213083 1999 TV_{159} 6 29.9 319°.30 3°.8/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 21	18 59.97	−17 49.2	1.238	2.085	19.8	20.3
5 31	18 58.47	−17 7.9	1.148	2.064	16.2	19.9
6 10	18 53.67	−16 31.3	1.075	2.043	11.9	19.6
6 20	18 46.01	−16 0.9	1.022	2.023	7.0	19.3
6 30	18 36.52	−15 38.4	0.991	2.003	3.8	19.0
7 10	18 26.70	−15 24.8	0.983	1.985	7.0	19.2
7 20	18 18.12	−15 20.4	0.996	1.967	12.3	19.4
7 30	18 12.19	−15 24.9	1.029	1.951	17.3	19.6

440649 2005 WO_{164} 6 29.9 320°.13 0°.3/29.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 21	19 0.02	−22 49.2	1.812	2.638	15.4	21.6
5 31	18 57.50	−23 3.1	1.708	2.614	12.4	21.4
6 10	18 52.41	−23 21.1	1.625	2.591	8.7	21.1
6 20	18 45.15	−23 41.4	1.564	2.568	4.5	20.8
6 30	18 36.52	−24 1.7	1.529	2.546	0.3	20.4
7 10	18 27.61	−24 19.8	1.520	2.524	4.7	20.7
7 20	18 19.57	−24 34.3	1.536	2.503	9.1	20.9
7 30	18 13.45	−24 45.2	1.575	2.482	13.2	21.1

392714 2012 DE_{79} 6 29.9 88°.22 0°.4/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 21	19 8.39	−22 46.8	1.553	2.374	17.7	21.0
5 31	19 4.02	−22 37.4	1.486	2.388	14.1	20.8
6 10	18 56.71	−22 30.3	1.439	2.403	9.8	20.5
6 20	18 47.18	−22 24.1	1.414	2.418	5.0	20.3
6 30	18 36.53	−22 17.0	1.415	2.432	0.4	20.0
7 10	18 26.13	−22 8.6	1.442	2.446	4.9	20.4
7 20	18 17.19	−21 59.2	1.494	2.460	9.5	20.7
7 30	18 10.67	−21 49.8	1.570	2.474	13.5	20.9

406807 2008 UM_{133} 6 29.9 184°.24 0°.2/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 21	19 9.05	−22 18.5	1.554	2.373	17.8	22.1
5 31	19 4.85	−22 21.5	1.472	2.374	14.3	21.8
6 10	18 57.55	−22 28.2	1.410	2.374	10.0	21.6
6 20	18 47.77	−22 36.7	1.370	2.373	5.2	21.3
6 30	18 36.55	−22 44.5	1.356	2.373	0.2	20.9
7 10	18 25.30	−22 49.8	1.368	2.371	5.2	21.3
7 20	18 15.40	−22 52.3	1.404	2.369	10.0	21.6
7 30	18 7.97	−22 52.8	1.464	2.367	14.3	21.8

5837 Hedin 6 29.9 11°.83 0°.1/30.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 21	19 0.58	−21 49.8	1.857	2.680	15.2	17.4
5 31	18 57.55	−21 59.7	1.778	2.682	12.1	17.2
6 10	18 52.13	−22 13.6	1.720	2.685	8.4	17.0
6 20	18 44.85	−22 29.8	1.685	2.689	4.3	16.8
6 30	18 36.55	−22 46.3	1.676	2.693	0.2	16.4
7 10	18 28.27	−23 1.6	1.694	2.698	4.3	16.8
7 20	18 21.01	−23 14.6	1.737	2.703	8.3	17.0
7 30	18 15.62	−23 25.3	1.803	2.709	11.9	17.3

478290 2011 WE_{14} 6 29.9 264°.85 4°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 21	19 5.88	−33 7.0	2.261	3.063	13.5	21.8
5 31	19 1.82	−34 17.1	2.167	3.054	11.0	21.6
6 10	18 55.24	−35 26.9	2.096	3.044	8.2	21.4
6 20	18 46.56	−36 31.3	2.049	3.035	5.7	21.2
6 30	18 36.55	−37 25.1	2.030	3.025	4.7	21.1
7 10	18 26.30	−38 4.6	2.037	3.016	6.4	21.2
7 20	18 16.89	−38 28.4	2.072	3.006	9.2	21.4
7 30	18 9.34	−38 37.7	2.130	2.996	12.0	21.5

78061 2002 KV_{5} 6 30.0 323°.39 1°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.88	−21 48.9	1.404	2.316	14.1	18.1
6 10	18 53.69	−21 10.1	1.320	2.288	10.1	17.7
6 20	18 45.94	−20 30.4	1.257	2.260	5.4	17.4
6 30	18 36.55	−19 50.0	1.218	2.234	1.5	17.1
7 10	18 26.86	−19 10.1	1.204	2.208	5.6	17.3
7 20	18 18.23	−18 32.9	1.214	2.183	10.7	17.5
7 30	18 11.92	−18 0.4	1.245	2.159	15.5	17.7
8 9	18 8.73	−17 34.0	1.294	2.136	19.5	17.9

333742 2009 XT_{16} 6 30.0 306°.96 0°.7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.29	−17 38.6	1.517	2.419	13.9	20.0
6 10	18 54.59	−18 44.1	1.439	2.402	9.9	19.7
6 20	18 46.41	−20 1.6	1.383	2.386	5.3	19.4
6 30	18 36.57	−21 26.8	1.353	2.370	0.7	19.1
7 10	18 26.30	−22 53.9	1.349	2.354	5.1	19.3
7 20	18 16.92	−24 17.3	1.371	2.338	10.0	19.6
7 30	18 9.69	−25 33.5	1.417	2.323	14.5	19.8
8 9	18 5.47	−26 40.7	1.481	2.308	18.2	20.0

183882 2004 CV_{59} 6 30.0 193°.75 3°.9/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.11	−31 42.0	1.763	2.656	12.7	20.6
6 10	18 57.66	−32 25.1	1.699	2.655	9.2	20.4
6 20	18 47.82	−33 2.3	1.658	2.653	5.7	20.2
6 30	18 36.57	−33 28.7	1.644	2.651	3.9	20.1
7 10	18 25.25	−33 41.2	1.657	2.648	6.2	20.2
7 20	18 15.15	−33 39.8	1.695	2.645	9.8	20.4
7 30	18 7.37	−33 26.9	1.757	2.642	13.3	20.6
8 9	18 2.57	−33 6.4	1.839	2.638	16.3	20.8

59524 1999 JU_{22} 6 30.0 62°.36 7°.0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.90	− 7 50.1	1.638	2.515	14.4	18.3
6 10	18 53.74	− 6 50.3	1.582	2.518	11.3	18.1
6 20	18 45.67	− 6 3.6	1.547	2.521	8.4	17.9
6 30	18 36.58	− 5 33.2	1.537	2.525	7.0	17.9
7 10	18 27.53	− 5 20.2	1.552	2.528	8.2	17.9
7 20	18 19.57	− 5 24.0	1.591	2.531	11.0	18.1
7 30	18 13.54	− 5 42.5	1.652	2.535	14.1	18.3
8 9	18 9.99	− 6 12.1	1.733	2.539	16.9	18.5

327822 2006 WU_{18} 6 30.0 272°.96 4°.3/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.83	−31 17.1	1.563	2.464	13.6	20.7
6 10	18 57.13	−32 6.4	1.491	2.451	9.9	20.5
6 20	18 47.71	−32 51.0	1.442	2.438	6.2	20.2
6 30	18 36.58	−33 24.9	1.418	2.425	4.3	20.1
7 10	18 25.16	−33 44.2	1.420	2.412	6.8	20.2
7 20	18 14.96	−33 47.8	1.446	2.399	10.8	20.4
7 30	18 7.27	−33 38.2	1.494	2.386	14.7	20.6
8 9	18 2.89	−33 19.4	1.561	2.373	18.1	20.8

111896 2002 FL_{4} 6 30.0 51°.03 3°.1/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.28	−28 14.3	1.143	2.059	16.3	18.8
6 10	18 57.42	−28 46.9	1.107	2.076	11.5	18.6
6 20	18 47.71	−29 14.5	1.092	2.095	6.3	18.4
6 30	18 36.58	−29 32.3	1.100	2.113	3.1	18.2
7 10	18 25.81	−29 37.5	1.131	2.132	6.5	18.5
7 20	18 16.98	−29 31.2	1.185	2.152	11.3	18.8
7 30	18 11.22	−29 16.3	1.260	2.171	15.6	19.1
8 9	18 9.02	−28 56.7	1.353	2.191	19.1	19.4

22978 Nyrölä 6 30.0 263°.15 4°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.69	−11 11.2	1.996	2.872	12.2	17.8
6 10	18 53.54	−10 30.1	1.913	2.856	9.3	17.6
6 20	18 45.60	− 9 57.1	1.855	2.838	6.4	17.4
6 30	18 36.58	− 9 33.8	1.823	2.821	4.9	17.3
7 10	18 27.41	− 9 21.3	1.817	2.803	6.3	17.3
7 20	18 19.01	− 9 19.5	1.838	2.785	9.3	17.5
7 30	18 12.21	− 9 27.7	1.883	2.767	12.6	17.6
8 9	18 7.63	− 9 44.1	1.948	2.748	15.5	17.8

242478 2004 TZ_{57} 6 30.0 324°.86 0°.1/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.36	−22 59.4	1.093	2.015	16.4	20.3
6 10	18 55.15	−23 4.0	1.028	2.001	11.6	20.0
6 20	18 46.84	−23 10.8	0.984	1.989	6.0	19.6
6 30	18 36.58	−23 17.2	0.961	1.977	0.1	19.1
7 10	18 26.09	−23 21.1	0.960	1.966	6.1	19.6
7 20	18 17.09	−23 21.6	0.982	1.956	12.0	19.8
7 30	18 11.05	−23 19.9	1.023	1.946	17.2	20.1
8 9	18 8.78	−23 17.1	1.080	1.938	21.5	20.4

189568 2000 SN_{311} 6 30.0 329°.13 0°.5/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.99	−26 43.5	1.451	2.357	14.1	19.2
6 10	18 56.29	−26 1.6	1.383	2.349	9.9	18.9
6 20	18 47.12	−25 13.7	1.338	2.342	5.2	18.6
6 30	18 36.59	−24 19.4	1.318	2.335	0.5	18.2
7 10	18 26.11	−23 20.4	1.324	2.328	5.2	18.6
7 20	18 17.04	−22 20.1	1.354	2.322	10.1	18.8
7 30	18 10.47	−21 22.3	1.408	2.316	14.4	19.1
8 9	18 7.00	−20 30.0	1.480	2.311	18.1	19.3

365076 2009 BK_{13} 6 30.0 170°.78 0°.9/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.71	−25 35.8	1.548	2.448	13.8	20.8
6 10	18 58.05	−25 33.7	1.487	2.450	9.7	20.5
6 20	18 47.98	−25 29.1	1.450	2.452	5.0	20.3
6 30	18 36.59	−25 19.7	1.438	2.454	0.9	20.0
7 10	18 25.28	−25 4.8	1.453	2.455	5.1	20.3
7 20	18 15.36	−24 45.2	1.493	2.456	9.7	20.6
7 30	18 7.91	−24 23.1	1.556	2.457	13.8	20.8
8 9	18 3.51	−24 1.0	1.640	2.456	17.2	21.0

37911 1998 FA_{85} 6 30.0 17°.34 10°.6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.10	−43 29.6	1.283	2.173	16.7	17.6
6 10	18 57.86	−44 54.9	1.242	2.179	13.7	17.4
6 20	18 48.20	−46 0.1	1.222	2.185	11.3	17.3
6 30	18 36.58	−46 36.1	1.223	2.193	10.6	17.3
7 10	18 25.08	−46 38.9	1.245	2.202	11.9	17.4
7 20	18 15.61	−46 10.8	1.288	2.211	14.5	17.6
7 30	18 9.63	−45 19.0	1.351	2.222	17.3	17.8
8 9	18 7.74	−44 12.2	1.430	2.233	19.9	18.0

44138 1998 HG_{92} 6 30.0 46°.43 5°.9/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.49	−11 17.8	1.212	2.113	16.8	18.6
6 10	18 54.50	−10 47.5	1.170	2.125	12.5	18.4
6 20	18 46.15	−10 32.2	1.148	2.139	8.3	18.2
6 30	18 36.59	−10 33.1	1.149	2.152	5.9	18.1
7 10	18 27.24	−10 49.2	1.173	2.167	7.7	18.3
7 20	18 19.39	−11 18.1	1.220	2.181	11.6	18.5
7 30	18 14.04	−11 56.3	1.287	2.196	15.5	18.8
8 9	18 11.73	−12 39.7	1.373	2.212	18.8	19.1

23221 Delgado 6 30.0 292.°51 2.°0/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.98	−17 51.7	1.358	2.264	14.9	17.7
6 10	18 55.22	−18 0.9	1.281	2.246	10.7	17.4
6 20	18 46.78	−18 18.4	1.226	2.228	5.9	17.0
6 30	18 36.60	−18 42.6	1.194	2.209	2.1	16.7
7 10	18 26.06	−19 11.3	1.188	2.191	5.7	16.9
7 20	18 16.60	−19 42.1	1.205	2.173	10.9	17.2
7 30	18 9.54	−20 13.5	1.243	2.156	15.6	17.4
8 9	18 5.72	−20 44.4	1.300	2.138	19.7	17.6

210394 2007 VQ_{180} 6 30.0 322.°51 1.°5/29.7 17

5 31	18 59.90	−25 34.4	1.773	2.676	12.2	19.7
6 10	18 53.95	−26 7.6	1.707	2.671	8.5	19.5
6 20	18 45.90	−26 40.8	1.663	2.666	4.5	19.2
6 30	18 36.62	−27 10.5	1.646	2.661	1.5	19.0
7 10	18 27.24	−27 34.2	1.655	2.657	4.8	19.2
7 20	18 18.86	−27 50.6	1.690	2.653	8.9	19.5
7 30	18 12.49	−28 0.2	1.749	2.649	12.5	19.7
8 9	18 8.74	−28 4.4	1.828	2.645	15.7	19.9

119460 2001 TQ_{194} 6 30.0 201.°69 2.°9/29.6 18

5 31	19 3.88	−30 45.3	2.058	2.947	11.4	19.9
6 10	18 56.53	−31 9.1	1.988	2.943	8.2	19.7
6 20	18 47.15	−31 27.6	1.943	2.939	4.8	19.5
6 30	18 36.63	−31 37.5	1.925	2.935	2.9	19.4
7 10	18 26.06	−31 37.0	1.935	2.930	5.1	19.5
7 20	18 16.51	−31 26.5	1.972	2.924	8.5	19.7
7 30	18 8.93	−31 7.8	2.034	2.918	11.7	19.9
8 9	18 3.91	−30 44.0	2.116	2.911	14.6	20.1

494274 2016 QB_{78} 6 30.0 341.°99 8.°4/30.1 16

5 31	18 56.57	− 7 25.7	1.372	2.261	15.9	20.3
6 10	18 51.83	− 6 11.5	1.307	2.250	12.7	20.1
6 20	18 44.87	− 5 11.7	1.264	2.239	9.7	19.9
6 30	18 36.63	− 4 31.2	1.243	2.230	8.4	19.8
7 10	18 28.28	− 4 12.4	1.245	2.222	9.7	19.8
7 20	18 21.02	− 4 15.5	1.269	2.214	12.8	20.0
7 30	18 15.87	− 4 37.9	1.313	2.208	16.2	20.2
8 9	18 13.51	− 5 14.8	1.375	2.203	19.3	20.4

409360 2005 AG_{1} 6 30.0 159.°93 1.°3/30.3 17

5 31	19 3.70	−17 53.8	1.713	2.605	13.1	20.9
6 10	18 56.49	−18 25.3	1.653	2.611	9.3	20.7
6 20	18 47.16	−19 3.5	1.616	2.616	5.0	20.4
6 30	18 36.63	−19 45.7	1.605	2.621	1.3	20.2
7 10	18 26.06	−20 28.7	1.622	2.625	4.7	20.4
7 20	18 16.60	−21 10.3	1.666	2.628	8.9	20.7
7 30	18 9.20	−21 48.9	1.734	2.631	12.8	20.9
8 9	18 4.49	−22 24.0	1.822	2.633	16.0	21.2

176042 2000 SA_{263} 6 30.0 312.°82 1.°1/29.8 18

5 31	18 58.92	−25 10.7	1.979	2.879	11.3	19.9
6 10	18 53.09	−25 31.4	1.909	2.872	7.9	19.7
6 20	18 45.40	−25 51.8	1.863	2.865	4.1	19.4
6 30	18 36.63	−26 9.5	1.843	2.859	1.1	19.2
7 10	18 27.78	−26 22.7	1.851	2.853	4.3	19.4
7 20	18 19.83	−26 30.6	1.885	2.847	8.1	19.6
7 30	18 13.64	−26 33.8	1.943	2.841	11.6	19.8
8 9	18 9.81	−26 33.4	2.022	2.835	14.5	20.0

326919 2003 YX_{61} 6 30.0 169.°73 0.°0/30.0 17

5 31	19 4.01	−23 4.4	1.961	2.852	11.8	22.0
6 10	18 56.49	−23 7.1	1.898	2.857	8.2	21.7
6 20	18 47.08	−23 9.9	1.859	2.861	4.2	21.5
6 30	18 36.64	−23 11.1	1.847	2.864	0.0	21.1
7 10	18 26.24	−23 9.7	1.864	2.866	4.2	21.5
7 20	18 16.90	−23 5.8	1.908	2.868	8.1	21.8
7 30	18 9.48	−23 0.1	1.976	2.869	11.7	22.0
8 9	18 4.53	−22 53.8	2.066	2.869	14.6	22.2

103119 1999 XR_{184} 6 30.0 204.°56 3.°2/29.3 18

5 31	19 2.59	−31 37.6	2.298	3.184	10.5	20.0
6 10	18 55.55	−32 18.0	2.227	3.180	7.6	19.8
6 20	18 46.64	−32 53.6	2.182	3.175	4.7	19.6
6 30	18 36.64	−33 20.9	2.164	3.170	3.2	19.5
7 10	18 26.54	−33 37.6	2.174	3.164	5.1	19.6
7 20	18 17.30	−33 43.1	2.212	3.157	8.1	19.8
7 30	18 9.81	−33 39.0	2.274	3.151	11.0	20.0
8 9	18 4.65	−33 27.6	2.358	3.143	13.5	20.1

133075 2003 JX_{5} 6 30.0 308.°98 0.°3/30.1 18

5 31	19 1.38	−21 10.2	1.225	2.139	15.6	19.3
6 10	18 55.65	−21 31.7	1.159	2.128	11.0	19.0
6 20	18 47.05	−21 58.7	1.113	2.118	5.8	18.7
6 30	18 36.65	−22 28.0	1.091	2.108	0.3	18.3
7 10	18 26.00	−22 56.2	1.093	2.098	5.8	18.7
7 20	18 16.68	−23 21.2	1.117	2.089	11.2	18.9
7 30	18 10.07	−23 42.4	1.163	2.080	16.1	19.2
8 9	18 6.98	−24 0.1	1.226	2.071	20.3	19.4

438171 2005 TY_{28} 6 30.0 272.°59 1.°0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.36	−21 12.8	2.300	3.191	10.3	21.3
6 10	18 53.19	−20 52.7	2.214	3.173	7.2	21.1
6 20	18 45.40	−20 33.1	2.153	3.154	3.8	20.8
6 30	18 36.66	−20 13.7	2.120	3.136	1.0	20.6
7 10	18 27.81	−19 54.7	2.115	3.117	3.8	20.8
7 20	18 19.68	−19 36.4	2.138	3.098	7.4	20.9
7 30	18 13.04	−19 19.6	2.186	3.079	10.7	21.1
8 9	18 8.44	−19 5.0	2.256	3.060	13.5	21.3

12549 1998 QO_{26} 6 30.0 165.°21 1.°5/30.3 18

5 31	18 57.18	−17 36.6	2.765	3.648	9.0	18.9
6 10	18 51.36	−17 32.9	2.698	3.651	6.4	18.8
6 20	18 44.34	−17 32.5	2.657	3.654	3.6	18.6
6 30	18 36.67	−17 35.1	2.644	3.657	1.6	18.4
7 10	18 29.01	−17 40.1	2.660	3.659	3.4	18.6
7 20	18 21.99	−17 47.1	2.704	3.661	6.2	18.8
7 30	18 16.18	−17 55.6	2.774	3.663	8.8	18.9
8 9	18 12.00	−18 5.2	2.867	3.665	11.1	19.1

418433 2008 PV 6 30.0 4.°89 5.°8/30.7 17

5 31	18 58.01	−11 21.7	1.334	2.233	15.6	19.6
6 10	18 52.82	−10 48.2	1.279	2.233	11.8	19.4
6 20	18 45.37	−10 27.9	1.244	2.233	7.9	19.2
6 30	18 36.67	−10 22.7	1.232	2.235	5.8	19.1
7 10	18 27.98	−10 32.4	1.243	2.236	7.5	19.2
7 20	18 20.52	−10 55.3	1.278	2.239	11.2	19.4
7 30	18 15.30	−11 28.7	1.334	2.242	15.1	19.6
8 9	18 12.94	−12 8.7	1.408	2.246	18.4	19.9

431078 2006 DR_{22} 6 30.0 96.°72 0.°8/30.2 17

5 31	19 0.42	−20 17.3	1.766	2.664	12.4	21.3
6 10	18 54.17	−20 30.1	1.706	2.668	8.7	21.1
6 20	18 45.97	−20 46.7	1.669	2.671	4.6	20.8
6 30	18 36.68	−21 5.0	1.658	2.674	0.8	20.6
7 10	18 27.39	−21 23.5	1.674	2.677	4.4	20.8
7 20	18 19.15	−21 40.8	1.716	2.680	8.5	21.1
7 30	18 12.86	−21 56.7	1.782	2.684	12.2	21.3
8 9	18 9.07	−22 11.2	1.868	2.687	15.3	21.5

479294 2013 GN_{102} 6 30.0 170.°59 3.°4/29.2 18

5 31	19 0.45	−34 32.7	2.877	3.755	8.9	22.3
6 10	18 53.76	−35 5.3	2.813	3.758	6.5	22.1
6 20	18 45.62	−35 31.8	2.775	3.761	4.4	22.0
6 30	18 36.68	−35 49.6	2.765	3.763	3.4	21.9
7 10	18 27.73	−35 57.3	2.783	3.765	4.7	22.0
7 20	18 19.52	−35 54.9	2.829	3.767	6.9	22.2
7 30	18 12.74	−35 43.9	2.901	3.768	9.2	22.3
8 9	18 7.86	−35 26.3	2.995	3.769	11.2	22.5

