.7	1.912	2.915	4.0	19.9
7 30	20 38.71	−20 15.1	1.901	2.916	0.6	19.6
8 9	20 30.09	−20 15.3	1.917	2.917	4.1	19.9
8 19	20 22.38	−20 10.9	1.960	2.918	7.8	20.1
8 29	20 16.37	−20 0.9	2.027	2.919	11.2	20.4
9 8	20 12.56	−19 45.3	2.116	2.921	14.0	20.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
454942	2015 TL_{184}		7 30.2	304.°56	0.°9/29.6	18
	h m	° ′			°	m
6 30	20 58.39	−19 17.5	2.133	3.035	10.6	20.8
7 10	20 53.24	−19 51.0	2.058	3.023	7.4	20.6
7 20	20 46.45	−20 29.1	2.008	3.011	3.8	20.4
7 30	20 38.69	−21 7.9	1.984	2.999	0.9	20.1
8 9	20 30.79	−21 43.5	1.989	2.987	4.1	20.3
8 19	20 23.59	−22 12.8	2.020	2.976	7.8	20.5
8 29	20 17.90	−22 33.7	2.076	2.964	11.1	20.7
9 8	20 14.27	−22 45.4	2.153	2.953	13.9	20.9
149174	2002 JX_3		7 30.2	92.°44	1.°2/31.4	18
6 30	20 58.40	−10 10.9	2.326	3.203	10.8	19.6
7 10	20 53.01	−11 27.5	2.266	3.216	7.7	19.5
7 20	20 46.24	−12 55.6	2.233	3.229	4.3	19.3
7 30	20 38.70	−14 30.3	2.228	3.241	1.3	19.1
8 9	20 31.12	−16 6.3	2.253	3.254	3.4	19.3
8 19	20 24.21	−17 38.1	2.307	3.267	6.7	19.5
8 29	20 18.65	−19 1.6	2.388	3.279	9.7	19.7
9 8	20 14.91	−20 13.8	2.493	3.292	12.3	19.9
47379	1999 XB_{97}		7 30.2	126.°53	2.°1/31.3	18
6 30	21 4.49	−12 25.2	1.678	2.566	13.7	18.2
7 10	20 57.55	−12 25.5	1.622	2.576	9.9	17.9
7 20	20 48.68	−12 35.9	1.590	2.587	5.7	17.7
7 30	20 38.76	−12 53.8	1.584	2.596	2.2	17.5
8 9	20 28.89	−13 15.8	1.605	2.606	4.5	17.7
8 19	20 20.15	−13 38.4	1.652	2.615	8.6	18.0
8 29	20 13.44	−13 58.9	1.724	2.623	12.4	18.2
9 8	20 9.29	−14 15.0	1.816	2.632	15.5	18.4
503879	2000 UJ_3		7 30.2	244.°01	13.°4/17.2	18
6 30	21 20.90	−55 23.4	2.023	2.842	14.4	22.1
7 10	21 10.75	−57 22.9	1.971	2.821	13.6	22.0
7 20	20 56.33	−58 59.5	1.941	2.799	13.4	22.0
7 30	20 38.93	−60 1.8	1.932	2.775	14.0	21.9
8 9	20 20.81	−60 23.0	1.945	2.751	15.3	22.0
8 19	20 4.54	−60 3.4	1.977	2.726	16.9	22.1
8 29	19 52.19	−59 9.0	2.025	2.700	18.5	22.1
9 8	19 44.80	−57 48.9	2.087	2.673	20.0	22.2
4721	Atahualpa		7 30.2	40.°56	4.°2/28.4	18
6 30	21 4.27	−24 53.8	1.104	2.030	16.1	16.4
7 10	20 58.17	−25 45.6	1.066	2.040	11.3	16.2
7 20	20 49.23	−26 36.8	1.047	2.050	6.5	16.0
7 30	20 38.76	−27 18.6	1.052	2.061	4.3	15.9
8 9	20 28.50	−27 43.9	1.079	2.072	7.8	16.1
8 19	20 20.02	−27 50.2	1.129	2.084	12.5	16.4
8 29	20 14.55	−27 38.2	1.198	2.096	16.8	16.7
9 8	20 12.62	−27 11.2	1.285	2.108	20.3	17.0
508324	2015 LF_{34}		7 30.2	211.°01	0.°7/29.7	18
6 30	21 0.08	−18 40.8	2.015	2.916	11.2	21.1
7 10	20 54.41	−19 17.1	1.951	2.915	7.8	20.9
7 20	20 47.06	−19 58.3	1.911	2.914	4.0	20.7
7 30	20 38.73	−20 40.3	1.898	2.913	0.8	20.4
8 9	20 30.33	−21 18.8	1.913	2.912	4.2	20.7
8 19	20 22.76	−21 50.7	1.955	2.911	8.0	20.9
8 29	20 16.84	−22 13.7	2.021	2.910	11.3	21.1
9 8	20 13.09	−22 27.2	2.109	2.909	14.2	21.3
104724	2000 GK_{176}		7 30.2	255.°41	0.°0/30.2	18
6 30	21 0.49	−16 54.3	1.954	2.852	11.6	20.0
7 10	20 54.76	−17 19.8	1.884	2.847	8.1	19.8
7 20	20 47.27	−17 51.6	1.839	2.841	4.2	19.6
7 30	20 38.74	−18 26.3	1.820	2.835	0.1	19.2
8 9	20 30.10	−18 59.6	1.828	2.829	4.1	19.5
8 19	20 22.29	−19 28.5	1.863	2.823	8.0	19.8
8 29	20 16.14	−19 50.4	1.923	2.817	11.6	20.0
9 8	20 12.25	−20 4.4	2.004	2.811	14.6	20.2
183624	2003 UG_{260}		7 30.2	307.°01	6.°5/25.3	18
6 30	21 0.98	−30 24.2	1.612	2.527	12.6	19.1
7 10	20 55.82	−32 7.9	1.541	2.505	9.5	18.9
7 20	20 48.14	−33 50.7	1.494	2.483	7.0	18.7
7 30	20 38.76	−35 22.5	1.472	2.462	6.9	18.6
8 9	20 28.93	−36 34.7	1.476	2.440	9.4	18.7
8 19	20 20.04	−37 21.8	1.503	2.420	12.9	18.9
8 29	20 13.40	−37 43.0	1.550	2.399	16.3	19.0
9 8	20 9.86	−37 40.8	1.615	2.379	19.3	19.2
425646	2010 VJ_{196}		7 30.2	183.°55	0.°0/30.2	17
6 30	21 5.06	−17 47.0	1.561	2.464	13.7	21.7
7 10	20 58.20	−17 54.6	1.500	2.464	9.6	21.5
7 20	20 49.13	−18 7.9	1.462	2.464	5.0	21.2
7 30	20 38.78	−18 23.0	1.449	2.464	0.1	20.8
8 9	20 28.41	−18 36.1	1.462	2.463	4.8	21.2
8 19	20 19.22	−18 44.5	1.501	2.463	9.4	21.5
8 29	20 12.26	−18 46.4	1.564	2.462	13.5	21.7
9 8	20 8.13	−18 41.5	1.646	2.461	16.9	21.9

506789 2007 BY_{42} 7 30.2 202.°02 0.°3/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.87	−17 9.9	1.896	2.792	12.0	22.5
7 10	20 56.47	−17 45.7	1.828	2.789	8.4	22.3
7 20	20 48.19	−18 28.2	1.783	2.785	4.3	22.1
7 30	20 38.77	−19 13.1	1.766	2.781	0.3	21.7
8 9	20 29.23	−19 55.6	1.776	2.776	4.3	22.0
8 19	20 20.58	−20 32.0	1.814	2.771	8.4	22.3
8 29	20 13.71	−20 59.8	1.876	2.765	12.1	22.5
9 8	20 9.24	−21 18.1	1.959	2.758	15.1	22.7

394708 2008 DT_{53} 7 30.2 8.°55 8.°8/ 6.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 55.46	+ 7 1.1	1.768	2.585	16.3	20.5
7 10	20 51.31	+ 7 3.4	1.702	2.586	13.7	20.3
7 20	20 45.49	+ 6 38.9	1.656	2.589	11.2	20.2
7 30	20 38.72	+ 5 47.2	1.632	2.591	9.3	20.0
8 9	20 31.86	+ 4 31.1	1.632	2.595	8.8	20.0
8 19	20 25.80	+ 2 56.4	1.656	2.599	10.1	20.1
8 29	20 21.36	+ 1 11.0	1.704	2.604	12.5	20.3
9 8	20 19.08	− 0 36.9	1.774	2.610	15.0	20.5

472043 2013 YZ_{39} 7 30.2 243.°57 1.°1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.95	−13 23.0	1.919	2.809	12.1	21.9
7 10	20 55.15	−13 50.3	1.842	2.798	8.7	21.7
7 20	20 47.52	−14 27.6	1.789	2.788	4.8	21.4
7 30	20 38.77	−15 11.5	1.763	2.777	1.2	21.1
8 9	20 29.81	−15 57.7	1.764	2.765	4.1	21.3
8 19	20 21.63	−16 42.2	1.792	2.754	8.1	21.5
8 29	20 15.12	−17 21.4	1.845	2.742	11.8	21.7
9 8	20 10.90	−17 53.1	1.919	2.729	15.0	21.9

375732 2009 RM_{12} 7 30.2 264.°29 1.°8/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.51	−21 23.5	1.648	2.555	12.8	21.4
7 10	20 57.24	−21 57.1	1.576	2.543	9.0	21.1
7 20	20 48.72	−22 34.3	1.527	2.530	4.8	20.8
7 30	20 38.80	−23 9.8	1.503	2.516	1.9	20.6
8 9	20 28.66	−23 38.4	1.506	2.503	5.5	20.8
8 19	20 19.52	−23 56.7	1.535	2.490	9.9	21.1
8 29	20 12.48	−24 3.0	1.587	2.476	13.9	21.3
9 8	20 8.25	−23 57.9	1.658	2.462	17.3	21.5

103268 2000 AV_{27} 7 30.2 137.°57 0.°2/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.78	−18 15.8	2.369	3.259	10.2	20.2
7 10	20 55.97	−18 30.7	2.313	3.271	7.1	20.0
7 20	20 47.75	−18 48.8	2.282	3.284	3.6	19.8
7 30	20 38.78	−19 7.4	2.280	3.295	0.2	19.5
8 9	20 29.87	−19 23.7	2.307	3.307	3.5	19.9
8 19	20 21.79	−19 35.8	2.362	3.317	6.9	20.1
8 29	20 15.22	−19 42.5	2.444	3.327	9.8	20.3
9 8	20 10.60	−19 43.3	2.548	3.337	12.3	20.5

509861 2008 YG_{166} 7 30.2 207.°52 1.°9/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.89	−11 37.8	2.507	3.379	10.3	22.4
7 10	20 55.42	−11 37.4	2.427	3.373	7.5	22.2
7 20	20 47.52	−11 44.3	2.373	3.365	4.4	22.0
7 30	20 38.79	−11 57.1	2.347	3.357	2.0	21.8
8 9	20 29.94	−12 13.7	2.350	3.349	3.5	21.9
8 19	20 21.74	−12 31.7	2.382	3.340	6.6	22.1
8 29	20 14.85	−12 49.1	2.440	3.330	9.6	22.3
9 8	20 9.78	−13 4.2	2.522	3.319	12.2	22.4

322084 2010 VS_{121} 7 30.2 338.°69 0.°0/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.50	−17 56.2	1.829	2.734	11.9	20.3
7 10	20 54.16	−18 3.0	1.761	2.726	8.4	20.1
7 20	20 47.00	−18 14.9	1.716	2.718	4.4	19.8
7 30	20 38.78	−18 28.8	1.696	2.712	0.1	19.4
8 9	20 30.48	−18 41.4	1.704	2.705	4.2	19.8
8 19	20 23.06	−18 50.2	1.737	2.699	8.3	20.0
8 29	20 17.41	−18 53.4	1.794	2.694	12.0	20.2
9 8	20 14.08	−18 50.3	1.872	2.689	15.1	20.4

50286 2000 CA_{26} 7 30.2 272.°80 0.°6/30.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.60	−15 24.4	1.586	2.486	13.6	19.8
7 10	20 56.70	−15 48.1	1.506	2.468	9.7	19.5
7 20	20 48.51	−16 21.6	1.449	2.450	5.2	19.2
7 30	20 38.83	−17 1.0	1.417	2.432	0.6	18.8
8 9	20 28.81	−17 41.3	1.411	2.413	4.8	19.1
8 19	20 19.69	−18 17.9	1.431	2.394	9.6	19.3
8 29	20 12.61	−18 47.3	1.474	2.375	14.0	19.5
9 8	20 8.35	−19 7.5	1.536	2.356	17.7	19.7

54297 2000 JA_{61} 7 30.2 342.°37 0.°7/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.70	−19 4.4	1.890	2.793	11.7	19.1
7 10	20 54.93	−19 29.5	1.827	2.792	8.1	18.9
7 20	20 47.38	−19 59.0	1.788	2.791	4.2	18.7
7 30	20 38.80	−20 29.0	1.775	2.790	0.7	18.4
8 9	20 30.18	−20 55.6	1.790	2.789	4.3	18.7
8 19	20 22.47	−21 15.8	1.831	2.789	8.3	18.9
8 29	20 16.52	−21 27.9	1.896	2.788	11.8	19.1
9 8	20 12.88	−21 31.4	1.982	2.788	14.8	19.3

167671 2004 FR_4 7 30.2 236.°74 13.°2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 38.84	−44 43.9	1.017	1.893	21.4	20.0
7 10	21 23.96	−44 57.1	0.953	1.882	17.8	19.7
7 20	21 3.18	−44 34.5	0.908	1.870	14.5	19.5
7 30	20 39.17	−43 17.5	0.885	1.856	13.2	19.4
8 9	20 15.92	−41 1.1	0.886	1.842	15.1	19.4
8 19	19 56.92	−37 57.6	0.910	1.827	19.1	19.6
8 29	19 44.13	−34 29.2	0.955	1.811	23.4	19.8
9 8	19 37.72	−30 56.9	1.016	1.795	27.4	20.0

420390 2012 CX_{17} 7 30.2 107.°75 1.°9/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.26	−10 59.0	1.457	2.351	15.0	21.6
7 10	20 56.30	−11 40.2	1.402	2.359	10.8	21.4
7 20	20 48.18	−12 36.4	1.370	2.368	6.1	21.1
7 30	20 38.82	−13 43.0	1.362	2.376	2.1	20.9
8 9	20 29.45	−14 53.1	1.381	2.383	4.8	21.1
8 19	20 21.24	−16 0.3	1.425	2.391	9.4	21.4
8 29	20 15.21	−16 59.6	1.492	2.398	13.5	21.7
9 8	20 11.96	−17 47.7	1.580	2.406	17.0	21.9

138886 2000 YJ_{46} 7 30.2 141.°89 1.°4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.46	−14 14.6	1.514	2.411	14.4	19.7
7 10	20 57.79	−14 19.4	1.455	2.415	10.2	19.5
7 20	20 48.94	−14 33.8	1.419	2.419	5.6	19.2
7 30	20 38.84	−14 54.5	1.409	2.423	1.5	19.0
8 9	20 28.74	−15 17.4	1.424	2.426	4.8	19.2
8 19	20 19.83	−15 38.9	1.465	2.429	9.3	19.5
8 29	20 13.13	−15 56.3	1.529	2.432	13.5	19.7
9 8	20 9.25	−16 7.7	1.613	2.434	16.9	20.0

510830 2013 CT_{17} 7 30.2 121.°83 0.°6/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.29	−18 15.2	2.382	3.277	9.9	22.0
7 10	20 53.63	−18 54.4	2.325	3.287	6.8	21.8
7 20	20 46.59	−19 37.8	2.293	3.296	3.5	21.6
7 30	20 38.79	−20 21.8	2.290	3.305	0.6	21.4
8 9	20 30.98	−21 2.8	2.315	3.313	3.6	21.7
8 19	20 23.91	−21 37.8	2.367	3.322	6.9	21.9
8 29	20 18.22	−22 5.1	2.446	3.330	9.8	22.1
9 8	20 14.38	−22 23.9	2.546	3.338	12.3	22.3

513446 2008 VY_{81} 7 30.2 268.°27 0.°5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.27	−17 20.3	1.864	2.765	11.9	21.4
7 10	20 54.76	−18 4.5	1.791	2.755	8.3	21.1
7 20	20 47.37	−18 56.1	1.742	2.745	4.3	20.9
7 30	20 38.82	−19 50.7	1.720	2.735	0.5	20.6
8 9	20 30.07	−20 42.9	1.724	2.724	4.4	20.8
8 19	20 22.13	−21 28.4	1.756	2.714	8.6	21.1
8 29	20 15.93	−22 4.3	1.811	2.703	12.3	21.3
9 8	20 12.10	−22 29.2	1.887	2.693	15.4	21.5

278027 2006 VC_{105} 7 30.2 184.°45 1.°4/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.42	−20 30.6	1.900	2.799	11.8	21.2
7 10	20 57.55	−21 6.2	1.836	2.799	8.2	21.0
7 20	20 48.76	−21 45.1	1.797	2.799	4.3	20.8
7 30	20 38.85	−22 22.5	1.785	2.798	1.4	20.6
8 9	20 28.88	−22 54.1	1.800	2.797	4.7	20.8
8 19	20 19.88	−23 16.8	1.843	2.795	8.7	21.1
8 29	20 12.76	−23 29.2	1.910	2.793	12.2	21.3
9 8	20 8.11	−23 31.6	1.998	2.790	15.2	21.5

274726 2008 UG_{174} 7 30.2 5.°07 5.°4/28.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 54.95	−26 40.3	0.895	1.840	16.8	18.9
7 10	20 52.11	−27 25.2	0.857	1.839	12.0	18.6
7 20	20 46.28	−28 7.2	0.837	1.841	7.3	18.4
7 30	20 38.79	−28 37.3	0.837	1.845	5.5	18.3
8 9	20 31.42	−28 48.4	0.857	1.852	9.0	18.5
8 19	20 25.83	−28 37.8	0.897	1.861	13.7	18.8
8 29	20 23.26	−28 7.0	0.955	1.873	18.2	19.1
9 8	20 24.24	−27 19.5	1.029	1.887	21.9	19.4

257270 2009 GW_2 7 30.2 211.°46 15.°3/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.00	+ 9 4.8	1.240	2.053	22.0	20.1
7 10	21 1.56	+11 15.7	1.179	2.050	19.4	19.9
7 20	20 51.20	+12 57.3	1.135	2.046	17.0	19.7
7 30	20 38.93	+14 0.5	1.111	2.041	15.5	19.6
8 9	20 26.28	+14 21.0	1.107	2.036	15.6	19.6
8 19	20 14.86	+14 0.7	1.124	2.030	17.2	19.7
8 29	20 6.11	+13 7.5	1.160	2.024	19.6	19.8
9 8	20 0.92	+11 53.2	1.211	2.017	22.3	20.0

250825 2005 UV_{72} 7 30.2 260.°26 0.°2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.43	−16 36.2	2.385	3.276	10.0	21.0
7 10	20 53.86	−16 57.2	2.303	3.262	7.1	20.8
7 20	20 46.80	−17 23.6	2.246	3.247	3.7	20.6
7 30	20 38.84	−17 52.7	2.217	3.232	0.2	20.2
8 9	20 30.71	−18 21.4	2.216	3.217	3.5	20.5
8 19	20 23.21	−18 47.0	2.243	3.202	7.0	20.7
8 29	20 17.04	−19 7.5	2.296	3.186	10.1	20.9
9 8	20 12.74	−19 21.5	2.371	3.170	12.9	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
503785	2016 UW_{67}		7 30.2	194.°46	3.°3/27.2	18 R
	h m	° ′			°	m
6 30	21 0.12	−28 53.0	2.856	3.753	8.4	21.9
7 10	20 54.19	−29 44.3	2.793	3.751	6.1	21.8
7 20	20 46.90	−30 33.0	2.756	3.748	4.0	21.6
7 30	20 38.84	−31 15.2	2.748	3.745	3.4	21.6
8 9	20 30.70	−31 47.5	2.768	3.742	5.1	21.7
8 19	20 23.18	−32 8.3	2.816	3.738	7.4	21.8
8 29	20 16.94	−32 17.0	2.889	3.734	9.7	22.0
9 8	20 12.45	−32 14.4	2.984	3.729	11.7	22.1
336914	2011 HD_{22}		7 30.2	144.°09	2.°9/ 1.2	17
6 30	21 0.89	− 8 41.8	1.831	2.709	13.2	21.3
7 10	20 55.05	− 9 0.8	1.768	2.714	9.7	21.1
7 20	20 47.46	− 9 33.5	1.728	2.718	6.0	20.9
7 30	20 38.85	−10 17.2	1.714	2.723	3.1	20.8
8 9	20 30.19	−11 7.7	1.727	2.727	4.5	20.9
8 19	20 22.42	−12 0.6	1.767	2.730	8.1	21.1
8 29	20 16.39	−12 51.3	1.831	2.734	11.6	21.3
9 8	20 12.63	−13 36.4	1.917	2.737	14.7	21.5
151408	2002 EN_{121}		7 30.3	70.°71	7.°2/25.6	18
6 30	21 5.63	−39 59.9	2.197	3.081	11.1	19.6
7 10	20 58.33	−40 45.5	2.154	3.088	8.9	19.5
7 20	20 49.11	−41 18.7	2.135	3.095	7.5	19.4
7 30	20 38.90	−41 34.0	2.142	3.101	7.4	19.4
8 9	20 28.84	−41 28.6	2.174	3.108	8.7	19.5
8 19	20 19.99	−41 2.7	2.231	3.115	10.7	19.7
8 29	20 13.22	−40 18.9	2.310	3.122	12.8	19.8
9 8	20 9.03	−39 21.3	2.409	3.129	14.7	20.0
476170	2007 TP_{414}		7 30.3	296.°28	6.°0/25.7	18
6 30	21 1.67	−30 29.6	1.749	2.660	12.0	20.7
7 10	20 56.16	−32 2.3	1.678	2.640	9.0	20.4
7 20	20 48.30	−33 33.3	1.632	2.621	6.5	20.3
7 30	20 38.89	−34 53.5	1.611	2.601	6.3	20.2
8 9	20 29.10	−35 55.5	1.616	2.582	8.7	20.3
8 19	20 20.21	−36 35.0	1.646	2.563	12.0	20.4
8 29	20 13.42	−36 51.0	1.697	2.543	15.2	20.6
9 8	20 9.52	−36 46.2	1.765	2.525	18.1	20.8
312987	1999 TC_{63}		7 30.3	261.°13	4.°6/26.8	18
6 30	21 1.39	−31 16.2	2.313	3.213	9.9	20.5
7 10	20 55.35	−32 6.4	2.249	3.206	7.3	20.3
7 20	20 47.61	−32 52.1	2.211	3.199	5.2	20.2
7 30	20 38.87	−33 28.0	2.200	3.192	4.7	20.1
8 9	20 30.05	−33 50.4	2.216	3.184	6.5	20.2
8 19	20 22.05	−33 57.6	2.258	3.177	9.1	20.4
8 29	20 15.69	−33 49.7	2.324	3.170	11.7	20.5
9 8	20 11.51	−33 28.7	2.410	3.162	13.9	20.7
102252	1999 TG_{28}		7 30.3	348.°69	1.°0/30.6	18
6 30	20 56.15	−16 10.3	0.911	1.846	17.7	18.3
7 10	20 52.99	−16 9.0	0.855	1.833	12.7	17.9
7 20	20 46.86	−16 20.0	0.816	1.822	6.8	17.6
7 30	20 38.86	−16 39.1	0.798	1.813	1.1	17.2
8 9	20 30.65	−17 0.6	0.799	1.805	6.1	17.5
8 19	20 23.94	−17 19.2	0.821	1.800	12.2	17.8
8 29	20 20.17	−17 30.5	0.862	1.796	17.7	18.1
9 8	20 20.11	−17 32.0	0.917	1.795	22.2	18.4
72283	2001 BT_{7}		7 30.3	210.°36	2.°4/28.9	18
6 30	21 4.59	−22 8.4	1.596	2.503	13.2	19.7
7 10	20 58.02	−22 57.5	1.533	2.500	9.2	19.4
7 20	20 49.16	−23 49.7	1.494	2.496	4.9	19.2
7 30	20 38.92	−24 38.8	1.481	2.492	2.5	19.0
8 9	20 28.55	−25 18.6	1.494	2.488	5.9	19.2
8 19	20 19.31	−25 45.3	1.532	2.483	10.2	19.5
8 29	20 12.28	−25 57.8	1.594	2.478	14.1	19.7
9 8	20 8.15	−25 56.8	1.675	2.473	17.4	19.9
302284	2001 XG_{247}		7 30.3	209.°02	0.°3/30.0	18
6 30	20 59.89	−18 10.4	2.701	3.590	9.1	21.9
7 10	20 54.02	−18 36.7	2.625	3.584	6.3	21.8
7 20	20 46.83	−19 6.7	2.576	3.577	3.3	21.5
7 30	20 38.87	−19 37.7	2.555	3.570	0.3	21.3
8 9	20 30.82	−20 6.7	2.564	3.563	3.3	21.5
8 19	20 23.36	−20 31.4	2.601	3.555	6.4	21.7
8 29	20 17.12	−20 50.3	2.664	3.546	9.2	21.9
9 8	20 12.57	−21 2.5	2.751	3.537	11.6	22.0
452313	1998 XR_{16}		7 30.3	89.°57	5.°9/26.3	16
6 30	21 15.33	−31 26.2	1.878	2.766	12.5	22.8
7 10	21 4.95	−33 17.8	1.866	2.815	9.1	22.7
7 20	20 52.46	−34 58.5	1.882	2.863	6.5	22.7
7 30	20 39.01	−36 19.6	1.926	2.909	6.1	22.7
8 9	20 25.97	−37 16.2	1.999	2.954	8.1	22.9
8 19	20 14.56	−37 47.8	2.099	2.997	10.7	23.2
8 29	20 5.69	−37 57.2	2.223	3.038	13.2	23.4
9 8	19 59.81	−37 49.4	2.366	3.077	15.2	23.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
93729	2000 VK_{44}		7 30.3	193.°30	7.°0/25.4	18
	h m	° ′			°	m
6 30	21 6.53	−36 54.7	2.064	2.955	11.4	20.4
7 10	20 59.19	−38 4.4	2.011	2.954	9.0	20.3
7 20	20 49.70	−39 4.3	1.983	2.952	7.2	20.2
7 30	20 38.95	−39 47.4	1.980	2.949	7.2	20.2
8 9	20 28.14	−40 9.3	2.004	2.947	8.8	20.3
8 19	20 18.46	−40 8.7	2.053	2.944	11.2	20.4
8 29	20 10.90	−39 47.5	2.124	2.940	13.7	20.6
9 8	20 6.09	−39 9.8	2.213	2.936	15.8	20.7
440487	2005 TS_{60}		7 30.3	306.°54	4.°3/27.7	18
6 30	21 2.68	−29 36.7	1.959	2.865	11.2	21.4
7 10	20 56.45	−30 9.4	1.892	2.854	8.2	21.2
7 20	20 48.26	−30 37.7	1.849	2.843	5.3	21.0
7 30	20 38.92	−30 56.4	1.833	2.832	4.4	21.0
8 9	20 29.49	−31 1.7	1.842	2.822	6.6	21.1
8 19	20 21.05	−30 52.0	1.878	2.812	9.7	21.2
8 29	20 14.51	−30 27.9	1.936	2.802	12.8	21.4
9 8	20 10.49	−29 51.8	2.015	2.792	15.5	21.6
377909	2006 DE_{200}		7 30.3	167.°53	1.°7/31.5	17
6 30	21 2.06	−11 33.8	2.502	3.374	10.3	22.3
7 10	20 55.50	−11 46.4	2.435	3.380	7.5	22.1
7 20	20 47.59	−12 6.8	2.393	3.386	4.3	21.9
7 30	20 38.91	−12 33.0	2.379	3.390	1.8	21.8
8 9	20 30.20	−13 2.2	2.394	3.394	3.4	21.9
8 19	20 22.18	−13 31.9	2.439	3.397	6.5	22.1
8 29	20 15.50	−13 59.5	2.510	3.399	9.4	22.3
9 8	20 10.63	−14 23.5	2.604	3.400	11.9	22.5
148399	2000 UB_{78}		7 30.3	162.°13	7.°8/22.6	18
6 30	21 6.49	−46 35.5	2.863	3.717	9.7	20.9
7 10	20 58.88	−47 46.1	2.825	3.722	8.5	20.8
7 20	20 49.43	−48 43.1	2.812	3.727	7.8	20.8
7 30	20 38.95	−49 21.3	2.824	3.732	8.0	20.8
8 9	20 28.45	−49 38.1	2.861	3.736	9.0	20.9
8 19	20 18.92	−49 33.3	2.922	3.740	10.4	21.0
8 29	20 11.24	−49 8.9	3.005	3.743	11.8	21.1
9 8	20 5.95	−48 28.8	3.105	3.746	13.1	21.2
206507	2003 UV_{119}		7 30.3	316.°55	2.°7/28.3	18
6 30	20 58.24	−19 34.0	1.432	2.350	13.7	19.4
7 10	20 54.06	−21 8.9	1.347	2.320	9.6	19.1
7 20	20 47.38	−22 57.2	1.286	2.290	5.1	18.8
7 30	20 38.91	−24 50.4	1.249	2.261	2.8	18.5
8 9	20 29.83	−26 38.0	1.238	2.232	6.9	18.7
8 19	20 21.54	−28 10.8	1.251	2.204	11.8	18.9
8 29	20 15.38	−29 22.7	1.286	2.176	16.4	19.1
9 8	20 12.36	−30 11.8	1.338	2.150	20.3	19.3
444642	2006 XO_{59}		7 30.3	120.°55	0.°1/30.2	18
6 30	21 1.12	−18 16.5	2.310	3.204	10.2	21.1
7 10	20 54.93	−18 24.0	2.250	3.210	7.1	20.9
7 20	20 47.30	−18 34.8	2.215	3.217	3.7	20.7
7 30	20 38.90	−18 46.4	2.208	3.223	0.1	20.4
8 9	20 30.54	−18 56.3	2.229	3.230	3.5	20.7
8 19	20 22.97	−19 2.7	2.278	3.236	6.9	21.0
8 29	20 16.88	−19 4.4	2.353	3.242	10.0	21.2
9 8	20 12.74	−19 0.9	2.450	3.247	12.5	21.3
282267	2002 LY_{61}		7 30.3	344.°27	2.°4/31.0	18
6 30	21 4.30	−14 51.7	1.507	2.406	14.3	19.7
7 10	20 57.76	−14 5.2	1.441	2.400	10.3	19.5
7 20	20 49.00	−13 24.7	1.397	2.395	6.0	19.2
7 30	20 38.95	−12 49.8	1.378	2.390	2.4	19.0
8 9	20 28.86	−12 19.5	1.385	2.386	5.1	19.1
8 19	20 19.93	−11 53.1	1.417	2.382	9.5	19.4
8 29	20 13.20	−11 29.5	1.473	2.379	13.7	19.6
9 8	20 9.31	−11 7.4	1.548	2.377	17.2	19.8
208898	2002 TK_{148}		7 30.3	262.°16	6.°1/ 3.2	18
6 30	20 59.28	− 0 31.3	2.023	2.866	13.6	20.3
7 10	20 53.93	− 0 16.2	1.942	2.855	10.9	20.1
7 20	20 46.93	− 0 18.6	1.884	2.844	8.2	19.9
7 30	20 38.90	− 0 38.8	1.850	2.833	6.3	19.8
8 9	20 30.69	− 1 15.0	1.842	2.822	6.5	19.8
8 19	20 23.14	− 2 3.8	1.860	2.811	8.7	19.9
8 29	20 17.08	− 3 0.2	1.903	2.800	11.6	20.0
9 8	20 13.10	− 3 59.2	1.968	2.788	14.3	20.2
183216	2002 TJ_{36}		7 30.3	217.°67	3.°8/ 1.5	18
6 30	21 1.70	− 7 22.4	1.689	2.566	14.2	20.5
7 10	20 55.83	− 7 31.0	1.619	2.562	10.7	20.3
7 20	20 47.98	− 7 55.3	1.571	2.558	6.9	20.0
7 30	20 38.94	− 8 33.5	1.548	2.554	3.9	19.8
8 9	20 29.74	− 9 21.6	1.551	2.549	5.2	19.9
8 19	20 21.44	−10 14.7	1.581	2.544	8.8	20.1
8 29	20 15.00	−11 7.9	1.634	2.539	12.6	20.3
9 8	20 11.05	−11 56.8	1.708	2.533	16.0	20.5

163071 2002 AD_8 7 30.3 260.°61 0.°0/30.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.72	−15 45.9	1.509	2.411	14.1	20.4
7 10	20 57.67	−16 27.0	1.429	2.393	10.1	20.1
7 20	20 49.15	−17 19.5	1.372	2.374	5.3	19.8
7 30	20 38.98	−18 18.2	1.340	2.355	0.2	19.3
8 9	20 28.39	−19 16.7	1.334	2.336	5.1	19.7
8 19	20 18.73	−20 8.9	1.354	2.316	10.2	19.9
8 29	20 11.23	−20 50.8	1.396	2.295	14.8	20.2
9 8	20 6.74	−21 20.4	1.458	2.275	18.7	20.4

209556 2004 WG_4 7 30.3 319.°19 0.°3/30.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 1.51	−16 52.4	1.167	2.086	16.0	20.1
7 10	20 56.43	−17 25.9	1.104	2.076	11.3	19.8
7 20	20 48.57	−18 10.7	1.061	2.066	5.9	19.5
7 30	20 38.96	−19 1.0	1.041	2.056	0.3	19.0
8 9	20 29.08	−19 49.4	1.045	2.047	5.9	19.4
8 19	20 20.50	−20 29.6	1.071	2.039	11.5	19.7
8 29	20 14.58	−20 57.9	1.118	2.031	16.4	20.0
9 8	20 12.11	−21 12.6	1.182	2.024	20.6	20.2

180179 2003 JM_8 7 30.3 47.°13 5.°2/26.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.86	−29 36.5	1.818	2.728	11.7	19.4
7 10	20 55.18	−30 59.9	1.782	2.744	8.5	19.2
7 20	20 47.57	−32 18.5	1.770	2.761	5.8	19.1
7 30	20 38.93	−33 25.1	1.784	2.777	5.4	19.1
8 9	20 30.35	−34 14.2	1.824	2.794	7.5	19.3
8 19	20 22.88	−34 43.6	1.889	2.811	10.4	19.5
8 29	20 17.41	−34 53.6	1.977	2.829	13.2	19.7
9 8	20 14.45	−34 46.8	2.084	2.846	15.5	19.9

266196 2006 VG_{152} 7 30.3 306.°40 0.°1/30.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 1.59	−16 42.6	1.304	2.217	15.1	21.2
7 10	20 56.42	−17 1.7	1.226	2.195	10.8	20.9
7 20	20 48.59	−17 30.9	1.170	2.173	5.7	20.6
7 30	20 38.97	−18 5.7	1.137	2.152	0.2	20.1
8 9	20 28.92	−18 40.4	1.128	2.131	5.5	20.5
8 19	20 19.91	−19 9.8	1.143	2.110	11.0	20.7
8 29	20 13.31	−19 30.5	1.179	2.090	15.9	20.9
9 8	20 10.00	−19 40.6	1.233	2.071	20.2	21.1

475235 2005 WF_2 7 30.3 203.°03 4.°9/25.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 1.29	−33 38.9	2.752	3.644	8.8	21.5
7 10	20 55.17	−34 50.6	2.692	3.640	6.7	21.4
7 20	20 47.52	−35 57.2	2.659	3.636	5.1	21.3
7 30	20 38.94	−36 53.5	2.654	3.631	5.1	21.2
8 9	20 30.24	−37 35.7	2.677	3.626	6.5	21.3
8 19	20 22.19	−38 2.0	2.726	3.621	8.6	21.5
8 29	20 15.56	−38 12.2	2.799	3.615	10.7	21.6
9 8	20 10.87	−38 8.1	2.893	3.609	12.6	21.7

475293 2005 XQ_{30} 7 30.3 209.°96 2.°1/28.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.27	−23 42.1	2.755	3.653	8.6	22.0
7 10	20 53.65	−24 34.9	2.685	3.647	6.0	21.8
7 20	20 46.69	−25 28.7	2.642	3.641	3.4	21.6
7 30	20 38.93	−26 19.6	2.627	3.635	2.2	21.6
8 9	20 31.06	−27 3.9	2.641	3.629	4.2	21.7
8 19	20 23.76	−27 39.1	2.683	3.622	7.0	21.9
8 29	20 17.69	−28 3.8	2.752	3.615	9.5	22.0
9 8	20 13.33	−28 18.0	2.842	3.607	11.8	22.2

466143 2012 HD_{27} 7 30.3 28.°56 2.°2/29.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.94	−19 23.9	1.107	2.034	16.0	20.4
7 10	20 55.17	−20 32.9	1.068	2.044	11.1	20.2
7 20	20 47.78	−21 49.6	1.050	2.055	5.7	19.9
7 30	20 38.96	−23 5.0	1.054	2.067	2.2	19.7
8 9	20 30.24	−24 9.9	1.081	2.080	6.6	20.1
8 19	20 23.06	−24 58.4	1.131	2.094	11.6	20.4
8 29	20 18.57	−25 28.0	1.202	2.109	16.0	20.7
9 8	20 17.35	−25 39.4	1.290	2.124	19.6	21.0

479046 2013 AN_{44} 7 30.3 271.°35 1.°6/29.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.82	−22 27.7	2.033	2.934	11.1	21.1
7 10	20 56.45	−22 40.7	1.958	2.922	7.7	20.8
7 20	20 48.26	−22 54.5	1.908	2.910	4.1	20.6
7 30	20 38.99	−23 5.5	1.885	2.898	1.6	20.4
8 9	20 29.59	−23 10.5	1.890	2.886	4.6	20.6
8 19	20 21.06	−23 7.7	1.921	2.874	8.3	20.8
8 29	20 14.25	−22 56.5	1.977	2.861	11.8	21.0
9 8	20 9.76	−22 37.5	2.054	2.849	14.7	21.2

519040 2010 KC_{22} 7 30.3 358.°62 5.°7/ 3.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 57.59	− 0 53.5	1.957	2.806	13.7	20.5
7 10	20 52.73	− 0 56.1	1.888	2.806	10.9	20.3
7 20	20 46.30	− 1 17.2	1.840	2.805	8.0	20.1
7 30	20 38.93	− 1 56.3	1.817	2.805	5.9	20.0
8 9	20 31.47	− 2 50.4	1.820	2.805	6.1	20.0
8 19	20 24.75	− 3 54.8	1.849	2.805	8.3	20.2
8 29	20 19.54	− 5 4.3	1.902	2.805	11.2	20.3
9 8	20 16.37	− 6 13.3	1.978	2.806	14.0	20.5

398994 2013 EM_{112} 7 30.3 13.°70 2.°3/28.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.11	−22 29.0	2.150	3.055	10.4	20.0
7 10	20 53.79	−23 33.2	2.089	3.055	7.2	19.9
7 20	20 46.85	−24 40.0	2.054	3.055	3.9	19.7
7 30	20 38.95	−25 43.9	2.045	3.055	2.4	19.5
8 9	20 30.97	−26 40.1	2.065	3.056	4.9	19.7
8 19	20 23.74	−27 25.0	2.112	3.056	8.2	19.9
8 29	20 18.06	−27 56.7	2.183	3.056	11.3	20.1
9 8	20 14.48	−28 15.4	2.275	3.057	13.8	20.3

208633 2002 EC_{90} 7 30.3 59.°63 0.°0/30.2 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 4.69	−16 16.8	1.163	2.077	16.5	20.6
7 10	20 58.17	−16 52.1	1.130	2.099	11.5	20.4
7 20	20 49.20	−17 36.8	1.118	2.122	5.9	20.1
7 30	20 39.02	−18 24.5	1.130	2.145	0.2	19.8
8 9	20 29.15	−19 8.5	1.166	2.169	5.4	20.3
8 19	20 20.97	−19 43.7	1.226	2.192	10.5	20.6
8 29	20 15.50	−20 7.8	1.307	2.216	14.9	20.9
9 8	20 13.22	−20 20.2	1.407	2.239	18.4	21.2

294730 2008 BX_{46} 7 30.3 10.°11 2.°1/31.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 57.61	− 9 25.4	1.955	2.838	12.3	20.7
7 10	20 52.77	−10 6.3	1.889	2.839	9.0	20.5
7 20	20 46.33	−11 0.7	1.846	2.839	5.3	20.2
7 30	20 38.95	−12 5.0	1.829	2.840	2.3	20.0
8 9	20 31.47	−13 14.5	1.840	2.842	3.9	20.2
8 19	20 24.75	−14 24.0	1.878	2.843	7.6	20.4
8 29	20 19.57	−15 28.8	1.941	2.845	11.0	20.6
9 8	20 16.46	−16 25.6	2.026	2.847	14.0	20.8

223555 2004 EW_{84} 7 30.3 30.°03 2.°0/29.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.90	−20 3.7	1.129	2.055	15.9	19.8
7 10	20 55.77	−20 52.9	1.091	2.066	11.0	19.6
7 20	20 48.07	−21 48.1	1.073	2.078	5.7	19.3
7 30	20 38.99	−22 41.5	1.078	2.092	2.0	19.1
8 9	20 30.07	−23 25.5	1.106	2.106	6.3	19.4
8 19	20 22.72	−23 55.7	1.157	2.121	11.3	19.7
8 29	20 18.06	−24 10.3	1.228	2.136	15.7	20.1
9 8	20 16.63	−24 10.1	1.317	2.153	19.2	20.3

358403 2007 BR_{40} 7 30.3 144.°79 0.°1/30.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.32	−16 39.5	2.492	3.382	9.7	22.6
7 10	20 53.66	−17 5.8	2.430	3.388	6.8	22.4
7 20	20 46.68	−17 37.0	2.393	3.394	3.5	22.2
7 30	20 38.96	−18 10.2	2.384	3.399	0.1	21.9
8 9	20 31.22	−18 42.3	2.404	3.404	3.3	22.2
8 19	20 24.17	−19 10.7	2.452	3.409	6.5	22.4
8 29	20 18.42	−19 33.6	2.526	3.414	9.4	22.6
9 8	20 14.45	−19 49.9	2.622	3.418	11.8	22.8

490153 2008 UJ_{196} 7 30.3 198.°43 2.°1/28.9 15

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.59	−22 26.4	1.911	2.815	11.5	21.8
7 10	20 56.34	−23 6.4	1.848	2.813	8.0	21.5
7 20	20 48.22	−23 48.3	1.810	2.812	4.3	21.3
7 30	20 39.00	−24 27.1	1.798	2.810	2.1	21.2
8 9	20 29.72	−24 58.3	1.814	2.808	5.1	21.4
8 19	20 21.37	−25 19.1	1.856	2.806	8.8	21.6
8 29	20 14.86	−25 28.2	1.923	2.804	12.2	21.8
9 8	20 10.76	−25 26.3	2.010	2.801	15.1	22.0

396794 2004 KT 7 30.3 182.°45 15.°0/ 9.9 14 C

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 16.23	+31 3.8	2.528	3.080	17.6	23.2
7 10	21 5.86	+32 44.6	2.456	3.084	16.7	23.1
7 20	20 53.25	+33 56.5	2.402	3.085	15.9	23.0
7 30	20 39.15	+34 33.5	2.367	3.085	15.3	23.0
8 9	20 24.65	+34 32.7	2.352	3.083	15.0	22.9
8 19	20 10.88	+33 55.2	2.358	3.078	15.2	22.9
8 29	19 58.94	+32 46.2	2.385	3.072	15.7	23.0
9 8	19 49.57	+31 13.9	2.430	3.063	16.5	23.0

260331 2004 TV_{205} 7 30.3 220.°93 2.°2/28.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.60	−24 30.0	2.650	3.549	8.9	21.4
7 10	20 53.90	−25 6.9	2.581	3.543	6.2	21.2
7 20	20 46.83	−25 43.8	2.538	3.538	3.5	21.0
7 30	20 38.97	−26 17.0	2.523	3.532	2.2	20.9
8 9	20 31.03	−26 43.5	2.537	3.526	4.3	21.0
8 19	20 23.73	−27 1.2	2.578	3.519	7.1	21.2
8 29	20 17.73	−27 9.3	2.645	3.513	9.7	21.4
9 8	20 13.50	−27 7.9	2.734	3.506	12.0	21.5

396105 2013 CH_{146} 7 30.3 18.°31 0.°4/30.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.37	−15 19.6	1.779	2.680	12.3	20.2
7 10	20 53.40	−15 52.3	1.721	2.684	8.7	20.0
7 20	20 46.68	−16 33.4	1.687	2.688	4.6	19.8
7 30	20 38.97	−17 19.0	1.678	2.693	0.5	19.5
8 9	20 31.23	−18 4.3	1.696	2.698	4.1	19.8
8 19	20 24.41	−18 45.3	1.740	2.704	8.2	20.0
8 29	20 19.33	−19 18.8	1.808	2.710	11.8	20.3
9 8	20 16.52	−19 43.2	1.897	2.717	14.8	20.5

504419 2007 YS_{70} 7 30.3 258.°59 1.°8/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.87	−18 40.6	1.571	2.478	13.4	22.1
7 10	20 57.06	−19 56.6	1.495	2.462	9.4	21.9
7 20	20 48.84	−21 22.8	1.443	2.446	4.9	21.6
7 30	20 39.04	−22 51.6	1.416	2.430	1.8	21.3
8 9	20 28.82	−24 14.8	1.416	2.413	5.8	21.5
8 19	20 19.50	−25 25.6	1.442	2.395	10.5	21.8
8 29	20 12.28	−26 19.7	1.491	2.378	14.7	22.0
9 8	20 7.99	−26 56.2	1.559	2.360	18.3	22.2

318943 2005 UM_{154} 7 30.3 255.°90 0.°1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.70	−17 21.0	2.536	3.427	9.5	22.7
7 10	20 54.05	−17 44.3	2.451	3.409	6.7	22.5
7 20	20 46.96	−18 12.4	2.390	3.392	3.5	22.3
7 30	20 38.99	−18 42.5	2.358	3.374	0.1	21.9
8 9	20 30.84	−19 11.7	2.355	3.355	3.4	22.2
8 19	20 23.25	−19 37.2	2.380	3.336	6.7	22.4
8 29	20 16.92	−19 57.2	2.431	3.317	9.8	22.6
9 8	20 12.38	−20 10.6	2.504	3.297	12.4	22.7

177295 2003 XX_{17} 7 30.3 127.°65 3.°9/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.91	−27 28.0	1.748	2.651	12.5	20.7
7 10	21 0.06	−28 8.5	1.703	2.664	8.9	20.5
7 20	20 50.11	−28 45.2	1.681	2.678	5.4	20.3
7 30	20 39.07	−29 12.0	1.686	2.690	4.0	20.3
8 9	20 28.19	−29 24.9	1.718	2.702	6.5	20.4
8 19	20 18.64	−29 22.5	1.776	2.714	9.9	20.7
8 29	20 11.35	−29 5.9	1.858	2.725	13.2	20.9
9 8	20 6.86	−28 37.8	1.959	2.735	16.0	21.1

370259 2002 QC_2 7 30.3 323.°28 5.°6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.06	− 6 27.6	1.135	2.037	17.8	20.0
7 10	20 53.46	− 6 19.9	1.056	2.011	13.8	19.7
7 20	20 47.17	− 6 35.3	0.995	1.985	9.3	19.4
7 30	20 39.00	− 7 14.0	0.955	1.960	5.8	19.1
8 9	20 30.28	− 8 12.0	0.936	1.937	7.1	19.1
8 19	20 22.51	− 9 22.6	0.940	1.914	11.7	19.3
8 29	20 17.16	−10 37.1	0.963	1.893	16.8	19.5
9 8	20 15.23	−11 47.3	1.003	1.873	21.4	19.7

469996 2006 KF_{26} 7 30.3 96.°57 5.°9/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.94	−30 37.6	1.797	2.704	11.9	21.1
7 10	20 56.83	−32 17.7	1.751	2.711	8.8	20.9
7 20	20 48.56	−33 53.1	1.730	2.718	6.4	20.8
7 30	20 39.04	−35 15.3	1.736	2.724	6.2	20.8
8 9	20 29.42	−36 17.7	1.768	2.731	8.3	20.9
8 19	20 20.89	−36 57.3	1.825	2.737	11.3	21.1
8 29	20 14.48	−37 14.4	1.903	2.743	14.1	21.3
9 8	20 10.79	−37 12.0	2.001	2.749	16.5	21.5

446249 2013 HG_{55} 7 30.3 112.°23 3.°9/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.06	− 4 58.6	2.367	3.224	11.4	21.2
7 10	20 52.83	− 4 57.2	2.299	3.228	8.7	21.0
7 20	20 46.28	− 5 8.4	2.256	3.232	6.0	20.9
7 30	20 38.98	− 5 31.1	2.238	3.235	4.0	20.8
8 9	20 31.64	− 6 3.1	2.248	3.239	4.5	20.8
8 19	20 24.95	− 6 41.3	2.285	3.243	6.9	21.0
8 29	20 19.54	− 7 22.3	2.348	3.246	9.6	21.1
9 8	20 15.88	− 8 2.7	2.434	3.250	12.1	21.3

572 Rebekka 7 30.3 299.°95 7.°6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.26	− 0 6.7	1.454	2.315	17.0	14.5
7 10	20 54.50	+ 0 7.3	1.374	2.298	13.8	14.2
7 20	20 47.51	− 0 3.0	1.314	2.280	10.4	14.0
7 30	20 39.02	− 0 39.0	1.275	2.263	7.9	13.8
8 9	20 30.16	− 1 38.2	1.260	2.246	8.1	13.8
8 19	20 22.14	− 2 54.9	1.269	2.229	10.9	13.9
8 29	20 16.11	− 4 21.3	1.300	2.213	14.7	14.1
9 8	20 12.86	− 5 48.9	1.351	2.197	18.3	14.2

53786 2000 EM_{97} 7 30.3 341.°49 1.°8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.23	−14 43.1	1.137	2.056	16.3	17.0
7 10	20 54.83	−14 34.3	1.073	2.043	11.8	16.7
7 20	20 47.76	−14 37.0	1.029	2.031	6.6	16.4
7 30	20 39.02	−14 48.3	1.007	2.021	1.9	16.1
8 9	20 30.07	−15 4.1	1.007	2.011	5.6	16.3
8 19	20 22.39	−15 19.9	1.030	2.003	11.0	16.6
8 29	20 17.27	−15 32.2	1.073	1.997	16.0	16.8
9 8	20 15.50	−15 38.2	1.133	1.991	20.2	17.1

471583 2012 RK_{13} 7 30.3 330.°22 21.°4/21.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 55.35	+33 37.0	1.572	2.196	25.0	20.2
7 10	20 51.94	+34 54.1	1.498	2.177	24.2	20.1
7 20	20 46.23	+35 29.3	1.432	2.158	23.3	20.0
7 30	20 38.98	+35 13.5	1.377	2.141	22.5	19.8
8 9	20 31.32	+34 1.9	1.335	2.124	21.8	19.7
8 19	20 24.52	+31 53.9	1.306	2.109	21.4	19.6
8 29	20 19.81	+28 55.2	1.293	2.094	21.5	19.6
9 8	20 18.04	+25 18.2	1.298	2.081	22.2	19.6

250756 2005 SC_{215} 7 30.3 12.°06 5.°2/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.79	− 5 2.3	1.826	2.694	13.7	19.4
7 10	20 54.32	− 4 29.6	1.763	2.695	10.7	19.3
7 20	20 47.16	− 4 11.5	1.721	2.697	7.5	19.1
7 30	20 39.02	− 4 8.2	1.705	2.700	5.4	19.0
8 9	20 30.84	− 4 17.9	1.714	2.703	6.0	19.0
8 19	20 23.52	− 4 38.0	1.749	2.706	8.7	19.2
8 29	20 17.89	− 5 4.5	1.808	2.710	11.8	19.4
9 8	20 14.47	− 5 33.3	1.887	2.714	14.6	19.6

361937 2008 HJ_{27} 7 30.3 265.°59 4.°6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.77	− 3 0.1	2.250	3.101	12.1	21.1
7 10	20 52.74	− 3 2.0	2.174	3.097	9.4	21.0
7 20	20 46.29	− 3 18.8	2.121	3.092	6.7	20.8
7 30	20 39.00	− 3 49.6	2.094	3.087	4.8	20.7
8 9	20 31.59	− 4 32.1	2.094	3.082	5.1	20.7
8 19	20 24.81	− 5 22.6	2.121	3.077	7.4	20.8
8 29	20 19.35	− 6 17.1	2.173	3.073	10.2	21.0
9 8	20 15.72	− 7 11.3	2.248	3.068	12.8	21.1

190568 2000 SQ_{183} 7 30.3 349.°85 2.°9/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 52.07	− 9 1.8	1.007	1.928	17.8	19.5
7 10	20 49.95	− 9 49.1	0.946	1.915	13.1	19.2
7 20	20 45.28	−11 2.9	0.902	1.903	7.9	18.8
7 30	20 38.97	−12 38.0	0.880	1.893	3.2	18.5
8 9	20 32.39	−14 24.6	0.879	1.885	5.7	18.7
8 19	20 27.01	−16 11.2	0.900	1.879	11.3	18.9
8 29	20 24.14	−17 47.0	0.940	1.875	16.5	19.2
9 8	20 24.59	−19 4.7	0.998	1.874	20.9	19.5

507260 2011 CT_{45} 7 30.3 261.°61 3.°7/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.48	−25 55.8	1.612	2.521	13.0	21.4
7 10	20 58.79	−26 33.7	1.543	2.509	9.3	21.2
7 20	20 49.69	−27 10.6	1.498	2.497	5.4	20.9
7 30	20 39.10	−27 40.2	1.478	2.485	3.7	20.8
8 9	20 28.33	−27 57.1	1.484	2.473	6.6	20.9
8 19	20 18.69	−27 58.7	1.515	2.461	10.7	21.1
8 29	20 11.34	−27 45.1	1.569	2.448	14.6	21.3
9 8	20 6.99	−27 18.5	1.641	2.435	17.8	21.5

64740 2001 XP_{144} 7 30.3 99.°65 2.°7/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.01	− 8 34.7	2.342	3.210	11.1	19.8
7 10	20 54.11	− 8 40.4	2.288	3.228	8.2	19.6
7 20	20 46.90	− 8 56.1	2.260	3.246	5.1	19.5
7 30	20 39.02	− 9 20.3	2.258	3.264	2.8	19.3
8 9	20 31.20	− 9 50.2	2.284	3.282	3.8	19.4
8 19	20 24.14	−10 22.9	2.339	3.299	6.6	19.6
8 29	20 18.45	−10 55.6	2.419	3.316	9.4	19.8
9 8	20 14.57	−11 25.6	2.523	3.332	11.9	20.0

33955 2000 NC_3 7 30.3 290.°06 0.°3/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.14	−15 26.9	1.594	2.497	13.5	19.0
7 10	20 55.60	−16 3.4	1.528	2.492	9.5	18.7
7 20	20 47.96	−16 49.8	1.485	2.487	5.0	18.5
7 30	20 39.05	−17 41.4	1.468	2.483	0.4	18.1
8 9	20 30.00	−18 32.7	1.476	2.479	4.6	18.4
8 19	20 21.92	−19 18.6	1.511	2.474	9.2	18.7
8 29	20 15.86	−19 55.7	1.568	2.470	13.3	18.9
9 8	20 12.45	−20 22.1	1.646	2.466	16.7	19.1

257921 2000 WA_{29} 7 30.3 224.°27 12.°7/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.61	+ 8 36.8	1.450	2.254	19.8	21.3
7 10	21 0.49	+ 9 51.5	1.373	2.243	17.2	21.1
7 20	20 50.71	+10 38.3	1.314	2.231	14.7	20.9
7 30	20 39.14	+10 51.1	1.275	2.217	13.0	20.7
8 9	20 27.07	+10 28.3	1.260	2.202	12.9	20.7
8 19	20 15.91	+ 9 32.8	1.266	2.186	14.6	20.7
8 29	20 7.01	+ 8 12.3	1.294	2.168	17.4	20.9
9 8	20 1.26	+ 6 37.6	1.340	2.150	20.3	21.0

520841 2014 UT_{236} 7 30.3 78.°15 3.°2/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.47	−11 28.8	1.312	2.209	16.2	21.0
7 10	20 58.70	−11 9.0	1.261	2.218	11.8	20.8
7 20	20 49.55	−11 2.1	1.231	2.226	7.1	20.5
7 30	20 39.10	−11 6.3	1.225	2.235	3.4	20.3
8 9	20 28.74	−11 18.4	1.243	2.244	5.6	20.5
8 19	20 19.77	−11 34.6	1.286	2.253	10.1	20.8
8 29	20 13.28	−11 51.2	1.352	2.262	14.4	21.0
9 8	20 9.86	−12 5.2	1.436	2.271	18.0	21.3

190018 2004 PU_{16} 7 30.3 78.°82 1.°9/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.21	−14 38.1	1.614	2.508	13.8	19.4
7 10	20 58.27	−14 14.1	1.553	2.511	9.9	19.2
7 20	20 49.26	−13 57.3	1.515	2.514	5.6	19.0
7 30	20 39.10	−13 45.9	1.503	2.516	1.9	18.7
8 9	20 28.95	−13 38.0	1.518	2.519	4.7	18.9
8 19	20 19.96	−13 31.6	1.558	2.522	9.0	19.2
8 29	20 13.09	−13 25.1	1.623	2.524	12.9	19.4
9 8	20 8.90	−13 16.9	1.707	2.527	16.2	19.6

19569 1999 KM_{15} 7 30.3 43.°85 7.°0/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.64	− 2 22.8	1.515	2.379	16.2	16.8
7 10	20 55.80	− 1 40.6	1.462	2.388	12.8	16.6
7 20	20 47.98	− 1 18.2	1.429	2.398	9.5	16.4
7 30	20 39.06	− 1 16.3	1.420	2.408	7.2	16.3
8 9	20 30.17	− 1 33.1	1.435	2.418	7.5	16.3
8 19	20 22.38	− 2 4.5	1.474	2.429	10.2	16.5
8 29	20 16.62	− 2 45.1	1.536	2.440	13.4	16.7
9 8	20 13.45	− 3 28.9	1.618	2.451	16.3	17.0

440717 2005 YV_{248} 7 30.3 196.°24 2.°1/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.47	−11 10.0	2.780	3.650	9.5	21.3
7 10	20 54.37	−10 57.6	2.705	3.647	6.9	21.1
7 20	20 47.06	−10 51.7	2.655	3.645	4.2	20.9
7 30	20 39.06	−10 51.4	2.633	3.642	2.1	20.8
8 9	20 31.00	−10 55.1	2.641	3.638	3.3	20.8
8 19	20 23.53	−11 1.2	2.677	3.635	6.0	21.0
8 29	20 17.23	−11 8.2	2.740	3.631	8.7	21.2
9 8	20 12.53	−11 14.4	2.827	3.626	11.0	21.3

154811 2004 PK_{107} 7 30.3 7.°89 2.°5/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.62	−11 24.2	1.573	2.466	14.2	20.2
7 10	20 55.87	−11 27.5	1.511	2.466	10.3	20.0
7 20	20 48.07	−11 43.1	1.471	2.466	6.1	19.8
7 30	20 39.08	−12 8.4	1.455	2.467	2.6	19.6
8 9	20 30.03	−12 39.6	1.466	2.467	4.8	19.7
8 19	20 22.00	−13 12.5	1.502	2.468	9.0	19.9
8 29	20 15.99	−13 43.4	1.561	2.469	12.9	20.2
9 8	20 12.59	−14 9.1	1.640	2.469	16.3	20.4

159082 2004 TU_{237} 7 30.3 209.°52 5.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.40	−36 18.2	2.813	3.700	8.8	20.7
7 10	20 55.93	−37 10.0	2.754	3.695	6.9	20.6
7 20	20 47.95	−37 54.7	2.720	3.690	5.5	20.5
7 30	20 39.08	−38 27.7	2.714	3.684	5.4	20.4
8 9	20 30.16	−38 45.9	2.735	3.678	6.7	20.5
8 19	20 21.97	−38 48.3	2.782	3.672	8.6	20.6
8 29	20 15.24	−38 35.5	2.853	3.665	10.6	20.8
9 8	20 10.49	−38 9.8	2.944	3.658	12.4	20.9

127064 2002 GA_{54} 7 30.3 76.°32 5.°2/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.32	− 1 53.3	1.737	2.595	14.8	19.1
7 10	20 54.05	− 2 19.4	1.679	2.606	11.5	18.9
7 20	20 47.04	− 3 6.1	1.643	2.616	8.1	18.7
7 30	20 39.07	− 4 11.2	1.631	2.627	5.5	18.6
8 9	20 31.07	− 5 29.8	1.646	2.638	5.8	18.6
8 19	20 23.98	− 6 55.5	1.687	2.649	8.5	18.8
8 29	20 18.63	− 8 21.7	1.752	2.660	11.8	19.1
9 8	20 15.56	− 9 42.5	1.840	2.670	14.8	19.3

241686 2000 RV_{98} 7 30.3 305.°32 9.°3/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.04	+ 1 58.0	1.542	2.388	16.9	19.9
7 10	20 55.11	+ 2 50.0	1.449	2.358	14.2	19.7
7 20	20 47.91	+ 3 20.7	1.376	2.328	11.4	19.4
7 30	20 39.10	+ 3 26.3	1.325	2.299	9.5	19.2
8 9	20 29.75	+ 3 6.1	1.297	2.269	9.7	19.2
8 19	20 21.05	+ 2 22.5	1.293	2.239	12.1	19.2
8 29	20 14.21	+ 1 21.3	1.309	2.210	15.4	19.4
9 8	20 10.11	+ 0 10.4	1.345	2.181	18.9	19.5

394324 2006 WC_{109} 7 30.3 348.°08 4.°2/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.00	−26 54.2	1.774	2.687	11.8	20.3
7 10	20 54.77	−28 3.0	1.717	2.684	8.4	20.1
7 20	20 47.52	−29 11.0	1.683	2.681	5.3	19.9
7 30	20 39.08	−30 11.2	1.676	2.678	4.4	19.8
8 9	20 30.53	−30 57.9	1.694	2.675	6.9	20.0
8 19	20 22.96	−31 27.7	1.737	2.674	10.2	20.2
8 29	20 17.33	−31 39.8	1.803	2.672	13.5	20.4
9 8	20 14.26	−31 35.6	1.888	2.671	16.2	20.6

322267 2011 ET_{26} 7 30.3 13.°60 0.°8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.56	−18 14.7	1.470	2.380	13.9	20.6
7 10	20 55.98	−18 53.2	1.413	2.381	9.7	20.4
7 20	20 48.19	−19 39.0	1.378	2.382	5.0	20.1
7 30	20 39.10	−20 26.5	1.369	2.384	0.8	19.8
8 9	20 29.95	−21 9.7	1.385	2.385	5.1	20.1
8 19	20 21.96	−21 44.2	1.425	2.387	9.8	20.4
8 29	20 16.17	−22 7.4	1.489	2.389	13.9	20.7
9 8	20 13.20	−22 18.7	1.571	2.392	17.3	20.9

307919 2004 ET_{10} 7 30.3 88.°01 0.°6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.06	−17 53.4	1.525	2.430	13.8	20.8
7 10	20 57.51	−18 31.4	1.480	2.446	9.6	20.6
7 20	20 48.86	−19 15.7	1.458	2.461	4.9	20.4
7 30	20 39.12	−20 0.9	1.462	2.477	0.6	20.1
8 9	20 29.49	−20 41.4	1.492	2.492	4.9	20.5
8 19	20 21.14	−21 13.5	1.547	2.507	9.3	20.8
8 29	20 15.00	−21 35.0	1.626	2.522	13.2	21.0
9 8	20 11.61	−21 45.7	1.724	2.537	16.4	21.3

371389 2006 RS_{10} 7 30.3 293.°63 2.°1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.78	−21 15.0	1.394	2.308	14.3	21.4
7 10	20 58.00	−21 49.2	1.314	2.284	10.1	21.1
7 20	20 49.50	−22 28.8	1.256	2.259	5.4	20.8
7 30	20 39.17	−23 7.5	1.221	2.235	2.1	20.5
8 9	20 28.35	−23 39.1	1.212	2.211	6.2	20.7
8 19	20 18.56	−23 58.7	1.227	2.186	11.3	20.9
8 29	20 11.18	−24 4.4	1.264	2.162	16.1	21.2
9 8	20 7.10	−23 56.5	1.318	2.138	20.1	21.4

44214 1998 OC_{14} 7 30.3 255.°60 1.°6/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.61	−10 41.0	2.001	2.884	12.0	18.6
7 10	20 54.30	−11 26.5	1.920	2.871	8.8	18.4
7 20	20 47.25	−12 25.2	1.863	2.859	5.1	18.2
7 30	20 39.10	−13 33.4	1.833	2.846	1.8	17.9
8 9	20 30.72	−14 46.2	1.831	2.833	3.9	18.0
8 19	20 23.01	−15 58.2	1.857	2.820	7.8	18.2
8 29	20 16.82	−17 4.9	1.908	2.807	11.4	18.4
9 8	20 12.79	−18 2.7	1.981	2.793	14.6	18.6

254279 2004 RA_{210} 7 30.3 341.°48 7.°8/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.07	+ 6 4.4	2.141	2.948	14.1	20.1
7 10	20 52.34	+ 6 21.3	2.068	2.946	11.9	19.9
7 20	20 46.14	+ 6 17.0	2.016	2.944	9.8	19.8
7 30	20 39.07	+ 5 50.9	1.987	2.942	8.2	19.7
8 9	20 31.89	+ 5 4.3	1.983	2.940	7.9	19.7
8 19	20 25.36	+ 4 1.1	2.004	2.938	9.2	19.8
8 29	20 20.20	+ 2 46.6	2.049	2.937	11.3	19.9
9 8	20 16.93	+ 1 26.8	2.117	2.936	13.5	20.0

467354 2003 NB_{13} 7 30.3 326.°20 1.°0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.45	−13 25.1	1.060	1.982	17.0	20.3
7 10	20 53.89	−14 6.2	0.989	1.961	12.3	20.0
7 20	20 47.47	−15 6.6	0.938	1.942	6.7	19.6
7 30	20 39.11	−16 21.0	0.908	1.923	1.2	19.2
8 9	20 30.28	−17 40.6	0.901	1.906	5.9	19.4
8 19	20 22.59	−18 56.0	0.915	1.889	12.0	19.7
8 29	20 17.57	−19 59.5	0.949	1.874	17.4	20.0
9 8	20 16.17	−20 46.5	0.999	1.860	22.1	20.2

445418 2010 TL_{144} 7 30.3 277.°22 4.°8/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.38	− 3 3.2	2.270	3.120	12.0	20.9
7 10	20 53.20	− 2 49.5	2.191	3.111	9.5	20.7
7 20	20 46.57	− 2 49.8	2.135	3.103	6.9	20.5
7 30	20 39.08	− 3 3.9	2.104	3.095	5.0	20.4
8 9	20 31.46	− 3 29.9	2.101	3.086	5.4	20.4
8 19	20 24.44	− 4 5.2	2.124	3.078	7.6	20.5
8 29	20 18.75	− 4 46.0	2.173	3.070	10.3	20.7
9 8	20 14.89	− 5 28.5	2.244	3.061	12.9	20.8

335067 2004 RH_{224} 7 30.3 256.°93 7.°6/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.65	+ 3 40.6	1.930	2.753	14.9	20.9
7 10	20 54.36	+ 3 51.1	1.846	2.740	12.3	20.7
7 20	20 47.30	+ 3 39.5	1.782	2.726	9.8	20.5
7 30	20 39.11	+ 3 5.0	1.742	2.712	7.9	20.3
8 9	20 30.66	+ 2 9.4	1.728	2.698	7.8	20.3
8 19	20 22.87	+ 0 56.8	1.739	2.683	9.7	20.4
8 29	20 16.63	− 0 26.4	1.774	2.669	12.4	20.5
9 8	20 12.57	− 1 53.4	1.831	2.654	15.2	20.7

230479 2002 TT_{36} 7 30.3 316.°54 5.°7/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.95	−28 44.6	1.305	2.225	14.6	19.9
7 10	20 58.19	−29 40.1	1.243	2.212	10.7	19.7
7 20	20 49.57	−30 32.5	1.203	2.200	7.0	19.4
7 30	20 39.18	−31 12.9	1.186	2.188	5.9	19.3
8 9	20 28.56	−31 34.0	1.193	2.176	8.8	19.5
8 19	20 19.33	−31 32.8	1.222	2.165	13.0	19.7
8 29	20 12.85	−31 10.3	1.272	2.155	17.0	19.9
9 8	20 9.88	−30 30.3	1.339	2.145	20.5	20.1