349997 2010 FY_{98} 6 30.0 341.°08 1.°8/29.6 17

5 31	18 59.94	−25 54.1	1.735	2.638	12.4	20.6
6 10	18 54.03	−26 33.5	1.671	2.635	8.7	20.4
6 20	18 45.98	−27 12.9	1.630	2.632	4.6	20.2
6 30	18 36.68	−27 48.4	1.615	2.630	1.8	20.0
7 10	18 27.28	−28 17.0	1.626	2.627	5.0	20.2
7 20	18 18.92	−28 37.4	1.663	2.625	9.0	20.4
7 30	18 12.60	−28 49.9	1.723	2.623	12.7	20.6
8 9	18 8.96	−28 56.2	1.804	2.621	15.8	20.8

45615 2000 DG_{63} 6 30.0 243.°00 4.°5/30.8 18

5 31	18 58.53	− 9 54.6	2.184	3.055	11.5	20.2
6 10	18 52.63	− 9 41.4	2.105	3.044	8.8	20.0
6 20	18 45.13	− 9 38.1	2.050	3.032	6.0	19.8
6 30	18 36.69	− 9 45.3	2.022	3.020	4.5	19.7
7 10	18 28.13	−10 2.7	2.020	3.007	5.7	19.8
7 20	18 20.26	−10 29.0	2.046	2.995	8.4	19.9
7 30	18 13.83	−11 2.5	2.096	2.981	11.4	20.1
8 9	18 9.41	−11 40.9	2.168	2.968	14.1	20.2

108314 2001 JN_{5} 6 30.0 328.°74 6.°1/30.9 17

5 31	18 57.01	− 8 45.7	1.634	2.518	14.1	18.8
6 10	18 51.93	− 8 19.3	1.564	2.508	10.9	18.6
6 20	18 44.89	− 8 6.5	1.516	2.498	7.8	18.3
6 30	18 36.69	− 8 9.0	1.492	2.488	6.1	18.2
7 10	18 28.37	− 8 26.8	1.493	2.479	7.4	18.3
7 20	18 20.96	− 8 58.2	1.518	2.471	10.5	18.4
7 30	18 15.39	− 9 40.4	1.565	2.463	13.9	18.6
8 9	18 12.30	−10 29.7	1.632	2.456	17.0	18.8

58835 1998 HG_{39} 6 30.0 127.°21 8.°7/28.2 18

5 31	19 7.45	−43 59.3	1.804	2.671	13.8	17.9
6 10	18 59.66	−45 14.2	1.751	2.673	11.3	17.7
6 20	18 49.01	−46 13.1	1.721	2.676	9.3	17.6
6 30	18 36.70	−46 48.9	1.716	2.678	8.8	17.6
7 10	18 24.32	−46 58.0	1.734	2.680	9.9	17.7
7 20	18 13.46	−46 41.5	1.777	2.683	12.1	17.8
7 30	18 5.41	−46 4.4	1.840	2.685	14.6	18.0
8 9	18 0.86	−45 13.5	1.923	2.687	16.9	18.2

261484 2005 VV_{130} 6 30.0 250°.31 3°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 57.04	−11 50.2	2.263	3.140	10.9	21.2
6 10	18 51.51	−11 46.6	2.192	3.137	8.1	21.1
6 20	18 44.52	−11 51.6	2.146	3.134	5.3	20.9
6 30	18 36.70	−12 5.3	2.127	3.131	3.6	20.8
7 10	18 28.84	−12 26.7	2.135	3.127	4.9	20.8
7 20	18 21.68	−12 54.5	2.170	3.124	7.7	21.0
7 30	18 15.92	−13 27.2	2.229	3.120	10.6	21.2
8 9	18 12.04	−14 2.8	2.311	3.117	13.2	21.4

57561 2001 TA_{48} 6 30.0 64°.29 1°.9/30.5 17

5 31	19 2.74	−16 36.7	1.211	2.118	16.3	18.9
6 10	18 56.34	−17 18.5	1.163	2.128	11.5	18.7
6 20	18 47.27	−18 11.7	1.136	2.137	6.3	18.4
6 30	18 36.71	−19 12.0	1.132	2.147	1.9	18.2
7 10	18 26.20	−20 14.5	1.153	2.158	5.7	18.4
7 20	18 17.20	−21 14.7	1.198	2.168	10.8	18.8
7 30	18 10.90	−22 9.9	1.265	2.178	15.3	19.0
8 9	18 7.93	−22 58.9	1.349	2.189	19.0	19.3

261685 2005 YV_{201} 6 30.0 245°.97 0°.3/30.1 18

5 31	18 57.69	−21 48.1	2.385	3.277	9.9	21.2
6 10	18 51.94	−21 53.7	2.315	3.275	6.9	21.0
6 20	18 44.73	−22 0.7	2.271	3.273	3.6	20.8
6 30	18 36.71	−22 8.0	2.255	3.271	0.3	20.5
7 10	18 28.67	−22 14.5	2.267	3.269	3.5	20.8
7 20	18 21.37	−22 19.9	2.306	3.267	6.8	21.0
7 30	18 15.50	−22 24.2	2.370	3.265	9.9	21.2
8 9	18 11.53	−22 27.7	2.457	3.263	12.4	21.4

180325 2003 YQ_{5} 6 30.0 171°.98 1°.5/29.8 17

5 31	19 4.47	−26 16.9	1.903	2.795	12.0	21.3
6 10	18 56.97	−26 38.2	1.840	2.799	8.4	21.0
6 20	18 47.42	−26 57.5	1.801	2.802	4.5	20.8
6 30	18 36.73	−27 12.0	1.789	2.804	1.5	20.6
7 10	18 26.04	−27 19.7	1.805	2.806	4.6	20.8
7 20	18 16.46	−27 20.6	1.849	2.807	8.5	21.1
7 30	18 8.91	−27 15.8	1.916	2.807	12.0	21.3
8 9	18 3.98	−27 7.4	2.005	2.807	15.0	21.5

497178 2004 TY_{35} 6 30.0 313°.13 3°.0/29.7 17

5 31	19 1.66	−27 48.8	1.127	2.046	16.2	21.3
6 10	18 56.30	−28 17.9	1.055	2.026	11.6	21.0
6 20	18 47.62	−28 45.0	1.004	2.007	6.5	20.6
6 30	18 36.73	−29 4.4	0.975	1.989	3.0	20.3
7 10	18 25.41	−29 12.0	0.968	1.971	7.0	20.5
7 20	18 15.55	−29 7.0	0.983	1.953	12.5	20.8
7 30	18 8.76	−28 51.8	1.018	1.937	17.7	21.0
8 9	18 5.99	−28 30.3	1.069	1.921	22.1	21.2

506471 2002 RE_{259} 6 30.0 322°.36 1°.0/29.9 17

5 31	18 59.47	−24 41.7	1.177	2.097	15.6	21.4
6 10	18 54.56	−24 53.6	1.104	2.076	11.1	21.1
6 20	18 46.63	−25 6.1	1.051	2.056	5.8	20.7
6 30	18 36.73	−25 15.9	1.020	2.036	1.0	20.3
7 10	18 26.45	−25 20.3	1.012	2.018	6.1	20.6
7 20	18 17.48	−25 18.7	1.027	2.000	11.7	20.9
7 30	18 11.30	−25 12.2	1.061	1.983	16.9	21.1
8 9	18 8.81	−25 2.9	1.112	1.967	21.2	21.3

483010 2014 TJ_{55} 6 30.0 219°.21 4°.7/29.5 17

5 31	19 6.60	−32 46.3	1.489	2.386	14.4	21.4
6 10	18 59.11	−33 24.7	1.425	2.382	10.5	21.1
6 20	18 48.77	−33 55.1	1.384	2.378	6.7	20.9
6 30	18 36.75	−34 11.7	1.368	2.373	4.7	20.8
7 10	18 24.64	−34 11.4	1.377	2.368	7.1	20.9
7 20	18 14.01	−33 54.9	1.410	2.363	11.1	21.1
7 30	18 6.15	−33 25.9	1.466	2.358	15.0	21.3
8 9	18 1.77	−32 49.6	1.540	2.352	18.4	21.5

501034 2013 RV_{70} 6 30.0 313°.60 11°.5/ 1.4 18

5 31	18 57.27	+ 0 14.4	1.322	2.186	18.0	20.8
6 10	18 52.59	+ 1 4.1	1.246	2.163	15.2	20.6
6 20	18 45.47	+ 1 29.2	1.189	2.141	12.8	20.4
6 30	18 36.74	+ 1 24.0	1.153	2.120	11.5	20.2
7 10	18 27.63	+ 0 46.6	1.137	2.099	12.3	20.2
7 20	18 19.44	− 0 20.8	1.143	2.078	14.8	20.3
7 30	18 13.41	− 1 52.5	1.168	2.058	18.1	20.4
8 9	18 10.39	− 3 39.7	1.211	2.040	21.4	20.6

509280 2006 VQ_{4} 6 30.0 279°.48 4°.0/29.2 17

5 31	19 5.41	−30 33.0	1.653	2.550	13.3	21.2
6 10	18 58.45	−31 25.7	1.561	2.520	9.7	20.9
6 20	18 48.61	−32 16.0	1.493	2.489	6.0	20.6
6 30	18 36.75	−32 57.6	1.449	2.457	4.0	20.4
7 10	18 24.25	−33 25.6	1.433	2.425	6.7	20.5
7 20	18 12.65	−33 38.0	1.441	2.393	11.0	20.7
7 30	18 3.39	−33 36.3	1.472	2.360	15.2	20.8
8 9	17 57.47	−33 24.2	1.522	2.326	18.9	21.0

144891 2004 RC_{289} 6 30.0 121°.35 14°.9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 5.50	+ 2 59.6	1.187	2.035	20.6	19.7
6 10	18 58.08	+ 5 17.0	1.147	2.044	17.9	19.6
6 20	18 48.10	+ 7 5.8	1.126	2.053	15.7	19.5
6 30	18 36.76	+ 8 17.0	1.125	2.062	14.9	19.5
7 10	18 25.57	+ 8 46.4	1.145	2.070	15.7	19.5
7 20	18 15.95	+ 8 36.1	1.184	2.077	17.8	19.7
7 30	18 9.00	+ 7 52.4	1.241	2.085	20.2	19.9
8 9	18 5.32	+ 6 45.2	1.312	2.091	22.6	20.1

467620 2008 DL_{16} 6 30.0 48°.66 0°.1/30.0 17

5 31	19 1.84	−21 59.0	1.292	2.203	15.1	20.6
6 10	18 55.56	−22 26.3	1.249	2.217	10.5	20.4
6 20	18 46.81	−22 56.9	1.227	2.231	5.4	20.1
6 30	18 36.75	−23 27.2	1.229	2.245	0.1	19.7
7 10	18 26.88	−23 54.1	1.256	2.260	5.3	20.2
7 20	18 18.52	−24 16.1	1.306	2.275	10.2	20.5
7 30	18 12.76	−24 33.1	1.379	2.291	14.4	20.8
8 9	18 10.15	−24 46.1	1.470	2.307	17.9	21.1

464699 2002 GD_{186} 6 30.0 59°.07 4°.8/29.3 17

5 31	19 5.07	−31 16.5	1.263	2.171	15.6	21.3
6 10	18 58.11	−32 12.8	1.220	2.183	11.3	21.1
6 20	18 48.23	−33 1.8	1.198	2.195	6.9	20.9
6 30	18 36.76	−33 36.8	1.200	2.207	4.8	20.8
7 10	18 25.46	−33 54.1	1.226	2.220	7.4	21.0
7 20	18 15.94	−33 54.1	1.275	2.233	11.6	21.3
7 30	18 9.44	−33 40.3	1.345	2.245	15.5	21.6
8 9	18 6.55	−33 17.8	1.434	2.258	18.9	21.8

499415 2010 CQ_{42} 6 30.0 170°.69 3°.6/ 1.0 18

5 31	18 59.91	−10 47.3	2.315	3.184	11.0	21.7
6 10	18 53.45	−10 56.9	2.248	3.187	8.2	21.5
6 20	18 45.52	−11 15.9	2.205	3.191	5.4	21.4
6 30	18 36.76	−11 43.9	2.191	3.193	3.6	21.3
7 10	18 27.97	−12 19.5	2.204	3.195	4.9	21.4
7 20	18 19.92	−13 0.7	2.245	3.197	7.6	21.5
7 30	18 13.30	−13 45.5	2.312	3.198	10.5	21.7
8 9	18 8.61	−14 31.9	2.402	3.198	13.0	21.9

263290 2008 BT_{50} 6 30.0 292°.40 1°.6/30.4 18

5 31	18 58.19	−17 44.6	2.016	2.909	11.4	20.8
6 10	18 52.54	−17 56.9	1.944	2.902	8.1	20.6
6 20	18 45.16	−18 14.8	1.895	2.895	4.5	20.4
6 30	18 36.76	−18 37.0	1.873	2.887	1.6	20.2
7 10	18 28.25	−19 2.0	1.878	2.880	4.2	20.3
7 20	18 20.54	−19 28.3	1.910	2.873	7.9	20.6
7 30	18 14.45	−19 54.7	1.966	2.866	11.4	20.8
8 9	18 10.55	−20 20.6	2.043	2.859	14.3	20.9

386995 2012 QC_{38} 6 30.0 291°.53 0°.4/30.1 16

5 31	19 0.16	−21 19.6	1.698	2.599	12.7	21.4
6 10	18 54.22	−21 32.9	1.625	2.589	8.9	21.1
6 20	18 46.14	−21 49.3	1.575	2.578	4.7	20.8
6 30	18 36.76	−22 7.0	1.551	2.568	0.4	20.5
7 10	18 27.22	−22 24.0	1.554	2.557	4.6	20.8
7 20	18 18.67	−22 39.0	1.581	2.547	9.0	21.0
7 30	18 12.11	−22 52.0	1.633	2.537	13.0	21.2
8 9	18 8.22	−23 3.2	1.704	2.527	16.4	21.5

112263 2002 LN_{16} 6 30.0 63°.44 4°.3/29.5 18

5 31	19 5.32	−30 43.8	1.278	2.186	15.5	19.3
6 10	18 58.19	−31 32.6	1.237	2.201	11.1	19.1
6 20	18 48.23	−32 14.5	1.217	2.215	6.7	18.9
6 30	18 36.79	−32 43.2	1.221	2.230	4.3	18.8
7 10	18 25.57	−32 55.7	1.250	2.245	7.0	19.0
7 20	18 16.14	−32 52.5	1.302	2.260	11.3	19.2
7 30	18 9.69	−32 37.2	1.375	2.276	15.2	19.5
8 9	18 6.75	−32 14.3	1.466	2.291	18.5	19.8

344763 2003 WD_{62} 6 30.0 323°.19 6°.3/27.8 18

5 31	19 0.46	−32 14.4	1.367	2.277	14.6	19.9
6 10	18 55.47	−33 56.5	1.286	2.248	10.9	19.6
6 20	18 47.28	−35 38.8	1.227	2.220	7.5	19.3
6 30	18 36.78	−37 11.5	1.191	2.192	6.5	19.2
7 10	18 25.48	−38 26.0	1.180	2.165	9.1	19.2
7 20	18 15.15	−39 17.1	1.192	2.138	13.3	19.4
7 30	18 7.53	−39 45.2	1.223	2.113	17.5	19.6
8 9	18 3.80	−39 54.2	1.271	2.089	21.2	19.8

393979 2005 US_{341} 6 30.0 345°.59 4°.7/30.5 18

5 31	18 56.61	−11 51.6	1.813	2.701	12.7	20.5
6 10	18 51.49	−11 18.9	1.746	2.695	9.5	20.3
6 20	18 44.63	−10 55.6	1.702	2.690	6.4	20.1
6 30	18 36.78	−10 42.9	1.683	2.685	4.7	20.0
7 10	18 28.90	−10 41.3	1.690	2.681	6.2	20.1
7 20	18 21.89	−10 50.0	1.722	2.677	9.3	20.2
7 30	18 16.57	−11 7.6	1.777	2.674	12.5	20.4
8 9	18 13.50	−11 31.9	1.852	2.671	15.4	20.6

360950 2005 UE_{66} 6 30.0 235°.23 2°.6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 57.84	−15 27.7	2.435	3.317	10.1	20.9
6 10	18 52.02	−15 8.2	2.360	3.311	7.3	20.7
6 20	18 44.80	−14 53.4	2.310	3.304	4.4	20.5
6 30	18 36.79	−14 43.7	2.287	3.296	2.6	20.4
7 10	18 28.74	−14 39.0	2.293	3.289	4.2	20.5
7 20	18 21.37	−14 39.0	2.326	3.282	7.2	20.6
7 30	18 15.34	−14 43.3	2.384	3.274	10.1	20.8
8 9	18 11.12	−14 51.3	2.465	3.266	12.6	21.0

193450 2000 WQ_{151} 6 30.0 270°.65 1°.0/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.73	−19 19.9	2.047	2.936	11.4	20.7
6 10	18 55.23	−19 37.3	1.950	2.907	8.1	20.4
6 20	18 46.69	−19 59.6	1.878	2.878	4.4	20.2
6 30	18 36.81	−20 24.9	1.833	2.848	1.0	19.8
7 10	18 26.55	−20 51.4	1.815	2.818	4.3	20.0
7 20	18 16.92	−21 17.4	1.826	2.787	8.4	20.2
7 30	18 8.92	−21 42.2	1.861	2.755	12.2	20.4
8 9	18 3.29	−22 5.6	1.917	2.723	15.5	20.5

388731 2007 VY_{242} 6 30.0 211°.78 0°.7/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.57	−20 23.0	2.080	2.973	11.1	22.0
6 10	18 53.45	−20 34.0	2.011	2.971	7.8	21.8
6 20	18 45.61	−20 48.1	1.967	2.968	4.1	21.6
6 30	18 36.81	−21 3.8	1.950	2.966	0.7	21.3
7 10	18 27.95	−21 19.5	1.960	2.963	3.9	21.6
7 20	18 19.93	−21 34.4	1.997	2.960	7.7	21.8
7 30	18 13.57	−21 48.1	2.060	2.957	11.0	22.0
8 9	18 9.39	−22 0.8	2.143	2.954	13.9	22.2

8230 Perona 6 30.0 19°.30 0°.6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 57.50	−23 6.9	0.790	1.729	18.9	16.6
6 10	18 53.30	−22 44.5	0.757	1.738	13.2	16.4
6 20	18 45.87	−22 23.9	0.742	1.749	6.8	16.1
6 30	18 36.80	−22 4.1	0.746	1.763	0.6	15.7
7 10	18 28.13	−21 45.3	0.770	1.778	6.5	16.2
7 20	18 21.58	−21 28.4	0.814	1.795	12.5	16.6
7 30	18 18.37	−21 14.4	0.875	1.814	17.6	16.9
8 9	18 18.94	−21 3.6	0.952	1.834	21.8	17.3

143326 2003 AL_{62} 6 30.1 12°.45 0°.7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.55	−18 6.6	1.951	2.844	11.7	19.5
6 10	18 53.57	−19 2.5	1.885	2.844	8.2	19.3
6 20	18 45.74	−20 5.5	1.844	2.845	4.3	19.1
6 30	18 36.82	−21 12.4	1.830	2.846	0.7	18.8
7 10	18 27.77	−22 19.2	1.844	2.847	4.1	19.1
7 20	18 19.56	−23 22.7	1.885	2.848	8.0	19.3
7 30	18 13.06	−24 20.8	1.951	2.849	11.5	19.5
8 9	18 8.87	−25 12.7	2.038	2.850	14.5	19.7

27027 1998 QA_{98} 6 30.1 125°.25 2°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.63	−28 50.0	1.789	2.682	12.6	17.8
6 10	18 57.76	−28 56.3	1.736	2.695	8.9	17.6
6 20	18 47.82	−28 57.6	1.708	2.707	4.9	17.3
6 30	18 36.83	−28 51.2	1.706	2.720	2.1	17.2
7 10	18 26.05	−28 36.3	1.732	2.731	4.9	17.4
7 20	18 16.59	−28 14.0	1.784	2.742	8.8	17.6
7 30	18 9.39	−27 47.0	1.860	2.753	12.3	17.9
8 9	18 4.93	−27 18.1	1.958	2.763	15.2	18.1

491832 2013 AP_{36} 6 30.1 146°.93 1°.4/29.8 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.29	−27 39.2	2.556	3.444	9.5	22.4
6 10	18 53.68	−27 51.6	2.495	3.452	6.6	22.3
6 20	18 45.63	−28 1.3	2.460	3.459	3.6	22.1
6 30	18 36.83	−28 6.5	2.452	3.466	1.4	21.9
7 10	18 28.08	−28 6.3	2.474	3.473	3.7	22.1
7 20	18 20.14	−28 0.7	2.523	3.479	6.7	22.3
7 30	18 13.68	−27 50.8	2.599	3.485	9.4	22.5
8 9	18 9.16	−27 37.9	2.697	3.491	11.8	22.7

217007 2000 WG_{39} 6 30.1 110°.46 3°.7/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 57.86	−11 1.6	2.681	3.548	9.8	20.5
6 10	18 51.79	−10 35.9	2.628	3.566	7.3	20.4
6 20	18 44.59	−10 17.4	2.602	3.583	4.9	20.3
6 30	18 36.83	−10 6.7	2.603	3.601	3.7	20.2
7 10	18 29.17	−10 3.6	2.632	3.617	4.7	20.3
7 20	18 22.23	−10 7.7	2.689	3.634	6.9	20.5
7 30	18 16.52	−10 18.0	2.772	3.650	9.2	20.6
8 9	18 12.43	−10 33.2	2.877	3.666	11.3	20.8

503920 2002 TT_{299} 6 30.1 259°.59 0°.2/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.97	−22 21.9	1.748	2.645	12.6	22.2
6 10	18 56.26	−22 26.5	1.665	2.626	8.9	21.9
6 20	18 47.27	−22 32.6	1.605	2.608	4.7	21.6
6 30	18 36.84	−22 38.2	1.572	2.588	0.2	21.2
7 10	18 26.15	−22 41.9	1.565	2.568	4.7	21.5
7 20	18 16.39	−22 43.2	1.585	2.548	9.2	21.7
7 30	18 8.65	−22 42.7	1.628	2.527	13.3	21.9
8 9	18 3.67	−22 41.3	1.691	2.506	16.8	22.1

419708 2010 UM_{76} 6 30.1 219°.79 3°.5/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.66	−14 44.7	1.863	2.747	12.6	21.5
6 10	18 55.74	−14 17.1	1.788	2.739	9.3	21.3
6 20	18 46.87	−13 55.8	1.737	2.730	5.7	21.0
6 30	18 36.85	−13 41.5	1.712	2.720	3.5	20.9
7 10	18 26.72	−13 34.4	1.715	2.710	5.5	21.0
7 20	18 17.53	−13 34.4	1.744	2.699	9.2	21.2
7 30	18 10.16	−13 40.8	1.797	2.688	12.7	21.4
8 9	18 5.24	−13 52.7	1.871	2.676	15.8	21.6

462568 2009 DT_{89} 6 30.1 113°.73 2°.8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.13	−16 5.0	1.406	2.304	15.0	21.8
6 10	18 56.38	−16 11.2	1.352	2.312	10.8	21.6
6 20	18 47.27	−16 26.4	1.321	2.319	6.1	21.3
6 30	18 36.87	−16 49.2	1.313	2.327	2.8	21.1
7 10	18 26.52	−17 17.3	1.332	2.334	5.6	21.3
7 20	18 17.50	−17 48.5	1.375	2.340	10.1	21.6
7 30	18 10.88	−18 21.1	1.441	2.347	14.3	21.9
8 9	18 7.24	−18 53.6	1.525	2.353	17.8	22.1

361938 2008 HS_{33} 6 30.1 137°.81 6°.0/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.13	−42 31.4	2.829	3.683	9.7	21.6
6 10	18 57.31	−43 45.9	2.779	3.694	7.8	21.5
6 20	18 47.64	−44 49.8	2.754	3.706	6.4	21.4
6 30	18 36.87	−45 38.5	2.757	3.716	6.0	21.4
7 10	18 25.98	−46 9.6	2.787	3.727	6.9	21.5
7 20	18 15.95	−46 23.2	2.844	3.737	8.5	21.6
7 30	18 7.65	−46 21.2	2.925	3.746	10.3	21.8
8 9	18 1.66	−46 7.4	3.027	3.755	12.0	21.9

23680 Kerryking 6 30.1 87°.98 1°.7/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.27	−26 1.3	1.495	2.398	14.0	18.2
6 10	18 57.12	−26 28.6	1.447	2.412	9.8	18.0
6 20	18 47.61	−26 54.2	1.423	2.425	5.2	17.7
6 30	18 36.87	−27 14.3	1.424	2.439	1.7	17.5
7 10	18 26.29	−27 26.6	1.450	2.452	5.3	17.8
7 20	18 17.17	−27 30.8	1.502	2.465	9.6	18.1
7 30	18 10.52	−27 28.6	1.577	2.479	13.5	18.3
8 9	18 6.90	−27 22.1	1.671	2.491	16.8	18.6

181266 2005 WU_5 6 30.1 319°.80 3°.5/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.76	−30 32.6	1.962	2.860	11.4	19.2
6 10	18 53.94	−31 29.3	1.891	2.849	8.3	19.0
6 20	18 46.05	−32 22.9	1.844	2.839	5.1	18.8
6 30	18 36.87	−33 9.0	1.823	2.829	3.6	18.7
7 10	18 27.49	−33 44.0	1.829	2.820	5.7	18.8
7 20	18 18.99	−34 6.4	1.860	2.811	9.0	19.0
7 30	18 12.38	−34 17.1	1.916	2.802	12.3	19.2
8 9	18 8.33	−34 18.4	1.991	2.793	15.1	19.4

141797 2002 ND_{29} 6 30.1 326°.96 1°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.57	−17 16.2	1.169	2.085	16.1	18.9
6 10	18 53.90	−18 2.5	1.099	2.068	11.5	18.6
6 20	18 46.35	−19 2.6	1.049	2.052	6.3	18.2
6 30	18 36.88	−20 12.9	1.021	2.037	1.5	17.9
7 10	18 26.97	−21 27.8	1.017	2.023	5.9	18.1
7 20	18 18.23	−22 41.5	1.035	2.009	11.5	18.4
7 30	18 12.11	−23 49.8	1.074	1.997	16.6	18.6
8 9	18 9.55	−24 50.5	1.131	1.986	20.9	18.9

480812 1995 WV_{23} 6 30.1 261°.88 4°.4/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.31	−35 55.7	2.496	3.374	10.0	21.9
6 10	18 55.51	−36 40.2	2.411	3.354	7.6	21.7
6 20	18 46.80	−37 18.2	2.350	3.333	5.3	21.5
6 30	18 36.88	−37 45.5	2.317	3.311	4.4	21.4
7 10	18 26.72	−37 59.6	2.312	3.289	5.8	21.5
7 20	18 17.28	−38 0.2	2.334	3.267	8.4	21.6
7 30	18 9.49	−37 48.5	2.380	3.244	11.0	21.7
8 9	18 4.00	−37 27.8	2.448	3.222	13.4	21.9

146996 2002 PG_{85} 6 30.1 307°.52 1°.3/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.15	−19 26.9	1.305	2.215	15.1	19.9
6 10	18 54.92	−19 41.5	1.222	2.189	10.8	19.6
6 20	18 46.87	−20 3.6	1.160	2.163	5.8	19.3
6 30	18 36.89	−20 31.2	1.121	2.137	1.3	18.9
7 10	18 26.38	−21 1.5	1.107	2.112	5.7	19.1
7 20	18 16.87	−21 32.0	1.115	2.087	11.2	19.3
7 30	18 9.81	−22 1.3	1.145	2.062	16.3	19.5
8 9	18 6.17	−22 28.8	1.192	2.038	20.7	19.7

261408 2005 US_{477} 6 30.1 226°.28 5°.6/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 57.43	− 1 16.3	2.813	3.641	10.5	21.2
6 10	18 51.64	− 1 28.5	2.731	3.631	8.5	21.1
6 20	18 44.63	− 1 54.6	2.672	3.621	6.7	20.9
6 30	18 36.88	− 2 34.9	2.641	3.611	5.7	20.9
7 10	18 29.04	− 3 28.4	2.638	3.600	6.1	20.9
7 20	18 21.70	− 4 32.8	2.662	3.589	7.8	21.0
7 30	18 15.45	− 5 45.2	2.713	3.577	9.8	21.1
8 9	18 10.74	− 7 2.5	2.788	3.565	11.8	21.2

356739 2011 UH_{202} 6 30.1 199°.03 0°.3/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 58.86	−23 11.1	2.463	3.353	9.7	21.7
6 10	18 52.80	−23 28.4	2.392	3.351	6.7	21.5
6 20	18 45.27	−23 46.5	2.347	3.349	3.5	21.3
6 30	18 36.90	−24 3.6	2.330	3.347	0.3	21.0
7 10	18 28.48	−24 18.4	2.342	3.344	3.5	21.3
7 20	18 20.78	−24 30.2	2.381	3.341	6.8	21.5
7 30	18 14.50	−24 39.1	2.446	3.338	9.7	21.7
8 9	18 10.13	−24 45.5	2.533	3.335	12.3	21.9

127154 2002 GM_{133} 6 30.1 232°.66 1°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.86	−26 38.7	1.810	2.709	12.2	20.1
6 10	18 55.32	−26 53.6	1.744	2.707	8.6	19.9
6 20	18 46.70	−27 6.3	1.703	2.704	4.6	19.6
6 30	18 36.91	−27 14.3	1.687	2.702	1.5	19.4
7 10	18 27.08	−27 15.8	1.698	2.700	4.7	19.6
7 20	18 18.34	−27 10.9	1.736	2.697	8.7	19.8
7 30	18 11.63	−27 0.8	1.797	2.695	12.3	20.1
8 9	18 7.55	−26 47.6	1.878	2.692	15.4	20.3

441971 2010 MT_{77} 6 30.1 273°.76 3°.8/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.31	−34 22.8	2.312	3.197	10.5	21.4
6 10	18 54.79	−34 47.2	2.233	3.182	7.8	21.2
6 20	18 46.41	−35 4.6	2.177	3.166	5.1	21.0
6 30	18 36.91	−35 11.8	2.149	3.151	3.9	20.9
7 10	18 27.29	−35 7.1	2.149	3.135	5.4	21.0
7 20	18 18.53	−34 50.6	2.175	3.120	8.2	21.1
7 30	18 11.51	−34 24.5	2.225	3.104	11.1	21.3
8 9	18 6.81	−33 51.8	2.297	3.088	13.7	21.4

498479 2008 CX_{78} 6 30.1 262°.40 1°.4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.41	−25 25.4	1.613	2.513	13.3	22.0
6 10	18 57.55	−25 51.1	1.530	2.493	9.5	21.7
6 20	18 48.09	−26 17.0	1.471	2.473	5.0	21.4
6 30	18 36.94	−26 39.2	1.437	2.452	1.4	21.1
7 10	18 25.40	−26 54.8	1.429	2.431	5.3	21.3
7 20	18 14.88	−27 2.6	1.447	2.409	10.0	21.6
7 30	18 6.64	−27 3.5	1.488	2.387	14.4	21.8
8 9	18 1.50	−26 59.9	1.548	2.365	18.1	22.0

405804 2006 BR_{48} 6 30.1 301°.78 0°.7/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 57.58	−20 6.9	2.152	3.047	10.7	21.0
6 10	18 52.17	−20 25.9	2.070	3.031	7.5	20.7
6 20	18 45.06	−20 48.8	2.013	3.014	4.0	20.5
6 30	18 36.91	−21 14.0	1.982	2.998	0.7	20.2
7 10	18 28.59	−21 39.8	1.979	2.982	3.9	20.4
7 20	18 20.95	−22 4.7	2.002	2.966	7.6	20.6
7 30	18 14.82	−22 27.9	2.051	2.950	11.0	20.8
8 9	18 10.80	−22 49.2	2.121	2.935	13.9	21.0

316530 2010 WK_{4} 6 30.1 12°.57 4°.9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.57	−30 35.3	1.200	2.114	15.8	19.7
6 10	18 56.67	−31 42.9	1.149	2.116	11.5	19.4
6 20	18 47.71	−32 45.5	1.120	2.118	7.1	19.2
6 30	18 36.94	−33 35.5	1.113	2.121	5.0	19.1
7 10	18 26.10	−34 7.5	1.129	2.124	7.8	19.3
7 20	18 16.91	−34 20.6	1.169	2.128	12.2	19.5
7 30	18 10.76	−34 17.6	1.228	2.133	16.3	19.8
8 9	18 8.35	−34 3.2	1.304	2.138	19.9	20.0

500168 2012 FY_{19} 6 30.1 180°.60 2°.0/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.14	−17 3.7	1.795	2.684	12.8	22.5
6 10	18 56.13	−17 11.2	1.730	2.686	9.1	22.2
6 20	18 47.11	−17 25.0	1.688	2.686	5.1	22.0
6 30	18 36.94	−17 43.8	1.673	2.687	2.1	21.8
7 10	18 26.72	−18 5.9	1.685	2.686	4.8	22.0
7 20	18 17.53	−18 29.8	1.724	2.685	8.8	22.2
7 30	18 10.28	−18 54.4	1.787	2.683	12.5	22.4
8 9	18 5.57	−19 19.2	1.870	2.681	15.6	22.7

79742 1998 SN_{142} 6 30.1 264°.41 0°.7/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.82	−20 6.3	1.940	2.835	11.7	19.4
6 10	18 53.83	−20 24.9	1.865	2.826	8.2	19.2
6 20	18 45.94	−20 47.6	1.815	2.817	4.3	18.9
6 30	18 36.93	−21 12.5	1.792	2.808	0.7	18.6
7 10	18 27.78	−21 37.6	1.796	2.799	4.2	18.9
7 20	18 19.47	−22 1.5	1.826	2.790	8.2	19.1
7 30	18 12.90	−22 23.5	1.881	2.781	11.8	19.3
8 9	18 8.68	−22 43.5	1.957	2.772	14.9	19.5

342399 2008 US_{52} 6 30.1 348°.23 2°.1/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.56	−26 39.9	1.584	2.490	13.2	20.5
6 10	18 54.69	−27 17.6	1.521	2.487	9.3	20.3
6 20	18 46.49	−27 54.4	1.482	2.484	5.1	20.1
6 30	18 36.93	−28 26.2	1.467	2.482	2.2	19.9
7 10	18 27.28	−28 49.8	1.479	2.480	5.3	20.1
7 20	18 18.79	−29 4.2	1.515	2.478	9.6	20.3
7 30	18 12.53	−29 10.1	1.574	2.477	13.5	20.5
8 9	18 9.18	−29 9.6	1.652	2.476	16.8	20.8

254409 2004 TN_{339} 6 30.1 215°.56 1°.7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 57.06	−17 8.2	2.815	3.697	8.9	21.1
6 10	18 51.39	−17 4.0	2.739	3.691	6.4	20.9
6 20	18 44.50	−17 3.5	2.688	3.685	3.6	20.7
6 30	18 36.93	−17 6.2	2.666	3.678	1.7	20.6
7 10	18 29.30	−17 11.7	2.672	3.672	3.4	20.7
7 20	18 22.26	−17 19.4	2.707	3.665	6.2	20.9
7 30	18 16.38	−17 29.0	2.768	3.657	8.8	21.0
8 9	18 12.09	−17 40.0	2.852	3.650	11.1	21.2

444967 2008 ER_{9} 6 30.1 229°.79 10°.3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 18.38	−45 37.1	1.402	2.265	17.1	21.6
6 10	19 8.15	−46 17.4	1.333	2.254	14.1	21.4
6 20	18 53.80	−46 34.4	1.284	2.243	11.5	21.2
6 30	18 36.99	−46 17.7	1.259	2.230	10.3	21.1
7 10	18 20.19	−45 23.7	1.257	2.216	11.6	21.1
7 20	18 5.78	−43 56.6	1.279	2.202	14.5	21.3
7 30	17 55.46	−42 7.4	1.321	2.187	18.0	21.4
8 9	17 49.93	−40 8.4	1.382	2.171	21.2	21.6

25518 Paulcitrin 6 30.1 213°.73 0°.7/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.67	−23 33.6	1.933	2.830	11.6	18.8
6 10	18 54.40	−24 4.4	1.866	2.828	8.1	18.6
6 20	18 46.23	−24 36.5	1.824	2.827	4.2	18.3
6 30	18 36.94	−25 7.2	1.809	2.825	0.7	18.1
7 10	18 27.57	−25 34.0	1.821	2.823	4.3	18.3
7 20	18 19.13	−25 55.6	1.859	2.821	8.2	18.6
7 30	18 12.51	−26 12.0	1.922	2.820	11.7	18.8
8 9	18 8.32	−26 24.1	2.006	2.817	14.7	19.0

192495 1998 HJ_{64} 6 30.1 89°.21 2°.0/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.70	−27 9.4	1.734	2.633	12.6	20.1
6 10	18 55.88	−27 38.7	1.682	2.644	8.8	19.9
6 20	18 46.97	−28 5.5	1.654	2.655	4.8	19.7
6 30	18 36.94	−28 26.4	1.652	2.666	2.0	19.6
7 10	18 27.01	−28 39.2	1.676	2.676	4.9	19.8
7 20	18 18.30	−28 43.7	1.727	2.687	8.9	20.0
7 30	18 11.74	−28 41.3	1.801	2.698	12.4	20.3
8 9	18 7.89	−28 34.0	1.895	2.708	15.4	20.5

508564 2016 WP_{28} 6 30.1 273°.50 3°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 56.91	−10 51.3	2.295	3.169	10.9	21.0
6 10	18 51.51	−10 47.5	2.218	3.160	8.2	20.8
6 20	18 44.65	−10 53.0	2.166	3.151	5.5	20.6
6 30	18 36.93	−11 7.8	2.140	3.142	3.9	20.5
7 10	18 29.11	−11 31.3	2.142	3.133	5.1	20.6
7 20	18 21.95	−12 2.1	2.171	3.123	7.8	20.7
7 30	18 16.13	−12 38.3	2.224	3.114	10.6	20.9
8 9	18 12.18	−13 18.0	2.299	3.105	13.2	21.0

479110 2013 AO_{168} 6 30.1 120°.16 2°.1/30.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.92	−17 19.4	2.297	3.183	10.5	21.6
6 10	18 52.79	−17 0.2	2.237	3.191	7.5	21.4
6 20	18 45.23	−16 44.9	2.201	3.198	4.3	21.2
6 30	18 36.93	−16 33.4	2.193	3.205	2.1	21.1
7 10	18 28.70	−16 25.8	2.213	3.212	4.1	21.2
7 20	18 21.29	−16 21.7	2.260	3.218	7.2	21.4
7 30	18 15.35	−16 21.2	2.333	3.225	10.1	21.6
8 9	18 11.33	−16 23.7	2.427	3.231	12.7	21.8

443012 2013 CE_{216} 6 30.1 229°.63 1°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.66	−28 16.9	2.287	3.178	10.3	21.3
6 10	18 54.14	−28 12.9	2.217	3.175	7.2	21.1
6 20	18 45.99	−28 5.1	2.171	3.171	3.9	20.9
6 30	18 36.94	−27 51.8	2.153	3.168	1.5	20.7
7 10	18 27.91	−27 32.6	2.164	3.164	4.0	20.8
7 20	18 19.78	−27 8.4	2.201	3.160	7.3	21.0
7 30	18 13.28	−26 40.7	2.265	3.156	10.4	21.2
8 9	18 8.94	−26 11.6	2.349	3.152	13.1	21.4

27247 1999 VA_{200} 6 30.1 343°.27 8°.4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 54.61	− 5 10.2	1.008	1.910	19.2	17.5
6 10	18 51.20	− 5 23.3	0.944	1.895	15.3	17.2
6 20	18 44.98	− 6 6.5	0.898	1.882	11.2	16.9
6 30	18 36.93	− 7 21.7	0.871	1.870	8.5	16.7
7 10	18 28.54	− 9 5.1	0.865	1.859	9.6	16.8
7 20	18 21.36	−11 8.3	0.880	1.851	13.5	16.9
7 30	18 16.84	−13 20.9	0.914	1.844	18.0	17.2
8 9	18 15.86	−15 32.7	0.965	1.839	22.2	17.4

158389 2001 XG_{264} 6 30.1 113°.75 5°.5/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.96	−35 31.0	1.919	2.801	12.4	20.7
6 10	18 58.95	−36 49.6	1.873	2.818	9.3	20.5
6 20	18 48.61	−37 59.2	1.852	2.834	6.5	20.4
6 30	18 36.97	−38 53.6	1.858	2.850	5.5	20.4
7 10	18 25.34	−39 29.1	1.891	2.865	7.2	20.5
7 20	18 14.97	−39 45.7	1.949	2.880	9.9	20.7
7 30	18 6.93	−39 46.0	2.032	2.894	12.7	20.9
8 9	18 1.82	−39 34.5	2.134	2.908	15.1	21.1

207978 1996 VH_{15} 6 30.1 281°.06 0°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.29	−22 35.9	2.057	2.953	11.0	21.1
6 10	18 53.33	−22 45.6	1.989	2.951	7.7	20.9
6 20	18 45.63	−22 56.6	1.946	2.948	4.0	20.7
6 30	18 36.95	−23 7.1	1.929	2.946	0.0	20.3
7 10	18 28.24	−23 16.0	1.940	2.943	3.9	20.6
7 20	18 20.40	−23 22.5	1.978	2.941	7.7	20.9
7 30	18 14.23	−23 27.0	2.040	2.939	11.1	21.1
8 9	18 10.28	−23 29.8	2.123	2.936	13.9	21.3

305499 2008 EJ_{87} 6 30.1 160°.46 4°.4/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.34	−36 26.2	2.283	3.163	10.7	20.5
6 10	18 55.43	−36 50.1	2.220	3.165	8.1	20.3
6 20	18 46.69	−37 5.0	2.182	3.166	5.6	20.1
6 30	18 36.97	−37 7.8	2.171	3.167	4.4	20.1
7 10	18 27.28	−36 57.1	2.187	3.168	5.8	20.2
7 20	18 18.62	−36 33.9	2.229	3.169	8.3	20.3
7 30	18 11.82	−36 0.7	2.296	3.170	11.0	20.5
8 9	18 7.41	−35 21.1	2.384	3.170	13.4	20.7

474213 2000 TT_{6} 6 30.1 265°.26 1°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.84	−19 31.5	2.389	3.277	10.0	22.1
6 10	18 52.92	−19 32.7	2.301	3.258	7.1	21.9
6 20	18 45.42	−19 36.9	2.238	3.238	3.8	21.7
6 30	18 36.96	−19 43.1	2.203	3.218	1.1	21.4
7 10	18 28.34	−19 50.4	2.196	3.198	3.7	21.6
7 20	18 20.35	−19 58.4	2.217	3.178	7.2	21.8
7 30	18 13.74	−20 6.8	2.263	3.157	10.3	21.9
8 9	18 9.06	−20 15.5	2.332	3.136	13.1	22.1

220295 2003 CU_{18} 6 30.1 64°.09 8°.6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 9.14	−42 39.1	1.490	2.368	15.5	19.6
6 10	19 0.86	−43 29.9	1.454	2.387	12.3	19.4
6 20	18 49.64	−44 1.6	1.439	2.406	9.7	19.3
6 30	18 36.99	−44 7.7	1.448	2.425	8.6	19.3
7 10	18 24.75	−43 46.7	1.481	2.444	9.8	19.4
7 20	18 14.56	−43 2.2	1.537	2.463	12.3	19.6
7 30	18 7.56	−42 1.0	1.614	2.483	15.1	19.9
8 9	18 4.22	−40 50.8	1.710	2.502	17.6	20.1

505913 2015 EU_{22} 6 30.1 16°.59 2°.5/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.97	−28 44.9	1.558	2.461	13.5	20.8
6 10	18 56.34	−29 0.2	1.499	2.462	9.6	20.6
6 20	18 47.32	−29 11.1	1.462	2.463	5.3	20.3
6 30	18 36.98	−29 14.0	1.450	2.463	2.5	20.1
7 10	18 26.66	−29 7.3	1.464	2.464	5.5	20.3
7 20	18 17.68	−28 51.8	1.503	2.466	9.7	20.6
7 30	18 11.09	−28 29.7	1.565	2.467	13.6	20.8
8 9	18 7.50	−28 4.2	1.646	2.468	16.9	21.0

336626 2009 VG_{63} 6 30.1 63°.83 2°.3/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.64	−18 38.8	1.578	2.477	13.6	20.0
6 10	18 55.10	−18 11.3	1.527	2.488	9.6	19.8
6 20	18 46.55	−17 48.0	1.499	2.499	5.4	19.6
6 30	18 36.97	−17 29.2	1.496	2.510	2.3	19.4
7 10	18 27.56	−17 14.8	1.519	2.521	5.1	19.6
7 20	18 19.41	−17 5.3	1.568	2.532	9.2	19.9
7 30	18 13.40	−17 0.4	1.640	2.543	13.0	20.2
8 9	18 10.04	−16 59.8	1.731	2.555	16.2	20.4

488986 2005 UG_{365} 6 30.1 316°.34 1°.8/29.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.86	−25 59.4	1.770	2.674	12.1	21.2
6 10	18 53.54	−26 37.8	1.684	2.649	8.6	20.9
6 20	18 45.99	−27 17.1	1.621	2.624	4.7	20.6
6 30	18 36.98	−27 53.7	1.584	2.599	1.8	20.4
7 10	18 27.60	−28 24.3	1.574	2.575	5.0	20.6
7 20	18 19.04	−28 46.9	1.588	2.551	9.3	20.8
7 30	18 12.40	−29 1.6	1.626	2.528	13.2	20.9
8 9	18 8.47	−29 9.6	1.683	2.505	16.6	21.1