271633 2004 PU_{73} 7 30.3 325.°13 3.°7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.39	−25 46.3	1.298	2.218	14.6	20.1
7 10	20 57.76	−26 3.2	1.228	2.200	10.5	19.8
7 20	20 49.34	−26 18.3	1.180	2.182	6.0	19.5
7 30	20 39.17	−26 25.4	1.155	2.165	3.7	19.3
8 9	20 28.75	−26 19.2	1.153	2.148	7.1	19.5
8 19	20 19.63	−25 57.8	1.175	2.133	11.9	19.7
8 29	20 13.17	−25 22.0	1.218	2.118	16.4	19.9
9 8	20 10.13	−24 34.4	1.278	2.104	20.3	20.2

173068 2006 SU_{171} 7 30.3 310.°62 0.°7/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.95	−15 6.3	1.849	2.747	12.2	20.0
7 10	20 54.57	−15 23.9	1.779	2.739	8.6	19.7
7 20	20 47.38	−15 49.7	1.732	2.732	4.7	19.5
7 30	20 39.12	−16 20.4	1.711	2.725	0.8	19.2
8 9	20 30.72	−16 52.1	1.716	2.719	4.1	19.4
8 19	20 23.16	−17 21.4	1.748	2.712	8.2	19.6
8 29	20 17.30	−17 45.5	1.805	2.706	11.9	19.9
9 8	20 13.75	−18 2.6	1.882	2.699	15.0	20.1

448612 2010 UH_{47} 7 30.3 237.°83 4.°0/ 2.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.40	− 4 51.5	2.386	3.241	11.3	21.6
7 10	20 53.14	− 4 45.3	2.310	3.237	8.7	21.5
7 20	20 46.51	− 4 51.5	2.258	3.233	6.1	21.3
7 30	20 39.09	− 5 9.4	2.232	3.229	4.2	21.2
8 9	20 31.58	− 5 37.0	2.234	3.224	4.7	21.2
8 19	20 24.67	− 6 11.5	2.263	3.220	7.0	21.3
8 29	20 19.03	− 6 49.6	2.318	3.215	9.8	21.5
9 8	20 15.13	− 7 27.9	2.396	3.211	12.3	21.7

19360 1997 JS_{12} 7 30.3 129.°39 0.°1/30.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.62	−16 38.0	2.434	3.325	9.9	19.6
7 10	20 53.92	−17 2.3	2.374	3.332	6.9	19.4
7 20	20 46.88	−17 31.5	2.339	3.340	3.6	19.2
7 30	20 39.11	−18 2.7	2.332	3.347	0.2	18.9
8 9	20 31.33	−18 32.8	2.353	3.354	3.3	19.2
8 19	20 24.25	−18 59.4	2.403	3.361	6.6	19.4
8 29	20 18.53	−19 20.5	2.478	3.368	9.5	19.6
9 8	20 14.60	−19 35.2	2.576	3.374	12.0	19.8

264013 2009 PX_5 7 30.3 37.°75 4.°7/ 2.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.87	− 3 56.4	2.150	3.006	12.4	20.4
7 10	20 53.53	− 3 39.2	2.083	3.008	9.7	20.2
7 20	20 46.73	− 3 35.9	2.039	3.011	6.9	20.1
7 30	20 39.10	− 3 46.2	2.021	3.013	4.9	19.9
8 9	20 31.43	− 4 8.0	2.029	3.016	5.3	20.0
8 19	20 24.46	− 4 38.6	2.064	3.019	7.7	20.1
8 29	20 18.92	− 5 14.3	2.124	3.022	10.5	20.3
9 8	20 15.29	− 5 51.3	2.206	3.025	13.0	20.5

218416 2004 RE_{97} 7 30.3 292.°45 2.°8/ 1.0 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.40	− 9 46.1	2.179	3.055	11.5	19.9
7 10	20 53.98	− 9 36.5	2.099	3.044	8.5	19.7
7 20	20 47.02	− 9 36.5	2.043	3.032	5.3	19.5
7 30	20 39.12	− 9 45.2	2.014	3.021	2.9	19.3
8 9	20 31.08	−10 0.4	2.012	3.010	4.2	19.4
8 19	20 23.70	−10 19.7	2.037	2.998	7.3	19.6
8 29	20 17.74	−10 40.3	2.087	2.987	10.5	19.7
9 8	20 13.73	−10 59.8	2.160	2.976	13.4	19.9

57544 2001 TL_{20} 7 30.3 236.°71 2.°3/31.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 0.98	−11 11.1	2.281	3.157	11.0	19.8
7 10	20 55.00	−11 2.2	2.203	3.150	8.1	19.6
7 20	20 47.52	−11 1.5	2.150	3.142	4.9	19.4
7 30	20 39.14	−11 7.7	2.125	3.134	2.4	19.2
8 9	20 30.65	−11 18.8	2.127	3.126	3.9	19.3
8 19	20 22.85	−11 32.5	2.157	3.118	7.1	19.5
8 29	20 16.44	−11 46.7	2.213	3.109	10.2	19.6
9 8	20 11.97	−11 59.3	2.292	3.100	12.9	19.8

243120 2007 RE_{199} 7 30.3 9.°05 1.°9/29.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.36	−22 6.5	1.560	2.472	13.1	20.0
7 10	20 56.46	−22 27.5	1.504	2.473	9.2	19.8
7 20	20 48.41	−22 50.5	1.471	2.474	4.8	19.5
7 30	20 39.16	−23 10.5	1.462	2.476	1.9	19.3
8 9	20 29.92	−23 23.3	1.480	2.478	5.4	19.6
8 19	20 21.86	−23 26.5	1.522	2.480	9.6	19.8
8 29	20 15.96	−23 19.3	1.587	2.483	13.5	20.1
9 8	20 12.81	−23 2.5	1.672	2.486	16.7	20.3

31892 2000 FC_{43} 7 30.3 22.°95 0.°3/30.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 1.53	−16 22.7	1.042	1.965	17.1	18.4
7 10	20 56.50	−17 5.6	0.996	1.969	12.0	18.1
7 20	20 48.65	−18 1.1	0.969	1.974	6.2	17.8
7 30	20 39.17	−19 1.5	0.964	1.979	0.3	17.4
8 9	20 29.70	−19 58.6	0.982	1.985	6.0	17.8
8 19	20 21.81	−20 45.4	1.022	1.992	11.6	18.2
8 29	20 16.76	−21 18.1	1.082	1.999	16.5	18.5
9 8	20 15.21	−21 35.7	1.160	2.008	20.5	18.8

276054 2002 CH_{33} 7 30.3 107.°16 1.°7/29.0 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.25	−19 10.9	1.827	2.729	12.1	20.7
7 10	20 56.13	−20 29.9	1.778	2.743	8.3	20.5
7 20	20 48.17	−21 54.3	1.754	2.757	4.3	20.3
7 30	20 39.17	−23 17.4	1.758	2.770	1.8	20.2
8 9	20 30.15	−24 32.5	1.789	2.784	5.0	20.4
8 19	20 22.13	−25 35.0	1.847	2.797	8.8	20.7
8 29	20 15.96	−26 22.4	1.929	2.809	12.2	20.9
9 8	20 12.20	−26 54.7	2.033	2.822	15.0	21.1

455107 2015 UK_{82} 7 30.3 200.°03 16.°0/ 9.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.56	+17 17.8	1.343	2.107	23.0	21.8
7 10	20 57.69	+18 16.4	1.279	2.105	20.8	21.6
7 20	20 49.27	+18 35.3	1.229	2.103	18.6	21.4
7 30	20 39.21	+18 8.1	1.196	2.100	16.8	21.3
8 9	20 28.82	+16 53.7	1.182	2.096	16.0	21.2
8 19	20 19.53	+14 57.6	1.188	2.092	16.6	21.3
8 29	20 12.60	+12 31.2	1.214	2.087	18.4	21.4
9 8	20 8.84	+ 9 49.3	1.259	2.081	20.7	21.5

498090 2007 RO_{245} 7 30.3 314.°61 4.°7/28.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.42	−25 13.0	1.113	2.041	15.8	20.6
7 10	20 57.54	−26 10.0	1.044	2.019	11.4	20.3
7 20	20 49.46	−27 9.9	0.996	1.999	6.8	20.0
7 30	20 39.23	−28 3.1	0.970	1.978	4.9	19.8
8 9	20 28.51	−28 40.2	0.966	1.959	8.6	20.0
8 19	20 19.14	−28 55.8	0.984	1.940	13.8	20.2
8 29	20 12.75	−28 48.9	1.021	1.922	18.7	20.4
9 8	20 10.28	−28 22.2	1.073	1.905	22.9	20.6

58837 1998 HQ_{46} 7 30.3 83.°32 4.°4/ 2.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 58.25	− 3 30.2	2.129	2.984	12.5	18.5
7 10	20 53.13	− 3 37.8	2.063	2.989	9.7	18.3
7 20	20 46.54	− 4 0.7	2.020	2.993	6.8	18.1
7 30	20 39.13	− 4 37.7	2.002	2.998	4.7	18.0
8 9	20 31.67	− 5 25.7	2.012	3.003	5.0	18.0
8 19	20 24.92	− 6 20.9	2.048	3.007	7.5	18.2
8 29	20 19.58	− 7 18.7	2.110	3.012	10.4	18.4
9 8	20 16.15	− 8 14.9	2.195	3.016	13.0	18.6

51688 2001 KW_{12} 7 30.3 50.°27 1.°6/31.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 1.42	−12 17.7	1.392	2.294	15.1	18.8
7 10	20 55.91	−12 50.4	1.338	2.299	10.8	18.5
7 20	20 48.18	−13 37.2	1.305	2.305	6.1	18.3
7 30	20 39.18	−14 33.2	1.297	2.311	1.7	18.0
8 9	20 30.14	−15 32.3	1.314	2.317	4.8	18.2
8 19	20 22.29	−16 28.4	1.356	2.323	9.6	18.5
8 29	20 16.66	−17 16.8	1.420	2.330	13.8	18.8
9 8	20 13.87	−17 54.7	1.504	2.337	17.4	19.0

498488 2008 CV_{130} 7 30.3 153.°27 0.°7/30.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.83	−14 35.9	1.727	2.620	13.1	22.0
7 10	20 57.30	−15 7.7	1.668	2.627	9.3	21.8
7 20	20 48.82	−15 48.7	1.632	2.633	5.0	21.6
7 30	20 39.21	−16 34.5	1.623	2.638	0.8	21.3
8 9	20 29.57	−17 20.4	1.641	2.643	4.3	21.6
8 19	20 20.95	−18 1.9	1.686	2.647	8.6	21.8
8 29	20 14.28	−18 36.1	1.754	2.651	12.4	22.1
9 8	20 10.14	−19 1.4	1.844	2.654	15.6	22.3

357867 2005 UB_{310} 7 30.3 45.°28 5.°3/26.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 1.73	−32 27.5	2.139	3.041	10.6	20.9
7 10	20 55.76	−33 30.9	2.088	3.043	7.9	20.8
7 20	20 47.99	−34 28.4	2.061	3.045	5.8	20.6
7 30	20 39.19	−35 14.2	2.061	3.047	5.5	20.6
8 9	20 30.36	−35 43.9	2.087	3.049	7.3	20.7
8 19	20 22.46	−35 55.9	2.139	3.051	9.8	20.9
8 29	20 16.35	−35 50.5	2.213	3.054	12.4	21.1
9 8	20 12.58	−35 30.3	2.308	3.056	14.6	21.3

213500 2002 GE_{52} 7 30.3 132.°41 1.°7/31.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.47	−12 17.0	1.482	2.377	14.7	21.2
7 10	20 57.27	−12 45.1	1.425	2.383	10.6	20.9
7 20	20 48.88	−13 26.3	1.390	2.388	6.0	20.7
7 30	20 39.23	−14 16.3	1.380	2.394	1.8	20.4
8 9	20 29.53	−15 9.3	1.396	2.399	4.7	20.6
8 19	20 20.98	−16 0.0	1.438	2.403	9.3	20.9
8 29	20 14.62	−16 44.1	1.502	2.408	13.5	21.2
9 8	20 11.06	−17 18.9	1.587	2.412	17.0	21.4

520149 2014 BN_{69} 7 30.3 246.°95 4.°0/ 2.3 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	20 59.23	− 4 33.1	1.903	2.767	13.4	21.6
7 10	20 54.05	− 5 4.8	1.827	2.761	10.3	21.4
7 20	20 47.15	− 5 54.6	1.773	2.754	6.9	21.2
7 30	20 39.18	− 7 0.0	1.746	2.748	4.2	21.0
8 9	20 31.03	− 8 16.7	1.745	2.741	4.9	21.0
8 19	20 23.60	− 9 38.9	1.771	2.734	8.1	21.2
8 29	20 17.75	−11 0.5	1.823	2.728	11.5	21.4
9 8	20 14.08	−12 16.6	1.896	2.720	14.6	21.6

134611 1999 TN_{217} 7 30.3 220.°93 2.°9/31.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 2.34	− 9 28.9	1.629	2.513	14.2	20.1
7 10	20 56.44	− 9 46.4	1.559	2.509	10.5	19.8
7 20	20 48.46	−10 18.7	1.512	2.505	6.4	19.6
7 30	20 39.22	−11 3.0	1.489	2.500	3.0	19.4
8 9	20 29.81	−11 54.7	1.494	2.494	4.8	19.5
8 19	20 21.33	−12 48.6	1.524	2.489	9.0	19.7
8 29	20 14.79	−13 39.9	1.577	2.483	13.0	19.9
9 8	20 10.85	−14 24.7	1.652	2.477	16.4	20.1

132199 2002 EB_{45} 7 30.3 276.°43 3.°5/31.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
6 30	21 3.68	− 9 40.0	1.474	2.363	15.2	19.6
7 10	20 57.79	− 9 39.2	1.387	2.338	11.4	19.3
7 20	20 49.39	− 9 53.5	1.321	2.314	7.1	18.9
7 30	20 39.26	−10 21.5	1.279	2.289	3.6	18.7
8 9	20 28.61	−10 59.6	1.263	2.263	5.6	18.7
8 19	20 18.79	−11 42.9	1.271	2.237	10.3	18.9
8 29	20 11.07	−12 26.4	1.302	2.211	14.9	19.1
9 8	20 6.35	−13 5.6	1.353	2.184	19.0	19.3

121735 1999 XD_{185} 7 30.3 313.°42 0.°1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.27	−19 10.1	1.938	2.837	11.6	19.1
7 10	20 56.22	−18 58.2	1.857	2.819	8.2	18.9
7 20	20 48.29	−18 48.8	1.800	2.802	4.3	18.6
7 30	20 39.22	−18 39.6	1.769	2.785	0.1	18.2
8 9	20 30.00	−18 28.4	1.766	2.768	4.1	18.5
8 19	20 21.59	−18 13.7	1.790	2.751	8.2	18.7
8 29	20 14.92	−17 54.9	1.838	2.735	11.9	18.9
9 8	20 10.60	−17 31.8	1.908	2.719	15.1	19.1

397097 2005 UJ_{459} 7 30.3 276.°10 5.°1/ 3.1 16

6 30	20 57.89	− 1 36.9	2.225	3.070	12.4	21.4
7 10	20 52.90	− 1 33.9	2.148	3.065	9.8	21.2
7 20	20 46.46	− 1 46.8	2.095	3.059	7.2	21.1
7 30	20 39.17	− 2 15.0	2.066	3.054	5.3	20.9
8 9	20 31.75	− 2 56.3	2.064	3.048	5.6	20.9
8 19	20 24.96	− 3 47.2	2.089	3.043	7.7	21.1
8 29	20 19.49	− 4 43.4	2.139	3.037	10.4	21.2
9 8	20 15.87	− 5 40.4	2.212	3.032	13.0	21.4

78361 2002 PX_{109} 7 30.3 279.°98 1.°3/29.5 18

6 30	21 1.93	−18 6.6	1.468	2.378	13.9	19.3
7 10	20 56.50	−19 8.1	1.397	2.365	9.8	19.0
7 20	20 48.65	−20 19.5	1.349	2.353	5.1	18.7
7 30	20 39.25	−21 34.1	1.326	2.340	1.3	18.4
8 9	20 29.52	−22 44.1	1.329	2.328	5.6	18.7
8 19	20 20.79	−23 43.2	1.356	2.315	10.5	19.0
8 29	20 14.26	−24 27.4	1.406	2.302	14.9	19.2
9 8	20 10.72	−24 55.6	1.475	2.290	18.5	19.4

444338 2005 WD_{98} 7 30.3 235.°71 0.°0/30.3 18

6 30	20 59.49	−17 4.6	2.851	3.737	8.8	22.7
7 10	20 53.83	−17 27.4	2.766	3.723	6.1	22.5
7 20	20 46.90	−17 54.5	2.708	3.708	3.2	22.3
7 30	20 39.20	−18 23.4	2.678	3.693	0.1	22.0
8 9	20 31.36	−18 51.5	2.677	3.677	3.0	22.3
8 19	20 24.03	−19 16.5	2.705	3.661	6.1	22.5
8 29	20 17.82	−19 36.8	2.761	3.645	8.8	22.6
9 8	20 13.19	−19 51.2	2.839	3.628	11.2	22.8

290944 2005 WF_{156} 7 30.3 261.°11 4.°4/ 2.7 18

6 30	20 58.26	− 2 46.6	2.509	3.353	11.2	21.4
7 10	20 53.11	− 2 46.5	2.418	3.335	8.8	21.2
7 20	20 46.58	− 2 59.9	2.350	3.318	6.4	21.0
7 30	20 39.20	− 3 26.4	2.309	3.300	4.6	20.9
8 9	20 31.62	− 4 4.1	2.295	3.281	4.9	20.9
8 19	20 24.54	− 4 50.2	2.309	3.263	7.1	21.0
8 29	20 18.62	− 5 40.9	2.349	3.244	9.7	21.1
9 8	20 14.38	− 6 32.4	2.412	3.225	12.3	21.3

476114 2007 TT_{176} 7 30.3 347.°94 4.°1/27.9 18

6 30	21 2.66	−27 24.8	1.758	2.668	12.0	20.8
7 10	20 56.64	−28 13.8	1.702	2.667	8.6	20.6
7 20	20 48.54	−29 0.5	1.668	2.665	5.3	20.4
7 30	20 39.26	−29 38.7	1.661	2.664	4.2	20.3
8 9	20 29.93	−30 3.5	1.680	2.664	6.7	20.5
8 19	20 21.67	−30 12.5	1.724	2.663	10.1	20.7
8 29	20 15.47	−30 5.9	1.791	2.662	13.4	20.9
9 8	20 11.92	−29 45.6	1.877	2.662	16.2	21.1

511983 2015 KO_{86} 7 30.3 176.°73 4.°4/26.9 18

6 30	21 3.07	−27 12.5	1.917	2.823	11.4	21.3
7 10	20 56.89	−28 41.6	1.861	2.824	8.2	21.1
7 20	20 48.69	−30 9.8	1.830	2.825	5.3	20.9
7 30	20 39.27	−31 29.6	1.827	2.825	4.6	20.9
8 9	20 29.69	−32 34.5	1.851	2.826	7.0	21.0
8 19	20 21.05	−33 20.8	1.900	2.826	10.2	21.2
8 29	20 14.31	−33 47.6	1.973	2.825	13.2	21.4
9 8	20 10.12	−33 56.7	2.066	2.825	15.8	21.6

106717 2000 WQ_{174} 7 30.3 215.°87 0.°5/29.9 18

6 30	21 1.24	−16 38.8	1.968	2.864	11.6	20.1
7 10	20 55.48	−17 37.8	1.898	2.860	8.1	19.8
7 20	20 47.92	−18 45.0	1.852	2.854	4.2	19.6
7 30	20 39.25	−19 55.3	1.834	2.849	0.5	19.3
8 9	20 30.40	−21 3.0	1.843	2.843	4.3	19.6
8 19	20 22.32	−22 3.3	1.880	2.836	8.2	19.8
8 29	20 15.89	−22 53.0	1.942	2.830	11.8	20.0
9 8	20 11.73	−23 30.5	2.025	2.823	14.8	20.2

367254 2007 RS_{85} 7 30.3 341.°87 1.°0/29.8 17

6 30	20 54.10	−16 8.1	0.869	1.808	17.9	19.6
7 10	20 51.86	−17 12.9	0.810	1.791	12.7	19.3
7 20	20 46.56	−18 37.4	0.769	1.776	6.6	18.9
7 30	20 39.22	−20 12.7	0.748	1.763	1.0	18.5
8 9	20 31.48	−21 46.3	0.747	1.751	7.0	18.8
8 19	20 25.15	−23 6.6	0.766	1.741	13.4	19.1
8 29	20 21.83	−24 5.9	0.802	1.734	19.0	19.4
9 8	20 22.43	−24 40.9	0.853	1.728	23.7	19.7

103212 1999 XV_{258} 7 30.3 144.°83 1.°7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.04	−21 9.9	2.026	2.927	11.1	20.4
7 10	20 55.92	−21 58.8	1.969	2.933	7.7	20.2
7 20	20 48.08	−22 50.6	1.937	2.939	4.1	19.9
7 30	20 39.26	−23 40.3	1.931	2.944	1.8	19.8
8 9	20 30.41	−24 23.4	1.954	2.949	4.7	20.0
8 19	20 22.45	−24 56.6	2.004	2.953	8.2	20.2
8 29	20 16.18	−25 18.4	2.078	2.958	11.5	20.4
9 8	20 12.16	−25 28.8	2.173	2.962	14.2	20.6

177578 2004 FL_{152} 7 30.3 310.°32 0.°8/30.8 18

6 30	21 0.01	−14 53.1	1.851	2.747	12.2	20.7
7 10	20 54.65	−15 11.0	1.780	2.740	8.7	20.4
7 20	20 47.49	−15 37.2	1.733	2.733	4.7	20.2
7 30	20 39.25	−16 8.6	1.711	2.726	0.9	19.9
8 9	20 30.87	−16 41.3	1.717	2.719	4.0	20.1
8 19	20 23.32	−17 11.6	1.749	2.713	8.1	20.3
8 29	20 17.48	−17 36.9	1.805	2.706	11.8	20.6
9 8	20 13.93	−17 55.1	1.882	2.700	15.0	20.8

511191 2013 YM_{114} 7 30.3 241.°78 0.°0/30.4 18

6 30	21 4.26	−17 53.2	1.922	2.816	11.9	22.3
7 10	20 57.61	−17 57.6	1.846	2.806	8.4	22.1
7 20	20 49.04	−18 6.5	1.794	2.795	4.4	21.8
7 30	20 39.30	−18 16.9	1.769	2.784	0.2	21.4
8 9	20 29.41	−18 25.7	1.771	2.772	4.2	21.7
8 19	20 20.39	−18 30.7	1.801	2.760	8.3	22.0
8 29	20 13.16	−18 30.3	1.855	2.748	12.0	22.2
9 8	20 8.35	−18 24.2	1.931	2.735	15.2	22.4

59421 1999 GV_3 7 30.3 170.°94 0.°5/30.8 18

6 30	21 0.39	−15 3.9	2.506	3.391	9.9	20.6
7 10	20 54.50	−15 29.7	2.439	3.394	7.0	20.4
7 20	20 47.25	−16 1.5	2.397	3.397	3.7	20.2
7 30	20 39.24	−16 36.6	2.384	3.399	0.6	20.0
8 9	20 31.18	−17 11.7	2.400	3.401	3.2	20.2
8 19	20 23.77	−17 44.2	2.444	3.402	6.5	20.4
8 29	20 17.68	−18 11.9	2.514	3.403	9.4	20.6
9 8	20 13.35	−18 33.5	2.607	3.404	11.9	20.8

249318 2008 UH_{201} 7 30.3 42.°11 9.°8/ 5.1 17

6 30	21 0.51	+ 5 14.9	1.589	2.416	17.4	19.3
7 10	20 55.06	+ 6 7.2	1.534	2.424	14.6	19.2
7 20	20 47.70	+ 6 34.1	1.498	2.433	12.0	19.0
7 30	20 39.26	+ 6 33.4	1.484	2.442	10.1	18.9
8 9	20 30.78	+ 6 6.3	1.493	2.451	9.9	19.0
8 19	20 23.30	+ 5 17.2	1.526	2.461	11.4	19.1
8 29	20 17.72	+ 4 12.7	1.580	2.471	13.8	19.2
9 8	20 14.62	+ 3 0.8	1.655	2.481	16.3	19.4

311161 2004 TZ_{87} 7 30.3 169.°73 5.°3/ 4.6 18

6 30	20 57.20	+ 3 1.0	2.882	3.690	10.9	21.3
7 10	20 52.14	+ 2 57.1	2.807	3.693	8.9	21.2
7 20	20 45.99	+ 2 38.3	2.755	3.695	6.9	21.1
7 30	20 39.21	+ 2 4.9	2.730	3.697	5.5	21.0
8 9	20 32.37	+ 1 18.6	2.732	3.699	5.5	21.0
8 19	20 26.03	+ 0 22.5	2.761	3.701	6.7	21.1
8 29	20 20.72	− 0 39.8	2.817	3.702	8.6	21.2
9 8	20 16.85	− 1 44.2	2.897	3.703	10.6	21.3

19700 Teitelbaum 7 30.3 354.°69 6.°4/ 1.3 18 R

6 30	21 2.43	− 7 33.3	1.294	2.184	16.8	17.1
7 10	20 56.79	− 6 18.5	1.232	2.179	13.0	16.8
7 20	20 48.76	− 5 18.0	1.191	2.175	9.1	16.6
7 30	20 39.31	− 4 34.1	1.173	2.172	6.5	16.4
8 9	20 29.76	− 4 7.3	1.179	2.170	7.6	16.5
8 19	20 21.43	− 3 55.9	1.207	2.169	11.1	16.7
8 29	20 15.43	− 3 56.3	1.257	2.170	15.1	16.9
9 8	20 12.45	− 4 3.7	1.326	2.171	18.6	17.2

324940 2007 XE_{46} 7 30.3 275.°48 1.°5/29.4 18

6 30	21 2.70	−18 8.7	1.430	2.341	14.2	20.6
7 10	20 57.20	−19 16.8	1.355	2.323	10.0	20.3
7 20	20 49.14	−20 36.3	1.302	2.306	5.2	20.0
7 30	20 39.36	−21 59.6	1.274	2.288	1.6	19.7
8 9	20 29.14	−23 18.3	1.272	2.270	5.9	20.0
8 19	20 19.87	−24 25.2	1.294	2.252	11.0	20.2
8 29	20 12.87	−25 15.7	1.339	2.234	15.5	20.4
9 8	20 9.00	−25 48.7	1.402	2.216	19.4	20.6

311374 2005 SP_{200} 7 30.3 219.°06 2.°5/ 1.3 18

6 30	20 58.55	− 8 39.6	2.393	3.263	10.8	21.5
7 10	20 53.32	− 8 57.6	2.317	3.259	8.0	21.4
7 20	20 46.71	− 9 26.5	2.266	3.255	5.0	21.2
7 30	20 39.28	−10 4.2	2.242	3.250	2.6	21.0
8 9	20 31.75	−10 47.9	2.246	3.245	3.7	21.1
8 19	20 24.82	−11 34.1	2.278	3.240	6.6	21.2
8 29	20 19.16	−12 19.5	2.337	3.235	9.6	21.4
9 8	20 15.26	−13 1.3	2.418	3.230	12.2	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
204290	2004 PV_{21}		7 30.3	41.°16	1.°1/30.9	18
	h m	° ′			°	m
6 30	21 1.44	−12 38.5	1.078	1.993	17.4	19.6
7 10	20 56.37	−13 33.9	1.033	2.001	12.4	19.3
7 20	20 48.63	−14 47.0	1.007	2.009	6.7	19.0
7 30	20 39.34	−16 10.3	1.004	2.018	1.2	18.7
8 9	20 30.06	−17 34.1	1.024	2.028	5.6	19.0
8 19	20 22.27	−18 49.7	1.067	2.038	11.1	19.4
8 29	20 17.21	−19 51.1	1.130	2.048	15.9	19.7
9 8	20 15.49	−20 35.8	1.212	2.059	19.9	20.0
81114	2000 EV_{123}		7 30.3	246.°20	1.°7/31.4	18
6 30	21 1.55	−11 23.6	1.648	2.538	13.8	19.6
7 10	20 55.96	−12 1.2	1.575	2.531	10.0	19.3
7 20	20 48.30	−12 53.0	1.526	2.523	5.7	19.1
7 30	20 39.34	−13 55.0	1.501	2.515	1.9	18.8
8 9	20 30.15	−15 1.4	1.504	2.506	4.5	19.0
8 19	20 21.84	−16 6.5	1.532	2.498	8.9	19.2
8 29	20 15.43	−17 5.1	1.585	2.489	13.0	19.4
9 8	20 11.61	−17 54.1	1.658	2.480	16.5	19.7
60256	1999 WB_{20}		7 30.4	155.°40	1.°7/31.8	18
6 30	20 57.96	−10 40.7	2.373	3.251	10.6	19.4
7 10	20 52.90	−11 13.2	2.304	3.252	7.7	19.2
7 20	20 46.49	−11 55.5	2.260	3.254	4.5	19.0
7 30	20 39.30	−12 45.1	2.243	3.255	1.8	18.8
8 9	20 32.03	−13 38.3	2.255	3.256	3.4	19.0
8 19	20 25.39	−14 31.4	2.294	3.257	6.5	19.2
8 29	20 20.03	−15 21.1	2.360	3.258	9.6	19.4
9 8	20 16.43	−16 4.8	2.448	3.259	12.2	19.5
480285	2015 HR_{128}		7 30.4	280.°80	4.°5/ 2.0	17
6 30	21 0.27	− 5 42.3	1.694	2.567	14.4	21.1
7 10	20 55.01	− 5 46.2	1.618	2.556	11.0	20.9
7 20	20 47.80	− 6 7.2	1.563	2.546	7.4	20.6
7 30	20 39.35	− 6 44.3	1.533	2.535	4.7	20.5
8 9	20 30.67	− 7 33.9	1.528	2.524	5.5	20.5
8 19	20 22.80	− 8 31.1	1.550	2.514	9.0	20.7
8 29	20 16.71	− 9 30.5	1.595	2.503	12.7	20.9
9 8	20 13.06	−10 27.0	1.661	2.492	16.1	21.1
179597	2002 NS_{19}		7 30.4	352.°38	4.°0/31.8	18
6 30	21 1.29	−11 19.0	1.110	2.021	17.4	19.2
7 10	20 56.31	−10 44.4	1.052	2.015	12.9	18.9
7 20	20 48.65	−10 24.1	1.014	2.010	8.0	18.6
7 30	20 39.38	−10 17.5	0.997	2.007	4.2	18.4
8 9	20 29.98	−10 22.0	1.002	2.004	6.3	18.5
8 19	20 21.96	−10 33.8	1.030	2.003	11.2	18.8
8 29	20 16.56	−10 48.5	1.079	2.003	15.9	19.0
9 8	20 14.50	−11 1.9	1.144	2.003	20.0	19.3
17813	1998 FL_{109}		7 30.4	70.°63	5.°2/ 2.9	18
6 30	20 58.95	− 2 18.3	2.094	2.944	12.9	18.2
7 10	20 53.68	− 2 8.6	2.028	2.948	10.2	18.0
7 20	20 46.93	− 2 14.7	1.985	2.952	7.4	17.9
7 30	20 39.33	− 2 36.2	1.967	2.957	5.4	17.8
8 9	20 31.67	− 3 10.5	1.976	2.961	5.7	17.8
8 19	20 24.74	− 3 54.4	2.011	2.966	7.9	17.9
8 29	20 19.26	− 4 43.4	2.071	2.970	10.6	18.1
9 8	20 15.73	− 5 33.3	2.153	2.975	13.2	18.3
521407	2015 MQ_{144}		7 30.4	280.°76	0.°4/30.6	18
6 30	21 2.39	−17 33.6	2.256	3.147	10.6	20.5
7 10	20 56.04	−17 21.3	2.183	3.141	7.4	20.3
7 20	20 48.15	−17 12.4	2.135	3.136	4.0	20.1
7 30	20 39.38	−17 4.8	2.115	3.130	0.5	19.8
8 9	20 30.56	−16 56.9	2.123	3.125	3.5	20.0
8 19	20 22.51	−16 47.2	2.159	3.119	7.1	20.3
8 29	20 15.96	−16 35.0	2.221	3.114	10.3	20.5
9 8	20 11.44	−16 19.7	2.305	3.108	13.1	20.6
29551	1998 CH_{1}		7 30.4	258.°77	0.°9/30.9	18
6 30	21 0.06	−14 27.3	2.097	2.987	11.2	19.3
7 10	20 54.56	−14 47.7	2.024	2.981	8.0	19.1
7 20	20 47.45	−15 15.9	1.975	2.974	4.4	18.8
7 30	20 39.37	−15 49.0	1.953	2.967	0.9	18.6
8 9	20 31.16	−16 23.5	1.958	2.960	3.7	18.8
8 19	20 23.67	−16 56.0	1.991	2.953	7.4	19.0
8 29	20 17.70	−17 24.0	2.049	2.946	10.8	19.2
9 8	20 13.79	−17 45.5	2.128	2.939	13.7	19.4
292323	2006 SV_{170}		7 30.4	138.°21	5.°5/ 3.2	17
6 30	21 2.82	− 1 22.2	1.864	2.710	14.4	20.8
7 10	20 56.48	− 1 30.3	1.804	2.722	11.3	20.7
7 20	20 48.43	− 1 57.5	1.766	2.734	8.1	20.5
7 30	20 39.41	− 2 42.5	1.754	2.745	5.8	20.4
8 9	20 30.36	− 3 41.5	1.768	2.755	6.0	20.4
8 19	20 22.23	− 4 49.4	1.809	2.765	8.5	20.6
8 29	20 15.82	− 6 0.5	1.875	2.774	11.6	20.8
9 8	20 11.66	− 7 9.4	1.963	2.782	14.4	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
137587	1999 VU_{146}		7 30.4	170.°76	0.°9/29.9	18
	h m	° ′			°	m
6 30	21 5.03	−19 5.8	1.772	2.671	12.5	20.5
7 10	20 58.22	−19 38.6	1.711	2.674	8.8	20.3
7 20	20 49.41	−20 16.1	1.674	2.677	4.5	20.1
7 30	20 39.44	−20 53.7	1.664	2.679	0.9	19.8
8 9	20 29.42	−21 26.5	1.681	2.680	4.7	20.1
8 19	20 20.43	−21 51.4	1.725	2.681	8.8	20.3
8 29	20 13.43	−22 6.7	1.793	2.682	12.6	20.6
9 8	20 9.00	−22 12.1	1.882	2.682	15.7	20.8
63253	2001 BG_{50}		7 30.4	130.°74	3.°1/ 1.1	18
6 30	21 3.40	− 9 32.1	2.060	2.932	12.2	19.4
7 10	20 56.75	− 9 15.1	1.999	2.941	9.1	19.3
7 20	20 48.51	− 9 8.1	1.963	2.950	5.7	19.1
7 30	20 39.41	− 9 10.0	1.953	2.959	3.2	18.9
8 9	20 30.33	− 9 18.7	1.971	2.967	4.4	19.0
8 19	20 22.12	− 9 32.0	2.016	2.976	7.5	19.2
8 29	20 15.53	− 9 47.1	2.087	2.983	10.7	19.4
9 8	20 11.07	−10 1.7	2.180	2.991	13.5	19.6
276063	2002 CY_{120}		7 30.4	237.°37	1.°4/31.3	18
6 30	21 1.59	−12 17.6	1.967	2.852	12.1	21.6
7 10	20 55.78	−12 51.2	1.887	2.840	8.7	21.3
7 20	20 48.16	−13 35.9	1.831	2.828	4.9	21.1
7 30	20 39.40	−14 28.4	1.803	2.816	1.5	20.8
8 9	20 30.41	−15 24.1	1.801	2.803	4.0	21.0
8 19	20 22.13	−16 18.5	1.828	2.790	8.0	21.2
8 29	20 15.46	−17 7.7	1.879	2.776	11.6	21.4
9 8	20 11.03	−17 49.0	1.952	2.762	14.8	21.6
396382	2014 DP_{117}		7 30.4	65.°92	3.°4/28.1	17
6 30	21 2.17	−25 41.8	1.870	2.778	11.5	20.9
7 10	20 56.23	−26 35.3	1.813	2.779	8.2	20.7
7 20	20 48.37	−27 28.3	1.781	2.780	4.8	20.5
7 30	20 39.40	−28 14.7	1.775	2.781	3.5	20.4
8 9	20 30.38	−28 49.7	1.795	2.782	6.0	20.6
8 19	20 22.34	−29 10.6	1.842	2.783	9.4	20.8
8 29	20 16.18	−29 16.6	1.912	2.784	12.7	21.0
9 8	20 12.50	−29 9.3	2.002	2.785	15.4	21.2
282228	2002 AG_{22}		7 30.4	114.°35	1.°1/31.4	18
6 30	21 3.18	− 9 5.6	2.013	2.885	12.5	20.6
7 10	20 56.71	−10 51.5	1.955	2.902	8.9	20.4
7 20	20 48.55	−12 52.0	1.924	2.919	5.0	20.2
7 30	20 39.42	−15 0.5	1.922	2.936	1.2	19.9
8 9	20 30.21	−17 8.8	1.950	2.952	3.8	20.2
8 19	20 21.83	−19 9.3	2.009	2.967	7.6	20.4
8 29	20 15.10	−20 56.5	2.095	2.982	11.1	20.7
9 8	20 10.54	−22 27.4	2.204	2.997	13.9	20.9
382586	2002 CC_{214}		7 30.4	256.°84	0.°5/30.7	18
6 30	21 3.29	−14 49.1	2.203	3.087	11.0	23.2
7 10	20 56.97	−15 23.6	2.106	3.060	7.9	22.9
7 20	20 48.82	−16 6.6	2.034	3.033	4.3	22.6
7 30	20 39.44	−16 54.9	1.989	3.004	0.6	22.3
8 9	20 29.69	−17 44.2	1.974	2.975	3.8	22.5
8 19	20 20.48	−18 30.6	1.987	2.945	7.8	22.7
8 29	20 12.71	−19 11.0	2.026	2.914	11.4	22.9
9 8	20 7.07	−19 43.3	2.087	2.881	14.5	23.0
7929	1987 SK_{12}		7 30.4	123.°14	0.°9/29.9	18
6 30	21 5.84	−18 17.5	1.429	2.335	14.5	17.4
7 10	20 59.05	−18 56.0	1.379	2.344	10.1	17.2
7 20	20 49.93	−19 41.2	1.350	2.353	5.2	16.9
7 30	20 39.48	−20 27.2	1.347	2.362	0.9	16.7
8 9	20 29.08	−21 8.0	1.370	2.370	5.2	17.0
8 19	20 20.00	−21 39.2	1.417	2.378	10.0	17.3
8 29	20 13.31	−21 59.0	1.488	2.385	14.1	17.6
9 8	20 9.62	−22 7.1	1.578	2.392	17.6	17.8
520210	2014 DQ_{151}		7 30.4	120.°79	0.°9/30.9	18
6 30	21 0.42	−14 12.1	1.952	2.844	11.9	21.7
7 10	20 54.86	−14 38.5	1.888	2.846	8.4	21.5
7 20	20 47.62	−15 13.4	1.848	2.847	4.6	21.3
7 30	20 39.41	−15 53.5	1.835	2.849	0.9	21.0
8 9	20 31.13	−16 34.7	1.849	2.851	3.8	21.3
8 19	20 23.68	−17 13.3	1.890	2.852	7.7	21.5
8 29	20 17.86	−17 46.3	1.955	2.854	11.2	21.7
9 8	20 14.22	−18 11.9	2.042	2.856	14.1	21.9
512610	2016 TH_{16}		7 30.4	290.°97	2.°6/28.6	18
6 30	21 1.14	−22 47.2	1.817	2.725	11.8	21.1
7 10	20 55.63	−23 42.8	1.750	2.717	8.3	20.9
7 20	20 48.14	−24 41.5	1.708	2.709	4.5	20.6
7 30	20 39.43	−25 37.2	1.691	2.701	2.7	20.5
8 9	20 30.55	−26 24.2	1.701	2.693	5.6	20.7
8 19	20 22.55	−26 58.9	1.737	2.686	9.4	20.9
8 29	20 16.41	−27 19.4	1.797	2.678	12.9	21.1
9 8	20 12.75	−27 26.0	1.876	2.670	15.9	21.3

348086 2003 WP_{101} 7 30.4 296.°22 2.°7/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.46	−20 49.0	1.703	2.613	12.4	20.1
7 10	20 55.44	−22 16.9	1.622	2.590	8.7	19.8
7 20	20 48.20	−23 53.5	1.565	2.567	4.7	19.5
7 30	20 39.44	−25 31.2	1.534	2.545	2.8	19.3
8 9	20 30.23	−27 1.6	1.530	2.522	6.1	19.5
8 19	20 21.75	−28 17.9	1.552	2.499	10.4	19.7
8 29	20 15.15	−29 16.0	1.598	2.477	14.3	19.9
9 8	20 11.25	−29 55.2	1.662	2.455	17.7	20.1

382568 2002 AA_{55} 7 30.4 239.°65 0.°9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.61	−14 58.4	2.046	2.933	11.6	22.6
7 10	20 57.17	−15 10.3	1.963	2.919	8.3	22.4
7 20	20 48.89	−15 29.4	1.905	2.903	4.6	22.1
7 30	20 39.47	−15 53.0	1.873	2.888	0.9	21.8
8 9	20 29.82	−16 17.6	1.870	2.871	3.9	22.0
8 19	20 20.89	−16 40.4	1.894	2.854	7.9	22.2
8 29	20 13.59	−16 59.0	1.944	2.837	11.5	22.4
9 8	20 8.54	−17 11.8	2.015	2.819	14.6	22.6

164746 1998 TF_{11} 7 30.4 254.°11 3.°3/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.41	−26 11.3	1.940	2.844	11.3	20.4
7 10	20 57.12	−26 51.0	1.873	2.837	8.1	20.2
7 20	20 48.89	−27 29.5	1.831	2.829	4.8	20.0
7 30	20 39.48	−28 1.5	1.815	2.821	3.4	19.9
8 9	20 29.97	−28 22.7	1.826	2.813	5.9	20.0
8 19	20 21.38	−28 30.6	1.863	2.805	9.3	20.2
8 29	20 14.66	−28 25.1	1.924	2.797	12.6	20.4
9 8	20 10.41	−28 7.5	2.006	2.788	15.4	20.6

424542 2008 EB_{140} 7 30.4 227.°58 1.°6/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.26	−20 38.3	1.708	2.610	12.7	21.8
7 10	20 58.61	−21 13.5	1.637	2.602	8.9	21.6
7 20	20 49.74	−21 52.9	1.590	2.593	4.7	21.3
7 30	20 39.52	−22 31.1	1.570	2.584	1.6	21.0
8 9	20 29.10	−23 3.0	1.576	2.574	5.2	21.3
8 19	20 19.67	−23 25.2	1.609	2.563	9.5	21.5
8 29	20 12.30	−23 35.9	1.665	2.553	13.4	21.7
9 8	20 7.67	−23 35.6	1.741	2.541	16.7	21.9

519597 2012 TB_{329} 7 30.4 14.°38 8.°0/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.03	−32 21.4	1.152	2.079	15.5	20.0
7 10	20 56.27	−33 41.0	1.116	2.085	11.7	19.8
7 20	20 48.65	−34 51.3	1.101	2.092	8.6	19.7
7 30	20 39.47	−35 41.5	1.108	2.100	8.2	19.7
8 9	20 30.41	−36 5.0	1.137	2.109	10.7	19.9
8 19	20 23.07	−36 0.2	1.187	2.120	14.2	20.1
8 29	20 18.64	−35 30.1	1.256	2.132	17.6	20.4
9 8	20 17.68	−34 40.1	1.341	2.146	20.6	20.6

37688 1995 ST_{17} 7 30.4 42.°40 10.°0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.02	−41 50.4	1.529	2.420	14.6	19.3
7 10	21 2.22	−42 49.7	1.493	2.428	12.1	19.1
7 20	20 51.62	−43 30.6	1.479	2.436	10.3	19.0
7 30	20 39.58	−43 44.6	1.487	2.444	10.2	19.1
8 9	20 27.85	−43 28.0	1.519	2.453	11.7	19.2
8 19	20 17.99	−42 42.5	1.573	2.462	14.1	19.3
8 29	20 11.15	−41 33.4	1.647	2.471	16.6	19.5
9 8	20 7.83	−40 8.0	1.738	2.481	18.9	19.7

490750 2010 TA_{93} 7 30.4 349.°25 5.°7/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.67	− 5 57.6	1.089	1.990	18.5	20.9
7 10	20 54.56	− 5 50.7	1.030	1.983	14.2	20.7
7 20	20 47.82	− 6 7.9	0.989	1.978	9.6	20.4
7 30	20 39.46	− 6 48.1	0.969	1.974	6.0	20.2
8 9	20 30.89	− 7 46.1	0.971	1.970	7.0	20.2
8 19	20 23.56	− 8 54.4	0.995	1.968	11.3	20.5
8 29	20 18.77	−10 4.5	1.039	1.967	16.0	20.7
9 8	20 17.27	−11 8.8	1.100	1.967	20.1	21.0

78900 2003 SM_{65} 7 30.4 322.°80 9.°5/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.91	+ 5 40.2	1.605	2.432	17.2	19.6
7 10	20 53.48	+ 6 3.6	1.529	2.422	14.5	19.4
7 20	20 47.08	+ 6 0.2	1.473	2.411	11.9	19.2
7 30	20 39.44	+ 5 27.9	1.438	2.401	9.9	19.0
8 9	20 31.55	+ 4 28.2	1.426	2.391	9.6	19.0
8 19	20 24.45	+ 3 6.2	1.437	2.382	11.2	19.1
8 29	20 19.14	+ 1 29.8	1.471	2.373	13.9	19.2
9 8	20 16.30	− 0 12.0	1.525	2.365	16.8	19.4

296182 2009 BW_{153} 7 30.4 230.°75 0.°9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.59	−19 5.2	1.965	2.865	11.4	21.6
7 10	20 55.75	−19 38.1	1.898	2.861	8.0	21.3
7 20	20 48.14	−20 15.6	1.855	2.858	4.1	21.1
7 30	20 39.48	−20 53.7	1.839	2.854	0.9	20.8
8 9	20 30.72	−21 28.0	1.851	2.850	4.3	21.1
8 19	20 22.79	−21 55.5	1.889	2.846	8.2	21.3
8 29	20 16.56	−22 14.0	1.952	2.842	11.6	21.5
9 8	20 12.59	−22 23.1	2.036	2.838	14.6	21.7

198387 2004 VL_{33} 7 30.4 135.°35 2.°5/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.65	− 9 36.5	2.026	2.901	12.2	21.2
7 10	20 55.62	− 9 53.9	1.965	2.911	9.0	21.0
7 20	20 47.99	−10 22.7	1.929	2.920	5.4	20.8
7 30	20 39.48	−11 0.4	1.919	2.928	2.6	20.6
8 9	20 30.94	−11 43.4	1.936	2.936	4.0	20.7
8 19	20 23.24	−12 27.9	1.981	2.944	7.4	21.0
8 29	20 17.13	−13 10.2	2.052	2.951	10.7	21.2
9 8	20 13.11	−13 47.6	2.145	2.958	13.5	21.4

267733 2003 FF_{61} 7 30.4 117.°05 0.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.25	−17 52.6	1.754	2.654	12.6	20.6
7 10	20 56.95	−18 35.9	1.702	2.665	8.8	20.4
7 20	20 48.76	−19 25.4	1.673	2.675	4.5	20.1
7 30	20 39.51	−20 15.8	1.670	2.685	0.7	19.9
8 9	20 30.27	−21 2.0	1.695	2.695	4.5	20.2
8 19	20 22.07	−21 40.2	1.746	2.704	8.6	20.5
8 29	20 15.79	−22 8.1	1.821	2.713	12.2	20.7
9 8	20 12.00	−22 25.0	1.917	2.722	15.3	20.9

234314 2001 BY_{30} 7 30.4 179.°15 0.°5/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.68	−19 5.9	2.298	3.189	10.4	21.1
7 10	20 56.96	−19 23.6	2.232	3.191	7.3	20.9
7 20	20 48.68	−19 44.3	2.191	3.192	3.8	20.7
7 30	20 39.51	−20 5.1	2.177	3.192	0.5	20.4
8 9	20 30.31	−20 22.8	2.193	3.192	3.7	20.7
8 19	20 21.89	−20 35.4	2.237	3.192	7.2	20.9
8 29	20 15.01	−20 41.5	2.307	3.190	10.3	21.1
9 8	20 10.16	−20 41.0	2.399	3.189	13.0	21.3

478524 2012 SV_{57} 7 30.4 253.°47 6.°8/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.06	−36 17.2	2.036	2.928	11.5	21.3
7 10	20 59.86	−37 14.9	1.969	2.914	9.0	21.1
7 20	20 50.41	−38 3.7	1.926	2.898	7.1	21.0
7 30	20 39.58	−38 36.6	1.908	2.883	7.0	20.9
8 9	20 28.57	−38 49.0	1.917	2.867	8.7	21.0
8 19	20 18.59	−38 39.5	1.951	2.851	11.3	21.1
8 29	20 10.74	−38 9.7	2.007	2.835	13.9	21.3
9 8	20 5.67	−37 23.5	2.082	2.818	16.3	21.4

111506 2001 YB_{74} 7 30.4 121.°70 1.°0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.97	−20 4.2	2.281	3.177	10.2	20.6
7 10	20 55.06	−20 31.9	2.222	3.185	7.1	20.4
7 20	20 47.67	−21 2.3	2.190	3.192	3.7	20.2
7 30	20 39.47	−21 32.0	2.184	3.198	1.0	20.0
8 9	20 31.28	−21 57.7	2.207	3.205	3.8	20.2
8 19	20 23.87	−22 16.9	2.258	3.212	7.2	20.4
8 29	20 17.95	−22 28.5	2.333	3.218	10.2	20.6
9 8	20 13.99	−22 32.1	2.431	3.224	12.7	20.8

26180 1996 GS_9 7 30.4 315.°18 1.°6/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.94	−12 44.6	1.719	2.614	13.1	18.7
7 10	20 54.79	−13 2.5	1.648	2.606	9.4	18.5
7 20	20 47.72	−13 31.4	1.599	2.598	5.4	18.2
7 30	20 39.48	−14 8.4	1.576	2.590	1.7	18.0
8 9	20 31.07	−14 49.2	1.579	2.582	4.3	18.1
8 19	20 23.51	−15 29.5	1.608	2.574	8.5	18.4
8 29	20 17.74	−16 5.5	1.661	2.567	12.4	18.6
9 8	20 14.39	−16 34.7	1.734	2.560	15.7	18.8

307922 2004 EX_{27} 7 30.4 46.°43 0.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.33	−18 53.9	1.929	2.830	11.6	21.4
7 10	20 55.55	−19 18.6	1.868	2.831	8.1	21.2
7 20	20 48.02	−19 47.7	1.830	2.833	4.2	21.0
7 30	20 39.50	−20 17.4	1.820	2.834	0.7	20.7
8 9	20 30.93	−20 43.9	1.836	2.836	4.2	21.0
8 19	20 23.26	−21 4.2	1.879	2.838	8.1	21.2
8 29	20 17.31	−21 16.7	1.946	2.839	11.5	21.4
9 8	20 13.63	−21 20.8	2.035	2.841	14.4	21.6

121786 2000 AB_{89} 7 30.4 239.°51 0.°8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.26	−17 10.4	2.681	3.570	9.1	19.9
7 10	20 53.89	−18 29.6	2.600	3.559	6.4	19.7
7 20	20 47.12	−19 55.8	2.546	3.548	3.3	19.5
7 30	20 39.47	−21 24.2	2.522	3.536	0.8	19.3
8 9	20 31.60	−22 50.0	2.528	3.525	3.6	19.5
8 19	20 24.20	−24 8.8	2.564	3.512	6.7	19.7
8 29	20 17.95	−25 17.3	2.627	3.500	9.6	19.8
9 8	20 13.38	−26 14.0	2.713	3.487	12.0	20.0

162723 2000 VM_2 7 30.4 80.°62 2.°0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 33.43	−20 9.0	1.226	2.102	18.5	20.4
7 10	21 17.38	−21 12.8	1.220	2.172	12.6	20.3
7 20	20 58.88	−22 13.8	1.239	2.238	6.4	20.1
7 30	20 39.88	−23 2.8	1.287	2.300	2.0	20.0
8 9	20 22.45	−23 34.5	1.365	2.360	6.3	20.4
8 19	20 8.12	−23 49.0	1.472	2.416	11.1	20.8
8 29	19 57.71	−23 49.3	1.603	2.469	15.0	21.2
9 8	19 51.33	−23 39.2	1.753	2.520	17.9	21.6

211396 2002 VZ_{12} 7 30.4 305.°08 1.°5/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.74	−13 26.9	1.822	2.715	12.6	20.6
7 10	20 55.26	−13 33.3	1.750	2.707	9.0	20.4
7 20	20 47.94	−13 48.8	1.701	2.699	5.1	20.1
7 30	20 39.51	−14 11.0	1.678	2.691	1.6	19.9
8 9	20 30.93	−14 36.5	1.681	2.683	4.1	20.0
8 19	20 23.19	−15 1.9	1.711	2.676	8.2	20.3
8 29	20 17.17	−15 24.2	1.765	2.669	11.9	20.5
9 8	20 13.48	−15 41.5	1.840	2.662	15.1	20.7

506780 2006 YE_{28} 7 30.4 253.°46 1.°4/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.18	−20 2.7	1.722	2.625	12.6	22.3
7 10	20 57.92	−20 42.2	1.645	2.610	8.9	22.1
7 20	20 49.45	−21 27.1	1.592	2.595	4.7	21.8
7 30	20 39.57	−22 12.1	1.565	2.579	1.5	21.5
8 9	20 29.40	−22 51.7	1.565	2.563	5.1	21.7
8 19	20 20.12	−23 21.8	1.591	2.547	9.5	22.0
8 29	20 12.82	−23 40.4	1.641	2.530	13.5	22.2
9 8	20 8.23	−23 47.1	1.711	2.513	16.9	22.4

95059 2002 AH_{59} 7 30.4 25.°11 0.°1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.63	−17 37.2	1.372	2.283	14.6	18.4
7 10	20 56.86	−17 43.4	1.321	2.289	10.3	18.2
7 20	20 48.83	−17 56.2	1.292	2.295	5.4	17.9
7 30	20 39.55	−18 11.8	1.287	2.302	0.2	17.5
8 9	20 30.33	−18 25.9	1.307	2.310	4.9	17.9
8 19	20 22.41	−18 35.3	1.351	2.318	9.7	18.2
8 29	20 16.82	−18 38.2	1.418	2.327	13.9	18.5
9 8	20 14.12	−18 33.8	1.504	2.336	17.4	18.7

390835 2004 PJ_{100} 7 30.4 16.°28 7.°3/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 55.20	+ 5 26.2	1.484	2.322	17.8	19.5
7 10	20 51.54	+ 4 19.8	1.425	2.331	14.5	19.3
7 20	20 46.02	+ 2 39.9	1.386	2.342	11.0	19.1
7 30	20 39.44	+ 0 29.8	1.370	2.353	8.1	19.0
8 9	20 32.82	− 2 2.2	1.379	2.366	7.4	19.0
8 19	20 27.15	− 4 44.9	1.415	2.380	9.5	19.2
8 29	20 23.31	− 7 25.9	1.475	2.395	12.7	19.4
9 8	20 21.87	− 9 55.0	1.559	2.411	15.9	19.6

511962 2015 KB_{13} 7 30.4 138.°29 2.°3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.21	− 8 48.4	1.919	2.797	12.7	21.7
7 10	20 54.76	− 9 30.3	1.854	2.801	9.3	21.5
7 20	20 47.63	−10 26.3	1.813	2.805	5.6	21.3
7 30	20 39.51	−11 32.8	1.799	2.809	2.5	21.1
8 9	20 31.30	−12 44.7	1.812	2.813	4.1	21.2
8 19	20 23.90	−13 56.7	1.852	2.817	7.7	21.4
8 29	20 18.10	−15 4.0	1.918	2.820	11.2	21.7
9 8	20 14.48	−16 3.0	2.006	2.823	14.2	21.9

36379 2000 OA_{24} 7 30.4 312.°36 0.°9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.42	−16 27.6	1.716	2.615	12.8	17.4
7 10	20 56.76	−16 15.6	1.622	2.583	9.2	17.1
7 20	20 48.90	−16 9.1	1.551	2.551	5.1	16.8
7 30	20 39.56	−16 6.0	1.505	2.520	1.0	16.4
8 9	20 29.80	−16 3.7	1.486	2.488	4.5	16.6
8 19	20 20.78	−16 0.0	1.492	2.457	9.2	16.8
8 29	20 13.60	−15 53.2	1.523	2.426	13.5	17.0
9 8	20 9.06	−15 42.1	1.573	2.396	17.2	17.2

439520 2014 BQ_{42} 7 30.4 120.°21 1.°1/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.33	−14 25.3	1.865	2.757	12.4	21.2
7 10	20 56.25	−14 33.8	1.804	2.761	8.8	21.0
7 20	20 48.39	−14 50.1	1.766	2.765	4.9	20.8
7 30	20 39.54	−15 11.5	1.755	2.769	1.2	20.5
8 9	20 30.67	−15 34.5	1.770	2.772	4.0	20.7
8 19	20 22.71	−15 56.2	1.813	2.776	7.9	21.0
8 29	20 16.52	−16 14.1	1.880	2.779	11.5	21.2
9 8	20 12.63	−16 26.5	1.968	2.783	14.5	21.4

294758 2008 CU_{20} 7 30.4 180.°61 2.°0/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.34	−20 22.2	1.777	2.678	12.4	21.3
7 10	20 57.88	−21 31.8	1.715	2.680	8.6	21.1
7 20	20 49.36	−22 46.8	1.678	2.680	4.5	20.9
7 30	20 39.58	−24 0.3	1.668	2.681	2.1	20.7
8 9	20 29.66	−25 5.8	1.686	2.680	5.3	20.9
8 19	20 20.70	−25 58.6	1.730	2.679	9.4	21.2
8 29	20 13.69	−26 36.3	1.799	2.678	13.0	21.4
9 8	20 9.29	−26 59.1	1.887	2.676	16.0	21.6

314966 2006 WC_{198} 7 30.4 209.°72 0.°9/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.00	−14 51.5	2.430	3.314	10.1	21.5
7 10	20 55.05	−14 54.4	2.357	3.310	7.2	21.3
7 20	20 47.69	−15 2.8	2.309	3.307	4.0	21.1
7 30	20 39.52	−15 14.8	2.289	3.303	1.0	20.8
8 9	20 31.28	−15 28.1	2.297	3.299	3.3	21.0
8 19	20 23.70	−15 40.5	2.334	3.294	6.6	21.2
8 29	20 17.47	−15 50.5	2.397	3.289	9.6	21.4
9 8	20 13.07	−15 56.7	2.482	3.285	12.2	21.6

16059 Marybuda 7 30.4 282.°41 2.°1/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.88	−20 22.5	1.621	2.530	12.9	17.6
7 10	20 56.31	−21 25.9	1.558	2.526	9.0	17.4
7 20	20 48.59	−22 35.1	1.519	2.523	4.8	17.1
7 30	20 39.56	−23 43.6	1.506	2.519	2.1	16.9
8 9	20 30.35	−24 44.6	1.519	2.515	5.6	17.2
8 19	20 22.14	−25 33.1	1.558	2.512	9.8	17.4
8 29	20 15.97	−26 6.5	1.620	2.508	13.7	17.6
9 8	20 12.51	−26 24.7	1.701	2.504	16.9	17.8

451188 2009 SG_{332} 7 30.4 289.°87 6.°7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.44	+ 2 39.2	2.386	3.204	12.5	21.1
7 10	20 53.42	+ 3 7.1	2.290	3.180	10.4	20.9
7 20	20 46.94	+ 3 18.8	2.216	3.157	8.3	20.7
7 30	20 39.50	+ 3 13.2	2.168	3.133	6.9	20.6
8 9	20 31.81	+ 2 50.9	2.145	3.109	6.9	20.5
8 19	20 24.59	+ 2 13.9	2.148	3.086	8.5	20.6
8 29	20 18.57	+ 1 26.1	2.176	3.062	10.8	20.7
9 8	20 14.31	+ 0 32.1	2.227	3.038	13.2	20.8

33954 2000 ND 7 30.4 258.°99 1.°5/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.10	−13 34.4	1.431	2.331	14.9	19.1
7 10	20 58.10	−13 51.8	1.359	2.319	10.8	18.9
7 20	20 49.63	−14 21.4	1.308	2.308	6.0	18.6
7 30	20 39.60	−14 59.6	1.282	2.296	1.6	18.2
8 9	20 29.28	−15 41.1	1.281	2.284	5.0	18.5
8 19	20 19.99	−16 20.9	1.306	2.272	10.0	18.7
8 29	20 12.95	−16 54.8	1.353	2.260	14.6	18.9
9 8	20 8.93	−17 20.2	1.418	2.247	18.5	19.2

58660 1997 XR 7 30.4 309.°26 3.°2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.94	−12 41.2	1.223	2.128	16.5	18.4
7 10	20 58.27	−12 11.9	1.151	2.112	12.2	18.1
7 20	20 49.84	−11 53.8	1.099	2.096	7.3	17.7
7 30	20 39.61	−11 46.1	1.069	2.081	3.3	17.5
8 9	20 29.03	−11 46.2	1.063	2.066	5.9	17.6
8 19	20 19.61	−11 51.1	1.081	2.051	11.1	17.8
8 29	20 12.73	−11 57.5	1.119	2.037	16.1	18.1
9 8	20 9.24	−12 2.3	1.175	2.023	20.3	18.3

398431 2011 UL_{22} 7 30.4 331.°59 2.°1/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.90	−12 30.3	1.822	2.712	12.7	20.9
7 10	20 55.34	−12 25.4	1.753	2.708	9.2	20.7
7 20	20 47.97	−12 29.9	1.708	2.704	5.4	20.5
7 30	20 39.54	−12 41.8	1.688	2.700	2.2	20.2
8 9	20 31.02	−12 58.3	1.695	2.696	4.2	20.4
8 19	20 23.35	−13 16.5	1.727	2.693	8.1	20.6
8 29	20 17.42	−13 33.6	1.784	2.689	11.8	20.8
9 8	20 13.79	−13 47.3	1.863	2.686	14.9	21.0

510513 2012 BE_{79} 7 30.4 214.°27 1.°6/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.89	−19 36.5	2.595	3.489	9.2	21.3
7 10	20 54.37	−21 2.5	2.523	3.484	6.4	21.1
7 20	20 47.40	−22 33.7	2.477	3.479	3.4	20.9
7 30	20 39.52	−24 4.9	2.461	3.473	1.6	20.8
8 9	20 31.45	−25 30.9	2.476	3.467	4.1	20.9
8 19	20 23.90	−26 47.2	2.519	3.461	7.2	21.1
8 29	20 17.59	−27 51.1	2.589	3.455	10.0	21.3
9 8	20 13.05	−28 41.7	2.682	3.448	12.3	21.5

443017 2013 DL_{11} 7 30.4 107.°61 4.°0/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.39	−30 55.0	2.330	3.224	10.1	20.9
7 10	20 58.11	−31 16.5	2.281	3.236	7.4	20.8
7 20	20 49.25	−31 32.1	2.258	3.248	4.9	20.6
7 30	20 39.59	−31 37.9	2.262	3.259	4.1	20.6
8 9	20 30.07	−31 31.4	2.295	3.271	5.7	20.7
8 19	20 21.57	−31 12.3	2.354	3.282	8.4	20.9
8 29	20 14.81	−30 41.8	2.438	3.293	10.9	21.1
9 8	20 10.24	−30 2.2	2.544	3.303	13.1	21.3

473055 2015 HM_{87} 7 30.4 71.°33 3.°7/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.47	− 6 51.5	1.700	2.577	14.1	21.1
7 10	20 55.06	− 7 6.8	1.640	2.583	10.6	20.9
7 20	20 47.82	− 7 38.3	1.603	2.589	6.9	20.7
7 30	20 39.54	− 8 23.6	1.590	2.596	3.9	20.5
8 9	20 31.21	− 9 18.3	1.604	2.602	4.9	20.6
8 19	20 23.82	−10 17.2	1.643	2.609	8.4	20.8
8 29	20 18.22	−11 15.2	1.707	2.615	12.0	21.1
9 8	20 14.97	−12 8.0	1.792	2.622	15.1	21.3

426163 2012 HT_{74} 7 30.4 65.°80 4.°1/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.29	−25 5.0	1.404	2.320	14.1	21.0
7 10	20 58.14	−26 13.5	1.359	2.328	9.9	20.7
7 20	20 49.56	−27 22.0	1.336	2.337	5.8	20.5
7 30	20 39.61	−28 22.0	1.338	2.345	4.3	20.5
8 9	20 29.68	−29 6.7	1.365	2.354	7.2	20.7
8 19	20 21.13	−29 32.6	1.417	2.362	11.3	20.9
8 29	20 15.07	−29 39.5	1.489	2.371	15.1	21.2
9 8	20 12.08	−29 29.9	1.580	2.380	18.2	21.4

25131 Katiemelua 7 30.4 359.°35 3.°1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.45	− 9 47.7	1.408	2.306	15.2	18.4
7 10	20 53.98	− 9 56.2	1.347	2.304	11.2	18.2
7 20	20 47.38	−10 20.4	1.308	2.302	6.9	17.9
7 30	20 39.53	−10 57.9	1.291	2.302	3.3	17.7
8 9	20 31.57	−11 43.9	1.300	2.302	5.1	17.8
8 19	20 24.65	−12 32.9	1.332	2.303	9.4	18.1
8 29	20 19.80	−13 19.7	1.387	2.305	13.5	18.3
9 8	20 17.63	−14 0.0	1.461	2.308	17.1	18.5

166021 2002 AN_{163} 7 30.4 252.°21 1.°0/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.69	−12 57.4	1.417	2.317	15.0	20.0
7 10	20 57.09	−13 43.2	1.349	2.311	10.7	19.7
7 20	20 49.10	−14 43.9	1.304	2.304	5.9	19.5
7 30	20 39.60	−15 54.2	1.282	2.297	1.2	19.1
8 9	20 29.84	−17 6.9	1.287	2.290	4.9	19.4
8 19	20 21.12	−18 15.2	1.316	2.283	10.0	19.6
8 29	20 14.62	−19 13.5	1.369	2.275	14.5	19.9
9 8	20 11.09	−19 59.0	1.440	2.268	18.3	20.1

102859 1999 WH_1 7 30.4 307.°41 3.°8/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.97	−23 48.6	1.266	2.187	14.9	19.6
7 10	20 57.87	−24 40.8	1.187	2.160	10.6	19.3
7 20	20 49.79	−25 37.7	1.129	2.132	6.1	19.0
7 30	20 39.64	−26 31.2	1.094	2.104	3.9	18.8
8 9	20 28.88	−27 12.7	1.083	2.077	7.6	18.9
8 19	20 19.19	−27 36.5	1.095	2.051	12.8	19.1
8 29	20 12.12	−27 40.6	1.127	2.024	17.6	19.3
9 8	20 8.67	−27 26.4	1.175	1.999	21.8	19.5

92373 2000 HR_{52} 7 30.4 65.°32 3.°6/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.93	− 9 40.0	1.216	2.114	17.1	18.6
7 10	20 57.94	− 9 42.6	1.166	2.123	12.6	18.3
7 20	20 49.48	−10 2.6	1.137	2.131	7.7	18.1
7 30	20 39.62	−10 36.9	1.130	2.140	3.7	17.9
8 9	20 29.79	−11 20.3	1.148	2.149	5.7	18.0
8 19	20 21.35	−12 6.6	1.189	2.159	10.4	18.3
8 29	20 15.45	−12 50.4	1.252	2.168	14.8	18.6
9 8	20 12.68	−13 27.6	1.334	2.178	18.6	18.9

144098 2004 BE_{59} 7 30.4 150.°53 2.°3/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.05	−10 43.7	1.839	2.719	13.1	20.6
7 10	20 57.45	−10 58.8	1.779	2.727	9.5	20.4
7 20	20 49.04	−11 25.4	1.742	2.735	5.6	20.1
7 30	20 39.60	−12 0.7	1.731	2.742	2.4	19.9
8 9	20 30.14	−12 40.6	1.748	2.748	4.3	20.1
8 19	20 21.62	−13 21.3	1.791	2.754	8.1	20.3
8 29	20 14.91	−13 59.0	1.860	2.759	11.7	20.6
9 8	20 10.56	−14 31.3	1.951	2.764	14.7	20.8

441436 2008 HG_9 7 30.4 80.°17 0.°6/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.77	−17 32.7	2.196	3.092	10.6	21.0
7 10	20 54.25	−18 26.2	2.147	3.109	7.3	20.9
7 20	20 47.29	−19 24.9	2.124	3.126	3.8	20.7
7 30	20 39.53	−20 24.3	2.128	3.143	0.6	20.4
8 9	20 31.80	−21 20.0	2.160	3.159	3.8	20.7
8 19	20 24.87	−22 8.3	2.220	3.176	7.2	21.0
8 29	20 19.42	−22 47.1	2.306	3.193	10.2	21.2
9 8	20 15.92	−23 15.5	2.414	3.209	12.7	21.4