314131 2005 EB_{179} 6 30.1 117°.87 2°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.64	−27 47.2	1.452	2.356	14.3	20.9
6 10	18 57.60	−28 0.8	1.395	2.359	10.1	20.6
6 20	18 48.01	−28 10.4	1.360	2.362	5.5	20.4
6 30	18 37.00	−28 12.6	1.350	2.364	2.2	20.2
7 10	18 26.05	−28 5.7	1.365	2.367	5.6	20.4
7 20	18 16.56	−27 50.4	1.405	2.369	10.1	20.7
7 30	18 9.64	−27 29.3	1.468	2.371	14.2	20.9
8 9	18 5.92	−27 5.5	1.549	2.374	17.7	21.2

425055 2009 QA_{40} 6 30.1 4°.76 5°.0/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.24	−33 8.5	1.310	2.217	15.2	21.1
6 10	18 56.96	−33 41.4	1.255	2.217	11.2	20.8
6 20	18 47.80	−34 5.1	1.222	2.217	7.1	20.6
6 30	18 37.00	−34 14.0	1.212	2.218	5.0	20.5
7 10	18 26.24	−34 5.4	1.225	2.219	7.4	20.6
7 20	18 17.12	−33 40.6	1.262	2.221	11.5	20.8
7 30	18 10.90	−33 4.1	1.320	2.224	15.5	21.1
8 9	18 8.22	−32 21.0	1.396	2.227	19.0	21.3

337191 1999 VZ_{182} 6 30.1 178°.43 7°.5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.23	− 3 24.6	2.134	2.980	12.7	20.8
6 10	18 53.78	− 2 13.7	2.071	2.981	10.4	20.6
6 20	18 45.81	− 1 15.7	2.031	2.982	8.4	20.5
6 30	18 36.99	− 0 33.7	2.018	2.982	7.5	20.4
7 10	18 28.17	− 0 9.6	2.030	2.982	8.3	20.5
7 20	18 20.17	− 0 3.1	2.068	2.982	10.3	20.6
7 30	18 13.69	− 0 12.6	2.130	2.981	12.6	20.8
8 9	18 9.22	− 0 34.9	2.211	2.980	14.8	20.9

65662 1986 QD_{1} 6 30.1 263°.04 3°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.45	−13 41.9	1.588	2.477	14.1	19.3
6 10	18 56.09	−13 52.7	1.504	2.458	10.4	19.0
6 20	18 47.33	−14 15.0	1.443	2.438	6.4	18.7
6 30	18 37.00	−14 48.1	1.407	2.418	3.5	18.5
7 10	18 26.28	−15 30.0	1.398	2.397	5.8	18.6
7 20	18 16.43	−16 17.8	1.414	2.376	10.2	18.8
7 30	18 8.63	−17 8.7	1.453	2.354	14.5	19.0
8 9	18 3.68	−18 0.5	1.511	2.333	18.2	19.2

396107 2013 CT_{147} 6 30.1 221°.84 1°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.49	−25 58.7	2.361	3.253	10.0	21.4
6 10	18 53.36	−26 17.0	2.289	3.249	7.0	21.2
6 20	18 45.63	−26 34.2	2.243	3.245	3.7	21.0
6 30	18 36.99	−26 48.1	2.225	3.240	1.1	20.8
7 10	18 28.29	−26 57.5	2.235	3.235	3.8	21.0
7 20	18 20.37	−27 1.8	2.272	3.231	7.1	21.2
7 30	18 13.97	−27 1.6	2.334	3.226	10.2	21.3
8 9	18 9.60	−26 58.0	2.419	3.221	12.8	21.5

190451 2000 AX_{146} 6 30.1 201°.52 6°.9/ 2.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.00	− 2 20.0	1.797	2.640	14.9	20.6
6 10	18 57.51	− 2 47.4	1.721	2.635	11.9	20.4
6 20	18 47.91	− 3 36.1	1.667	2.630	8.9	20.2
6 30	18 37.01	− 4 46.1	1.639	2.624	7.0	20.1
7 10	18 25.89	− 6 14.4	1.639	2.617	7.7	20.1
7 20	18 15.65	− 7 55.8	1.666	2.609	10.5	20.3
7 30	18 7.28	− 9 44.4	1.719	2.600	13.7	20.4
8 9	18 1.45	−11 34.4	1.793	2.590	16.7	20.6

234225 2000 SQ_{168} 6 30.1 235°.46 0°.6/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.27	−21 21.7	2.486	3.369	9.9	22.2
6 10	18 55.26	−21 17.3	2.396	3.351	7.0	21.9
6 20	18 46.62	−21 13.7	2.332	3.332	3.7	21.7
6 30	18 37.01	−21 10.0	2.296	3.312	0.6	21.4
7 10	18 27.23	−21 5.6	2.290	3.292	3.6	21.6
7 20	18 18.11	−21 0.4	2.312	3.270	7.1	21.8
7 30	18 10.43	−20 54.9	2.361	3.248	10.2	22.0
8 9	18 4.73	−20 49.7	2.432	3.224	13.0	22.1

441978 2010 MC_{111} 6 30.1 300°.13 9°.2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 56.16	+ 3 1.9	2.124	2.947	13.6	21.2
6 10	18 51.12	+ 3 41.2	2.047	2.931	11.7	21.0
6 20	18 44.52	+ 4 2.0	1.991	2.916	10.0	20.9
6 30	18 36.99	+ 4 1.4	1.958	2.900	9.2	20.8
7 10	18 29.30	+ 3 38.5	1.950	2.885	9.7	20.8
7 20	18 22.26	+ 2 54.7	1.965	2.869	11.2	20.9
7 30	18 16.61	+ 1 53.3	2.003	2.854	13.3	21.0
8 9	18 12.90	+ 0 39.1	2.061	2.839	15.4	21.1

114431 2003 AE_{6} 6 30.1 85°.54 3°.9/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.12	−33 24.9	1.609	2.503	13.7	19.0
6 10	18 58.40	−33 25.5	1.555	2.511	9.9	18.8
6 20	18 48.31	−33 15.9	1.525	2.519	6.1	18.6
6 30	18 37.02	−32 53.1	1.520	2.528	3.9	18.5
7 10	18 25.98	−32 16.8	1.541	2.536	6.0	18.6
7 20	18 16.49	−31 29.6	1.587	2.544	9.8	18.9
7 30	18 9.57	−30 36.0	1.657	2.552	13.4	19.1
8 9	18 5.71	−29 40.6	1.747	2.560	16.5	19.3

261403 2005 UT_{455} 6 30.1 171°.70 0°.1/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.41	−23 22.3	2.383	3.274	9.9	20.7
6 10	18 53.18	−23 12.1	2.315	3.275	6.9	20.5
6 20	18 45.48	−23 1.4	2.274	3.275	3.6	20.3
6 30	18 37.00	−22 49.6	2.260	3.276	0.1	20.0
7 10	18 28.55	−22 36.3	2.274	3.277	3.5	20.3
7 20	18 20.91	−22 22.0	2.316	3.277	6.9	20.5
7 30	18 14.76	−22 7.3	2.384	3.278	9.9	20.7
8 9	18 10.56	−21 53.1	2.473	3.278	12.4	20.9

512643 2016 TB_{54} 6 30.1 181°.65 3°.4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.89	−34 59.1	2.731	3.609	9.3	21.8
6 10	18 54.20	−35 16.3	2.664	3.610	6.8	21.6
6 20	18 46.01	−35 26.5	2.623	3.610	4.5	21.5
6 30	18 37.01	−35 27.4	2.610	3.610	3.4	21.4
7 10	18 28.04	−35 18.1	2.625	3.609	4.7	21.5
7 20	18 19.89	−34 59.0	2.667	3.609	7.1	21.6
7 30	18 13.25	−34 32.1	2.735	3.608	9.5	21.8
8 9	18 8.59	−33 59.8	2.825	3.607	11.6	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
152032 2004 NW_{23}			6 30.1 16°.49	2°.8/30.3 18		
	h m	° ′			°	m
5 31	19 4.45	−31 45.9	1.262	2.171	15.6	18.6
6 10	18 57.57	−31 7.6	1.210	2.175	11.2	18.4
6 20	18 47.97	−30 17.5	1.179	2.180	6.3	18.1
6 30	18 37.03	−29 14.6	1.172	2.186	2.8	17.9
7 10	18 26.43	−28 1.3	1.190	2.193	6.0	18.2
7 20	18 17.67	−26 42.6	1.232	2.200	10.7	18.4
7 30	18 11.81	−25 24.4	1.296	2.209	15.0	18.7
8 9	18 9.35	−24 11.4	1.378	2.218	18.7	19.0
320264 2007 RD_{7}			6 30.1 281°.10	5°.5/29.3 17		
5 31	19 6.20	−33 38.4	1.398	2.299	14.9	20.1
6 10	18 59.35	−34 23.5	1.321	2.278	11.2	19.8
6 20	18 49.27	−35 0.9	1.264	2.257	7.4	19.5
6 30	18 37.04	−35 23.5	1.232	2.236	5.5	19.3
7 10	18 24.36	−35 26.6	1.224	2.215	8.0	19.4
7 20	18 13.02	−35 9.9	1.240	2.193	12.2	19.6
7 30	18 4.59	−34 37.3	1.277	2.172	16.5	19.8
8 9	18 0.00	−33 55.0	1.331	2.150	20.3	20.0
337134 1999 TF_{143}			6 30.1 229°.13	6°.7/28.6 18		
5 31	19 6.68	−41 45.0	2.218	3.082	11.6	21.5
6 10	18 58.85	−42 38.4	2.146	3.072	9.3	21.3
6 20	18 48.66	−43 19.8	2.098	3.061	7.4	21.2
6 30	18 37.04	−43 43.9	2.077	3.050	6.7	21.1
7 10	18 25.24	−43 47.8	2.082	3.038	7.9	21.2
7 20	18 14.52	−43 31.7	2.112	3.026	10.1	21.3
7 30	18 6.00	−42 59.1	2.166	3.013	12.6	21.4
8 9	18 0.35	−42 15.1	2.239	3.000	14.9	21.6
304570 2006 VF_{26}			6 30.1 30°.03	4°.2/29.1 18		
5 31	19 1.22	−32 48.6	1.956	2.850	11.7	19.9
6 10	18 54.92	−33 43.1	1.898	2.853	8.5	19.8
6 20	18 46.56	−34 31.8	1.864	2.856	5.6	19.6
6 30	18 37.02	−35 10.0	1.857	2.859	4.2	19.5
7 10	18 27.42	−35 34.7	1.876	2.863	6.0	19.6
7 20	18 18.86	−35 45.5	1.921	2.867	9.1	19.8
7 30	18 12.31	−35 44.0	1.989	2.870	12.1	20.0
8 9	18 8.36	−35 33.3	2.077	2.875	14.7	20.2
119040 2001 FH_{105}			6 30.1 240°.29	7°.7/28.5 18		
5 31	19 7.77	−50 23.5	2.804	3.626	10.7	20.1
6 10	18 59.39	−51 3.7	2.732	3.613	9.2	20.0
6 20	18 48.84	−51 28.7	2.683	3.600	8.1	19.9
6 30	18 37.05	−51 33.9	2.659	3.586	7.7	19.8
7 10	18 25.21	−51 17.5	2.661	3.572	8.4	19.9
7 20	18 14.49	−50 40.7	2.688	3.558	9.7	19.9
7 30	18 5.90	−49 46.8	2.738	3.544	11.4	20.0
8 9	18 0.02	−48 41.1	2.808	3.529	13.0	20.1
475233 2005 VW_{132}			6 30.1 214°.99	4°.0/ 1.0 18		
5 31	18 56.90	− 9 6.0	2.691	3.553	9.9	21.9
6 10	18 51.34	− 8 59.3	2.615	3.547	7.5	21.8
6 20	18 44.53	− 9 1.5	2.563	3.541	5.3	21.6
6 30	18 37.01	− 9 12.7	2.540	3.535	4.0	21.5
7 10	18 29.43	− 9 32.5	2.544	3.528	4.9	21.6
7 20	18 22.42	− 9 59.8	2.576	3.521	7.1	21.7
7 30	18 16.56	−10 33.0	2.633	3.513	9.5	21.9
8 9	18 12.30	−11 10.2	2.713	3.506	11.8	22.0
506742 2006 VG_{60}			6 30.1 305°.81	1°.2/29.9 17		
5 31	19 1.24	−24 1.5	1.321	2.234	14.8	21.6
6 10	18 55.77	−24 32.5	1.241	2.210	10.5	21.3
6 20	18 47.39	−25 6.7	1.183	2.187	5.6	20.9
6 30	18 37.05	−25 39.9	1.148	2.164	1.2	20.5
7 10	18 26.21	−26 8.2	1.137	2.141	5.8	20.8
7 20	18 16.46	−26 29.2	1.149	2.118	11.2	21.0
7 30	18 9.26	−26 43.1	1.183	2.097	16.2	21.2
8 9	18 5.58	−26 51.2	1.234	2.075	20.4	21.5
399066 2014 BK_{23}			6 30.1 176°.67	4°.2/29.6 18		
5 31	19 5.01	−35 50.5	2.264	3.142	10.9	21.0
6 10	18 57.31	−36 11.2	2.199	3.144	8.1	20.9
6 20	18 47.69	−36 22.8	2.160	3.145	5.5	20.7
6 30	18 37.06	−36 22.1	2.148	3.146	4.2	20.6
7 10	18 26.47	−36 7.9	2.163	3.146	5.7	20.7
7 20	18 16.97	−35 41.3	2.206	3.146	8.4	20.9
7 30	18 9.41	−35 5.0	2.273	3.146	11.1	21.1
8 9	18 4.33	−34 22.9	2.362	3.145	13.6	21.2
269981 2000 TD_{60}			6 30.1 295°.75	4°.0/28.8 18		
5 31	19 3.03	−28 41.7	1.607	2.508	13.3	19.7
6 10	18 56.87	−30 6.1	1.524	2.485	9.6	19.4
6 20	18 47.94	−31 32.1	1.464	2.462	5.8	19.1
6 30	18 37.06	−32 52.6	1.430	2.438	4.0	19.0
7 10	18 25.56	−34 0.9	1.423	2.415	6.8	19.1
7 20	18 14.92	−34 52.9	1.440	2.392	11.0	19.3
7 30	18 6.57	−35 28.3	1.481	2.369	15.1	19.5
8 9	18 1.48	−35 49.7	1.539	2.346	18.6	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
422996 2003 SS_{177}			6 30.1 284°.74	5°.4/29.7 17		
	h m	° ′			°	m
5 31	19 6.06	−34 34.2	1.399	2.299	15.0	20.5
6 10	18 59.00	−35 3.3	1.334	2.290	11.2	20.2
6 20	18 48.93	−35 21.7	1.290	2.282	7.4	20.0
6 30	18 37.07	−35 23.7	1.270	2.274	5.4	19.8
7 10	18 25.10	−35 6.4	1.275	2.266	7.6	20.0
7 20	18 14.72	−34 31.5	1.303	2.258	11.7	20.2
7 30	18 7.26	−33 43.8	1.353	2.250	15.7	20.4
8 9	18 3.45	−32 49.5	1.421	2.242	19.2	20.6
188798 2005 WV_{33}			6 30.1 332°.31	2°.6/29.4 18		
5 31	18 59.32	−28 34.4	2.046	2.944	11.0	19.9
6 10	18 53.54	−29 22.4	1.978	2.939	7.8	19.7
6 20	18 45.86	−30 8.5	1.935	2.933	4.5	19.5
6 30	18 37.05	−30 49.0	1.918	2.929	2.6	19.3
7 10	18 28.11	−31 20.8	1.928	2.924	4.9	19.5
7 20	18 20.03	−31 42.7	1.965	2.920	8.3	19.7
7 30	18 13.71	−31 55.2	2.026	2.916	11.5	19.9
8 9	18 9.77	−32 0.0	2.107	2.912	14.3	20.0
270350 2001 YX_{4}			6 30.1 192°.93	7°.4/27.4 18		
5 31	19 8.20	−39 42.2	1.965	2.837	12.6	20.3
6 10	19 0.26	−41 26.4	1.905	2.836	10.0	20.1
6 20	18 49.57	−43 0.4	1.870	2.835	7.9	20.0
6 30	18 37.09	−44 16.1	1.861	2.833	7.4	19.9
7 10	18 24.22	−45 8.4	1.879	2.831	8.9	20.0
7 20	18 12.45	−45 35.9	1.921	2.828	11.3	20.2
7 30	18 3.09	−45 41.8	1.987	2.825	13.9	20.3
8 9	17 56.98	−45 31.3	2.071	2.822	16.2	20.5
178342 1995 UD_{38}			6 30.1 55°.01	5°.6/29.3 17		
5 31	19 5.35	−33 54.7	1.376	2.278	15.0	20.5
6 10	18 58.37	−34 45.4	1.327	2.285	11.1	20.3
6 20	18 48.52	−35 26.5	1.299	2.292	7.3	20.1
6 30	18 37.08	−35 51.6	1.296	2.299	5.6	20.0
7 10	18 25.73	−35 57.4	1.317	2.306	7.7	20.2
7 20	18 16.05	−35 44.8	1.361	2.313	11.5	20.4
7 30	18 9.27	−35 18.1	1.427	2.321	15.2	20.6
8 9	18 6.02	−34 42.6	1.511	2.329	18.4	20.9
111885 2002 EO_{139}			6 30.1 308°.82	2°.9/29.5 18		
5 31	18 57.41	−32 49.9	2.761	3.647	8.9	19.0
6 10	18 51.89	−33 12.2	2.679	3.631	6.5	18.8
6 20	18 44.91	−33 29.7	2.623	3.615	4.1	18.7
6 30	18 37.07	−33 40.0	2.594	3.599	2.9	18.6
7 10	18 29.12	−33 41.7	2.593	3.583	4.4	18.6
7 20	18 21.82	−33 34.9	2.620	3.567	6.9	18.8
7 30	18 15.87	−33 20.4	2.671	3.552	9.4	18.9
8 9	18 11.76	−33 0.4	2.745	3.536	11.7	19.0
512611 2016 TK_{16}			6 30.1 133°.56	3°.5/29.2 18		
5 31	19 1.00	−34 5.9	2.730	3.609	9.2	21.5
6 10	18 54.31	−34 47.5	2.673	3.619	6.8	21.3
6 20	18 46.11	−35 23.1	2.642	3.629	4.5	21.2
6 30	18 37.09	−35 49.7	2.640	3.639	3.5	21.2
7 10	18 28.07	−36 5.8	2.666	3.648	4.8	21.3
7 20	18 19.85	−36 11.0	2.719	3.657	7.1	21.4
7 30	18 13.13	−36 6.8	2.798	3.665	9.4	21.6
8 9	18 8.37	−35 55.4	2.898	3.673	11.5	21.7
518392 2017 TS_{10}			6 30.1 343°.49	2°.7/30.2 17		
5 31	19 0.54	−19 12.6	1.194	2.108	15.9	20.1
6 10	18 55.04	−18 37.3	1.134	2.102	11.4	19.8
6 20	18 46.85	−18 6.0	1.094	2.096	6.4	19.5
6 30	18 37.10	−17 39.6	1.077	2.091	2.7	19.2
7 10	18 27.30	−17 18.8	1.083	2.087	6.2	19.5
7 20	18 18.93	−17 4.4	1.113	2.083	11.3	19.7
7 30	18 13.20	−16 56.7	1.162	2.081	16.0	20.0
8 9	18 10.78	−16 55.0	1.229	2.079	19.9	20.2
261412 2005 UY_{482}			6 30.1 210°.11	4°.9/30.9 18		
5 31	18 57.08	− 7 57.6	2.327	3.191	11.2	20.5
6 10	18 51.59	− 7 36.4	2.259	3.190	8.6	20.4
6 20	18 44.72	− 7 25.6	2.215	3.189	6.2	20.2
6 30	18 37.08	− 7 26.1	2.197	3.187	5.0	20.1
7 10	18 29.41	− 7 37.9	2.206	3.186	5.9	20.2
7 20	18 22.43	− 7 59.7	2.242	3.185	8.1	20.3
7 30	18 16.79	− 8 29.8	2.302	3.183	10.7	20.5
8 9	18 12.94	− 9 5.9	2.384	3.181	13.1	20.7
64644 2001 XE_{53}			6 30.1 323°.96	1°.9/29.6 18		
5 31	19 0.09	−26 19.0	2.034	2.931	11.1	19.4
6 10	18 54.06	−27 8.9	1.967	2.929	7.8	19.2
6 20	18 46.14	−27 58.6	1.926	2.927	4.3	18.9
6 30	18 37.10	−28 44.4	1.911	2.925	1.9	18.8
7 10	18 27.93	−29 23.2	1.924	2.923	4.6	18.9
7 20	18 19.63	−29 53.5	1.963	2.921	8.1	19.2
7 30	18 13.08	−30 15.1	2.027	2.919	11.4	19.4
8 9	18 8.90	−30 29.5	2.112	2.918	14.2	19.6

392294 2010 CL_{78} 6 30.1 232°.55 2°.1/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.78	−16 42.3	2.159	3.043	11.1	22.1
6 10	18 54.38	−16 44.2	2.078	3.031	8.0	21.9
6 20	18 46.26	−16 51.6	2.022	3.019	4.6	21.6
6 30	18 37.10	−17 3.6	1.993	3.006	2.1	21.4
7 10	18 27.79	−17 19.3	1.992	2.992	4.3	21.6
7 20	18 19.21	−17 37.6	2.019	2.978	7.8	21.8
7 30	18 12.18	−17 57.7	2.071	2.964	11.2	21.9
8 9	18 7.28	−18 18.8	2.144	2.949	14.1	22.1

147540 2004 EC_{28} 6 30.1 333°.35 1°.1/30.0 17

5 31	18 58.96	−24 45.3	1.167	2.088	15.6	19.5
6 10	18 54.25	−24 57.5	1.100	2.072	11.1	19.2
6 20	18 46.60	−25 10.4	1.052	2.057	5.8	18.8
6 30	18 37.11	−25 20.4	1.027	2.043	1.1	18.5
7 10	18 27.35	−25 25.2	1.025	2.030	5.9	18.8
7 20	18 18.95	−25 24.0	1.045	2.018	11.5	19.0
7 30	18 13.32	−25 18.1	1.084	2.008	16.4	19.3
8 9	18 11.28	−25 9.2	1.141	1.998	20.7	19.5

64427 2001 VR_{8} 6 30.1 89°.39 1°.9/29.8 17

5 31	19 5.24	−25 6.5	1.318	2.225	15.2	18.8
6 10	18 58.18	−25 55.3	1.270	2.236	10.6	18.5
6 20	18 48.41	−26 44.4	1.244	2.247	5.6	18.3
6 30	18 37.13	−27 28.3	1.243	2.258	1.9	18.1
7 10	18 25.93	−28 2.8	1.266	2.268	5.8	18.4
7 20	18 16.30	−28 26.4	1.314	2.279	10.6	18.7
7 30	18 9.42	−28 40.2	1.384	2.289	14.8	18.9
8 9	18 5.92	−28 46.7	1.473	2.300	18.3	19.2

101775 1999 GT 6 30.1 97°.93 2°.2/30.4 17

5 31	19 2.66	−17 23.3	1.753	2.644	12.9	20.1
6 10	18 55.67	−17 18.1	1.706	2.663	9.1	19.9
6 20	18 46.85	−17 18.5	1.682	2.681	5.1	19.7
6 30	18 37.12	−17 23.6	1.685	2.698	2.2	19.5
7 10	18 27.57	−17 32.3	1.715	2.716	4.7	19.7
7 20	18 19.19	−17 43.8	1.771	2.733	8.5	20.0
7 30	18 12.79	−17 57.3	1.851	2.750	12.0	20.3
8 9	18 8.87	−18 12.2	1.952	2.766	14.9	20.5

150651 2001 DR_{94} 6 30.1 167°.91 0°.5/30.2 18

5 31	18 58.01	−21 7.6	2.744	3.630	8.9	20.8
6 10	18 52.12	−21 13.2	2.676	3.633	6.2	20.6
6 20	18 44.95	−21 20.4	2.635	3.636	3.3	20.4
6 30	18 37.11	−21 28.1	2.621	3.638	0.5	20.2
7 10	18 29.26	−21 35.5	2.637	3.640	3.1	20.4
7 20	18 22.06	−21 42.1	2.681	3.641	6.1	20.6
7 30	18 16.11	−21 48.0	2.751	3.643	8.8	20.8
8 9	18 11.84	−21 53.1	2.845	3.644	11.1	21.0

215820 2004 XX_{35} 6 30.1 265°.08 6°.8/30.9 17

5 31	18 59.36	− 5 21.0	1.948	2.808	13.2	20.8
6 10	18 53.53	− 4 49.1	1.866	2.791	10.6	20.6
6 20	18 45.88	− 4 31.0	1.807	2.773	8.1	20.4
6 30	18 37.12	− 4 28.9	1.772	2.754	6.8	20.3
7 10	18 28.14	− 4 43.1	1.763	2.736	7.7	20.3
7 20	18 19.88	− 5 12.8	1.780	2.717	10.3	20.4
7 30	18 13.20	− 5 55.3	1.820	2.698	13.2	20.5
8 9	18 8.72	− 6 47.0	1.880	2.678	16.0	20.7

79705 1998 SE_{93} 6 30.1 242°.85 0°.1/30.1 18

5 31	19 3.26	−22 57.8	1.822	2.717	12.3	20.6
6 10	18 56.44	−23 6.8	1.743	2.704	8.7	20.4
6 20	18 47.46	−23 16.9	1.688	2.690	4.5	20.1
6 30	18 37.14	−23 26.0	1.659	2.676	0.1	19.7
7 10	18 26.62	−23 32.3	1.658	2.661	4.5	20.0
7 20	18 17.04	−23 35.3	1.683	2.646	8.8	20.2
7 30	18 9.44	−23 35.7	1.733	2.630	12.7	20.4
8 9	18 4.48	−23 34.5	1.802	2.614	16.1	20.6

379663 2011 EF_{68} 6 30.1 68°.60 3°.8/30.9 17

5 31	19 1.59	−13 16.6	1.563	2.454	14.2	20.7
6 10	18 55.03	−13 15.0	1.523	2.476	10.3	20.5
6 20	18 46.55	−13 24.0	1.505	2.498	6.4	20.4
6 30	18 37.13	−13 42.8	1.512	2.520	3.8	20.3
7 10	18 27.93	−14 9.5	1.544	2.542	5.7	20.4
7 20	18 20.00	−14 42.0	1.603	2.564	9.3	20.7
7 30	18 14.16	−15 17.9	1.684	2.586	12.8	21.0
8 9	18 10.89	−15 55.2	1.786	2.608	15.8	21.2

507569 2013 AC_{99} 6 30.1 122°.82 2°.3/29.6 17

5 31	19 1.04	−29 11.4	2.483	3.371	9.7	21.7
6 10	18 54.37	−29 48.7	2.428	3.384	6.9	21.6
6 20	18 46.16	−30 22.7	2.399	3.396	4.0	21.4
6 30	18 37.13	−30 50.5	2.398	3.408	2.3	21.3
7 10	18 28.13	−31 10.5	2.425	3.420	4.2	21.5
7 20	18 19.96	−31 22.2	2.480	3.431	7.0	21.7
7 30	18 13.35	−31 26.4	2.561	3.443	9.7	21.9
8 9	18 8.76	−31 24.8	2.664	3.453	12.0	22.0

505491 2013 WH_{37} 6 30.1 164°.90 1°.0/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.93	−21 41.0	2.049	2.938	11.4	21.8
6 10	18 55.78	−21 14.9	1.984	2.942	8.0	21.6
6 20	18 46.91	−20 48.9	1.944	2.945	4.2	21.4
6 30	18 37.14	−20 23.0	1.932	2.948	1.0	21.1
7 10	18 27.45	−19 57.5	1.949	2.951	4.1	21.4
7 20	18 18.75	−19 33.2	1.992	2.953	7.8	21.6
7 30	18 11.85	−19 11.3	2.061	2.954	11.2	21.8
8 9	18 7.23	−18 52.4	2.151	2.956	14.1	22.0

120792 1998 FE_{35} 6 30.1 206°.58 1°.9/30.5 18

5 31	19 1.30	−16 48.8	2.385	3.265	10.4	20.8
6 10	18 54.58	−16 47.9	2.307	3.258	7.4	20.6
6 20	18 46.31	−16 51.5	2.255	3.251	4.2	20.4
6 30	18 37.14	−16 59.0	2.231	3.243	1.9	20.2
7 10	18 27.87	−17 9.6	2.235	3.234	4.0	20.4
7 20	18 19.31	−17 22.6	2.268	3.225	7.2	20.5
7 30	18 12.19	−17 37.3	2.326	3.215	10.3	20.7
8 9	18 7.03	−17 53.3	2.407	3.204	13.0	20.9

254294 2004 RB_{267} 6 30.1 103°.38 4°.3/30.9 18

5 31	18 57.00	− 9 50.9	2.328	3.199	10.9	20.4
6 10	18 51.53	− 9 36.4	2.263	3.201	8.3	20.3
6 20	18 44.70	− 9 31.2	2.223	3.204	5.7	20.1
6 30	18 37.12	− 9 36.0	2.209	3.206	4.3	20.0
7 10	18 29.53	− 9 50.2	2.223	3.209	5.3	20.1
7 20	18 22.66	−10 12.5	2.263	3.212	7.7	20.3
7 30	18 17.13	−10 41.5	2.328	3.214	10.4	20.4
8 9	18 13.40	−11 15.1	2.415	3.217	12.8	20.6

508841 2002 BO_{18} 6 30.1 217°.65 6°.3/ 2.3 18

5 31	19 1.21	− 1 44.6	2.293	3.126	12.4	21.8
6 10	18 54.58	− 2 1.0	2.210	3.116	10.0	21.6
6 20	18 46.35	− 2 34.1	2.152	3.106	7.7	21.5
6 30	18 37.15	− 3 24.6	2.120	3.096	6.4	21.4
7 10	18 27.77	− 4 30.6	2.116	3.084	6.9	21.4
7 20	18 19.03	− 5 49.2	2.139	3.072	9.0	21.5
7 30	18 11.69	− 7 16.2	2.189	3.060	11.6	21.6
8 9	18 6.30	− 8 47.3	2.262	3.046	14.0	21.8

166982 2003 OT_{21} 6 30.1 27°.79 2°.1/30.4 17

5 31	19 0.28	−18 33.4	1.009	1.931	17.4	19.9
6 10	18 54.98	−18 36.2	0.968	1.940	12.3	19.6
6 20	18 46.83	−18 47.5	0.946	1.950	6.7	19.3
6 30	18 37.15	−19 5.4	0.946	1.961	2.1	19.1
7 10	18 27.66	−19 27.3	0.968	1.973	6.2	19.4
7 20	18 19.92	−19 50.9	1.011	1.986	11.5	19.7
7 30	18 15.11	−20 14.9	1.074	2.000	16.3	20.0
8 9	18 13.80	−20 37.9	1.155	2.015	20.2	20.3

214903 2007 TE_{136} 6 30.1 143°.01 4°.1/30.7 17

5 31	19 3.07	−13 18.9	1.587	2.474	14.2	20.6
6 10	18 56.21	−13 1.6	1.530	2.481	10.5	20.4
6 20	18 47.26	−12 54.2	1.495	2.487	6.6	20.2
6 30	18 37.16	−12 56.8	1.486	2.493	4.2	20.0
7 10	18 27.12	−13 8.8	1.503	2.499	6.1	20.1
7 20	18 18.25	−13 28.7	1.545	2.504	9.8	20.4
7 30	18 11.50	−13 54.7	1.611	2.509	13.5	20.6
8 9	18 7.44	−14 24.7	1.696	2.513	16.7	20.8

176317 2001 SF_{197} 6 30.1 307°.87 1°.0/29.9 18

5 31	18 59.84	−25 9.1	1.826	2.727	12.0	20.7
6 10	18 54.05	−25 21.5	1.750	2.714	8.4	20.5
6 20	18 46.22	−25 33.5	1.699	2.701	4.4	20.2
6 30	18 37.16	−25 42.6	1.673	2.689	1.0	19.9
7 10	18 27.96	−25 47.3	1.674	2.677	4.5	20.1
7 20	18 19.68	−25 47.0	1.700	2.665	8.6	20.4
7 30	18 13.31	−25 42.7	1.751	2.653	12.4	20.6
8 9	18 9.49	−25 35.6	1.821	2.642	15.6	20.8

522649 2016 GN_{262} 6 30.1 101°.26 3°.2/29.9 17

5 31	19 6.51	−30 14.2	1.438	2.339	14.6	20.9
6 10	18 58.92	−30 32.6	1.388	2.349	10.4	20.6
6 20	18 48.74	−30 44.2	1.360	2.359	6.0	20.4
6 30	18 37.19	−30 45.1	1.357	2.369	3.2	20.3
7 10	18 25.84	−30 33.5	1.380	2.378	6.0	20.5
7 20	18 16.10	−30 11.0	1.427	2.387	10.3	20.7
7 30	18 9.08	−29 41.0	1.497	2.397	14.2	21.0
8 9	18 5.35	−29 7.6	1.585	2.405	17.6	21.2

344678 2003 SC_{205} 6 30.1 335°.77 12°.0/30.3 16

5 31	18 54.39	− 1 9.4	1.245	2.122	18.0	19.4
6 10	18 50.74	+ 0 13.2	1.174	2.099	15.3	19.2
6 20	18 44.71	+ 1 14.2	1.121	2.076	13.0	19.0
6 30	18 37.15	+ 1 46.7	1.088	2.055	12.0	18.9
7 10	18 29.27	+ 1 46.6	1.076	2.036	13.0	18.9
7 20	18 22.37	+ 1 14.2	1.083	2.018	15.5	18.9
7 30	18 17.63	+ 0 13.9	1.109	2.001	18.7	19.1
8 9	18 15.89	− 1 6.7	1.150	1.987	21.8	19.3

338605 2003 SO_{187} 6 30.1 14°.07 6°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.35	−36 41.2	1.552	2.447	14.0	20.1
6 10	18 56.92	−37 39.9	1.498	2.449	10.7	19.9
6 20	18 47.82	−38 27.7	1.467	2.451	7.7	19.7
6 30	18 37.18	−38 58.3	1.460	2.454	6.5	19.7
7 10	18 26.52	−39 8.3	1.478	2.457	8.2	19.8
7 20	18 17.31	−38 58.2	1.519	2.461	11.3	20.0
7 30	18 10.75	−38 31.9	1.581	2.465	14.6	20.2
8 9	18 7.50	−37 54.7	1.663	2.469	17.4	20.4

387107 2012 TC_{150} 6 30.1 213°.02 0°.8/30.2 18

5 31	19 0.60	−21 3.2	1.989	2.883	11.5	21.0
6 10	18 54.31	−20 59.5	1.920	2.880	8.1	20.8
6 20	18 46.24	−20 57.8	1.877	2.878	4.2	20.5
6 30	18 37.17	−20 57.1	1.860	2.876	0.8	20.3
7 10	18 28.08	−20 56.4	1.870	2.873	4.1	20.5
7 20	18 19.90	−20 55.7	1.907	2.871	7.9	20.8
7 30	18 13.46	−20 55.0	1.969	2.868	11.4	21.0
8 9	18 9.31	−20 54.9	2.052	2.865	14.4	21.2

333299 2000 SV_{131} 6 30.1 274°.82 2°.1/30.1 17

5 31	19 2.21	−19 38.8	1.691	2.588	13.0	20.2
6 10	18 55.65	−18 59.5	1.621	2.581	9.3	19.9
6 20	18 47.01	−18 21.9	1.574	2.574	5.2	19.7
6 30	18 37.18	−17 46.6	1.553	2.567	2.1	19.5
7 10	18 27.33	−17 14.8	1.559	2.560	5.1	19.6
7 20	18 18.56	−16 47.4	1.590	2.553	9.3	19.9
7 30	18 11.83	−16 25.7	1.645	2.546	13.1	20.1
8 9	18 7.73	−16 9.8	1.720	2.539	16.5	20.3

439373 2013 AS_{12} 6 30.1 111°.79 1°.0/30.1 17

5 31	19 2.05	−27 21.8	2.166	3.058	10.8	20.5
6 10	18 55.14	−27 0.4	2.103	3.062	7.5	20.3
6 20	18 46.58	−26 35.0	2.065	3.066	4.0	20.1
6 30	18 37.18	−26 4.8	2.054	3.070	1.0	19.8
7 10	18 27.90	−25 30.1	2.071	3.074	3.9	20.1
7 20	18 19.64	−24 52.3	2.117	3.077	7.4	20.3
7 30	18 13.12	−24 13.6	2.187	3.081	10.6	20.5
8 9	18 8.84	−23 36.0	2.280	3.085	13.3	20.7

220734 2004 TM_{15} 6 30.1 300°.31 6°.7/27.8 18

5 31	19 3.22	−40 4.1	2.157	3.031	11.5	19.9
6 10	18 56.73	−41 16.0	2.070	3.003	9.2	19.7
6 20	18 47.79	−42 19.3	2.008	2.975	7.3	19.5
6 30	18 37.20	−43 7.8	1.971	2.947	6.8	19.4
7 10	18 26.13	−43 37.3	1.960	2.919	8.1	19.5
7 20	18 15.86	−43 46.3	1.975	2.891	10.6	19.6
7 30	18 7.60	−43 36.9	2.012	2.863	13.2	19.7
8 9	18 2.19	−43 13.3	2.068	2.835	15.7	19.8

369988 1998 SO_{105} 6 30.1 231°.85 2°.9/29.6 18

5 31	19 5.41	−30 19.6	2.101	2.987	11.3	22.1
6 10	18 57.89	−30 52.2	2.019	2.973	8.1	21.9
6 20	18 48.23	−31 20.6	1.961	2.957	4.8	21.6
6 30	18 37.22	−31 41.1	1.932	2.941	2.9	21.5
7 10	18 25.98	−31 51.0	1.930	2.924	5.2	21.6
7 20	18 15.62	−31 49.9	1.955	2.906	8.6	21.8
7 30	18 7.17	−31 39.5	2.006	2.887	12.0	21.9
8 9	18 1.31	−31 22.6	2.077	2.868	14.9	22.1

171755 2000 YR_{43} 6 30.1 215°.13 0°.6/30.2 17

5 31	19 4.26	−21 19.3	1.834	2.725	12.4	21.3
6 10	18 57.08	−21 23.6	1.759	2.718	8.7	21.1
6 20	18 47.78	−21 30.1	1.708	2.710	4.6	20.8
6 30	18 37.22	−21 37.0	1.685	2.701	0.6	20.5
7 10	18 26.52	−21 42.9	1.688	2.691	4.5	20.8
7 20	18 16.80	−21 47.3	1.719	2.681	8.7	21.0
7 30	18 9.06	−21 50.5	1.774	2.670	12.6	21.2
8 9	18 3.94	−21 53.3	1.850	2.659	15.8	21.4

510464 2011 WU_{59} 6 30.1 163°.52 2°.3/29.4 18

5 31	19 0.38	−28 47.3	2.529	3.416	9.6	22.2
6 10	18 54.01	−29 35.0	2.464	3.419	6.8	22.0
6 20	18 46.06	−30 20.5	2.425	3.422	3.9	21.9
6 30	18 37.20	−31 0.5	2.414	3.424	2.3	21.7
7 10	18 28.25	−31 32.8	2.432	3.426	4.2	21.9
7 20	18 20.04	−31 56.3	2.478	3.428	7.1	22.1
7 30	18 13.31	−32 11.4	2.550	3.430	9.8	22.2
8 9	18 8.58	−32 19.6	2.643	3.431	12.2	22.4

153603 2001 SL_{285} 6 30.1 258°.43 3°.6/29.4 18

5 31	19 2.50	−33 31.6	2.420	3.303	10.1	21.2
6 10	18 55.71	−34 3.5	2.334	3.283	7.5	21.0
6 20	18 47.04	−34 29.6	2.273	3.262	4.9	20.8
6 30	18 37.21	−34 46.5	2.239	3.242	3.6	20.6
7 10	18 27.16	−34 52.1	2.234	3.220	5.2	20.7
7 20	18 17.87	−34 46.2	2.255	3.199	8.1	20.9
7 30	18 10.22	−34 30.1	2.302	3.177	10.9	21.0
8 9	18 4.84	−34 6.9	2.370	3.154	13.5	21.1

428310 2007 FH_{44} 6 30.1 17°.93 6°.1/ 2.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 56.98	− 6 57.3	1.133	2.031	17.9	19.8
6 10	18 52.47	− 7 44.2	1.088	2.040	13.6	19.6
6 20	18 45.52	− 8 56.2	1.062	2.050	9.2	19.4
6 30	18 37.19	−10 30.4	1.058	2.062	6.2	19.3
7 10	18 28.90	−12 20.0	1.077	2.075	7.4	19.4
7 20	18 21.97	−14 16.5	1.120	2.090	11.3	19.6
7 30	18 17.51	−16 11.7	1.183	2.106	15.4	19.9
8 9	18 16.13	−17 59.4	1.266	2.123	19.0	20.2

254264 2004 RM_{179} 6 30.1 270°.95 3°.1/29.8 18

5 31	19 1.14	−32 49.6	2.298	3.185	10.4	20.1
6 10	18 54.61	−32 58.7	2.231	3.183	7.6	19.9
6 20	18 46.38	−33 1.0	2.188	3.181	4.7	19.7
6 30	18 37.21	−32 54.4	2.172	3.179	3.1	19.6
7 10	18 28.07	−32 37.9	2.184	3.176	4.8	19.7
7 20	18 19.87	−32 12.4	2.223	3.174	7.7	19.9
7 30	18 13.39	−31 40.0	2.287	3.172	10.6	20.1
8 9	18 9.14	−31 3.5	2.372	3.170	13.1	20.2

483381 2016 TX_{16} 6 30.1 351°.72 8°.6/28.9 18

5 31	19 5.51	−45 45.9	1.927	2.788	13.3	20.3
6 10	18 58.30	−46 34.8	1.870	2.785	11.0	20.2
6 20	18 48.50	−47 6.8	1.834	2.783	9.2	20.1
6 30	18 37.24	−47 16.3	1.823	2.782	8.6	20.0
7 10	18 26.01	−47 0.8	1.835	2.781	9.5	20.1
7 20	18 16.24	−46 22.2	1.872	2.780	11.5	20.2
7 30	18 9.07	−45 25.2	1.930	2.779	13.8	20.3
8 9	18 5.13	−44 16.5	2.008	2.779	16.0	20.5

286612 2002 DL_{10} 6 30.1 127°.16 1°.6/29.9 17

5 31	19 4.16	−27 37.5	2.074	2.964	11.3	21.6
6 10	18 56.66	−27 46.9	2.021	2.978	7.9	21.5
6 20	18 47.39	−27 52.8	1.992	2.992	4.3	21.3
6 30	18 37.23	−27 53.0	1.991	3.006	1.6	21.1
7 10	18 27.22	−27 46.7	2.019	3.019	4.2	21.3
7 20	18 18.31	−27 34.3	2.073	3.031	7.8	21.5
7 30	18 11.30	−27 17.6	2.153	3.043	10.9	21.8
8 9	18 6.67	−26 58.5	2.254	3.054	13.6	22.0

323523 2004 RF_{113} 6 30.1 296°.01 0°.3/30.2 18

5 31	19 0.49	−23 31.6	2.227	3.118	10.5	20.0
6 10	18 54.30	−23 10.5	2.129	3.088	7.4	19.7
6 20	18 46.32	−22 47.8	2.056	3.058	3.9	19.5
6 30	18 37.22	−22 23.0	2.011	3.027	0.3	19.1
7 10	18 27.90	−21 56.1	1.993	2.996	3.9	19.3
7 20	18 19.27	−21 27.9	2.004	2.966	7.7	19.5
7 30	18 12.18	−20 59.8	2.039	2.934	11.2	19.7
8 9	18 7.26	−20 33.2	2.096	2.903	14.3	19.8

131249 2001 FP_{12} 6 30.1 132°.49 0°.4/30.1 17

5 31	19 1.88	−23 31.1	2.175	3.065	10.8	20.4
6 10	18 55.05	−23 50.4	2.118	3.077	7.5	20.2
6 20	18 46.58	−24 10.1	2.086	3.088	3.9	20.0
6 30	18 37.23	−24 28.0	2.082	3.099	0.4	19.7
7 10	18 27.93	−24 42.6	2.107	3.109	3.8	20.0
7 20	18 19.57	−24 53.3	2.158	3.119	7.3	20.3
7 30	18 12.89	−25 0.3	2.236	3.128	10.5	20.5
8 9	18 8.39	−25 4.6	2.335	3.137	13.1	20.7

64195 2001 TE_{74} 6 30.1 118°.32 1°.6/29.9 18

5 31	19 4.18	−26 40.1	1.871	2.765	12.1	19.6
6 10	18 56.84	−27 1.6	1.819	2.779	8.5	19.4
6 20	18 47.56	−27 20.7	1.792	2.793	4.5	19.2
6 30	18 37.25	−27 34.6	1.791	2.806	1.6	19.0
7 10	18 27.07	−27 41.5	1.818	2.819	4.5	19.2
7 20	18 18.07	−27 41.5	1.872	2.831	8.3	19.5
7 30	18 11.12	−27 35.8	1.950	2.843	11.7	19.7
8 9	18 6.74	−27 26.6	2.049	2.855	14.6	20.0

215425 2002 JF_{31} 6 30.1 39°.46 3°.2/29.5 17

5 31	19 3.64	−27 19.9	1.268	2.180	15.3	20.0
6 10	18 57.30	−28 18.8	1.218	2.185	10.9	19.7
6 20	18 48.11	−29 16.3	1.189	2.191	6.1	19.5
6 30	18 37.26	−30 5.9	1.184	2.197	3.2	19.3
7 10	18 26.39	−30 42.6	1.203	2.203	6.5	19.5
7 20	18 17.07	−31 5.1	1.246	2.209	11.2	19.8
7 30	18 10.58	−31 14.8	1.310	2.216	15.4	20.1
8 9	18 7.61	−31 15.0	1.392	2.223	19.0	20.3