472803 2015 FQ_{160} 7 30.4 245.°18 3.°3/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.67	− 7 51.0	1.694	2.574	14.0	21.0
7 10	20 55.29	− 8 12.3	1.626	2.572	10.5	20.8
7 20	20 48.00	− 8 49.5	1.581	2.571	6.6	20.5
7 30	20 39.57	− 9 40.1	1.561	2.569	3.5	20.4
8 9	20 31.00	−10 39.3	1.568	2.568	4.8	20.4
8 19	20 23.31	−11 41.7	1.600	2.566	8.5	20.7
8 29	20 17.42	−12 42.2	1.656	2.564	12.3	20.9
9 8	20 13.95	−13 36.4	1.734	2.563	15.6	21.1

344499 2002 QF_{115} 7 30.4 207.°41 2.°8/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.58	−26 21.7	2.165	3.062	10.7	21.4
7 10	20 58.45	−26 39.9	2.098	3.058	7.6	21.2
7 20	20 49.54	−26 55.6	2.056	3.054	4.4	21.0
7 30	20 39.63	−27 4.7	2.042	3.049	2.8	20.9
8 9	20 29.69	−27 4.3	2.056	3.045	5.1	21.0
8 19	20 20.67	−26 53.2	2.097	3.039	8.4	21.2
8 29	20 13.41	−26 31.8	2.163	3.034	11.5	21.4
9 8	20 8.46	−26 1.5	2.251	3.028	14.1	21.6

167254 2003 UU_{113} 7 30.4 317.°94 8.°5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.26	−35 59.2	1.589	2.497	13.2	19.1
7 10	20 57.73	−37 44.4	1.534	2.486	10.5	18.9
7 20	20 49.54	−39 21.3	1.502	2.475	8.7	18.7
7 30	20 39.64	−40 39.2	1.494	2.464	8.9	18.7
8 9	20 29.46	−41 30.7	1.510	2.454	11.0	18.8
8 19	20 20.45	−41 52.6	1.548	2.444	13.9	19.0
8 29	20 13.94	−41 46.3	1.606	2.434	16.8	19.2
9 8	20 10.71	−41 16.5	1.680	2.425	19.3	19.3

375232 2008 FA_{99} 7 30.4 286.°49 2.°7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.50	−21 18.5	1.477	2.390	13.7	20.7
7 10	20 57.02	−22 25.6	1.410	2.379	9.6	20.5
7 20	20 49.10	−23 39.0	1.366	2.369	5.2	20.2
7 30	20 39.64	−24 51.1	1.347	2.359	2.7	20.0
8 9	20 29.89	−25 54.1	1.354	2.348	6.3	20.2
8 19	20 21.19	−26 42.3	1.385	2.338	10.8	20.4
8 29	20 14.73	−27 13.2	1.438	2.328	15.0	20.7
9 8	20 11.28	−27 27.0	1.510	2.318	18.5	20.9

392847 2012 UK_{39} 7 30.4 257.°86 2.°0/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.85	−12 22.6	1.857	2.745	12.6	21.2
7 10	20 56.02	−12 25.6	1.786	2.739	9.2	21.0
7 20	20 48.36	−12 38.3	1.738	2.733	5.3	20.7
7 30	20 39.61	−12 58.4	1.715	2.728	2.1	20.5
8 9	20 30.73	−13 22.8	1.720	2.722	4.2	20.6
8 19	20 22.68	−13 48.2	1.751	2.716	8.1	20.9
8 29	20 16.35	−14 11.7	1.807	2.710	11.8	21.1
9 8	20 12.34	−14 30.8	1.884	2.704	14.9	21.3

343827 2011 HA_{24} 7 30.4 344.°77 4.°9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 56.49	−27 1.3	0.921	1.863	16.7	18.7
7 10	20 53.73	−27 12.0	0.857	1.838	12.1	18.3
7 20	20 47.72	−27 18.7	0.811	1.815	7.3	18.0
7 30	20 39.59	−27 13.6	0.784	1.794	4.9	17.8
8 9	20 31.11	−26 50.7	0.778	1.776	8.6	17.9
8 19	20 24.17	−26 8.0	0.790	1.761	14.0	18.1
8 29	20 20.37	−25 7.2	0.821	1.748	19.2	18.4
9 8	20 20.57	−23 52.5	0.866	1.739	23.7	18.6

369040 2008 BE_{22} 7 30.4 129.°22 1.°1/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.89	−17 34.5	1.446	2.354	14.2	20.5
7 10	20 57.15	−18 35.4	1.388	2.355	9.9	20.2
7 20	20 49.09	−19 45.6	1.353	2.356	5.1	19.9
7 30	20 39.64	−20 58.2	1.343	2.357	1.1	19.7
8 9	20 30.05	−22 5.5	1.359	2.359	5.4	20.0
8 19	20 21.61	−23 1.8	1.399	2.360	10.1	20.2
8 29	20 15.42	−23 43.6	1.463	2.360	14.3	20.5
9 8	20 12.15	−24 10.1	1.545	2.361	17.8	20.7

348567 2005 VJ_{98} 7 30.4 216.°30 6.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.32	−39 9.7	2.757	3.637	9.2	21.5
7 10	20 57.54	−40 7.7	2.698	3.630	7.5	21.4
7 20	20 49.08	−40 56.8	2.665	3.622	6.3	21.3
7 30	20 39.64	−41 32.0	2.658	3.614	6.3	21.3
8 9	20 30.10	−41 50.1	2.678	3.606	7.5	21.4
8 19	20 21.35	−41 50.0	2.724	3.597	9.4	21.5
8 29	20 14.18	−41 32.7	2.793	3.588	11.3	21.6
9 8	20 9.14	−41 1.1	2.881	3.579	13.0	21.7

468482 2004 TO_{97} 7 30.4 353.°78 11.°7/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 54.55	+ 6 9.0	1.168	2.021	20.7	20.5
7 10	20 51.57	+ 6 48.5	1.106	2.013	17.7	20.3
7 20	20 46.28	+ 6 53.5	1.061	2.007	14.7	20.1
7 30	20 39.54	+ 6 20.3	1.034	2.002	12.3	19.9
8 9	20 32.58	+ 5 10.8	1.028	1.998	11.7	19.9
8 19	20 26.67	+ 3 32.1	1.041	1.996	13.3	20.0
8 29	20 22.99	+ 1 35.4	1.075	1.996	16.3	20.1
9 8	20 22.28	− 0 26.6	1.127	1.998	19.5	20.3

470784 2008 UX_{297} 7 30.4 10.°85 7.°8/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.11	− 1 40.9	1.438	2.303	16.9	20.5
7 10	20 55.77	− 0 46.5	1.379	2.304	13.6	20.3
7 20	20 48.31	− 0 12.7	1.340	2.307	10.3	20.1
7 30	20 39.62	− 0 1.3	1.324	2.309	8.0	20.0
8 9	20 30.85	− 0 11.2	1.332	2.313	8.3	20.0
8 19	20 23.15	− 0 38.7	1.363	2.317	10.8	20.2
8 29	20 17.52	− 1 18.2	1.415	2.322	14.1	20.4
9 8	20 14.58	− 2 3.1	1.488	2.328	17.2	20.6

330972 2009 TC_1 7 30.4 352.°21 0.°7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.29	−15 53.0	1.049	1.975	16.8	20.3
7 10	20 54.44	−16 5.7	0.993	1.967	12.0	20.0
7 20	20 47.86	−16 30.6	0.956	1.960	6.4	19.7
7 30	20 39.60	−17 3.0	0.940	1.955	0.8	19.3
8 9	20 31.19	−17 36.7	0.946	1.951	5.6	19.6
8 19	20 24.14	−18 6.0	0.974	1.949	11.3	19.9
8 29	20 19.77	−18 26.7	1.022	1.948	16.4	20.2
9 8	20 18.81	−18 36.5	1.086	1.949	20.6	20.4

411614 2011 SU_{105} 7 30.4 196.°78 0.°1/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.34	−16 32.0	1.636	2.532	13.6	22.2
7 10	20 59.39	−16 59.1	1.569	2.529	9.6	21.9
7 20	20 50.22	−17 33.9	1.525	2.527	5.1	21.7
7 30	20 39.70	−18 12.0	1.508	2.523	0.2	21.3
8 9	20 29.04	−18 48.5	1.517	2.519	4.7	21.6
8 19	20 19.42	−19 19.2	1.553	2.514	9.3	21.9
8 29	20 11.93	−19 41.6	1.613	2.508	13.4	22.1
9 8	20 7.22	−19 54.8	1.693	2.502	16.8	22.3

279438 2010 OO_{20} 7 30.4 256.°35 2.°4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.80	− 9 26.3	2.249	3.125	11.2	20.6
7 10	20 53.64	− 9 39.1	2.178	3.123	8.3	20.4
7 20	20 47.03	−10 2.4	2.131	3.121	5.1	20.2
7 30	20 39.58	−10 34.5	2.110	3.118	2.6	20.1
8 9	20 32.04	−11 12.3	2.117	3.116	3.8	20.1
8 19	20 25.16	−11 52.4	2.151	3.114	6.9	20.3
8 29	20 19.63	−12 31.7	2.211	3.112	10.0	20.5
9 8	20 15.96	−13 7.4	2.294	3.110	12.7	20.7

41834 2000 WL_{58} 7 30.4 160.°59 0.°6/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.63	−14 55.1	2.686	3.569	9.3	20.3
7 10	20 54.00	−15 15.9	2.620	3.573	6.6	20.2
7 20	20 47.14	−15 42.3	2.579	3.578	3.6	20.0
7 30	20 39.59	−16 11.7	2.567	3.582	0.7	19.7
8 9	20 32.00	−16 41.6	2.584	3.585	3.0	19.9
8 19	20 25.02	−17 9.5	2.630	3.589	6.0	20.1
8 29	20 19.23	−17 33.5	2.702	3.592	8.8	20.3
9 8	20 15.08	−17 52.3	2.797	3.594	11.1	20.5

111946 2002 GA_{56} 7 30.4 357.°87 8.°2/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.80	−39 49.4	2.044	2.936	11.5	18.6
7 10	20 56.96	−41 21.8	2.000	2.935	9.4	18.5
7 20	20 48.96	−42 42.8	1.979	2.934	8.3	18.4
7 30	20 39.67	−43 44.9	1.983	2.933	8.5	18.4
8 9	20 30.26	−44 23.2	2.012	2.933	10.0	18.5
8 19	20 21.89	−44 36.1	2.064	2.933	12.1	18.6
8 29	20 15.59	−44 25.4	2.137	2.934	14.2	18.8
9 8	20 12.01	−43 55.2	2.227	2.934	16.1	18.9

126746 2002 CO_{311} 7 30.4 279.°23 1.°7/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.31	−12 27.3	1.685	2.578	13.4	20.3
7 10	20 55.83	−12 48.2	1.614	2.571	9.7	20.0
7 20	20 48.35	−13 20.8	1.567	2.564	5.5	19.8
7 30	20 39.65	−14 1.9	1.544	2.557	1.8	19.5
8 9	20 30.78	−14 46.8	1.548	2.551	4.3	19.7
8 19	20 22.78	−15 31.1	1.578	2.544	8.6	19.9
8 29	20 16.65	−16 10.7	1.632	2.537	12.6	20.1
9 8	20 13.01	−16 42.9	1.706	2.530	16.0	20.3

338769 2003 UB_{249} 7 30.4 47.°46 5.°8/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.83	−31 25.2	1.665	2.573	12.7	19.9
7 10	20 58.35	−32 20.5	1.618	2.578	9.4	19.7
7 20	20 49.64	−33 9.1	1.594	2.584	6.6	19.6
7 30	20 39.70	−33 44.0	1.596	2.589	5.9	19.5
8 9	20 29.81	−34 0.3	1.623	2.595	8.0	19.7
8 19	20 21.21	−33 56.7	1.674	2.602	11.2	19.9
8 29	20 14.91	−33 34.7	1.748	2.608	14.2	20.1
9 8	20 11.47	−32 57.8	1.840	2.614	16.9	20.3

510990 2013 JH_5 7 30.4 157.°04 2.°7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.54	−26 1.4	2.768	3.665	8.6	21.9
7 10	20 54.70	−26 55.6	2.711	3.671	6.1	21.8
7 20	20 47.54	−27 48.8	2.680	3.676	3.7	21.6
7 30	20 39.62	−28 37.0	2.677	3.681	2.8	21.6
8 9	20 31.66	−29 16.8	2.704	3.686	4.6	21.7
8 19	20 24.33	−29 46.0	2.759	3.690	7.1	21.9
8 29	20 18.27	−30 3.8	2.839	3.695	9.5	22.0
9 8	20 13.95	−30 10.7	2.941	3.698	11.6	22.2

173567 2001 BY_9 7 30.4 304.°30 1.°3/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.89	−13 53.6	1.291	2.199	15.6	19.8
7 10	20 56.79	−14 13.3	1.219	2.184	11.3	19.5
7 20	20 49.09	−14 46.6	1.168	2.169	6.3	19.2
7 30	20 39.69	−15 29.3	1.140	2.154	1.4	18.8
8 9	20 29.94	−16 15.8	1.136	2.140	5.2	19.1
8 19	20 21.25	−17 0.0	1.156	2.125	10.6	19.3
8 29	20 14.93	−17 37.2	1.197	2.112	15.5	19.6
9 8	20 11.82	−18 4.4	1.257	2.098	19.6	19.8

99498 2002 CQ_{246} 7 30.4 99.°67 11.°2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.70	+14 22.8	1.593	2.361	19.8	19.2
7 10	20 56.67	+14 6.3	1.539	2.380	17.2	19.0
7 20	20 48.70	+13 13.6	1.502	2.399	14.4	18.9
7 30	20 39.67	+11 44.0	1.487	2.418	12.2	18.8
8 9	20 30.69	+ 9 42.3	1.494	2.436	11.2	18.8
8 19	20 22.80	+ 7 17.2	1.526	2.454	12.0	18.9
8 29	20 16.91	+ 4 40.4	1.583	2.472	13.9	19.1
9 8	20 13.57	+ 2 3.6	1.662	2.488	16.3	19.3

178057 2006 SH_{26} 7 30.4 299.°28 1.°1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.98	−15 20.4	1.853	2.747	12.3	20.7
7 10	20 56.21	−15 15.6	1.773	2.732	8.8	20.4
7 20	20 48.53	−15 17.3	1.717	2.717	4.9	20.2
7 30	20 39.67	−15 23.6	1.688	2.702	1.2	19.9
8 9	20 30.62	−15 31.5	1.685	2.687	4.1	20.1
8 19	20 22.36	−15 38.8	1.708	2.672	8.3	20.3
8 29	20 15.84	−15 43.3	1.756	2.658	12.1	20.5
9 8	20 11.69	−15 43.5	1.825	2.643	15.4	20.7

340227 2006 BZ_{62} 7 30.4 194.°48 1.°9/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.57	− 9 22.5	1.860	2.741	12.9	20.7
7 10	20 55.15	−10 19.0	1.791	2.740	9.4	20.5
7 20	20 47.95	−11 30.5	1.745	2.739	5.5	20.2
7 30	20 39.65	−12 52.8	1.726	2.738	2.1	20.0
8 9	20 31.19	−14 19.9	1.734	2.736	4.0	20.1
8 19	20 23.51	−15 45.4	1.770	2.735	8.0	20.4
8 29	20 17.49	−17 4.0	1.831	2.733	11.7	20.6
9 8	20 13.73	−18 11.9	1.915	2.731	14.8	20.8

398482 2011 UN_{142} 7 30.4 134.°02 3.°4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.43	− 7 20.3	2.272	3.136	11.5	21.2
7 10	20 54.72	− 7 11.0	2.205	3.141	8.7	21.0
7 20	20 47.58	− 7 12.6	2.163	3.145	5.7	20.8
7 30	20 39.66	− 7 24.4	2.147	3.149	3.6	20.7
8 9	20 31.69	− 7 44.0	2.159	3.153	4.3	20.7
8 19	20 24.43	− 8 9.0	2.198	3.157	7.0	20.9
8 29	20 18.55	− 8 36.3	2.263	3.161	9.9	21.1
9 8	20 14.52	− 9 3.1	2.350	3.164	12.5	21.3

453685 2010 VZ_{175} 7 30.4 270.°75 5.°3/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.14	−33 55.2	2.321	3.216	10.1	21.0
7 10	20 56.86	−34 42.1	2.257	3.208	7.7	20.8
7 20	20 48.80	−35 22.5	2.219	3.199	5.8	20.7
7 30	20 39.71	−35 51.1	2.207	3.191	5.4	20.7
8 9	20 30.54	−36 4.2	2.222	3.182	7.0	20.8
8 19	20 22.22	−36 0.6	2.263	3.173	9.5	20.9
8 29	20 15.61	−35 41.0	2.327	3.165	11.9	21.1
9 8	20 11.26	−35 7.9	2.412	3.156	14.1	21.2

252151 2001 BZ_{14} 7 30.4 248.°12 0.°5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.04	−14 10.3	2.686	3.569	9.4	21.0
7 10	20 53.75	−14 50.5	2.599	3.552	6.7	20.8
7 20	20 47.12	−15 38.2	2.536	3.535	3.6	20.6
7 30	20 39.65	−16 30.5	2.503	3.518	0.6	20.3
8 9	20 31.98	−17 23.9	2.498	3.500	3.1	20.5
8 19	20 24.78	−18 15.0	2.523	3.481	6.3	20.7
8 29	20 18.72	−19 1.0	2.574	3.463	9.2	20.9
9 8	20 14.28	−19 40.0	2.649	3.444	11.8	21.0

386426 2008 VC_{14} 7 30.4 285.°89 5.°5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.93	−29 13.6	1.709	2.619	12.3	20.2
7 10	20 57.24	−30 39.5	1.645	2.607	9.0	20.0
7 20	20 49.23	−32 3.7	1.604	2.596	6.2	19.8
7 30	20 39.74	−33 17.8	1.590	2.585	5.8	19.7
8 9	20 29.97	−34 14.4	1.601	2.573	8.2	19.8
8 19	20 21.17	−34 49.6	1.637	2.562	11.5	20.0
8 29	20 14.51	−35 2.9	1.695	2.551	14.8	20.2
9 8	20 10.70	−34 56.6	1.771	2.539	17.7	20.4

469488 2002 TZ_{306} 7 30.4 275.°58 1.°6/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.19	−20 21.5	1.958	2.861	11.3	21.3
7 10	20 55.68	−21 9.6	1.880	2.845	7.9	21.1
7 20	20 48.29	−22 2.6	1.827	2.830	4.2	20.8
7 30	20 39.70	−22 55.6	1.801	2.814	1.6	20.6
8 9	20 30.87	−23 43.6	1.802	2.798	4.8	20.8
8 19	20 22.77	−24 22.5	1.829	2.783	8.6	21.0
8 29	20 16.35	−24 49.9	1.881	2.767	12.2	21.2
9 8	20 12.24	−25 5.4	1.954	2.751	15.3	21.4

254424 2004 WO_7 7 30.4 166.°74 5.°3/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.94	− 6 28.2	1.509	2.382	15.8	20.5
7 10	20 59.13	− 5 54.3	1.446	2.384	12.1	20.3
7 20	20 50.11	− 5 36.2	1.404	2.386	8.2	20.1
7 30	20 39.78	− 5 34.0	1.387	2.387	5.5	19.9
8 9	20 29.37	− 5 45.6	1.396	2.389	6.4	20.0
8 19	20 20.07	− 6 7.5	1.430	2.390	9.9	20.2
8 29	20 12.94	− 6 35.4	1.487	2.390	13.7	20.4
9 8	20 8.62	− 7 4.6	1.563	2.391	17.1	20.7

361020 2005 WJ_{39} 7 30.4 111.°39 0.°9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.20	−19 43.9	2.365	3.262	9.9	21.3
7 10	20 54.56	−20 15.9	2.307	3.269	6.9	21.1
7 20	20 47.51	−20 51.1	2.275	3.277	3.6	20.9
7 30	20 39.68	−21 25.7	2.270	3.284	0.9	20.7
8 9	20 31.84	−21 56.6	2.293	3.291	3.7	20.9
8 19	20 24.73	−22 21.3	2.344	3.298	7.0	21.2
8 29	20 19.04	−22 38.2	2.420	3.305	9.9	21.4
9 8	20 15.21	−22 46.9	2.519	3.312	12.4	21.5

352486 2008 BW_{49} 7 30.4 173.°12 0.°3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.43	−15 44.2	2.238	3.129	10.6	21.8
7 10	20 54.80	−16 12.2	2.172	3.130	7.5	21.6
7 20	20 47.68	−16 46.6	2.131	3.131	4.0	21.4
7 30	20 39.69	−17 24.2	2.117	3.132	0.4	21.1
8 9	20 31.63	−18 1.4	2.131	3.132	3.5	21.4
8 19	20 24.28	−18 35.1	2.173	3.133	7.0	21.6
8 29	20 18.38	−19 3.1	2.240	3.133	10.2	21.8
9 8	20 14.42	−19 23.8	2.329	3.133	12.9	22.0

288718 2004 RO_{23} 7 30.4 268.°63 6.°3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.31	−34 16.5	1.816	2.712	12.4	21.2
7 10	21 1.66	−34 54.5	1.743	2.694	9.5	21.0
7 20	20 51.52	−35 23.8	1.693	2.675	7.0	20.8
7 30	20 39.85	−35 37.2	1.669	2.657	6.5	20.7
8 9	20 27.98	−35 30.0	1.672	2.637	8.4	20.8
8 19	20 17.29	−35 1.4	1.699	2.618	11.5	20.9
8 29	20 8.95	−34 13.6	1.749	2.598	14.7	21.1
9 8	20 3.68	−33 11.2	1.818	2.579	17.6	21.3

137596 1999 VV_{161} 7 30.4 273.°87 4.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.96	−27 36.6	1.481	2.393	13.7	20.1
7 10	20 59.55	−28 30.2	1.417	2.382	9.9	19.9
7 20	20 50.50	−29 22.0	1.374	2.371	6.2	19.6
7 30	20 39.82	−30 3.9	1.356	2.360	4.9	19.5
8 9	20 28.90	−30 29.5	1.364	2.348	7.7	19.7
8 19	20 19.21	−30 35.6	1.395	2.337	11.8	19.9
8 29	20 12.00	−30 22.8	1.449	2.326	15.7	20.1
9 8	20 8.03	−29 53.8	1.520	2.314	19.0	20.3

166102 2002 CF_{160} 7 30.4 101.°01 4.°2/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.29	−27 2.3	1.353	2.264	14.8	19.8
7 10	21 1.73	−27 31.2	1.305	2.271	10.5	19.5
7 20	20 51.51	−27 56.2	1.278	2.277	6.3	19.3
7 30	20 39.85	−28 10.4	1.277	2.284	4.3	19.2
8 9	20 28.34	−28 9.1	1.300	2.290	7.2	19.4
8 19	20 18.45	−27 51.3	1.348	2.296	11.5	19.7
8 29	20 11.35	−27 18.9	1.417	2.303	15.4	19.9
9 8	20 7.61	−26 35.3	1.505	2.308	18.8	20.2

516837 2010 WO_{61} 7 30.4 260.°79 3.°7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.66	−28 17.1	2.392	3.293	9.6	21.2
7 10	20 55.06	−29 12.4	2.326	3.286	6.9	21.0
7 20	20 47.86	−30 5.7	2.285	3.279	4.5	20.9
7 30	20 39.71	−30 52.1	2.272	3.271	3.8	20.8
8 9	20 31.43	−31 27.7	2.287	3.264	5.7	20.9
8 19	20 23.86	−31 49.9	2.328	3.256	8.4	21.1
8 29	20 17.76	−31 58.2	2.394	3.249	11.1	21.2
9 8	20 13.70	−31 53.6	2.480	3.241	13.4	21.4

166404 2002 NP_{41} 7 30.4 348.°62 2.°7/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.53	−20 39.9	1.537	2.452	13.1	19.3
7 10	20 54.84	−22 9.5	1.477	2.448	9.1	19.1
7 20	20 47.96	−23 46.3	1.441	2.444	4.9	18.9
7 30	20 39.72	−25 21.9	1.430	2.441	2.9	18.7
8 9	20 31.27	−26 47.9	1.446	2.439	6.2	18.9
8 19	20 23.81	−27 57.9	1.486	2.437	10.4	19.2
8 29	20 18.41	−28 48.7	1.549	2.435	14.3	19.4
9 8	20 15.76	−29 19.9	1.630	2.434	17.5	19.6

423930 2006 TV_{16} 7 30.4 249.°07 2.°9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.29	−23 34.5	1.583	2.491	13.2	21.7
7 10	20 58.87	−24 18.4	1.516	2.483	9.3	21.5
7 20	20 50.07	−25 4.0	1.473	2.474	5.2	21.2
7 30	20 39.81	−25 45.1	1.455	2.465	3.0	21.1
8 9	20 29.35	−26 15.8	1.463	2.456	6.2	21.3
8 19	20 19.99	−26 32.6	1.496	2.447	10.4	21.5
8 29	20 12.87	−26 34.7	1.552	2.437	14.4	21.7
9 8	20 8.70	−26 23.4	1.627	2.428	17.7	21.9

476610 2008 SE_{132} 7 30.4 268.°07 2.°0/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.35	−22 2.8	1.768	2.673	12.2	21.8
7 10	20 57.29	−22 35.9	1.699	2.665	8.6	21.6
7 20	20 49.16	−23 11.6	1.654	2.656	4.6	21.3
7 30	20 39.77	−23 44.8	1.634	2.647	2.0	21.1
8 9	20 30.23	−24 10.9	1.642	2.638	5.2	21.3
8 19	20 21.63	−24 26.8	1.675	2.629	9.3	21.5
8 29	20 14.98	−24 31.3	1.732	2.620	13.0	21.7
9 8	20 10.91	−24 24.8	1.809	2.611	16.1	21.9

442543 2011 YV_{31} 7 30.4 176.°31 1.°0/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.89	−14 33.4	2.433	3.317	10.2	20.9
7 10	20 55.01	−14 35.5	2.365	3.318	7.2	20.7
7 20	20 47.76	−14 43.2	2.321	3.318	4.0	20.5
7 30	20 39.73	−14 54.7	2.305	3.319	1.1	20.3
8 9	20 31.67	−15 7.8	2.318	3.319	3.3	20.5
8 19	20 24.28	−15 20.3	2.358	3.319	6.5	20.7
8 29	20 18.23	−15 30.6	2.425	3.319	9.5	20.9
9 8	20 13.98	−15 37.2	2.515	3.319	12.1	21.0

474398 2002 TO_{340} 7 30.4 269.°28 4.°4/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.65	−28 57.4	2.070	2.972	10.9	21.8
7 10	20 57.47	−29 52.8	1.993	2.953	7.9	21.6
7 20	20 49.28	−30 46.0	1.941	2.933	5.2	21.4
7 30	20 39.80	−31 31.0	1.915	2.914	4.5	21.3
8 9	20 30.06	−32 2.7	1.917	2.894	6.6	21.4
8 19	20 21.11	−32 18.5	1.945	2.873	9.8	21.6
8 29	20 13.93	−32 17.8	1.996	2.853	12.9	21.7
9 8	20 9.21	−32 2.3	2.068	2.832	15.6	21.9

237033 2008 SO_{80} 7 30.4 271.°10 3.°6/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.38	−26 47.4	1.845	2.748	11.9	20.5
7 10	20 58.80	−27 22.8	1.767	2.730	8.5	20.3
7 20	20 50.01	−27 56.5	1.714	2.711	5.2	20.1
7 30	20 39.84	−28 23.0	1.687	2.692	3.7	19.9
8 9	20 29.41	−28 37.5	1.686	2.673	6.3	20.1
8 19	20 19.90	−28 37.5	1.712	2.654	10.0	20.2
8 29	20 12.38	−28 23.2	1.761	2.634	13.5	20.4
9 8	20 7.57	−27 56.2	1.830	2.614	16.6	20.6

386351 2008 SY_{299} 7 30.4 200.°82 4.°1/27.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.87	−29 45.3	2.218	3.114	10.5	21.6
7 10	20 58.77	−30 26.9	2.154	3.110	7.6	21.4
7 20	20 49.83	−31 4.3	2.115	3.106	5.0	21.2
7 30	20 39.84	−31 32.3	2.104	3.101	4.2	21.2
8 9	20 29.77	−31 47.1	2.121	3.096	6.2	21.3
8 19	20 20.61	−31 47.3	2.164	3.091	9.0	21.4
8 29	20 13.23	−31 33.3	2.232	3.084	11.8	21.6
9 8	20 8.19	−31 7.3	2.320	3.078	14.3	21.8

273341 2006 TU_{101} 7 30.4 273.°27 0.°2/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.03	−16 26.3	1.567	2.468	13.8	21.6
7 10	20 58.06	−16 48.4	1.486	2.449	9.8	21.3
7 20	20 49.73	−17 19.3	1.429	2.431	5.2	21.0
7 30	20 39.84	−17 55.0	1.396	2.411	0.3	20.6
8 9	20 29.58	−18 30.3	1.390	2.392	4.8	20.9
8 19	20 20.22	−19 0.8	1.409	2.372	9.7	21.2
8 29	20 12.94	−19 23.5	1.451	2.353	14.1	21.4
9 8	20 8.53	−19 36.8	1.513	2.333	17.9	21.6

12713 1991 FY_3 7 30.4 352.°06 11.°2/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.50	−45 11.9	1.568	2.454	14.6	15.4
7 10	21 0.08	−46 9.2	1.521	2.446	12.6	15.3
7 20	20 50.78	−46 46.5	1.496	2.439	11.4	15.2
7 30	20 39.87	−46 55.3	1.492	2.433	11.5	15.2
8 9	20 29.08	−46 31.5	1.510	2.428	12.9	15.3
8 19	20 20.02	−45 36.1	1.548	2.425	15.0	15.4
8 29	20 13.93	−44 14.3	1.607	2.422	17.4	15.6
9 8	20 11.35	−42 33.6	1.682	2.421	19.5	15.7

478926 2012 XJ_{10} 7 30.4 277.°35 3.°2/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.42	− 9 36.5	1.922	2.799	12.7	21.7
7 10	20 56.57	− 9 25.7	1.832	2.777	9.6	21.5
7 20	20 48.81	− 9 25.8	1.765	2.755	6.0	21.2
7 30	20 39.81	− 9 36.0	1.725	2.732	3.3	21.0
8 9	20 30.49	− 9 54.0	1.711	2.709	4.7	21.0
8 19	20 21.84	−10 17.0	1.724	2.686	8.3	21.2
8 29	20 14.79	−10 41.6	1.762	2.663	12.1	21.4
9 8	20 10.04	−11 4.9	1.820	2.640	15.4	21.6

397147 2005 WJ_{171} 7 30.4 325.°74 0.°7/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.42	−15 6.9	1.657	2.562	12.9	20.7
7 10	20 54.00	−15 27.9	1.575	2.539	9.3	20.4
7 20	20 47.54	−15 58.9	1.515	2.516	5.1	20.1
7 30	20 39.76	−16 36.3	1.480	2.495	0.8	19.8
8 9	20 31.66	−17 15.9	1.470	2.474	4.4	20.0
8 19	20 24.34	−17 53.0	1.486	2.453	8.9	20.2
8 29	20 18.81	−18 23.9	1.525	2.434	13.1	20.4
9 8	20 15.80	−18 46.4	1.583	2.415	16.7	20.6

166049 2002 CN_{21} 7 30.4 184.°55 0.°3/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.45	−15 52.9	1.549	2.447	14.0	20.9
7 10	20 58.87	−16 20.0	1.486	2.448	9.9	20.6
7 20	20 50.04	−16 56.0	1.446	2.448	5.3	20.4
7 30	20 39.87	−17 36.3	1.432	2.447	0.4	20.0
8 9	20 29.58	−18 15.6	1.444	2.446	4.7	20.3
8 19	20 20.41	−18 49.6	1.482	2.445	9.4	20.6
8 29	20 13.41	−19 15.4	1.543	2.443	13.6	20.9
9 8	20 9.24	−19 31.7	1.625	2.441	17.1	21.1

389745 2011 SX_{134} 7 30.4 4.°28 7.°5/ 3.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 53.33	− 2 29.6	1.072	1.969	19.0	20.0
7 10	20 50.78	− 2 9.7	1.021	1.967	15.1	19.8
7 20	20 45.92	− 2 17.7	0.988	1.969	11.0	19.5
7 30	20 39.69	− 2 53.5	0.975	1.972	8.0	19.4
8 9	20 33.39	− 3 52.6	0.983	1.978	8.1	19.4
8 19	20 28.30	− 5 7.0	1.012	1.986	11.2	19.6
8 29	20 25.50	− 6 27.2	1.061	1.996	15.1	19.9
9 8	20 25.62	− 7 44.2	1.129	2.008	18.8	20.1

182763 2001 XT_{180} 7 30.4 224.°43 2.°8/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.40	− 9 5.5	2.267	3.138	11.3	20.3
7 10	20 54.79	− 9 0.7	2.193	3.135	8.4	20.1
7 20	20 47.71	− 9 5.8	2.144	3.131	5.3	19.9
7 30	20 39.78	− 9 19.7	2.121	3.128	3.0	19.7
8 9	20 31.75	− 9 40.1	2.126	3.124	4.0	19.8
8 19	20 24.39	−10 4.4	2.159	3.120	7.0	20.0
8 29	20 18.41	−10 29.9	2.217	3.116	10.0	20.1
9 8	20 14.30	−10 53.9	2.298	3.112	12.7	20.3

285190 1996 VV_{10} 7 30.4 77.°71 1.°2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.32	−15 37.8	1.364	2.267	15.3	20.4
7 10	20 59.53	−15 31.7	1.312	2.274	10.9	20.2
7 20	20 50.37	−15 34.0	1.281	2.282	5.9	19.9
7 30	20 39.90	−15 41.4	1.275	2.289	1.3	19.6
8 9	20 29.50	−15 50.2	1.294	2.297	4.9	19.9
8 19	20 20.47	−15 57.4	1.338	2.305	9.8	20.2
8 29	20 13.88	−16 1.0	1.405	2.313	14.1	20.5
9 8	20 10.32	−15 59.4	1.491	2.320	17.7	20.7

105425 2000 QF_{173} 7 30.5 269.°38 3.°3/31.9 18

6 30	21 3.98	−10 10.0	1.423	2.314	15.5	19.5
7 10	20 58.10	−10 6.3	1.348	2.301	11.5	19.3
7 20	20 49.78	−10 17.3	1.295	2.288	7.1	19.0
7 30	20 39.89	−10 41.2	1.265	2.275	3.5	18.7
8 9	20 29.67	−11 14.1	1.261	2.262	5.4	18.8
8 19	20 20.46	−11 51.3	1.282	2.249	10.0	19.0
8 29	20 13.44	−12 28.2	1.325	2.236	14.5	19.3
9 8	20 9.42	−13 0.6	1.387	2.222	18.4	19.5

357766 2005 SS_{129} 7 30.5 343.°22 7.°5/25.7 18

6 30	21 4.99	−38 1.6	1.907	2.802	12.0	20.0
7 10	20 58.51	−38 58.2	1.856	2.798	9.6	19.8
7 20	20 49.82	−39 43.7	1.827	2.795	7.8	19.7
7 30	20 39.88	−40 11.1	1.823	2.792	7.7	19.7
8 9	20 29.93	−40 16.2	1.845	2.789	9.3	19.8
8 19	20 21.18	−39 58.5	1.890	2.787	11.7	19.9
8 29	20 14.64	−39 20.3	1.956	2.785	14.2	20.1
9 8	20 10.90	−38 25.9	2.042	2.783	16.4	20.3

509743 2008 TX_{53} 7 30.5 284.°73 0.°1/30.4 18

6 30	21 1.84	−16 37.0	1.697	2.598	12.9	21.8
7 10	20 56.37	−17 9.1	1.619	2.582	9.1	21.5
7 20	20 48.78	−17 49.8	1.564	2.566	4.8	21.2
7 30	20 39.84	−18 34.8	1.534	2.550	0.2	20.8
8 9	20 30.61	−19 19.1	1.532	2.533	4.5	21.1
8 19	20 22.21	−19 58.0	1.554	2.517	9.1	21.4
8 29	20 15.68	−20 28.3	1.601	2.501	13.2	21.6
9 8	20 11.75	−20 48.4	1.668	2.484	16.7	21.8

63337 2001 FW_{67} 7 30.5 144.°02 4.°2/27.9 17

6 30	21 3.98	−27 53.8	1.846	2.752	11.8	19.4
7 10	20 57.67	−28 45.0	1.791	2.753	8.4	19.2
7 20	20 49.35	−29 33.4	1.759	2.754	5.3	19.1
7 30	20 39.86	−30 13.0	1.754	2.755	4.3	19.0
8 9	20 30.34	−30 38.9	1.775	2.756	6.6	19.1
8 19	20 21.86	−30 49.0	1.822	2.757	9.9	19.3
8 29	20 15.38	−30 43.4	1.892	2.758	13.0	19.6
9 8	20 11.48	−30 24.2	1.981	2.759	15.7	19.7

126200 2002 AQ_{37} 7 30.5 111.°74 0.°7/30.9 18

6 30	21 3.33	−14 8.8	1.858	2.748	12.5	20.0
7 10	20 56.98	−14 43.6	1.807	2.764	8.8	19.8
7 20	20 48.89	−15 27.0	1.780	2.779	4.8	19.6
7 30	20 39.85	−16 15.0	1.779	2.794	0.8	19.3
8 9	20 30.86	−17 2.8	1.807	2.809	3.9	19.6
8 19	20 22.85	−17 46.5	1.861	2.823	7.9	19.9
8 29	20 16.63	−18 23.2	1.940	2.837	11.4	20.1
9 8	20 12.72	−18 51.2	2.041	2.850	14.3	20.3

249776 2000 WD_{44} 7 30.5 335.°54 4.°6/ 2.6 18

6 30	20 59.05	− 4 12.4	2.054	2.913	12.8	20.0
7 10	20 53.97	− 4 4.9	1.983	2.911	9.9	19.9
7 20	20 47.34	− 4 12.3	1.935	2.909	7.0	19.7
7 30	20 39.80	− 4 33.8	1.911	2.907	4.8	19.5
8 9	20 32.15	− 5 7.0	1.914	2.905	5.3	19.6
8 19	20 25.20	− 5 48.5	1.944	2.903	7.8	19.7
8 29	20 19.70	− 6 34.1	1.998	2.901	10.8	19.9
9 8	20 16.18	− 7 19.8	2.075	2.900	13.5	20.1

154788 2004 PU_{53} 7 30.5 16.°80 2.°4/29.2 17

6 30	21 1.22	−21 4.2	1.293	2.213	14.7	19.3
7 10	20 56.19	−21 57.9	1.244	2.217	10.2	19.1
7 20	20 48.72	−22 56.8	1.217	2.221	5.4	18.8
7 30	20 39.85	−23 53.4	1.213	2.226	2.5	18.6
8 9	20 30.96	−24 40.4	1.234	2.232	6.2	18.9
8 19	20 23.39	−25 13.3	1.278	2.238	10.9	19.2
8 29	20 18.24	−25 30.2	1.344	2.245	15.1	19.4
9 8	20 16.15	−25 31.7	1.427	2.253	18.5	19.7

190519 2000 NR_{17} 7 30.5 0.°52 5.°5/27.8 16

6 30	20 53.07	−25 10.5	0.850	1.798	17.0	18.4
7 10	20 51.26	−26 18.8	0.808	1.792	12.1	18.1
7 20	20 46.41	−27 28.6	0.784	1.789	7.3	17.9
7 30	20 39.75	−28 28.9	0.779	1.788	5.6	17.8
8 9	20 33.04	−29 9.5	0.795	1.790	9.3	18.0
8 19	20 27.99	−29 25.2	0.829	1.795	14.3	18.3
8 29	20 25.95	−29 15.6	0.880	1.802	18.9	18.6
9 8	20 27.55	−28 43.7	0.947	1.812	22.8	18.9

239969 2001 PW_{33} 7 30.5 313.°94 5.°8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.91	−26 44.0	1.117	2.043	15.9	19.8
7 10	20 58.75	−28 1.7	1.058	2.031	11.5	19.5
7 20	20 50.39	−29 20.5	1.019	2.018	7.3	19.2
7 30	20 39.94	−30 29.2	1.002	2.007	6.0	19.1
8 9	20 29.14	−31 17.8	1.009	1.995	9.4	19.2
8 19	20 19.81	−31 40.7	1.036	1.984	14.2	19.5
8 29	20 13.51	−31 37.9	1.083	1.974	18.7	19.7
9 8	20 11.11	−31 13.0	1.145	1.965	22.5	19.9

316931 2001 AE 7 30.5 261.°01 0.°8/29.8 18

6 30	21 0.75	−19 35.2	2.532	3.424	9.5	21.9
7 10	20 55.08	−20 4.5	2.445	3.405	6.6	21.7
7 20	20 47.92	−20 37.4	2.383	3.385	3.5	21.5
7 30	20 39.83	−21 10.7	2.350	3.364	0.8	21.2
8 9	20 31.54	−21 41.1	2.345	3.343	3.6	21.4
8 19	20 23.79	−22 6.0	2.369	3.322	6.9	21.6
8 29	20 17.31	−22 23.7	2.418	3.301	10.0	21.8
9 8	20 12.65	−22 33.4	2.490	3.279	12.6	21.9

233912 2009 NC 7 30.5 299.°36 17.°2/ 7.5 18

6 30	21 1.54	+19 48.6	1.593	2.323	21.2	19.8
7 10	20 56.42	+21 42.3	1.517	2.305	19.8	19.6
7 20	20 48.97	+23 4.8	1.457	2.288	18.5	19.5
7 30	20 39.89	+23 48.2	1.414	2.270	17.5	19.4
8 9	20 30.28	+23 48.3	1.389	2.253	17.3	19.3
8 19	20 21.38	+23 5.3	1.381	2.236	17.8	19.3
8 29	20 14.42	+21 44.9	1.392	2.219	19.0	19.3
9 8	20 10.28	+19 57.2	1.418	2.202	20.6	19.4

294932 2008 DE_{48} 7 30.5 164.°79 0.°6/30.8 17

6 30	21 4.23	−14 42.4	1.761	2.653	13.0	21.4
7 10	20 57.81	−15 16.1	1.699	2.657	9.2	21.2
7 20	20 49.43	−15 58.9	1.661	2.661	4.9	20.9
7 30	20 39.91	−16 46.6	1.649	2.664	0.7	20.6
8 9	20 30.32	−17 34.2	1.664	2.666	4.2	20.9
8 19	20 21.69	−18 17.3	1.707	2.669	8.5	21.2
8 29	20 14.96	−18 52.9	1.773	2.670	12.3	21.4
9 8	20 10.72	−19 19.3	1.861	2.671	15.4	21.6

183042 2002 QH_{52} 7 30.5 304.°31 0.°8/30.0 18

6 30	21 1.85	−17 42.8	1.324	2.238	14.9	20.0
7 10	20 56.94	−18 23.9	1.245	2.215	10.6	19.7
7 20	20 49.34	−19 16.0	1.188	2.192	5.6	19.3
7 30	20 39.92	−20 13.2	1.154	2.169	0.8	18.9
8 9	20 29.98	−21 8.2	1.144	2.146	5.7	19.2
8 19	20 21.01	−21 54.6	1.158	2.123	11.1	19.4
8 29	20 14.39	−22 28.1	1.194	2.101	16.1	19.7
9 8	20 11.04	−22 47.1	1.247	2.080	20.3	19.9

27892 1996 HG_{25} 7 30.5 186.°55 0.°5/30.1 18

6 30	21 3.98	−17 50.8	1.863	2.759	12.2	19.1
7 10	20 57.60	−18 26.8	1.798	2.759	8.5	18.9
7 20	20 49.32	−19 9.0	1.757	2.758	4.4	18.6
7 30	20 39.91	−19 52.7	1.742	2.757	0.5	18.3
8 9	20 30.39	−20 33.2	1.756	2.756	4.3	18.6
8 19	20 21.78	−21 6.9	1.796	2.754	8.4	18.9
8 29	20 14.99	−21 31.5	1.861	2.752	12.1	19.1
9 8	20 10.63	−21 46.2	1.947	2.749	15.1	19.3

81347 2000 GB_{47} 7 30.5 152.°32 1.°3/31.3 18

6 30	21 4.10	−13 15.8	1.849	2.735	12.7	20.5
7 10	20 57.60	−13 36.1	1.788	2.742	9.1	20.3
7 20	20 49.28	−14 5.6	1.751	2.748	5.1	20.0
7 30	20 39.92	−14 41.3	1.740	2.754	1.4	19.8
8 9	20 30.51	−15 18.9	1.757	2.759	4.0	20.0
8 19	20 22.06	−15 54.7	1.802	2.764	8.0	20.3
8 29	20 15.40	−16 25.7	1.871	2.769	11.7	20.5
9 8	20 11.11	−16 50.0	1.961	2.772	14.7	20.7

84926 Marywalker 7 30.5 327.°86 5.°0/ 2.2 18

6 30	21 0.25	− 5 30.7	1.647	2.521	14.7	19.2
7 10	20 55.15	− 5 15.0	1.576	2.514	11.3	19.0
7 20	20 48.10	− 5 15.7	1.527	2.507	7.8	18.8
7 30	20 39.87	− 5 32.6	1.501	2.501	5.2	18.6
8 9	20 31.46	− 6 3.0	1.501	2.495	5.9	18.6
8 19	20 23.91	− 6 42.9	1.526	2.489	9.1	18.8
8 29	20 18.17	− 7 27.4	1.574	2.484	12.7	19.0
9 8	20 14.87	− 8 11.5	1.642	2.479	16.0	19.2

243291 2008 DK_{47} 7 30.5 221.°88 1.°3/31.5 18

6 30	20 59.63	−12 23.9	2.404	3.284	10.4	20.7
7 10	20 54.26	−12 49.7	2.328	3.278	7.5	20.6
7 20	20 47.48	−13 24.0	2.276	3.272	4.3	20.3
7 30	20 39.85	−14 4.2	2.253	3.266	1.4	20.1
8 9	20 32.09	−14 47.1	2.258	3.259	3.3	20.3
8 19	20 24.94	−15 29.4	2.291	3.253	6.6	20.5
8 29	20 19.07	−16 8.2	2.350	3.245	9.7	20.6
9 8	20 14.98	−16 41.4	2.431	3.238	12.3	20.8

305495 2008 EK_{58} 7 30.5 239.°95 2.°1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.69	−10 21.3	2.174	3.052	11.4	21.2
7 10	20 54.41	−10 42.7	2.100	3.047	8.4	21.0
7 20	20 47.59	−11 15.0	2.049	3.042	5.0	20.8
7 30	20 39.86	−11 55.6	2.025	3.036	2.2	20.6
8 9	20 31.98	−12 41.1	2.029	3.030	3.7	20.7
8 19	20 24.77	−13 27.8	2.061	3.024	7.1	20.9
8 29	20 18.97	−14 12.2	2.118	3.018	10.4	21.1
9 8	20 15.10	−14 51.5	2.197	3.012	13.2	21.3

252200 2001 FP_{83} 7 30.5 112.°42 0.°7/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.66	−18 33.2	1.638	2.537	13.4	21.4
7 10	20 59.48	−19 3.4	1.591	2.554	9.3	21.2
7 20	20 50.26	−19 38.5	1.568	2.570	4.8	20.9
7 30	20 39.98	−20 13.7	1.571	2.586	0.7	20.7
8 9	20 29.81	−20 44.1	1.601	2.602	4.7	21.0
8 19	20 20.88	−21 6.7	1.658	2.616	8.9	21.3
8 29	20 14.10	−21 20.0	1.738	2.631	12.7	21.6
9 8	20 10.01	−21 23.9	1.839	2.645	15.8	21.8

242092 2002 TK_{300} 7 30.5 318.°13 0.°1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.24	−15 31.5	1.642	2.546	13.0	19.7
7 10	20 54.59	−16 23.2	1.568	2.533	9.2	19.4
7 20	20 47.88	−17 26.1	1.517	2.520	4.9	19.1
7 30	20 39.88	−18 35.1	1.492	2.507	0.2	18.7
8 9	20 31.61	−19 43.8	1.493	2.495	4.6	19.1
8 19	20 24.16	−20 46.3	1.520	2.484	9.1	19.3
8 29	20 18.56	−21 38.1	1.570	2.472	13.2	19.5
9 8	20 15.52	−22 17.1	1.639	2.462	16.7	19.7

27084 1998 TD_{33} 7 30.5 330.°67 3.°1/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.52	−11 43.7	0.952	1.875	18.4	18.0
7 10	20 55.03	−11 42.3	0.886	1.856	13.6	17.7
7 20	20 48.50	−11 59.9	0.838	1.838	8.1	17.3
7 30	20 39.91	−12 34.1	0.809	1.822	3.3	17.0
8 9	20 30.85	−13 19.2	0.801	1.807	6.3	17.1
8 19	20 23.05	−14 7.9	0.814	1.793	12.3	17.4
8 29	20 18.11	−14 53.0	0.845	1.780	17.9	17.6
9 8	20 16.99	−15 28.8	0.892	1.770	22.7	17.9

90037 2002 UL_{41} 7 30.5 245.°37 0.°5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.04	−17 41.1	1.759	2.658	12.6	20.2
7 10	20 57.88	−18 17.3	1.683	2.645	8.9	19.9
7 20	20 49.61	−19 0.8	1.630	2.632	4.7	19.7
7 30	20 39.99	−19 46.8	1.603	2.618	0.5	19.3
8 9	20 30.09	−20 30.4	1.604	2.604	4.6	19.6
8 19	20 21.05	−21 7.0	1.631	2.590	9.0	19.8
8 29	20 13.89	−21 34.1	1.682	2.575	13.0	20.0
9 8	20 9.33	−21 50.6	1.753	2.560	16.4	20.2

260211 2004 RV_{200} 7 30.5 304.°42 2.°2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.65	−24 2.9	2.047	2.949	10.9	20.1
7 10	20 56.74	−24 17.1	1.963	2.927	7.7	19.8
7 20	20 48.94	−24 31.1	1.904	2.905	4.3	19.6
7 30	20 39.97	−24 41.1	1.871	2.883	2.2	19.4
8 9	20 30.78	−24 43.8	1.866	2.861	4.9	19.5
8 19	20 22.35	−24 37.3	1.887	2.839	8.5	19.7
8 29	20 15.60	−24 21.0	1.933	2.817	12.0	19.9
9 8	20 11.17	−23 55.9	1.999	2.796	15.0	20.1

481145 2005 UX_{113} 7 30.5 238.°54 2.°1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.07	−23 36.1	2.453	3.351	9.5	21.8
7 10	20 55.33	−24 13.0	2.380	3.342	6.7	21.6
7 20	20 48.08	−24 50.8	2.334	3.334	3.7	21.4
7 30	20 39.93	−25 25.5	2.315	3.325	2.1	21.3
8 9	20 31.66	−25 53.6	2.325	3.316	4.4	21.4
8 19	20 24.05	−26 12.9	2.362	3.307	7.4	21.6
8 29	20 17.83	−26 22.2	2.424	3.297	10.3	21.8
9 8	20 13.52	−26 21.7	2.508	3.288	12.8	21.9

386299 2008 SL_{16} 7 30.5 322.°47 1.°8/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.48	−13 25.1	1.363	2.269	15.0	20.7
7 10	20 55.77	−13 32.9	1.289	2.252	10.9	20.4
7 20	20 48.65	−13 53.1	1.236	2.236	6.2	20.1
7 30	20 39.97	−14 23.0	1.207	2.220	1.9	19.8
8 9	20 30.97	−14 57.7	1.202	2.205	5.0	19.9
8 19	20 22.95	−15 32.4	1.220	2.191	10.0	20.2
8 29	20 17.13	−16 2.6	1.261	2.178	14.7	20.4
9 8	20 14.29	−16 25.4	1.320	2.165	18.7	20.6

399993 2006 DV_{14} 7 30.5 262.°30 2.°2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.07	−25 54.0	2.497	3.391	9.5	20.4
7 10	20 57.37	−25 59.0	2.421	3.380	6.8	20.2
7 20	20 49.13	−26 1.7	2.370	3.368	3.9	20.0
7 30	20 40.01	−25 59.1	2.347	3.356	2.3	19.8
8 9	20 30.82	−25 49.0	2.353	3.344	4.4	20.0
8 19	20 22.37	−25 30.5	2.388	3.332	7.4	20.1
8 29	20 15.40	−25 3.9	2.448	3.320	10.2	20.3
9 8	20 10.41	−24 30.2	2.530	3.308	12.7	20.5

501861 2014 WD_{263} 7 30.5 225.°89 1.°2/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.37	−17 50.7	1.511	2.416	13.9	22.1
7 10	20 58.35	−18 51.2	1.445	2.410	9.8	21.8
7 20	20 49.95	−20 1.1	1.401	2.404	5.1	21.6
7 30	20 40.05	−21 13.5	1.383	2.398	1.2	21.3
8 9	20 29.89	−22 21.1	1.392	2.391	5.4	21.5
8 19	20 20.77	−23 17.8	1.425	2.384	10.1	21.8
8 29	20 13.85	−24 0.3	1.482	2.377	14.4	22.0
9 8	20 9.86	−24 27.5	1.558	2.369	17.9	22.3

386370 2008 TO_{139} 7 30.5 248.°85 3.°1/ 1.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.86	− 9 14.1	1.823	2.702	13.2	21.5
7 10	20 56.18	− 9 15.9	1.750	2.696	9.8	21.3
7 20	20 48.64	− 9 30.2	1.701	2.691	6.2	21.1
7 30	20 40.00	− 9 55.5	1.677	2.685	3.2	20.9
8 9	20 31.19	−10 28.5	1.680	2.679	4.6	21.0
8 19	20 23.20	−11 5.4	1.709	2.674	8.2	21.2
8 29	20 16.92	−11 42.3	1.763	2.668	11.9	21.4
9 8	20 12.96	−12 15.8	1.837	2.662	15.1	21.6

474139 1995 UH_{31} 7 30.5 301.°21 5.°5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.86	−29 50.1	1.594	2.505	13.0	21.4
7 10	20 58.85	−30 40.6	1.521	2.484	9.6	21.1
7 20	20 50.29	−31 27.5	1.470	2.463	6.5	20.9
7 30	20 40.08	−32 3.2	1.443	2.442	5.6	20.8
8 9	20 29.54	−32 21.5	1.442	2.421	8.1	20.9
8 19	20 20.07	−32 19.6	1.465	2.401	11.8	21.0
8 29	20 12.92	−31 57.9	1.510	2.381	15.5	21.2
9 8	20 8.88	−31 19.8	1.573	2.361	18.7	21.4

479513 2014 BY_{17} 7 30.5 83.°76 2.°0/31.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.75	−12 27.6	1.811	2.699	12.9	21.0
7 10	20 56.69	−12 25.7	1.752	2.705	9.3	20.8
7 20	20 48.85	−12 33.3	1.715	2.711	5.4	20.6
7 30	20 40.01	−12 48.1	1.705	2.717	2.1	20.4
8 9	20 31.16	−13 7.1	1.721	2.723	4.2	20.5
8 19	20 23.26	−13 27.3	1.764	2.729	8.0	20.8
8 29	20 17.13	−13 45.8	1.831	2.735	11.6	21.0
9 8	20 13.34	−14 0.6	1.920	2.741	14.6	21.2

481729 2008 FP_{70} 7 30.5 99.°82 11.°3/11.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.15	+20 50.7	2.494	3.176	15.4	21.3
7 10	20 53.91	+21 36.5	2.433	3.186	14.1	21.2
7 20	20 47.32	+21 57.2	2.389	3.197	12.8	21.2
7 30	20 39.94	+21 50.3	2.365	3.207	11.8	21.1
8 9	20 32.50	+21 16.1	2.362	3.217	11.4	21.1
8 19	20 25.69	+20 16.9	2.381	3.227	11.5	21.1
8 29	20 20.18	+18 57.7	2.422	3.236	12.2	21.2
9 8	20 16.43	+17 24.9	2.484	3.246	13.3	21.3

154510 2003 FZ_{55} 7 30.5 52.°22 3.°0/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.01	− 9 36.3	1.399	2.292	15.6	19.9
7 10	20 56.44	− 9 53.0	1.354	2.308	11.4	19.7
7 20	20 48.79	−10 25.5	1.329	2.323	6.9	19.5
7 30	20 40.01	−11 10.1	1.329	2.340	3.2	19.3
8 9	20 31.32	−12 1.5	1.354	2.356	4.9	19.4
8 19	20 23.85	−12 53.9	1.404	2.373	9.2	19.7
8 29	20 18.55	−13 42.3	1.477	2.390	13.2	20.0
9 8	20 15.95	−14 23.1	1.569	2.407	16.5	20.3

516285 2016 WA_{29} 7 30.5 295.°98 3.°0/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.54	−24 1.6	2.047	2.953	10.8	21.3
7 10	20 55.23	−25 7.4	1.982	2.947	7.6	21.1
7 20	20 48.15	−26 15.1	1.942	2.942	4.4	20.9
7 30	20 39.99	−27 18.8	1.929	2.936	3.0	20.8
8 9	20 31.66	−28 13.2	1.943	2.931	5.5	20.9
8 19	20 24.11	−28 54.6	1.984	2.926	8.8	21.1
8 29	20 18.19	−29 21.4	2.049	2.921	12.0	21.3
9 8	20 14.50	−29 33.9	2.134	2.916	14.6	21.5

505976 2015 FG_{335} 7 30.5 158.°12 11.°1/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 14.08	−51 22.1	2.216	3.054	12.7	22.1
7 10	21 5.37	−53 12.2	2.188	3.061	11.6	22.0
7 20	20 53.72	−54 42.0	2.184	3.067	11.1	22.0
7 30	20 40.25	−55 43.1	2.202	3.073	11.5	22.1
8 9	20 26.60	−56 11.5	2.244	3.078	12.6	22.1
8 19	20 14.43	−56 7.7	2.306	3.082	14.0	22.3
8 29	20 5.11	−55 36.1	2.386	3.086	15.4	22.4
9 8	19 59.37	−54 43.2	2.482	3.090	16.7	22.5

399605 2003 WO_{103} 7 30.5 213.°15 3.°6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.68	− 4 43.5	2.885	3.731	9.9	21.3
7 10	20 53.41	− 4 31.8	2.806	3.727	7.6	21.1
7 20	20 47.01	− 4 30.1	2.752	3.723	5.4	21.0
7 30	20 39.94	− 4 38.1	2.724	3.718	3.8	20.9
8 9	20 32.78	− 4 54.3	2.725	3.713	4.1	20.9
8 19	20 26.11	− 5 16.9	2.754	3.708	6.1	21.0
8 29	20 20.49	− 5 43.3	2.810	3.702	8.4	21.2
9 8	20 16.31	− 6 11.0	2.890	3.697	10.6	21.3

183723 2003 YN_{85} 7 30.5 304.°81 4.°9/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.27	− 7 29.1	1.345	2.233	16.4	19.8
7 10	20 57.02	− 7 11.4	1.273	2.221	12.5	19.5
7 20	20 49.32	− 7 11.1	1.220	2.208	8.3	19.2
7 30	20 40.05	− 7 27.9	1.191	2.196	5.1	19.0
8 9	20 30.46	− 7 58.7	1.186	2.184	6.3	19.1
8 19	20 21.89	− 8 38.7	1.205	2.173	10.5	19.3
8 29	20 15.53	− 9 22.3	1.245	2.162	14.9	19.5
9 8	20 12.19	−10 4.1	1.304	2.151	18.8	19.7

47894 2000 GS_{21} 7 30.5 267.°35 0.°8/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.79	−14 32.1	2.076	2.965	11.4	19.7
7 10	20 56.09	−14 51.9	1.990	2.946	8.2	19.4
7 20	20 48.63	−15 19.9	1.927	2.926	4.5	19.2
7 30	20 40.03	−15 53.1	1.892	2.906	0.9	18.8
8 9	20 31.16	−16 28.0	1.884	2.886	3.8	19.0
8 19	20 22.93	−17 1.2	1.903	2.865	7.7	19.2
8 29	20 16.21	−17 29.8	1.948	2.844	11.3	19.4
9 8	20 11.64	−17 51.9	2.014	2.823	14.5	19.6

374924 2006 YD_9 7 30.5 295.°09 1.°5/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.50	−19 49.2	1.443	2.354	14.1	21.0
7 10	20 57.98	−20 23.9	1.364	2.332	10.0	20.7
7 20	20 49.90	−21 5.6	1.307	2.311	5.3	20.3
7 30	20 40.10	−21 48.4	1.275	2.289	1.5	20.0
8 9	20 29.86	−22 26.1	1.267	2.267	5.7	20.2
8 19	20 20.57	−22 53.9	1.284	2.245	10.7	20.5
8 29	20 13.55	−23 9.1	1.323	2.224	15.3	20.7
9 8	20 9.64	−23 11.4	1.381	2.203	19.2	20.9

445778 2011 YW_{17} 7 30.5 248.°34 0.°3/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.70	−18 15.4	2.308	3.201	10.3	21.5
7 10	20 55.83	−18 31.7	2.231	3.190	7.2	21.3
7 20	20 48.40	−18 52.1	2.178	3.179	3.8	21.1
7 30	20 40.03	−19 13.7	2.152	3.167	0.3	20.7
8 9	20 31.51	−19 33.4	2.155	3.156	3.6	21.0
8 19	20 23.66	−19 49.0	2.186	3.144	7.1	21.2
8 29	20 17.23	−19 58.7	2.242	3.132	10.3	21.4
9 8	20 12.77	−20 1.9	2.321	3.120	13.1	21.6

238577 2004 XM_{124} 7 30.5 147.°03 9.°3/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.60	−45 11.3	2.237	3.102	11.6	20.4
7 10	21 1.89	−46 57.5	2.204	3.111	10.1	20.3
7 20	20 51.77	−48 28.1	2.196	3.119	9.3	20.3
7 30	20 40.18	−49 35.2	2.213	3.126	9.6	20.3
8 9	20 28.46	−50 14.5	2.254	3.133	10.9	20.4
8 19	20 17.90	−50 25.6	2.318	3.140	12.6	20.6
8 29	20 9.67	−50 11.3	2.402	3.146	14.3	20.7
9 8	20 4.42	−49 36.9	2.502	3.152	15.8	20.8

192196 2007 HU_2 7 30.5 23.°00 2.°6/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.73	−10 41.7	1.573	2.464	14.3	20.4
7 10	20 56.25	−10 53.2	1.512	2.465	10.5	20.1
7 20	20 48.74	−11 18.3	1.472	2.467	6.3	19.9
7 30	20 40.04	−11 53.9	1.457	2.468	2.7	19.7
8 9	20 31.25	−12 35.8	1.468	2.470	4.6	19.8
8 19	20 23.46	−13 19.2	1.504	2.472	8.8	20.1
8 29	20 17.63	−13 59.7	1.564	2.474	12.8	20.3
9 8	20 14.37	−14 34.0	1.645	2.477	16.2	20.5

192402 1997 AW_{12} 7 30.5 149.°66 0.°7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.36	−20 20.0	2.060	2.952	11.3	20.1
7 10	20 59.07	−20 22.7	2.000	2.959	7.9	19.9
7 20	20 50.05	−20 27.0	1.964	2.966	4.1	19.7
7 30	20 40.10	−20 30.1	1.957	2.972	0.7	19.4
8 9	20 30.20	−20 29.4	1.978	2.977	4.0	19.7
8 19	20 21.27	−20 23.5	2.027	2.983	7.7	20.0
8 29	20 14.12	−20 11.7	2.101	2.987	11.1	20.2
9 8	20 9.25	−19 54.5	2.197	2.992	13.9	20.4

188634 2005 QX_{80} 7 30.5 317.°34 7.°8/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.31	− 2 21.0	1.325	2.199	17.5	19.6
7 10	20 55.73	− 1 37.9	1.246	2.179	14.1	19.4
7 20	20 48.71	− 1 16.1	1.187	2.160	10.6	19.1
7 30	20 40.05	− 1 17.9	1.150	2.141	8.1	18.9
8 9	20 30.96	− 1 42.5	1.135	2.122	8.5	18.9
8 19	20 22.75	− 2 26.0	1.143	2.105	11.6	19.0
8 29	20 16.70	− 3 21.8	1.171	2.088	15.6	19.2
9 8	20 13.64	− 4 22.2	1.219	2.072	19.4	19.4

161518 2004 RK_{334} 7 30.5 339.°52 1.°2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.05	−11 35.2	1.973	2.862	11.9	19.5
7 10	20 53.45	−12 27.6	1.902	2.857	8.6	19.3
7 20	20 47.21	−13 32.4	1.856	2.853	4.8	19.0
7 30	20 39.97	−14 45.4	1.835	2.849	1.4	18.8
8 9	20 32.58	−16 1.5	1.843	2.846	3.7	18.9
8 19	20 25.89	−17 15.0	1.877	2.842	7.6	19.2
8 29	20 20.70	−18 21.6	1.937	2.839	11.1	19.4
9 8	20 17.58	−19 18.1	2.018	2.837	14.1	19.6

48325 2002 NO_{42} 7 30.5 312.°52 2.°7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.24	−22 18.0	1.245	2.166	15.1	19.2
7 10	20 58.08	−22 52.3	1.173	2.145	10.7	18.9
7 20	20 50.06	−23 31.2	1.121	2.125	5.9	18.5
7 30	20 40.12	−24 7.8	1.092	2.105	2.7	18.3
8 9	20 29.74	−24 35.0	1.087	2.085	6.7	18.5
8 19	20 20.54	−24 48.2	1.105	2.066	12.0	18.7
8 29	20 13.95	−24 45.9	1.143	2.048	16.8	18.9
9 8	20 10.86	−24 28.9	1.198	2.031	21.0	19.2

276442 2003 EF_{17} 7 30.5 58.°69 1.°6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.47	−18 59.8	1.398	2.309	14.4	20.1
7 10	20 57.51	−19 59.2	1.360	2.329	10.0	19.8
7 20	20 49.37	−21 4.4	1.345	2.349	5.1	19.6
7 30	20 40.07	−22 8.3	1.355	2.369	1.6	19.4
8 9	20 30.92	−23 4.0	1.390	2.389	5.4	19.7
8 19	20 23.12	−23 47.1	1.451	2.410	9.9	20.1
8 29	20 17.63	−24 15.5	1.533	2.431	13.8	20.3
9 8	20 14.97	−24 29.4	1.635	2.451	17.0	20.6

396389 2014 DZ_{120} 7 30.5 231.°76 3.°8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.24	− 4 39.1	2.272	3.124	11.9	21.8
7 10	20 55.55	− 4 59.1	2.184	3.111	9.2	21.6
7 20	20 48.29	− 5 33.9	2.120	3.097	6.3	21.4
7 30	20 40.04	− 6 22.1	2.082	3.082	4.0	21.2
8 9	20 31.54	− 7 20.4	2.073	3.067	4.5	21.2
8 19	20 23.61	− 8 24.8	2.091	3.051	7.3	21.4
8 29	20 17.01	− 9 30.6	2.137	3.034	10.4	21.5
9 8	20 12.31	−10 33.8	2.205	3.017	13.3	21.7

33720 1999 LD_{27} 7 30.5 21.°10 5.°3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.02	−25 39.9	1.329	2.251	14.2	16.8
7 10	20 56.21	−27 30.9	1.285	2.256	10.1	16.6
7 20	20 48.89	−29 22.9	1.263	2.262	6.4	16.4
7 30	20 40.06	−31 4.7	1.267	2.268	5.6	16.3
8 9	20 31.13	−32 26.8	1.294	2.275	8.5	16.5
8 19	20 23.48	−33 23.6	1.345	2.283	12.5	16.8
8 29	20 18.31	−33 54.5	1.417	2.292	16.1	17.0
9 8	20 16.28	−34 1.9	1.506	2.301	19.1	17.3

506761 2006 WH_{68} 7 30.5 254.°96 3.°9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.05	−25 2.7	1.740	2.646	12.4	21.5
7 10	20 58.84	−26 19.1	1.665	2.629	8.8	21.2
7 20	20 50.28	−27 38.3	1.613	2.611	5.3	21.0
7 30	20 40.15	−28 52.5	1.588	2.593	4.0	20.8
8 9	20 29.61	−29 54.3	1.590	2.574	6.9	21.0
8 19	20 19.92	−30 38.8	1.617	2.555	10.7	21.2
8 29	20 12.27	−31 4.3	1.667	2.535	14.4	21.3
9 8	20 7.46	−31 11.8	1.737	2.515	17.6	21.5

8086 Peterthomas 7 30.5 352.°15 5.°6/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.30	−34 50.2	2.254	3.154	10.2	16.5
7 10	20 55.00	−35 36.0	2.197	3.148	7.9	16.4
7 20	20 48.01	−36 14.6	2.165	3.143	6.0	16.2
7 30	20 40.04	−36 40.8	2.158	3.139	5.8	16.2
8 9	20 32.04	−36 51.2	2.178	3.135	7.3	16.3
8 19	20 24.90	−36 44.6	2.222	3.132	9.6	16.4
8 29	20 19.44	−36 21.9	2.289	3.130	12.0	16.6
9 8	20 16.17	−35 45.5	2.376	3.128	14.1	16.8

173780 2001 SV_{32} 7 30.5 61.°08 3.°0/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.14	−25 30.3	1.969	2.873	11.2	20.1
7 10	20 57.01	−26 5.1	1.911	2.874	7.9	19.9
7 20	20 49.07	−26 38.9	1.877	2.876	4.6	19.7
7 30	20 40.10	−27 6.8	1.870	2.878	3.0	19.6
8 9	20 31.10	−27 24.9	1.890	2.879	5.4	19.7
8 19	20 23.06	−27 31.1	1.936	2.881	8.8	19.9
8 29	20 16.82	−27 25.2	2.006	2.883	12.0	20.1
9 8	20 12.94	−27 8.5	2.097	2.884	14.7	20.3

369527 2010 WE_{62} 7 30.5 336.°42 3.°2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.90	−12 21.9	1.093	2.007	17.3	20.1
7 10	20 56.43	−12 1.4	1.028	1.994	12.8	19.8
7 20	20 49.16	−11 54.9	0.982	1.981	7.6	19.5
7 30	20 40.11	−12 1.0	0.958	1.970	3.4	19.2
8 9	20 30.76	−12 16.2	0.956	1.960	6.0	19.3
8 19	20 22.66	−12 35.8	0.976	1.951	11.3	19.6
8 29	20 17.20	−12 55.4	1.016	1.943	16.4	19.9
9 8	20 15.19	−13 10.9	1.073	1.936	20.7	20.1

123754 2001 AR_{32} 7 30.5 303.°27 1.°4/29.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.02	−20 29.1	1.546	2.454	13.5	19.5
7 10	20 58.37	−20 50.5	1.454	2.421	9.6	19.2
7 20	20 50.16	−21 17.0	1.384	2.387	5.1	18.8
7 30	20 40.17	−21 43.8	1.339	2.354	1.4	18.5
8 9	20 29.60	−22 5.5	1.320	2.320	5.5	18.7
8 19	20 19.82	−22 18.2	1.326	2.287	10.5	18.9
8 29	20 12.15	−22 19.9	1.354	2.254	15.1	19.1
9 8	20 7.51	−22 10.3	1.401	2.221	19.1	19.2

415440 2013 RQ_{88} 7 30.5 11.°17 3.°4/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 56.46	− 6 12.3	2.509	3.371	10.6	20.6
7 10	20 51.99	− 6 10.8	2.442	3.374	8.1	20.4
7 20	20 46.33	− 6 20.3	2.398	3.377	5.5	20.3
7 30	20 39.98	− 6 39.8	2.381	3.381	3.5	20.2
8 9	20 33.58	− 7 7.4	2.391	3.384	4.0	20.2
8 19	20 27.76	− 7 40.1	2.428	3.389	6.4	20.4
8 29	20 23.10	− 8 15.2	2.491	3.393	8.9	20.5
9 8	20 20.01	− 8 49.6	2.577	3.398	11.3	20.7

52796 1998 QA_{52} 7 30.5 291.°77 1.°2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.06	−15 57.3	1.227	2.136	16.2	18.7
7 10	20 59.99	−15 47.9	1.155	2.120	11.7	18.4
7 20	20 51.04	−15 47.1	1.104	2.105	6.5	18.0
7 30	20 40.22	−15 52.1	1.076	2.090	1.3	17.6
8 9	20 29.02	−15 58.8	1.072	2.075	5.5	17.9
8 19	20 19.05	−16 3.8	1.091	2.061	11.1	18.2
8 29	20 11.70	−16 4.6	1.132	2.046	16.2	18.4
9 8	20 7.85	−15 59.7	1.190	2.032	20.5	18.6

17916 1999 GZ_3 7 30.5 192.°13 3.°1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.33	−10 8.6	1.570	2.454	14.7	19.4
7 10	20 58.84	−10 8.0	1.504	2.453	10.9	19.1
7 20	20 50.17	−10 20.9	1.460	2.452	6.6	18.9
7 30	20 40.19	−10 44.9	1.441	2.451	3.2	18.7
8 9	20 30.07	−11 16.4	1.448	2.449	5.0	18.8
8 19	20 20.98	−11 51.1	1.481	2.446	9.2	19.0
8 29	20 13.96	−12 24.9	1.538	2.444	13.2	19.2
9 8	20 9.67	−12 54.4	1.615	2.440	16.7	19.5

273517 2007 BS_{13} 7 30.5 245.°39 1.°3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.30	−20 13.7	1.809	2.708	12.3	21.7
7 10	20 58.81	−20 44.5	1.731	2.694	8.7	21.4
7 20	20 50.18	−21 19.7	1.677	2.679	4.6	21.2
7 30	20 40.21	−21 54.5	1.650	2.665	1.3	20.9
8 9	20 29.96	−22 24.1	1.651	2.649	4.8	21.1
8 19	20 20.58	−22 45.2	1.678	2.633	9.1	21.3
8 29	20 13.11	−22 55.9	1.728	2.617	13.0	21.5
9 8	20 8.24	−22 56.3	1.800	2.600	16.3	21.7

428308 2007 FC_{25} 7 30.5 136.°48 3.°3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.66	− 6 56.5	1.939	2.806	13.1	21.8
7 10	20 56.58	− 7 15.6	1.878	2.816	9.8	21.7
7 20	20 48.83	− 7 48.9	1.841	2.826	6.3	21.5
7 30	20 40.14	− 8 34.2	1.830	2.836	3.6	21.3
8 9	20 31.41	− 9 27.3	1.847	2.844	4.5	21.4
8 19	20 23.53	−10 23.8	1.890	2.853	7.7	21.6
8 29	20 17.30	−11 19.1	1.959	2.861	11.0	21.8
9 8	20 13.24	−12 9.6	2.051	2.869	13.9	22.0

1023 Thomana 7 30.5 291.°51 4.°4/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.22	− 3 34.3	2.263	3.116	12.0	14.7
7 10	20 53.42	− 3 37.8	2.182	3.106	9.3	14.5
7 20	20 47.18	− 3 55.8	2.125	3.097	6.6	14.4
7 30	20 40.06	− 4 27.6	2.093	3.088	4.6	14.2
8 9	20 32.79	− 5 10.6	2.088	3.078	4.9	14.2
8 19	20 26.09	− 6 1.5	2.110	3.069	7.3	14.3
8 29	20 20.68	− 6 56.0	2.158	3.060	10.1	14.5
9 8	20 17.07	− 7 50.1	2.228	3.051	12.8	14.7

319234 2006 AT_{24} 7 30.5 238.°44 0.°2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.57	−16 54.2	2.525	3.413	9.7	21.8
7 10	20 54.95	−17 9.0	2.447	3.404	6.8	21.6
7 20	20 47.94	−17 28.5	2.396	3.396	3.6	21.4
7 30	20 40.11	−17 50.0	2.372	3.387	0.3	21.1
8 9	20 32.16	−18 10.9	2.376	3.378	3.2	21.3
8 19	20 24.81	−18 29.1	2.409	3.368	6.5	21.5
8 29	20 18.73	−18 42.7	2.468	3.359	9.5	21.7
9 8	20 14.42	−18 50.7	2.550	3.349	12.0	21.9

428285 2007 EK_{102} 7 30.5 92.°54 9.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 11.65	−40 39.0	1.660	2.548	13.8	20.7
7 10	21 3.42	−41 38.9	1.623	2.558	11.3	20.6
7 20	20 52.56	−42 22.4	1.609	2.568	9.5	20.5
7 30	20 40.34	−42 41.6	1.618	2.578	9.3	20.5
8 9	20 28.37	−42 32.6	1.652	2.588	10.8	20.6
8 19	20 18.12	−41 56.6	1.709	2.598	13.2	20.8
8 29	20 10.70	−40 58.2	1.786	2.608	15.7	21.0
9 8	20 6.63	−39 43.9	1.882	2.617	17.9	21.2

112882 2002 QC_{43} 7 30.5 343.°54 3.°4/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.69	−22 23.6	0.952	1.890	16.8	18.3
7 10	20 54.58	−23 8.3	0.893	1.874	11.9	17.9
7 20	20 48.37	−23 59.2	0.853	1.859	6.6	17.6
7 30	20 40.15	−24 47.7	0.834	1.847	3.5	17.4
8 9	20 31.61	−25 24.6	0.836	1.835	7.7	17.6
8 19	20 24.52	−25 43.9	0.857	1.826	13.4	17.8
8 29	20 20.43	−25 43.3	0.897	1.819	18.5	18.1
9 8	20 20.15	−25 24.1	0.952	1.814	22.9	18.4

139349 2001 KL_{74} 7 30.5 56.°24 2.°1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.03	−21 4.3	1.305	2.220	15.0	19.4
7 10	20 58.82	−21 44.2	1.264	2.233	10.4	19.2
7 20	20 50.18	−22 27.8	1.243	2.247	5.5	19.0
7 30	20 40.25	−23 8.4	1.247	2.261	2.1	18.8
8 9	20 30.44	−23 40.0	1.276	2.275	5.9	19.1
8 19	20 22.11	−23 59.1	1.329	2.289	10.5	19.4
8 29	20 16.30	−24 4.7	1.403	2.303	14.6	19.7
9 8	20 13.58	−23 57.9	1.497	2.318	18.0	19.9

521543 2015 OG_{101} 7 30.5 266.°45 3.°4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.12	− 7 29.2	2.230	3.097	11.6	20.9
7 10	20 54.72	− 7 21.0	2.158	3.095	8.8	20.7
7 20	20 47.86	− 7 23.9	2.109	3.092	5.8	20.5
7 30	20 40.14	− 7 37.1	2.087	3.090	3.6	20.4
8 9	20 32.32	− 7 58.5	2.092	3.088	4.3	20.4
8 19	20 25.17	− 8 25.2	2.125	3.085	7.1	20.6
8 29	20 19.39	− 8 54.2	2.182	3.083	10.1	20.8
9 8	20 15.49	− 9 22.6	2.263	3.081	12.8	21.0

61358 2000 PK_{12} 7 30.5 316.°15 1.°0/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.74	−11 1.7	1.404	2.305	15.0	18.3
7 10	20 54.65	−12 19.2	1.325	2.286	10.9	18.0
7 20	20 48.21	−13 58.0	1.267	2.267	6.1	17.7
7 30	20 40.17	−15 52.1	1.234	2.249	1.2	17.3
8 9	20 31.67	−17 52.1	1.227	2.231	4.9	17.5
8 19	20 23.98	−19 47.6	1.245	2.214	10.1	17.8
8 29	20 18.34	−21 30.2	1.286	2.197	14.9	18.0
9 8	20 15.62	−22 54.5	1.347	2.182	18.9	18.2

517016 2012 UW_{67} 7 30.5 301.°72 16.°6/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.64	−58 48.6	1.677	2.498	16.9	20.4
7 10	21 9.90	−61 51.9	1.635	2.470	16.6	20.3
7 20	20 57.63	−64 29.3	1.614	2.441	17.1	20.3
7 30	20 40.68	−66 25.7	1.612	2.413	18.2	20.3
8 9	20 21.64	−67 31.8	1.628	2.385	19.7	20.3
8 19	20 4.22	−67 46.6	1.657	2.357	21.3	20.4
8 29	19 51.90	−67 17.0	1.699	2.330	22.9	20.5
9 8	19 46.39	−66 13.7	1.748	2.302	24.2	20.6

483796 2005 VY_{96} 7 30.5 279.°02 4.°0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.20	− 5 36.0	2.295	3.152	11.7	22.4
7 10	20 54.88	− 5 25.7	2.202	3.131	9.0	22.2
7 20	20 48.01	− 5 27.6	2.133	3.109	6.2	22.0
7 30	20 40.16	− 5 41.3	2.090	3.088	4.2	21.8
8 9	20 32.05	− 6 5.0	2.074	3.066	4.8	21.8
8 19	20 24.47	− 6 36.3	2.085	3.044	7.4	22.0
8 29	20 18.17	− 7 11.7	2.123	3.021	10.4	22.1
9 8	20 13.72	− 7 47.8	2.182	2.999	13.2	22.3

116030 2003 WY_{90} 7 30.5 358.°78 0.°1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.26	−16 29.5	1.703	2.604	12.8	19.6
7 10	20 55.91	−17 4.7	1.641	2.604	9.0	19.4
7 20	20 48.62	−17 48.0	1.601	2.603	4.8	19.1
7 30	20 40.19	−18 34.8	1.588	2.603	0.2	18.7
8 9	20 31.65	−19 20.1	1.601	2.603	4.3	19.1
8 19	20 24.04	−19 59.6	1.640	2.603	8.6	19.3
8 29	20 18.29	−20 30.3	1.703	2.604	12.4	19.6
9 8	20 14.99	−20 50.9	1.786	2.604	15.7	19.8

355540 2008 AC_{137} 7 30.5 280.°94 2.°8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.97	− 6 59.2	2.056	2.924	12.4	21.0
7 10	20 54.94	− 7 42.7	1.960	2.900	9.3	20.8
7 20	20 48.15	− 8 42.7	1.888	2.875	5.9	20.5
7 30	20 40.18	− 9 56.8	1.842	2.850	3.0	20.3
8 9	20 31.85	−11 20.4	1.824	2.825	4.2	20.3
8 19	20 24.03	−12 47.7	1.834	2.799	7.7	20.5
8 29	20 17.61	−14 13.0	1.870	2.773	11.4	20.7
9 8	20 13.28	−15 31.4	1.929	2.747	14.7	20.8

335931 2007 TW_{23} 7 30.5 330.°78 21.°5/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.90	+23 26.9	1.112	1.859	27.7	20.7
7 10	20 56.55	+25 10.1	1.058	1.856	26.0	20.5
7 20	20 49.34	+26 5.8	1.015	1.852	24.2	20.4
7 30	20 40.24	+26 3.8	0.984	1.849	22.7	20.3
8 9	20 30.74	+24 59.8	0.967	1.847	21.7	20.2
8 19	20 22.43	+22 57.5	0.965	1.845	21.6	20.2
8 29	20 16.80	+20 8.4	0.979	1.843	22.5	20.3
9 8	20 14.74	+16 50.5	1.009	1.841	24.0	20.4

136901 1998 HT_{49} 7 30.5 353.°92 4.°8/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 51.46	−20 23.5	0.832	1.780	17.3	17.9
7 10	20 50.33	−22 31.5	0.783	1.769	12.1	17.5
7 20	20 46.19	−24 55.3	0.753	1.760	6.8	17.2
7 30	20 40.08	−27 19.1	0.743	1.753	5.1	17.1
8 9	20 33.68	−29 25.6	0.753	1.749	9.6	17.3
8 19	20 28.75	−31 1.9	0.783	1.747	15.1	17.6
8 29	20 26.83	−32 2.1	0.829	1.748	20.1	17.9
9 8	20 28.75	−32 26.8	0.890	1.751	24.2	18.2

476195 2007 UJ_{41} 7 30.5 259.°24 5.°0/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.86	−30 54.9	2.060	2.959	11.0	21.2
7 10	20 58.44	−31 48.4	1.989	2.945	8.2	21.0
7 20	20 49.99	−32 37.6	1.943	2.931	5.7	20.8
7 30	20 40.28	−33 16.5	1.924	2.917	5.1	20.8
8 9	20 30.36	−33 40.3	1.931	2.902	7.1	20.9
8 19	20 21.32	−33 46.7	1.964	2.887	10.0	21.0
8 29	20 14.13	−33 36.1	2.021	2.872	13.0	21.2
9 8	20 9.45	−33 10.7	2.097	2.857	15.5	21.3

105529 2000 RG_{27} 7 30.5 269.°06 1.°1/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 2.36	−14 57.2	2.125	3.013	11.2	19.1
7 10	20 56.38	−14 51.6	2.052	3.007	8.1	18.9
7 20	20 48.77	−14 51.8	2.004	3.002	4.5	18.7
7 30	20 40.22	−14 56.2	1.982	2.996	1.2	18.4
8 9	20 31.56	−15 2.3	1.988	2.990	3.6	18.6
8 19	20 23.66	−15 8.1	2.022	2.985	7.3	18.8
8 29	20 17.30	−15 11.8	2.081	2.979	10.6	19.0
9 8	20 13.00	−15 12.1	2.162	2.973	13.5	19.2

361124 2006 GC_4 7 30.5 58.°84 3.°5/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.50	− 8 58.8	1.199	2.096	17.3	20.7
7 10	20 57.86	− 9 14.1	1.151	2.107	12.8	20.5
7 20	20 49.75	− 9 48.4	1.124	2.118	7.8	20.2
7 30	20 40.27	−10 38.0	1.119	2.129	3.8	20.0
8 9	20 30.81	−11 36.3	1.138	2.140	5.6	20.2
8 19	20 22.72	−12 36.5	1.181	2.152	10.2	20.5
8 29	20 17.14	−13 32.4	1.245	2.164	14.7	20.8
9 8	20 14.66	−14 19.3	1.328	2.176	18.5	21.1

178427 1998 SU_{118} 7 30.5 324.°88 5.°0/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.73	− 6 3.5	1.296	2.186	16.8	19.3
7 10	20 55.34	− 6 5.4	1.225	2.173	12.9	19.0
7 20	20 48.56	− 6 28.7	1.174	2.161	8.7	18.7
7 30	20 40.22	− 7 12.4	1.145	2.150	5.3	18.5
8 9	20 31.56	− 8 11.8	1.140	2.139	6.3	18.5
8 19	20 23.89	− 9 20.4	1.157	2.129	10.4	18.7
8 29	20 18.42	−10 30.6	1.197	2.119	14.8	19.0
9 8	20 15.93	−11 35.7	1.256	2.111	18.8	19.2

472098 2014 AM_{21} 7 30.5 303.°69 2.°1/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.96	−23 37.7	1.523	2.430	13.7	21.0
7 10	21 0.25	−23 36.0	1.451	2.417	9.7	20.8
7 20	20 51.06	−23 33.4	1.401	2.403	5.3	20.5
7 30	20 40.35	−23 25.5	1.376	2.389	2.1	20.2
8 9	20 29.46	−23 9.0	1.378	2.376	5.6	20.4
8 19	20 19.75	−22 42.7	1.405	2.363	10.2	20.7
8 29	20 12.38	−22 7.2	1.454	2.351	14.4	20.9
9 8	20 8.06	−21 24.4	1.523	2.338	18.0	21.1

492343 2014 GW_{46} 7 30.5 136.°11 17.°5/12.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.85	+20 32.7	1.300	2.045	24.5	21.7
7 10	20 58.23	+21 41.6	1.246	2.050	22.4	21.5
7 20	20 50.06	+22 7.6	1.204	2.055	20.3	21.4
7 30	20 40.30	+21 43.9	1.178	2.060	18.6	21.3
8 9	20 30.34	+20 29.4	1.170	2.065	17.6	21.2
8 19	20 21.56	+18 30.0	1.180	2.069	17.8	21.3
8 29	20 15.21	+15 57.4	1.209	2.073	19.0	21.4
9 8	20 12.05	+13 7.0	1.256	2.076	20.9	21.5

329600 2003 FF_8 7 30.5 345.°85 10.°8/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 58.81	+ 6 36.9	1.421	2.251	18.9	20.1
7 10	20 54.49	+ 7 17.8	1.354	2.246	16.1	19.9
7 20	20 48.02	+ 7 29.2	1.306	2.240	13.4	19.7
7 30	20 40.21	+ 7 8.0	1.277	2.236	11.3	19.6
8 9	20 32.17	+ 6 15.4	1.271	2.232	10.9	19.5
8 19	20 25.06	+ 4 56.7	1.286	2.229	12.4	19.6
8 29	20 19.93	+ 3 20.6	1.323	2.227	15.0	19.8
9 8	20 17.49	+ 1 37.1	1.379	2.225	17.9	20.0

93226 2000 SJ_{142} 7 30.5 287.°96 5.°7/ 2.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.25	− 3 33.4	1.685	2.548	14.9	19.4
7 10	20 56.05	− 3 18.6	1.602	2.531	11.7	19.2
7 20	20 48.82	− 3 21.8	1.540	2.514	8.4	18.9
7 30	20 40.25	− 3 43.4	1.502	2.497	6.0	18.7
8 9	20 31.36	− 4 21.0	1.489	2.480	6.4	18.7
8 19	20 23.20	− 5 10.5	1.502	2.463	9.5	18.9
8 29	20 16.79	− 6 6.6	1.538	2.446	13.1	19.0
9 8	20 12.86	− 7 3.5	1.594	2.429	16.5	19.2

328918 2010 US_{34} 7 30.5 236.°13 4.°1/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.83	−26 49.6	1.554	2.462	13.5	21.5
7 10	21 0.86	−27 29.4	1.491	2.455	9.7	21.3
7 20	20 51.38	−28 7.0	1.451	2.449	5.8	21.0
7 30	20 40.38	−28 35.7	1.436	2.442	4.2	20.9
8 9	20 29.25	−28 50.0	1.447	2.435	6.9	21.1
8 19	20 19.35	−28 47.6	1.483	2.428	11.0	21.3
8 29	20 11.87	−28 29.2	1.541	2.420	14.8	21.5
9 8	20 7.48	−27 57.4	1.619	2.413	18.1	21.7

96388 1998 BD_{42} 7 30.5 105.°85 2.°7/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.60	−22 10.0	1.569	2.473	13.6	19.7
7 10	21 0.35	−23 16.8	1.530	2.495	9.4	19.5
7 20	20 50.93	−24 25.4	1.514	2.515	5.1	19.3
7 30	20 40.36	−25 28.4	1.524	2.535	2.8	19.2
8 9	20 29.91	−26 19.6	1.562	2.555	5.9	19.5
8 19	20 20.79	−26 55.4	1.625	2.573	9.9	19.8
8 29	20 13.98	−27 15.1	1.711	2.592	13.5	20.0
9 8	20 10.01	−27 20.1	1.817	2.609	16.5	20.3

481251 2005 WX_{160} 7 30.5 155.°03 4.°4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 2.40	−30 49.9	2.347	3.245	9.9	21.0
7 10	20 56.43	−31 44.2	2.291	3.247	7.3	20.8
7 20	20 48.81	−32 34.2	2.261	3.249	5.1	20.7
7 30	20 40.25	−33 14.8	2.258	3.250	4.6	20.6
8 9	20 31.64	−33 42.1	2.282	3.251	6.3	20.7
8 19	20 23.84	−33 54.4	2.333	3.253	8.8	20.9
8 29	20 17.64	−33 51.9	2.407	3.254	11.3	21.1
9 8	20 13.55	−33 36.2	2.502	3.255	13.5	21.2

277437 2005 UG_{433} 7 30.5 150.°46 1.°0/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.70	−20 8.0	2.609	3.502	9.2	21.2
7 10	20 54.99	−20 39.7	2.547	3.507	6.4	21.0
7 20	20 47.97	−21 13.8	2.512	3.513	3.3	20.9
7 30	20 40.21	−21 47.3	2.504	3.518	1.0	20.7
8 9	20 32.42	−22 17.0	2.525	3.523	3.5	20.9
8 19	20 25.28	−22 40.7	2.575	3.527	6.5	21.1
8 29	20 19.42	−22 57.1	2.650	3.532	9.2	21.3
9 8	20 15.28	−23 5.7	2.749	3.536	11.6	21.4

512695 2016 US_5 7 30.5 320.°28 10.°4/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 2.48	−36 31.5	1.314	2.230	14.8	19.9
7 10	20 58.05	−38 44.4	1.249	2.204	12.1	19.6
7 20	20 50.37	−40 51.2	1.206	2.178	10.5	19.5
7 30	20 40.37	−42 37.5	1.186	2.153	11.1	19.4
8 9	20 29.66	−43 51.6	1.188	2.129	13.6	19.5
8 19	20 20.13	−44 27.8	1.210	2.106	17.0	19.6
8 29	20 13.54	−44 26.9	1.250	2.083	20.4	19.8
9 8	20 10.96	−43 54.6	1.303	2.062	23.3	19.9

26478 Cristianrosu 7 30.5 106.°65 4.°6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.24	− 4 15.4	1.976	2.834	13.3	18.6
7 10	20 55.61	− 4 11.8	1.914	2.842	10.2	18.4
7 20	20 48.39	− 4 23.6	1.875	2.850	7.1	18.3
7 30	20 40.26	− 4 49.7	1.861	2.858	4.8	18.1
8 9	20 32.09	− 5 27.2	1.874	2.865	5.3	18.2
8 19	20 24.72	− 6 12.4	1.914	2.873	7.9	18.4
8 29	20 18.91	− 7 0.8	1.978	2.881	10.9	18.6
9 8	20 15.18	− 7 48.2	2.065	2.888	13.7	18.8

380732 2005 SB_7 7 30.5 292.°98 2.°7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 2.28	−10 45.2	1.528	2.419	14.6	21.2
7 10	20 57.03	−10 52.5	1.443	2.397	10.8	20.9
7 20	20 49.46	−11 14.0	1.380	2.375	6.6	20.6
7 30	20 40.33	−11 47.7	1.341	2.352	2.9	20.3
8 9	20 30.76	−12 29.5	1.327	2.330	5.0	20.4
8 19	20 21.98	−13 14.5	1.339	2.307	9.6	20.6
8 29	20 15.17	−13 57.7	1.373	2.285	14.1	20.8
9 8	20 11.17	−14 35.3	1.427	2.263	18.0	21.0

188150 2002 FV_{38} 7 30.6 135.°36 0.°1/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.01	−15 59.8	2.462	3.351	9.9	20.6
7 10	20 54.57	−16 37.6	2.401	3.358	6.9	20.4
7 20	20 47.79	−17 21.2	2.364	3.364	3.7	20.2
7 30	20 40.25	−18 7.3	2.356	3.371	0.2	20.0
8 9	20 32.65	−18 52.3	2.376	3.377	3.2	20.2
8 19	20 25.71	−19 33.1	2.425	3.383	6.5	20.5
8 29	20 20.07	−20 7.5	2.499	3.389	9.4	20.7
9 8	20 16.18	−20 34.1	2.596	3.395	11.9	20.8

244799 2003 SX_{251} 7 30.6 296.°58 7.°2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.26	−34 22.8	1.716	2.619	12.6	19.5
7 10	20 59.21	−35 35.3	1.647	2.601	9.8	19.3
7 20	20 50.62	−36 40.9	1.602	2.582	7.6	19.1
7 30	20 40.41	−37 31.2	1.582	2.563	7.4	19.1
8 9	20 29.87	−37 59.5	1.587	2.545	9.5	19.2
8 19	20 20.39	−38 3.2	1.615	2.526	12.5	19.3
8 29	20 13.22	−37 43.5	1.664	2.508	15.6	19.5
9 8	20 9.11	−37 4.3	1.731	2.490	18.4	19.6

186337 2002 ED_{37} 7 30.6 290.°16 2.°3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 58.71	− 8 57.4	2.143	3.019	11.7	20.6
7 10	20 53.90	− 9 28.7	2.065	3.010	8.6	20.4
7 20	20 47.55	−10 12.7	2.010	3.000	5.3	20.1
7 30	20 40.24	−11 6.9	1.982	2.991	2.5	19.9
8 9	20 32.75	−12 7.3	1.981	2.982	3.8	20.0
8 19	20 25.88	−13 9.6	2.007	2.973	7.1	20.2
8 29	20 20.38	−14 9.3	2.060	2.964	10.5	20.4
9 8	20 16.81	−15 3.1	2.134	2.955	13.4	20.6

66315 1999 JB_{48} 7 30.6 88.°62 0.°5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.06	−16 15.6	1.657	2.553	13.4	19.1
7 10	20 58.47	−16 27.4	1.607	2.567	9.4	18.9
7 20	20 49.93	−16 46.1	1.580	2.581	5.0	18.7
7 30	20 40.36	−17 8.1	1.579	2.594	0.6	18.4
8 9	20 30.87	−17 29.4	1.606	2.608	4.2	18.7
8 19	20 22.53	−17 47.0	1.658	2.621	8.5	19.0
8 29	20 16.22	−17 58.8	1.734	2.634	12.3	19.2
9 8	20 12.46	−18 3.9	1.831	2.647	15.4	19.5

75622 2000 AH_{46} 7 30.6 252.°56 2.°5/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.49	−12 22.6	1.570	2.460	14.4	19.5
7 10	20 59.07	−12 7.7	1.500	2.453	10.5	19.3
7 20	20 50.42	−12 3.0	1.451	2.447	6.3	19.0
7 30	20 40.41	−12 6.7	1.428	2.440	2.7	18.8
8 9	20 30.22	−12 16.2	1.431	2.432	4.9	18.9
8 19	20 21.03	−12 28.5	1.459	2.425	9.2	19.2
8 29	20 13.93	−12 40.5	1.511	2.418	13.4	19.4
9 8	20 9.58	−12 50.0	1.583	2.410	16.9	19.6

256675 2007 YE_{19} 7 30.6 355.°52 0.°9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.37	−16 30.1	0.955	1.887	17.4	19.5
7 10	20 54.22	−17 30.2	0.903	1.881	12.3	19.2
7 20	20 48.16	−18 45.8	0.870	1.876	6.4	18.9
7 30	20 40.29	−20 8.4	0.858	1.873	0.9	18.5
8 9	20 32.22	−21 27.1	0.867	1.871	6.4	18.8
8 19	20 25.57	−22 32.8	0.898	1.871	12.3	19.2
8 29	20 21.75	−23 19.7	0.947	1.873	17.4	19.5
9 8	20 21.51	−23 46.2	1.013	1.876	21.7	19.7

128817 2004 RE_{291} 7 30.6 235.°18 3.°7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.33	− 6 40.9	1.998	2.863	12.8	20.5
7 10	20 56.54	− 6 45.9	1.917	2.852	9.8	20.3
7 20	20 48.99	− 7 4.9	1.858	2.841	6.5	20.1
7 30	20 40.34	− 7 36.6	1.826	2.830	3.9	19.9
8 9	20 31.46	− 8 17.9	1.821	2.817	4.7	20.0
8 19	20 23.26	− 9 5.1	1.843	2.805	7.9	20.1
8 29	20 16.60	− 9 53.8	1.890	2.792	11.4	20.3
9 8	20 12.10	−10 40.1	1.960	2.779	14.4	20.5

100326 1995 OR_4 7 30.6 343.°13 0.°3/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.27	−15 44.6	1.845	2.743	12.1	19.8
7 10	20 55.16	−16 13.0	1.778	2.740	8.6	19.5
7 20	20 48.26	−16 49.4	1.736	2.737	4.6	19.3
7 30	20 40.30	−17 30.0	1.719	2.734	0.4	19.0
8 9	20 32.22	−18 10.5	1.729	2.732	4.0	19.2
8 19	20 24.97	−18 46.9	1.765	2.730	8.0	19.5
8 29	20 19.41	−19 16.5	1.826	2.728	11.7	19.7
9 8	20 16.11	−19 37.4	1.908	2.726	14.8	19.9

129437 1978 NG 7 30.6 339.°76 4.°6/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.36	−12 16.4	1.286	2.188	16.0	17.5
7 10	20 57.98	−10 58.4	1.211	2.168	12.1	17.2
7 20	20 50.02	− 9 47.3	1.156	2.150	7.7	16.9
7 30	20 40.41	− 8 45.1	1.126	2.133	4.6	16.7
8 9	20 30.48	− 7 53.0	1.119	2.117	6.5	16.8
8 19	20 21.65	− 7 11.6	1.135	2.103	11.0	17.0
8 29	20 15.18	− 6 39.8	1.173	2.091	15.5	17.2
9 8	20 11.87	− 6 14.8	1.230	2.080	19.5	17.4

512135 2015 PO_{47} 7 30.6 172.°72 4.°3/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.72	−31 13.6	2.328	3.223	10.1	21.2
7 10	20 58.02	−31 45.1	2.269	3.224	7.4	21.1
7 20	20 49.66	−32 11.2	2.236	3.225	5.1	20.9
7 30	20 40.38	−32 27.4	2.231	3.225	4.4	20.9
8 9	20 31.10	−32 30.7	2.252	3.226	6.0	21.0
8 19	20 22.73	−32 20.2	2.301	3.226	8.6	21.1
8 29	20 16.04	−31 56.6	2.373	3.226	11.2	21.3
9 8	20 11.53	−31 22.2	2.467	3.226	13.5	21.5

802 Epyaxa 7 30.6 182.°47 3.°4/28.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.78	−24 41.4	1.461	2.368	14.1	16.2
7 10	21 1.57	−25 22.3	1.404	2.369	10.0	16.0
7 20	20 51.79	−26 3.1	1.369	2.369	5.7	15.7
7 30	20 40.51	−26 36.7	1.360	2.369	3.5	15.6
8 9	20 29.15	−26 57.5	1.376	2.369	6.6	15.8
8 19	20 19.15	−27 2.8	1.418	2.368	10.9	16.0
8 29	20 11.67	−26 52.8	1.482	2.366	14.9	16.3
9 8	20 7.39	−26 29.8	1.564	2.365	18.3	16.5

32852 1992 RE_7 7 30.6 271.°95 4.°2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.51	−27 44.2	1.812	2.715	12.1	19.4
7 10	20 59.89	−28 27.6	1.732	2.693	8.8	19.1
7 20	20 50.94	−29 9.1	1.675	2.671	5.5	18.9
7 30	20 40.47	−29 42.5	1.645	2.648	4.3	18.8
8 9	20 29.66	−30 2.4	1.642	2.625	6.8	18.9
8 19	20 19.74	−30 5.9	1.664	2.602	10.4	19.0
8 29	20 11.88	−29 52.9	1.709	2.579	14.0	19.2
9 8	20 6.82	−29 25.8	1.774	2.555	17.2	19.4

148416 2000 WQ_{73} 7 30.6 204.°10 1.°0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.38	−21 0.0	2.942	3.830	8.4	21.6
7 10	20 55.43	−21 24.6	2.867	3.825	5.9	21.5
7 20	20 48.24	−21 50.8	2.818	3.819	3.1	21.3
7 30	20 40.32	−22 15.9	2.799	3.813	1.0	21.1
8 9	20 32.31	−22 37.3	2.809	3.806	3.3	21.3
8 19	20 24.85	−22 53.3	2.848	3.798	6.1	21.4
8 29	20 18.53	−23 2.6	2.914	3.790	8.7	21.6
9 8	20 13.79	−23 5.1	3.003	3.782	10.9	21.8

505925 2015 EP_{63} 7 30.6 45.°56 4.°1/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.86	− 4 31.9	1.472	2.349	15.9	20.2
7 10	20 55.05	− 5 20.7	1.420	2.361	12.0	20.0
7 20	20 48.25	− 6 31.6	1.389	2.374	7.9	19.7
7 30	20 40.32	− 8 0.3	1.382	2.387	4.5	19.6
8 9	20 32.36	− 9 39.4	1.400	2.400	5.2	19.7
8 19	20 25.45	−11 20.8	1.444	2.414	8.9	19.9
8 29	20 20.50	−12 56.5	1.513	2.428	12.8	20.2
9 8	20 18.10	−14 21.0	1.602	2.443	16.1	20.4

80792 2000 CN_{86} 7 30.6 1.°38 8.°5/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.07	−35 35.7	0.995	1.918	17.7	16.8
7 10	21 1.84	−35 41.0	0.950	1.915	13.6	16.6
7 20	20 52.11	−35 28.7	0.923	1.913	9.9	16.4
7 30	20 40.52	−34 50.4	0.918	1.913	8.6	16.3
8 9	20 29.23	−33 43.3	0.933	1.915	10.8	16.4
8 19	20 20.18	−32 11.1	0.969	1.919	14.8	16.7
8 29	20 14.72	−30 21.6	1.025	1.924	18.8	16.9
9 8	20 13.32	−28 23.2	1.096	1.931	22.4	17.2

129338 Andrewlowman 7 30.6 311.°97 4.°1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.33	− 5 38.2	2.049	2.914	12.6	19.6
7 10	20 54.37	− 5 33.2	1.973	2.906	9.7	19.4
7 20	20 47.82	− 5 42.1	1.919	2.898	6.6	19.2
7 30	20 40.30	− 6 4.1	1.891	2.890	4.3	19.1
8 9	20 32.63	− 6 36.7	1.889	2.883	4.9	19.1
8 19	20 25.62	− 7 16.6	1.914	2.876	7.7	19.3
8 29	20 20.05	− 7 59.7	1.964	2.869	10.8	19.4
9 8	20 16.48	− 8 42.2	2.035	2.862	13.7	19.6

383978 2008 TK_{106} 7 30.6 224.°44 0.°4/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.38	−17 59.4	1.914	2.810	11.9	21.9
7 10	20 57.33	−18 26.1	1.844	2.805	8.4	21.6
7 20	20 49.42	−18 58.4	1.799	2.800	4.4	21.4
7 30	20 40.40	−19 32.4	1.780	2.795	0.4	21.1
8 9	20 31.23	−20 3.9	1.788	2.789	4.1	21.4
8 19	20 22.90	−20 29.6	1.823	2.783	8.2	21.6
8 29	20 16.30	−20 47.5	1.883	2.777	11.8	21.8
9 8	20 12.05	−20 56.7	1.964	2.770	14.9	22.0

398229 2010 PJ_{78} 7 30.6 317.°43 4.°8/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.98	−27 53.6	1.751	2.663	11.9	20.0
7 10	20 56.11	−29 1.7	1.671	2.636	8.7	19.7
7 20	20 49.00	−30 10.1	1.614	2.609	5.7	19.5
7 30	20 40.38	−31 11.5	1.583	2.583	5.0	19.4
8 9	20 31.35	−31 59.2	1.577	2.557	7.4	19.5
8 19	20 23.11	−32 28.8	1.596	2.531	11.0	19.6
8 29	20 16.81	−32 38.9	1.636	2.506	14.6	19.8
9 8	20 13.24	−32 30.9	1.696	2.481	17.7	19.9

423222 2004 RB_{204} 7 30.6 325.°03 1.°2/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.58	−21 9.7	1.004	1.931	17.2	20.4
7 10	20 59.52	−20 58.1	0.936	1.911	12.3	20.1
7 20	20 51.12	−20 49.0	0.887	1.892	6.6	19.7
7 30	20 40.50	−20 37.6	0.859	1.874	1.2	19.3
8 9	20 29.44	−20 19.6	0.853	1.857	6.5	19.6
8 19	20 19.84	−19 52.8	0.868	1.841	12.7	19.9
8 29	20 13.35	−19 17.3	0.902	1.826	18.3	20.1
9 8	20 10.88	−18 34.5	0.952	1.812	23.0	20.4

360955 2005 US_{95} 7 30.6 45.°51 10.°0/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.95	+13 29.0	2.295	3.044	14.9	20.4
7 10	20 53.98	+14 8.4	2.225	3.045	13.3	20.2
7 20	20 47.58	+14 24.6	2.173	3.046	11.6	20.1
7 30	20 40.31	+14 15.4	2.143	3.046	10.4	20.0
8 9	20 32.92	+13 41.2	2.136	3.047	10.0	20.0
8 19	20 26.15	+12 44.9	2.153	3.048	10.6	20.1
8 29	20 20.68	+11 31.3	2.193	3.049	11.9	20.1
9 8	20 17.05	+10 7.0	2.254	3.050	13.5	20.3

288981 2004 TH_{50} 7 30.6 261.°26 1.°6/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.37	−22 22.4	2.499	3.395	9.5	20.9
7 10	20 55.66	−22 48.0	2.420	3.382	6.6	20.7
7 20	20 48.46	−23 14.9	2.367	3.368	3.6	20.4
7 30	20 40.37	−23 39.8	2.341	3.353	1.6	20.3
8 9	20 32.12	−23 59.7	2.344	3.339	4.0	20.4
8 19	20 24.48	−24 12.3	2.375	3.325	7.1	20.6
8 29	20 18.19	−24 16.7	2.431	3.310	10.0	20.8
9 8	20 13.75	−24 12.7	2.509	3.295	12.6	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
213710	2002 UK_{38}		7 30.6	327.°15	6.°5/26.9	18
	h m	° ′			°	m
6 30	21 2.88	−31 24.6	1.442	2.359	13.7	19.9
7 10	20 57.78	−32 21.2	1.373	2.337	10.3	19.7
7 20	20 49.98	−33 12.7	1.326	2.317	7.4	19.5
7 30	20 40.45	−33 50.6	1.302	2.297	6.7	19.4
8 9	20 30.59	−34 8.1	1.302	2.278	9.2	19.5
8 19	20 21.90	−34 2.1	1.324	2.259	12.9	19.6
8 29	20 15.70	−33 33.6	1.367	2.242	16.6	19.8
9 8	20 12.78	−32 46.4	1.428	2.226	19.9	20.0
132274	2002 EB_{145}		7 30.6	188.°82	2.°3/29.3	18
6 30	21 5.48	−23 40.3	1.898	2.798	11.7	20.3
7 10	20 58.81	−24 8.6	1.835	2.798	8.3	20.1
7 20	20 50.19	−24 37.2	1.797	2.797	4.6	19.9
7 30	20 40.46	−25 1.4	1.785	2.796	2.4	19.8
8 9	20 30.66	−25 17.3	1.801	2.795	5.1	19.9
8 19	20 21.85	−25 22.6	1.844	2.794	8.8	20.2
8 29	20 14.94	−25 16.8	1.910	2.792	12.2	20.4
9 8	20 10.51	−25 1.1	1.998	2.790	15.1	20.6
206041	2002 QU_{61}		7 30.6	300.°05	1.°5/31.5	18
6 30	21 1.22	−13 3.9	1.766	2.658	12.9	20.2
7 10	20 55.96	−13 18.4	1.691	2.647	9.3	20.0
7 20	20 48.78	−13 43.1	1.639	2.636	5.3	19.7
7 30	20 40.39	−14 15.5	1.612	2.625	1.7	19.4
8 9	20 31.80	−14 51.5	1.612	2.615	4.1	19.6
8 19	20 24.01	−15 27.1	1.638	2.604	8.3	19.8
8 29	20 17.96	−15 58.9	1.688	2.594	12.2	20.0
9 8	20 14.30	−16 24.2	1.758	2.584	15.6	20.2
440287	2004 RY_{216}		7 30.6	289.°64	0.°7/30.2	17
6 30	21 3.20	−20 13.7	2.247	3.141	10.5	21.1
7 10	20 57.12	−20 17.0	2.156	3.117	7.4	20.9
7 20	20 49.32	−20 22.5	2.091	3.092	3.9	20.6
7 30	20 40.43	−20 27.3	2.053	3.067	0.7	20.3
8 9	20 31.30	−20 28.8	2.043	3.042	3.8	20.5
8 19	20 22.81	−20 25.3	2.060	3.018	7.5	20.7
8 29	20 15.79	−20 15.8	2.103	2.993	10.9	20.9
9 8	20 10.86	−20 0.1	2.168	2.968	13.9	21.0
165953	2001 XT_{18}		7 30.6	220.°80	1.°2/31.1	17
6 30	21 8.16	−15 47.1	1.436	2.334	15.0	20.0
7 10	21 1.10	−15 34.3	1.370	2.330	10.7	19.7
7 20	20 51.57	−15 28.8	1.327	2.327	5.9	19.4
7 30	20 40.55	−15 27.9	1.309	2.323	1.4	19.1
8 9	20 29.41	−15 28.5	1.316	2.319	4.9	19.3
8 19	20 19.49	−15 28.2	1.349	2.315	9.8	19.6
8 29	20 11.95	−15 24.9	1.405	2.310	14.3	19.9
9 8	20 7.48	−15 17.7	1.480	2.305	18.0	20.1
394484	2007 TK_{69}		7 30.6	250.°02	4.°0/27.7	18
6 30	21 4.54	−28 34.0	2.227	3.125	10.4	21.8
7 10	20 58.16	−29 23.5	2.151	3.109	7.5	21.6
7 20	20 49.91	−30 10.8	2.100	3.093	4.9	21.4
7 30	20 40.49	−30 50.5	2.077	3.076	4.0	21.3
8 9	20 30.84	−31 18.1	2.081	3.059	6.1	21.4
8 19	20 21.93	−31 31.3	2.112	3.042	9.1	21.5
8 29	20 14.68	−31 29.7	2.167	3.024	12.0	21.7
9 8	20 9.72	−31 14.8	2.243	3.005	14.6	21.9
366252	2012 XJ_{151}		7 30.6	244.°63	1.°5/31.4	18
6 30	21 4.20	−13 59.2	2.192	3.073	11.2	20.9
7 10	20 57.74	−13 47.2	2.110	3.061	8.1	20.7
7 20	20 49.61	−13 41.4	2.053	3.049	4.7	20.5
7 30	20 40.47	−13 40.1	2.024	3.037	1.6	20.3
8 9	20 31.16	−13 41.4	2.023	3.024	3.7	20.4
8 19	20 22.55	−13 43.5	2.050	3.011	7.3	20.6
8 29	20 15.45	−13 44.7	2.102	2.998	10.7	20.8
9 8	20 10.42	−13 43.6	2.177	2.984	13.6	20.9
238954	2006 BJ_{80}		7 30.6	109.°16	0.°6/30.2	17
6 30	21 2.51	−16 58.1	1.807	2.705	12.4	20.5
7 10	20 56.74	−17 53.1	1.751	2.713	8.6	20.3
7 20	20 49.12	−18 55.6	1.720	2.722	4.5	20.0
7 30	20 40.44	−20 0.1	1.715	2.730	0.6	19.8
8 9	20 31.71	−21 0.9	1.737	2.738	4.3	20.1
8 19	20 23.90	−21 53.5	1.786	2.745	8.4	20.3
8 29	20 17.90	−22 34.9	1.860	2.753	12.0	20.6
9 8	20 14.26	−23 4.2	1.954	2.760	15.0	20.8
444142	2004 VO_{41}		7 30.6	270.°72	0.°7/30.1	18
6 30	21 0.45	−18 59.9	2.461	3.354	9.7	21.8
7 10	20 55.07	−19 28.5	2.377	3.337	6.8	21.6
7 20	20 48.20	−20 1.2	2.318	3.319	3.6	21.4
7 30	20 40.40	−20 34.9	2.287	3.302	0.7	21.1
8 9	20 32.40	−21 6.1	2.285	3.284	3.6	21.3
8 19	20 24.97	−21 32.2	2.310	3.266	6.9	21.5
8 29	20 18.83	−21 51.4	2.361	3.248	10.0	21.7
9 8	20 14.51	−22 2.7	2.434	3.230	12.7	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
239463	2007 TX_{316}		7 30.6	36.°75	5.°9/26.9	17
	h m	° ′			°	m
6 30	21 3.70	−30 45.6	1.644	2.554	12.7	19.3
7 10	20 57.86	−31 58.3	1.599	2.561	9.4	19.1
7 20	20 49.80	−33 5.4	1.578	2.568	6.6	18.9
7 30	20 40.48	−33 59.1	1.583	2.575	6.0	18.9
8 9	20 31.15	−34 33.8	1.612	2.583	8.2	19.1
8 19	20 23.04	−34 47.2	1.665	2.591	11.3	19.3
8 29	20 17.16	−34 40.4	1.740	2.599	14.3	19.5
9 8	20 14.09	−34 16.5	1.834	2.608	17.0	19.7
6503	1994 CP		7 30.6	272.°62	0.°2/30.7	18
6 30	21 1.20	−15 53.4	1.963	2.857	11.7	17.6
7 10	20 55.77	−16 23.5	1.894	2.854	8.3	17.3
7 20	20 48.62	−17 1.1	1.850	2.851	4.4	17.1
7 30	20 40.43	−17 42.4	1.832	2.847	0.4	16.8
8 9	20 32.12	−18 23.4	1.842	2.844	3.8	17.1
8 19	20 24.58	−19 0.2	1.878	2.840	7.8	17.3
8 29	20 18.66	−19 30.1	1.939	2.837	11.3	17.5
9 8	20 14.92	−19 51.7	2.021	2.834	14.3	17.7
21799	Ciociaria		7 30.6	329.°08	8.°6/ 6.2	18
6 30	20 57.65	+ 7 4.1	1.977	2.783	15.2	18.1
7 10	20 53.30	+ 7 22.9	1.899	2.774	13.0	18.0
7 20	20 47.33	+ 7 18.3	1.841	2.765	10.7	17.8
7 30	20 40.36	+ 6 49.0	1.805	2.757	9.1	17.7
8 9	20 33.20	+ 5 56.1	1.793	2.749	8.7	17.7
8 19	20 26.68	+ 4 43.8	1.806	2.742	9.9	17.7
8 29	20 21.60	+ 3 18.1	1.842	2.735	12.1	17.8
9 8	20 18.53	+ 1 46.2	1.900	2.728	14.5	18.0
340433	2006 FC_{46}		7 30.6	79.°97	6.°9/ 4.7	17
6 30	21 1.72	+ 2 8.9	1.800	2.633	15.4	20.7
7 10	20 56.03	+ 2 13.3	1.750	2.653	12.5	20.6
7 20	20 48.68	+ 1 55.7	1.720	2.672	9.5	20.4
7 30	20 40.43	+ 1 16.8	1.714	2.692	7.3	20.4
8 9	20 32.23	+ 0 19.9	1.734	2.711	7.2	20.4
8 19	20 24.96	− 0 49.5	1.779	2.730	9.0	20.5
8 29	20 19.39	− 2 5.3	1.849	2.749	11.7	20.7
9 8	20 16.03	− 3 21.1	1.941	2.768	14.3	21.0
414393	2008 YK_{149}		7 30.6	307.°91	1.°3/29.9	17
6 30	21 2.99	−18 41.1	1.098	2.020	16.5	21.3
7 10	20 58.34	−19 18.4	1.024	1.998	11.8	21.0
7 20	20 50.55	−20 6.8	0.970	1.975	6.3	20.6
7 30	20 40.57	−20 59.6	0.938	1.953	1.3	20.2
8 9	20 29.96	−21 48.4	0.928	1.931	6.5	20.5
8 19	20 20.51	−22 26.2	0.941	1.909	12.5	20.7
8 29	20 13.85	−22 48.8	0.972	1.889	18.0	21.0
9 8	20 11.01	−22 55.3	1.020	1.869	22.7	21.2
86174	1999 RV_{212}		7 30.6	348.°04	1.°2/29.9	18
6 30	21 2.94	−21 36.7	1.880	2.783	11.7	18.7
7 10	20 57.03	−21 40.6	1.815	2.779	8.2	18.5
7 20	20 49.28	−21 46.0	1.774	2.776	4.4	18.2
7 30	20 40.49	−21 49.4	1.759	2.773	1.2	18.0
8 9	20 31.65	−21 47.9	1.771	2.770	4.4	18.2
8 19	20 23.74	−21 39.9	1.809	2.768	8.3	18.5
8 29	20 17.63	−21 24.9	1.872	2.767	11.8	18.7
9 8	20 13.88	−21 3.2	1.956	2.765	14.8	18.9
360915	2005 SS_{282}		7 30.6	258.°86	1.°5/29.5	18
6 30	21 1.33	−21 5.4	2.228	3.126	10.3	21.3
7 10	20 55.79	−21 42.4	2.155	3.118	7.2	21.1
7 20	20 48.63	−22 22.3	2.107	3.109	3.9	20.8
7 30	20 40.48	−23 1.2	2.087	3.100	1.5	20.7
8 9	20 32.19	−23 35.2	2.095	3.091	4.2	20.8
8 19	20 24.59	−24 1.3	2.129	3.082	7.6	21.0
8 29	20 18.46	−24 17.9	2.189	3.073	10.8	21.2
9 8	20 14.36	−24 24.7	2.271	3.064	13.5	21.4
215781	2004 HL_{73}		7 30.6	27.°62	1.°1/29.9	18
6 30	21 1.68	−19 54.6	1.789	2.694	12.1	20.3
7 10	20 56.18	−20 22.6	1.733	2.699	8.5	20.1
7 20	20 48.86	−20 54.6	1.701	2.704	4.4	19.9
7 30	20 40.50	−21 26.3	1.695	2.709	1.1	19.7
8 9	20 32.12	−21 53.2	1.715	2.715	4.5	19.9
8 19	20 24.70	−22 12.6	1.761	2.721	8.4	20.2
8 29	20 19.11	−22 22.8	1.831	2.727	12.0	20.4
9 8	20 15.87	−22 23.6	1.922	2.734	15.0	20.6
437121	2012 UL_{137}		7 30.6	342.°79	0.°5/30.8	17
6 30	21 0.61	−16 4.9	1.351	2.263	14.8	21.0
7 10	20 55.96	−16 19.4	1.286	2.254	10.5	20.7
7 20	20 48.96	−16 43.6	1.243	2.245	5.7	20.4
7 30	20 40.51	−17 13.5	1.223	2.238	0.7	20.0
8 9	20 31.86	−17 44.1	1.227	2.231	4.9	20.3
8 19	20 24.29	−18 10.6	1.255	2.225	9.9	20.6
8 29	20 18.95	−18 30.0	1.305	2.220	14.4	20.8
9 8	20 16.54	−18 40.1	1.373	2.216	18.2	21.1

23307 Alexramek 7 30.6 315.°61 3.°2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.52	− 8 46.4	1.259	2.157	16.6	18.6
7 10	20 56.08	− 9 15.6	1.188	2.145	12.4	18.3
7 20	20 49.13	−10 5.8	1.138	2.133	7.6	18.0
7 30	20 40.53	−11 13.8	1.110	2.121	3.5	17.7
8 9	20 31.56	−12 32.7	1.106	2.109	5.4	17.8
8 19	20 23.59	−13 54.4	1.125	2.098	10.4	18.0
8 29	20 17.91	−15 11.0	1.167	2.088	15.2	18.3
9 8	20 15.35	−16 16.7	1.227	2.078	19.4	18.5

359449 2010 NV_{11} 7 30.6 212.°31 5.°4/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.18	−34 18.6	2.247	3.141	10.5	20.7
7 10	20 58.52	−34 59.8	2.191	3.140	8.0	20.6
7 20	20 50.05	−35 33.4	2.159	3.139	6.0	20.4
7 30	20 40.57	−35 54.4	2.154	3.138	5.6	20.4
8 9	20 31.09	−35 59.3	2.176	3.137	7.1	20.5
8 19	20 22.56	−35 47.3	2.223	3.136	9.5	20.6
8 29	20 15.83	−35 19.6	2.295	3.135	12.0	20.8
9 8	20 11.44	−34 39.2	2.386	3.133	14.2	21.0

22792 1999 NU 7 30.6 317.°24 2.°6/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.31	−13 31.9	1.228	2.134	16.4	18.3
7 10	20 58.82	−13 7.0	1.158	2.120	12.0	18.0
7 20	20 50.60	−12 52.8	1.107	2.106	7.1	17.7
7 30	20 40.62	−12 47.7	1.080	2.093	2.8	17.4
8 9	20 30.31	−12 49.1	1.076	2.080	5.6	17.5
8 19	20 21.17	−12 53.7	1.096	2.067	10.8	17.8
8 29	20 14.53	−12 58.4	1.137	2.056	15.7	18.0
9 8	20 11.22	−13 0.4	1.195	2.045	20.0	18.2

349709 2008 YY_3 7 30.6 330.°41 4.°6/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 2.78	−27 8.5	1.528	2.443	13.2	20.8
7 10	20 57.46	−28 2.7	1.466	2.433	9.5	20.6
7 20	20 49.75	−28 55.8	1.426	2.424	6.0	20.4
7 30	20 40.57	−29 40.3	1.411	2.415	4.7	20.3
8 9	20 31.20	−30 10.2	1.421	2.407	7.3	20.4
8 19	20 22.95	−30 22.1	1.454	2.399	11.2	20.6
8 29	20 16.94	−30 15.8	1.510	2.392	14.9	20.8
9 8	20 13.88	−29 53.5	1.584	2.385	18.1	21.0

31559 Alonmillet 7 30.6 208.°78 0.°7/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.17	−16 59.8	1.521	2.423	14.0	19.0
7 10	20 59.04	−17 54.3	1.456	2.420	9.9	18.8
7 20	20 50.56	−18 58.5	1.414	2.416	5.2	18.5
7 30	20 40.62	−20 6.1	1.397	2.412	0.7	18.2
8 9	20 30.45	−21 10.1	1.407	2.408	5.0	18.5
8 19	20 21.32	−22 4.7	1.442	2.403	9.8	18.7
8 29	20 14.37	−22 46.4	1.501	2.398	14.1	19.0
9 8	20 10.30	−23 14.0	1.579	2.392	17.6	19.2

152471 2005 WE_1 7 30.6 147.°71 3.°8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.37	−29 45.6	2.313	3.210	10.1	20.5
7 10	20 57.83	−30 13.4	2.255	3.211	7.3	20.3
7 20	20 49.65	−30 36.6	2.222	3.213	4.8	20.2
7 30	20 40.57	−30 51.2	2.216	3.215	3.9	20.1
8 9	20 31.50	−30 54.2	2.238	3.216	5.6	20.2
8 19	20 23.31	−30 44.6	2.286	3.218	8.4	20.4
8 29	20 16.78	−30 22.9	2.359	3.219	11.0	20.6
9 8	20 12.39	−29 51.0	2.454	3.221	13.3	20.8

360 Carlova 7 30.6 265.°24 0.°4/30.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 59.97	−14 14.2	2.299	3.185	10.6	13.5
7 10	20 54.84	−15 0.2	2.214	3.170	7.5	13.3
7 20	20 48.16	−15 55.2	2.155	3.154	4.1	13.0
7 30	20 40.49	−16 55.6	2.123	3.138	0.6	12.7
8 9	20 32.59	−17 57.1	2.120	3.122	3.4	12.9
8 19	20 25.23	−18 55.5	2.145	3.106	7.1	13.1
8 29	20 19.18	−19 47.4	2.195	3.089	10.4	13.3
9 8	20 15.03	−20 30.5	2.269	3.073	13.2	13.5

247369 2001 XH_{61} 7 30.6 300.°47 5.°9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 2.28	−30 29.7	1.878	2.785	11.5	20.0
7 10	20 57.05	−32 10.0	1.804	2.763	8.7	19.8
7 20	20 49.58	−33 49.4	1.754	2.741	6.4	19.6
7 30	20 40.58	−35 19.2	1.731	2.718	6.2	19.5
8 9	20 31.13	−36 31.9	1.734	2.696	8.4	19.6
8 19	20 22.41	−37 22.6	1.762	2.675	11.5	19.8
8 29	20 15.59	−37 50.0	1.812	2.653	14.6	19.9
9 8	20 11.47	−37 56.1	1.880	2.631	17.3	20.1

144927 2005 CF_{52} 7 30.6 72.°11 0.°4/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 6.40	−16 3.0	1.321	2.225	15.5	20.3
7 10	20 59.78	−16 20.6	1.278	2.242	10.9	20.1
7 20	20 50.83	−16 47.1	1.257	2.259	5.8	19.8
7 30	20 40.64	−17 17.5	1.261	2.276	0.6	19.5
8 9	20 30.61	−17 46.8	1.289	2.292	4.9	19.9
8 19	20 22.02	−18 10.9	1.342	2.309	9.7	20.2
8 29	20 15.90	−18 27.3	1.418	2.326	14.0	20.5
9 8	20 12.79	−18 35.0	1.513	2.343	17.5	20.8

287846 2003 SD_{231} 7 30.6 290.°42 2.°0/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.28	−11 10.0	1.362	2.260	15.6	20.4
7 10	20 57.22	−11 44.8	1.290	2.248	11.4	20.1
7 20	20 49.71	−12 36.8	1.239	2.237	6.6	19.8
7 30	20 40.59	−13 42.0	1.212	2.226	2.2	19.5
8 9	20 31.13	−14 53.4	1.210	2.214	5.0	19.7
8 19	20 22.64	−16 4.0	1.233	2.203	10.0	19.9
8 29	20 16.37	−17 7.4	1.278	2.192	14.7	20.2
9 8	20 13.11	−17 59.4	1.342	2.181	18.7	20.4

122429 2000 QC_{109} 7 30.6 304.°17 1.°6/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.13	−10 52.4	1.517	2.413	14.5	19.7
7 10	20 55.58	−11 46.9	1.438	2.395	10.6	19.5
7 20	20 48.81	−12 59.4	1.380	2.378	6.1	19.2
7 30	20 40.54	−14 25.4	1.347	2.361	1.8	18.8
8 9	20 31.88	−15 57.5	1.340	2.344	4.6	19.0
8 19	20 24.00	−17 27.9	1.358	2.327	9.4	19.2
8 29	20 18.06	−18 49.7	1.400	2.311	13.9	19.4
9 8	20 14.84	−19 58.2	1.462	2.295	17.8	19.7

282005 2011 HS_{52} 7 30.6 106.°26 4.°7/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.71	− 2 54.2	1.834	2.689	14.2	20.5
7 10	20 56.10	− 3 16.8	1.775	2.701	11.0	20.3
7 20	20 48.80	− 3 58.0	1.739	2.713	7.6	20.1
7 30	20 40.54	− 4 55.7	1.728	2.725	5.0	20.0
8 9	20 32.25	− 6 5.5	1.743	2.737	5.3	20.0
8 19	20 24.82	− 7 21.6	1.786	2.748	8.1	20.2
8 29	20 19.06	− 8 38.1	1.853	2.759	11.3	20.4
9 8	20 15.50	− 9 50.0	1.943	2.770	14.2	20.7

315889 2008 KH_{31} 7 30.6 24.°28 3.°0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	20 58.65	− 7 23.1	2.082	2.953	12.1	20.6
7 10	20 53.88	− 7 44.6	2.016	2.956	9.1	20.4
7 20	20 47.61	− 8 19.4	1.973	2.959	5.8	20.2
7 30	20 40.48	− 9 5.4	1.956	2.962	3.2	20.0
8 9	20 33.26	− 9 58.9	1.966	2.966	4.1	20.1
8 19	20 26.74	−10 55.5	2.004	2.969	7.1	20.3
8 29	20 21.63	−11 51.1	2.067	2.973	10.3	20.5
9 8	20 18.45	−12 42.1	2.152	2.977	13.1	20.7

436946 2012 TO_{138} 7 30.6 340.°06 3.°9/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.47	−26 22.3	1.494	2.407	13.5	20.8
7 10	20 58.60	−26 57.1	1.434	2.402	9.7	20.5
7 20	20 50.33	−27 30.2	1.397	2.397	5.8	20.3
7 30	20 40.64	−27 55.2	1.385	2.392	4.0	20.2
8 9	20 30.85	−28 7.0	1.398	2.388	6.8	20.3
8 19	20 22.27	−28 3.2	1.434	2.385	10.8	20.5
8 29	20 16.04	−27 44.2	1.493	2.382	14.6	20.8
9 8	20 12.79	−27 12.3	1.571	2.379	17.9	21.0

96485 1998 HE_{147} 7 30.6 168.°98 4.°6/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.93	−28 30.4	2.022	2.923	11.1	19.0
7 10	20 58.53	−29 50.7	1.967	2.926	8.1	18.9
7 20	20 50.17	−31 8.7	1.937	2.929	5.4	18.7
7 30	20 40.63	−32 17.3	1.935	2.931	4.7	18.7
8 9	20 30.96	−33 11.0	1.960	2.933	6.8	18.8
8 19	20 22.19	−33 46.6	2.011	2.934	9.8	19.0
8 29	20 15.26	−34 3.8	2.086	2.935	12.7	19.2
9 8	20 10.79	−34 4.5	2.180	2.936	15.1	19.4

104071 2000 ET_{23} 7 30.6 19.°75 1.°5/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.43	−13 47.3	1.178	2.091	16.4	18.5
7 10	20 56.59	−14 2.0	1.130	2.097	11.8	18.3
7 20	20 49.29	−14 30.0	1.102	2.103	6.5	18.0
7 30	20 40.58	−15 6.9	1.096	2.110	1.7	17.7
8 9	20 31.87	−15 46.8	1.114	2.119	5.1	18.0
8 19	20 24.51	−16 24.0	1.155	2.128	10.2	18.3
8 29	20 19.62	−16 54.4	1.217	2.138	14.8	18.6
9 8	20 17.80	−17 15.3	1.298	2.149	18.6	18.9

238710 Halassy 7 30.6 353.°35 3.°1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.05	−24 34.3	1.678	2.588	12.5	20.5
7 10	20 57.38	−25 17.0	1.619	2.586	8.8	20.3
7 20	20 49.60	−26 0.1	1.584	2.584	5.1	20.1
7 30	20 40.60	−26 37.8	1.574	2.583	3.2	20.0
8 9	20 31.52	−27 4.9	1.591	2.583	5.9	20.1
8 19	20 23.48	−27 18.6	1.632	2.582	9.8	20.4
8 29	20 17.48	−27 18.2	1.697	2.582	13.3	20.6
9 8	20 14.12	−27 5.0	1.781	2.582	16.4	20.8

257279 2009 HY_7 7 30.6 330.°09 5.°6/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.44	−25 10.7	1.069	2.001	16.0	19.4
7 10	20 56.61	−26 40.7	1.008	1.984	11.5	19.1
7 20	20 49.66	−28 16.1	0.966	1.968	7.2	18.8
7 30	20 40.62	−29 44.9	0.947	1.953	5.8	18.7
8 9	20 31.11	−30 55.3	0.950	1.939	9.4	18.9
8 19	20 22.94	−31 39.9	0.974	1.926	14.3	19.1
8 29	20 17.68	−31 56.6	1.016	1.915	19.0	19.3
9 8	20 16.27	−31 47.7	1.073	1.904	23.0	19.5

240123 2002 FD_{24} 7 30.6 208.°29 3.°7/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.52	− 6 34.4	1.835	2.705	13.6	20.8
7 10	20 56.09	− 6 48.8	1.765	2.703	10.3	20.6
7 20	20 48.87	− 7 18.8	1.717	2.702	6.7	20.3
7 30	20 40.57	− 8 2.4	1.695	2.700	3.9	20.2
8 9	20 32.11	− 8 55.7	1.700	2.698	4.8	20.2
8 19	20 24.45	− 9 54.0	1.731	2.696	8.1	20.4
8 29	20 18.45	−10 52.2	1.787	2.694	11.6	20.6
9 8	20 14.70	−11 46.2	1.864	2.691	14.8	20.8

449613 2014 JA_{73} 7 30.6 330.°70 5.°8/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.39	− 2 12.2	1.886	2.740	13.9	20.5
7 10	20 54.58	− 1 51.7	1.811	2.732	11.1	20.3
7 20	20 48.07	− 1 48.2	1.757	2.724	8.2	20.1
7 30	20 40.53	− 2 1.9	1.728	2.717	6.1	19.9
8 9	20 32.80	− 2 31.1	1.725	2.710	6.3	19.9
8 19	20 25.79	− 3 12.2	1.746	2.704	8.7	20.1
8 29	20 20.31	− 4 0.6	1.792	2.697	11.7	20.2
9 8	20 16.96	− 4 51.2	1.859	2.692	14.6	20.4

285498 2000 DU_{20} 7 30.6 121.°66 0.°0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.60	−17 19.7	1.691	2.586	13.2	20.9
7 10	20 59.66	−17 34.8	1.637	2.597	9.3	20.7
7 20	20 50.72	−17 55.7	1.607	2.608	4.9	20.4
7 30	20 40.68	−18 18.5	1.604	2.619	0.3	20.1
8 9	20 30.70	−18 39.2	1.627	2.629	4.3	20.4
8 19	20 21.84	−18 55.0	1.677	2.639	8.6	20.7
8 29	20 15.03	−19 4.1	1.751	2.648	12.4	21.0
9 8	20 10.82	−19 5.9	1.846	2.658	15.5	21.2

476936 2008 WX_{129} 7 30.6 247.°08 10.°5/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.58	+ 8 47.4	1.940	2.726	16.1	20.7
7 10	20 57.52	+10 4.5	1.868	2.722	14.0	20.5
7 20	20 49.64	+10 59.6	1.817	2.719	12.1	20.4
7 30	20 40.63	+11 29.1	1.788	2.715	10.8	20.3
8 9	20 31.39	+11 32.0	1.783	2.711	10.6	20.3
8 19	20 22.88	+11 10.1	1.801	2.707	11.7	20.4
8 29	20 15.99	+10 28.2	1.842	2.703	13.6	20.5
9 8	20 11.33	+ 9 32.9	1.903	2.699	15.6	20.6

190647 2000 XH_{24} 7 30.6 242.°77 3.°8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.87	−28 3.8	2.046	2.943	11.2	20.3
7 10	20 59.93	−28 40.4	1.971	2.930	8.1	20.1
7 20	20 50.95	−29 14.3	1.921	2.915	5.1	19.9
7 30	20 40.72	−29 40.0	1.898	2.901	3.9	19.8
8 9	20 30.29	−29 53.3	1.903	2.886	6.1	19.9
8 19	20 20.73	−29 52.3	1.934	2.870	9.4	20.0
8 29	20 13.03	−29 37.1	1.989	2.854	12.6	20.2
9 8	20 7.83	−29 9.7	2.065	2.837	15.4	20.4

392161 2009 HM_{99} 7 30.6 359.°95 6.°0/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.07	−32 11.8	1.783	2.690	12.0	20.1
7 10	20 57.44	−33 17.8	1.731	2.689	9.1	19.9
7 20	20 49.66	−34 17.6	1.702	2.688	6.6	19.8
7 30	20 40.64	−35 4.2	1.699	2.688	6.2	19.8
8 9	20 31.54	−35 32.4	1.721	2.688	8.1	19.9
8 19	20 23.52	−35 40.0	1.768	2.689	11.0	20.1
8 29	20 17.58	−35 28.0	1.836	2.690	14.0	20.3
9 8	20 14.33	−34 59.3	1.923	2.691	16.5	20.5