354765 2005 UZ_{69} 6 30.1 125°.70 3°.0/30.4 18

5 31	18 58.77	−13 59.3	2.666	3.540	9.6	20.6
6 10	18 52.57	−13 28.1	2.608	3.552	7.0	20.5
6 20	18 45.20	−13 2.1	2.575	3.564	4.5	20.3
6 30	18 37.23	−12 41.8	2.571	3.575	3.0	20.2
7 10	18 29.34	−12 27.4	2.595	3.586	4.2	20.3
7 20	18 22.16	−12 19.0	2.647	3.597	6.7	20.5
7 30	18 16.25	−12 16.3	2.726	3.608	9.2	20.7
8 9	18 12.00	−12 18.2	2.826	3.618	11.4	20.8

41794 2000 WK_{11} 6 30.1 296°.43 4°.3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.27	−30 37.6	1.339	2.246	15.0	18.1
6 10	18 58.15	−31 19.8	1.258	2.221	11.0	17.8
6 20	18 48.83	−31 58.1	1.198	2.196	6.7	17.5
6 30	18 37.31	−32 25.8	1.161	2.171	4.3	17.3
7 10	18 25.21	−32 38.3	1.148	2.145	7.3	17.4
7 20	18 14.31	−32 34.1	1.159	2.120	12.1	17.6
7 30	18 6.23	−32 16.0	1.191	2.095	16.8	17.8
8 9	18 1.96	−31 48.7	1.240	2.070	20.9	18.0

227206 2005 QC_{145} 6 30.1 256°.23 1°.6/30.5 18

5 31	19 2.22	−17 42.0	1.884	2.773	12.2	21.1
6 10	18 55.75	−17 59.9	1.798	2.754	8.8	20.9
6 20	18 47.20	−18 24.4	1.735	2.735	4.9	20.6
6 30	18 37.30	−18 53.8	1.700	2.714	1.6	20.3
7 10	18 27.08	−19 26.1	1.691	2.694	4.6	20.5
7 20	18 17.62	−19 59.2	1.710	2.673	8.7	20.7
7 30	18 9.94	−20 31.8	1.753	2.651	12.6	20.9
8 9	18 4.74	−21 3.3	1.817	2.629	16.0	21.1

168603 2000 AH_{126} 6 30.1 297°.37 3°.6/30.8 18

5 31	19 12.63	−34 23.7	1.002	1.911	18.7	18.8
6 10	19 4.47	−33 18.0	0.928	1.892	13.8	18.4
6 20	18 52.17	−31 47.7	0.874	1.873	8.2	18.0
6 30	18 37.37	−29 49.6	0.841	1.855	3.6	17.7
7 10	18 22.50	−27 27.9	0.833	1.837	7.5	17.9
7 20	18 9.91	−24 54.6	0.847	1.819	13.8	18.1
7 30	18 1.34	−22 24.3	0.882	1.801	19.7	18.4
8 9	17 57.52	−20 8.0	0.934	1.784	24.7	18.7

263443 2008 DR_{83} 6 30.1 293°.35 2°.2/30.5 18

5 31	18 58.31	−16 33.9	2.066	2.956	11.3	21.1
6 10	18 52.73	−16 32.8	1.993	2.949	8.1	20.9
6 20	18 45.49	−16 37.4	1.945	2.942	4.7	20.7
6 30	18 37.28	−16 47.3	1.922	2.935	2.2	20.5
7 10	18 28.98	−17 1.4	1.927	2.928	4.3	20.6
7 20	18 21.45	−17 18.8	1.959	2.921	7.8	20.8
7 30	18 15.49	−17 38.5	2.015	2.914	11.2	21.0
8 9	18 11.64	−17 59.5	2.093	2.908	14.0	21.2

435874 2008 YJ_{101} 6 30.1 310°.75 0°.1/30.2 18

5 31	19 0.84	−23 50.1	1.624	2.528	13.0	20.5
6 10	18 54.97	−23 32.5	1.546	2.511	9.2	20.3
6 20	18 46.82	−23 13.8	1.491	2.494	4.8	20.0
6 30	18 37.30	−22 52.9	1.461	2.478	0.1	19.5
7 10	18 27.61	−22 29.6	1.457	2.461	4.8	19.9
7 20	18 18.97	−22 4.9	1.478	2.446	9.4	20.1
7 30	18 12.43	−21 40.4	1.522	2.430	13.6	20.3
8 9	18 8.70	−21 17.7	1.586	2.415	17.1	20.5

504791 2010 AM_{62} 6 30.1 192°.50 0°.5/30.1 18

5 31	19 2.73	−24 27.0	2.080	2.971	11.2	21.7
6 10	18 55.81	−24 30.5	2.010	2.970	7.8	21.5
6 20	18 47.07	−24 33.3	1.966	2.968	4.1	21.3
6 30	18 37.31	−24 33.5	1.949	2.966	0.5	21.0
7 10	18 27.52	−24 30.1	1.960	2.963	4.0	21.3
7 20	18 18.68	−24 23.3	1.999	2.960	7.8	21.5
7 30	18 11.61	−24 14.0	2.062	2.956	11.2	21.7
8 9	18 6.87	−24 3.5	2.147	2.952	14.1	21.9

322256 2011 DN_{22} 6 30.1 341°.21 0°.9/30.3 17

5 31	19 0.89	−20 12.6	1.561	2.464	13.5	20.6
6 10	18 54.93	−20 22.6	1.498	2.462	9.5	20.4
6 20	18 46.76	−20 36.9	1.458	2.460	5.1	20.1
6 30	18 37.30	−20 53.8	1.442	2.458	0.9	19.8
7 10	18 27.78	−21 11.3	1.453	2.457	4.8	20.1
7 20	18 19.38	−21 28.1	1.488	2.456	9.3	20.3
7 30	18 13.13	−21 43.7	1.547	2.455	13.4	20.6
8 9	18 9.65	−21 58.1	1.624	2.454	16.8	20.8

151460 2002 GZ_{110} 6 30.1 154°.12 5°.1/ 1.4 18

5 31	18 56.81	− 4 21.3	2.873	3.715	9.9	20.9
6 10	18 51.22	− 4 4.4	2.809	3.721	7.9	20.8
6 20	18 44.54	− 3 58.2	2.770	3.728	6.1	20.6
6 30	18 37.28	− 4 3.4	2.758	3.734	5.1	20.6
7 10	18 30.02	− 4 19.7	2.774	3.740	5.7	20.6
7 20	18 23.33	− 4 46.0	2.817	3.745	7.3	20.7
7 30	18 17.74	− 5 20.5	2.885	3.750	9.3	20.9
8 9	18 13.63	− 6 0.8	2.976	3.754	11.2	21.0

512153 2015 PF_{298} 6 30.1 315°.73 12°.5/ 4.8 18

5 31	18 57.04	+14 10.8	2.083	2.837	16.0	20.5
6 10	18 51.89	+14 28.3	2.004	2.819	14.6	20.4
6 20	18 45.10	+14 18.1	1.943	2.801	13.4	20.3
6 30	18 37.29	+13 36.7	1.903	2.784	12.6	20.2
7 10	18 29.30	+12 23.3	1.884	2.767	12.7	20.1
7 20	18 21.98	+10 40.7	1.888	2.751	13.5	20.2
7 30	18 16.11	+ 8 34.4	1.914	2.735	15.0	20.2
8 9	18 12.29	+ 6 12.2	1.960	2.719	16.7	20.3

245291 2005 CD_{43} 6 30.1 205°.72 5°.5/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.27	− 6 12.2	2.133	2.992	12.3	20.5
6 10	18 53.31	− 6 12.1	2.062	2.989	9.6	20.3
6 20	18 45.77	− 6 25.7	2.014	2.985	7.0	20.1
6 30	18 37.30	− 6 53.3	1.992	2.981	5.5	20.0
7 10	18 28.75	− 7 33.8	1.997	2.977	6.3	20.1
7 20	18 20.92	− 8 24.9	2.029	2.973	8.8	20.2
7 30	18 14.57	− 9 23.6	2.085	2.968	11.5	20.4
8 9	18 10.23	−10 26.4	2.163	2.963	14.1	20.5

435772 2008 UF_{285} 6 30.1 253°.68 3°.5/30.6 16

5 31	19 0.24	−14 3.9	1.932	2.816	12.2	21.8
6 10	18 54.18	−13 45.2	1.855	2.805	9.0	21.6
6 20	18 46.29	−13 33.8	1.802	2.794	5.6	21.4
6 30	18 37.31	−13 30.1	1.775	2.783	3.5	21.2
7 10	18 28.20	−13 34.0	1.776	2.771	5.3	21.3
7 20	18 19.91	−13 44.7	1.802	2.759	8.8	21.5
7 30	18 13.30	−14 1.3	1.852	2.747	12.2	21.7
8 9	18 8.97	−14 22.3	1.924	2.735	15.2	21.8

171167 2005 GE_{134} 6 30.1 246°.63 2°.7/29.6 17

5 31	19 1.66	−29 16.3	1.991	2.886	11.4	20.8
6 10	18 55.27	−29 51.9	1.924	2.882	8.2	20.6
6 20	18 46.88	−30 24.2	1.880	2.878	4.7	20.4
6 30	18 37.32	−30 49.7	1.864	2.875	2.7	20.2
7 10	18 27.67	−31 6.0	1.874	2.871	5.0	20.4
7 20	18 18.97	−31 12.4	1.911	2.867	8.5	20.6
7 30	18 12.16	−31 10.3	1.972	2.863	11.8	20.8
8 9	18 7.85	−31 1.7	2.054	2.859	14.6	21.0

131280 2001 FX_{82} 6 30.2 57°.00 2°.6/30.4 17

5 31	19 0.95	−17 38.0	1.671	2.567	13.1	19.5
6 10	18 54.65	−17 9.8	1.620	2.578	9.4	19.3
6 20	18 46.46	−16 46.6	1.592	2.590	5.4	19.1
6 30	18 37.33	−16 28.8	1.590	2.602	2.6	19.0
7 10	18 28.34	−16 16.4	1.614	2.614	5.0	19.1
7 20	18 20.51	−16 9.4	1.663	2.626	8.9	19.4
7 30	18 14.68	−16 7.5	1.736	2.639	12.5	19.6
8 9	18 11.34	−16 10.1	1.830	2.651	15.5	19.9

85783 1998 VT_{3} 6 30.2 313°.81 2°.1/29.8 18

5 31	19 0.95	−26 4.8	1.288	2.202	15.0	19.0
6 10	18 55.73	−26 37.6	1.209	2.179	10.7	18.7
6 20	18 47.54	−27 11.3	1.152	2.155	5.8	18.3
6 30	18 37.34	−27 41.0	1.118	2.133	2.2	18.0
7 10	18 26.66	−28 2.8	1.107	2.111	6.2	18.2
7 20	18 17.13	−28 14.7	1.120	2.089	11.5	18.5
7 30	18 10.24	−28 17.5	1.153	2.068	16.4	18.7
8 9	18 6.94	−28 13.6	1.204	2.048	20.6	18.9

145454 2005 SL_{3} 6 30.2 303°.93 0°.6/30.3 18

5 31	18 58.65	−20 58.7	1.974	2.871	11.4	19.8
6 10	18 53.16	−21 7.4	1.893	2.854	8.0	19.5
6 20	18 45.81	−21 19.0	1.835	2.837	4.2	19.3
6 30	18 37.32	−21 32.2	1.804	2.820	0.6	18.9
7 10	18 28.64	−21 45.4	1.800	2.804	4.1	19.2
7 20	18 20.73	−21 57.7	1.822	2.787	8.1	19.4
7 30	18 14.48	−22 9.0	1.868	2.771	11.7	19.6
8 9	18 10.53	−22 19.1	1.936	2.755	14.9	19.8

350644 2001 TV_{128} 6 30.2 227°.71 5°.4/29.1 18

5 31	19 3.88	−38 46.0	2.310	3.183	10.9	21.7
6 10	18 56.78	−39 27.3	2.241	3.177	8.4	21.5
6 20	18 47.66	−39 58.9	2.196	3.171	6.3	21.4
6 30	18 37.35	−40 16.5	2.178	3.164	5.4	21.3
7 10	18 26.96	−40 18.0	2.186	3.157	6.6	21.4
7 20	18 17.54	−40 3.7	2.221	3.149	9.0	21.5
7 30	18 10.04	−39 36.2	2.280	3.142	11.5	21.7
8 9	18 5.07	−38 59.5	2.359	3.134	13.8	21.8

503058 2015 FC_{174} 6 30.2 123°.11 4°.4/29.1 17

5 31	19 5.32	−33 19.8	1.995	2.881	11.8	21.5
6 10	18 57.81	−34 20.9	1.944	2.894	8.7	21.3
6 20	18 48.18	−35 15.1	1.917	2.906	5.7	21.2
6 30	18 37.36	−35 57.4	1.918	2.918	4.4	21.1
7 10	18 26.55	−36 24.8	1.946	2.929	6.2	21.3
7 20	18 16.88	−36 37.0	2.000	2.941	9.1	21.5
7 30	18 9.31	−36 36.0	2.078	2.951	12.0	21.7
8 9	18 4.44	−36 25.5	2.177	2.961	14.5	21.9

361009 2005 VU_{45} 6 30.2 122°.48 0°.2/30.2 17

5 31	18 58.88	−22 11.4	2.483	3.373	9.6	22.1
6 10	18 52.86	−22 19.2	2.423	3.381	6.7	22.0
6 20	18 45.46	−22 28.1	2.387	3.389	3.5	21.8
6 30	18 37.32	−22 36.7	2.380	3.397	0.2	21.5
7 10	18 29.22	−22 44.2	2.401	3.404	3.3	21.8
7 20	18 21.88	−22 50.0	2.450	3.412	6.5	22.0
7 30	18 15.94	−22 54.3	2.525	3.419	9.4	22.2
8 9	18 11.85	−22 57.4	2.622	3.426	11.8	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
476052 2007 RL_{308}			6 30.2 283°.70		2°.5/30.5 18	
	h m	° ′			°	m
5 31	18 59.63	−16 25.4	1.842	2.734	12.3	22.0
6 10	18 53.87	−16 20.5	1.766	2.722	8.9	21.8
6 20	18 46.18	−16 22.1	1.713	2.710	5.2	21.6
6 30	18 37.34	−16 29.7	1.686	2.698	2.5	21.4
7 10	18 28.34	−16 42.3	1.685	2.686	4.8	21.5
7 20	18 20.18	−16 59.0	1.711	2.674	8.7	21.7
7 30	18 13.78	−17 18.8	1.760	2.662	12.4	21.9
8 9	18 9.76	−17 40.5	1.830	2.650	15.6	22.1
203744 2002 QR_{123}			6 30.2 316°.87		1°.1/30.4 18	
5 31	18 59.32	−19 8.6	1.697	2.597	12.8	20.1
6 10	18 53.80	−19 26.5	1.625	2.588	9.0	19.8
6 20	18 46.20	−19 50.2	1.577	2.579	4.9	19.6
6 30	18 37.34	−20 17.8	1.554	2.570	1.1	19.3
7 10	18 28.31	−20 46.9	1.557	2.561	4.6	19.5
7 20	18 20.22	−21 15.8	1.586	2.553	8.9	19.7
7 30	18 14.05	−21 43.3	1.638	2.545	12.8	20.0
8 9	18 10.45	−22 8.8	1.710	2.537	16.2	20.2
131020 2000 XG_{32}			6 30.2 281°.05		3°.2/30.2 18	
5 31	19 6.50	−32 34.1	1.812	2.702	12.6	19.2
6 10	18 58.95	−32 21.2	1.723	2.677	9.2	18.9
6 20	18 48.92	−31 58.4	1.657	2.653	5.6	18.7
6 30	18 37.38	−31 22.8	1.617	2.628	3.2	18.5
7 10	18 25.66	−30 33.9	1.605	2.602	5.5	18.6
7 20	18 15.06	−29 33.9	1.620	2.577	9.6	18.7
7 30	18 6.73	−28 27.2	1.658	2.551	13.5	18.9
8 9	18 1.39	−27 18.9	1.717	2.526	16.9	19.1
398735 2012 XS_{144}			6 30.2 209°.98		0°.1/30.1 18	
5 31	19 0.10	−22 36.5	2.561	3.448	9.5	22.2
6 10	18 53.79	−22 53.6	2.485	3.442	6.6	22.0
6 20	18 46.00	−23 11.7	2.434	3.435	3.4	21.7
6 30	18 37.35	−23 29.3	2.411	3.428	0.1	21.4
7 10	18 28.60	−23 45.0	2.418	3.420	3.4	21.7
7 20	18 20.52	−23 58.0	2.453	3.412	6.6	21.9
7 30	18 13.81	−24 8.3	2.514	3.404	9.6	22.1
8 9	18 8.96	−24 16.4	2.597	3.395	12.1	22.3
12579 Ceva			6 30.2 0°.62		1°.0/30.0 18	
5 31	18 58.08	−24 47.1	1.595	2.504	12.9	18.1
6 10	18 52.98	−25 2.6	1.535	2.502	9.0	17.8
6 20	18 45.76	−25 18.2	1.498	2.501	4.7	17.6
6 30	18 37.34	−25 31.2	1.485	2.501	1.0	17.3
7 10	18 28.90	−25 40.0	1.498	2.502	4.7	17.6
7 20	18 21.57	−25 43.9	1.535	2.504	9.0	17.8
7 30	18 16.32	−25 43.5	1.595	2.506	12.9	18.1
8 9	18 13.74	−25 40.0	1.675	2.509	16.2	18.3
65118 2002 CD_{52}			6 30.2 112°.21		5°.7/ 1.8 18	
5 31	18 57.10	− 4 29.9	2.294	3.146	11.7	19.2
6 10	18 51.69	− 4 25.8	2.228	3.147	9.3	19.0
6 20	18 44.90	− 4 35.3	2.185	3.149	7.1	18.9
6 30	18 37.33	− 4 59.1	2.169	3.151	5.8	18.8
7 10	18 29.73	− 5 36.3	2.179	3.152	6.4	18.9
7 20	18 22.81	− 6 24.6	2.215	3.154	8.5	19.0
7 30	18 17.23	− 7 21.4	2.276	3.155	10.9	19.2
8 9	18 13.46	− 8 23.1	2.359	3.157	13.2	19.3
357553 2004 SH_{50}			6 30.2 301°.05		6°.1/28.9 18	
5 31	19 2.65	−40 19.1	2.255	3.128	11.2	20.0
6 10	18 56.00	−41 6.3	2.190	3.123	8.8	19.9
6 20	18 47.28	−41 42.8	2.148	3.117	6.8	19.7
6 30	18 37.37	−42 4.1	2.133	3.112	6.1	19.7
7 10	18 27.36	−42 7.9	2.143	3.107	7.2	19.7
7 20	18 18.37	−41 54.6	2.179	3.102	9.4	19.9
7 30	18 11.34	−41 26.8	2.239	3.097	11.8	20.0
8 9	18 6.89	−40 48.8	2.319	3.092	14.0	20.2
438758 2008 UH_{109}			6 30.2 261°.39		5°.9/28.3 18	
5 31	19 5.94	−37 13.7	2.080	2.957	11.7	21.2
6 10	18 58.66	−38 27.1	1.997	2.937	9.1	21.0
6 20	18 48.88	−39 33.5	1.939	2.915	6.8	20.8
6 30	18 37.40	−40 26.3	1.907	2.894	6.0	20.7
7 10	18 25.45	−41 1.0	1.903	2.872	7.5	20.7
7 20	18 14.34	−41 16.1	1.924	2.849	10.3	20.9
7 30	18 5.31	−41 13.6	1.968	2.826	13.2	21.0
8 9	17 59.20	−40 57.8	2.033	2.802	15.9	21.1
123301 2000 UK_{112}			6 30.2 150°.71		3°.4/30.6 18	
5 31	19 1.35	−13 56.9	2.043	2.923	11.8	20.5
6 10	18 54.73	−13 33.5	1.982	2.929	8.7	20.3
6 20	18 46.48	−13 16.9	1.945	2.936	5.4	20.1
6 30	18 37.36	−13 7.7	1.935	2.941	3.5	20.0
7 10	18 28.29	−13 5.8	1.953	2.947	5.1	20.1
7 20	18 20.13	−13 10.6	1.997	2.952	8.2	20.3
7 30	18 13.62	−13 21.1	2.067	2.956	11.3	20.5
8 9	18 9.27	−13 36.3	2.157	2.960	14.1	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
512460 2016 QJ_{46}			6 30.2 309°.07		3°.7/ 1.3 17	
	h m	° ′			°	m
5 31	18 59.48	−11 36.0	1.676	2.562	13.6	20.2
6 10	18 53.93	−12 8.7	1.601	2.552	10.1	20.0
6 20	18 46.30	−12 55.6	1.550	2.542	6.4	19.8
6 30	18 37.36	−13 55.4	1.523	2.532	3.7	19.6
7 10	18 28.19	−15 4.5	1.523	2.523	5.5	19.7
7 20	18 19.88	−16 19.0	1.549	2.513	9.3	19.9
7 30	18 13.42	−17 34.7	1.599	2.504	13.2	20.1
8 9	18 9.51	−18 48.4	1.669	2.496	16.6	20.3
474070 2016 JP_{20}			6 30.2 358°.35		1°.7/30.3 17	
5 31	18 59.61	−19 52.5	1.160	2.078	16.0	20.6
6 10	18 54.52	−19 44.7	1.105	2.075	11.4	20.3
6 20	18 46.73	−19 42.3	1.069	2.073	6.1	20.0
6 30	18 37.38	−19 44.3	1.056	2.072	1.7	19.7
7 10	18 27.99	−19 49.3	1.066	2.072	5.8	20.0
7 20	18 20.05	−19 56.4	1.098	2.072	11.0	20.3
7 30	18 14.77	−20 5.2	1.152	2.074	15.8	20.6
8 9	18 12.83	−20 15.3	1.222	2.077	19.7	20.8
346713 2008 YK_{169}			6 30.2 253°.94		0°.3/30.1 18	
5 31	19 0.58	−22 33.9	1.986	2.882	11.4	20.9
6 10	18 54.48	−22 59.2	1.914	2.875	8.0	20.7
6 20	18 46.49	−23 26.8	1.865	2.868	4.2	20.4
6 30	18 37.38	−23 54.1	1.844	2.860	0.3	20.1
7 10	18 28.13	−24 18.9	1.850	2.853	4.1	20.4
7 20	18 19.73	−24 39.9	1.882	2.845	8.0	20.6
7 30	18 13.07	−24 56.9	1.940	2.838	11.6	20.8
8 9	18 8.75	−25 10.4	2.018	2.830	14.6	21.0
232654 2003 WQ_{19}			6 30.2 142°.50		1°.0/30.1 17	
5 31	19 2.45	−26 31.0	2.290	3.179	10.4	21.1
6 10	18 55.43	−26 31.6	2.231	3.188	7.3	20.9
6 20	18 46.82	−26 29.6	2.196	3.197	3.8	20.7
6 30	18 37.40	−26 23.5	2.189	3.205	1.0	20.5
7 10	18 28.06	−26 12.8	2.211	3.213	3.8	20.7
7 20	18 19.66	−25 57.9	2.261	3.220	7.1	20.9
7 30	18 12.93	−25 40.2	2.336	3.227	10.2	21.1
8 9	18 8.33	−25 21.1	2.434	3.234	12.7	21.3
255277 2005 VZ_{60}			6 30.2 251°.00		3°.5/30.8 18	
5 31	18 57.67	−11 57.4	2.424	3.298	10.4	21.0
6 10	18 52.12	−11 47.9	2.345	3.288	7.8	20.8
6 20	18 45.16	−11 46.1	2.291	3.277	5.1	20.6
6 30	18 37.37	−11 52.2	2.264	3.267	3.5	20.5
7 10	18 29.49	−12 5.9	2.265	3.256	4.7	20.5
7 20	18 22.22	−12 26.1	2.292	3.245	7.4	20.7
7 30	18 16.25	−12 51.5	2.346	3.234	10.2	20.9
8 9	18 12.06	−13 20.6	2.421	3.223	12.7	21.0
120962 1998 VM_{11}			6 30.2 299°.31		0°.3/30.2 18	
5 31	18 55.61	−21 39.4	2.904	3.793	8.4	19.6
6 10	18 50.58	−21 47.4	2.820	3.778	5.9	19.4
6 20	18 44.33	−21 56.7	2.761	3.763	3.1	19.2
6 30	18 37.36	−22 6.6	2.731	3.747	0.3	18.9
7 10	18 30.30	−22 16.1	2.729	3.732	3.0	19.1
7 20	18 23.75	−22 24.7	2.755	3.717	5.9	19.3
7 30	18 18.30	−22 32.3	2.808	3.702	8.5	19.5
8 9	18 14.40	−22 38.8	2.883	3.687	10.9	19.6
179386 2001 YY_{37}			6 30.2 122°.82		0°.4/30.2 18	
5 31	18 59.85	−21 49.3	2.388	3.277	10.0	20.8
6 10	18 53.56	−21 47.4	2.329	3.287	7.0	20.6
6 20	18 45.85	−21 46.4	2.295	3.297	3.6	20.4
6 30	18 37.40	−21 45.6	2.289	3.306	0.4	20.2
7 10	18 29.01	−21 44.1	2.312	3.315	3.4	20.5
7 20	18 21.44	−21 41.9	2.362	3.324	6.7	20.7
7 30	18 15.35	−21 39.3	2.438	3.332	9.7	20.9
8 9	18 11.18	−21 36.7	2.537	3.341	12.2	21.1
500251 2012 KA_{10}			6 30.2 91°.62		0°.4/30.3 17	
5 31	19 2.87	−21 6.3	1.557	2.458	13.7	21.5
6 10	18 56.26	−21 24.7	1.503	2.467	9.6	21.3
6 20	18 47.45	−21 46.5	1.473	2.475	5.0	21.0
6 30	18 37.44	−22 9.2	1.467	2.484	0.4	20.7
7 10	18 27.47	−22 30.4	1.488	2.493	4.7	21.1
7 20	18 18.76	−22 49.0	1.535	2.501	9.2	21.3
7 30	18 12.27	−23 4.7	1.604	2.509	13.1	21.6
8 9	18 8.59	−23 17.9	1.693	2.518	16.4	21.8
509660 2008 GY_{136}			6 30.2 51°.77		3°.3/29.3 18	
5 31	19 0.58	−31 3.9	2.188	3.079	10.7	21.4
6 10	18 54.41	−31 51.5	2.127	3.083	7.7	21.2
6 20	18 46.43	−32 35.0	2.092	3.086	4.7	21.1
6 30	18 37.42	−33 10.4	2.083	3.090	3.3	21.0
7 10	18 28.35	−33 35.5	2.102	3.093	5.1	21.1
7 20	18 20.18	−33 49.4	2.148	3.097	8.1	21.3
7 30	18 13.74	−33 53.3	2.218	3.101	11.0	21.5
8 9	18 9.59	−33 49.3	2.309	3.104	13.5	21.7