280074 2002 CP_{225} 7 30.6 187.°71 1.°9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.87	−22 20.8	2.206	3.101	10.6	21.3
7 10	20 58.28	−23 2.8	2.140	3.101	7.4	21.1
7 20	20 49.98	−23 46.6	2.099	3.100	4.0	20.9
7 30	20 40.67	−24 27.5	2.086	3.098	2.0	20.8
8 9	20 31.24	−25 1.6	2.102	3.095	4.5	21.0
8 19	20 22.61	−25 26.0	2.145	3.093	7.9	21.2
8 29	20 15.58	−25 39.6	2.214	3.089	11.1	21.4
9 8	20 10.72	−25 42.6	2.304	3.085	13.7	21.5

508144 2015 FR_{75} 7 30.6 140.°44 3.°2/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.14	−25 43.8	1.958	2.858	11.5	21.6
7 10	20 59.26	−26 27.6	1.906	2.867	8.1	21.5
7 20	20 50.50	−27 9.9	1.878	2.875	4.8	21.3
7 30	20 40.70	−27 45.6	1.876	2.883	3.3	21.2
8 9	20 30.90	−28 10.2	1.903	2.890	5.6	21.4
8 19	20 22.12	−28 21.6	1.956	2.898	8.9	21.6
8 29	20 15.24	−28 19.8	2.033	2.904	12.1	21.8
9 8	20 10.81	−28 6.4	2.131	2.910	14.7	22.0

512576 2016 SP_{35} 7 30.6 261.°81 6.°0/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.48	−36 28.4	2.194	3.069	11.5	21.3
7 10	21 6.77	−36 46.9	2.104	3.042	8.9	21.1
7 20	20 54.61	−36 54.3	2.040	3.014	6.7	20.9
7 30	20 40.95	−36 44.2	2.004	2.985	6.1	20.9
8 9	20 27.07	−36 13.0	1.996	2.955	7.7	20.9
8 19	20 14.29	−35 20.8	2.016	2.925	10.5	21.0
8 29	20 3.76	−34 10.8	2.061	2.894	13.4	21.2
9 8	19 56.17	−32 48.1	2.128	2.862	16.1	21.3

49669 1999 RZ_{30} 7 30.6 69.°50 10.°1/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 26.49	−39 19.0	0.968	1.869	20.2	16.9
7 10	21 14.90	−39 12.1	0.926	1.876	15.8	16.7
7 20	20 59.03	−38 38.5	0.902	1.883	11.8	16.5
7 30	20 41.19	−37 28.2	0.901	1.890	10.1	16.4
8 9	20 24.32	−35 40.6	0.922	1.897	12.0	16.5
8 19	20 10.82	−33 25.2	0.965	1.904	16.0	16.8
8 29	20 2.08	−30 55.7	1.029	1.912	20.1	17.1
9 8	19 58.33	−28 24.3	1.109	1.919	23.7	17.4

332466 2008 DV_{43} 7 30.6 73.°61 1.°5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.44	−19 46.8	1.420	2.329	14.4	20.7
7 10	20 59.12	−20 29.2	1.376	2.343	10.0	20.5
7 20	20 50.53	−21 16.7	1.354	2.357	5.2	20.3
7 30	20 40.71	−22 2.8	1.357	2.371	1.5	20.0
8 9	20 30.97	−22 41.6	1.386	2.385	5.3	20.3
8 19	20 22.57	−23 9.3	1.439	2.399	9.9	20.6
8 29	20 16.51	−23 24.3	1.515	2.413	13.9	20.9
9 8	20 13.35	−23 27.1	1.611	2.427	17.2	21.2

483814 2005 WK_{99} 7 30.6 309.°07 0.°2/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.85	−17 11.5	1.866	2.766	12.0	21.4
7 10	20 55.88	−17 37.3	1.774	2.736	8.5	21.1
7 20	20 48.92	−18 10.6	1.705	2.707	4.6	20.8
7 30	20 40.63	−18 47.8	1.662	2.677	0.3	20.4
8 9	20 31.95	−19 24.6	1.646	2.648	4.2	20.7
8 19	20 23.89	−19 57.0	1.656	2.619	8.6	20.9
8 29	20 17.47	−20 21.9	1.690	2.591	12.6	21.1
9 8	20 13.42	−20 37.7	1.745	2.562	16.0	21.2

335573 2006 CQ_{47} 7 30.6 320.°80 0.°1/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.61	−16 20.6	1.497	2.404	13.9	20.5
7 10	20 56.58	−16 56.5	1.430	2.395	9.9	20.2
7 20	20 49.32	−17 42.2	1.384	2.386	5.3	19.9
7 30	20 40.65	−18 33.0	1.363	2.378	0.3	19.5
8 9	20 31.75	−19 22.7	1.367	2.370	4.7	19.9
8 19	20 23.82	−20 6.2	1.396	2.362	9.5	20.1
8 29	20 17.96	−20 39.8	1.448	2.355	13.8	20.4
9 8	20 14.87	−21 1.9	1.520	2.348	17.4	20.6

514501 2016 WS_{23} 7 30.6 171.°92 2.°7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.67	−27 48.0	2.749	3.639	8.9	21.5
7 10	20 57.83	−28 3.2	2.686	3.642	6.4	21.3
7 20	20 49.62	−28 15.2	2.649	3.644	3.9	21.2
7 30	20 40.67	−28 21.0	2.641	3.645	2.7	21.1
8 9	20 31.73	−28 18.4	2.662	3.647	4.4	21.2
8 19	20 23.53	−28 6.4	2.711	3.648	7.0	21.4
8 29	20 16.73	−27 45.6	2.787	3.649	9.5	21.6
9 8	20 11.76	−27 17.0	2.885	3.649	11.6	21.7

144088 2004 BV_{54} 7 30.6 261.°77 1.°6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.62	−19 41.1	1.552	2.458	13.6	20.6
7 10	20 58.75	−20 28.3	1.480	2.446	9.6	20.3
7 20	20 50.50	−21 22.2	1.432	2.435	5.1	20.0
7 30	20 40.73	−22 16.8	1.409	2.423	1.6	19.8
8 9	20 30.66	−23 5.6	1.412	2.411	5.4	20.0
8 19	20 21.56	−23 43.7	1.440	2.399	10.0	20.2
8 29	20 14.60	−24 8.5	1.492	2.386	14.3	20.5
9 8	20 10.53	−24 19.7	1.562	2.374	17.8	20.7

437567 2014 AM_{14} 7 30.6 204.°21 4.°9/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.75	−29 48.7	1.980	2.880	11.3	21.3
7 10	20 59.18	−30 53.3	1.920	2.877	8.3	21.1
7 20	20 50.57	−31 54.4	1.884	2.874	5.7	20.9
7 30	20 40.73	−32 45.2	1.875	2.870	5.0	20.9
8 9	20 30.74	−33 20.5	1.893	2.866	7.0	21.0
8 19	20 21.70	−33 38.0	1.937	2.861	10.0	21.2
8 29	20 14.57	−33 37.7	2.004	2.856	13.0	21.4
9 8	20 10.01	−33 22.0	2.091	2.851	15.6	21.5

54548 2000 QO_{76} 7 30.6 23.°87 2.°3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.43	−24 18.8	1.928	2.830	11.5	18.6
7 10	20 58.07	−24 32.6	1.869	2.832	8.1	18.4
7 20	20 49.89	−24 45.5	1.833	2.834	4.5	18.2
7 30	20 40.69	−24 53.8	1.825	2.836	2.3	18.0
8 9	20 31.49	−24 54.1	1.843	2.838	4.9	18.2
8 19	20 23.28	−24 45.2	1.888	2.840	8.5	18.4
8 29	20 16.91	−24 26.9	1.957	2.843	11.8	18.6
9 8	20 12.92	−24 0.5	2.048	2.846	14.6	18.8

172169 2002 OY_2 7 30.6 326.°29 7.°9/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.42	+ 2 8.9	1.524	2.374	16.9	19.2
7 10	20 53.63	+ 2 11.4	1.442	2.356	13.9	19.0
7 20	20 47.78	+ 1 47.4	1.379	2.338	10.8	18.7
7 30	20 40.57	+ 0 55.6	1.338	2.320	8.4	18.5
8 9	20 33.01	− 0 21.3	1.321	2.304	8.2	18.5
8 19	20 26.19	− 1 57.0	1.327	2.288	10.5	18.6
8 29	20 21.15	− 3 42.9	1.356	2.273	13.9	18.7
9 8	20 18.67	− 5 29.7	1.405	2.259	17.3	18.9

11801 Frigeri 7 30.6 234.°28 4.°0/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.54	− 5 10.0	2.387	3.240	11.4	18.2
7 10	20 55.11	− 4 58.6	2.308	3.234	8.8	18.1
7 20	20 48.28	− 4 59.1	2.254	3.228	6.1	17.9
7 30	20 40.61	− 5 11.0	2.225	3.222	4.2	17.8
8 9	20 32.80	− 5 32.6	2.225	3.215	4.6	17.8
8 19	20 25.58	− 6 1.3	2.251	3.209	7.0	17.9
8 29	20 19.63	− 6 33.9	2.304	3.202	9.8	18.1
9 8	20 15.44	− 7 7.2	2.380	3.195	12.3	18.2

96828 1999 RT_{187} 7 30.6 213.°58 3.°6/ 2.6 18

6 30	21 1.42	− 4 21.6	2.363	3.211	11.7	20.3
7 10	20 55.79	− 4 46.2	2.279	3.204	9.0	20.1
7 20	20 48.67	− 5 25.4	2.220	3.195	6.1	19.9
7 30	20 40.64	− 6 17.4	2.187	3.186	3.9	19.8
8 9	20 32.42	− 7 19.0	2.183	3.177	4.3	19.8
8 19	20 24.75	− 8 26.0	2.207	3.167	7.0	19.9
8 29	20 18.36	− 9 34.1	2.258	3.156	9.9	20.1
9 8	20 13.78	−10 39.2	2.332	3.144	12.6	20.3

172330 2002 VH_{18} 7 30.6 274.°82 3.°8/28.1 18

6 30	21 3.48	−26 50.6	1.935	2.839	11.4	20.1
7 10	20 57.60	−27 41.4	1.869	2.832	8.1	19.9
7 20	20 49.75	−28 31.1	1.828	2.824	5.0	19.7
7 30	20 40.71	−29 13.8	1.813	2.817	3.9	19.6
8 9	20 31.51	−29 44.8	1.825	2.809	6.1	19.7
8 19	20 23.19	−30 1.1	1.862	2.801	9.5	19.9
8 29	20 16.70	−30 2.3	1.924	2.794	12.7	20.1
9 8	20 12.67	−29 49.8	2.005	2.786	15.5	20.3

490241 2008 WA_{47} 7 30.6 300.°82 4.°3/28.0 18

6 30	21 3.39	−26 8.5	1.603	2.515	12.9	21.7
7 10	20 57.97	−27 10.3	1.530	2.497	9.3	21.4
7 20	20 50.14	−28 13.2	1.480	2.478	5.7	21.2
7 30	20 40.74	−29 9.6	1.456	2.460	4.4	21.1
8 9	20 30.98	−29 52.8	1.456	2.443	7.1	21.2
8 19	20 22.18	−30 18.4	1.482	2.425	11.1	21.4
8 29	20 15.51	−30 25.2	1.529	2.408	14.9	21.6
9 8	20 11.77	−30 15.0	1.595	2.391	18.2	21.7

61156 2000 NJ_{14} 7 30.6 169.°71 0.°3/30.5 18

6 30	21 6.81	−18 52.1	1.903	2.796	12.1	18.6
7 10	20 59.74	−18 55.7	1.839	2.799	8.5	18.3
7 20	20 50.79	−19 2.7	1.800	2.801	4.5	18.1
7 30	20 40.77	−19 10.1	1.788	2.803	0.4	17.8
8 9	20 30.72	−19 14.7	1.803	2.804	4.1	18.1
8 19	20 21.66	−19 14.7	1.846	2.805	8.1	18.3
8 29	20 14.46	−19 9.1	1.913	2.806	11.7	18.6
9 8	20 9.68	−18 57.7	2.003	2.806	14.7	18.8

504873 2010 VU_{47} 7 30.6 229.°57 0.°4/30.9 17

6 30	21 5.84	−15 55.3	1.789	2.681	12.8	22.7
7 10	20 59.32	−16 14.3	1.713	2.671	9.1	22.4
7 20	20 50.70	−16 41.1	1.660	2.660	5.0	22.1
7 30	20 40.78	−17 11.9	1.634	2.649	0.6	21.8
8 9	20 30.60	−17 42.6	1.635	2.637	4.2	22.1
8 19	20 21.28	−18 9.5	1.662	2.624	8.6	22.3
8 29	20 13.83	−18 30.1	1.714	2.611	12.6	22.5
9 8	20 8.93	−18 42.9	1.787	2.598	16.0	22.7

204516 2005 EH_{21} 7 30.6 218.°26 1.°9/29.3 18

6 30	21 4.12	−22 27.6	2.247	3.143	10.4	21.5
7 10	20 57.80	−23 3.6	2.174	3.135	7.3	21.3
7 20	20 49.77	−23 41.2	2.126	3.127	4.0	21.1
7 30	20 40.72	−24 16.4	2.106	3.118	1.9	20.9
8 9	20 31.51	−24 45.1	2.114	3.109	4.4	21.1
8 19	20 23.03	−25 4.9	2.150	3.099	7.8	21.3
8 29	20 16.09	−25 14.4	2.212	3.089	11.0	21.5
9 8	20 11.26	−25 14.0	2.294	3.078	13.7	21.6

312690 2010 NE_{64} 7 30.6 27.°61 0.°5/30.9 18

6 30	21 2.23	−16 34.5	1.924	2.819	11.9	19.9
7 10	20 56.49	−16 35.5	1.864	2.824	8.4	19.7
7 20	20 49.06	−16 42.1	1.828	2.828	4.5	19.5
7 30	20 40.68	−16 51.6	1.818	2.833	0.6	19.2
8 9	20 32.28	−17 1.2	1.835	2.838	3.8	19.4
8 19	20 24.77	−17 8.7	1.879	2.843	7.6	19.7
8 29	20 18.95	−17 12.2	1.947	2.848	11.1	19.9
9 8	20 15.33	−17 10.9	2.037	2.854	14.0	20.1

122499 2000 QC_{190} 7 30.6 305.°90 8.°6/26.9 18

6 30	21 11.44	−38 10.1	1.520	2.417	14.4	19.6
7 10	21 3.84	−38 49.2	1.457	2.403	11.5	19.4
7 20	20 53.27	−39 14.1	1.416	2.389	9.2	19.3
7 30	20 40.93	−39 16.2	1.399	2.375	8.7	19.2
8 9	20 28.51	−38 50.5	1.405	2.362	10.5	19.3
8 19	20 17.67	−37 57.2	1.435	2.349	13.6	19.4
8 29	20 9.74	−36 41.1	1.486	2.336	16.8	19.6
9 8	20 5.42	−35 9.0	1.554	2.324	19.7	19.8

259336 2003 FU_{118} 7 30.6 89.°83 2.°6/ 1.7 18

	h m	° ′			°	m
6 30	20 59.75	− 8 11.3	2.114	2.986	11.9	20.5
7 10	20 54.67	− 8 42.2	2.049	2.991	8.9	20.3
7 20	20 48.09	− 9 25.9	2.008	2.996	5.5	20.1
7 30	20 40.64	−10 19.8	1.993	3.002	2.8	20.0
8 9	20 33.12	−11 19.8	2.006	3.007	3.8	20.1
8 19	20 26.29	−12 21.3	2.047	3.012	7.0	20.3
8 29	20 20.89	−13 20.3	2.113	3.017	10.2	20.5
9 8	20 17.42	−14 13.4	2.202	3.022	13.0	20.7

321778 2010 OQ_{81} 7 30.6 293.°73 0.°5/30.3 18

6 30	21 0.40	−17 44.5	2.103	3.000	10.9	21.1
7 10	20 55.34	−18 23.2	2.019	2.980	7.7	20.8
7 20	20 48.57	−19 8.5	1.959	2.960	4.1	20.6
7 30	20 40.68	−19 56.6	1.926	2.941	0.6	20.3
8 9	20 32.52	−20 43.0	1.920	2.921	3.9	20.5
8 19	20 24.98	−21 24.0	1.941	2.901	7.8	20.7
8 29	20 18.90	−21 56.5	1.988	2.881	11.3	20.9
9 8	20 14.91	−22 19.4	2.056	2.861	14.3	21.1

427271 2014 WQ_{168} 7 30.6 217.°05 1.°7/29.7 17

6 30	21 6.86	−19 57.2	1.682	2.581	13.1	22.1
7 10	21 0.20	−20 47.4	1.611	2.574	9.2	21.8
7 20	20 51.25	−21 43.4	1.564	2.566	4.9	21.5
7 30	20 40.85	−22 39.2	1.543	2.557	1.7	21.3
8 9	20 30.18	−23 28.5	1.550	2.547	5.2	21.5
8 19	20 20.46	−24 6.9	1.583	2.537	9.6	21.8
8 29	20 12.80	−24 32.1	1.639	2.526	13.6	22.0
9 8	20 7.94	−24 44.0	1.716	2.515	17.0	22.2

32457 2000 SZ_{85} 7 30.6 306.°59 5.°8/26.5 18

6 30	21 3.71	−33 1.3	2.024	2.924	11.1	18.7
7 10	20 57.78	−34 4.2	1.965	2.919	8.4	18.5
7 20	20 49.87	−35 1.0	1.931	2.913	6.3	18.3
7 30	20 40.76	−35 45.3	1.923	2.908	5.9	18.3
8 9	20 31.53	−36 12.4	1.941	2.903	7.7	18.4
8 19	20 23.23	−36 20.3	1.984	2.898	10.4	18.6
8 29	20 16.83	−36 9.6	2.049	2.893	13.1	18.7
9 8	20 12.91	−35 43.0	2.134	2.888	15.5	18.9

395031 2009 DE_{26} 7 30.6 277.°60 2.°1/29.4 18

6 30	21 3.50	−22 37.0	1.885	2.788	11.7	21.4
7 10	20 57.61	−23 8.9	1.816	2.780	8.2	21.2
7 20	20 49.77	−23 42.7	1.771	2.772	4.5	20.9
7 30	20 40.76	−24 13.6	1.752	2.764	2.1	20.8
8 9	20 31.61	−24 37.4	1.761	2.757	5.0	20.9
8 19	20 23.32	−24 51.2	1.796	2.749	8.8	21.2
8 29	20 16.85	−24 53.9	1.854	2.741	12.3	21.4
9 8	20 12.79	−24 46.0	1.934	2.733	15.3	21.6

162295 1999 VW_{149} 7 30.6 307.°88 0.°6/30.9 18

6 30	21 2.44	−15 49.0	1.628	2.529	13.4	20.0
7 10	20 57.07	−16 2.3	1.555	2.517	9.5	19.8
7 20	20 49.58	−16 24.0	1.504	2.505	5.2	19.5
7 30	20 40.76	−16 50.6	1.478	2.493	0.7	19.2
8 9	20 31.70	−17 18.0	1.478	2.481	4.4	19.4
8 19	20 23.54	−17 42.4	1.504	2.470	8.9	19.7
8 29	20 17.30	−18 0.9	1.553	2.459	13.1	19.9
9 8	20 13.68	−18 11.9	1.622	2.449	16.6	20.1

144225 2004 CL_{37} 7 30.6 244.°47 0.°6/30.9 18

6 30	21 5.43	−15 28.6	1.731	2.624	13.1	20.3
7 10	20 59.12	−15 46.8	1.653	2.611	9.4	20.0
7 20	20 50.66	−16 13.5	1.598	2.598	5.1	19.7
7 30	20 40.83	−16 45.1	1.569	2.584	0.8	19.4
8 9	20 30.71	−17 17.2	1.567	2.570	4.3	19.6
8 19	20 21.43	−17 46.1	1.591	2.555	8.8	19.8
8 29	20 14.05	−18 8.8	1.640	2.539	12.9	20.1
9 8	20 9.29	−18 23.8	1.709	2.524	16.4	20.3

373636 2002 OJ_{25} 7 30.6 315.°39 0.°6/30.3 17

6 30	21 0.47	−16 22.6	1.201	2.119	15.7	21.0
7 10	20 56.45	−17 13.5	1.121	2.092	11.3	20.6
7 20	20 49.61	−18 19.7	1.062	2.066	6.0	20.3
7 30	20 40.78	−19 35.0	1.025	2.040	0.6	19.8
8 9	20 31.31	−20 50.5	1.012	2.015	5.9	20.1
8 19	20 22.77	−21 57.8	1.021	1.991	11.7	20.4
8 29	20 16.67	−22 50.6	1.051	1.967	17.0	20.6
9 8	20 14.04	−23 26.0	1.098	1.945	21.5	20.8

97872 2000 QG_{35} 7 30.6 315.°30 1.°0/31.2 18

6 30	21 0.34	−13 10.5	1.134	2.049	16.7	17.7
7 10	20 56.37	−13 51.9	1.059	2.027	12.2	17.4
7 20	20 49.57	−14 52.3	1.004	2.006	6.8	17.0
7 30	20 40.78	−16 6.7	0.970	1.985	1.3	16.6
8 9	20 31.42	−17 26.6	0.960	1.965	5.6	16.8
8 19	20 23.06	−18 43.1	0.972	1.946	11.5	17.1
8 29	20 17.24	−19 48.4	1.004	1.927	17.0	17.3
9 8	20 14.93	−20 38.0	1.054	1.910	21.6	17.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
509543	2008 AD_{65}		7 30.6	123.°91	0.°7/30.2	18
	h m	° ′			°	m
6 30	21 4.61	−20 26.7	2.212	3.105	10.7	21.9
7 10	20 57.99	−20 29.3	2.152	3.111	7.5	21.7
7 20	20 49.81	−20 33.7	2.117	3.118	3.9	21.5
7 30	20 40.78	−20 36.9	2.109	3.124	0.7	21.2
8 9	20 31.77	−20 36.8	2.130	3.130	3.7	21.5
8 19	20 23.63	−20 31.7	2.178	3.135	7.2	21.7
8 29	20 17.07	−20 21.2	2.252	3.141	10.4	21.9
9 8	20 12.59	−20 5.3	2.349	3.146	13.0	22.1
32375	2000 QM_{169}		7 30.6	132.°42	4.°4/ 2.8	18
6 30	21 0.05	− 4 1.3	2.148	3.002	12.5	19.1
7 10	20 54.88	− 4 3.0	2.078	3.004	9.7	18.9
7 20	20 48.23	− 4 19.3	2.032	3.005	6.8	18.7
7 30	20 40.69	− 4 49.3	2.010	3.006	4.6	18.6
8 9	20 33.06	− 5 30.3	2.016	3.008	4.9	18.6
8 19	20 26.11	− 6 18.6	2.049	3.009	7.4	18.8
8 29	20 20.54	− 7 10.1	2.107	3.010	10.3	19.0
9 8	20 16.87	− 8 0.6	2.188	3.011	13.0	19.2
130602	2000 SE_4		7 30.6	345.°74	4.°0/28.9	18
6 30	20 59.60	−23 29.9	0.915	1.853	17.3	18.6
7 10	20 56.19	−24 14.9	0.860	1.841	12.3	18.2
7 20	20 49.53	−25 4.2	0.824	1.830	7.0	17.9
7 30	20 40.79	−25 48.4	0.809	1.820	4.1	17.7
8 9	20 31.77	−26 18.4	0.813	1.812	8.2	17.9
8 19	20 24.32	−26 28.8	0.838	1.806	13.7	18.2
8 29	20 20.02	−26 18.6	0.880	1.802	18.9	18.5
9 8	20 19.64	−25 49.8	0.937	1.799	23.2	18.7
509482	2007 TB_{133}		7 30.6	284.°54	3.°0/28.7	18
6 30	21 3.39	−24 34.5	1.852	2.757	11.7	21.6
7 10	20 57.65	−25 19.9	1.780	2.745	8.3	21.3
7 20	20 49.87	−26 6.3	1.732	2.732	4.8	21.1
7 30	20 40.81	−26 48.0	1.710	2.719	3.1	20.9
8 9	20 31.52	−27 20.1	1.715	2.706	5.7	21.1
8 19	20 23.09	−27 39.3	1.746	2.693	9.4	21.3
8 29	20 16.51	−27 44.5	1.801	2.681	12.9	21.5
9 8	20 12.45	−27 36.6	1.875	2.668	16.0	21.7
4111	Lamy		7 30.7	70.°95	1.°9/31.6	18
6 30	21 5.97	−12 57.0	1.296	2.196	16.1	17.9
7 10	20 59.60	−13 5.6	1.250	2.210	11.6	17.7
7 20	20 50.87	−13 26.8	1.226	2.224	6.6	17.5
7 30	20 40.87	−13 56.7	1.226	2.239	2.1	17.2
8 9	20 30.97	−14 30.2	1.250	2.254	4.9	17.5
8 19	20 22.46	−15 2.4	1.299	2.268	9.7	17.8
8 29	20 16.40	−15 29.7	1.370	2.283	14.0	18.1
9 8	20 13.35	−15 49.6	1.461	2.298	17.6	18.4
80976	2000 EK_3		7 30.7	32.°89	6.°1/ 3.5	18
6 30	21 0.15	− 2 23.8	1.265	2.142	17.9	18.6
7 10	20 55.60	− 2 39.5	1.214	2.151	14.0	18.4
7 20	20 48.82	− 3 21.3	1.183	2.161	9.8	18.2
7 30	20 40.75	− 4 26.9	1.173	2.172	6.5	18.0
8 9	20 32.64	− 5 49.9	1.187	2.183	6.7	18.1
8 19	20 25.70	− 7 21.8	1.225	2.195	10.1	18.3
8 29	20 20.97	− 8 53.6	1.285	2.208	14.0	18.6
9 8	20 19.06	−10 18.0	1.365	2.221	17.6	18.8
364030	2005 WX_9		7 30.7	270.°77	1.°2/31.5	16
6 30	21 0.95	−13 32.2	2.311	3.194	10.6	22.1
7 10	20 55.55	−13 41.8	2.228	3.180	7.7	21.9
7 20	20 48.62	−13 58.8	2.169	3.165	4.4	21.7
7 30	20 40.74	−14 21.1	2.137	3.151	1.4	21.4
8 9	20 32.68	−14 46.0	2.134	3.136	3.4	21.6
8 19	20 25.21	−15 10.7	2.158	3.121	6.9	21.8
8 29	20 19.07	−15 32.9	2.208	3.106	10.1	21.9
9 8	20 14.80	−15 50.7	2.280	3.091	12.9	22.1
121507	1999 TU_{304}		7 30.7	52.°27	9.°7/26.1	18
6 30	21 10.81	−40 7.3	1.446	2.342	15.0	18.6
7 10	21 3.09	−41 19.0	1.426	2.366	12.1	18.5
7 20	20 52.67	−42 12.3	1.428	2.391	10.1	18.4
7 30	20 40.98	−42 38.8	1.453	2.416	9.9	18.5
8 9	20 29.73	−42 34.9	1.502	2.441	11.4	18.6
8 19	20 20.42	−42 2.6	1.572	2.466	13.8	18.8
8 29	20 14.12	−41 7.3	1.662	2.492	16.3	19.1
9 8	20 11.22	−39 55.7	1.770	2.517	18.4	19.3
482964	2014 KD_{67}		7 30.7	8.°66	3.°7/27.9	18
6 30	21 1.17	−25 50.5	1.915	2.823	11.3	20.8
7 10	20 55.97	−26 58.7	1.859	2.823	8.0	20.6
7 20	20 48.92	−28 7.0	1.827	2.824	4.9	20.4
7 30	20 40.76	−29 8.9	1.822	2.826	3.8	20.3
8 9	20 32.49	−29 59.0	1.843	2.827	6.1	20.5
8 19	20 25.10	−30 33.8	1.890	2.829	9.4	20.7
8 29	20 19.47	−30 52.4	1.961	2.831	12.5	20.9
9 8	20 16.19	−30 55.7	2.051	2.834	15.1	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
69360	1994 PJ_{12}		7 30.7	323.°27	1.°1/31.2	18
	h m	° ′			°	m
6 30	21 1.01	−14 48.7	1.436	2.342	14.4	18.9
7 10	20 56.34	−14 57.6	1.359	2.323	10.4	18.7
7 20	20 49.34	−15 17.0	1.304	2.304	5.8	18.4
7 30	20 40.80	−15 43.7	1.272	2.286	1.3	18.0
8 9	20 31.92	−16 13.4	1.265	2.269	4.7	18.2
8 19	20 23.95	−16 41.6	1.282	2.253	9.7	18.4
8 29	20 18.06	−17 4.5	1.322	2.237	14.3	18.7
9 8	20 15.05	−17 19.6	1.380	2.222	18.2	18.9
507814	2014 DY_{40}		7 30.7	243.°15	0.°4/30.4	18
6 30	21 3.05	−16 57.1	2.068	2.960	11.3	21.9
7 10	20 57.23	−17 40.6	1.987	2.946	8.0	21.7
7 20	20 49.61	−18 31.6	1.931	2.932	4.2	21.4
7 30	20 40.82	−19 25.6	1.902	2.917	0.4	21.1
8 9	20 31.76	−20 18.1	1.901	2.902	4.0	21.4
8 19	20 23.37	−21 4.8	1.928	2.886	7.9	21.6
8 29	20 16.52	−21 42.7	1.980	2.870	11.5	21.8
9 8	20 11.87	−22 10.5	2.053	2.853	14.5	22.0
58888	1998 HE_{144}		7 30.7	62.°93	0.°1/30.6	18
6 30	21 4.36	−15 15.1	1.263	2.171	15.8	19.1
7 10	20 58.54	−16 14.1	1.223	2.189	11.1	18.8
7 20	20 50.35	−17 24.5	1.204	2.207	5.8	18.6
7 30	20 40.86	−18 38.8	1.210	2.225	0.4	18.2
8 9	20 31.48	−19 49.1	1.241	2.244	5.1	18.6
8 19	20 23.49	−20 48.8	1.296	2.263	10.1	19.0
8 29	20 17.97	−21 34.4	1.374	2.281	14.4	19.3
9 8	20 15.46	−22 4.8	1.470	2.300	17.9	19.6
49741	1999 VW_{124}		7 30.7	90.°04	3.°0/ 1.3	18
6 30	21 5.66	− 9 35.5	1.516	2.399	15.2	19.2
7 10	20 59.12	− 9 44.0	1.469	2.418	11.1	19.0
7 20	20 50.55	−10 6.9	1.445	2.436	6.8	18.8
7 30	20 40.89	−10 41.1	1.445	2.454	3.2	18.7
8 9	20 31.32	−11 21.9	1.471	2.472	4.8	18.8
8 19	20 22.96	−12 4.7	1.523	2.490	8.8	19.1
8 29	20 16.72	−12 45.0	1.599	2.507	12.7	19.4
9 8	20 13.13	−13 19.5	1.695	2.524	15.9	19.6
344746	2003 UG_{245}		7 30.7	349.°07	3.°0/28.9	18
6 30	21 0.18	−22 2.2	1.347	2.268	14.2	19.5
7 10	20 55.84	−23 4.8	1.289	2.261	10.0	19.3
7 20	20 49.07	−24 12.7	1.252	2.255	5.5	19.0
7 30	20 40.81	−25 18.1	1.238	2.250	3.1	18.8
8 9	20 32.34	−26 13.4	1.250	2.245	6.5	19.0
8 19	20 25.00	−26 53.1	1.284	2.242	11.0	19.3
8 29	20 19.96	−27 15.0	1.340	2.240	15.2	19.5
9 8	20 17.92	−27 19.4	1.414	2.238	18.7	19.8
69140	2003 FB_{100}		7 30.7	167.°83	5.°0/27.0	18
6 30	21 4.51	−32 15.1	2.264	3.160	10.3	19.7
7 10	20 58.13	−33 7.2	2.209	3.161	7.7	19.6
7 20	20 50.00	−33 53.5	2.179	3.162	5.5	19.4
7 30	20 40.87	−34 28.8	2.175	3.164	5.1	19.4
8 9	20 31.69	−34 49.4	2.199	3.165	6.7	19.5
8 19	20 23.39	−34 53.6	2.249	3.165	9.2	19.7
8 29	20 16.81	−34 42.1	2.323	3.166	11.8	19.8
9 8	20 12.47	−34 17.2	2.416	3.167	14.0	20.0
358273	2006 TR_{123}		7 30.7	171.°65	4.°1/27.8	18
6 30	21 3.63	−28 30.1	2.112	3.013	10.7	21.4
7 10	20 57.58	−29 23.2	2.054	3.014	7.7	21.2
7 20	20 49.74	−30 13.5	2.022	3.015	5.0	21.0
7 30	20 40.86	−30 55.5	2.016	3.015	4.2	21.0
8 9	20 31.90	−31 24.8	2.037	3.015	6.1	21.1
8 19	20 23.81	−31 39.4	2.084	3.016	9.1	21.3
8 29	20 17.45	−31 39.0	2.156	3.016	11.9	21.5
9 8	20 13.36	−31 25.3	2.247	3.016	14.4	21.7
132379	2002 GH_{80}		7 30.7	282.°97	1.°8/31.8	17
6 30	21 1.82	−11 41.1	1.723	2.612	13.3	19.6
7 10	20 56.52	−12 6.4	1.653	2.606	9.7	19.4
7 20	20 49.28	−12 44.2	1.605	2.601	5.6	19.2
7 30	20 40.84	−13 31.1	1.583	2.596	2.0	18.9
8 9	20 32.21	−14 22.5	1.587	2.590	4.2	19.0
8 19	20 24.42	−15 13.5	1.618	2.585	8.4	19.3
8 29	20 18.40	−15 59.9	1.672	2.580	12.3	19.5
9 8	20 14.80	−16 38.5	1.748	2.574	15.6	19.7
102341	1999 TR_{118}		7 30.7	315.°43	0.°8/31.1	18
6 30	21 2.13	−15 31.3	1.495	2.399	14.1	19.8
7 10	20 57.09	−15 39.5	1.417	2.381	10.1	19.5
7 20	20 49.73	−15 57.0	1.362	2.363	5.6	19.2
7 30	20 40.88	−16 20.6	1.330	2.345	1.0	18.8
8 9	20 31.69	−16 45.9	1.324	2.328	4.6	19.0
8 19	20 23.40	−17 8.9	1.342	2.311	9.5	19.3
8 29	20 17.17	−17 26.5	1.383	2.295	14.0	19.5
9 8	20 13.75	−17 36.5	1.443	2.279	17.8	19.7

441748 2009 BF_{157} 7 30.7 44.°37 5.°0/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.34	− 0 46.4	1.673	2.528	15.4	20.7
7 10	20 54.63	− 1 41.2	1.620	2.544	12.0	20.5
7 20	20 48.19	− 2 59.4	1.588	2.560	8.4	20.3
7 30	20 40.77	− 4 37.2	1.580	2.577	5.4	20.2
8 9	20 33.34	− 6 27.8	1.599	2.594	5.5	20.2
8 19	20 26.81	− 8 23.0	1.645	2.612	8.3	20.4
8 29	20 22.00	−10 14.9	1.716	2.630	11.6	20.7
9 8	20 19.44	−11 56.9	1.810	2.648	14.7	20.9

118372 1999 GV_{33} 7 30.7 140.°96 5.°1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.78	− 1 9.4	2.048	2.887	13.6	20.1
7 10	20 56.83	− 1 21.9	1.984	2.898	10.7	20.0
7 20	20 49.30	− 1 52.4	1.943	2.908	7.7	19.8
7 30	20 40.86	− 2 39.4	1.928	2.918	5.5	19.7
8 9	20 32.36	− 3 39.5	1.940	2.927	5.6	19.7
8 19	20 24.64	− 4 47.9	1.979	2.935	7.9	19.9
8 29	20 18.44	− 5 59.4	2.044	2.943	10.7	20.1
9 8	20 14.29	− 7 8.9	2.131	2.951	13.4	20.3

257015 2008 FJ_{8} 7 30.7 55.°07 4.°2/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.51	− 4 21.0	2.078	2.937	12.7	20.5
7 10	20 54.54	− 4 29.7	2.015	2.943	9.8	20.3
7 20	20 48.09	− 4 53.5	1.974	2.950	6.7	20.1
7 30	20 40.79	− 5 30.9	1.959	2.957	4.4	20.0
8 9	20 33.42	− 6 18.8	1.971	2.964	4.8	20.0
8 19	20 26.77	− 7 13.1	2.009	2.971	7.4	20.2
8 29	20 21.55	− 8 9.3	2.073	2.979	10.3	20.4
9 8	20 18.24	− 9 3.3	2.159	2.986	13.0	20.6

520473 2014 KQ_{109} 7 30.7 72.°30 2.°8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.73	− 7 47.3	2.115	2.986	12.0	21.3
7 10	20 54.68	− 8 12.9	2.054	2.994	8.9	21.1
7 20	20 48.16	− 8 51.4	2.015	3.002	5.6	21.0
7 30	20 40.80	− 9 40.2	2.004	3.011	3.0	20.8
8 9	20 33.38	−10 35.5	2.019	3.019	3.9	20.9
8 19	20 26.69	−11 33.1	2.063	3.028	7.0	21.1
8 29	20 21.41	−12 28.7	2.131	3.036	10.1	21.3
9 8	20 18.03	−13 19.2	2.223	3.045	12.8	21.5

490510 2009 UF_{83} 7 30.7 273.°52 0.°7/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.78	−14 55.4	1.680	2.575	13.3	22.1
7 10	20 58.11	−15 19.8	1.598	2.557	9.6	21.8
7 20	20 50.25	−15 54.3	1.539	2.539	5.3	21.5
7 30	20 40.95	−16 35.1	1.505	2.520	0.8	21.1
8 9	20 31.28	−17 17.4	1.498	2.501	4.4	21.4
8 19	20 22.41	−17 56.7	1.517	2.482	9.0	21.6
8 29	20 15.41	−18 29.2	1.560	2.463	13.2	21.8
9 8	20 11.04	−18 53.0	1.623	2.444	16.9	22.0

333912 1999 TN_{65} 7 30.7 312.°11 1.°3/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.38	−13 54.2	1.500	2.401	14.2	20.5
7 10	20 56.61	−14 10.2	1.418	2.379	10.3	20.2
7 20	20 49.53	−14 38.0	1.358	2.358	5.8	19.9
7 30	20 40.90	−15 14.4	1.322	2.336	1.5	19.5
8 9	20 31.88	−15 54.7	1.311	2.315	4.6	19.7
8 19	20 23.67	−16 33.9	1.325	2.295	9.6	19.9
8 29	20 17.46	−17 7.7	1.362	2.275	14.1	20.2
9 8	20 14.05	−17 33.3	1.418	2.255	18.0	20.4

521215 2015 GS_{31} 7 30.7 198.°70 1.°2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.61	−19 51.6	1.928	2.824	11.8	22.5
7 10	20 59.06	−20 26.6	1.860	2.821	8.3	22.3
7 20	20 50.59	−21 5.7	1.817	2.818	4.4	22.0
7 30	20 40.97	−21 44.4	1.800	2.814	1.2	21.8
8 9	20 31.19	−22 18.1	1.811	2.810	4.5	22.0
8 19	20 22.29	−22 43.6	1.850	2.805	8.4	22.3
8 29	20 15.18	−22 59.2	1.913	2.800	12.0	22.5
9 8	20 10.47	−23 4.8	1.997	2.794	15.0	22.7

321311 2009 HX_{35} 7 30.7 25.°54 1.°9/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.41	−11 46.0	1.110	2.021	17.3	20.4
7 10	20 56.79	−12 20.4	1.062	2.027	12.5	20.1
7 20	20 49.60	−13 12.6	1.035	2.035	7.1	19.8
7 30	20 40.90	−14 16.8	1.029	2.043	2.1	19.6
8 9	20 32.16	−15 25.2	1.046	2.051	5.2	19.8
8 19	20 24.80	−16 29.9	1.087	2.061	10.5	20.1
8 29	20 20.00	−17 24.9	1.148	2.071	15.3	20.4
9 8	20 18.39	−18 6.6	1.228	2.082	19.2	20.7

37892 1998 FA_{61} 7 30.7 338.°98 9.°8/26.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.47	−40 23.6	1.448	2.344	15.0	17.6
7 10	21 3.29	−41 13.3	1.396	2.337	12.3	17.4
7 20	20 53.07	−41 46.3	1.365	2.330	10.3	17.3
7 30	20 41.12	−41 53.3	1.357	2.324	10.0	17.2
8 9	20 29.22	−41 29.6	1.372	2.319	11.7	17.3
8 19	20 19.07	−40 36.0	1.409	2.314	14.4	17.5
8 29	20 11.97	−39 17.8	1.466	2.310	17.4	17.7
9 8	20 8.54	−37 42.4	1.540	2.306	20.0	17.9

432764 2011 FF_{13} 7 30.7 32.°28 6.°0/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.36	−29 37.7	1.253	2.173	15.1	20.6
7 10	20 59.44	−30 31.3	1.219	2.186	11.0	20.4
7 20	20 50.90	−31 18.3	1.205	2.200	7.3	20.2
7 30	20 40.98	−31 50.5	1.215	2.215	6.1	20.2
8 9	20 31.28	−32 2.2	1.248	2.231	8.6	20.4
8 19	20 23.22	−31 52.6	1.304	2.247	12.3	20.7
8 29	20 17.91	−31 23.7	1.381	2.265	15.9	20.9
9 8	20 15.85	−30 40.0	1.475	2.282	18.9	21.2

50684 2000 ER_{111} 7 30.7 285.°57 10.°2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.81	−44 43.9	1.904	2.778	13.0	17.4
7 10	21 2.68	−46 5.1	1.847	2.763	11.2	17.2
7 20	20 52.77	−47 10.7	1.812	2.747	10.2	17.1
7 30	20 41.12	−47 51.9	1.801	2.732	10.5	17.1
8 9	20 29.23	−48 3.3	1.814	2.716	11.9	17.2
8 19	20 18.63	−47 44.2	1.848	2.701	14.0	17.3
8 29	20 10.63	−46 57.8	1.902	2.686	16.2	17.4
9 8	20 6.00	−45 50.2	1.972	2.670	18.2	17.5

433821 2015 BH_{180} 7 30.7 122.°71 3.°0/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.81	−23 9.1	1.680	2.584	12.8	21.3
7 10	20 59.36	−24 13.7	1.630	2.594	9.0	21.1
7 20	20 50.78	−25 20.0	1.603	2.604	5.0	20.9
7 30	20 40.99	−26 21.2	1.603	2.613	3.1	20.8
8 9	20 31.17	−27 11.0	1.630	2.622	5.9	21.0
8 19	20 22.46	−27 46.0	1.683	2.630	9.7	21.3
8 29	20 15.84	−28 5.0	1.759	2.638	13.2	21.5
9 8	20 11.92	−28 9.1	1.855	2.646	16.2	21.7

21114 Bernson 7 30.7 249.°04 3.°1/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.95	−23 50.6	1.567	2.474	13.4	19.1
7 10	21 0.48	−24 34.3	1.499	2.464	9.5	18.9
7 20	20 51.54	−25 19.7	1.453	2.454	5.4	18.6
7 30	20 41.05	−26 0.2	1.433	2.443	3.1	18.4
8 9	20 30.30	−26 29.9	1.439	2.432	6.2	18.6
8 19	20 20.63	−26 45.3	1.470	2.421	10.5	18.8
8 29	20 13.22	−26 45.5	1.523	2.409	14.5	19.0
9 8	20 8.81	−26 31.9	1.596	2.398	18.0	19.2

116707 2004 CD_{107} 7 30.7 168.°33 4.°1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.91	− 6 44.9	1.669	2.541	14.6	20.0
7 10	20 57.98	− 6 46.0	1.603	2.543	11.1	19.7
7 20	20 50.06	− 7 3.0	1.560	2.544	7.3	19.5
7 30	20 40.96	− 7 34.5	1.541	2.545	4.4	19.4
8 9	20 31.73	− 8 16.6	1.549	2.546	5.2	19.4
8 19	20 23.43	− 9 4.9	1.582	2.547	8.7	19.6
8 29	20 16.99	− 9 54.3	1.640	2.548	12.4	19.8
9 8	20 13.04	−10 40.4	1.719	2.548	15.7	20.1

429902 2012 TZ_{96} 7 30.7 9.°35 2.°3/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.22	−22 7.1	1.093	2.022	16.0	19.8
7 10	20 56.75	−22 23.4	1.049	2.024	11.3	19.5
7 20	20 49.59	−22 42.5	1.024	2.028	6.0	19.3
7 30	20 40.93	−22 58.4	1.021	2.034	2.3	19.0
8 9	20 32.32	−23 5.9	1.040	2.041	6.2	19.3
8 19	20 25.23	−23 2.0	1.082	2.050	11.3	19.6
8 29	20 20.84	−22 46.2	1.144	2.061	15.8	19.9
9 8	20 19.72	−22 19.7	1.223	2.073	19.6	20.2

9558 1986 QB_{3} 7 30.7 322.°31 1.°1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.06	−19 29.4	1.956	2.859	11.3	17.3
7 10	20 55.22	−20 2.7	1.880	2.845	8.0	17.1
7 20	20 48.60	−20 41.0	1.828	2.831	4.2	16.8
7 30	20 40.87	−21 20.2	1.803	2.817	1.1	16.6
8 9	20 32.94	−21 56.0	1.805	2.804	4.3	16.8
8 19	20 25.73	−22 24.8	1.832	2.792	8.2	17.0
8 29	20 20.11	−22 44.4	1.884	2.780	11.7	17.2
9 8	20 16.70	−22 54.0	1.957	2.768	14.8	17.4

259327 2003 FD_{91} 7 30.7 117.°46 2.°7/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.86	−26 31.8	2.424	3.318	9.8	21.2
7 10	20 58.13	−26 57.5	2.374	3.332	6.9	21.0
7 20	20 49.93	−27 20.9	2.349	3.345	4.1	20.8
7 30	20 40.95	−27 38.3	2.352	3.359	2.8	20.8
8 9	20 32.05	−27 46.8	2.384	3.371	4.7	20.9
8 19	20 24.00	−27 45.4	2.444	3.384	7.5	21.1
8 29	20 17.50	−27 34.1	2.529	3.396	10.1	21.3
9 8	20 13.00	−27 14.0	2.635	3.408	12.4	21.5

497153 2004 RC_{170} 7 30.7 355.°98 3.°1/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.63	−14 30.4	0.863	1.791	19.1	19.7
7 10	20 57.53	−13 44.2	0.811	1.785	14.0	19.4
7 20	20 50.23	−13 9.7	0.778	1.780	8.2	19.1
7 30	20 41.00	−12 46.3	0.764	1.777	3.3	18.8
8 9	20 31.62	−12 31.8	0.770	1.775	6.4	19.0
8 19	20 23.89	−12 23.2	0.796	1.776	12.3	19.3
8 29	20 19.27	−12 17.0	0.840	1.778	17.7	19.6
9 8	20 18.49	−12 9.8	0.900	1.781	22.2	19.9

40024 1998 HW_{148} 7 30.7 331.°31 0.°2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.66	−17 27.1	1.548	2.454	13.6	18.5
7 10	20 57.32	−17 48.7	1.483	2.448	9.6	18.2
7 20	20 49.81	−18 17.7	1.439	2.442	5.1	18.0
7 30	20 40.97	−18 49.8	1.421	2.436	0.4	17.6
8 9	20 31.97	−19 20.2	1.428	2.431	4.6	17.9
8 19	20 23.96	−19 44.8	1.460	2.426	9.2	18.2
8 29	20 17.99	−20 1.2	1.516	2.422	13.4	18.4
9 8	20 14.72	−20 8.3	1.591	2.418	16.9	18.6

521309 2015 KX_{169} 7 30.7 157.°77 2.°7/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.12	− 8 48.7	2.168	3.035	11.9	22.2
7 10	20 57.06	− 9 0.2	2.102	3.041	8.8	22.0
7 20	20 49.45	− 9 22.9	2.060	3.047	5.5	21.8
7 30	20 40.95	− 9 54.9	2.045	3.052	2.9	21.7
8 9	20 32.39	−10 32.9	2.058	3.057	3.9	21.8
8 19	20 24.56	−11 13.5	2.099	3.061	7.1	22.0
8 29	20 18.20	−11 53.4	2.166	3.065	10.2	22.2
9 8	20 13.82	−12 29.6	2.255	3.068	13.0	22.4

444035 2004 PL_{32} 7 30.7 12.°46 1.°0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.89	−16 51.1	1.664	2.571	12.8	19.8
7 10	20 54.52	−18 5.6	1.608	2.574	8.9	19.6
7 20	20 48.27	−19 29.5	1.575	2.578	4.6	19.3
7 30	20 40.88	−20 56.2	1.568	2.583	1.0	19.1
8 9	20 33.37	−22 18.5	1.588	2.588	4.7	19.4
8 19	20 26.75	−23 30.4	1.633	2.594	8.9	19.6
8 29	20 21.92	−24 28.0	1.702	2.601	12.6	19.9
9 8	20 19.50	−25 9.8	1.792	2.608	15.7	20.1

355144 2006 UY_{330} 7 30.7 335.°10 1.°1/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.74	−12 11.9	1.845	2.736	12.5	20.8
7 10	20 55.01	−13 2.3	1.776	2.732	9.0	20.5
7 20	20 48.49	−14 5.1	1.730	2.728	5.1	20.3
7 30	20 40.90	−15 16.2	1.711	2.725	1.2	20.0
8 9	20 33.12	−16 29.8	1.718	2.721	3.8	20.2
8 19	20 26.08	−17 40.4	1.752	2.718	7.9	20.4
8 29	20 20.67	−18 43.4	1.811	2.716	11.6	20.7
9 8	20 17.47	−19 35.7	1.891	2.713	14.8	20.9

18796 Acosta 7 30.7 63.°28 4.°4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.40	−25 0.2	1.202	2.120	15.7	18.0
7 10	21 0.91	−26 7.9	1.168	2.138	11.1	17.8
7 20	20 51.72	−27 14.7	1.155	2.155	6.5	17.6
7 30	20 41.11	−28 11.2	1.166	2.173	4.5	17.5
8 9	20 30.68	−28 50.1	1.201	2.191	7.6	17.7
8 19	20 21.94	−29 8.6	1.259	2.210	11.9	18.0
8 29	20 16.03	−29 7.3	1.338	2.228	15.9	18.3
9 8	20 13.48	−28 49.5	1.434	2.246	19.1	18.6

352181 2007 RL_{147} 7 30.7 324.°40 9.°3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.00	−40 7.1	1.623	2.516	13.8	20.0
7 10	21 2.11	−41 7.0	1.569	2.507	11.3	19.9
7 20	20 52.45	−41 52.5	1.537	2.499	9.6	19.8
7 30	20 41.16	−42 14.8	1.528	2.492	9.4	19.7
8 9	20 29.81	−42 8.9	1.543	2.484	11.1	19.8
8 19	20 19.94	−41 34.6	1.581	2.477	13.7	20.0
8 29	20 12.80	−40 35.8	1.639	2.470	16.4	20.1
9 8	20 9.03	−39 18.7	1.715	2.464	18.8	20.3

102458 1999 TH_{225} 7 30.7 212.°16 3.°0/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.86	−27 8.9	2.405	3.301	9.8	20.1
7 10	20 57.58	−27 36.6	2.339	3.298	7.0	20.0
7 20	20 49.73	−28 1.9	2.299	3.295	4.2	19.8
7 30	20 40.98	−28 21.0	2.287	3.291	3.0	19.7
8 9	20 32.17	−28 30.9	2.302	3.288	4.9	19.8
8 19	20 24.13	−28 30.0	2.345	3.284	7.8	20.0
8 29	20 17.60	−28 18.3	2.413	3.280	10.6	20.2
9 8	20 13.09	−27 57.0	2.503	3.276	12.9	20.3

90747 1993 PP_2 7 30.7 130.°44 2.°0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.81	− 8 32.6	2.552	3.417	10.4	19.5
7 10	20 54.58	− 9 13.5	2.487	3.426	7.6	19.3
7 20	20 48.09	−10 5.1	2.448	3.436	4.7	19.1
7 30	20 40.88	−11 4.7	2.436	3.445	2.2	19.0
8 9	20 33.61	−12 8.5	2.453	3.454	3.2	19.1
8 19	20 26.93	−13 12.7	2.499	3.462	6.1	19.3
8 29	20 21.44	−14 13.7	2.572	3.471	8.9	19.5
9 8	20 17.58	−15 8.7	2.669	3.479	11.3	19.6

9719 Yakage 7 30.7 178.°99 2.°3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.54	−23 40.1	1.981	2.881	11.3	17.8
7 10	20 58.28	−24 11.6	1.919	2.881	8.0	17.6
7 20	20 50.18	−24 43.7	1.882	2.882	4.4	17.4
7 30	20 41.02	−25 11.6	1.871	2.882	2.4	17.2
8 9	20 31.80	−25 31.5	1.888	2.882	4.9	17.4
8 19	20 23.49	−25 41.1	1.932	2.882	8.5	17.6
8 29	20 16.95	−25 39.6	2.000	2.881	11.8	17.8
9 8	20 12.74	−25 28.0	2.089	2.881	14.6	18.0

21989 Werntz 7 30.7 247.°57 1.°4/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.28	−12 12.4	2.567	3.443	10.0	19.4
7 10	20 55.01	−12 29.8	2.483	3.430	7.2	19.2
7 20	20 48.38	−12 55.2	2.424	3.418	4.2	19.0
7 30	20 40.91	−13 26.4	2.392	3.404	1.5	18.8
8 9	20 33.27	−14 0.7	2.389	3.391	3.1	18.9
8 19	20 26.15	−14 35.3	2.415	3.378	6.3	19.0
8 29	20 20.20	−15 7.7	2.467	3.364	9.2	19.2
9 8	20 15.93	−15 35.7	2.542	3.350	11.8	19.4

448697 2010 XV_{26} 7 30.7 22.°28 6.°3/ 3.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.91	− 0 46.7	2.033	2.874	13.6	20.2
7 10	20 55.58	− 0 5.6	1.969	2.879	10.9	20.1
7 20	20 48.70	+ 0 19.4	1.927	2.883	8.4	19.9
7 30	20 40.93	+ 0 27.4	1.909	2.888	6.6	19.8
8 9	20 33.08	+ 0 19.5	1.917	2.893	6.7	19.8
8 19	20 25.98	− 0 1.7	1.950	2.898	8.6	19.9
8 29	20 20.35	− 0 32.4	2.008	2.904	11.1	20.1
9 8	20 16.71	− 1 8.1	2.088	2.910	13.6	20.3

324328 2006 KM_{61} 7 30.7 332.°73 5.°8/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.89	− 5 47.4	1.072	1.973	18.7	20.2
7 10	20 55.34	− 5 40.1	1.004	1.957	14.5	19.9
7 20	20 49.06	− 5 57.7	0.954	1.943	9.9	19.6
7 30	20 40.97	− 6 39.9	0.925	1.930	6.2	19.3
8 9	20 32.45	− 7 42.0	0.917	1.917	7.1	19.3
8 19	20 25.03	− 8 56.3	0.930	1.906	11.5	19.6
8 29	20 20.11	−10 13.4	0.964	1.897	16.4	19.8
9 8	20 18.58	−11 25.0	1.014	1.888	20.9	20.0

254290 2004 RT_{242} 7 30.7 206.°13 1.°2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.97	−12 29.2	2.514	3.392	10.1	20.7
7 10	20 54.77	−12 54.7	2.440	3.390	7.3	20.5
7 20	20 48.23	−13 28.3	2.392	3.387	4.1	20.3
7 30	20 40.91	−14 7.5	2.371	3.384	1.3	20.1
8 9	20 33.47	−14 49.1	2.378	3.381	3.1	20.2
8 19	20 26.59	−15 30.0	2.414	3.377	6.2	20.4
8 29	20 20.94	−16 7.5	2.476	3.373	9.2	20.6
9 8	20 16.97	−16 39.6	2.561	3.370	11.8	20.8

79163 1993 FK_{24} 7 30.7 204.°35 1.°0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.64	−19 38.7	1.852	2.747	12.3	20.1
7 10	20 59.89	−20 6.4	1.782	2.743	8.6	19.8
7 20	20 51.10	−20 38.3	1.737	2.738	4.6	19.6
7 30	20 41.10	−21 9.9	1.719	2.733	1.0	19.3
8 9	20 30.93	−21 36.9	1.728	2.728	4.5	19.6
8 19	20 21.69	−21 56.3	1.764	2.721	8.6	19.8
8 29	20 14.32	−22 6.3	1.825	2.715	12.3	20.0
9 8	20 9.47	−22 7.0	1.907	2.707	15.5	20.2

302804 2003 AL_{64} 7 30.7 208.°87 5.°8/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.34	−34 40.6	2.331	3.223	10.2	20.7
7 10	20 58.85	−35 46.2	2.273	3.219	7.9	20.6
7 20	20 50.51	−36 45.0	2.239	3.214	6.1	20.5
7 30	20 41.06	−37 31.2	2.233	3.210	5.9	20.4
8 9	20 31.47	−38 0.5	2.253	3.205	7.5	20.5
8 19	20 22.72	−38 11.1	2.299	3.199	9.8	20.7
8 29	20 15.69	−38 3.7	2.368	3.194	12.1	20.8
9 8	20 10.97	−37 40.9	2.457	3.188	14.2	21.0

475370 2006 DV_{132} 7 30.7 27.°78 6.°1/28.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.70	−30 31.4	1.242	2.161	15.2	20.1
7 10	20 59.71	−31 12.8	1.208	2.175	11.1	19.9
7 20	20 51.08	−31 46.3	1.195	2.189	7.5	19.7
7 30	20 41.10	−32 4.0	1.205	2.205	6.2	19.7
8 9	20 31.39	−32 1.5	1.238	2.221	8.6	19.9
8 19	20 23.38	−31 38.4	1.294	2.238	12.3	20.1
8 29	20 18.15	−30 57.6	1.370	2.257	15.8	20.4
9 8	20 16.17	−30 3.6	1.465	2.275	18.9	20.7

235829 2004 XE_{144} 7 30.7 283.°84 0.°9/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.18	−11 57.5	1.718	2.609	13.3	19.7
7 10	20 56.24	−13 2.2	1.640	2.596	9.6	19.5
7 20	20 49.29	−14 22.3	1.585	2.584	5.3	19.2
7 30	20 41.01	−15 52.6	1.557	2.571	1.1	18.9
8 9	20 32.40	−17 26.0	1.555	2.559	4.2	19.1
8 19	20 24.52	−18 55.5	1.581	2.546	8.7	19.3
8 29	20 18.38	−20 15.2	1.631	2.534	12.8	19.5
9 8	20 14.70	−21 21.4	1.701	2.521	16.2	19.7

522857 2016 NX_{86} 7 30.7 282.°79 4.°7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.13	−29 42.0	1.628	2.530	13.3	20.4
7 10	21 2.74	−29 58.5	1.555	2.515	9.7	20.2
7 20	20 52.78	−30 8.8	1.505	2.499	6.3	20.0
7 30	20 41.24	−30 6.9	1.480	2.483	4.7	19.8
8 9	20 29.51	−29 48.6	1.482	2.468	7.1	19.9
8 19	20 18.99	−29 13.1	1.509	2.452	11.0	20.1
8 29	20 10.89	−28 22.7	1.559	2.436	14.7	20.3
9 8	20 5.93	−27 21.0	1.628	2.421	18.0	20.5

284299 2006 KY_{140} 7 30.7 2.°95 1.°2/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.35	−14 13.0	1.616	2.514	13.6	20.4
7 10	20 56.98	−14 23.2	1.554	2.513	9.8	20.2
7 20	20 49.60	−14 43.0	1.514	2.513	5.5	19.9
7 30	20 41.04	−15 9.1	1.500	2.514	1.4	19.7
8 9	20 32.39	−15 37.7	1.511	2.514	4.2	19.9
8 19	20 24.70	−16 4.8	1.547	2.515	8.6	20.1
8 29	20 18.93	−16 27.3	1.608	2.517	12.6	20.4
9 8	20 15.69	−16 43.3	1.688	2.518	15.9	20.6

238288 2003 WS_{145} 7 30.7 85.°50 3.°2/28.7 17

6 30	21 5.33	−25 7.0	1.898	2.800	11.7	20.0
7 10	20 58.77	−25 58.9	1.858	2.820	8.2	19.9
7 20	20 50.40	−26 49.5	1.842	2.840	4.8	19.7
7 30	20 41.09	−27 33.2	1.853	2.860	3.2	19.6
8 9	20 31.88	−28 5.7	1.892	2.880	5.6	19.8
8 19	20 23.75	−28 24.7	1.957	2.900	8.8	20.1
8 29	20 17.53	−28 30.1	2.046	2.919	11.9	20.3
9 8	20 13.69	−28 23.1	2.155	2.938	14.5	20.5

190383 1999 RN_{151} 7 30.7 296.°74 2.°9/29.2 18

6 30	21 5.58	−24 3.5	1.669	2.575	12.8	19.3
7 10	20 59.66	−24 36.8	1.580	2.544	9.2	19.0
7 20	20 51.27	−25 11.9	1.514	2.514	5.2	18.7
7 30	20 41.21	−25 43.2	1.473	2.483	3.0	18.5
8 9	20 30.63	−26 4.9	1.459	2.453	6.0	18.6
8 19	20 20.84	−26 13.4	1.469	2.422	10.4	18.8
8 29	20 13.10	−26 7.7	1.503	2.391	14.6	19.0
9 8	20 8.25	−25 48.6	1.556	2.360	18.2	19.2

41399 2000 AR_{177} 7 30.7 276.°05 0.°1/30.7 18

6 30	20 59.59	−15 3.2	2.316	3.205	10.4	18.1
7 10	20 54.71	−16 5.2	2.239	3.196	7.3	17.9
7 20	20 48.33	−17 15.9	2.187	3.187	3.9	17.7
7 30	20 41.01	−18 31.1	2.163	3.178	0.3	17.4
8 9	20 33.47	−19 45.9	2.168	3.169	3.5	17.6
8 19	20 26.49	−20 55.7	2.200	3.160	7.0	17.8
8 29	20 20.81	−21 56.7	2.259	3.151	10.2	18.0
9 8	20 16.98	−22 47.0	2.341	3.142	12.9	18.2

169665 2002 JM_{74} 7 30.7 51.°32 6.°8/ 2.6 17

6 30	21 5.55	− 4 36.4	1.254	2.132	18.0	19.5
7 10	20 59.47	− 3 51.6	1.205	2.143	14.0	19.3
7 20	20 51.00	− 3 27.5	1.175	2.153	10.0	19.1
7 30	20 41.18	− 3 24.8	1.168	2.164	7.0	18.9
8 9	20 31.38	− 3 41.0	1.184	2.175	7.6	19.0
8 19	20 22.90	− 4 11.6	1.223	2.187	10.9	19.2
8 29	20 16.83	− 4 50.4	1.284	2.199	14.7	19.5
9 8	20 13.79	− 5 31.0	1.364	2.211	18.1	19.7

11984 Manet 7 30.7 18.°06 0.°1/30.8 18

6 30	21 3.35	−16 53.5	1.513	2.417	13.9	18.3
7 10	20 57.78	−17 9.8	1.455	2.419	9.9	18.1
7 20	20 50.07	−17 33.6	1.420	2.422	5.3	17.8
7 30	20 41.12	−18 0.8	1.410	2.425	0.4	17.5
8 9	20 32.10	−18 26.9	1.425	2.428	4.5	17.8
8 19	20 24.18	−18 48.2	1.465	2.432	9.1	18.1
8 29	20 18.36	−19 2.2	1.529	2.436	13.2	18.3
9 8	20 15.23	−19 7.9	1.612	2.441	16.6	18.6

472164 2014 DU_{25} 7 30.7 244.°64 6.°0/26.9 18

6 30	21 9.05	−34 36.8	2.095	2.985	11.3	22.1
7 10	21 1.69	−35 24.7	2.025	2.971	8.7	21.9
7 20	20 52.15	−36 5.0	1.978	2.956	6.6	21.7
7 30	20 41.27	−36 31.3	1.959	2.941	6.1	21.7
8 9	20 30.19	−36 39.0	1.966	2.925	7.8	21.8
8 19	20 20.08	−36 26.9	1.998	2.909	10.5	21.9
8 29	20 11.98	−35 56.3	2.054	2.892	13.3	22.0
9 8	20 6.55	−35 10.9	2.130	2.875	15.8	22.2

494342 2016 TQ_{46} 7 30.7 227.°92 5.°6/ 3.3 18

6 30	21 1.36	− 1 53.9	2.076	2.920	13.2	21.3
7 10	20 55.95	− 1 32.4	2.005	2.920	10.5	21.1
7 20	20 48.97	− 1 26.7	1.956	2.919	7.8	20.9
7 30	20 41.05	− 1 36.7	1.932	2.918	5.8	20.8
8 9	20 33.01	− 2 0.9	1.935	2.918	6.0	20.8
8 19	20 25.66	− 2 36.1	1.964	2.917	8.1	21.0
8 29	20 19.76	− 3 18.2	2.017	2.916	10.9	21.1
9 8	20 15.85	− 4 2.9	2.093	2.916	13.5	21.3

221076 2005 SM_{14} 7 30.7 298.°20 5.°7/27.7 17

6 30	21 6.33	−29 14.5	1.454	2.366	13.9	19.8
7 10	21 0.39	−30 11.6	1.386	2.350	10.3	19.5
7 20	20 51.70	−31 5.7	1.340	2.334	6.9	19.3
7 30	20 41.25	−31 48.4	1.318	2.318	5.8	19.2
8 9	20 30.45	−32 12.7	1.321	2.302	8.4	19.3
8 19	20 20.83	−32 15.2	1.347	2.286	12.3	19.5
8 29	20 13.71	−31 56.6	1.394	2.271	16.2	19.7
9 8	20 9.90	−31 20.4	1.459	2.256	19.6	19.9

316480 2010 VX_{46} 7 30.7 333.°35 5.°3/26.8 18

6 30	21 2.86	−32 2.1	2.101	3.002	10.8	20.5
7 10	20 57.22	−33 0.8	2.043	2.998	8.1	20.3
7 20	20 49.71	−33 54.3	2.009	2.994	5.9	20.2
7 30	20 41.10	−34 36.7	2.002	2.990	5.4	20.1
8 9	20 32.38	−35 3.6	2.020	2.987	7.2	20.2
8 19	20 24.54	−35 13.0	2.065	2.983	9.8	20.4
8 29	20 18.46	−35 5.2	2.132	2.980	12.5	20.6
9 8	20 14.72	−34 42.5	2.219	2.977	14.8	20.7

117204 2004 RD_{192} 7 30.7 298.°07 4.°2/28.2 18

6 30	21 5.31	−29 49.3	2.118	3.016	10.8	20.0
7 10	20 59.02	−30 16.8	2.034	2.991	8.0	19.8
7 20	20 50.73	−30 40.3	1.975	2.966	5.2	19.6
7 30	20 41.18	−30 54.7	1.942	2.941	4.3	19.5
8 9	20 31.38	−30 56.2	1.936	2.916	6.2	19.5
8 19	20 22.35	−30 43.1	1.957	2.891	9.4	19.7
8 29	20 15.08	−30 15.7	2.001	2.867	12.5	19.8
9 8	20 10.21	−29 36.1	2.067	2.842	15.3	20.0

236486 2006 FS_{36} 7 30.7 152.°19 5.°0/ 3.8 18

6 30	21 2.14	− 0 41.1	2.280	3.112	12.6	20.7
7 10	20 56.35	− 0 53.1	2.212	3.120	10.0	20.5
7 20	20 49.13	− 1 21.6	2.167	3.128	7.3	20.4
7 30	20 41.07	− 2 5.6	2.149	3.136	5.3	20.3
8 9	20 32.94	− 3 2.0	2.158	3.143	5.3	20.3
8 19	20 25.48	− 4 6.7	2.195	3.149	7.4	20.4
8 29	20 19.38	− 5 15.0	2.258	3.154	10.0	20.6
9 8	20 15.12	− 6 22.3	2.344	3.160	12.5	20.8

449899 2015 MN_{110} 7 30.7 41.°55 0.°2/30.6 15

6 30	21 5.60	−19 5.7	1.527	2.432	13.8	20.2
7 10	20 59.11	−19 0.3	1.488	2.452	9.7	20.0
7 20	20 50.63	−18 58.8	1.471	2.473	5.1	19.8
7 30	20 41.17	−18 58.1	1.480	2.495	0.4	19.5
8 9	20 31.94	−18 55.1	1.514	2.517	4.4	19.9
8 19	20 24.01	−18 48.1	1.574	2.539	8.7	20.2
8 29	20 18.26	−18 36.3	1.657	2.562	12.5	20.5
9 8	20 15.15	−18 19.5	1.761	2.585	15.6	20.7

313163 2001 FX_{15} 7 30.7 190.°60 4.°3/ 4.2 18

6 30	20 58.83	+ 0 45.6	3.219	4.032	9.7	21.9
7 10	20 53.76	+ 0 35.8	3.137	4.030	7.8	21.8
7 20	20 47.68	+ 0 13.4	3.079	4.028	5.9	21.6
7 30	20 40.98	− 0 21.1	3.048	4.025	4.5	21.5
8 9	20 34.19	− 1 5.7	3.046	4.022	4.5	21.5
8 19	20 27.81	− 1 58.1	3.072	4.018	5.8	21.6
8 29	20 22.33	− 2 55.0	3.125	4.014	7.8	21.7
9 8	20 18.15	− 3 53.2	3.203	4.009	9.7	21.9

234306 2001 AZ_{27} 7 30.7 160.°49 4.°5/27.1 17

6 30	21 6.45	−31 0.6	2.433	3.325	9.9	22.1
7 10	20 59.47	−32 3.2	2.381	3.332	7.3	21.9
7 20	20 50.82	−33 1.2	2.354	3.339	5.1	21.8
7 30	20 41.19	−33 49.1	2.355	3.345	4.6	21.8
8 9	20 31.51	−34 22.9	2.385	3.351	6.2	21.9
8 19	20 22.65	−34 40.9	2.441	3.356	8.7	22.1
8 29	20 15.41	−34 43.4	2.522	3.360	11.1	22.2
9 8	20 10.33	−34 32.3	2.624	3.363	13.2	22.4

224167 2005 QM_{99} 7 30.7 304.°02 1.°3/31.3 18

6 30	21 4.72	−15 7.3	1.442	2.344	14.7	20.1
7 10	20 59.00	−15 3.2	1.370	2.332	10.6	19.8
7 20	20 50.86	−15 8.0	1.320	2.320	6.0	19.5
7 30	20 41.21	−15 18.9	1.294	2.308	1.5	19.2
8 9	20 31.28	−15 32.3	1.293	2.297	4.7	19.4
8 19	20 22.37	−15 44.7	1.317	2.285	9.7	19.6
8 29	20 15.66	−15 53.5	1.363	2.275	14.2	19.9
9 8	20 11.89	−15 56.6	1.429	2.264	18.0	20.1

188946 2007 DX_{85} 7 30.7 182.°61 1.°0/31.5 18

6 30	21 0.33	−13 22.7	2.361	3.244	10.5	21.0
7 10	20 55.11	−13 49.0	2.292	3.244	7.5	20.8
7 20	20 48.49	−14 23.0	2.247	3.244	4.2	20.6
7 30	20 41.04	−15 2.2	2.230	3.244	1.1	20.4
8 9	20 33.50	−15 43.1	2.241	3.244	3.2	20.5
8 19	20 26.58	−16 22.6	2.280	3.243	6.5	20.7
8 29	20 20.96	−16 57.8	2.345	3.243	9.6	20.9
9 8	20 17.14	−17 27.0	2.432	3.242	12.2	21.1

314384 2005 UF_{101} 7 30.7 209.°88 0.°2/30.5 18

6 30	21 0.89	−17 22.9	2.681	3.568	9.2	22.3
7 10	20 55.42	−17 54.7	2.606	3.562	6.5	22.1
7 20	20 48.63	−18 31.2	2.557	3.557	3.4	21.9
7 30	20 41.06	−19 9.4	2.536	3.551	0.3	21.6
8 9	20 33.36	−19 46.1	2.544	3.545	3.1	21.9
8 19	20 26.21	−20 18.7	2.581	3.538	6.2	22.1
8 29	20 20.23	−20 45.3	2.644	3.531	9.0	22.3
9 8	20 15.91	−21 4.8	2.730	3.524	11.5	22.4

261337 2005 UR_{252} 7 30.7 101.°81 3.°5/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.02	− 7 0.8	2.235	3.098	11.7	20.0
7 10	20 55.61	− 6 53.0	2.167	3.101	8.9	19.8
7 20	20 48.76	− 6 56.7	2.122	3.103	5.9	19.7
7 30	20 41.07	− 7 11.0	2.104	3.105	3.7	19.5
8 9	20 33.31	− 7 33.7	2.112	3.108	4.3	19.6
8 19	20 26.22	− 8 1.9	2.148	3.110	7.0	19.7
8 29	20 20.49	− 8 32.6	2.210	3.112	9.9	19.9
9 8	20 16.61	− 9 2.6	2.294	3.114	12.6	20.1

447191 2005 ST_{129} 7 30.7 329.°58 8.°4/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.44	−41 7.8	1.987	2.870	12.1	20.7
7 10	21 0.69	−42 8.8	1.936	2.866	10.0	20.6
7 20	20 51.64	−42 56.6	1.908	2.862	8.6	20.5
7 30	20 41.27	−43 24.2	1.904	2.857	8.6	20.5
8 9	20 30.86	−43 27.4	1.926	2.854	10.0	20.5
8 19	20 21.65	−43 5.9	1.970	2.850	12.1	20.7
8 29	20 14.71	−42 22.4	2.036	2.846	14.4	20.8
9 8	20 10.63	−41 21.7	2.120	2.843	16.4	21.0

131778 2002 AL_{23} 7 30.7 101.°27 4.°7/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.51	− 7 11.4	1.402	2.281	16.4	19.9
7 10	21 0.02	− 6 55.4	1.349	2.292	12.4	19.7
7 20	20 51.28	− 6 56.5	1.316	2.302	8.2	19.5
7 30	20 41.25	− 7 13.5	1.308	2.312	4.9	19.3
8 9	20 31.21	− 7 42.8	1.324	2.322	5.9	19.4
8 19	20 22.40	− 8 19.8	1.365	2.331	9.7	19.6
8 29	20 15.84	− 8 59.1	1.429	2.341	13.7	19.9
9 8	20 12.14	− 9 36.3	1.513	2.350	17.1	20.2

284289 2006 KM_{39} 7 30.7 358.°35 16.°5/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.32	+17 56.8	1.535	2.283	21.2	19.6
7 10	20 56.52	+19 58.3	1.477	2.280	19.5	19.4
7 20	20 49.53	+21 27.5	1.435	2.278	18.0	19.3
7 30	20 41.14	+22 17.3	1.410	2.277	16.9	19.2
8 9	20 32.45	+22 24.9	1.403	2.277	16.5	19.2
8 19	20 24.63	+21 51.8	1.414	2.277	16.9	19.2
8 29	20 18.78	+20 44.6	1.444	2.279	18.0	19.3
9 8	20 15.64	+19 13.4	1.490	2.282	19.4	19.4

74690 1999 RF_{130} 7 30.7 285.°82 2.°6/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.59	−23 20.8	1.413	2.323	14.4	19.4
7 10	21 1.24	−23 42.7	1.339	2.306	10.3	19.1
7 20	20 52.16	−24 6.0	1.288	2.290	5.7	18.8
7 30	20 41.32	−24 24.7	1.261	2.273	2.7	18.6
8 9	20 30.13	−24 33.5	1.259	2.257	6.2	18.7
8 19	20 20.09	−24 29.4	1.282	2.240	11.0	19.0
8 29	20 12.50	−24 12.1	1.326	2.224	15.5	19.2
9 8	20 8.20	−23 43.3	1.389	2.207	19.3	19.4

225191 2008 JZ_1 7 30.7 342.°23 5.°3/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.10	− 6 55.9	1.181	2.078	17.6	19.6
7 10	20 56.00	− 6 41.1	1.116	2.068	13.5	19.3
7 20	20 49.37	− 6 46.8	1.070	2.059	9.1	19.0
7 30	20 41.13	− 7 12.8	1.046	2.051	5.6	18.8
8 9	20 32.60	− 7 54.9	1.044	2.044	6.5	18.8
8 19	20 25.17	− 8 47.2	1.064	2.038	10.8	19.1
8 29	20 20.08	− 9 42.5	1.106	2.033	15.3	19.3
9 8	20 18.12	−10 34.4	1.165	2.030	19.4	19.5

356706 2011 UZ_{143} 7 30.7 97.°36 4.°3/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.51	−29 34.6	2.184	3.084	10.5	21.1
7 10	20 57.52	−30 31.9	2.134	3.091	7.6	20.9
7 20	20 49.82	−31 25.5	2.108	3.098	5.1	20.8
7 30	20 41.15	−32 9.8	2.110	3.105	4.4	20.8
8 9	20 32.45	−32 40.8	2.138	3.113	6.2	20.9
8 19	20 24.62	−32 56.5	2.193	3.119	8.9	21.1
8 29	20 18.48	−32 56.9	2.272	3.126	11.6	21.3
9 8	20 14.54	−32 43.9	2.371	3.133	13.9	21.4

254248 2004 RA_{155} 7 30.7 242.°65 4.°2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.66	− 3 41.5	2.409	3.257	11.5	20.5
7 10	20 54.64	− 3 43.0	2.331	3.252	9.0	20.3
7 20	20 48.26	− 3 57.9	2.275	3.246	6.3	20.1
7 30	20 41.06	− 4 25.5	2.246	3.240	4.4	20.0
8 9	20 33.71	− 5 3.5	2.244	3.234	4.7	20.0
8 19	20 26.92	− 5 48.8	2.270	3.228	6.9	20.1
8 29	20 21.34	− 6 37.7	2.321	3.222	9.6	20.3
9 8	20 17.46	− 7 26.5	2.396	3.216	12.1	20.5

202222 2004 XG_{148} 7 30.7 143.°46 0.°2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.08	−18 0.5	2.313	3.199	10.5	20.7
7 10	20 58.39	−18 14.8	2.254	3.210	7.4	20.5
7 20	20 50.20	−18 32.9	2.220	3.220	3.9	20.3
7 30	20 41.19	−18 51.7	2.214	3.230	0.3	20.0
8 9	20 32.18	−19 8.5	2.238	3.239	3.4	20.3
8 19	20 23.98	−19 21.1	2.289	3.247	6.9	20.6
8 29	20 17.28	−19 28.2	2.367	3.255	9.9	20.8
9 8	20 12.56	−19 29.4	2.467	3.263	12.5	21.0

389750 2011 SY_{154} 7 30.7 321.°87 1.°7/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.60	−21 1.6	1.806	2.711	12.0	20.7
7 10	20 57.13	−21 37.4	1.741	2.706	8.5	20.4
7 20	20 49.73	−22 16.9	1.699	2.701	4.5	20.2
7 30	20 41.16	−22 55.1	1.683	2.696	1.7	20.0
8 9	20 32.44	−23 27.5	1.694	2.692	4.8	20.2
8 19	20 24.61	−23 50.7	1.730	2.688	8.7	20.4
8 29	20 18.59	−24 2.9	1.791	2.684	12.4	20.6
9 8	20 15.00	−24 4.1	1.872	2.680	15.4	20.9

313944 2004 RZ_{155} 7 30.7 200.°56 2.°9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.37	−26 55.1	2.333	3.230	10.0	20.2
7 10	20 58.00	−27 16.0	2.270	3.229	7.1	20.1
7 20	20 50.04	−27 34.4	2.232	3.228	4.3	19.9
7 30	20 41.18	−27 46.6	2.221	3.227	2.9	19.8
8 9	20 32.29	−27 49.8	2.238	3.226	4.9	19.9
8 19	20 24.22	−27 42.6	2.283	3.225	7.8	20.1
8 29	20 17.71	−27 25.3	2.353	3.224	10.6	20.3
9 8	20 13.26	−26 59.0	2.444	3.223	13.1	20.4

280638 2004 YB_{33} 7 30.7 299.°28 7.°3/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.40	− 0 3.7	1.669	2.517	15.7	20.1
7 10	20 56.42	+ 0 24.1	1.589	2.503	12.8	19.9
7 20	20 49.44	+ 0 31.5	1.530	2.490	9.8	19.6
7 30	20 41.15	+ 0 17.0	1.493	2.476	7.6	19.5
8 9	20 32.55	− 0 17.8	1.482	2.463	7.7	19.5
8 19	20 24.68	− 1 9.0	1.494	2.450	10.0	19.6
8 29	20 18.56	− 2 10.9	1.530	2.437	13.2	19.7
9 8	20 14.87	− 3 16.7	1.587	2.424	16.4	19.9

503903 2002 AR_{147} 7 30.7 201.°00 0.°9/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.82	−19 56.6	2.311	3.199	10.4	23.1
7 10	20 59.05	−20 21.8	2.237	3.195	7.3	22.9
7 20	20 50.63	−20 49.8	2.189	3.189	3.9	22.7
7 30	20 41.23	−21 17.3	2.169	3.183	0.9	22.4
8 9	20 31.68	−21 40.8	2.178	3.176	3.8	22.7
8 19	20 22.86	−21 57.9	2.215	3.169	7.3	22.9
8 29	20 15.54	−22 7.2	2.278	3.161	10.5	23.1
9 8	20 10.29	−22 8.6	2.364	3.152	13.2	23.2

480496 2015 LB_{33} 7 30.7 73.°02 2.°5/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.44	−22 52.3	1.973	2.876	11.2	21.1
7 10	20 56.88	−23 46.3	1.915	2.879	7.9	20.9
7 20	20 49.54	−24 42.2	1.881	2.882	4.4	20.7
7 30	20 41.15	−25 34.7	1.874	2.884	2.5	20.5
8 9	20 32.67	−26 18.9	1.895	2.887	5.1	20.7
8 19	20 25.03	−26 51.5	1.941	2.890	8.5	20.9
8 29	20 19.10	−27 11.0	2.012	2.893	11.8	21.1
9 8	20 15.43	−27 17.9	2.104	2.896	14.5	21.3

425734 2011 BM_{82} 7 30.7 96.°78 2.°8/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.70	−22 37.5	1.574	2.481	13.3	20.9
7 10	20 59.43	−23 33.7	1.525	2.491	9.3	20.7
7 20	20 50.97	−24 32.2	1.499	2.500	5.2	20.5
7 30	20 41.25	−25 26.2	1.499	2.509	2.8	20.4
8 9	20 31.52	−26 9.6	1.525	2.519	5.8	20.6
8 19	20 22.97	−26 38.7	1.576	2.528	9.9	20.8
8 29	20 16.60	−26 52.7	1.650	2.537	13.6	21.1
9 8	20 13.02	−26 52.5	1.744	2.545	16.7	21.3

505117 2012 DW_{69} 7 30.7 198.°02 1.°2/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.49	−14 58.0	1.541	2.434	14.4	21.5
7 10	21 0.74	−14 56.9	1.476	2.433	10.3	21.2
7 20	20 51.71	−15 4.2	1.433	2.432	5.8	21.0
7 30	20 41.31	−15 17.0	1.416	2.430	1.4	20.7
8 9	20 30.78	−15 31.6	1.425	2.428	4.5	20.9
8 19	20 21.35	−15 44.8	1.459	2.425	9.2	21.2
8 29	20 14.09	−15 54.1	1.518	2.422	13.4	21.4
9 8	20 9.67	−15 58.2	1.596	2.419	17.0	21.6

75212 1999 VK_{201} 7 30.7 225.°67 2.°0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.36	−22 33.4	1.724	2.624	12.8	19.9
7 10	21 1.32	−22 56.5	1.654	2.616	9.1	19.7
7 20	20 52.02	−23 21.0	1.607	2.608	4.9	19.4
7 30	20 41.34	−23 42.0	1.586	2.599	2.1	19.2
8 9	20 30.47	−23 55.1	1.593	2.589	5.2	19.4
8 19	20 20.61	−23 57.8	1.625	2.580	9.4	19.6
8 29	20 12.85	−23 49.5	1.682	2.569	13.3	19.9
9 8	20 7.87	−23 31.3	1.759	2.559	16.6	20.1

58350 1995 DN_6 7 30.7 19.°16 0.°3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.69	−15 37.6	1.252	2.165	15.6	19.2
7 10	20 56.91	−16 9.0	1.202	2.170	11.1	19.0
7 20	20 49.74	−16 51.8	1.173	2.176	5.9	18.7
7 30	20 41.18	−17 40.2	1.167	2.182	0.6	18.3
8 9	20 32.57	−18 27.7	1.186	2.190	4.9	18.7
8 19	20 25.23	−19 8.9	1.228	2.198	10.0	19.0
8 29	20 20.25	−19 39.8	1.291	2.207	14.5	19.3
9 8	20 18.25	−19 58.9	1.373	2.217	18.2	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
283684	2002 QL_{121}		7 30.7	326.°42	2.°2/31.9	18
	h m	° ′			°	m
6 30	21 0.22	−12 3.7	1.471	2.370	14.6	20.6
7 10	20 55.84	−12 12.0	1.393	2.352	10.7	20.4
7 20	20 49.23	−12 33.6	1.337	2.334	6.3	20.1
7 30	20 41.15	−13 6.1	1.304	2.317	2.4	19.8
8 9	20 32.74	−13 45.1	1.297	2.301	4.7	19.9
8 19	20 25.17	−14 25.7	1.313	2.285	9.4	20.1
8 29	20 19.58	−15 3.2	1.353	2.270	13.8	20.3
9 8	20 16.74	−15 34.0	1.411	2.256	17.7	20.5
365752	2010 WR_{55}		7 30.7	272.°91	1.°6/29.4	18
6 30	21 0.35	−20 57.4	2.436	3.332	9.6	20.8
7 10	20 55.26	−21 49.0	2.358	3.319	6.8	20.6
7 20	20 48.66	−22 44.2	2.305	3.306	3.6	20.4
7 30	20 41.12	−23 38.9	2.280	3.292	1.6	20.2
8 9	20 33.37	−24 29.0	2.284	3.279	4.1	20.3
8 19	20 26.18	−25 11.1	2.315	3.265	7.3	20.5
8 29	20 20.28	−25 43.0	2.372	3.252	10.2	20.7
9 8	20 16.23	−26 4.1	2.451	3.238	12.8	20.9
154863	2004 RY_{82}		7 30.7	228.°59	4.°1/ 3.3	18
6 30	20 59.06	− 3 1.5	2.335	3.183	11.8	20.3
7 10	20 54.26	− 3 22.2	2.260	3.181	9.2	20.1
7 20	20 48.08	− 3 58.1	2.208	3.180	6.5	19.9
7 30	20 41.08	− 4 47.7	2.183	3.178	4.4	19.8
8 9	20 33.95	− 5 47.9	2.185	3.176	4.6	19.8
8 19	20 27.39	− 6 54.5	2.214	3.175	6.9	19.9
8 29	20 22.08	− 8 3.1	2.269	3.173	9.6	20.1
9 8	20 18.50	− 9 9.3	2.348	3.171	12.2	20.3
122995	2000 SK_{250}		7 30.7	237.°89	0.°4/31.0	18
6 30	21 3.29	−14 36.4	1.982	2.870	11.9	20.2
7 10	20 57.55	−15 16.5	1.903	2.858	8.5	20.0
7 20	20 49.97	−16 6.1	1.848	2.847	4.6	19.7
7 30	20 41.22	−17 1.2	1.820	2.835	0.6	19.4
8 9	20 32.20	−17 57.0	1.820	2.822	3.8	19.6
8 19	20 23.87	−18 49.0	1.847	2.809	7.9	19.8
8 29	20 17.13	−19 33.6	1.899	2.796	11.6	20.0
9 8	20 12.62	−20 8.9	1.973	2.782	14.7	20.2
236407	2006 DC_{74}		7 30.7	266.°58	4.°2/ 2.6	18
6 30	21 1.71	− 4 37.8	1.864	2.725	13.8	21.2
7 10	20 56.54	− 5 0.6	1.777	2.709	10.6	21.0
7 20	20 49.49	− 5 41.6	1.712	2.691	7.2	20.7
7 30	20 41.19	− 6 39.4	1.672	2.674	4.5	20.5
8 9	20 32.55	− 7 50.0	1.659	2.656	5.1	20.5
8 19	20 24.53	− 9 7.9	1.673	2.638	8.3	20.7
8 29	20 18.07	−10 27.0	1.711	2.619	12.0	20.9
9 8	20 13.88	−11 41.8	1.772	2.601	15.3	21.1
61683	2000 QX_{125}		7 30.7	178.°74	1.°4/31.6	18
6 30	21 3.87	−13 3.1	1.801	2.688	12.9	19.6
7 10	20 57.95	−13 20.9	1.735	2.689	9.3	19.4
7 20	20 50.15	−13 48.7	1.692	2.689	5.3	19.1
7 30	20 41.24	−14 23.4	1.676	2.689	1.6	18.9
8 9	20 32.20	−15 0.8	1.687	2.690	4.0	19.0
8 19	20 24.03	−15 37.1	1.724	2.689	8.1	19.3
8 29	20 17.64	−16 9.0	1.785	2.689	11.8	19.5
9 8	20 13.61	−16 34.2	1.868	2.688	15.0	19.7
138309	2000 GY_{60}		7 30.7	108.°31	1.°2/30.1	18
6 30	21 7.01	−19 44.4	1.683	2.582	13.1	20.1
7 10	21 0.15	−20 15.9	1.635	2.597	9.1	19.9
7 20	20 51.28	−20 51.2	1.610	2.612	4.8	19.6
7 30	20 41.32	−21 25.4	1.612	2.626	1.2	19.4
8 9	20 31.42	−21 53.9	1.640	2.640	4.6	19.7
8 19	20 22.69	−22 13.7	1.695	2.653	8.8	20.0
8 29	20 16.02	−22 23.6	1.774	2.667	12.5	20.2
9 8	20 11.97	−22 23.7	1.873	2.679	15.5	20.5
224099	2005 OP_{16}		7 30.7	355.°92	0.°7/31.1	18
6 30	20 59.94	−15 43.8	1.054	1.977	16.9	19.4
7 10	20 56.08	−15 56.7	0.999	1.971	12.1	19.1
7 20	20 49.49	−16 22.0	0.963	1.967	6.6	18.8
7 30	20 41.20	−16 54.9	0.949	1.964	0.9	18.4
8 9	20 32.75	−17 29.1	0.957	1.962	5.4	18.7
8 19	20 25.64	−17 59.0	0.986	1.962	11.1	19.0
8 29	20 21.18	−18 20.3	1.036	1.963	16.1	19.3
9 8	20 20.08	−18 30.7	1.102	1.966	20.3	19.6
353338	2010 RP_{16}		7 30.7	14.°51	0.°2/30.9	18
6 30	21 5.09	−18 28.6	1.726	2.625	12.8	19.9
7 10	20 58.80	−18 9.9	1.666	2.628	9.1	19.7
7 20	20 50.57	−17 54.6	1.630	2.631	4.9	19.5
7 30	20 41.28	−17 40.6	1.619	2.634	0.5	19.1
8 9	20 31.99	−17 25.8	1.636	2.639	4.1	19.4
8 19	20 23.76	−17 8.9	1.678	2.643	8.3	19.7
8 29	20 17.47	−16 49.2	1.745	2.648	12.1	20.0
9 8	20 13.66	−16 26.4	1.832	2.654	15.2	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
484207	2007 AD_{30}		7 30.7	283.°33	0.°3/30.5	17
	h m	° ′			°	m
6 30	21 1.14	−15 49.3	2.189	3.080	10.8	21.6
7 10	20 56.04	−16 49.4	2.096	3.054	7.7	21.4
7 20	20 49.21	−17 59.1	2.028	3.028	4.1	21.1
7 30	20 41.20	−19 14.2	1.987	3.002	0.4	20.8
8 9	20 32.82	−20 29.2	1.975	2.976	3.8	21.0
8 19	20 24.92	−21 39.2	1.991	2.949	7.7	21.2
8 29	20 18.38	−22 40.0	2.032	2.922	11.2	21.4
9 8	20 13.87	−23 29.4	2.096	2.895	14.3	21.5
520480	2014 KZ_{110}		7 30.7	37.°81	4.°0/ 1.9	18
6 30	21 2.70	− 7 54.1	1.858	2.730	13.3	20.4
7 10	20 56.95	− 7 24.0	1.802	2.741	10.1	20.2
7 20	20 49.54	− 7 6.2	1.769	2.752	6.7	20.0
7 30	20 41.21	− 7 0.0	1.761	2.764	4.2	19.9
8 9	20 32.90	− 7 3.8	1.780	2.775	5.0	20.0
8 19	20 25.49	− 7 14.9	1.825	2.788	8.0	20.2
8 29	20 19.76	− 7 30.4	1.895	2.800	11.1	20.4
9 8	20 16.19	− 7 46.8	1.986	2.813	14.0	20.6
481309	2005 YS_{269}		7 30.7	312.°53	0.°3/30.9	18
6 30	21 4.08	−18 1.9	2.183	3.073	10.9	20.7
7 10	20 57.86	−17 48.8	2.110	3.067	7.7	20.5
7 20	20 50.03	−17 38.8	2.062	3.062	4.2	20.3
7 30	20 41.26	−17 29.9	2.042	3.057	0.4	20.0
8 9	20 32.41	−17 20.3	2.050	3.052	3.5	20.2
8 19	20 24.34	−17 8.7	2.085	3.047	7.2	20.4
8 29	20 17.80	−16 54.2	2.146	3.042	10.5	20.6
9 8	20 13.32	−16 36.4	2.229	3.038	13.3	20.8
424479	2008 CV_{210}		7 30.7	164.°97	1.°6/29.8	17
6 30	21 6.60	−20 22.9	1.746	2.645	12.7	22.2
7 10	20 59.97	−21 8.0	1.687	2.649	8.9	22.0
7 20	20 51.27	−21 57.3	1.651	2.653	4.7	21.7
7 30	20 41.35	−22 45.2	1.642	2.656	1.7	21.5
8 9	20 31.33	−23 26.3	1.661	2.658	4.9	21.7
8 19	20 22.32	−23 57.0	1.705	2.660	9.0	22.0
8 29	20 15.31	−24 15.6	1.774	2.662	12.7	22.2
9 8	20 10.90	−24 22.4	1.863	2.663	15.8	22.4
92237	2000 AO_{120}		7 30.8	223.°54	1.°8/ 1.2	18 R
6 30	21 0.00	−10 46.9	2.668	3.538	9.8	19.9
7 10	20 54.82	−11 0.4	2.589	3.532	7.2	19.7
7 20	20 48.36	−11 22.2	2.535	3.526	4.3	19.5
7 30	20 41.15	−11 50.4	2.509	3.519	1.9	19.4
8 9	20 33.82	−12 22.7	2.511	3.512	3.1	19.4
8 19	20 27.00	−12 56.2	2.542	3.505	6.0	19.6
8 29	20 21.31	−13 28.6	2.600	3.498	8.8	19.8
9 8	20 17.20	−13 57.6	2.681	3.491	11.2	20.0
478641	2012 TY_{195}		7 30.8	260.°16	6.°9/ 3.8	18
6 30	21 2.90	+ 1 33.5	2.144	2.966	13.6	21.9
7 10	20 57.21	+ 2 4.4	2.051	2.947	11.2	21.7
7 20	20 49.80	+ 2 18.3	1.980	2.926	8.8	21.5
7 30	20 41.26	+ 2 13.8	1.934	2.906	7.1	21.4
8 9	20 32.39	+ 1 51.6	1.914	2.884	7.2	21.3
8 19	20 24.05	+ 1 14.1	1.920	2.863	9.0	21.4
8 29	20 17.08	+ 0 25.5	1.951	2.841	11.7	21.5
9 8	20 12.13	− 0 29.0	2.004	2.818	14.3	21.7
235347	2003 UP_{260}		7 30.8	332.°06	4.°0/28.4	18
6 30	21 4.82	−26 44.6	1.711	2.618	12.4	20.2
7 10	20 58.85	−27 31.2	1.652	2.616	8.9	20.0
7 20	20 50.73	−28 16.2	1.616	2.614	5.5	19.8
7 30	20 41.32	−28 53.5	1.606	2.611	4.0	19.7
8 9	20 31.81	−29 17.8	1.623	2.609	6.5	19.8
8 19	20 23.35	−29 26.6	1.664	2.608	10.1	20.0
8 29	20 16.97	−29 19.8	1.728	2.606	13.5	20.2
9 8	20 13.27	−28 59.3	1.812	2.604	16.5	20.5
1795	Woltjer		7 30.8	25.°34	5.°1/ 2.9	18
6 30	20 59.85	− 4 53.8	1.416	2.296	16.2	15.4
7 10	20 55.35	− 4 57.3	1.365	2.306	12.4	15.2
7 20	20 48.84	− 5 21.2	1.335	2.317	8.5	15.0
7 30	20 41.19	− 6 3.7	1.327	2.329	5.4	14.9
8 9	20 33.52	− 6 59.9	1.344	2.341	5.9	15.0
8 19	20 26.91	− 8 3.7	1.385	2.355	9.2	15.2
8 29	20 22.29	− 9 8.3	1.449	2.369	12.9	15.4
9 8	20 20.22	−10 8.2	1.533	2.384	16.2	15.7
7296	Lamarck		7 30.8	205.°08	0.°8/31.2	18
6 30	21 5.43	−14 38.5	1.522	2.418	14.3	17.7
7 10	20 59.37	−15 4.0	1.457	2.417	10.3	17.5
7 20	20 51.05	−15 40.0	1.415	2.415	5.6	17.2
7 30	20 41.35	−16 22.3	1.398	2.413	1.0	16.9
8 9	20 31.48	−17 5.5	1.407	2.411	4.5	17.1
8 19	20 22.64	−17 44.8	1.442	2.408	9.3	17.4
8 29	20 15.92	−18 16.6	1.500	2.406	13.5	17.7
9 8	20 12.01	−18 39.2	1.578	2.403	17.1	17.9

106243 2000 UX_{47} 7 30.8 252.°40 4.°2/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.09	− 7 47.4	1.530	2.408	15.3	19.9
7 10	20 59.19	− 7 39.7	1.454	2.398	11.6	19.6
7 20	20 51.01	− 7 47.9	1.401	2.387	7.6	19.4
7 30	20 41.36	− 8 10.9	1.371	2.377	4.4	19.2
8 9	20 31.40	− 8 45.3	1.367	2.366	5.5	19.2
8 19	20 22.33	− 9 26.8	1.388	2.354	9.5	19.4
8 29	20 15.29	−10 10.3	1.432	2.343	13.7	19.6
9 8	20 11.01	−10 51.1	1.497	2.331	17.4	19.8

429624 2011 FV_{44} 7 30.8 127.°44 2.°5/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 4.00	− 9 20.4	1.903	2.777	13.0	22.4
7 10	20 57.89	− 9 45.2	1.845	2.789	9.5	22.2
7 20	20 50.07	−10 22.6	1.811	2.801	5.8	22.0
7 30	20 41.29	−11 9.6	1.802	2.812	2.7	21.8
8 9	20 32.46	−12 1.9	1.822	2.823	4.0	21.9
8 19	20 24.51	−12 55.0	1.868	2.833	7.6	22.2
8 29	20 18.24	−13 44.8	1.940	2.843	11.1	22.4
9 8	20 14.18	−14 28.4	2.035	2.853	14.0	22.6

35780 1999 JR_{18} 7 30.8 2.°79 2.°5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 2.36	−23 6.9	1.076	2.005	16.2	17.4
7 10	20 57.76	−23 13.3	1.027	2.002	11.5	17.2
7 20	20 50.35	−23 20.9	0.997	2.002	6.3	16.9
7 30	20 41.31	−23 23.8	0.990	2.003	2.5	16.7
8 9	20 32.26	−23 17.5	1.004	2.006	6.4	16.9
8 19	20 24.76	−22 59.8	1.041	2.010	11.6	17.2
8 29	20 20.04	−22 31.0	1.097	2.016	16.2	17.5
9 8	20 18.73	−21 52.7	1.171	2.023	20.1	17.8

288287 2004 AB_{13} 7 30.8 162.°57 0.°5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 3.10	−18 14.0	2.313	3.203	10.4	21.6
7 10	20 57.12	−18 47.9	2.249	3.207	7.3	21.4
7 20	20 49.63	−19 26.3	2.211	3.212	3.8	21.2
7 30	20 41.26	−20 5.5	2.200	3.215	0.6	21.0
8 9	20 32.82	−20 41.9	2.218	3.219	3.6	21.2
8 19	20 25.09	−21 12.6	2.264	3.221	7.0	21.4
8 29	20 18.80	−21 35.7	2.336	3.224	10.1	21.6
9 8	20 14.44	−21 50.5	2.430	3.226	12.7	21.8

448650 2010 VD_{104} 7 30.8 287.°82 1.°5/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.81	−12 44.0	2.225	3.108	11.0	21.5
7 10	20 55.66	−12 55.0	2.140	3.091	8.0	21.3
7 20	20 48.94	−13 14.5	2.079	3.074	4.7	21.0
7 30	20 41.22	−13 40.4	2.044	3.057	1.6	20.8
8 9	20 33.27	−14 9.7	2.038	3.040	3.5	20.9
8 19	20 25.91	−14 39.6	2.058	3.023	7.0	21.1
8 29	20 19.89	−15 7.1	2.104	3.006	10.4	21.3
9 8	20 15.80	−15 30.0	2.173	2.989	13.3	21.4

148457 2000 YB_{88} 7 30.8 123.°16 0.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.76	−18 21.2	2.369	3.262	10.0	20.1
7 10	20 55.48	−19 18.4	2.308	3.268	7.0	19.9
7 20	20 48.76	−20 20.7	2.273	3.274	3.7	19.7
7 30	20 41.20	−21 23.6	2.265	3.280	0.9	19.5
8 9	20 33.55	−22 22.7	2.287	3.285	3.7	19.7
8 19	20 26.55	−23 14.4	2.336	3.291	7.0	19.9
8 29	20 20.90	−23 56.3	2.411	3.296	9.9	20.1
9 8	20 17.08	−24 27.5	2.509	3.301	12.4	20.3

402794 2007 DL_{50} 7 30.8 204.°71 0.°1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.66	−15 52.3	2.377	3.265	10.2	21.5
7 10	20 55.43	−16 39.6	2.306	3.262	7.2	21.3
7 20	20 48.76	−17 33.7	2.260	3.260	3.8	21.1
7 30	20 41.20	−18 31.1	2.242	3.258	0.3	20.8
8 9	20 33.51	−19 27.4	2.253	3.255	3.3	21.1
8 19	20 26.42	−20 19.0	2.292	3.252	6.8	21.3
8 29	20 20.63	−21 3.1	2.357	3.249	9.8	21.5
9 8	20 16.66	−21 38.2	2.445	3.245	12.5	21.6

477119 2009 CR_{28} 7 30.8 317.°32 0.°0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.35	−15 44.7	1.746	2.645	12.7	21.1
7 10	20 56.34	−16 24.2	1.677	2.638	9.0	20.8
7 20	20 49.40	−17 12.9	1.631	2.632	4.8	20.6
7 30	20 41.25	−18 6.5	1.610	2.625	0.4	20.2
8 9	20 32.91	−18 59.6	1.616	2.619	4.2	20.5
8 19	20 25.38	−19 47.5	1.648	2.612	8.5	20.8
8 29	20 19.61	−20 26.6	1.704	2.607	12.3	21.0
9 8	20 16.24	−20 55.2	1.780	2.601	15.6	21.2

432880 2011 KV_{25} 7 30.8 42.°79 8.°8/ 5.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.54	+ 3 42.8	1.549	2.384	17.4	20.9
7 10	20 56.45	+ 4 15.3	1.494	2.394	14.4	20.7
7 20	20 49.42	+ 4 22.3	1.459	2.404	11.5	20.5
7 30	20 41.28	+ 4 2.7	1.446	2.415	9.3	20.4
8 9	20 33.09	+ 3 18.8	1.457	2.427	9.0	20.4
8 19	20 25.88	+ 2 15.9	1.491	2.439	10.7	20.6
8 29	20 20.55	+ 1 1.3	1.548	2.451	13.3	20.8
9 8	20 17.69	− 0 17.3	1.625	2.463	16.0	21.0

520148 2014 BM_{69} 7 30.8 263.°48 0.°6/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.68	−19 39.0	1.887	2.781	12.1	21.7
7 10	21 0.09	−19 45.8	1.804	2.763	8.6	21.5
7 20	20 51.42	−19 55.9	1.744	2.745	4.6	21.2
7 30	20 41.43	−20 5.7	1.712	2.727	0.7	20.9
8 9	20 31.16	−20 12.1	1.707	2.708	4.3	21.1
8 19	20 21.69	−20 12.6	1.729	2.689	8.5	21.3
8 29	20 14.03	−20 6.2	1.776	2.669	12.4	21.5
9 8	20 8.86	−19 52.7	1.843	2.649	15.7	21.7

282324 2002 TB_{231} 7 30.8 304.°69 0.°4/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.70	−13 58.6	1.693	2.590	13.1	19.9
7 10	20 56.10	−14 50.8	1.607	2.567	9.4	19.6
7 20	20 49.41	−15 56.5	1.543	2.543	5.2	19.3
7 30	20 41.30	−17 11.0	1.505	2.520	0.6	18.9
8 9	20 32.74	−18 28.2	1.494	2.497	4.3	19.1
8 19	20 24.86	−19 41.4	1.508	2.474	9.0	19.4
8 29	20 18.70	−20 45.3	1.547	2.452	13.2	19.6
9 8	20 15.08	−21 36.8	1.605	2.430	16.9	19.8

107159 2001 BP_{18} 7 30.8 275.°53 2.°7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.59	−21 49.2	1.430	2.340	14.2	19.7
7 10	20 59.83	−22 42.7	1.361	2.329	10.1	19.5
7 20	20 51.48	−23 41.6	1.315	2.317	5.5	19.2
7 30	20 41.45	−24 38.4	1.294	2.306	2.7	19.0
8 9	20 31.08	−25 26.0	1.298	2.294	6.2	19.2
8 19	20 21.79	−25 59.3	1.326	2.282	10.9	19.4
8 29	20 14.83	−26 16.2	1.376	2.270	15.3	19.6
9 8	20 11.00	−26 17.3	1.445	2.259	18.9	19.8

86233 1999 TT_{111} 7 30.8 5.°46 7.°0/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 7.47	−35 44.4	1.602	2.504	13.4	18.5
7 10	21 0.83	−36 9.2	1.552	2.504	10.4	18.3
7 20	20 51.79	−36 22.2	1.525	2.506	7.8	18.2
7 30	20 41.46	−36 17.0	1.522	2.508	7.1	18.1
8 9	20 31.27	−35 50.4	1.543	2.511	8.8	18.2
8 19	20 22.52	−35 3.0	1.589	2.515	11.7	18.4
8 29	20 16.26	−33 58.4	1.656	2.519	14.7	18.6
9 8	20 13.03	−32 41.4	1.742	2.525	17.4	18.8

326912 2003 WM_{172} 7 30.8 246.°46 0.°8/31.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.05	−13 40.9	1.754	2.643	13.2	21.5
7 10	20 59.09	−14 21.0	1.671	2.627	9.5	21.2
7 20	20 50.98	−15 13.1	1.612	2.610	5.3	21.0
7 30	20 41.43	−16 12.8	1.579	2.593	1.0	20.6
8 9	20 31.50	−17 14.7	1.573	2.575	4.2	20.8
8 19	20 22.30	−18 13.3	1.593	2.557	8.8	21.0
8 29	20 14.90	−19 4.1	1.639	2.538	12.9	21.3
9 8	20 10.06	−19 44.7	1.705	2.519	16.5	21.4

210362 2007 UF_{61} 7 30.8 345.°57 0.°9/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.99	−14 37.3	1.708	2.605	13.0	20.2
7 10	20 56.78	−14 56.6	1.643	2.602	9.3	20.0
7 20	20 49.63	−15 25.1	1.600	2.600	5.2	19.7
7 30	20 41.34	−15 59.5	1.583	2.597	1.0	19.4
8 9	20 32.90	−16 35.3	1.592	2.595	4.0	19.6
8 19	20 25.34	−17 8.6	1.627	2.594	8.3	19.9
8 29	20 19.59	−17 36.2	1.685	2.592	12.2	20.1
9 8	20 16.26	−17 56.1	1.765	2.591	15.5	20.4

474507 2003 UP_{83} 7 30.8 299.°69 2.°9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 5.46	−24 23.0	1.664	2.571	12.8	21.0
7 10	20 59.55	−24 49.1	1.583	2.548	9.1	20.7
7 20	20 51.29	−25 15.9	1.525	2.525	5.2	20.5
7 30	20 41.47	−25 37.8	1.492	2.503	2.9	20.3
8 9	20 31.29	−25 50.1	1.486	2.480	5.9	20.4
8 19	20 22.01	−25 49.8	1.504	2.458	10.1	20.6
8 29	20 14.79	−25 36.3	1.546	2.436	14.1	20.8
9 8	20 10.41	−25 10.9	1.607	2.414	17.6	21.0

119789 2002 AG_{85} 7 30.8 181.°78 3.°5/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 1.93	− 7 24.0	2.252	3.115	11.7	19.9
7 10	20 56.32	− 7 11.9	2.181	3.115	8.8	19.8
7 20	20 49.25	− 7 10.9	2.134	3.115	5.9	19.6
7 30	20 41.32	− 7 19.9	2.113	3.115	3.6	19.4
8 9	20 33.30	− 7 37.2	2.120	3.115	4.3	19.5
8 19	20 25.93	− 8 0.1	2.154	3.115	7.0	19.7
8 29	20 19.93	− 8 25.7	2.213	3.114	10.0	19.8
9 8	20 15.80	− 8 51.0	2.296	3.114	12.6	20.0

79049 4207 T_{-2} 7 30.8 317.°71 4.°6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
6 30	21 0.17	− 4 58.2	1.581	2.455	15.1	19.7
7 10	20 55.69	− 5 12.2	1.505	2.443	11.7	19.4
7 20	20 49.17	− 5 46.2	1.450	2.432	8.0	19.2
7 30	20 41.34	− 6 38.6	1.418	2.421	5.0	19.0
8 9	20 33.21	− 7 45.1	1.412	2.410	5.5	19.0
8 19	20 25.88	− 8 59.8	1.431	2.400	9.0	19.2
8 29	20 20.34	−10 15.7	1.473	2.390	13.0	19.4
9 8	20 17.31	−11 26.9	1.536	2.380	16.5	19.6

277291 2005 SH_{105} 7 30.8 335.°95 8.°7/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.61	−39 52.6	1.849	2.741	12.4	19.5
7 10	20 59.66	−41 11.0	1.798	2.734	10.3	19.3
7 20	20 51.30	−42 17.3	1.770	2.728	8.8	19.2
7 30	20 41.49	−43 3.5	1.766	2.722	8.9	19.2
8 9	20 31.54	−43 24.4	1.786	2.716	10.5	19.3
8 19	20 22.74	−43 18.7	1.828	2.711	12.8	19.4
8 29	20 16.22	−42 48.8	1.892	2.706	15.2	19.6
9 8	20 12.66	−41 59.2	1.972	2.702	17.3	19.7

262029 2006 QH_{121} 7 30.8 310.°39 4.°8/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.93	− 6 28.8	1.313	2.200	16.8	20.4
7 10	20 57.27	− 6 29.9	1.239	2.186	12.9	20.1
7 20	20 50.16	− 6 51.8	1.186	2.173	8.6	19.8
7 30	20 41.42	− 7 33.2	1.155	2.161	5.1	19.6
8 9	20 32.30	− 8 29.9	1.148	2.148	6.1	19.6
8 19	20 24.13	− 9 35.3	1.165	2.137	10.3	19.8
8 29	20 18.14	−10 42.2	1.204	2.125	14.8	20.1
9 8	20 15.17	−11 44.2	1.261	2.114	18.9	20.3

329763 2004 FY_{93} 7 30.8 59.°11 0.°2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.81	−15 42.6	1.364	2.269	15.1	20.6
7 10	20 58.94	−16 15.6	1.319	2.283	10.7	20.4
7 20	20 50.82	−16 58.2	1.297	2.298	5.7	20.1
7 30	20 41.46	−17 45.1	1.299	2.314	0.5	19.8
8 9	20 32.17	−18 30.2	1.326	2.329	4.7	20.2
8 19	20 24.17	−19 8.6	1.377	2.345	9.5	20.5
8 29	20 18.48	−19 37.4	1.452	2.361	13.7	20.8
9 8	20 15.65	−19 55.2	1.546	2.377	17.1	21.0

342026 2008 RY_{99} 7 30.8 251.°62 1.°6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.49	−11 47.4	2.116	2.994	11.7	21.8
7 10	20 57.71	−12 13.6	2.026	2.975	8.6	21.6
7 20	20 50.15	−12 50.5	1.961	2.955	5.0	21.3
7 30	20 41.42	−13 35.4	1.922	2.935	1.7	21.1
8 9	20 32.37	−14 24.5	1.911	2.914	3.7	21.2
8 19	20 23.89	−15 13.7	1.929	2.892	7.5	21.4
8 29	20 16.86	−15 59.2	1.972	2.870	11.1	21.6
9 8	20 11.93	−16 38.5	2.037	2.848	14.3	21.7

98952 2001 CW_{28} 7 30.8 95.°17 1.°5/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.59	−19 27.7	2.284	3.180	10.2	19.0
7 10	20 55.49	−20 36.2	2.221	3.183	7.1	18.8
7 20	20 48.86	−21 49.6	2.184	3.186	3.8	18.6
7 30	20 41.33	−23 2.9	2.175	3.188	1.5	18.4
8 9	20 33.66	−24 11.0	2.195	3.191	4.1	18.6
8 19	20 26.64	−25 9.9	2.242	3.193	7.4	18.8
8 29	20 21.00	−25 57.1	2.315	3.196	10.4	19.0
9 8	20 17.28	−26 31.7	2.410	3.199	13.0	19.2

48519 1993 FC_{37} 7 30.8 72.°56 3.°4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.80	− 8 4.9	1.444	2.328	15.7	18.9
7 10	20 58.16	− 8 24.8	1.393	2.340	11.7	18.7
7 20	20 50.40	− 9 2.1	1.363	2.353	7.3	18.5
7 30	20 41.44	− 9 53.5	1.357	2.365	3.7	18.3
8 9	20 32.47	−10 53.2	1.376	2.378	5.0	18.4
8 19	20 24.62	−11 55.2	1.420	2.390	9.0	18.7
8 29	20 18.87	−12 53.9	1.488	2.402	13.0	18.9
9 8	20 15.81	−13 44.8	1.577	2.415	16.5	19.2

434759 2006 HG_{104} 7 30.8 43.°31 5.°6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.31	− 1 5.7	1.626	2.482	15.7	20.9
7 10	20 55.57	− 1 28.5	1.567	2.491	12.3	20.7
7 20	20 48.99	− 2 14.0	1.530	2.501	8.8	20.5
7 30	20 41.34	− 3 20.1	1.516	2.510	6.1	20.4
8 9	20 33.62	− 4 41.8	1.528	2.520	6.1	20.4
8 19	20 26.79	− 6 12.1	1.566	2.531	8.8	20.6
8 29	20 21.74	− 7 43.7	1.627	2.541	12.1	20.8
9 8	20 19.02	− 9 10.0	1.711	2.552	15.2	21.0

43538 2001 EJ_{6} 7 30.8 321.°31 1.°7/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.27	−10 21.9	2.256	3.133	11.1	18.6
7 10	20 54.54	−11 1.6	2.183	3.131	8.1	18.4
7 20	20 48.36	−11 52.5	2.135	3.128	4.8	18.2
7 30	20 41.30	−12 51.5	2.114	3.126	1.9	18.0
8 9	20 34.10	−13 54.6	2.121	3.124	3.3	18.1
8 19	20 27.50	−14 57.5	2.156	3.122	6.7	18.3
8 29	20 22.21	−15 56.2	2.217	3.120	9.9	18.5
9 8	20 18.73	−16 47.8	2.300	3.118	12.6	18.7

61733 2000 QU_{150} 7 30.8 354.°01 11.°8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 57.62	+ 6 11.4	1.226	2.071	20.4	17.0
7 10	20 54.22	+ 7 4.0	1.164	2.065	17.5	16.8
7 20	20 48.51	+ 7 24.5	1.119	2.059	14.6	16.6
7 30	20 41.32	+ 7 8.9	1.093	2.055	12.4	16.5
8 9	20 33.88	+ 6 17.9	1.086	2.052	11.8	16.5
8 19	20 27.44	+ 4 57.3	1.101	2.051	13.3	16.5
8 29	20 23.15	+ 3 17.1	1.136	2.051	16.0	16.7
9 8	20 21.76	+ 1 28.7	1.189	2.053	19.1	16.9

179713 2002 RJ_{59} 7 30.8 0.°24 3.°9/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.85	− 9 41.7	1.158	2.062	17.3	19.7
7 10	20 57.27	− 9 33.2	1.102	2.060	13.0	19.4
7 20	20 50.14	− 9 42.5	1.064	2.058	8.1	19.2
7 30	20 41.44	−10 7.6	1.048	2.058	4.2	18.9
8 9	20 32.59	−10 44.0	1.056	2.059	5.8	19.0
8 19	20 24.97	−11 25.7	1.086	2.060	10.5	19.3
8 29	20 19.80	−12 7.0	1.136	2.062	15.1	19.6
9 8	20 17.78	−12 42.7	1.205	2.066	19.1	19.9

445013 2008 HC_{37} 7 30.8 79.°34 4.°5/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.47	−30 16.0	2.198	3.098	10.4	21.1
7 10	20 57.62	−31 11.8	2.144	3.100	7.7	21.0
7 20	20 50.03	−32 3.6	2.114	3.103	5.3	20.8
7 30	20 41.44	−32 45.9	2.111	3.105	4.6	20.8
8 9	20 32.78	−33 14.6	2.135	3.108	6.4	20.9
8 19	20 24.97	−33 27.8	2.186	3.110	9.1	21.1
8 29	20 18.82	−33 25.5	2.259	3.113	11.7	21.2
9 8	20 14.88	−33 9.5	2.354	3.115	14.0	21.4

8987 1978 VD_{4} 7 30.8 4.°04 2.°4/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.53	−22 9.5	1.489	2.401	13.6	17.8
7 10	20 58.14	−22 50.0	1.433	2.401	9.6	17.5
7 20	20 50.48	−23 33.6	1.399	2.401	5.2	17.3
7 30	20 41.48	−24 14.3	1.390	2.402	2.4	17.1
8 9	20 32.37	−24 46.2	1.406	2.403	5.7	17.3
8 19	20 24.40	−25 5.8	1.446	2.404	10.0	17.6
8 29	20 18.61	−25 11.9	1.509	2.406	14.0	17.8
9 8	20 15.65	−25 5.0	1.591	2.409	17.3	18.0

295269 2008 GF_{69} 7 30.8 12.°12 12.°4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.03	+20 14.0	2.168	2.868	17.0	20.2
7 10	20 54.47	+21 0.5	2.101	2.869	15.6	20.1
7 20	20 48.36	+21 19.1	2.049	2.871	14.2	20.0
7 30	20 41.32	+21 6.6	2.017	2.873	13.0	19.9
8 9	20 34.13	+20 22.9	2.005	2.875	12.4	19.8
8 19	20 27.59	+19 10.6	2.015	2.878	12.6	19.9
8 29	20 22.45	+17 35.5	2.046	2.880	13.5	19.9
9 8	20 19.25	+15 45.4	2.097	2.883	14.7	20.0

41080 1999 VX_{45} 7 30.8 53.°45 9.°2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.40	+ 9 32.9	2.161	2.940	14.9	18.0
7 10	20 55.32	+10 15.1	2.098	2.947	12.9	17.9
7 20	20 48.76	+10 35.2	2.055	2.955	11.0	17.8
7 30	20 41.35	+10 31.5	2.034	2.963	9.6	17.7
8 9	20 33.85	+10 4.5	2.037	2.971	9.2	17.7
8 19	20 27.02	+ 9 17.5	2.065	2.979	10.0	17.8
8 29	20 21.58	+ 8 15.3	2.115	2.987	11.6	17.9
9 8	20 18.03	+ 7 4.3	2.188	2.996	13.5	18.1

283716 2002 TU_{148} 7 30.8 289.°51 5.°6/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.02	− 4 2.1	1.872	2.728	13.9	19.9
7 10	20 57.51	− 3 28.2	1.786	2.711	11.0	19.7
7 20	20 50.11	− 3 8.9	1.722	2.693	8.0	19.5
7 30	20 41.47	− 3 4.8	1.683	2.675	5.8	19.3
8 9	20 32.52	− 3 15.2	1.670	2.657	6.2	19.3
8 19	20 24.22	− 3 37.4	1.682	2.639	9.0	19.4
8 29	20 17.52	− 4 7.7	1.719	2.622	12.2	19.6
9 8	20 13.07	− 4 41.7	1.777	2.604	15.4	19.8

420820 2013 HZ_{94} 7 30.8 323.°21 6.°3/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.65	−27 55.4	0.986	1.918	17.1	19.9
7 10	21 0.17	−28 47.1	0.922	1.897	12.6	19.6
7 20	20 52.13	−29 37.5	0.877	1.876	8.1	19.2
7 30	20 41.64	−30 15.7	0.852	1.857	6.4	19.1
8 9	20 30.60	−30 32.0	0.848	1.839	9.8	19.2
8 19	20 21.08	−30 21.9	0.864	1.822	15.0	19.4
8 29	20 14.86	−29 46.6	0.898	1.806	20.0	19.6
9 8	20 12.91	−28 50.8	0.947	1.792	24.3	19.9

200288 2000 AZ_{61} 7 30.8 283.°01 0.°3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.12	−19 9.4	1.903	2.796	12.1	19.6
7 10	21 0.51	−19 5.3	1.811	2.769	8.7	19.3
7 20	20 51.76	−19 4.0	1.742	2.743	4.7	19.0
7 30	20 41.61	−19 2.8	1.700	2.715	0.4	18.6
8 9	20 31.07	−18 58.8	1.686	2.688	4.2	18.9
8 19	20 21.26	−18 50.1	1.699	2.660	8.6	19.1
8 29	20 13.21	−18 35.8	1.737	2.632	12.5	19.2
9 8	20 7.67	−18 15.8	1.796	2.604	16.0	19.4

45314 2000 AP_{60} 7 30.8 300.°11 0.°4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.55	−17 37.5	1.377	2.283	15.0	18.0
7 10	21 0.66	−17 29.7	1.295	2.260	10.8	17.7
7 20	20 52.06	−17 28.0	1.235	2.237	5.9	17.4
7 30	20 41.63	−17 29.1	1.199	2.214	0.6	16.9
8 9	20 30.72	−17 29.4	1.188	2.192	5.1	17.2
8 19	20 20.79	−17 26.0	1.201	2.169	10.5	17.4
8 29	20 13.20	−17 17.2	1.236	2.147	15.4	17.7
9 8	20 8.84	−17 2.3	1.290	2.126	19.5	17.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
92889	2000 QZ_{230}		7 30.8	287.°44	3.°2/29.0	18
	h m	° ′			°	m
6 30	21 5.61	−24 33.0	1.649	2.556	12.9	20.0
7 10	20 59.70	−25 13.7	1.572	2.537	9.2	19.7
7 20	20 51.42	−25 55.8	1.518	2.518	5.3	19.5
7 30	20 41.58	−26 33.0	1.490	2.499	3.3	19.3
8 9	20 31.39	−26 59.6	1.488	2.480	6.2	19.4
8 19	20 22.11	−27 12.2	1.510	2.461	10.3	19.6
8 29	20 14.92	−27 9.8	1.556	2.442	14.3	19.8
9 8	20 10.60	−26 53.5	1.621	2.423	17.7	20.0
311965	2007 DP_{89}		7 30.8	151.°24	1.°2/29.9	18
6 30	21 2.92	−21 17.6	2.479	3.371	9.7	21.1
7 10	20 56.96	−21 38.0	2.416	3.375	6.8	21.0
7 20	20 49.60	−21 59.9	2.379	3.379	3.6	20.8
7 30	20 41.44	−22 20.3	2.369	3.383	1.2	20.6
8 9	20 33.24	−22 36.3	2.388	3.386	3.6	20.8
8 19	20 25.74	−22 46.2	2.435	3.389	6.7	21.0
8 29	20 19.61	−22 48.9	2.508	3.392	9.6	21.2
9 8	20 15.32	−22 44.4	2.604	3.395	12.0	21.4
474183	1999 VD_{136}		7 30.8	311.°96	10.°1/ 4.3	17
6 30	21 1.19	+ 4 1.0	1.562	2.395	17.3	21.0
7 10	20 56.62	+ 5 1.1	1.471	2.368	14.8	20.7
7 20	20 49.83	+ 5 38.9	1.400	2.340	12.2	20.5
7 30	20 41.48	+ 5 50.2	1.350	2.313	10.4	20.3
8 9	20 32.58	+ 5 33.5	1.322	2.286	10.4	20.3
8 19	20 24.29	+ 4 51.2	1.317	2.259	12.3	20.3
8 29	20 17.77	+ 3 48.7	1.334	2.234	15.3	20.4
9 8	20 13.91	+ 2 34.3	1.369	2.208	18.5	20.6
313313	2002 EW_{39}		7 30.8	153.°60	0.°6/31.1	17
6 30	21 7.73	−14 57.5	1.768	2.654	13.2	22.2
7 10	21 0.73	−15 24.8	1.708	2.663	9.4	22.0
7 20	20 51.74	−16 0.4	1.673	2.672	5.1	21.8
7 30	20 41.61	−16 40.4	1.664	2.679	0.8	21.5
8 9	20 31.42	−17 20.0	1.683	2.686	4.1	21.7
8 19	20 22.24	−17 55.3	1.729	2.692	8.3	22.0
8 29	20 15.00	−18 23.6	1.800	2.697	12.1	22.3
9 8	20 10.28	−18 43.6	1.892	2.702	15.3	22.5
28439	Miguelreyes		7 30.8	88.°99	1.°6/29.8	18
6 30	21 3.81	−20 24.5	1.856	2.757	12.0	18.8
7 10	20 57.93	−21 8.9	1.803	2.767	8.4	18.6
7 20	20 50.23	−21 57.0	1.775	2.776	4.4	18.4
7 30	20 41.49	−22 43.7	1.773	2.786	1.6	18.2
8 9	20 32.74	−23 24.1	1.798	2.796	4.6	18.4
8 19	20 24.93	−23 54.9	1.850	2.806	8.4	18.7
8 29	20 18.91	−24 14.5	1.925	2.815	11.8	18.9
9 8	20 15.24	−24 22.9	2.022	2.825	14.6	19.1
263544	2008 FE_{28}		7 30.8	102.°45	2.°1/29.7	17
6 30	21 7.08	−21 21.6	1.575	2.479	13.5	21.2
7 10	21 0.44	−22 6.3	1.527	2.492	9.5	21.0
7 20	20 51.62	−22 53.9	1.503	2.505	5.1	20.8
7 30	20 41.60	−23 38.3	1.505	2.517	2.1	20.6
8 9	20 31.62	−24 14.2	1.533	2.530	5.3	20.9
8 19	20 22.86	−24 38.1	1.586	2.542	9.5	21.2
8 29	20 16.30	−24 48.9	1.663	2.554	13.3	21.4
9 8	20 12.51	−24 47.6	1.760	2.565	16.4	21.7
443031	2013 EP_{36}		7 30.8	353.°60	0.°2/30.6	18
6 30	21 0.81	−17 4.5	1.955	2.853	11.6	20.6
7 10	20 55.82	−17 37.6	1.890	2.851	8.2	20.4
7 20	20 49.13	−18 17.3	1.848	2.850	4.3	20.2
7 30	20 41.42	−18 59.8	1.833	2.848	0.4	19.9
8 9	20 33.60	−19 40.6	1.845	2.848	3.8	20.2
8 19	20 26.54	−20 16.2	1.884	2.847	7.7	20.4
8 29	20 21.07	−20 43.9	1.947	2.847	11.2	20.6
9 8	20 17.74	−21 2.5	2.032	2.847	14.1	20.8
111754	2002 CJ_{119}		7 30.8	286.°89	0.°6/31.3	18
6 30	21 0.39	−13 23.6	2.143	3.029	11.2	19.9
7 10	20 55.42	−14 13.6	2.074	3.028	8.0	19.7
7 20	20 48.88	−15 13.2	2.029	3.028	4.4	19.4
7 30	20 41.41	−16 18.6	2.012	3.027	0.8	19.2
8 9	20 33.78	−17 25.0	2.023	3.026	3.4	19.4
8 19	20 26.81	−18 27.8	2.061	3.025	7.1	19.6
8 29	20 21.25	−19 23.4	2.125	3.024	10.4	19.8
9 8	20 17.65	−20 9.4	2.212	3.023	13.3	20.0
481302	2005 YY_{218}		7 30.8	213.°57	3.°3/27.8	18
6 30	21 2.35	−27 40.7	2.707	3.601	8.9	21.9
7 10	20 56.65	−28 37.4	2.639	3.596	6.4	21.8
7 20	20 49.50	−29 32.7	2.597	3.589	4.1	21.6
7 30	20 41.46	−30 22.3	2.583	3.583	3.3	21.6
8 9	20 33.28	−31 2.3	2.599	3.576	5.0	21.7
8 19	20 25.67	−31 30.4	2.641	3.569	7.5	21.8
8 29	20 19.35	−31 45.9	2.709	3.562	10.0	22.0
9 8	20 14.83	−31 49.2	2.798	3.554	12.1	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
474397	2002 TK_{327}		7 30.8	294.°76	3.°5/28.7	18
	h m	° ′			°	m
6 30	21 4.55	−25 53.4	1.809	2.714	12.0	21.1
7 10	20 58.72	−26 34.4	1.739	2.703	8.6	20.8
7 20	20 50.79	−27 14.9	1.694	2.692	5.1	20.6
7 30	20 41.57	−27 49.2	1.674	2.681	3.5	20.5
8 9	20 32.14	−28 12.5	1.681	2.670	6.0	20.6
8 19	20 23.62	−28 21.9	1.714	2.660	9.6	20.8
8 29	20 17.02	−28 16.9	1.769	2.649	13.1	21.0
9 8	20 13.01	−27 58.9	1.845	2.639	16.2	21.2
99999	1981 FP		7 30.8	91.°79	1.°3/31.6	17
6 30	21 5.63	−13 11.5	1.565	2.457	14.3	19.9
7 10	20 59.34	−13 36.2	1.516	2.472	10.2	19.7
7 20	20 51.01	−14 11.9	1.490	2.487	5.7	19.5
7 30	20 41.58	−14 54.3	1.488	2.502	1.5	19.3
8 9	20 32.18	−15 38.4	1.514	2.517	4.2	19.5
8 19	20 23.91	−16 19.6	1.565	2.532	8.6	19.8
8 29	20 17.71	−16 54.4	1.640	2.547	12.5	20.0
9 8	20 14.12	−17 20.8	1.736	2.561	15.8	20.3
354115	2002 AS_{93}		7 30.8	188.°68	1.°3/29.8	18
6 30	21 1.93	−20 15.1	2.373	3.267	10.0	21.0
7 10	20 56.40	−20 59.2	2.307	3.267	7.0	20.8
7 20	20 49.37	−21 46.6	2.265	3.266	3.7	20.6
7 30	20 41.46	−22 33.5	2.252	3.265	1.3	20.4
8 9	20 33.43	−23 15.9	2.267	3.264	3.9	20.6
8 19	20 26.05	−23 50.8	2.310	3.263	7.1	20.8
8 29	20 20.04	−24 16.4	2.378	3.261	10.1	21.0
9 8	20 15.92	−24 32.2	2.468	3.259	12.6	21.2
341206	2007 RD_{109}		7 30.8	260.°26	2.°5/29.4	18
6 30	21 5.33	−24 2.0	1.888	2.789	11.8	20.5
7 10	20 59.12	−24 30.5	1.821	2.784	8.3	20.3
7 20	20 50.94	−24 59.3	1.778	2.778	4.7	20.1
7 30	20 41.59	−25 23.7	1.762	2.772	2.5	19.9
8 9	20 32.10	−25 39.6	1.772	2.766	5.2	20.1
8 19	20 23.52	−25 44.6	1.809	2.760	8.9	20.3
8 29	20 16.79	−25 38.1	1.870	2.754	12.3	20.5
9 8	20 12.53	−25 21.3	1.951	2.748	15.3	20.7
362697	2011 UJ_{152}		7 30.8	18.°95	5.°2/28.4	17
6 30	21 3.79	−25 6.2	0.944	1.877	17.4	19.7
7 10	20 59.16	−26 15.8	0.905	1.882	12.4	19.4
7 20	20 51.32	−27 26.2	0.885	1.888	7.4	19.2
7 30	20 41.62	−28 25.9	0.886	1.894	5.3	19.1
8 9	20 31.93	−29 5.8	0.909	1.902	8.8	19.3
8 19	20 24.05	−29 21.5	0.952	1.911	13.7	19.6
8 29	20 19.36	−29 13.7	1.014	1.921	18.2	19.9
9 8	20 18.46	−28 46.1	1.091	1.932	22.0	20.2
359853	2011 UQ_{382}		7 30.8	248.°15	4.°8/27.2	18
6 30	21 4.13	−30 45.2	2.181	3.080	10.5	20.5
7 10	20 58.19	−31 43.8	2.120	3.075	7.8	20.3
7 20	20 50.43	−32 38.4	2.083	3.070	5.5	20.2
7 30	20 41.56	−33 23.2	2.073	3.065	4.9	20.1
8 9	20 32.55	−33 53.8	2.090	3.060	6.7	20.2
8 19	20 24.35	−34 8.0	2.133	3.055	9.4	20.4
8 29	20 17.85	−34 5.8	2.200	3.050	12.1	20.6
9 8	20 13.63	−33 49.1	2.286	3.045	14.4	20.7
102741	1999 VX_{109}		7 30.8	0.°95	1.°7/31.5	17
6 30	20 58.62	−14 24.8	0.910	1.840	18.3	18.9
7 10	20 55.44	−14 23.9	0.861	1.836	13.3	18.6
7 20	20 49.34	−14 37.9	0.830	1.834	7.5	18.3
7 30	20 41.48	−15 3.0	0.819	1.833	2.0	17.9
8 9	20 33.48	−15 32.9	0.828	1.835	5.7	18.2
8 19	20 26.97	−16 1.6	0.858	1.838	11.5	18.5
8 29	20 23.29	−16 24.0	0.907	1.844	16.8	18.8
9 8	20 23.14	−16 36.7	0.972	1.851	21.1	19.1
336871	2011 FK_{152}		7 30.8	65.°21	3.°5/ 2.0	17
6 30	21 4.60	− 7 38.8	1.540	2.419	15.3	20.0
7 10	20 58.50	− 7 53.1	1.501	2.445	11.3	19.8
7 20	20 50.51	− 8 23.4	1.483	2.471	7.2	19.6
7 30	20 41.56	− 9 6.6	1.490	2.497	3.8	19.5
8 9	20 32.75	− 9 57.7	1.523	2.523	4.8	19.6
8 19	20 25.10	−10 51.3	1.581	2.549	8.5	19.9
8 29	20 19.47	−11 42.5	1.664	2.575	12.1	20.2
9 8	20 16.34	−12 27.6	1.767	2.601	15.2	20.5
300013	2006 UG_{72}		7 30.8	324.°05	0.°2/30.9	18
6 30	21 1.37	−16 44.6	1.484	2.392	13.9	20.1
7 10	20 56.83	−16 57.7	1.403	2.368	10.0	19.9
7 20	20 49.97	−17 19.5	1.343	2.345	5.5	19.5
7 30	20 41.55	−17 46.2	1.307	2.322	0.5	19.1
8 9	20 32.72	−18 13.4	1.296	2.300	4.7	19.4
8 19	20 24.73	−18 36.7	1.309	2.278	9.7	19.6
8 29	20 18.76	−18 52.9	1.345	2.258	14.2	19.8
9 8	20 15.61	−19 0.2	1.399	2.239	18.1	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
190592	2000 TQ_{35}		7 30.8	312.°34	0.°5/30.6	18
	h m	° ′			°	m
6 30	21 2.97	−17 51.2	1.425	2.334	14.3	20.6
7 10	20 58.08	−18 14.4	1.345	2.312	10.2	20.3
7 20	20 50.68	−18 46.0	1.287	2.289	5.5	20.0
7 30	20 41.61	−19 21.6	1.252	2.268	0.6	19.6
8 9	20 32.09	−19 55.4	1.243	2.246	5.0	19.9
8 19	20 23.46	−20 22.9	1.258	2.225	10.2	20.1
8 29	20 16.99	−20 40.6	1.295	2.205	14.9	20.3
9 8	20 13.54	−20 47.4	1.350	2.185	18.9	20.5
479696	2014 DS_{109}		7 30.8	212.°35	0.°8/31.4	18
6 30	21 2.53	−13 30.4	2.090	2.974	11.5	21.7
7 10	20 56.98	−14 5.4	2.017	2.970	8.3	21.5
7 20	20 49.77	−14 49.7	1.969	2.966	4.6	21.2
7 30	20 41.53	−15 39.9	1.947	2.962	1.0	21.0
8 9	20 33.12	−16 31.6	1.954	2.957	3.5	21.1
8 19	20 25.40	−17 20.8	1.988	2.952	7.3	21.4
8 29	20 19.17	−18 4.1	2.047	2.946	10.8	21.6
9 8	20 15.00	−18 39.5	2.129	2.941	13.7	21.8
476141	2007 TN_{288}		7 30.8	273.°67	0.°8/30.3	18
6 30	21 3.08	−18 11.7	1.965	2.861	11.6	21.6
7 10	20 57.60	−18 52.1	1.882	2.843	8.2	21.3
7 20	20 50.21	−19 39.3	1.823	2.824	4.4	21.0
7 30	20 41.58	−20 28.9	1.791	2.805	0.8	20.7
8 9	20 32.62	−21 16.0	1.786	2.786	4.2	21.0
8 19	20 24.33	−21 56.5	1.808	2.767	8.3	21.2
8 29	20 17.64	−22 27.5	1.854	2.747	12.0	21.4
9 8	20 13.24	−22 47.9	1.922	2.727	15.2	21.5
111415	2001 XR_{190}		7 30.8	273.°82	1.°6/31.9	18
6 30	21 1.55	−12 11.0	2.176	3.057	11.3	20.6
7 10	20 56.29	−12 25.4	2.092	3.042	8.3	20.4
7 20	20 49.41	−12 49.0	2.033	3.027	4.8	20.2
7 30	20 41.52	−13 19.7	2.000	3.012	1.8	19.9
8 9	20 33.39	−13 54.3	1.994	2.997	3.5	20.0
8 19	20 25.85	−14 29.5	2.016	2.981	7.1	20.2
8 29	20 19.70	−15 2.2	2.064	2.966	10.5	20.4
9 8	20 15.52	−15 30.0	2.134	2.951	13.5	20.6
151379	2002 ED_{45}		7 30.8	65.°91	0.°9/30.3	18
6 30	21 3.11	−20 5.6	2.104	3.001	11.0	19.7
7 10	20 57.27	−20 23.6	2.049	3.010	7.7	19.5
7 20	20 49.84	−20 44.4	2.017	3.019	4.0	19.3
7 30	20 41.54	−21 4.5	2.013	3.028	0.9	19.1
8 9	20 33.24	−21 20.8	2.037	3.037	3.8	19.3
8 19	20 25.79	−21 31.1	2.087	3.046	7.4	19.6
8 29	20 19.92	−21 34.3	2.163	3.055	10.6	19.8
9 8	20 16.13	−21 30.2	2.260	3.064	13.2	20.0
472309	2014 XM_{14}		7 30.8	114.°15	4.°1/28.5	17
6 30	21 6.99	−24 40.1	1.431	2.342	14.2	21.2
7 10	21 0.74	−25 51.6	1.380	2.347	10.1	21.0
7 20	20 51.97	−27 4.2	1.353	2.352	5.9	20.8
7 30	20 41.71	−28 9.3	1.350	2.357	4.2	20.7
8 9	20 31.35	−28 59.6	1.372	2.362	7.1	20.9
8 19	20 22.27	−29 30.8	1.419	2.366	11.2	21.1
8 29	20 15.63	−29 42.6	1.488	2.371	15.0	21.4
9 8	20 12.10	−29 37.0	1.576	2.375	18.2	21.6
290021	2005 QY_{19}		7 30.8	324.°51	1.°7/31.9	18
6 30	20 59.87	−11 51.1	1.740	2.632	13.1	20.5
7 10	20 55.42	−12 15.1	1.662	2.617	9.6	20.2
7 20	20 49.06	−12 51.7	1.607	2.603	5.6	20.0
7 30	20 41.49	−13 37.8	1.576	2.589	1.9	19.7
8 9	20 33.65	−14 29.0	1.572	2.576	4.1	19.8
8 19	20 26.54	−15 20.4	1.594	2.563	8.2	20.0
8 29	20 21.10	−16 7.5	1.640	2.551	12.2	20.2
9 8	20 17.99	−16 47.1	1.706	2.540	15.6	20.4
161477	2004 FJ_{160}		7 30.8	271.°26	2.°2/31.8	18
6 30	21 5.89	−13 11.3	2.015	2.895	12.1	19.6
7 10	20 59.35	−12 42.4	1.938	2.887	8.9	19.3
7 20	20 51.03	−12 19.9	1.885	2.879	5.3	19.1
7 30	20 41.64	−12 3.0	1.860	2.871	2.3	18.9
8 9	20 32.10	−11 50.4	1.862	2.863	4.0	19.0
8 19	20 23.35	−11 40.6	1.891	2.854	7.7	19.2
8 29	20 16.23	−11 32.0	1.946	2.846	11.2	19.4
9 8	20 11.33	−11 23.4	2.023	2.838	14.2	19.6
38869	2000 SL_{113}		7 30.8	208.°53	2.°6/ 1.3	18
6 30	21 5.43	− 9 57.5	1.625	2.507	14.4	19.1
7 10	20 59.39	−10 18.2	1.555	2.503	10.7	18.8
7 20	20 51.20	−10 53.5	1.506	2.499	6.5	18.6
7 30	20 41.67	−11 40.3	1.483	2.494	2.8	18.3
8 9	20 31.89	−12 33.8	1.487	2.489	4.5	18.4
8 19	20 23.02	−13 28.7	1.516	2.483	8.8	18.7
8 29	20 16.09	−14 20.1	1.570	2.477	12.9	18.9
9 8	20 11.78	−15 4.4	1.644	2.471	16.4	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
427602	2003 SF_{219}		7 30.8	281.°66	11.°4/ 7.2	18
	h m	° ′			°	m
6 30	21 3.41	+11 35.7	1.693	2.472	18.4	21.6
7 10	20 58.26	+11 49.3	1.587	2.439	16.2	21.3
7 20	20 50.81	+11 31.3	1.499	2.405	13.9	21.1
7 30	20 41.66	+10 36.8	1.432	2.371	12.0	20.9
8 9	20 31.79	+ 9 5.0	1.387	2.335	11.5	20.8
8 19	20 22.36	+ 7 0.1	1.367	2.299	12.8	20.7
8 29	20 14.60	+ 4 31.1	1.370	2.263	15.4	20.8
9 8	20 9.43	+ 1 50.4	1.395	2.226	18.6	20.9
68217	2001 CX_{26}		7 30.8	47.°62	0.°1/30.8	18
6 30	20 59.95	−15 7.2	2.216	3.106	10.7	18.8
7 10	20 55.08	−16 7.2	2.152	3.110	7.6	18.6
7 20	20 48.72	−17 15.3	2.113	3.113	4.0	18.4
7 30	20 41.47	−18 27.3	2.102	3.117	0.3	18.1
8 9	20 34.11	−19 37.9	2.120	3.121	3.5	18.3
8 19	20 27.39	−20 42.9	2.165	3.126	7.0	18.6
8 29	20 22.05	−21 38.9	2.236	3.130	10.2	18.8
9 8	20 18.59	−22 24.0	2.329	3.134	12.9	19.0
83115	2001 QB_{243}		7 30.8	199.°86	0.°6/31.2	18
6 30	21 2.11	−14 52.0	2.050	2.940	11.5	19.6
7 10	20 56.68	−15 18.0	1.983	2.939	8.2	19.4
7 20	20 49.60	−15 51.8	1.940	2.939	4.5	19.2
7 30	20 41.55	−16 30.1	1.923	2.938	0.8	18.9
8 9	20 33.37	−17 8.9	1.935	2.938	3.6	19.1
8 19	20 25.94	−17 44.9	1.973	2.937	7.3	19.3
8 29	20 20.03	−18 15.2	2.036	2.936	10.7	19.6
9 8	20 16.20	−18 38.2	2.121	2.935	13.7	19.8
394521	2007 TL_{333}		7 30.8	256.°43	2.°5/ 1.4	18
6 30	21 2.52	−10 13.3	1.969	2.847	12.5	21.3
7 10	20 57.04	−10 17.9	1.896	2.842	9.2	21.1
7 20	20 49.83	−10 33.6	1.846	2.836	5.7	20.8
7 30	20 41.58	−10 58.6	1.821	2.831	2.7	20.6
8 9	20 33.15	−11 29.6	1.824	2.825	4.0	20.7
8 19	20 25.46	−12 3.4	1.854	2.820	7.6	20.9
8 29	20 19.32	−12 36.4	1.909	2.814	11.1	21.1
9 8	20 15.31	−13 5.8	1.985	2.809	14.1	21.3
498276	2007 VT_{33}		7 30.8	200.°89	4.°3/28.4	17
6 30	21 9.31	−27 2.6	1.639	2.542	13.2	22.2
7 10	21 2.26	−27 56.4	1.578	2.539	9.5	21.9
7 20	20 52.77	−28 48.5	1.540	2.536	5.9	21.7
7 30	20 41.81	−29 31.5	1.529	2.532	4.4	21.6
8 9	20 30.67	−29 59.6	1.543	2.528	7.0	21.8
8 19	20 20.69	−30 10.0	1.583	2.524	10.7	22.0
8 29	20 13.01	−30 2.9	1.646	2.519	14.3	22.2
9 8	20 8.31	−29 41.0	1.728	2.513	17.4	22.4
152237	2005 SA_{51}		7 30.8	194.°82	4.°4/27.7	18
6 30	21 4.78	−30 47.9	2.277	3.173	10.2	20.1
7 10	20 58.54	−31 31.4	2.218	3.173	7.6	19.9
7 20	20 50.58	−32 10.4	2.184	3.172	5.2	19.7
7 30	20 41.63	−32 39.8	2.177	3.171	4.5	19.7
8 9	20 32.62	−32 56.0	2.197	3.170	6.2	19.8
8 19	20 24.44	−32 57.5	2.244	3.169	8.8	20.0
8 29	20 17.92	−32 44.6	2.314	3.168	11.4	20.1
9 8	20 13.59	−32 19.4	2.406	3.167	13.7	20.3
399938	2005 YL_{253}		7 30.8	158.°15	1.°0/29.9	18
6 30	21 1.31	−20 7.6	2.624	3.516	9.2	21.9
7 10	20 55.85	−20 41.6	2.560	3.519	6.4	21.8
7 20	20 49.06	−21 18.4	2.522	3.522	3.4	21.6
7 30	20 41.52	−21 54.5	2.511	3.525	1.0	21.4
8 9	20 33.90	−22 27.0	2.530	3.528	3.4	21.6
8 19	20 26.90	−22 53.5	2.577	3.531	6.4	21.8
8 29	20 21.13	−23 12.3	2.649	3.533	9.2	22.0
9 8	20 17.06	−23 23.1	2.745	3.535	11.5	22.1
310869	2003 GK_{47}		7 30.8	29.°23	2.°2/ 1.4	18
6 30	21 0.15	− 9 55.1	1.865	2.748	12.8	20.1
7 10	20 55.37	−10 23.4	1.805	2.754	9.4	19.9
7 20	20 48.92	−11 4.5	1.767	2.760	5.7	19.7
7 30	20 41.51	−11 55.2	1.755	2.766	2.4	19.5
8 9	20 34.02	−12 51.3	1.770	2.772	3.9	19.6
8 19	20 27.32	−13 47.8	1.811	2.779	7.5	19.9
8 29	20 22.20	−14 40.4	1.877	2.787	11.0	20.1
9 8	20 19.20	−15 26.1	1.965	2.794	14.0	20.3
334340	2001 XS_{217}		7 30.8	218.°26	4.°6/ 2.0	18
6 30	21 6.20	− 6 45.0	1.901	2.762	13.5	20.1
7 10	20 59.66	− 6 10.5	1.826	2.758	10.4	19.9
7 20	20 51.25	− 5 48.2	1.774	2.753	7.1	19.7
7 30	20 41.71	− 5 38.3	1.748	2.747	4.7	19.5
8 9	20 31.98	− 5 39.5	1.750	2.742	5.5	19.5
8 19	20 23.05	− 5 49.6	1.777	2.736	8.5	19.7
8 29	20 15.81	− 6 5.4	1.830	2.730	11.8	19.9
9 8	20 10.86	− 6 23.6	1.904	2.723	14.8	20.1