472464 2015 BN_{417} 6 30.2 15°.23 2°.9/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 57.76	−15 5.5	1.175	2.088	16.2	20.1
6 10	18 53.11	−15 34.2	1.127	2.093	11.7	19.9
6 20	18 45.97	−16 16.4	1.099	2.100	6.7	19.6
6 30	18 37.41	−17 9.1	1.094	2.108	2.9	19.4
7 10	18 28.87	−18 8.2	1.112	2.117	5.8	19.6
7 20	18 21.71	−19 8.9	1.153	2.127	10.6	19.9
7 30	18 17.04	−20 7.6	1.215	2.139	15.0	20.2
8 9	18 15.48	−21 1.7	1.296	2.151	18.8	20.5

350843 2002 GO_{8} 6 30.2 89°.12 11°.7/28.6 16

5 31	19 19.87	−62 18.6	2.513	3.266	13.6	20.3
6 10	19 8.84	−63 32.7	2.487	3.285	12.6	20.2
6 20	18 54.18	−64 22.3	2.480	3.305	11.9	20.2
6 30	18 37.55	−64 41.4	2.495	3.325	11.7	20.2
7 10	18 21.18	−64 28.2	2.530	3.344	12.0	20.3
7 20	18 7.15	−63 45.8	2.587	3.363	12.8	20.4
7 30	17 56.92	−62 40.6	2.662	3.382	13.7	20.5
8 9	17 51.03	−61 20.4	2.754	3.401	14.7	20.6

146955 2002 EZ_{124} 6 30.2 9°.38 0°.1/30.2 18

5 31	18 58.79	−22 29.3	2.077	2.974	10.9	20.1
6 10	18 53.10	−22 45.6	2.013	2.974	7.6	19.9
6 20	18 45.73	−23 3.5	1.972	2.975	4.0	19.7
6 30	18 37.42	−23 21.1	1.959	2.975	0.1	19.4
7 10	18 29.07	−23 37.0	1.973	2.976	3.8	19.7
7 20	18 21.58	−23 50.1	2.014	2.978	7.5	19.9
7 30	18 15.71	−24 0.6	2.079	2.979	10.8	20.1
8 9	18 12.01	−24 8.7	2.166	2.981	13.6	20.3

284653 2007 YO_{3} 6 30.2 276°.05 1°.6/29.8 18

5 31	19 1.29	−25 51.6	2.026	2.921	11.2	21.1
6 10	18 55.13	−26 26.8	1.941	2.901	8.0	20.8
6 20	18 46.93	−27 2.4	1.881	2.882	4.3	20.6
6 30	18 37.44	−27 35.0	1.847	2.862	1.6	20.3
7 10	18 27.66	−28 1.9	1.841	2.842	4.5	20.5
7 20	18 18.64	−28 21.6	1.862	2.822	8.4	20.7
7 30	18 11.36	−28 34.2	1.908	2.802	12.0	20.9
8 9	18 6.52	−28 41.1	1.974	2.781	15.0	21.0

360491 2002 VB_{92} 6 30.2 148°.19 15°.3/ 1.4 18

5 31	19 7.15	+19 44.7	2.096	2.790	17.6	21.7
6 10	18 58.79	+21 45.5	2.059	2.805	16.5	21.6
6 20	18 48.63	+23 16.9	2.041	2.819	15.7	21.6
6 30	18 37.48	+24 13.3	2.043	2.832	15.3	21.6
7 10	18 26.35	+24 32.6	2.065	2.844	15.5	21.6
7 20	18 16.21	+24 16.7	2.107	2.854	16.1	21.7
7 30	18 7.89	+23 30.4	2.166	2.863	17.0	21.8
8 9	18 1.94	+22 20.8	2.240	2.872	18.0	21.9

169546 2002 EV_{91} 6 30.2 22°.43 3°.0/29.7 18

5 31	19 0.41	−26 32.6	0.959	1.887	17.5	18.7
6 10	18 55.45	−27 21.0	0.921	1.896	12.3	18.4
6 20	18 47.32	−28 8.1	0.902	1.906	6.7	18.2
6 30	18 37.45	−28 47.3	0.904	1.918	3.0	18.0
7 10	18 27.75	−29 14.0	0.927	1.931	6.9	18.3
7 20	18 19.96	−29 27.2	0.972	1.945	12.2	18.6
7 30	18 15.41	−29 28.9	1.035	1.960	16.9	18.9
8 9	18 14.67	−29 22.3	1.115	1.977	20.8	19.2

440319 2004 TN_{45} 6 30.2 298°.61 7°.5/28.0 18

5 31	19 3.92	−43 39.8	2.209	3.072	11.7	20.5
6 10	18 57.19	−44 44.0	2.138	3.058	9.7	20.3
6 20	18 48.07	−45 35.9	2.090	3.043	8.0	20.2
6 30	18 37.47	−46 9.8	2.067	3.029	7.5	20.1
7 10	18 26.61	−46 22.5	2.069	3.015	8.6	20.2
7 20	18 16.76	−46 13.8	2.096	3.001	10.6	20.3
7 30	18 9.06	−45 46.7	2.146	2.987	12.9	20.4
8 9	18 4.23	−45 6.1	2.214	2.973	15.1	20.5

347482 1993 FQ_{19} 6 30.2 81°.74 4°.7/ 1.4 17

5 31	18 58.56	− 8 34.7	2.113	2.982	12.0	20.4
6 10	18 52.73	− 8 31.7	2.061	2.997	9.1	20.3
6 20	18 45.46	− 8 40.5	2.033	3.012	6.3	20.1
6 30	18 37.43	− 9 0.8	2.030	3.026	4.7	20.0
7 10	18 29.46	− 9 31.5	2.055	3.041	5.7	20.1
7 20	18 22.34	−10 10.6	2.106	3.056	8.2	20.3
7 30	18 16.73	−10 55.4	2.182	3.070	10.9	20.5
8 9	18 13.07	−11 43.5	2.279	3.085	13.3	20.7

391519 2007 RX_{171} 6 30.2 256°.36 0°.0/30.1 18

5 31	19 0.98	−22 14.0	2.098	2.990	11.0	21.8
6 10	18 54.76	−22 31.0	2.015	2.975	7.8	21.5
6 20	18 46.67	−22 50.0	1.958	2.960	4.1	21.3
6 30	18 37.45	−23 9.1	1.927	2.944	0.1	20.9
7 10	18 28.02	−23 26.4	1.925	2.928	4.0	21.2
7 20	18 19.35	−23 40.9	1.949	2.912	7.9	21.4
7 30	18 12.32	−23 52.6	1.999	2.895	11.4	21.6
8 9	18 7.56	−24 1.9	2.069	2.878	14.4	21.8

61729 2000 QX_{147} 6 30.2 217°.38 10°.3/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 14.94	−51 30.1	1.939	2.768	14.5	19.3
6 10	19 5.15	−52 9.4	1.878	2.764	12.5	19.1
6 20	18 52.19	−52 26.2	1.838	2.760	10.9	19.0
6 30	18 37.54	−52 13.6	1.822	2.755	10.3	19.0
7 10	18 23.12	−51 29.4	1.829	2.750	11.0	19.0
7 20	18 10.70	−50 17.0	1.860	2.745	12.7	19.1
7 30	18 1.59	−48 43.7	1.913	2.740	14.8	19.2
8 9	17 56.36	−46 58.4	1.986	2.734	16.9	19.4

201428 2003 AQ_{56} 6 30.2 205°.21 2°.7/29.8 17

5 31	19 6.37	−27 53.8	1.377	2.281	14.9	20.4
6 10	18 59.20	−28 24.1	1.315	2.279	10.6	20.2
6 20	18 49.19	−28 51.3	1.276	2.277	5.9	19.9
6 30	18 37.50	−29 10.5	1.261	2.275	2.7	19.7
7 10	18 25.71	−29 18.5	1.272	2.272	6.1	19.9
7 20	18 15.39	−29 15.3	1.306	2.269	10.8	20.1
7 30	18 7.83	−29 3.2	1.363	2.266	15.1	20.4
8 9	18 3.74	−28 45.9	1.438	2.263	18.8	20.6

498066 2007 RM_{133} 6 30.2 356°.95 3°.3/ 6.4 17

5 31	17 58.84	+ 0 15.7	0.323	1.303	23.3	17.3
6 10	18 10.50	− 2 49.2	0.279	1.275	19.3	16.8
6 20	18 22.85	− 7 59.4	0.246	1.254	13.6	16.3
6 30	18 37.00	−15 15.5	0.227	1.241	6.5	15.8
7 10	18 54.13	−23 44.9	0.221	1.237	4.6	15.7
7 20	19 14.50	−31 50.8	0.231	1.241	12.1	16.1
7 30	19 37.67	−38 5.7	0.256	1.254	18.9	16.6
8 9	20 2.21	−41 56.3	0.292	1.274	23.9	17.1

512145 2015 PB_{124} 6 30.2 6°.41 4°.4/29.9 17

5 31	19 2.18	−35 0.1	1.826	2.718	12.4	20.5
6 10	18 55.75	−35 12.0	1.766	2.719	9.2	20.3
6 20	18 47.19	−35 14.2	1.729	2.720	6.0	20.1
6 30	18 37.48	−35 3.4	1.718	2.721	4.4	20.0
7 10	18 27.85	−34 38.8	1.733	2.723	6.1	20.1
7 20	18 19.47	−34 1.8	1.773	2.725	9.3	20.3
7 30	18 13.28	−33 16.0	1.836	2.728	12.5	20.5
8 9	18 9.82	−32 25.5	1.920	2.731	15.3	20.7

233712 2008 SM_{105} 6 30.2 156°.92 1°.1/30.4 17

5 31	19 1.20	−19 49.6	1.913	2.807	11.9	21.0
6 10	18 54.84	−19 52.2	1.850	2.809	8.4	20.8
6 20	18 46.66	−19 58.2	1.810	2.811	4.5	20.5
6 30	18 37.47	−20 6.4	1.798	2.813	1.1	20.3
7 10	18 28.27	−20 15.5	1.812	2.815	4.2	20.5
7 20	18 20.03	−20 24.8	1.853	2.817	8.1	20.8
7 30	18 13.58	−20 34.2	1.919	2.818	11.6	21.0
8 9	18 9.48	−20 43.6	2.005	2.820	14.6	21.2

259900 2004 DJ_{76} 6 30.2 120°.71 0°.9/30.1 17

5 31	19 4.58	−24 50.0	1.698	2.595	12.9	21.8
6 10	18 57.34	−25 6.8	1.645	2.606	9.0	21.6
6 20	18 47.98	−25 22.8	1.615	2.617	4.7	21.3
6 30	18 37.50	−25 35.3	1.612	2.628	0.9	21.1
7 10	18 27.11	−25 42.5	1.635	2.638	4.6	21.4
7 20	18 17.98	−25 44.2	1.685	2.648	8.8	21.6
7 30	18 11.03	−25 41.5	1.758	2.657	12.5	21.9
8 9	18 6.83	−25 36.1	1.852	2.666	15.6	22.1

17197 Matjazbone 6 30.2 23°.34 3°.2/29.9 18

5 31	19 3.64	−29 35.1	1.281	2.191	15.3	17.5
6 10	18 57.30	−29 54.7	1.229	2.195	10.9	17.2
6 20	18 48.17	−30 8.4	1.198	2.199	6.2	17.0
6 30	18 37.50	−30 11.8	1.191	2.203	3.2	16.8
7 10	18 26.92	−30 3.1	1.208	2.208	6.3	17.0
7 20	18 17.97	−29 43.3	1.248	2.214	10.9	17.3
7 30	18 11.84	−29 15.7	1.309	2.219	15.2	17.6
8 9	18 9.14	−28 44.2	1.389	2.226	18.7	17.8

121305 1999 RH_{206} 6 30.2 336°.82 2°.1/30.2 18

5 31	18 58.83	−19 18.2	1.806	2.704	12.2	18.8
6 10	18 53.30	−18 42.5	1.734	2.695	8.7	18.5
6 20	18 45.91	−18 9.0	1.687	2.687	4.9	18.3
6 30	18 37.46	−17 38.4	1.665	2.678	2.1	18.1
7 10	18 28.97	−17 11.4	1.669	2.671	4.7	18.3
7 20	18 21.43	−16 49.0	1.700	2.664	8.6	18.5
7 30	18 15.68	−16 31.7	1.754	2.657	12.3	18.7
8 9	18 12.31	−16 19.6	1.828	2.652	15.4	18.9