9132 Walteranderson 7 30.8 23.°39 0.°3/30.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.92	−17 15.6	1.725	2.628	12.6	16.7
7 10	20 56.02	−17 47.6	1.671	2.635	8.8	16.5
7 20	20 49.30	−18 26.4	1.641	2.643	4.7	16.3
7 30	20 41.55	−19 7.5	1.637	2.652	0.4	16.0
8 9	20 33.77	−19 46.4	1.658	2.661	4.1	16.3
8 19	20 26.92	−20 19.3	1.706	2.671	8.2	16.6
8 29	20 21.86	−20 43.5	1.777	2.681	11.8	16.8
9 8	20 19.11	−20 58.1	1.869	2.692	14.9	17.0

475355 2006 CP_{2} 7 30.8 117.°34 0.°2/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.82	−17 55.8	1.788	2.683	12.6	22.0
7 10	20 59.41	−18 10.9	1.730	2.690	8.9	21.7
7 20	20 51.09	−18 31.2	1.696	2.697	4.7	21.5
7 30	20 41.69	−18 52.9	1.688	2.703	0.4	21.2
8 9	20 32.27	−19 12.3	1.707	2.710	4.1	21.5
8 19	20 23.84	−19 26.6	1.753	2.716	8.2	21.8
8 29	20 17.30	−19 34.2	1.824	2.722	11.9	22.0
9 8	20 13.20	−19 34.5	1.915	2.728	15.0	22.2

149773 2004 RE_{37} 7 30.8 39.°81 3.°0/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.68	−25 43.6	2.033	2.935	11.0	19.8
7 10	20 57.82	−26 17.1	1.977	2.939	7.8	19.6
7 20	20 50.22	−26 49.3	1.945	2.943	4.6	19.4
7 30	20 41.62	−27 15.8	1.940	2.947	3.0	19.3
8 9	20 33.00	−27 32.6	1.962	2.952	5.2	19.4
8 19	20 25.29	−27 38.0	2.010	2.956	8.5	19.7
8 29	20 19.28	−27 31.7	2.083	2.961	11.5	19.9
9 8	20 15.52	−27 14.7	2.176	2.966	14.1	20.1

375277 2008 HF_{58} 7 30.8 336.°59 4.°7/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.76	− 7 30.6	1.270	2.162	16.9	20.2
7 10	20 57.20	− 7 20.5	1.204	2.154	12.9	19.9
7 20	20 50.20	− 7 29.5	1.157	2.146	8.5	19.7
7 30	20 41.64	− 7 56.5	1.132	2.139	5.0	19.4
8 9	20 32.80	− 8 37.5	1.131	2.132	6.1	19.5
8 19	20 25.00	− 9 27.0	1.154	2.126	10.3	19.7
8 29	20 19.45	−10 18.6	1.197	2.121	14.7	19.9
9 8	20 16.90	−11 6.3	1.260	2.117	18.7	20.2

12272 Geddylee 7 30.8 291.°09 0.°9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.66	−16 37.3	1.739	2.631	13.1	17.4
7 10	21 0.27	−16 18.7	1.655	2.613	9.4	17.1
7 20	20 51.71	−16 4.8	1.596	2.595	5.2	16.8
7 30	20 41.76	−15 53.8	1.562	2.576	1.1	16.5
8 9	20 31.52	−15 43.4	1.555	2.558	4.2	16.7
8 19	20 22.11	−15 31.9	1.574	2.539	8.7	16.9
8 29	20 14.61	−15 18.0	1.618	2.521	12.8	17.1
9 8	20 9.72	−15 1.2	1.682	2.503	16.4	17.3

36132 1999 RU_{158} 7 30.8 322.°63 3.°0/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.51	− 7 17.8	2.004	2.876	12.5	18.0
7 10	20 54.93	− 7 46.9	1.929	2.870	9.4	17.8
7 20	20 48.73	− 8 30.8	1.877	2.863	6.0	17.6
7 30	20 41.53	− 9 26.9	1.850	2.857	3.2	17.4
8 9	20 34.14	−10 31.3	1.851	2.851	4.1	17.5
8 19	20 27.40	−11 38.9	1.878	2.846	7.4	17.7
8 29	20 22.10	−12 44.9	1.931	2.840	10.8	17.9
9 8	20 18.80	−13 45.3	2.006	2.835	13.8	18.1

119932 2002 FS_{38} 7 30.8 246.°92 1.°7/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.14	−10 25.5	2.300	3.176	11.0	19.8
7 10	20 55.21	−11 3.0	2.225	3.171	8.0	19.6
7 20	20 48.82	−11 51.4	2.174	3.166	4.8	19.4
7 30	20 41.54	−12 47.9	2.149	3.161	1.9	19.2
8 9	20 34.10	−13 48.6	2.154	3.156	3.3	19.3
8 19	20 27.23	−14 49.2	2.186	3.151	6.6	19.5
8 29	20 21.65	−15 46.0	2.244	3.146	9.8	19.7
9 8	20 17.88	−16 36.1	2.325	3.140	12.6	19.9

481328 2006 BS_{35} 7 30.8 272.°77 6.°8/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.60	−36 18.5	2.305	3.195	10.4	21.1
7 10	20 58.79	−38 1.6	2.239	3.179	8.3	20.9
7 20	20 50.94	−39 38.8	2.199	3.163	6.9	20.8
7 30	20 41.71	−41 2.5	2.186	3.147	7.1	20.8
8 9	20 32.08	−42 6.6	2.199	3.131	8.7	20.9
8 19	20 23.11	−42 48.2	2.237	3.115	11.0	21.0
8 29	20 15.83	−43 7.1	2.298	3.098	13.3	21.1
9 8	20 10.96	−43 5.9	2.377	3.082	15.3	21.3

264865 2002 RT_{165} 7 30.8 288.°59 0.°2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.06	−16 19.8	1.466	2.368	14.4	21.0
7 10	20 59.52	−16 39.0	1.386	2.349	10.4	20.7
7 20	20 51.48	−17 7.7	1.328	2.330	5.7	20.4
7 30	20 41.76	−17 41.8	1.295	2.310	0.6	20.0
8 9	20 31.60	−18 16.0	1.287	2.291	4.8	20.3
8 19	20 22.34	−18 45.7	1.304	2.271	9.9	20.5
8 29	20 15.23	−19 7.4	1.343	2.252	14.6	20.7
9 8	20 11.10	−19 19.6	1.402	2.232	18.5	20.9

26695 2001 FC_{111} 7 30.8 226.°77 2.°8/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.89	− 6 37.1	2.809	3.662	9.9	20.6
7 10	20 54.83	− 6 53.4	2.724	3.653	7.5	20.4
7 20	20 48.55	− 7 20.3	2.663	3.643	5.0	20.3
7 30	20 41.52	− 7 56.3	2.630	3.633	3.0	20.1
8 9	20 34.34	− 8 39.1	2.626	3.622	3.5	20.1
8 19	20 27.61	− 9 25.8	2.650	3.611	5.9	20.3
8 29	20 21.91	−10 13.2	2.701	3.600	8.5	20.4
9 8	20 17.70	−10 58.6	2.776	3.588	10.8	20.6

359931 2011 WR_{152} 7 30.8 180.°96 0.°7/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.08	−13 43.4	2.357	3.240	10.5	21.3
7 10	20 55.82	−14 22.3	2.288	3.240	7.5	21.1
7 20	20 49.12	−15 9.3	2.243	3.240	4.1	20.9
7 30	20 41.57	−16 1.1	2.226	3.240	0.8	20.6
8 9	20 33.89	−16 53.9	2.237	3.240	3.2	20.8
8 19	20 26.83	−17 44.0	2.277	3.240	6.6	21.0
8 29	20 21.06	−18 28.3	2.342	3.239	9.7	21.2
9 8	20 17.11	−19 5.1	2.431	3.238	12.3	21.4

260268 2004 SY_{42} 7 30.8 335.°31 3.°3/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.93	−27 15.0	2.011	2.912	11.2	20.0
7 10	20 58.77	−27 33.4	1.947	2.908	8.0	19.8
7 20	20 50.77	−27 48.9	1.907	2.903	4.8	19.6
7 30	20 41.70	−27 57.3	1.893	2.899	3.3	19.5
8 9	20 32.57	−27 55.2	1.906	2.895	5.4	19.7
8 19	20 24.37	−27 41.5	1.946	2.892	8.7	19.8
8 29	20 17.95	−27 16.6	2.010	2.888	11.9	20.0
9 8	20 13.88	−26 42.0	2.094	2.885	14.6	20.2

193223 2000 RJ_{44} 7 30.8 331.°33 2.°2/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.71	−23 5.5	1.131	2.056	15.9	19.2
7 10	20 59.17	−22 57.7	1.054	2.027	11.5	18.9
7 20	20 51.54	−22 49.8	0.996	2.000	6.4	18.5
7 30	20 41.79	−22 36.7	0.960	1.974	2.2	18.1
8 9	20 31.49	−22 14.2	0.947	1.949	6.4	18.3
8 19	20 22.37	−21 40.1	0.956	1.926	12.1	18.6
8 29	20 16.01	−20 55.2	0.984	1.905	17.4	18.8
9 8	20 13.37	−20 1.2	1.029	1.885	22.0	19.0

202009 2004 RN_{5} 7 30.8 17.°66 3.°5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.09	−21 2.4	1.016	1.944	17.0	19.2
7 10	20 58.58	−22 23.3	0.971	1.947	11.9	18.9
7 20	20 51.06	−23 52.0	0.947	1.951	6.6	18.6
7 30	20 41.73	−25 17.4	0.944	1.956	3.5	18.5
8 9	20 32.28	−26 28.7	0.964	1.961	7.6	18.7
8 19	20 24.39	−27 18.9	1.005	1.967	12.8	19.0
8 29	20 19.43	−27 45.7	1.066	1.975	17.5	19.3
9 8	20 18.09	−27 50.7	1.143	1.982	21.3	19.6

335098 2004 TZ_{91} 7 30.8 342.°96 3.°2/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.50	−24 25.4	1.518	2.428	13.5	20.4
7 10	20 59.62	−24 59.5	1.459	2.425	9.6	20.2
7 20	20 51.39	−25 34.1	1.422	2.422	5.5	19.9
7 30	20 41.77	−26 2.9	1.410	2.420	3.2	19.8
8 9	20 32.03	−26 20.8	1.423	2.418	6.1	20.0
8 19	20 23.44	−26 25.1	1.461	2.416	10.3	20.2
8 29	20 17.10	−26 15.5	1.521	2.414	14.2	20.4
9 8	20 13.66	−25 53.4	1.601	2.413	17.5	20.7

99236 2001 KV_{31} 7 30.8 71.°84 9.°3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.26	−39 20.8	1.767	2.657	13.0	18.4
7 10	21 2.34	−41 40.0	1.748	2.681	10.7	18.3
7 20	20 52.86	−43 44.0	1.753	2.705	9.4	18.3
7 30	20 41.89	−45 22.4	1.784	2.728	9.7	18.4
8 9	20 30.85	−46 29.4	1.840	2.752	11.3	18.5
8 19	20 21.14	−47 4.2	1.918	2.775	13.4	18.7
8 29	20 13.94	−47 9.8	2.016	2.799	15.4	18.9
9 8	20 9.90	−46 52.3	2.131	2.822	17.2	19.1

71206 1999 XK_{244} 7 30.8 251.°63 5.°5/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.11	− 0 24.9	1.974	2.815	13.9	19.5
7 10	20 56.11	− 0 43.1	1.893	2.806	11.1	19.3
7 20	20 49.41	− 1 21.3	1.834	2.798	8.2	19.1
7 30	20 41.63	− 2 18.7	1.800	2.789	5.8	19.0
8 9	20 33.62	− 3 31.9	1.792	2.780	5.8	19.0
8 19	20 26.24	− 4 55.4	1.811	2.772	8.2	19.1
8 29	20 20.32	− 6 23.2	1.856	2.762	11.3	19.2
9 8	20 16.48	− 7 49.0	1.923	2.753	14.3	19.4

71808 2000 SX_{306} 7 30.8 131.°86 0.°6/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.08	−15 31.7	1.558	2.452	14.3	19.1
7 10	21 1.20	−15 47.9	1.503	2.461	10.2	18.9
7 20	20 52.14	−16 12.5	1.471	2.470	5.5	18.6
7 30	20 41.85	−16 41.4	1.464	2.479	0.9	18.3
8 9	20 31.53	−17 10.1	1.484	2.487	4.4	18.6
8 19	20 22.38	−17 34.8	1.530	2.495	8.9	18.9
8 29	20 15.40	−17 53.0	1.600	2.503	13.0	19.2
9 8	20 11.18	−18 3.6	1.690	2.509	16.4	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
203659	2002 JF_{18}		7 30.8	125.°23	7.°0/ 4.6	18
	h m	° ′			°	m
6 30	21 3.45	+ 2 13.1	2.003	2.826	14.4	20.9
7 10	20 57.59	+ 2 36.2	1.941	2.835	11.8	20.7
7 20	20 50.12	+ 2 39.9	1.900	2.845	9.2	20.6
7 30	20 41.72	+ 2 23.9	1.883	2.854	7.3	20.5
8 9	20 33.24	+ 1 49.9	1.892	2.863	7.2	20.5
8 19	20 25.54	+ 1 1.6	1.927	2.872	8.8	20.6
8 29	20 19.37	+ 0 4.3	1.987	2.880	11.3	20.8
9 8	20 15.28	− 0 56.6	2.068	2.888	13.8	21.0
315176	2007 HX_{41}		7 30.9	208.°49	1.°3/29.9	18
6 30	21 2.43	−21 16.4	2.372	3.267	9.9	21.5
7 10	20 56.80	−21 42.6	2.306	3.266	7.0	21.3
7 20	20 49.67	−22 10.8	2.264	3.264	3.7	21.1
7 30	20 41.68	−22 37.7	2.250	3.263	1.3	20.9
8 9	20 33.60	−23 0.1	2.264	3.261	3.8	21.1
8 19	20 26.20	−23 15.6	2.305	3.260	7.0	21.3
8 29	20 20.20	−23 23.1	2.372	3.258	10.0	21.5
9 8	20 16.09	−23 22.5	2.462	3.256	12.6	21.7
100505	1997 AA_9		7 30.9	298.°96	0.°3/31.0	18
6 30	21 3.33	−17 8.3	2.009	2.902	11.6	19.1
7 10	20 57.66	−17 12.0	1.934	2.892	8.2	18.9
7 20	20 50.23	−17 20.9	1.882	2.882	4.5	18.7
7 30	20 41.74	−17 32.2	1.857	2.873	0.5	18.3
8 9	20 33.07	−17 43.0	1.860	2.863	3.7	18.6
8 19	20 25.15	−17 51.1	1.889	2.853	7.6	18.8
8 29	20 18.83	−17 54.6	1.944	2.844	11.2	19.0
9 8	20 14.69	−17 52.7	2.020	2.835	14.2	19.2
343554	2010 FD_{30}		7 30.9	110.°22	0.°0/30.8	17
6 30	21 3.51	−16 3.2	1.941	2.833	12.0	21.0
7 10	20 57.72	−16 38.8	1.884	2.842	8.4	20.8
7 20	20 50.22	−17 21.5	1.850	2.850	4.5	20.6
7 30	20 41.73	−18 7.3	1.844	2.859	0.4	20.3
8 9	20 33.19	−18 51.6	1.865	2.868	3.8	20.6
8 19	20 25.51	−19 30.8	1.913	2.876	7.6	20.9
8 29	20 19.49	−20 2.1	1.987	2.884	11.1	21.1
9 8	20 15.66	−20 24.4	2.081	2.892	14.0	21.3
390659	2002 QC_{135}		7 30.9	346.°71	3.°3/29.1	18
6 30	21 5.43	−25 29.1	1.678	2.585	12.7	21.0
7 10	20 59.42	−25 59.2	1.618	2.582	9.0	20.8
7 20	20 51.25	−26 28.2	1.581	2.580	5.3	20.6
7 30	20 41.82	−26 50.8	1.570	2.578	3.3	20.5
8 9	20 32.30	−27 2.5	1.584	2.577	5.9	20.6
8 19	20 23.86	−27 1.1	1.624	2.575	9.7	20.8
8 29	20 17.49	−26 46.6	1.687	2.574	13.3	21.1
9 8	20 13.81	−26 20.7	1.770	2.574	16.4	21.3
296073	2009 BP_3		7 30.9	265.°89	1.°8/ 1.3	18
6 30	21 1.93	− 9 37.2	1.964	2.841	12.5	21.0
7 10	20 56.81	−10 29.2	1.878	2.825	9.2	20.7
7 20	20 49.87	−11 36.4	1.815	2.808	5.5	20.5
7 30	20 41.73	−12 55.1	1.780	2.792	2.1	20.2
8 9	20 33.24	−14 19.8	1.772	2.775	3.8	20.3
8 19	20 25.33	−15 44.6	1.791	2.758	7.8	20.5
8 29	20 18.93	−17 3.9	1.837	2.740	11.5	20.7
9 8	20 14.69	−18 13.6	1.904	2.723	14.8	20.9
507405	2012 KP_{15}		7 30.9	44.°40	4.°2/ 2.2	17
6 30	21 3.13	− 6 59.0	1.385	2.269	16.3	21.3
7 10	20 57.91	− 7 7.2	1.330	2.276	12.3	21.0
7 20	20 50.48	− 7 34.3	1.295	2.283	8.0	20.8
7 30	20 41.76	− 8 17.9	1.284	2.290	4.5	20.6
8 9	20 32.96	− 9 13.0	1.297	2.298	5.5	20.7
8 19	20 25.27	−10 13.2	1.335	2.306	9.4	21.0
8 29	20 19.70	−11 12.5	1.396	2.314	13.5	21.2
9 8	20 16.88	−12 5.8	1.477	2.322	17.0	21.5
290776	2005 VV_{14}		7 30.9	114.°86	1.°7/29.5	18
6 30	21 2.07	−21 32.5	2.348	3.244	10.0	21.3
7 10	20 56.54	−22 17.2	2.290	3.251	7.0	21.1
7 20	20 49.54	−23 4.2	2.257	3.258	3.8	20.9
7 30	20 41.69	−23 49.2	2.253	3.265	1.7	20.7
8 9	20 33.78	−24 28.4	2.276	3.272	4.0	20.9
8 19	20 26.58	−24 59.1	2.327	3.278	7.2	21.1
8 29	20 20.79	−25 19.9	2.404	3.285	10.1	21.3
9 8	20 16.89	−25 30.5	2.502	3.292	12.5	21.5
442094	2010 TA_{34}		7 30.9	237.°27	3.°8/27.8	18
6 30	21 3.85	−29 28.0	2.483	3.378	9.6	21.8
7 10	20 57.88	−30 13.1	2.414	3.370	7.0	21.7
7 20	20 50.30	−30 55.3	2.371	3.361	4.7	21.5
7 30	20 41.75	−31 29.8	2.356	3.353	3.9	21.4
8 9	20 33.07	−31 53.1	2.368	3.344	5.6	21.5
8 19	20 25.07	−32 3.3	2.408	3.335	8.2	21.7
8 29	20 18.52	−32 0.1	2.471	3.326	10.8	21.9
9 8	20 13.98	−31 44.8	2.557	3.317	13.0	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
92778	2000 QE_{135}		7 30.9	231.°81	6.°8/27.9	18
	h m	° ′			°	m
6 30	21 15.75	−37 14.3	1.928	2.809	12.5	19.3
7 10	21 6.65	−37 36.5	1.862	2.800	9.8	19.1
7 20	20 55.09	−37 46.1	1.819	2.791	7.5	19.0
7 30	20 42.14	−37 36.8	1.803	2.782	6.9	18.9
8 9	20 29.20	−37 5.3	1.813	2.772	8.4	19.0
8 19	20 17.63	−36 12.1	1.850	2.762	11.2	19.1
8 29	20 8.54	−35 1.2	1.911	2.751	14.0	19.3
9 8	20 2.54	−33 38.1	1.991	2.740	16.6	19.5
14773	4264 T_{-1}		7 30.9	15.°01	6.°2/27.7	18
6 30	21 4.50	−31 7.3	1.416	2.331	14.0	17.6
7 10	20 59.05	−31 59.6	1.372	2.336	10.4	17.4
7 20	20 51.13	−32 44.9	1.351	2.342	7.2	17.2
7 30	20 41.83	−33 15.5	1.353	2.348	6.3	17.2
8 9	20 32.57	−33 26.3	1.378	2.356	8.5	17.3
8 19	20 24.70	−33 15.7	1.427	2.365	11.9	17.6
8 29	20 19.31	−32 45.8	1.497	2.374	15.3	17.8
9 8	20 16.97	−32 0.3	1.585	2.384	18.2	18.0
435183	2007 RR_{20}		7 30.9	351.°11	2.°7/ 1.5	18
6 30	20 56.32	− 9 43.8	1.153	2.064	16.8	19.9
7 10	20 53.55	−10 19.2	1.090	2.053	12.5	19.6
7 20	20 48.37	−11 16.3	1.046	2.044	7.5	19.3
7 30	20 41.63	−12 30.8	1.024	2.036	3.0	19.0
8 9	20 34.61	−13 54.9	1.025	2.030	5.1	19.1
8 19	20 28.63	−15 19.6	1.048	2.026	10.2	19.4
8 29	20 24.91	−16 36.5	1.092	2.024	15.1	19.7
9 8	20 24.22	−17 39.8	1.154	2.023	19.2	19.9
507300	2011 KS_{40}		7 30.9	93.°94	0.°9/30.4	17
6 30	21 5.45	−19 2.9	1.742	2.641	12.7	21.5
7 10	20 59.23	−19 31.6	1.689	2.651	8.9	21.3
7 20	20 51.07	−20 4.8	1.660	2.661	4.7	21.0
7 30	20 41.84	−20 38.2	1.657	2.672	0.9	20.8
8 9	20 32.60	−21 7.3	1.681	2.682	4.4	21.1
8 19	20 24.40	−21 28.9	1.731	2.691	8.5	21.3
8 29	20 18.12	−21 41.4	1.805	2.701	12.1	21.6
9 8	20 14.31	−21 44.5	1.900	2.711	15.1	21.8
12143	Harwit		7 30.9	103.°67	5.°0/28.5	18
6 30	21 9.69	−28 21.3	1.438	2.346	14.3	17.7
7 10	21 2.68	−29 7.6	1.388	2.351	10.4	17.5
7 20	20 53.08	−29 49.8	1.361	2.356	6.6	17.3
7 30	20 42.01	−30 20.0	1.359	2.362	5.1	17.3
8 9	20 30.94	−30 32.9	1.382	2.367	7.6	17.4
8 19	20 21.31	−30 26.7	1.428	2.372	11.4	17.7
8 29	20 14.28	−30 2.9	1.497	2.376	15.1	17.9
9 8	20 10.47	−29 25.0	1.585	2.381	18.3	18.1
191808	2004 TX_{261}		7 30.9	217.°62	1.°8/ 1.1	18
6 30	21 4.23	−11 34.5	2.170	3.044	11.6	20.9
7 10	20 58.21	−11 47.4	2.091	3.036	8.5	20.7
7 20	20 50.52	−12 9.8	2.036	3.028	5.0	20.5
7 30	20 41.81	−12 39.5	2.008	3.019	2.0	20.3
8 9	20 32.90	−13 13.2	2.008	3.010	3.6	20.4
8 19	20 24.64	−13 47.7	2.036	3.000	7.2	20.6
8 29	20 17.83	−14 20.1	2.090	2.990	10.5	20.7
9 8	20 13.05	−14 47.8	2.167	2.979	13.5	20.9
390904	2005 EE_{77}		7 30.9	195.°71	1.°5/29.8	18
6 30	21 5.51	−21 59.2	2.386	3.276	10.1	22.2
7 10	20 58.99	−22 26.3	2.315	3.274	7.1	22.0
7 20	20 50.88	−22 54.9	2.271	3.270	3.8	21.8
7 30	20 41.84	−23 21.2	2.254	3.267	1.5	21.6
8 9	20 32.68	−23 42.0	2.266	3.262	4.0	21.8
8 19	20 24.23	−23 55.2	2.306	3.257	7.2	22.0
8 29	20 17.25	−23 59.7	2.372	3.252	10.3	22.2
9 8	20 12.25	−23 55.8	2.461	3.246	12.8	22.4
2747	Český Krumlov		7 30.9	15.°62	2.°1/29.7	18 R
6 30	21 3.57	−23 16.5	1.802	2.708	12.0	16.0
7 10	20 57.92	−23 35.8	1.746	2.711	8.5	15.8
7 20	20 50.39	−23 55.7	1.713	2.714	4.7	15.5
7 30	20 41.81	−24 11.9	1.707	2.719	2.1	15.4
8 9	20 33.20	−24 20.8	1.726	2.723	4.9	15.6
8 19	20 25.58	−24 20.4	1.772	2.728	8.6	15.8
8 29	20 19.82	−24 10.1	1.841	2.734	12.1	16.0
9 8	20 16.46	−23 50.8	1.931	2.740	15.0	16.3
172299	2002 TD_{217}		7 30.9	280.°11	2.°4/29.3	18
6 30	21 3.46	−22 30.4	1.892	2.795	11.7	20.1
7 10	20 57.94	−23 18.8	1.824	2.788	8.2	19.9
7 20	20 50.48	−24 10.1	1.779	2.780	4.6	19.7
7 30	20 41.82	−24 58.9	1.761	2.772	2.4	19.5
8 9	20 32.96	−25 40.0	1.770	2.764	5.1	19.7
8 19	20 24.91	−26 9.9	1.805	2.757	8.9	19.9
8 29	20 18.60	−26 26.9	1.864	2.749	12.3	20.1
9 8	20 14.69	−26 31.1	1.944	2.742	15.3	20.3

158373 2001 XJ_{188} 7 30.9 241.°68 0.°5/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.61	−15 15.3	1.842	2.733	12.5	20.6
7 10	20 58.75	−15 40.2	1.767	2.724	9.0	20.3
7 20	20 50.92	−16 13.7	1.715	2.714	4.9	20.1
7 30	20 41.87	−16 52.1	1.689	2.704	0.7	19.7
8 9	20 32.56	−17 31.0	1.691	2.694	4.0	20.0
8 19	20 24.04	−18 6.5	1.719	2.684	8.2	20.2
8 29	20 17.25	−18 35.6	1.772	2.673	12.1	20.4
9 8	20 12.85	−18 56.5	1.846	2.662	15.3	20.6

3247 Di Martino 7 30.9 100.°49 2.°7/29.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.14	−22 45.2	1.525	2.430	13.8	16.7
7 10	21 1.34	−23 32.1	1.479	2.443	9.7	16.5
7 20	20 52.28	−24 20.6	1.456	2.457	5.3	16.3
7 30	20 41.96	−25 4.1	1.459	2.470	2.7	16.2
8 9	20 31.70	−25 36.9	1.488	2.483	5.8	16.4
8 19	20 22.73	−25 56.1	1.542	2.496	9.9	16.7
8 29	20 16.06	−26 1.1	1.620	2.509	13.7	16.9
9 8	20 12.27	−25 53.3	1.717	2.521	16.8	17.2

515908 2015 PW_{180} 7 30.9 309.°96 3.°2/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.31	−26 26.6	1.929	2.831	11.5	21.4
7 10	20 59.21	−26 46.4	1.858	2.820	8.3	21.2
7 20	20 51.14	−27 4.2	1.811	2.809	4.9	20.9
7 30	20 41.88	−27 15.3	1.791	2.799	3.2	20.8
8 9	20 32.48	−27 16.2	1.798	2.788	5.5	20.9
8 19	20 23.99	−27 5.3	1.830	2.778	9.0	21.1
8 29	20 17.33	−26 42.7	1.887	2.769	12.4	21.3
9 8	20 13.12	−26 10.0	1.964	2.759	15.3	21.5

123779 2001 BW_{12} 7 30.9 112.°24 4.°9/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.74	−32 55.8	2.396	3.288	9.9	19.5
7 10	20 58.50	−33 47.4	2.346	3.296	7.5	19.4
7 20	20 50.62	−34 32.8	2.322	3.304	5.5	19.3
7 30	20 41.83	−35 7.3	2.325	3.311	5.0	19.3
8 9	20 33.03	−35 27.3	2.356	3.318	6.5	19.4
8 19	20 25.07	−35 31.5	2.412	3.325	8.8	19.5
8 29	20 18.72	−35 20.5	2.492	3.332	11.2	19.7
9 8	20 14.50	−34 56.6	2.593	3.339	13.2	19.9

216270 2006 WQ_{99} 7 30.9 42.°06 2.°1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.29	−20 26.9	1.193	2.110	15.8	19.8
7 10	20 59.67	−21 10.5	1.154	2.125	11.1	19.5
7 20	20 51.48	−21 59.2	1.136	2.139	5.9	19.3
7 30	20 41.91	−22 45.5	1.141	2.155	2.1	19.1
8 9	20 32.45	−23 22.8	1.170	2.171	5.9	19.4
8 19	20 24.50	−23 46.9	1.223	2.187	10.8	19.7
8 29	20 19.16	−23 56.5	1.297	2.204	15.1	20.0
9 8	20 16.99	−23 52.4	1.389	2.222	18.6	20.3

482936 2014 JR_{38} 7 30.9 355.°38 6.°7/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.69	−33 51.5	1.931	2.833	11.5	20.8
7 10	20 58.26	−35 28.7	1.880	2.832	8.9	20.6
7 20	20 50.72	−36 59.6	1.854	2.831	7.0	20.5
7 30	20 41.86	−38 16.1	1.854	2.830	7.0	20.5
8 9	20 32.79	−39 12.2	1.879	2.829	8.8	20.6
8 19	20 24.64	−39 45.0	1.929	2.829	11.3	20.8
8 29	20 18.43	−39 54.9	2.000	2.829	13.9	21.0
9 8	20 14.83	−39 44.8	2.090	2.830	16.2	21.1

145801 1998 RF_{80} 7 30.9 289.°50 4.°3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.11	−25 26.3	1.494	2.405	13.7	19.5
7 10	21 0.48	−26 28.1	1.416	2.382	9.9	19.2
7 20	20 52.15	−27 32.4	1.361	2.360	6.0	18.9
7 30	20 42.00	−28 31.2	1.331	2.337	4.3	18.7
8 9	20 31.32	−29 16.6	1.325	2.314	7.3	18.9
8 19	20 21.58	−29 43.7	1.344	2.291	11.7	19.1
8 29	20 14.13	−29 51.0	1.385	2.269	15.8	19.2
9 8	20 9.87	−29 40.1	1.444	2.246	19.5	19.4

127008 2002 GU_8 7 30.9 30.°53 11.°1/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.44	−41 8.1	1.263	2.166	16.3	18.6
7 10	21 2.88	−42 22.1	1.239	2.181	13.4	18.4
7 20	20 53.24	−43 15.6	1.235	2.197	11.4	18.4
7 30	20 42.05	−43 39.1	1.253	2.215	11.2	18.4
8 9	20 31.22	−43 28.5	1.292	2.233	12.8	18.6
8 19	20 22.44	−42 45.8	1.352	2.252	15.3	18.8
8 29	20 16.88	−41 37.3	1.431	2.271	17.9	19.0
9 8	20 14.97	−40 10.8	1.526	2.292	20.2	19.2

391855 2008 SG_{300} 7 30.9 303.°20 1.°6/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.05	−14 42.3	1.542	2.438	14.2	21.1
7 10	20 59.46	−14 31.2	1.457	2.416	10.4	20.8
7 20	20 51.50	−14 28.3	1.395	2.393	6.0	20.5
7 30	20 41.95	−14 31.6	1.357	2.371	1.8	20.2
8 9	20 31.96	−14 38.1	1.345	2.348	4.6	20.3
8 19	20 22.81	−14 45.0	1.357	2.326	9.4	20.5
8 29	20 15.67	−14 49.5	1.393	2.304	14.0	20.7
9 8	20 11.36	−14 49.9	1.448	2.283	17.9	20.9

149082 2002 CQ_{93} 7 30.9 23.°04 1.°1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.69	−19 31.6	1.792	2.696	12.1	19.2
7 10	20 56.61	−20 6.1	1.737	2.702	8.5	18.9
7 20	20 49.71	−20 45.1	1.706	2.708	4.5	18.7
7 30	20 41.79	−21 24.2	1.700	2.715	1.1	18.5
8 9	20 33.81	−21 58.7	1.722	2.722	4.3	18.7
8 19	20 26.75	−22 25.4	1.768	2.730	8.3	19.0
8 29	20 21.45	−22 42.3	1.839	2.738	11.8	19.2
9 8	20 18.45	−22 48.9	1.931	2.746	14.8	19.4

199185 2005 YU_{264} 7 30.9 17.°44 1.°0/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.73	−19 52.0	1.171	2.091	15.9	19.8
7 10	20 58.63	−19 58.0	1.126	2.097	11.2	19.6
7 20	20 50.97	−20 9.0	1.101	2.105	5.9	19.3
7 30	20 41.89	−20 20.2	1.099	2.114	1.0	19.0
8 9	20 32.88	−20 26.9	1.121	2.125	5.3	19.3
8 19	20 25.32	−20 26.3	1.166	2.136	10.4	19.6
8 29	20 20.34	−20 17.1	1.231	2.149	14.9	19.9
9 8	20 18.49	−19 59.5	1.315	2.162	18.6	20.2

431412 2007 HV_{69} 7 30.9 144.°29 2.°3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.86	−22 8.6	2.022	2.918	11.3	21.9
7 10	20 59.43	−23 10.8	1.967	2.927	7.9	21.7
7 20	20 51.20	−24 15.4	1.937	2.937	4.4	21.5
7 30	20 41.92	−25 16.6	1.935	2.945	2.4	21.3
8 9	20 32.56	−26 9.2	1.961	2.953	4.9	21.5
8 19	20 24.07	−26 49.7	2.014	2.961	8.4	21.8
8 29	20 17.31	−27 16.6	2.092	2.968	11.6	22.0
9 8	20 12.84	−27 30.3	2.191	2.975	14.3	22.2

302138 2001 RZ_{99} 7 30.9 288.°00 2.°5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.25	−21 33.7	1.243	2.158	15.6	20.4
7 10	21 1.43	−22 11.2	1.177	2.146	11.1	20.1
7 20	20 52.70	−22 53.9	1.132	2.135	6.1	19.8
7 30	20 42.07	−23 34.6	1.111	2.124	2.5	19.5
8 9	20 31.07	−24 6.2	1.114	2.113	6.4	19.7
8 19	20 21.33	−24 24.0	1.139	2.102	11.6	20.0
8 29	20 14.25	−24 26.4	1.186	2.091	16.4	20.3
9 8	20 10.66	−24 14.5	1.251	2.080	20.4	20.5

397499 2007 RR_{298} 7 30.9 247.°54 4.°1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.29	− 4 32.2	2.267	3.117	12.0	22.0
7 10	20 56.85	− 4 31.8	2.179	3.102	9.4	21.8
7 20	20 49.84	− 4 45.1	2.114	3.088	6.5	21.6
7 30	20 41.83	− 5 11.4	2.076	3.072	4.4	21.4
8 9	20 33.57	− 5 48.5	2.064	3.057	4.8	21.4
8 19	20 25.84	− 6 33.1	2.081	3.040	7.3	21.5
8 29	20 19.42	− 7 21.5	2.123	3.024	10.3	21.7
9 8	20 14.86	− 8 9.5	2.188	3.007	13.1	21.9

41892 2000 WS_{119} 7 30.9 302.°90 3.°3/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.62	−24 10.5	1.563	2.473	13.2	18.3
7 10	20 59.20	−24 57.6	1.489	2.456	9.5	18.0
7 20	20 51.37	−25 47.0	1.439	2.439	5.5	17.8
7 30	20 41.96	−26 32.1	1.413	2.422	3.4	17.6
8 9	20 32.20	−27 6.5	1.412	2.405	6.3	17.7
8 19	20 23.38	−27 26.3	1.436	2.389	10.6	17.9
8 29	20 16.69	−27 30.0	1.483	2.373	14.6	18.2
9 8	20 12.93	−27 18.7	1.548	2.357	18.1	18.3

250835 2005 UW_{140} 7 30.9 286.°22 4.°7/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.11	− 2 41.3	2.178	3.026	12.6	20.4
7 10	20 55.31	− 2 45.3	2.099	3.018	9.9	20.3
7 20	20 49.01	− 3 5.0	2.042	3.010	7.1	20.1
7 30	20 41.77	− 3 39.8	2.010	3.002	5.0	19.9
8 9	20 34.35	− 4 27.0	2.005	2.994	5.1	19.9
8 19	20 27.51	− 5 22.9	2.027	2.987	7.5	20.0
8 29	20 21.98	− 6 22.9	2.074	2.979	10.3	20.2
9 8	20 18.31	− 7 22.6	2.144	2.971	13.1	20.4

477517 2010 CB_{230} 7 30.9 233.°42 2.°3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.04	−24 38.1	1.942	2.839	11.7	21.4
7 10	21 1.04	−24 44.0	1.876	2.836	8.3	21.2
7 20	20 52.09	−24 48.3	1.834	2.833	4.7	21.0
7 30	20 42.03	−24 47.4	1.818	2.830	2.3	20.8
8 9	20 31.91	−24 38.2	1.831	2.826	4.8	21.0
8 19	20 22.77	−24 19.8	1.870	2.823	8.5	21.2
8 29	20 15.52	−23 52.4	1.934	2.819	11.9	21.4
9 8	20 10.74	−23 17.6	2.019	2.816	14.9	21.6

11454 Mariomelita 7 30.9 242.°18 3.°3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.24	−27 14.0	1.866	2.762	12.1	17.6
7 10	21 2.73	−27 23.4	1.796	2.754	8.8	17.4
7 20	20 53.06	−27 29.0	1.750	2.746	5.2	17.1
7 30	20 42.11	−27 26.2	1.730	2.738	3.3	17.0
8 9	20 31.06	−27 11.7	1.738	2.729	5.7	17.1
8 19	20 21.07	−26 44.8	1.773	2.720	9.3	17.3
8 29	20 13.16	−26 6.6	1.833	2.711	12.8	17.5
9 8	20 7.94	−25 19.6	1.913	2.702	15.8	17.7

493613 2015 OR_9 7 30.9 253.°70 3.°7/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.41	− 7 1.9	2.104	2.967	12.3	21.3
7 10	20 56.93	− 6 50.8	2.030	2.964	9.4	21.1
7 20	20 49.87	− 6 51.8	1.980	2.961	6.3	20.9
7 30	20 41.85	− 7 4.1	1.956	2.958	3.9	20.8
8 9	20 33.69	− 7 25.5	1.959	2.954	4.6	20.8
8 19	20 26.20	− 7 53.2	1.988	2.951	7.4	21.0
8 29	20 20.16	− 8 23.8	2.043	2.947	10.5	21.2
9 8	20 16.09	− 8 54.0	2.121	2.944	13.3	21.4

131670 2001 XJ_{176} 7 30.9 306.°41 0.°5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.23	−17 1.5	1.196	2.111	16.1	19.4
7 10	20 59.36	−17 38.9	1.127	2.096	11.5	19.1
7 20	20 51.64	−18 28.2	1.078	2.081	6.2	18.7
7 30	20 42.01	−19 23.4	1.052	2.067	0.7	18.3
8 9	20 31.93	−20 16.7	1.049	2.053	5.6	18.6
8 19	20 22.96	−21 1.6	1.070	2.040	11.3	18.9
8 29	20 16.54	−21 33.5	1.111	2.026	16.4	19.1
9 8	20 13.56	−21 50.9	1.170	2.014	20.6	19.4

218500 2004 TT_{77} 7 30.9 335.°44 5.°6/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.14	−27 19.3	1.767	2.679	11.9	19.1
7 10	20 56.68	−29 33.5	1.703	2.666	8.7	18.9
7 20	20 50.03	−31 50.4	1.664	2.655	6.1	18.7
7 30	20 41.88	−33 59.7	1.652	2.644	5.9	18.7
8 9	20 33.29	−35 51.7	1.667	2.634	8.4	18.8
8 19	20 25.43	−37 19.9	1.707	2.624	11.6	19.0
8 29	20 19.43	−38 21.8	1.770	2.615	14.8	19.2
9 8	20 16.10	−38 58.6	1.851	2.607	17.4	19.3

37608 Löns 7 30.9 262.°62 4.°2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 8.14	−28 3.4	1.781	2.682	12.4	19.5
7 10	21 1.47	−28 41.0	1.709	2.669	9.0	19.3
7 20	20 52.50	−29 15.9	1.660	2.655	5.7	19.1
7 30	20 42.08	−29 41.9	1.638	2.641	4.3	19.0
8 9	20 31.42	−29 54.0	1.642	2.627	6.6	19.1
8 19	20 21.74	−29 50.1	1.671	2.612	10.2	19.3
8 29	20 14.15	−29 30.4	1.724	2.598	13.8	19.4
9 8	20 9.35	−28 57.4	1.797	2.583	16.8	19.6

257265 2009 FY_{58} 7 30.9 358.°70 2.°5/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 59.77	−12 27.2	0.949	1.871	18.4	19.7
7 10	20 56.33	−12 29.8	0.897	1.867	13.5	19.4
7 20	20 50.00	−12 50.2	0.863	1.864	7.9	19.1
7 30	20 41.88	−13 24.8	0.849	1.862	2.8	18.8
8 9	20 33.56	−14 7.1	0.856	1.862	5.7	19.0
8 19	20 26.66	−14 50.1	0.884	1.864	11.3	19.3
8 29	20 22.51	−15 27.5	0.931	1.867	16.6	19.6
9 8	20 21.88	−15 55.0	0.995	1.872	21.0	19.9

115172 2003 SN_{82} 7 30.9 6.°85 0.°9/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.90	−17 36.4	1.085	2.007	16.7	19.5
7 10	20 58.35	−18 17.5	1.035	2.007	11.8	19.2
7 20	20 51.00	−19 9.5	1.003	2.008	6.3	18.9
7 30	20 41.96	−20 5.1	0.994	2.009	0.9	18.6
8 9	20 32.77	−20 56.4	1.008	2.012	5.8	18.9
8 19	20 24.98	−21 36.9	1.044	2.015	11.3	19.2
8 29	20 19.89	−22 3.1	1.101	2.020	16.1	19.5
9 8	20 18.19	−22 14.2	1.174	2.025	20.2	19.8

264853 2002 RA_{55} 7 30.9 336.°97 0.°1/30.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.93	−19 17.0	1.062	1.985	16.8	19.3
7 10	20 59.31	−18 59.2	0.996	1.969	12.1	19.0
7 20	20 51.66	−18 46.2	0.949	1.954	6.6	18.6
7 30	20 42.03	−18 34.4	0.924	1.940	0.5	18.2
8 9	20 32.04	−18 20.2	0.922	1.927	5.7	18.5
8 19	20 23.39	−18 1.2	0.940	1.915	11.6	18.8
8 29	20 17.55	−17 36.4	0.979	1.906	16.9	19.1
9 8	20 15.37	−17 5.8	1.034	1.897	21.4	19.3

482211 2010 VA_{215} 7 30.9 72.°62 3.°7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.98	− 6 42.1	2.232	3.092	11.8	20.9
7 10	20 56.52	− 6 27.1	2.164	3.095	9.0	20.7
7 20	20 49.61	− 6 23.6	2.119	3.097	6.1	20.6
7 30	20 41.85	− 6 30.9	2.100	3.100	3.9	20.4
8 9	20 34.00	− 6 47.1	2.109	3.103	4.5	20.5
8 19	20 26.83	− 7 9.6	2.145	3.106	7.0	20.6
8 29	20 21.02	− 7 35.5	2.206	3.109	9.9	20.8
9 8	20 17.06	− 8 1.6	2.290	3.112	12.5	21.0

128860 2004 SL_{26} 7 30.9 300.°45 3.°4/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.90	− 2 45.3	1.630	2.491	15.4	18.7
7 10	20 57.19	− 4 23.1	1.540	2.473	11.9	18.4
7 20	20 50.32	− 6 30.6	1.472	2.455	7.7	18.1
7 30	20 41.93	− 9 3.3	1.430	2.437	3.9	17.9
8 9	20 33.01	−11 51.8	1.417	2.419	4.7	17.9
8 19	20 24.70	−14 43.8	1.432	2.401	9.0	18.1
8 29	20 18.12	−17 27.2	1.474	2.384	13.4	18.3
9 8	20 14.11	−19 53.3	1.538	2.367	17.3	18.5

37470 6834 *P–L* 7 30.9 58.°60 1.°5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.67	−21 13.6	1.956	2.855	11.5	18.5
7 10	20 57.81	−21 43.8	1.910	2.873	8.0	18.4
7 20	20 50.30	−22 15.9	1.889	2.891	4.3	18.2
7 30	20 41.90	−22 46.0	1.895	2.908	1.5	18.0
8 9	20 33.57	−23 10.2	1.928	2.926	4.3	18.2
8 19	20 26.19	−23 26.1	1.988	2.944	7.8	18.5
8 29	20 20.52	−23 32.7	2.072	2.962	11.0	18.7
9 8	20 17.04	−23 30.2	2.177	2.981	13.7	18.9

91136 1998 KK_6 7 30.9 182.°41 10.°9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.30	−52 7.1	2.370	3.199	12.3	19.9
7 10	21 7.60	−53 55.1	2.336	3.200	11.2	19.9
7 20	20 55.95	−55 23.9	2.325	3.200	10.9	19.8
7 30	20 42.39	−56 25.5	2.337	3.200	11.2	19.9
8 9	20 28.49	−56 55.5	2.373	3.199	12.3	19.9
8 19	20 15.89	−56 54.1	2.429	3.197	13.6	20.0
8 29	20 5.98	−56 25.1	2.504	3.195	15.0	20.1
9 8	19 59.58	−55 34.6	2.594	3.192	16.2	20.3

490628 2010 BW_4 7 30.9 197.°71 1.°1/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.07	−20 16.3	2.080	2.972	11.2	22.5
7 10	20 59.60	−20 43.4	2.011	2.970	7.9	22.2
7 20	20 51.34	−21 13.6	1.966	2.967	4.2	22.0
7 30	20 42.01	−21 43.1	1.949	2.963	1.2	21.8
8 9	20 32.54	−22 7.8	1.960	2.959	4.1	22.0
8 19	20 23.88	−22 25.3	1.999	2.955	7.8	22.2
8 29	20 16.86	−22 34.1	2.063	2.950	11.2	22.4
9 8	20 12.07	−22 34.1	2.148	2.945	14.1	22.6

107102 2001 AV_{33} 7 30.9 268.°49 4.°1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.12	−24 58.9	1.490	2.400	13.8	19.5
7 10	21 1.16	−26 4.7	1.419	2.384	9.9	19.2
7 20	20 52.53	−27 13.2	1.370	2.369	6.0	18.9
7 30	20 42.13	−28 16.1	1.346	2.353	4.2	18.8
8 9	20 31.29	−29 5.4	1.348	2.337	7.2	18.9
8 19	20 21.47	−29 36.4	1.374	2.321	11.5	19.1
8 29	20 13.98	−29 47.6	1.422	2.304	15.6	19.3
9 8	20 9.67	−29 40.7	1.488	2.288	19.1	19.5

438933 2010 FS_{22} 7 30.9 240.°56 0.°5/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.64	−14 48.0	1.970	2.858	12.0	21.4
7 10	20 58.01	−15 21.4	1.893	2.849	8.6	21.1
7 20	20 50.56	−16 3.7	1.840	2.839	4.7	20.9
7 30	20 41.96	−16 51.2	1.814	2.829	0.7	20.6
8 9	20 33.11	−17 39.5	1.816	2.819	3.7	20.8
8 19	20 24.97	−18 24.2	1.844	2.808	7.8	21.0
8 29	20 18.42	−19 2.3	1.898	2.797	11.5	21.2
9 8	20 14.08	−19 31.7	1.973	2.786	14.6	21.4

519076 2010 LJ_{23} 7 30.9 144.°14 8.°1/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.10	+ 3 26.0	1.998	2.811	14.8	20.8
7 10	20 58.87	+ 4 21.0	1.931	2.815	12.3	20.6
7 20	20 50.94	+ 4 57.1	1.886	2.819	10.0	20.5
7 30	20 41.99	+ 5 12.4	1.864	2.823	8.3	20.4
8 9	20 32.91	+ 5 7.3	1.869	2.827	8.2	20.4
8 19	20 24.59	+ 4 44.1	1.898	2.831	9.7	20.5
8 29	20 17.84	+ 4 7.2	1.952	2.834	12.0	20.6
9 8	20 13.22	+ 3 22.2	2.027	2.837	14.3	20.8

275711 2000 WP_{65} 7 30.9 330.°54 3.°1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.30	−24 19.9	1.818	2.726	11.8	20.5
7 10	20 57.24	−25 7.7	1.752	2.717	8.4	20.3
7 20	20 50.20	−25 56.9	1.709	2.708	4.9	20.0
7 30	20 41.95	−26 41.8	1.691	2.700	3.1	19.9
8 9	20 33.49	−27 17.2	1.701	2.692	5.6	20.1
8 19	20 25.89	−27 39.8	1.735	2.685	9.3	20.3
8 29	20 20.09	−27 48.4	1.793	2.678	12.7	20.5
9 8	20 16.73	−27 43.4	1.871	2.672	15.7	20.7

71000 Hughdowns 7 30.9 270.°67 4.°1/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.58	−25 46.9	1.904	2.807	11.6	18.5
7 10	20 58.98	−27 7.8	1.827	2.789	8.4	18.3
7 20	20 51.23	−28 31.0	1.775	2.771	5.2	18.1
7 30	20 42.05	−29 49.2	1.750	2.752	4.2	18.0
8 9	20 32.45	−30 55.4	1.752	2.734	6.6	18.1
8 19	20 23.57	−31 44.9	1.780	2.715	10.1	18.3
8 29	20 16.47	−32 15.7	1.831	2.696	13.5	18.4
9 8	20 11.91	−32 28.6	1.902	2.677	16.4	18.6

9832 Xiaobinwang 7 30.9 318.°18 4.°2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.54	− 9 33.4	1.372	2.262	16.0	18.2
7 10	20 59.19	− 9 4.1	1.300	2.251	12.1	18.0
7 20	20 51.41	− 8 48.7	1.249	2.239	7.8	17.7
7 30	20 42.06	− 8 46.9	1.221	2.228	4.4	17.5
8 9	20 32.40	− 8 56.5	1.218	2.218	5.8	17.5
8 19	20 23.72	− 9 14.0	1.238	2.208	10.0	17.7
8 29	20 17.24	− 9 35.2	1.281	2.198	14.4	18.0
9 8	20 13.70	− 9 56.0	1.342	2.189	18.3	18.2

86143 1999 RV_{186} 7 30.9 289.°54 1.°1/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.43	−20 45.4	2.129	3.026	10.8	20.0
7 10	20 57.78	−21 2.7	2.052	3.013	7.7	19.8
7 20	20 50.41	−21 22.6	2.000	3.000	4.1	19.6
7 30	20 41.98	−21 41.7	1.974	2.988	1.1	19.3
8 9	20 33.36	−21 56.7	1.976	2.975	4.0	19.5
8 19	20 25.45	−22 5.2	2.005	2.963	7.7	19.7
8 29	20 19.08	−22 6.0	2.059	2.950	11.0	19.9
9 8	20 14.82	−21 59.0	2.134	2.938	13.9	20.1

445270 2009 SC_{329} 7 30.9 313.°16 7.°5/ 5.2 17

6 30	20 59.06	+ 3 46.9	2.004	2.826	14.5	20.7
7 10	20 54.88	+ 3 57.3	1.903	2.795	12.2	20.5
7 20	20 48.97	+ 3 46.2	1.823	2.764	9.8	20.2
7 30	20 41.87	+ 3 12.3	1.765	2.734	7.9	20.1
8 9	20 34.36	+ 2 16.4	1.733	2.704	7.7	20.0
8 19	20 27.30	+ 1 2.3	1.725	2.674	9.4	20.0
8 29	20 21.59	− 0 24.3	1.742	2.645	12.1	20.1
9 8	20 17.90	− 1 56.4	1.781	2.616	15.0	20.3

342294 2008 TP_{38} 7 30.9 207.°05 8.°4/24.9 18

6 30	21 12.71	−42 57.4	2.234	3.101	11.6	21.0
7 10	21 4.57	−43 59.9	2.179	3.096	9.7	20.9
7 20	20 54.11	−44 48.8	2.149	3.090	8.5	20.8
7 30	20 42.29	−45 17.0	2.144	3.084	8.5	20.8
8 9	20 30.37	−45 20.6	2.164	3.078	9.8	20.9
8 19	20 19.62	−44 59.5	2.209	3.071	11.7	21.0
8 29	20 11.12	−44 16.3	2.275	3.063	13.7	21.1
9 8	20 5.50	−43 16.1	2.360	3.055	15.6	21.2

85759 1998 ST_{161} 7 30.9 345.°67 4.°1/ 2.2 18

6 30	20 58.48	− 7 41.2	1.100	2.006	17.9	18.4
7 10	20 55.25	− 8 0.2	1.037	1.995	13.6	18.1
7 20	20 49.42	− 8 43.1	0.992	1.986	8.7	17.8
7 30	20 41.91	− 9 47.2	0.968	1.977	4.5	17.5
8 9	20 34.06	−11 5.6	0.966	1.971	5.8	17.6
8 19	20 27.30	−12 29.4	0.987	1.965	10.7	17.8
8 29	20 22.95	−13 49.5	1.028	1.961	15.6	18.1
9 8	20 21.80	−14 58.6	1.087	1.958	19.9	18.3

435137 2007 GH_{23} 7 30.9 64.°05 6.°4/27.4 17

6 30	21 8.16	−32 0.2	1.549	2.455	13.6	20.9
7 10	21 1.56	−33 4.7	1.508	2.466	10.2	20.7
7 20	20 52.52	−34 1.5	1.491	2.477	7.3	20.6
7 30	20 42.16	−34 42.5	1.497	2.488	6.5	20.6
8 9	20 31.85	−35 2.5	1.529	2.500	8.6	20.7
8 19	20 22.94	−35 0.1	1.585	2.512	11.7	20.9
8 29	20 16.49	−34 37.5	1.662	2.523	14.8	21.1
9 8	20 13.08	−33 58.7	1.758	2.535	17.5	21.4

13637 1995 YO_3 7 30.9 245.°27 0.°4/31.1 18

6 30	21 6.05	−15 40.2	1.751	2.643	13.0	18.7
7 10	20 59.95	−16 3.9	1.673	2.630	9.4	18.4
7 20	20 51.72	−16 36.3	1.618	2.617	5.1	18.2
7 30	20 42.11	−17 13.4	1.589	2.604	0.7	17.8
8 9	20 32.19	−17 50.8	1.587	2.590	4.2	18.0
8 19	20 23.06	−18 24.3	1.611	2.575	8.7	18.3
8 29	20 15.79	−18 50.8	1.660	2.561	12.7	18.5
9 8	20 11.07	−19 8.8	1.729	2.546	16.2	18.7

311508 2005 WB_{139} 7 30.9 210.°03 2.°3/29.1 18

6 30	21 2.62	−24 7.3	2.488	3.384	9.5	21.4
7 10	20 57.02	−24 50.1	2.421	3.380	6.7	21.2
7 20	20 49.93	−25 33.6	2.379	3.377	3.8	21.0
7 30	20 41.95	−26 13.6	2.365	3.373	2.3	20.9
8 9	20 33.85	−26 46.4	2.379	3.370	4.4	21.0
8 19	20 26.39	−27 9.8	2.421	3.366	7.3	21.2
8 29	20 20.27	−27 22.5	2.489	3.362	10.1	21.4
9 8	20 16.02	−27 24.7	2.578	3.357	12.5	21.5

439834 1995 UV_{42} 7 30.9 299.°04 2.°7/29.2 17

6 30	21 3.69	−24 5.9	1.954	2.856	11.4	21.6
7 10	20 58.19	−24 41.2	1.875	2.838	8.1	21.4
7 20	20 50.74	−25 17.7	1.820	2.820	4.6	21.2
7 30	20 42.03	−25 50.5	1.792	2.802	2.7	21.0
8 9	20 33.05	−26 15.1	1.791	2.784	5.2	21.1
8 19	20 24.81	−26 28.5	1.815	2.766	8.9	21.3
8 29	20 18.28	−26 29.7	1.864	2.748	12.4	21.5
9 8	20 14.12	−26 19.2	1.933	2.731	15.4	21.7

447294 2005 WS_{62} 7 30.9 298.°77 1.°1/30.1 17

6 30	21 1.45	−18 12.5	2.018	2.916	11.3	21.1
7 10	20 56.62	−19 9.3	1.929	2.890	8.0	20.9
7 20	20 49.92	−20 14.2	1.864	2.865	4.3	20.6
7 30	20 41.97	−21 22.4	1.825	2.840	1.1	20.3
8 9	20 33.62	−22 28.4	1.815	2.814	4.3	20.5
8 19	20 25.82	−23 27.1	1.831	2.789	8.3	20.7
8 29	20 19.50	−24 15.0	1.872	2.763	12.0	20.9
9 8	20 15.39	−24 50.1	1.934	2.738	15.1	21.1

350887 2002 QN_{121} 7 30.9 348.°72 1.°7/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.89	−13 31.2	1.568	2.464	14.0	20.8
7 10	20 57.73	−13 32.3	1.502	2.460	10.2	20.6
7 20	20 50.50	−13 43.6	1.459	2.457	5.9	20.3
7 30	20 42.01	−14 2.5	1.440	2.454	1.9	20.1
8 9	20 33.36	−14 25.3	1.447	2.451	4.3	20.2
8 19	20 25.65	−14 48.3	1.479	2.449	8.7	20.5
8 29	20 19.89	−15 8.3	1.534	2.448	12.8	20.7
9 8	20 16.70	−15 22.8	1.610	2.447	16.2	21.0

442075 2010 RX_{164} 7 30.9 285.°39 0.°3/30.7 18

6 30	21 4.42	−19 3.5	2.124	3.017	11.0	21.1
7 10	20 58.49	−19 6.4	2.043	3.002	7.8	20.9
7 20	20 50.81	−19 12.4	1.987	2.987	4.2	20.6
7 30	20 42.06	−19 19.0	1.957	2.972	0.4	20.3
8 9	20 33.10	−19 23.3	1.956	2.957	3.7	20.6
8 19	20 24.84	−19 23.4	1.981	2.943	7.5	20.8
8 29	20 18.13	−19 18.1	2.032	2.928	11.0	21.0
9 8	20 13.55	−19 7.1	2.105	2.913	14.0	21.1

304484 2006 UP_{103} 7 30.9 227.°18 0.°8/31.5 18

6 30	21 2.30	−14 20.5	2.184	3.069	11.1	21.7
7 10	20 56.89	−14 43.4	2.112	3.066	8.0	21.5
7 20	20 49.91	−15 14.0	2.065	3.062	4.4	21.3
7 30	20 41.99	−15 49.3	2.044	3.058	1.0	21.0
8 9	20 33.91	−16 25.9	2.051	3.054	3.4	21.2
8 19	20 26.50	−17 0.5	2.086	3.050	7.0	21.4
8 29	20 20.51	−17 30.4	2.146	3.046	10.3	21.6
9 8	20 16.48	−17 53.8	2.229	3.042	13.1	21.8

151315 2002 CQ_{115} 7 30.9 199.°16 1.°1/30.0 18

6 30	21 2.63	−20 32.3	2.698	3.587	9.1	21.5
7 10	20 56.91	−21 4.0	2.626	3.584	6.4	21.4
7 20	20 49.85	−21 38.1	2.580	3.580	3.4	21.2
7 30	20 41.98	−22 11.6	2.562	3.576	1.1	21.0
8 9	20 34.00	−22 41.2	2.574	3.572	3.4	21.1
8 19	20 26.58	−23 4.8	2.614	3.567	6.4	21.3
8 29	20 20.38	−23 20.9	2.680	3.562	9.1	21.5
9 8	20 15.86	−23 29.0	2.769	3.556	11.5	21.7

85554 1997 YF_{14} 7 30.9 229.°67 0.°7/31.3 18

6 30	21 6.12	−15 29.7	1.984	2.869	12.0	19.9
7 10	20 59.77	−15 38.9	1.906	2.860	8.6	19.7
7 20	20 51.53	−15 54.8	1.852	2.850	4.8	19.4
7 30	20 42.13	−16 14.7	1.825	2.839	0.9	19.1
8 9	20 32.51	−16 35.3	1.826	2.828	3.7	19.3
8 19	20 23.63	−16 53.7	1.854	2.817	7.8	19.5
8 29	20 16.41	−17 7.7	1.907	2.805	11.5	19.7
9 8	20 11.48	−17 15.9	1.982	2.793	14.6	19.9

348375 2005 EG_{295} 7 30.9 248.°99 5.°7/27.5 18

6 30	21 8.54	−33 18.0	1.992	2.886	11.6	20.7
7 10	21 1.61	−34 0.8	1.928	2.878	8.8	20.5
7 20	20 52.55	−34 36.5	1.888	2.870	6.4	20.4
7 30	20 42.21	−34 58.9	1.874	2.862	5.8	20.3
8 9	20 31.75	−35 3.8	1.886	2.853	7.5	20.4
8 19	20 22.30	−34 50.0	1.924	2.845	10.3	20.6
8 29	20 14.87	−34 18.9	1.985	2.836	13.2	20.7
9 8	20 10.09	−33 33.8	2.067	2.827	15.7	20.9

218489 2004 TK_{45} 7 30.9 327.°08 4.°8/27.8 18

6 30	21 4.38	−30 49.7	2.048	2.948	11.0	19.7
7 10	20 58.59	−31 32.4	1.985	2.942	8.2	19.5
7 20	20 50.89	−32 10.4	1.947	2.936	5.6	19.3
7 30	20 42.07	−32 38.2	1.935	2.930	4.9	19.3
8 9	20 33.13	−32 51.9	1.949	2.924	6.7	19.4
8 19	20 25.09	−32 49.6	1.989	2.918	9.5	19.5
8 29	20 18.83	−32 31.8	2.052	2.913	12.4	19.7
9 8	20 14.94	−32 0.7	2.135	2.908	14.9	19.9

260546 2005 EG_{181} 7 30.9 51.°57 4.°1/29.3 17

6 30	21 9.32	−25 51.0	1.201	2.117	15.9	19.9
7 10	21 2.62	−26 24.4	1.162	2.130	11.3	19.7
7 20	20 53.17	−26 55.5	1.144	2.144	6.6	19.4
7 30	20 42.26	−27 16.6	1.149	2.158	4.1	19.3
8 9	20 31.55	−27 22.7	1.179	2.173	7.2	19.6
8 19	20 22.54	−27 12.1	1.231	2.188	11.6	19.9
8 29	20 16.39	−26 46.3	1.305	2.203	15.7	20.2
9 8	20 13.63	−26 8.6	1.397	2.218	19.1	20.4

436335 2010 GB_{172} 7 30.9 26.°86 3.°9/27.9 18

6 30	21 3.30	−23 38.4	1.657	2.567	12.7	20.0
7 10	20 58.12	−25 19.3	1.603	2.569	9.0	19.8
7 20	20 50.77	−27 3.6	1.572	2.571	5.3	19.6
7 30	20 42.08	−28 42.6	1.568	2.574	4.0	19.5
8 9	20 33.17	−30 8.0	1.591	2.577	6.7	19.7
8 19	20 25.19	−31 14.3	1.639	2.580	10.4	19.9
8 29	20 19.21	−31 59.3	1.710	2.583	13.9	20.1
9 8	20 15.90	−32 24.0	1.800	2.586	16.8	20.3

319796 2006 VK_6 7 30.9 197.°87 4.°0/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.13	− 7 10.1	1.662	2.534	14.7	20.7
7 10	20 59.23	− 7 7.7	1.594	2.533	11.1	20.5
7 20	20 51.30	− 7 20.7	1.547	2.531	7.3	20.3
7 30	20 42.13	− 7 47.9	1.525	2.530	4.3	20.1
8 9	20 32.76	− 8 25.8	1.529	2.528	5.2	20.2
8 19	20 24.28	− 9 9.9	1.560	2.526	8.7	20.4
8 29	20 17.66	− 9 55.5	1.614	2.523	12.5	20.6
9 8	20 13.54	−10 38.2	1.689	2.520	15.8	20.8

461179 2015 VE_4 7 30.9 275.°32 3.°6/ 2.2 17

6 30	21 2.90	− 6 43.8	2.602	3.453	10.6	21.4
7 10	20 57.21	− 6 22.2	2.502	3.429	8.2	21.2
7 20	20 50.08	− 6 9.8	2.428	3.404	5.6	21.0
7 30	20 42.03	− 6 6.6	2.380	3.378	3.7	20.9
8 9	20 33.70	− 6 11.6	2.361	3.353	4.3	20.9
8 19	20 25.81	− 6 23.0	2.369	3.327	6.7	21.0
8 29	20 19.04	− 6 38.6	2.405	3.300	9.5	21.1
9 8	20 13.93	− 6 55.8	2.463	3.274	12.1	21.3

321447 2009 QJ_{60} 7 30.9 359.°06 0.°0/30.8 18

6 30	21 0.06	−16 37.2	1.691	2.595	12.7	20.1
7 10	20 55.65	−17 4.6	1.629	2.593	9.0	19.8
7 20	20 49.36	−17 39.8	1.590	2.591	4.9	19.6
7 30	20 41.96	−18 18.9	1.575	2.590	0.4	19.2
8 9	20 34.43	−18 57.1	1.587	2.590	4.1	19.5
8 19	20 27.76	−19 30.5	1.624	2.591	8.3	19.8
8 29	20 22.84	−19 56.0	1.684	2.593	12.1	20.0
9 8	20 20.28	−20 12.1	1.765	2.595	15.3	20.2

259165 2002 YD_{21} 7 30.9 161.°32 3.°2/28.6 18

6 30	21 7.07	−24 19.5	2.015	2.912	11.4	21.0
7 10	21 0.43	−25 30.1	1.959	2.918	8.0	20.9
7 20	20 51.87	−26 41.5	1.927	2.924	4.7	20.7
7 30	20 42.18	−27 47.5	1.923	2.929	3.2	20.6
8 9	20 32.34	−28 42.4	1.947	2.934	5.6	20.7
8 19	20 23.39	−29 22.7	1.998	2.938	8.9	20.9
8 29	20 16.22	−29 47.4	2.074	2.941	12.0	21.2
9 8	20 11.44	−29 57.3	2.171	2.944	14.7	21.3

146880 2002 CV_8 7 30.9 162.°58 0.°9/31.5 18

6 30	21 3.67	−15 19.7	2.209	3.094	11.0	20.2
7 10	20 57.79	−15 19.8	2.142	3.095	7.9	20.0
7 20	20 50.36	−15 25.6	2.098	3.095	4.4	19.8
7 30	20 42.05	−15 34.9	2.082	3.096	1.0	19.5
8 9	20 33.65	−15 45.4	2.094	3.097	3.3	19.7
8 19	20 25.98	−15 54.8	2.133	3.097	6.9	19.9
8 29	20 19.77	−16 1.4	2.198	3.097	10.1	20.1
9 8	20 15.53	−16 4.1	2.285	3.098	12.9	20.3

365523 2010 RA_{127} 7 30.9 196.°06 2.°8/28.7 18

6 30	21 3.59	−26 24.0	2.594	3.488	9.2	21.9
7 10	20 57.68	−27 2.7	2.529	3.486	6.6	21.7
7 20	20 50.30	−27 40.1	2.489	3.484	4.0	21.6
7 30	20 42.07	−28 12.4	2.477	3.482	2.8	21.5
8 9	20 33.73	−28 36.3	2.494	3.479	4.6	21.6
8 19	20 26.05	−28 49.8	2.538	3.476	7.3	21.8
8 29	20 19.72	−28 52.3	2.607	3.473	9.9	21.9
9 8	20 15.23	−28 44.6	2.699	3.469	12.2	22.1

520326 2014 GH_{60} 7 30.9 7.°28 2.°3/29.6 18

6 30	21 5.12	−23 42.8	1.878	2.780	11.8	21.0
7 10	20 59.10	−24 6.8	1.817	2.780	8.3	20.8
7 20	20 51.17	−24 31.0	1.780	2.780	4.7	20.6
7 30	20 42.15	−24 51.1	1.770	2.781	2.3	20.4
8 9	20 33.05	−25 3.2	1.786	2.781	4.9	20.6
8 19	20 24.90	−25 5.3	1.828	2.782	8.6	20.8
8 29	20 18.58	−24 56.9	1.895	2.783	12.0	21.0
9 8	20 14.66	−24 38.9	1.982	2.784	14.9	21.2

309132 2006 XP_{31} 7 30.9 294.°71 1.°5/29.9 18

6 30	21 2.42	−20 13.0	1.988	2.888	11.3	20.7
7 10	20 57.22	−20 55.3	1.915	2.878	8.0	20.5
7 20	20 50.21	−21 42.3	1.866	2.868	4.3	20.2
7 30	20 42.07	−22 29.3	1.844	2.857	1.5	20.0
8 9	20 33.71	−23 11.7	1.849	2.847	4.4	20.2
8 19	20 26.07	−23 45.7	1.880	2.837	8.2	20.4
8 29	20 20.03	−24 9.1	1.936	2.827	11.6	20.6
9 8	20 16.20	−24 21.3	2.013	2.818	14.6	20.8

443743 2015 LM_{34} 7 30.9 114.°49 2.°4/29.0 18

6 30	21 3.10	−22 5.2	2.056	2.956	11.0	20.3
7 10	20 57.59	−23 14.8	1.999	2.961	7.7	20.1
7 20	20 50.35	−24 27.2	1.967	2.967	4.3	19.9
7 30	20 42.08	−25 36.9	1.962	2.972	2.4	19.8
8 9	20 33.68	−26 38.3	1.985	2.977	4.9	20.0
8 19	20 26.06	−27 27.4	2.035	2.982	8.3	20.2
8 29	20 20.05	−28 2.5	2.109	2.987	11.4	20.4
9 8	20 16.21	−28 23.4	2.205	2.991	14.1	20.6

520485 2014 KJ_{111} 7 30.9 46.°51 3.°7/ 2.7 18

	h m	° ′			°	m
6 30	21 0.63	− 5 46.3	2.086	2.948	12.5	21.2
7 10	20 55.71	− 5 55.8	2.020	2.953	9.5	21.0
7 20	20 49.29	− 6 19.4	1.978	2.958	6.4	20.8
7 30	20 41.99	− 6 55.4	1.961	2.963	4.0	20.7
8 9	20 34.60	− 7 40.7	1.972	2.968	4.4	20.7
8 19	20 27.90	− 8 31.4	2.009	2.974	7.2	20.9
8 29	20 22.60	− 9 23.1	2.072	2.979	10.2	21.1
9 8	20 19.22	−10 12.2	2.157	2.985	13.0	21.3

175342 2005 NS_{80} 7 30.9 19.°51 7.°4/ 4.5 17

6 30	21 0.00	− 0 24.5	1.170	2.045	19.3	19.1
7 10	20 56.07	− 0 29.9	1.118	2.051	15.4	18.8
7 20	20 49.76	− 1 5.2	1.084	2.057	11.3	18.6
7 30	20 42.04	− 2 9.2	1.070	2.064	8.0	18.5
8 9	20 34.19	− 3 35.9	1.079	2.073	7.8	18.5
8 19	20 27.50	− 5 16.0	1.111	2.082	10.8	18.7
8 29	20 23.09	− 6 59.0	1.164	2.092	14.7	19.0
9 8	20 21.61	− 8 35.7	1.236	2.103	18.3	19.2

255196 2005 UH_{313} 7 30.9 319.°86 3.°7/ 1.9 18

6 30	21 2.11	− 8 14.5	1.928	2.801	12.9	20.3
7 10	20 56.96	− 7 55.4	1.851	2.790	9.8	20.1
7 20	20 50.05	− 7 48.0	1.795	2.780	6.5	19.9
7 30	20 42.07	− 7 51.8	1.766	2.770	3.9	19.7
8 9	20 33.87	− 8 4.8	1.763	2.760	4.7	19.7
8 19	20 26.37	− 8 24.4	1.786	2.751	7.9	19.9
8 29	20 20.41	− 8 47.3	1.833	2.741	11.3	20.1
9 8	20 16.59	− 9 10.1	1.902	2.733	14.4	20.3

452012 2014 OC_{93} 7 30.9 330.°95 2.°4/ 1.6 18

6 30	21 1.20	−10 10.6	2.301	3.173	11.1	21.0
7 10	20 56.04	−10 7.3	2.228	3.171	8.2	20.8
7 20	20 49.45	−10 13.2	2.180	3.168	5.1	20.6
7 30	20 42.01	−10 27.0	2.158	3.166	2.6	20.5
8 9	20 34.46	−10 46.3	2.163	3.164	3.6	20.5
8 19	20 27.53	−11 8.6	2.196	3.162	6.6	20.7
8 29	20 21.91	−11 31.4	2.255	3.160	9.7	20.9
9 8	20 18.09	−11 52.2	2.337	3.158	12.3	21.1

484313 2007 TE_{112} 7 30.9 289.°58 3.°5/ 1.8 17

6 30	21 4.26	− 8 37.3	1.920	2.791	13.0	22.1
7 10	20 58.70	− 8 28.6	1.819	2.759	9.9	21.8
7 20	20 51.14	− 8 32.0	1.741	2.727	6.5	21.6
7 30	20 42.18	− 8 46.8	1.689	2.695	3.7	21.3
8 9	20 32.73	− 9 10.9	1.663	2.662	4.7	21.3
8 19	20 23.79	− 9 41.1	1.664	2.629	8.4	21.5
8 29	20 16.36	−10 13.9	1.690	2.596	12.2	21.6
9 8	20 11.22	−10 45.5	1.737	2.562	15.8	21.8

474352 2002 QH_{63} 7 30.9 321.°53 0.°6/31.3 18

6 30	21 2.62	−15 57.6	1.508	2.412	14.0	20.9
7 10	20 57.83	−16 5.2	1.430	2.393	10.1	20.6
7 20	20 50.74	−16 21.5	1.373	2.373	5.6	20.3
7 30	20 42.14	−16 43.3	1.340	2.355	0.9	19.9
8 9	20 33.18	−17 6.4	1.332	2.337	4.5	20.2
8 19	20 25.07	−17 27.0	1.349	2.319	9.4	20.4
8 29	20 18.96	−17 41.9	1.389	2.303	13.8	20.6
9 8	20 15.63	−17 49.2	1.448	2.287	17.6	20.8

521604 2015 PO_{319} 7 30.9 318.°73 0.°4/31.2 18

6 30	21 1.08	−15 7.7	2.080	2.971	11.3	21.2
7 10	20 56.14	−15 38.0	2.008	2.965	8.1	20.9
7 20	20 49.58	−16 16.2	1.961	2.960	4.4	20.7
7 30	20 42.03	−16 59.0	1.940	2.955	0.6	20.4
8 9	20 34.32	−17 42.2	1.946	2.950	3.5	20.6
8 19	20 27.28	−18 22.3	1.980	2.945	7.2	20.9
8 29	20 21.70	−18 56.3	2.039	2.940	10.7	21.1
9 8	20 18.13	−19 22.3	2.119	2.936	13.6	21.3

217371 2004 TM_{169} 7 30.9 314.°96 1.°8/29.7 18

6 30	21 1.61	−21 14.6	1.960	2.863	11.3	19.8
7 10	20 56.71	−21 55.3	1.883	2.848	8.0	19.6
7 20	20 49.98	−22 40.1	1.831	2.832	4.4	19.4
7 30	20 42.07	−23 24.1	1.804	2.817	1.8	19.2
8 9	20 33.91	−24 2.8	1.805	2.802	4.6	19.3
8 19	20 26.45	−24 32.5	1.831	2.788	8.4	19.5
8 29	20 20.60	−24 51.2	1.882	2.774	11.9	19.7
9 8	20 16.98	−24 58.2	1.953	2.760	14.9	19.9

445416 2010 TT_{115} 7 30.9 204.°61 4.°8/ 4.3 18

6 30	21 0.20	+ 0 23.8	2.824	3.643	10.8	22.2
7 10	20 55.15	+ 0 23.8	2.742	3.638	8.7	22.1
7 20	20 48.93	+ 0 10.1	2.683	3.634	6.6	21.9
7 30	20 41.98	− 0 17.1	2.651	3.629	5.0	21.8
8 9	20 34.91	− 0 56.0	2.646	3.624	5.0	21.8
8 19	20 28.28	− 1 43.9	2.669	3.618	6.5	21.9
8 29	20 22.68	− 2 37.4	2.719	3.612	8.6	22.1
9 8	20 18.54	− 3 32.7	2.793	3.606	10.8	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
490888	2011 BD_{53}		7 30.9	292.°75	0.°3/30.7	17
	h m	° ′			°	m
6 30	21 1.50	−14 22.1	2.284	3.168	10.7	21.0
7 10	20 56.56	−15 45.3	2.186	3.141	7.6	20.7
7 20	20 49.91	−17 20.6	2.114	3.113	4.1	20.5
7 30	20 42.08	−19 3.3	2.070	3.085	0.4	20.1
8 9	20 33.82	−20 47.0	2.056	3.057	3.7	20.3
8 19	20 25.95	−22 25.6	2.072	3.029	7.5	20.5
8 29	20 19.33	−23 54.0	2.114	3.001	11.0	20.7
9 8	20 14.63	−25 9.0	2.178	2.973	14.0	20.9
263088	2007 TL_{11}		7 30.9	294.°78	5.°5/28.3	18
6 30	21 8.52	−28 5.6	1.288	2.203	15.1	20.1
7 10	21 2.45	−29 0.2	1.226	2.192	11.1	19.8
7 20	20 53.38	−29 52.7	1.185	2.181	7.2	19.6
7 30	20 42.39	−30 33.8	1.167	2.170	5.6	19.5
8 9	20 31.07	−30 55.9	1.173	2.160	8.5	19.6
8 19	20 21.10	−30 55.8	1.202	2.149	12.8	19.8
8 29	20 13.90	−30 34.3	1.252	2.139	17.0	20.0
9 8	20 10.30	−29 55.3	1.319	2.129	20.6	20.3
158721	2003 KN_{10}		7 30.9	22.°00	0.°4/30.6	17
6 30	20 57.68	−12 12.4	1.015	1.936	17.6	18.5
7 10	20 54.63	−14 11.6	0.980	1.951	12.4	18.2
7 20	20 49.04	−16 30.7	0.965	1.969	6.5	18.0
7 30	20 42.00	−18 57.0	0.972	1.987	0.6	17.6
8 9	20 34.94	−21 16.0	1.003	2.008	5.6	18.1
8 19	20 29.26	−23 15.8	1.058	2.030	11.1	18.4
8 29	20 26.09	−24 49.4	1.133	2.053	15.7	18.8
9 8	20 26.00	−25 55.2	1.226	2.077	19.4	19.1
270459	2002 CK_{256}		7 30.9	64.°15	2.°1/29.7	17
6 30	21 5.56	−20 38.0	1.527	2.434	13.7	19.6
7 10	20 59.56	−21 33.2	1.487	2.452	9.6	19.4
7 20	20 51.46	−22 32.1	1.469	2.471	5.1	19.2
7 30	20 42.21	−23 28.3	1.477	2.490	2.1	19.1
8 9	20 33.04	−24 15.7	1.511	2.509	5.3	19.3
8 19	20 25.07	−24 50.3	1.570	2.528	9.4	19.6
8 29	20 19.27	−25 10.8	1.652	2.547	13.1	19.9
9 8	20 16.15	−25 17.8	1.755	2.566	16.2	20.1
439435	2013 GR_{84}		7 30.9	93.°87	0.°2/30.7	18
6 30	21 0.88	−16 18.5	2.320	3.209	10.3	20.5
7 10	20 55.84	−17 7.2	2.256	3.213	7.3	20.3
7 20	20 49.37	−18 2.3	2.217	3.217	3.9	20.1
7 30	20 42.04	−19 0.1	2.206	3.221	0.4	19.8
8 9	20 34.61	−19 56.3	2.223	3.225	3.3	20.1
8 19	20 27.80	−20 47.1	2.268	3.229	6.8	20.3
8 29	20 22.33	−21 29.8	2.339	3.233	9.8	20.5
9 8	20 18.67	−22 3.0	2.433	3.237	12.4	20.7
154465	2003 DB_{13}		7 30.9	40.°91	2.°1/29.9	17
6 30	21 5.10	−20 47.2	1.313	2.227	15.0	19.5
7 10	20 59.51	−21 29.5	1.271	2.240	10.5	19.2
7 20	20 51.53	−22 16.2	1.250	2.253	5.6	19.0
7 30	20 42.24	−23 0.5	1.253	2.267	2.1	18.8
8 9	20 33.00	−23 36.2	1.281	2.281	5.6	19.1
8 19	20 25.12	−23 59.4	1.333	2.296	10.2	19.4
8 29	20 19.66	−24 8.9	1.407	2.311	14.3	19.7
9 8	20 17.17	−24 5.2	1.500	2.327	17.7	19.9
375762	2009 SN_{118}		7 30.9	212.°91	1.°1/31.6	18
6 30	21 5.90	−13 56.2	1.924	2.807	12.4	22.0
7 10	20 59.66	−14 12.9	1.849	2.802	9.0	21.8
7 20	20 51.54	−14 38.3	1.799	2.795	5.1	21.5
7 30	20 42.25	−15 9.5	1.775	2.789	1.3	21.3
8 9	20 32.75	−15 42.5	1.779	2.782	3.8	21.4
8 19	20 24.02	−16 14.0	1.809	2.774	7.8	21.7
8 29	20 16.98	−16 40.9	1.866	2.766	11.6	21.9
9 8	20 12.24	−17 1.4	1.943	2.757	14.7	22.1
144178	2004 BD_{114}		7 30.9	174.°43	1.°1/31.6	17
6 30	21 6.58	−13 40.1	1.899	2.782	12.6	21.0
7 10	21 0.09	−14 2.4	1.833	2.784	9.1	20.7
7 20	20 51.74	−14 33.8	1.790	2.787	5.1	20.5
7 30	20 42.27	−15 10.9	1.774	2.788	1.3	20.3
8 9	20 32.67	−15 49.6	1.786	2.789	3.8	20.4
8 19	20 23.92	−16 26.0	1.825	2.790	7.8	20.7
8 29	20 16.90	−16 57.3	1.890	2.789	11.5	20.9
9 8	20 12.21	−17 21.4	1.976	2.789	14.6	21.1
479209	2013 CV_{127}		7 30.9	156.°09	4.°3/27.0	18
6 30	21 3.18	−28 26.6	2.293	3.192	10.1	20.7
7 10	20 57.67	−29 52.8	2.236	3.193	7.3	20.5
7 20	20 50.45	−31 17.5	2.205	3.195	5.0	20.4
7 30	20 42.17	−32 34.3	2.202	3.196	4.4	20.3
8 9	20 33.71	−33 37.8	2.227	3.197	6.3	20.4
8 19	20 25.95	−34 24.9	2.278	3.198	8.9	20.6
8 29	20 19.70	−34 54.6	2.353	3.200	11.5	20.8
9 8	20 15.56	−35 7.9	2.449	3.200	13.8	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
288729	2004 RA_{45}		7 30.9	2.°01	3.°1/ 2.3	18
	h m	° ′			°	m
6 30	20 59.86	− 7 17.2	1.935	2.808	12.8	20.1
7 10	20 55.34	− 7 43.3	1.866	2.807	9.7	19.9
7 20	20 49.19	− 8 24.2	1.821	2.807	6.2	19.7
7 30	20 42.06	− 9 17.5	1.801	2.807	3.3	19.5
8 9	20 34.79	−10 18.8	1.807	2.808	4.1	19.6
8 19	20 28.21	−11 23.5	1.840	2.809	7.4	19.8
8 29	20 23.12	−12 26.4	1.898	2.810	10.8	20.0
9 8	20 20.06	−13 23.7	1.979	2.812	13.8	20.2
20483	Sinay		7 30.9	327.°95	4.°2/29.6	18
6 30	21 7.78	−26 32.2	1.118	2.040	16.3	17.4
7 10	21 2.19	−26 41.4	1.053	2.023	11.9	17.1
7 20	20 53.36	−26 47.3	1.007	2.008	7.0	16.7
7 30	20 42.45	−26 42.6	0.983	1.993	4.2	16.5
8 9	20 31.21	−26 22.2	0.983	1.980	7.5	16.7
8 19	20 21.44	−25 44.5	1.004	1.967	12.7	16.9
8 29	20 14.68	−24 51.7	1.045	1.955	17.6	17.2
9 8	20 11.76	−23 47.8	1.103	1.945	21.8	17.4
356402	2010 RD_{128}		7 30.9	12.°30	1.°0/30.5	18
6 30	21 4.86	−21 0.6	1.752	2.655	12.5	20.3
7 10	20 58.97	−21 1.3	1.693	2.657	8.8	20.1
7 20	20 51.15	−21 3.9	1.658	2.659	4.7	19.8
7 30	20 42.25	−21 5.1	1.648	2.663	1.1	19.6
8 9	20 33.33	−21 2.1	1.665	2.666	4.3	19.8
8 19	20 25.41	−20 53.1	1.708	2.671	8.4	20.1
8 29	20 19.38	−20 37.5	1.775	2.675	12.0	20.3
9 8	20 15.81	−20 15.6	1.862	2.681	15.1	20.5
50037	2000 AR_{54}		7 30.9	325.°39	1.°3/30.3	18
6 30	21 3.25	−18 42.4	1.242	2.159	15.5	18.4
7 10	20 58.65	−19 22.4	1.176	2.146	11.0	18.1
7 20	20 51.35	−20 11.8	1.130	2.134	5.9	17.8
7 30	20 42.29	−21 4.1	1.108	2.122	1.3	17.4
8 9	20 32.86	−21 52.0	1.109	2.111	5.7	17.7
8 19	20 24.54	−22 29.4	1.133	2.101	11.0	18.0
8 29	20 18.66	−22 53.0	1.178	2.091	15.8	18.2
9 8	20 16.05	−23 1.8	1.241	2.083	19.8	18.5
385221	2000 DT_{88}		7 30.9	139.°53	2.°2/29.7	17
6 30	21 6.63	−23 50.7	2.060	2.956	11.2	21.2
7 10	21 0.02	−24 12.9	2.001	2.961	7.9	21.0
7 20	20 51.66	−24 34.8	1.967	2.966	4.4	20.8
7 30	20 42.30	−24 52.4	1.960	2.971	2.2	20.7
8 9	20 32.92	−25 2.4	1.981	2.976	4.6	20.9
8 19	20 24.45	−25 3.1	2.029	2.980	8.1	21.1
8 29	20 17.72	−24 54.0	2.102	2.985	11.2	21.3
9 8	20 13.26	−24 36.1	2.196	2.989	13.9	21.5
60008	Jarda		7 30.9	314.°37	0.°7/31.5	18
6 30	21 1.52	−14 46.8	1.984	2.876	11.8	18.7
7 10	20 56.57	−15 5.0	1.908	2.864	8.4	18.5
7 20	20 49.90	−15 31.3	1.855	2.853	4.7	18.2
7 30	20 42.15	−16 2.8	1.828	2.843	1.0	17.9
8 9	20 34.20	−16 35.9	1.829	2.832	3.6	18.1
8 19	20 26.93	−17 7.0	1.855	2.822	7.5	18.3
8 29	20 21.17	−17 33.3	1.907	2.812	11.1	18.5
9 8	20 17.54	−17 53.0	1.980	2.803	14.2	18.7
342793	2008 WR_{129}		7 30.9	298.°70	3.°7/28.6	18
6 30	21 4.83	−25 15.1	1.727	2.634	12.4	20.7
7 10	20 59.19	−26 14.4	1.665	2.630	8.8	20.5
7 20	20 51.40	−27 14.5	1.627	2.625	5.3	20.3
7 30	20 42.29	−28 8.6	1.615	2.621	3.7	20.2
8 9	20 32.98	−28 50.8	1.629	2.617	6.3	20.3
8 19	20 24.62	−29 17.4	1.668	2.613	9.9	20.5
8 29	20 18.24	−29 27.6	1.730	2.609	13.4	20.8
9 8	20 14.50	−29 22.6	1.811	2.605	16.4	21.0
48185	2001 HK_{44}		7 30.9	18.°67	3.°0/ 1.9	18
6 30	21 2.28	− 8 36.5	1.753	2.631	13.7	19.1
7 10	20 57.17	− 8 50.1	1.688	2.633	10.2	18.9
7 20	20 50.23	− 9 18.0	1.645	2.634	6.5	18.7
7 30	20 42.19	− 9 57.8	1.627	2.635	3.3	18.5
8 9	20 34.01	−10 45.5	1.636	2.637	4.4	18.6
8 19	20 26.65	−11 36.5	1.670	2.639	8.0	18.8
8 29	20 20.99	−12 26.0	1.729	2.641	11.7	19.0
9 8	20 17.62	−13 10.3	1.809	2.643	14.9	19.2
323622	2004 VG_{54}		7 30.9	235.°19	2.°8/28.9	17
6 30	21 5.54	−27 51.4	2.827	3.715	8.8	21.4
7 10	20 59.01	−28 10.0	2.749	3.703	6.3	21.2
7 20	20 51.06	−28 25.9	2.697	3.691	3.9	21.1
7 30	20 42.27	−28 35.8	2.674	3.678	2.8	21.0
8 9	20 33.36	−28 37.2	2.680	3.665	4.4	21.0
8 19	20 25.06	−28 29.1	2.714	3.651	7.0	21.2
8 29	20 18.06	−28 11.4	2.774	3.637	9.5	21.3
9 8	20 12.84	−27 45.2	2.857	3.623	11.7	21.5

493468 2014 WD_{488} 7 30.9 288.°51 0.°7/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.84	−13 59.6	1.292	2.196	15.9	21.4
7 10	20 59.85	−14 38.7	1.212	2.175	11.5	21.1
7 20	20 52.09	−15 33.7	1.153	2.154	6.5	20.8
7 30	20 42.39	−16 39.5	1.118	2.133	1.0	20.3
8 9	20 32.07	−17 48.8	1.107	2.112	5.1	20.6
8 19	20 22.64	−18 53.8	1.120	2.090	10.8	20.8
8 29	20 15.53	−19 48.6	1.155	2.069	15.9	21.1
9 8	20 11.72	−20 29.7	1.207	2.048	20.3	21.3

104303 2000 EA_{179} 7 30.9 95.°86 2.°8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.95	−23 25.5	1.966	2.865	11.4	19.3
7 10	20 58.91	−24 30.1	1.919	2.881	8.0	19.1
7 20	20 51.09	−25 35.7	1.898	2.896	4.6	18.9
7 30	20 42.27	−26 36.3	1.903	2.912	2.8	18.8
8 9	20 33.43	−27 26.9	1.936	2.927	5.2	19.0
8 19	20 25.51	−28 4.1	1.996	2.941	8.6	19.2
8 29	20 19.35	−28 26.9	2.080	2.956	11.6	19.5
9 8	20 15.48	−28 36.1	2.185	2.970	14.2	19.7

286450 2002 AJ_{73} 7 30.9 203.°97 1.°0/30.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.23	−20 17.6	2.757	3.644	9.0	22.2
7 10	20 57.38	−20 46.3	2.683	3.639	6.3	22.0
7 20	20 50.19	−21 17.5	2.634	3.634	3.4	21.8
7 30	20 42.20	−21 48.1	2.614	3.628	1.0	21.6
8 9	20 34.09	−22 15.3	2.623	3.621	3.3	21.8
8 19	20 26.52	−22 36.8	2.661	3.615	6.3	22.0
8 29	20 20.14	−22 51.2	2.725	3.607	9.0	22.2
9 8	20 15.42	−22 58.2	2.813	3.599	11.4	22.3

102786 1999 VV_{153} 7 30.9 27.°03 2.°3/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.32	−20 5.0	1.019	1.946	17.1	19.0
7 10	20 58.72	−20 56.5	0.982	1.957	12.0	18.7
7 20	20 51.29	−21 54.9	0.964	1.969	6.4	18.5
7 30	20 42.30	−22 51.5	0.969	1.982	2.3	18.3
8 9	20 33.38	−23 37.9	0.995	1.997	6.4	18.6
8 19	20 26.07	−24 9.0	1.044	2.012	11.6	18.9
8 29	20 21.58	−24 22.8	1.113	2.029	16.2	19.2
9 8	20 20.47	−24 20.3	1.198	2.046	20.0	19.5

228580 2001 YP_{96} 7 30.9 241.°37 2.°6/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.81	−23 27.5	1.936	2.834	11.7	20.6
7 10	21 0.48	−24 9.6	1.860	2.821	8.3	20.4
7 20	20 52.08	−24 53.6	1.809	2.808	4.7	20.1
7 30	20 42.39	−25 34.0	1.785	2.795	2.6	20.0
8 9	20 32.41	−26 5.9	1.788	2.781	5.2	20.1
8 19	20 23.23	−26 26.2	1.818	2.767	9.0	20.3
8 29	20 15.84	−26 33.5	1.872	2.752	12.5	20.5
9 8	20 10.93	−26 28.7	1.946	2.737	15.5	20.7

513681 2011 YY_{32} 7 30.9 83.°52 3.°3/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.54	− 7 58.6	2.281	3.144	11.5	20.4
7 10	20 56.97	− 7 44.5	2.215	3.149	8.7	20.2
7 20	20 49.99	− 7 40.8	2.173	3.155	5.7	20.0
7 30	20 42.19	− 7 46.7	2.157	3.160	3.4	19.9
8 9	20 34.33	− 8 0.1	2.170	3.166	4.1	20.0
8 19	20 27.15	− 8 18.7	2.209	3.171	6.8	20.1
8 29	20 21.31	− 8 39.8	2.274	3.177	9.7	20.3
9 8	20 17.29	− 9 0.7	2.362	3.182	12.3	20.5

220800 2004 TU_{222} 7 30.9 218.°54 1.°7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.00	−10 56.8	2.569	3.440	10.1	21.0
7 10	20 55.85	−11 12.0	2.492	3.436	7.4	20.8
7 20	20 49.39	−11 35.7	2.440	3.431	4.5	20.6
7 30	20 42.15	−12 5.9	2.416	3.427	1.9	20.4
8 9	20 34.76	−12 40.1	2.420	3.422	3.1	20.5
8 19	20 27.92	−13 15.5	2.452	3.417	6.1	20.7
8 29	20 22.23	−13 49.3	2.511	3.412	8.9	20.9
9 8	20 18.18	−14 19.3	2.593	3.406	11.5	21.0

311283 2005 EF_{324} 7 30.9 63.°56 4.°9/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 10.27	−27 19.7	1.262	2.175	15.5	20.2
7 10	21 3.24	−28 9.3	1.229	2.195	11.1	20.0
7 20	20 53.56	−28 54.7	1.217	2.214	6.8	19.9
7 30	20 42.50	−29 27.7	1.229	2.234	5.0	19.8
8 9	20 31.70	−29 42.7	1.266	2.254	7.6	20.0
8 19	20 22.61	−29 38.4	1.325	2.274	11.7	20.3
8 29	20 16.33	−29 16.7	1.407	2.294	15.4	20.6
9 8	20 13.37	−28 41.2	1.506	2.314	18.5	20.9

128682 2004 RT_{75} 7 30.9 315.°07 0.°9/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.68	−18 57.3	1.937	2.837	11.6	19.9
7 10	20 56.80	−19 28.3	1.858	2.821	8.2	19.7
7 20	20 50.10	−20 4.8	1.803	2.804	4.4	19.4
7 30	20 42.22	−20 42.9	1.774	2.789	0.9	19.1
8 9	20 34.08	−21 18.2	1.772	2.773	4.1	19.3
8 19	20 26.63	−21 47.1	1.796	2.758	8.1	19.5
8 29	20 20.76	−22 7.1	1.844	2.743	11.8	19.7
9 8	20 17.13	−22 17.4	1.914	2.729	14.9	19.9

291686 2006 HM_{99} 7 30.9 33.°92 0.°9/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.69	−14 26.3	1.750	2.642	13.0	21.2
7 10	20 58.20	−14 47.6	1.687	2.644	9.3	21.0
7 20	20 50.80	−15 18.0	1.647	2.645	5.2	20.7
7 30	20 42.28	−15 54.1	1.632	2.647	1.1	20.4
8 9	20 33.62	−16 31.5	1.644	2.648	3.9	20.7
8 19	20 25.85	−17 6.2	1.683	2.650	8.1	20.9
8 29	20 19.86	−17 35.1	1.745	2.652	11.9	21.1
9 8	20 16.25	−17 56.4	1.829	2.653	15.1	21.4

384516 2010 CP_{182} 7 30.9 162.°06 1.°6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.79	−21 26.2	2.375	3.265	10.2	22.6
7 10	20 59.30	−22 9.7	2.314	3.272	7.1	22.4
7 20	20 51.26	−22 55.3	2.278	3.278	3.9	22.2
7 30	20 42.32	−23 38.8	2.271	3.283	1.6	22.1
8 9	20 33.30	−24 16.4	2.293	3.288	4.0	22.3
8 19	20 25.00	−24 45.3	2.343	3.293	7.2	22.5
8 29	20 18.17	−25 4.3	2.419	3.296	10.2	22.7
9 8	20 13.31	−25 13.3	2.517	3.299	12.6	22.8

202272 2005 BA_3 7 30.9 326.°66 1.°4/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.53	−17 3.9	1.386	2.299	14.4	18.8
7 10	20 56.59	−18 20.3	1.314	2.282	10.2	18.5
7 20	20 50.24	−19 50.3	1.263	2.267	5.5	18.2
7 30	20 42.26	−21 26.4	1.237	2.251	1.4	17.9
8 9	20 33.84	−22 59.5	1.236	2.237	5.5	18.2
8 19	20 26.30	−24 21.1	1.259	2.223	10.5	18.4
8 29	20 20.86	−25 25.5	1.304	2.210	15.1	18.6
9 8	20 18.38	−26 10.6	1.367	2.198	18.9	18.9

187222 2005 SZ_{135} 7 30.9 237.°15 0.°3/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.26	−15 48.4	2.309	3.195	10.5	21.7
7 10	20 56.90	−16 14.6	2.234	3.189	7.5	21.5
7 20	20 50.03	−16 47.2	2.185	3.183	4.1	21.3
7 30	20 42.23	−17 23.2	2.162	3.177	0.5	21.0
8 9	20 34.27	−17 59.2	2.168	3.170	3.3	21.2
8 19	20 26.92	−18 32.0	2.201	3.164	6.8	21.4
8 29	20 20.92	−18 59.4	2.260	3.157	10.0	21.6
9 8	20 16.79	−19 19.7	2.342	3.150	12.7	21.8

470786 2008 UN_{301} 7 30.9 323.°74 0.°2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.57	−17 36.6	1.323	2.234	15.1	20.5
7 10	20 58.85	−17 35.5	1.243	2.210	10.9	20.2
7 20	20 51.51	−17 41.6	1.185	2.187	6.0	19.8
7 30	20 42.38	−17 51.4	1.150	2.165	0.6	19.4
8 9	20 32.78	−18 0.8	1.139	2.144	5.0	19.7
8 19	20 24.13	−18 6.2	1.152	2.123	10.4	19.9
8 29	20 17.77	−18 5.0	1.185	2.104	15.3	20.1
9 8	20 14.57	−17 56.2	1.238	2.085	19.5	20.3

243835 2000 UH_{68} 7 30.9 285.°35 6.°6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.14	− 2 34.3	1.773	2.623	14.9	20.1
7 10	20 59.46	− 1 52.1	1.679	2.598	12.0	19.8
7 20	20 51.65	− 1 25.6	1.607	2.572	9.0	19.6
7 30	20 42.39	− 1 16.5	1.559	2.546	6.8	19.4
8 9	20 32.64	− 1 24.5	1.536	2.520	7.1	19.4
8 19	20 23.47	− 1 47.6	1.539	2.494	9.8	19.5
8 29	20 15.95	− 2 21.5	1.565	2.467	13.3	19.6
9 8	20 10.87	− 3 1.1	1.612	2.440	16.6	19.8

27666 1978 VU_6 7 30.9 287.°47 0.°7/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.29	−15 18.2	1.580	2.477	13.9	18.8
7 10	20 59.75	−15 31.8	1.497	2.456	10.1	18.5
7 20	20 51.87	−15 55.0	1.436	2.436	5.6	18.2
7 30	20 42.41	−16 24.3	1.400	2.415	1.0	17.8
8 9	20 32.52	−16 55.3	1.390	2.394	4.4	18.0
8 19	20 23.43	−17 23.6	1.405	2.373	9.3	18.2
8 29	20 16.30	−17 46.0	1.444	2.352	13.8	18.4
9 8	20 11.95	−18 0.5	1.502	2.332	17.6	18.6

328995 2010 XL_8 7 30.9 301.°63 4.°3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 0.79	− 4 26.1	2.228	3.081	12.1	20.4
7 10	20 55.89	− 4 16.4	2.148	3.073	9.5	20.2
7 20	20 49.51	− 4 20.2	2.092	3.064	6.7	20.0
7 30	20 42.20	− 4 37.0	2.060	3.056	4.6	19.9
8 9	20 34.71	− 5 4.9	2.056	3.047	4.9	19.9
8 19	20 27.79	− 5 40.8	2.078	3.039	7.3	20.0
8 29	20 22.17	− 6 21.2	2.126	3.031	10.1	20.2
9 8	20 18.38	− 7 2.2	2.197	3.023	12.8	20.4

66864 1999 VD_{44} 7 30.9 59.°27 8.°3/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.56	+ 4 24.1	1.826	2.644	15.8	18.5
7 10	20 57.34	+ 4 54.3	1.758	2.645	13.2	18.3
7 20	20 50.35	+ 5 2.0	1.710	2.646	10.6	18.1
7 30	20 42.28	+ 4 45.9	1.684	2.647	8.7	18.0
8 9	20 34.03	+ 4 7.4	1.683	2.648	8.4	18.0
8 19	20 26.53	+ 3 10.6	1.707	2.650	10.0	18.1
8 29	20 20.65	+ 2 1.4	1.755	2.651	12.4	18.3
9 8	20 16.98	+ 0 46.7	1.824	2.652	15.0	18.5

137529 1999 VR_{54} 7 30.9 233.°48 1.°9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.81	−21 5.0	1.783	2.680	12.6	20.9
7 10	21 1.32	−21 45.4	1.708	2.669	8.9	20.7
7 20	20 52.61	−22 29.9	1.656	2.657	4.9	20.4
7 30	20 42.49	−23 13.2	1.631	2.644	1.9	20.2
8 9	20 32.06	−23 49.8	1.634	2.631	5.0	20.4
8 19	20 22.47	−24 16.1	1.663	2.618	9.2	20.6
8 29	20 14.82	−24 30.1	1.716	2.603	13.1	20.8
9 8	20 9.80	−24 32.1	1.789	2.589	16.4	21.0

340336 2006 DO_{46} 7 30.9 41.°75 9.°3/28.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 16.90	−40 20.4	1.369	2.260	16.0	19.3
7 10	21 7.80	−40 39.2	1.341	2.281	12.7	19.2
7 20	20 55.87	−40 38.4	1.333	2.301	10.1	19.1
7 30	20 42.74	−40 10.8	1.349	2.323	9.3	19.1
8 9	20 30.29	−39 15.3	1.389	2.345	10.7	19.2
8 19	20 20.08	−37 55.6	1.452	2.368	13.3	19.5
8 29	20 13.13	−36 19.0	1.536	2.391	16.1	19.7
9 8	20 9.77	−34 32.8	1.639	2.414	18.6	19.9

92963 2000 RN_{48} 7 30.9 254.°47 0.°1/30.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 7.71	−18 38.3	1.835	2.727	12.5	18.6
7 10	21 1.09	−18 36.1	1.759	2.717	8.9	18.4
7 20	20 52.42	−18 37.7	1.707	2.707	4.8	18.1
7 30	20 42.48	−18 40.0	1.681	2.696	0.4	17.8
8 9	20 32.33	−18 40.1	1.683	2.685	4.1	18.0
8 19	20 23.05	−18 36.1	1.711	2.674	8.4	18.3
8 29	20 15.62	−18 26.7	1.764	2.663	12.2	18.5
9 8	20 10.70	−18 11.9	1.839	2.651	15.5	18.7

471086 2009 YT_5 7 30.9 25.°29 3.°7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 3.13	−21 59.9	1.480	2.393	13.7	19.8
7 10	20 58.24	−23 49.9	1.428	2.396	9.6	19.6
7 20	20 51.02	−25 45.8	1.400	2.401	5.5	19.4
7 30	20 42.35	−27 37.5	1.397	2.405	3.9	19.3
8 9	20 33.45	−29 15.4	1.421	2.410	6.9	19.5
8 19	20 25.59	−30 32.6	1.469	2.415	11.0	19.7
8 29	20 19.89	−31 26.5	1.540	2.421	14.7	20.0
9 8	20 17.04	−31 57.9	1.629	2.427	17.8	20.2

330684 2008 HJ_{46} 7 30.9 91.°47 0.°0/30.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.37	−15 59.4	1.563	2.459	14.0	21.1
7 10	21 0.16	−16 39.1	1.514	2.475	9.9	20.9
7 20	20 51.87	−17 27.3	1.489	2.490	5.3	20.7
7 30	20 42.42	−18 18.8	1.489	2.504	0.5	20.4
8 9	20 32.97	−19 7.8	1.516	2.519	4.3	20.7
8 19	20 24.66	−19 49.8	1.569	2.533	8.8	21.0
8 29	20 18.43	−20 21.9	1.645	2.548	12.7	21.3
9 8	20 14.85	−20 43.0	1.742	2.562	15.9	21.5

127998 2003 HA_{51} 7 30.9 105.°11 0.°4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.47	−16 25.4	1.813	2.705	12.6	19.4
7 10	20 59.34	−17 19.8	1.763	2.722	8.9	19.2
7 20	20 51.38	−18 21.6	1.738	2.738	4.7	19.0
7 30	20 42.38	−19 25.4	1.739	2.754	0.5	18.7
8 9	20 33.36	−20 25.6	1.768	2.769	4.1	19.0
8 19	20 25.30	−21 17.8	1.823	2.784	8.1	19.3
8 29	20 19.05	−21 59.0	1.904	2.799	11.6	19.5
9 8	20 15.16	−22 28.4	2.006	2.813	14.6	19.8

479725 2014 DE_{134} 7 30.9 11.°93 1.°5/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 2.11	−11 49.6	1.802	2.689	13.0	21.3
7 10	20 57.07	−12 20.7	1.736	2.689	9.4	21.1
7 20	20 50.23	−13 3.7	1.694	2.690	5.5	20.8
7 30	20 42.29	−13 55.1	1.678	2.691	1.8	20.6
8 9	20 34.20	−14 50.1	1.688	2.692	3.8	20.7
8 19	20 26.91	−15 43.9	1.724	2.693	7.8	21.0
8 29	20 21.28	−16 32.3	1.786	2.694	11.5	21.2
9 8	20 17.91	−17 12.5	1.868	2.696	14.7	21.4

257574 1999 CP_{10} 7 30.9 97.°26 6.°0/ 5.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.83	+ 2 48.0	1.520	2.353	17.8	20.1
7 10	21 0.44	+ 1 36.5	1.469	2.377	14.1	19.9
7 20	20 52.02	− 0 4.5	1.439	2.401	10.1	19.7
7 30	20 42.45	− 2 10.3	1.434	2.425	6.8	19.6
8 9	20 32.90	− 4 32.0	1.456	2.447	6.4	19.6
8 19	20 24.46	− 6 58.7	1.505	2.470	9.1	19.9
8 29	20 18.08	− 9 19.9	1.580	2.491	12.6	20.1
9 8	20 14.32	−11 27.5	1.679	2.512	15.9	20.4

102941 1999 XF_{50} 7 30.9 40.°65 5.°7/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.54	−27 23.4	1.227	2.146	15.4	18.4
7 10	21 0.91	−28 42.5	1.187	2.155	11.1	18.2
7 20	20 52.50	−29 59.0	1.168	2.165	7.2	18.0
7 30	20 42.50	−31 2.8	1.173	2.175	5.8	18.0
8 9	20 32.49	−31 46.0	1.201	2.186	8.6	18.2
8 19	20 24.02	−32 5.2	1.252	2.197	12.6	18.4
8 29	20 18.29	−32 1.5	1.323	2.208	16.4	18.7
9 8	20 15.92	−31 38.6	1.412	2.220	19.6	19.0

17600 Dobřichovice 7 30.9 196.°28 3.°9/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 1.20	− 4 2.6	2.406	3.253	11.5	19.9
7 10	20 56.07	− 4 11.4	2.330	3.251	9.0	19.7
7 20	20 49.57	− 4 33.7	2.277	3.249	6.3	19.5
7 30	20 42.24	− 5 8.4	2.251	3.247	4.2	19.4
8 9	20 34.77	− 5 52.9	2.253	3.245	4.4	19.4
8 19	20 27.86	− 6 43.8	2.282	3.243	6.7	19.6
8 29	20 22.16	− 7 37.3	2.338	3.240	9.4	19.7
9 8	20 18.18	− 8 29.6	2.417	3.238	12.0	19.9

280059 2002 CG_{77} 7 30.9 133.°03 0.°4/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.48	−17 18.2	1.922	2.814	12.1	21.0
7 10	20 59.33	−17 56.2	1.865	2.823	8.5	20.8
7 20	20 51.38	−18 40.4	1.831	2.832	4.5	20.6
7 30	20 42.40	−19 26.3	1.825	2.840	0.5	20.3
8 9	20 33.36	−20 9.3	1.846	2.848	3.9	20.6
8 19	20 25.20	−20 45.8	1.895	2.856	7.8	20.8
8 29	20 18.76	−21 13.5	1.968	2.863	11.3	21.1
9 8	20 14.59	−21 31.4	2.063	2.870	14.2	21.3

323563 2004 TC_{85} 7 30.9 246.°77 5.°1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 6.15	−34 20.7	2.503	3.391	9.8	21.2
7 10	20 59.72	−35 3.0	2.436	3.381	7.5	21.0
7 20	20 51.59	−35 38.8	2.395	3.372	5.6	20.9
7 30	20 42.43	−36 3.2	2.381	3.362	5.2	20.8
8 9	20 33.15	−36 12.9	2.393	3.353	6.6	20.9
8 19	20 24.64	−36 6.7	2.433	3.343	8.9	21.1
8 29	20 17.70	−35 45.2	2.496	3.333	11.3	21.2
9 8	20 12.89	−35 10.8	2.580	3.322	13.4	21.3

509903 2009 DK_{19} 7 30.9 208.°27 1.°6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.19	−21 48.2	2.323	3.215	10.3	22.3
7 10	20 59.00	−22 18.7	2.252	3.210	7.2	22.1
7 20	20 51.19	−22 51.1	2.205	3.205	3.9	21.9
7 30	20 42.40	−23 21.6	2.186	3.199	1.6	21.7
8 9	20 33.46	−23 46.6	2.196	3.193	4.0	21.9
8 19	20 25.21	−24 3.8	2.234	3.186	7.4	22.1
8 29	20 18.43	−24 11.9	2.297	3.179	10.4	22.3
9 8	20 13.65	−24 11.0	2.382	3.171	13.1	22.5

226344 2003 FX_{121} 7 30.9 84.°30 4.°7/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 9.76	−28 49.9	1.631	2.534	13.2	20.0
7 10	21 2.56	−29 35.1	1.592	2.551	9.6	19.8
7 20	20 53.14	−30 15.3	1.576	2.569	6.1	19.6
7 30	20 42.57	−30 43.9	1.585	2.586	4.8	19.6
8 9	20 32.13	−30 56.5	1.620	2.603	7.0	19.7
8 19	20 23.06	−30 51.9	1.681	2.620	10.3	20.0
8 29	20 16.30	−30 31.4	1.764	2.636	13.6	20.2
9 8	20 12.40	−29 58.3	1.867	2.653	16.3	20.5

198389 2004 VH_{34} 7 30.9 246.°91 1.°7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.21	−20 33.6	1.951	2.847	11.7	21.3
7 10	20 59.35	−21 18.8	1.874	2.835	8.3	21.1
7 20	20 51.52	−22 8.8	1.822	2.823	4.5	20.8
7 30	20 42.45	−22 58.3	1.797	2.810	1.7	20.6
8 9	20 33.09	−23 42.4	1.799	2.797	4.6	20.8
8 19	20 24.46	−24 17.2	1.828	2.783	8.5	21.0
8 29	20 17.51	−24 40.5	1.882	2.769	12.1	21.2
9 8	20 12.92	−24 51.9	1.956	2.755	15.2	21.4

256842 2008 CU_{160} 7 30.9 103.°19 1.°4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 5.41	−21 59.3	2.176	3.070	10.8	20.4
7 10	20 59.12	−22 11.6	2.117	3.077	7.6	20.2
7 20	20 51.21	−22 24.9	2.083	3.083	4.1	20.0
7 30	20 42.41	−22 35.8	2.076	3.089	1.4	19.8
8 9	20 33.59	−22 41.7	2.097	3.095	4.0	20.0
8 19	20 25.62	−22 40.7	2.145	3.101	7.4	20.3
8 29	20 19.23	−22 32.5	2.219	3.107	10.5	20.5
9 8	20 14.94	−22 17.2	2.315	3.113	13.1	20.7

371397 2006 RA_{60} 7 30.9 324.°01 20.°5/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	20 58.70	+24 37.8	1.343	2.060	25.0	20.0
7 10	20 55.49	+26 15.6	1.269	2.040	23.8	19.8
7 20	20 49.79	+27 13.1	1.207	2.021	22.5	19.6
7 30	20 42.30	+27 20.6	1.158	2.002	21.3	19.5
8 9	20 34.22	+26 32.4	1.123	1.985	20.6	19.4
8 19	20 26.90	+24 48.5	1.104	1.968	20.6	19.3
8 29	20 21.71	+22 16.1	1.101	1.952	21.3	19.3
9 8	20 19.63	+19 8.9	1.114	1.938	22.7	19.4

253872 2004 BO_6 7 30.9 298.°45 3.°2/29.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
6 30	21 4.67	−21 3.4	1.356	2.269	14.6	19.9
7 10	20 59.89	−22 22.8	1.271	2.240	10.5	19.5
7 20	20 52.26	−23 53.2	1.209	2.211	5.9	19.2
7 30	20 42.54	−25 26.0	1.171	2.182	3.3	19.0
8 9	20 32.05	−26 51.1	1.158	2.153	7.0	19.1
8 19	20 22.32	−27 59.8	1.168	2.124	12.1	19.3
8 29	20 14.90	−28 47.4	1.200	2.095	17.0	19.5
9 8	20 10.86	−29 13.2	1.249	2.067	21.1	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
271865	2004 TM_{305}		7 30.9	42.°16	3.°0/29.4	17
	h m	° ′			°	m
6 30	21 6.62	−24 3.4	1.583	2.490	13.3	20.1
7 10	21 0.51	−24 40.1	1.528	2.492	9.4	19.8
7 20	20 52.16	−25 17.5	1.495	2.495	5.4	19.6
7 30	20 42.50	−25 49.4	1.488	2.499	3.0	19.5
8 9	20 32.78	−26 10.9	1.507	2.502	5.8	19.6
8 19	20 24.19	−26 19.3	1.551	2.505	9.8	19.9
8 29	20 17.77	−26 14.1	1.618	2.509	13.6	20.1
9 8	20 14.14	−25 56.8	1.704	2.512	16.7	20.4
377637	2005 TV_{75}		7 30.9	257.°68	6.°0/ 3.1	18
6 30	21 5.88	− 2 26.7	1.922	2.766	14.1	21.3
7 10	20 59.84	− 1 56.3	1.831	2.746	11.3	21.1
7 20	20 51.83	− 1 41.4	1.761	2.726	8.4	20.9
7 30	20 42.49	− 1 43.1	1.717	2.705	6.2	20.7
8 9	20 32.76	− 2 0.6	1.699	2.683	6.5	20.7
8 19	20 23.61	− 2 31.0	1.707	2.661	9.1	20.8
8 29	20 16.02	− 3 10.4	1.740	2.639	12.3	20.9
9 8	20 10.70	− 3 53.8	1.794	2.616	15.5	21.1
147351	2003 BB_{81}		7 30.9	204.°23	2.°0/31.9	18
6 30	21 8.51	−13 25.5	1.820	2.700	13.2	19.9
7 10	21 1.60	−13 8.9	1.748	2.697	9.6	19.7
7 20	20 52.68	−13 0.0	1.700	2.694	5.6	19.5
7 30	20 42.56	−12 57.2	1.678	2.690	2.1	19.2
8 9	20 32.28	−12 58.2	1.684	2.686	4.1	19.4
8 19	20 22.90	−13 0.8	1.717	2.682	8.2	19.6
8 29	20 15.37	−13 2.9	1.775	2.677	12.0	19.8
9 8	20 10.30	−13 2.9	1.854	2.672	15.2	20.0
119780	2002 AA_{46}		7 30.9	5.°78	0.°5/30.7	18
6 30	21 2.14	−17 48.1	1.846	2.746	12.1	19.5
7 10	20 57.10	−18 20.5	1.784	2.746	8.5	19.2
7 20	20 50.26	−18 59.2	1.745	2.746	4.5	19.0
7 30	20 42.34	−19 39.8	1.732	2.747	0.6	18.7
8 9	20 34.31	−20 18.1	1.746	2.749	4.0	19.0
8 19	20 27.10	−20 50.2	1.787	2.750	8.0	19.2
8 29	20 21.57	−21 13.7	1.851	2.752	11.6	19.4
9 8	20 18.30	−21 27.6	1.936	2.754	14.6	19.7
74701	1999 RT_{145}		7 30.9	300.°02	1.°3/31.5	18
6 30	21 6.03	−14 55.1	1.335	2.237	15.6	19.2
7 10	21 0.72	−14 54.6	1.249	2.211	11.4	18.9
7 20	20 52.64	−15 4.6	1.184	2.184	6.5	18.6
7 30	20 42.60	−15 22.2	1.143	2.157	1.6	18.2
8 9	20 31.91	−15 43.2	1.126	2.130	5.0	18.3
8 19	20 22.07	−16 3.1	1.132	2.104	10.6	18.6
8 29	20 14.51	−16 18.4	1.161	2.077	15.7	18.8
9 8	20 10.21	−16 26.7	1.208	2.052	20.1	19.0
88232	2001 BN_{72}		7 30.9	181.°14	2.°0/ 1.9	18
6 30	21 0.55	− 8 42.4	2.569	3.433	10.4	19.8
7 10	20 55.58	− 9 16.7	2.496	3.434	7.7	19.6
7 20	20 49.31	−10 1.7	2.447	3.434	4.8	19.4
7 30	20 42.27	−10 55.0	2.425	3.434	2.3	19.3
8 9	20 35.11	−11 53.1	2.432	3.434	3.2	19.3
8 19	20 28.47	−12 52.5	2.468	3.433	6.0	19.5
8 29	20 22.97	−13 49.6	2.531	3.433	8.8	19.7
9 8	20 19.07	−14 41.4	2.617	3.432	11.4	19.9
405745	2005 YW_{77}		7 30.9	208.°47	0.°6/31.3	17
6 30	21 9.43	−16 14.6	1.378	2.277	15.4	21.4
7 10	21 2.76	−16 19.6	1.315	2.275	11.1	21.2
7 20	20 53.51	−16 33.0	1.273	2.273	6.1	20.9
7 30	20 42.67	−16 50.8	1.255	2.270	0.9	20.5
8 9	20 31.64	−17 8.6	1.263	2.267	4.8	20.8
8 19	20 21.81	−17 22.7	1.296	2.264	9.9	21.1
8 29	20 14.39	−17 30.8	1.352	2.261	14.5	21.3
9 8	20 10.10	−17 31.6	1.427	2.257	18.3	21.6
359806	2011 US_{251}		7 30.9	210.°19	0.°8/31.7	18
6 30	21 2.26	−13 46.3	2.659	3.535	9.7	22.5
7 10	20 56.78	−14 9.2	2.581	3.529	7.0	22.3
7 20	20 49.97	−14 38.9	2.528	3.523	3.9	22.1
7 30	20 42.35	−15 12.9	2.502	3.516	1.0	21.9
8 9	20 34.59	−15 48.4	2.506	3.509	2.9	22.0
8 19	20 27.34	−16 22.6	2.539	3.502	6.0	22.2
8 29	20 21.24	−16 53.2	2.598	3.494	8.9	22.4
9 8	20 16.77	−17 18.6	2.681	3.486	11.4	22.6
478607	2012 TX_{143}		7 30.9	163.°94	2.°6/ 1.7	17
6 30	21 4.09	− 9 48.6	1.941	2.815	12.7	21.8
7 10	20 58.37	− 9 56.9	1.874	2.817	9.4	21.6
7 20	20 50.92	−10 16.8	1.830	2.819	5.8	21.4
7 30	20 42.44	−10 46.3	1.812	2.821	2.8	21.2
8 9	20 33.83	−11 22.0	1.821	2.822	4.0	21.3
8 19	20 26.00	−12 0.1	1.857	2.823	7.5	21.5
8 29	20 19.76	−12 37.0	1.918	2.824	11.0	21.8
9 8	20 15.68	−13 9.8	2.002	2.825	14.0	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
298127	2002 RF_{251}		7 31.0	63.°45	3.°1/ 2.4	16
	h m	° ′			°	m
6 30	21 1.92	− 6 43.0	1.776	2.647	13.9	20.4
7 10	20 56.93	− 7 21.5	1.715	2.655	10.4	20.2
7 20	20 50.18	− 8 16.8	1.676	2.662	6.6	19.9
7 30	20 42.37	− 9 25.6	1.663	2.670	3.5	19.8
8 9	20 34.46	−10 42.4	1.676	2.678	4.3	19.8
8 19	20 27.35	−12 1.2	1.717	2.686	7.8	20.1
8 29	20 21.91	−13 16.2	1.782	2.694	11.4	20.3
9 8	20 18.68	−14 23.2	1.869	2.702	14.5	20.5
514053	2014 OM_{129}		7 31.0	7.°17	3.°3/ 2.5	18
6 30	20 59.96	− 6 37.5	1.880	2.752	13.2	20.7
7 10	20 55.52	− 7 3.4	1.813	2.752	10.0	20.5
7 20	20 49.41	− 7 45.0	1.768	2.753	6.5	20.3
7 30	20 42.31	− 8 39.9	1.749	2.755	3.6	20.2
8 9	20 35.06	− 9 43.8	1.756	2.757	4.3	20.2
8 19	20 28.53	−10 51.4	1.790	2.759	7.5	20.4
8 29	20 23.52	−11 57.7	1.848	2.762	10.9	20.6
9 8	20 20.58	−12 58.1	1.929	2.765	14.0	20.8
328529	2009 QA_{62}		7 31.0	342.°32	4.°2/28.8	17
6 30	20 57.19	−22 14.2	0.943	1.882	16.8	19.2
7 10	20 55.01	−23 25.4	0.882	1.863	12.0	18.9
7 20	20 49.74	−24 46.3	0.840	1.845	6.9	18.6
7 30	20 42.38	−26 6.4	0.817	1.829	4.2	18.4
8 9	20 34.52	−27 14.0	0.816	1.814	8.3	18.5
8 19	20 27.94	−28 0.4	0.834	1.802	13.8	18.8
8 29	20 24.25	−28 21.4	0.870	1.793	19.0	19.0
9 8	20 24.38	−28 17.6	0.921	1.785	23.3	19.3
89162	2001 UA_{49}		7 31.0	287.°64	1.°1/30.3	18
6 30	21 3.17	−19 34.2	1.993	2.891	11.4	19.6
7 10	20 57.87	−20 8.9	1.918	2.879	8.1	19.4
7 20	20 50.73	−20 48.6	1.866	2.867	4.3	19.1
7 30	20 42.46	−21 28.9	1.840	2.855	1.1	18.9
8 9	20 33.94	−22 5.4	1.842	2.842	4.2	19.1
8 19	20 26.12	−22 34.8	1.871	2.830	8.0	19.3
8 29	20 19.90	−22 54.7	1.924	2.818	11.6	19.5
9 8	20 15.89	−23 4.4	1.999	2.807	14.6	19.7
128136	2003 QR_{50}		7 31.0	65.°03	1.°0/30.2	18
6 30	21 1.67	−19 22.3	2.303	3.197	10.2	19.7
7 10	20 56.51	−20 1.8	2.241	3.201	7.2	19.5
7 20	20 49.87	−20 45.4	2.204	3.204	3.8	19.3
7 30	20 42.37	−21 29.0	2.194	3.208	1.0	19.1
8 9	20 34.78	−22 9.0	2.212	3.212	3.6	19.3
8 19	20 27.86	−22 42.3	2.258	3.216	7.0	19.5
8 29	20 22.32	−23 7.0	2.329	3.219	10.0	19.7
9 8	20 18.64	−23 22.3	2.423	3.223	12.6	19.9
291547	2006 EP_{54}		7 31.0	98.°12	1.°1/31.8	17
6 30	21 4.85	−13 5.5	1.826	2.712	12.9	20.9
7 10	20 58.92	−13 35.7	1.773	2.726	9.3	20.7
7 20	20 51.20	−14 15.6	1.744	2.741	5.2	20.5
7 30	20 42.50	−15 1.7	1.741	2.755	1.4	20.3
8 9	20 33.78	−15 49.1	1.765	2.769	3.7	20.5
8 19	20 25.98	−16 33.7	1.816	2.782	7.7	20.8
8 29	20 19.92	−17 12.2	1.892	2.796	11.2	21.0
9 8	20 16.14	−17 42.5	1.990	2.809	14.2	21.2
446438	2014 JJ_{43}		7 31.0	352.°65	3.°8/28.2	18
6 30	21 1.00	−24 22.9	1.706	2.618	12.2	20.0
7 10	20 56.59	−25 44.2	1.647	2.614	8.7	19.8
7 20	20 50.14	−27 8.1	1.611	2.610	5.2	19.6
7 30	20 42.42	−28 27.3	1.601	2.607	3.9	19.5
8 9	20 34.47	−29 34.5	1.617	2.604	6.4	19.6
8 19	20 27.39	−30 25.1	1.658	2.602	10.0	19.8
8 29	20 22.16	−30 56.9	1.721	2.601	13.5	20.0
9 8	20 19.44	−31 10.6	1.804	2.601	16.4	20.2
131536	2001 UW_{112}		7 31.0	214.°40	1.°6/31.8	18
6 30	21 8.24	−13 34.5	1.454	2.346	15.2	19.8
7 10	21 1.85	−13 39.4	1.387	2.343	11.0	19.5
7 20	20 53.03	−13 55.2	1.343	2.340	6.3	19.3
7 30	20 42.70	−14 18.9	1.322	2.336	1.9	19.0
8 9	20 32.13	−14 46.1	1.328	2.332	4.6	19.2
8 19	20 22.64	−15 12.5	1.359	2.327	9.5	19.4
8 29	20 15.37	−15 34.8	1.413	2.322	13.9	19.7
9 8	20 11.05	−15 50.7	1.486	2.317	17.6	19.9
33114	1998 BH_5		7 31.0	321.°88	0.°2/30.9	18
6 30	21 3.37	−16 6.1	1.528	2.431	13.9	18.9
7 10	20 58.36	−16 49.7	1.462	2.425	9.9	18.7
7 20	20 51.14	−17 43.6	1.418	2.419	5.4	18.4
7 30	20 42.52	−18 42.7	1.399	2.414	0.5	18.0
8 9	20 33.65	−19 40.5	1.405	2.408	4.5	18.3
8 19	20 25.70	−20 31.4	1.437	2.403	9.2	18.6
8 29	20 19.76	−21 11.6	1.491	2.399	13.5	18.8
9 8	20 16.51	−21 39.3	1.566	2.394	17.0	19.1