307294 2002 PP_{177} 6 30.2 138°.71 2°.3/29.9 17

5 31	19 5.63	−28 14.8	1.646	2.543	13.3	20.5
6 10	18 58.22	−28 33.3	1.589	2.549	9.4	20.3
6 20	18 48.50	−28 47.7	1.556	2.556	5.2	20.0
6 30	18 37.53	−28 54.7	1.549	2.562	2.3	19.9
7 10	18 26.62	−28 52.4	1.568	2.568	5.2	20.1
7 20	18 17.05	−28 41.4	1.613	2.573	9.3	20.3
7 30	18 9.84	−28 23.9	1.681	2.579	13.1	20.6
8 9	18 5.56	−28 2.9	1.770	2.583	16.3	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
271821 2004 TF_{138}			6 30.2 194°.48	10°.6/30.5 18		
	h m	° ′			°	m
5 31	19 0.24	+ 2 48.9	1.872	2.697	15.1	20.2
6 10	18 54.14	+ 4 14.8	1.813	2.697	13.0	20.0
6 20	18 46.30	+ 5 21.5	1.776	2.696	11.3	19.9
6 30	18 37.49	+ 6 4.3	1.762	2.695	10.6	19.9
7 10	18 28.64	+ 6 21.1	1.772	2.694	11.2	19.9
7 20	18 20.66	+ 6 12.6	1.804	2.693	12.8	20.0
7 30	18 14.36	+ 5 41.8	1.858	2.692	14.9	20.1
8 9	18 10.28	+ 4 53.9	1.929	2.691	16.9	20.3
52013 2002 LJ_{59}			6 30.2 300°.16	9°.5/ 1.2 18		
5 31	18 57.89	+ 0 7.3	1.803	2.647	14.8	18.5
6 10	18 52.74	+ 0 54.9	1.722	2.626	12.5	18.3
6 20	18 45.71	+ 1 24.0	1.661	2.604	10.5	18.1
6 30	18 37.48	+ 1 30.9	1.624	2.582	9.5	18.0
7 10	18 28.99	+ 1 13.9	1.610	2.561	10.1	18.0
7 20	18 21.20	+ 0 34.2	1.619	2.540	12.2	18.1
7 30	18 15.05	− 0 24.7	1.651	2.519	14.8	18.2
8 9	18 11.18	− 1 37.6	1.701	2.498	17.5	18.4
258745 2002 GJ_{163}			6 30.2 31°.10	2°.4/29.8 17		
5 31	19 3.24	−26 20.9	1.212	2.126	15.7	20.0
6 10	18 57.13	−27 2.8	1.162	2.131	11.1	19.8
6 20	18 48.14	−27 43.8	1.133	2.136	6.0	19.5
6 30	18 37.52	−28 18.5	1.128	2.142	2.4	19.3
7 10	18 26.92	−28 43.0	1.146	2.148	6.2	19.5
7 20	18 17.92	−28 56.0	1.187	2.155	11.1	19.8
7 30	18 11.78	−28 59.3	1.250	2.162	15.6	20.1
8 9	18 9.16	−28 55.6	1.330	2.170	19.2	20.4
180555 2004 ER_{25}			6 30.2 337°.95	6°.2/30.7 17		
5 31	18 58.42	−11 25.2	1.235	2.137	16.4	18.8
6 10	18 53.62	−10 46.6	1.171	2.127	12.4	18.5
6 20	18 46.31	−10 21.5	1.127	2.118	8.5	18.3
6 30	18 37.50	−10 12.4	1.106	2.109	6.2	18.1
7 10	18 28.52	−10 19.9	1.107	2.101	8.0	18.2
7 20	18 20.73	−10 42.6	1.131	2.095	12.0	18.4
7 30	18 15.32	−11 17.5	1.175	2.089	16.2	18.6
8 9	18 13.01	−12 0.4	1.236	2.084	19.9	18.9
376901 2001 XU_{248}			6 30.2 199°.25	0°.7/30.3 17		
5 31	19 2.63	−21 2.4	2.258	3.144	10.6	22.5
6 10	18 55.68	−21 0.0	2.184	3.140	7.5	22.3
6 20	18 47.07	−20 59.1	2.135	3.136	4.0	22.1
6 30	18 37.51	−20 58.7	2.114	3.130	0.7	21.8
7 10	18 27.89	−20 57.9	2.122	3.125	3.8	22.1
7 20	18 19.09	−20 56.6	2.158	3.118	7.4	22.3
7 30	18 11.87	−20 55.1	2.219	3.111	10.6	22.5
8 9	18 6.78	−20 53.9	2.303	3.103	13.4	22.6
62738 2000 TW_{61}			6 30.2 264°.24	1°.1/29.9 18		
5 31	19 0.06	−24 22.4	2.262	3.155	10.3	19.4
6 10	18 54.07	−25 3.7	2.183	3.143	7.3	19.2
6 20	18 46.33	−25 46.5	2.129	3.130	3.8	19.0
6 30	18 37.51	−26 27.6	2.102	3.118	1.1	18.7
7 10	18 28.48	−27 4.6	2.104	3.105	4.0	18.9
7 20	18 20.14	−27 35.8	2.134	3.093	7.5	19.1
7 30	18 13.33	−28 0.7	2.188	3.080	10.7	19.3
8 9	18 8.64	−28 19.9	2.264	3.067	13.5	19.5
364609 2007 RT_{273}			6 30.2 20°.56	0°.3/30.2 17		
5 31	19 1.61	−22 49.2	1.034	1.957	17.0	20.3
6 10	18 56.09	−22 41.9	0.988	1.961	12.0	20.1
6 20	18 47.62	−22 36.4	0.962	1.967	6.2	19.8
6 30	18 37.54	−22 30.7	0.957	1.974	0.4	19.4
7 10	18 27.60	−22 23.8	0.975	1.982	5.9	19.8
7 20	18 19.44	−22 16.0	1.015	1.990	11.5	20.1
7 30	18 14.28	−22 8.2	1.074	1.999	16.4	20.4
8 9	18 12.72	−22 1.3	1.150	2.010	20.4	20.7
141387 2002 AV_{80}			6 30.2 252°.88	1°.1/30.5 18		
5 31	18 59.37	−18 1.6	2.259	3.146	10.6	19.9
6 10	18 53.51	−18 31.1	2.180	3.136	7.5	19.7
6 20	18 46.01	−19 6.2	2.127	3.126	4.1	19.5
6 30	18 37.51	−19 45.0	2.100	3.116	1.1	19.2
7 10	18 28.85	−20 25.5	2.103	3.105	3.7	19.4
7 20	18 20.85	−21 5.6	2.132	3.095	7.3	19.6
7 30	18 14.30	−21 44.0	2.188	3.084	10.5	19.8
8 9	18 9.76	−22 19.9	2.265	3.073	13.3	20.0
471630 2012 TE_{35}			6 30.2 281°.99	5°.3/28.5 18		
5 31	19 5.06	−33 39.9	1.872	2.761	12.3	20.8
6 10	18 58.29	−34 57.9	1.784	2.734	9.3	20.6
6 20	18 48.86	−36 12.3	1.720	2.708	6.4	20.3
6 30	18 37.57	−37 16.4	1.683	2.680	5.3	20.2
7 10	18 25.66	−38 4.4	1.672	2.653	7.3	20.3
7 20	18 14.53	−38 34.0	1.687	2.625	10.7	20.4
7 30	18 5.52	−38 46.0	1.725	2.597	14.1	20.6
8 9	17 59.58	−38 44.2	1.783	2.569	17.2	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
197951 2004 RR_{83}			6 30.2 327°.04	2°.2/29.9 16		
	h m	° ′			°	m
5 31	19 1.75	−27 27.8	1.509	2.415	13.7	20.8
6 10	18 55.81	−27 47.3	1.443	2.408	9.7	20.5
6 20	18 47.41	−28 4.2	1.399	2.401	5.3	20.3
6 30	18 37.54	−28 15.0	1.379	2.394	2.2	20.0
7 10	18 27.55	−28 17.4	1.385	2.387	5.4	20.2
7 20	18 18.79	−28 11.2	1.416	2.381	9.9	20.5
7 30	18 12.38	−27 58.3	1.469	2.376	14.0	20.7
8 9	18 9.02	−27 41.2	1.541	2.371	17.5	20.9
299680 2006 QB_{67}			6 30.2 2°.08	0°.4/30.1 16		
5 31	19 0.48	−23 59.1	1.892	2.790	11.7	20.9
6 10	18 54.43	−24 7.7	1.827	2.790	8.2	20.7
6 20	18 46.51	−24 16.3	1.787	2.790	4.3	20.5
6 30	18 37.52	−24 23.2	1.773	2.790	0.5	20.2
7 10	18 28.52	−24 27.0	1.786	2.790	4.2	20.5
7 20	18 20.50	−24 27.4	1.826	2.790	8.1	20.7
7 30	18 14.33	−24 24.9	1.889	2.791	11.7	20.9
8 9	18 10.56	−24 20.7	1.973	2.791	14.7	21.1
323390 2003 YL_{96}			6 30.2 152°.98	0°.6/30.3 17		
5 31	19 4.08	−20 39.1	1.781	2.674	12.7	21.4
6 10	18 56.97	−20 55.6	1.722	2.681	8.9	21.2
6 20	18 47.82	−21 15.4	1.686	2.687	4.7	21.0
6 30	18 37.55	−21 36.3	1.677	2.693	0.6	20.7
7 10	18 27.29	−21 56.1	1.695	2.699	4.4	21.0
7 20	18 18.11	−22 13.9	1.740	2.703	8.6	21.2
7 30	18 10.96	−22 29.3	1.809	2.708	12.3	21.5
8 9	18 6.40	−22 42.8	1.899	2.711	15.4	21.7
168757 2000 QV_{200}			6 30.2 304°.28	7°.1/29.3 18		
5 31	19 5.69	−36 12.7	1.246	2.150	16.2	19.6
6 10	18 59.44	−37 1.6	1.175	2.131	12.4	19.3
6 20	18 49.67	−37 39.2	1.125	2.113	8.7	19.1
6 30	18 37.59	−37 57.2	1.097	2.096	7.1	18.9
7 10	18 25.11	−37 50.7	1.091	2.078	9.3	19.0
7 20	18 14.22	−37 19.9	1.108	2.061	13.4	19.2
7 30	18 6.60	−36 30.5	1.145	2.045	17.7	19.4
8 9	18 3.15	−35 30.2	1.198	2.029	21.5	19.6
93401 2000 SE_{293}			6 30.2 134°.85	6°.9/29.4 18		
5 31	19 8.28	−41 45.3	1.981	2.848	12.7	19.0
6 10	19 0.07	−42 28.2	1.928	2.856	10.1	18.9
6 20	18 49.47	−42 56.7	1.899	2.864	7.8	18.7
6 30	18 37.59	−43 5.9	1.895	2.872	6.9	18.7
7 10	18 25.83	−42 53.7	1.917	2.879	8.0	18.8
7 20	18 15.50	−42 22.0	1.965	2.886	10.3	18.9
7 30	18 7.64	−41 35.2	2.035	2.893	12.9	19.1
8 9	18 2.82	−40 39.1	2.126	2.899	15.2	19.3
124141 2001 LL_{18}			6 30.2 196°.29	3°.6/ 1.6 18		
5 31	19 9.23	− 9 4.8	1.200	2.083	18.1	18.7
6 10	19 1.56	−10 46.4	1.133	2.082	13.5	18.4
6 20	18 50.67	−12 55.8	1.087	2.081	8.1	18.1
6 30	18 37.62	−15 26.7	1.066	2.078	3.8	17.9
7 10	18 24.07	−18 7.4	1.073	2.076	6.4	18.0
7 20	18 11.77	−20 45.4	1.106	2.072	11.9	18.3
7 30	18 2.31	−23 11.3	1.162	2.069	17.0	18.6
8 9	17 56.66	−25 20.3	1.238	2.064	21.2	18.9
149377 2002 XT_{86}			6 30.2 256°.46	3°.5/29.7 18		
5 31	19 4.74	−30 34.5	1.669	2.566	13.1	20.4
6 10	18 57.88	−31 6.0	1.597	2.555	9.5	20.2
6 20	18 48.50	−31 32.4	1.547	2.544	5.7	19.9
6 30	18 37.59	−31 49.3	1.524	2.533	3.5	19.8
7 10	18 26.48	−31 53.7	1.526	2.522	6.0	19.9
7 20	18 16.52	−31 45.7	1.554	2.511	9.9	20.1
7 30	18 8.91	−31 27.5	1.605	2.499	13.8	20.3
8 9	18 4.35	−31 2.8	1.675	2.487	17.1	20.5
49325 1998 VK_{31}			6 30.2 9°.16	3°.3/30.3 18		
5 31	19 1.70	−17 45.5	1.359	2.263	15.0	17.6
6 10	18 55.65	−16 59.5	1.301	2.264	10.8	17.3
6 20	18 47.26	−16 18.3	1.266	2.265	6.3	17.1
6 30	18 37.57	−15 43.5	1.254	2.266	3.3	16.9
7 10	18 27.94	−15 16.2	1.268	2.268	6.1	17.1
7 20	18 19.65	−14 57.4	1.305	2.271	10.5	17.3
7 30	18 13.73	−14 47.1	1.364	2.274	14.7	17.6
8 9	18 10.77	−14 44.3	1.441	2.277	18.2	17.8
427282 2014 WZ_{202}			6 30.2 196°.34	0°.4/30.4 16		
5 31	19 6.39	−18 0.3	1.900	2.782	12.5	21.5
6 10	18 58.73	−19 11.8	1.825	2.780	8.8	21.2
6 20	18 48.87	−20 31.8	1.776	2.776	4.7	21.0
6 30	18 37.61	−21 55.7	1.756	2.772	0.5	20.6
7 10	18 26.05	−23 18.4	1.764	2.767	4.4	20.9
7 20	18 15.33	−24 35.6	1.802	2.761	8.6	21.2
7 30	18 6.51	−25 44.7	1.865	2.755	12.4	21.4
8 9	18 0.29	−26 45.3	1.950	2.747	15.6	21.6

478676 2012 TJ_{293} 6 30.2 241°.18 1°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.48	−27 37.3	2.156	3.047	10.8	22.4
6 10	18 55.80	−27 48.7	2.077	3.035	7.7	22.1
6 20	18 47.25	−27 57.2	2.023	3.023	4.2	21.9
6 30	18 37.59	−28 0.6	1.997	3.011	1.6	21.7
7 10	18 27.81	−27 57.4	1.998	2.998	4.3	21.9
7 20	18 18.88	−27 47.8	2.027	2.985	7.9	22.1
7 30	18 11.68	−27 33.0	2.080	2.972	11.2	22.2
8 9	18 6.80	−27 15.0	2.155	2.958	14.1	22.4

469975 2006 DD_{216} 6 30.2 117°.84 2°.7/29.8 17

5 31	19 3.92	−29 47.0	1.939	2.831	11.8	21.8
6 10	18 56.80	−30 11.1	1.885	2.842	8.4	21.6
6 20	18 47.72	−30 30.5	1.854	2.852	4.8	21.4
6 30	18 37.60	−30 41.9	1.851	2.862	2.7	21.3
7 10	18 27.56	−30 43.7	1.875	2.872	4.9	21.5
7 20	18 18.67	−30 36.2	1.925	2.881	8.4	21.7
7 30	18 11.79	−30 21.5	2.000	2.890	11.6	21.9
8 9	18 7.47	−30 2.0	2.095	2.899	14.4	22.1

84282 2002 TV_{23} 6 30.2 176°.19 3°.0/29.7 18

5 31	19 4.31	−28 43.2	1.525	2.427	13.8	19.6
6 10	18 57.59	−29 19.3	1.465	2.427	9.9	19.4
6 20	18 48.34	−29 51.9	1.428	2.427	5.6	19.2
6 30	18 37.61	−30 16.3	1.415	2.427	3.0	19.0
7 10	18 26.82	−30 29.6	1.429	2.428	5.8	19.2
7 20	18 17.34	−30 31.3	1.467	2.428	10.1	19.4
7 30	18 10.33	−30 23.4	1.528	2.428	14.0	19.6
8 9	18 6.46	−30 9.2	1.607	2.427	17.4	19.9

160963 2002 AP_{182} 6 30.2 310°.83 5°.2/30.9 18

5 31	18 59.78	−12 41.4	1.165	2.071	16.8	19.5
6 10	18 54.97	−12 30.0	1.089	2.049	12.7	19.2
6 20	18 47.27	−12 33.3	1.033	2.028	8.2	18.9
6 30	18 37.62	−12 52.6	0.998	2.007	5.2	18.6
7 10	18 27.48	−13 26.8	0.986	1.986	7.5	18.7
7 20	18 18.42	−14 13.2	0.996	1.966	12.4	18.9
7 30	18 11.90	−15 7.9	1.026	1.947	17.4	19.1
8 9	18 8.89	−16 6.8	1.072	1.928	21.8	19.3

368134 2013 JM_{37} 6 30.2 35°.94 2°.1/30.3 17

5 31	19 3.21	−20 7.8	1.152	2.065	16.4	20.0
6 10	18 56.96	−19 37.4	1.104	2.072	11.6	19.7
6 20	18 48.02	−19 11.0	1.076	2.079	6.3	19.4
6 30	18 37.63	−18 48.4	1.071	2.086	2.1	19.2
7 10	18 27.42	−18 30.1	1.090	2.094	6.0	19.5
7 20	18 18.86	−18 16.7	1.132	2.103	11.1	19.8
7 30	18 13.08	−18 8.4	1.194	2.112	15.7	20.1
8 9	18 10.65	−18 5.1	1.274	2.121	19.5	20.3

11814 Schwamb 6 30.2 307°.50 6°.3/ 1.5 18

5 31	18 57.18	− 4 53.5	2.128	2.985	12.3	18.9
6 10	18 51.95	− 4 31.4	2.058	2.980	9.8	18.7
6 20	18 45.21	− 4 23.1	2.010	2.974	7.5	18.5
6 30	18 37.59	− 4 29.8	1.988	2.969	6.3	18.4
7 10	18 29.90	− 4 51.4	1.992	2.964	7.0	18.5
7 20	18 22.91	− 5 26.3	2.021	2.959	9.2	18.6
7 30	18 17.34	− 6 12.0	2.074	2.954	11.7	18.8
8 9	18 13.70	− 7 4.9	2.148	2.949	14.2	18.9

34184 Hegde 6 30.2 238°.88 2°.3/29.8 18

5 31	19 1.37	−29 55.0	2.365	3.253	10.1	20.0
6 10	18 54.93	−30 12.4	2.289	3.245	7.2	19.8
6 20	18 46.78	−30 25.8	2.239	3.235	4.2	19.6
6 30	18 37.64	−30 32.7	2.215	3.226	2.3	19.4
7 10	18 28.41	−30 31.7	2.220	3.217	4.3	19.6
7 20	18 19.98	−30 23.0	2.252	3.207	7.4	19.7
7 30	18 13.16	−30 7.7	2.310	3.197	10.4	19.9
8 9	18 8.48	−29 48.0	2.389	3.187	13.0	20.1

249612 1999 RD_{207} 6 30.2 296°.93 6°.1/29.5 18

5 31	19 4.97	−40 41.3	2.127	2.998	11.8	20.3
6 10	18 57.89	−41 3.6	2.041	2.974	9.3	20.1
6 20	18 48.49	−41 13.4	1.978	2.950	7.1	20.0
6 30	18 37.68	−41 6.3	1.941	2.925	6.1	19.8
7 10	18 26.69	−40 40.1	1.931	2.901	7.3	19.9
7 20	18 16.76	−39 55.8	1.945	2.877	9.8	20.0
7 30	18 8.96	−38 57.3	1.984	2.853	12.7	20.1
8 9	18 3.99	−37 49.9	2.043	2.828	15.3	20.3

394662 2008 CQ_{11} 6 30.2 99°.56 0°.1/30.2 17

5 31	18 59.69	−22 28.0	2.144	3.038	10.8	21.3
6 10	18 53.74	−22 45.7	2.080	3.040	7.5	21.1
6 20	18 46.15	−23 4.9	2.041	3.043	3.9	20.9
6 30	18 37.63	−23 23.7	2.029	3.045	0.1	20.6
7 10	18 29.09	−23 40.6	2.045	3.048	3.7	20.9
7 20	18 21.39	−23 54.7	2.087	3.051	7.4	21.2
7 30	18 15.29	−24 5.9	2.155	3.053	10.6	21.4
8 9	18 11.32	−24 14.7	2.244	3.056	13.3	21.6

142334 2002 RM_{189} 6 30.2 305°.29 5°.1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.40	−12 48.7	1.372	2.269	15.4	20.2
6 10	18 54.98	−12 19.9	1.299	2.254	11.5	19.9
6 20	18 47.09	−12 2.2	1.247	2.239	7.5	19.7
6 30	18 37.65	−11 57.2	1.219	2.225	5.1	19.5
7 10	18 27.96	−12 5.0	1.214	2.210	7.1	19.6
7 20	18 19.32	−12 24.6	1.233	2.196	11.3	19.8
7 30	18 12.92	−12 53.8	1.274	2.183	15.6	20.0
8 9	18 9.54	−13 29.6	1.332	2.170	19.3	20.2

356979 1995 TR_{11} 6 30.2 175°.93 3°.8/29.7 16

5 31	19 7.11	−30 1.5	1.366	2.269	15.1	22.0
6 10	18 59.83	−30 42.3	1.308	2.270	10.8	21.7
6 20	18 49.63	−31 18.0	1.272	2.270	6.4	21.5
6 30	18 37.72	−31 42.5	1.260	2.271	3.8	21.3
7 10	18 25.74	−31 52.5	1.274	2.271	6.7	21.5
7 20	18 15.32	−31 47.9	1.311	2.271	11.1	21.8
7 30	18 7.74	−31 31.8	1.371	2.271	15.3	22.0
8 9	18 3.73	−31 8.7	1.448	2.270	18.8	22.2

472727 2015 FR_{73} 6 30.2 23°.96 2°.8/30.5 17

5 31	18 59.92	−16 59.8	1.540	2.440	13.8	20.3
6 10	18 54.24	−16 42.7	1.484	2.445	9.9	20.0
6 20	18 46.51	−16 32.2	1.451	2.450	5.7	19.8
6 30	18 37.66	−16 28.1	1.443	2.455	2.8	19.6
7 10	18 28.86	−16 30.0	1.460	2.461	5.3	19.8
7 20	18 21.21	−16 37.0	1.501	2.468	9.4	20.1
7 30	18 15.63	−16 48.3	1.566	2.474	13.2	20.3
8 9	18 12.69	−17 2.8	1.650	2.482	16.5	20.5

352530 2008 CW_{150} 6 30.2 145°.87 3°.2/29.8 17

5 31	19 2.84	−33 55.2	2.595	3.474	9.7	21.4
6 10	18 55.74	−34 8.0	2.535	3.482	7.1	21.3
6 20	18 47.10	−34 13.9	2.500	3.489	4.5	21.1
6 30	18 37.67	−34 10.7	2.493	3.497	3.2	21.0
7 10	18 28.33	−33 57.6	2.515	3.504	4.6	21.1
7 20	18 19.89	−33 35.3	2.564	3.510	7.1	21.3
7 30	18 13.05	−33 5.9	2.640	3.516	9.6	21.5
8 9	18 8.28	−32 32.0	2.737	3.522	11.9	21.6

347399 2012 SR_{11} 6 30.2 267°.04 3°.2/29.8 16

5 31	19 3.01	−30 49.8	1.858	2.753	12.1	20.9
6 10	18 56.43	−31 13.3	1.790	2.747	8.7	20.7
6 20	18 47.69	−31 31.5	1.745	2.742	5.2	20.4
6 30	18 37.69	−31 40.7	1.727	2.737	3.2	20.3
7 10	18 27.62	−31 39.2	1.735	2.731	5.4	20.4
7 20	18 18.62	−31 27.0	1.769	2.726	9.0	20.6
7 30	18 11.70	−31 6.4	1.827	2.720	12.4	20.8
8 9	18 7.47	−30 40.4	1.905	2.715	15.4	21.0

186542 2002 WA_{11} 6 30.2 153°.52 2°.6/30.8 17

5 31	19 2.26	−15 27.6	1.719	2.609	13.2	20.1
6 10	18 55.78	−15 38.1	1.658	2.612	9.5	19.9
6 20	18 47.30	−15 57.1	1.619	2.616	5.5	19.7
6 30	18 37.69	−16 23.1	1.607	2.619	2.6	19.5
7 10	18 28.03	−16 54.2	1.621	2.622	4.9	19.7
7 20	18 19.39	−17 28.3	1.661	2.625	8.9	19.9
7 30	18 12.71	−18 3.6	1.726	2.627	12.6	20.1
8 9	18 8.56	−18 38.8	1.810	2.629	15.8	20.3

313356 2002 GS_{145} 6 30.2 26°.83 3°.4/29.9 17

5 31	19 3.69	−29 19.4	1.146	2.061	16.3	20.3
6 10	18 57.58	−29 44.7	1.099	2.067	11.6	20.1
6 20	18 48.48	−30 4.3	1.072	2.073	6.6	19.8
6 30	18 37.72	−30 13.2	1.068	2.081	3.4	19.7
7 10	18 27.10	−30 8.9	1.087	2.088	6.7	19.9
7 20	18 18.26	−29 52.5	1.129	2.097	11.5	20.2
7 30	18 12.47	−29 27.5	1.191	2.106	16.0	20.5
8 9	18 10.33	−28 58.1	1.270	2.115	19.7	20.7

71682 2000 FU_{11} 6 30.2 228°.49 5°.9/28.7 18

5 31	19 5.73	−39 31.1	2.296	3.165	11.1	19.5
6 10	18 58.32	−40 28.5	2.223	3.155	8.7	19.3
6 20	18 48.71	−41 16.2	2.176	3.145	6.7	19.2
6 30	18 37.73	−41 49.2	2.154	3.134	6.0	19.1
7 10	18 26.53	−42 4.3	2.160	3.123	7.2	19.2
7 20	18 16.28	−42 1.4	2.192	3.112	9.5	19.3
7 30	18 8.00	−41 43.1	2.247	3.100	12.0	19.4
8 9	18 2.37	−41 13.5	2.323	3.088	14.3	19.6

302225 2001 VV_{81} 6 30.2 97°.59 9°.3/29.9 18

5 31	19 7.53	− 5 20.5	1.474	2.336	16.5	20.4
6 10	18 59.28	− 3 28.8	1.435	2.357	13.3	20.2
6 20	18 48.98	− 1 54.0	1.418	2.378	10.5	20.1
6 30	18 37.74	− 0 41.9	1.427	2.398	9.3	20.1
7 10	18 26.81	+ 0 4.5	1.460	2.418	10.4	20.2
7 20	18 17.35	+ 0 25.4	1.518	2.437	12.9	20.4
7 30	18 10.21	+ 0 23.9	1.597	2.456	15.7	20.6
8 9	18 5.87	+ 0 5.2	1.693	2.474	18.2	20.9

352601 2008 ER_{56} 6 30.2 102°.20 1°.4/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.62	−26 40.6	2.291	3.183	10.3	21.4
6 10	18 54.31	−27 3.9	2.235	3.193	7.2	21.2
6 20	18 46.43	−27 25.6	2.204	3.204	3.9	21.0
6 30	18 37.70	−27 43.1	2.200	3.214	1.4	20.8
7 10	18 29.01	−27 55.0	2.224	3.225	3.9	21.0
7 20	18 21.20	−28 1.0	2.276	3.235	7.1	21.3
7 30	18 14.98	−28 1.8	2.353	3.245	10.1	21.5
8 9	18 10.85	−27 58.6	2.452	3.255	12.6	21.7

360679 2004 RJ_{255} 6 30.2 296°.84 6°.7/27.8 18

5 31	19 3.63	−39 42.7	2.168	3.043	11.5	20.2
6 10	18 57.14	−41 1.8	2.088	3.021	9.1	20.0
6 20	18 48.25	−42 12.6	2.031	2.999	7.2	19.9
6 30	18 37.74	−43 9.0	2.001	2.977	6.7	19.8
7 10	18 26.77	−43 46.4	1.997	2.955	8.0	19.8
7 20	18 16.60	−44 3.4	2.018	2.933	10.4	19.9
7 30	18 8.40	−44 1.8	2.062	2.911	13.0	20.1
8 9	18 3.03	−43 45.7	2.125	2.889	15.4	20.2

250882 2005 UN_{489} 6 30.2 183°.87 8°.7/28.2 18

5 31	19 9.04	−51 44.1	2.606	3.424	11.5	20.8
6 10	19 0.69	−52 42.8	2.551	3.424	10.0	20.7
6 20	18 49.93	−53 24.8	2.518	3.424	9.0	20.6
6 30	18 37.78	−53 45.1	2.509	3.423	8.7	20.6
7 10	18 25.59	−53 41.3	2.525	3.423	9.3	20.6
7 20	18 14.65	−53 14.8	2.565	3.422	10.6	20.7
7 30	18 6.06	−52 29.4	2.627	3.421	12.1	20.8
8 9	18 0.46	−51 30.7	2.708	3.420	13.6	20.9

58860 1998 HU_{99} 6 30.2 359°.62 4°.9/ 1.1 18

5 31	18 57.74	− 9 38.1	1.981	2.857	12.3	18.9
6 10	18 52.42	− 9 16.8	1.917	2.857	9.4	18.7
6 20	18 45.51	− 9 6.4	1.875	2.856	6.6	18.5
6 30	18 37.69	− 9 7.9	1.859	2.856	5.0	18.4
7 10	18 29.84	− 9 20.9	1.869	2.856	6.1	18.5
7 20	18 22.79	− 9 44.1	1.905	2.856	8.8	18.7
7 30	18 17.30	−10 15.5	1.965	2.857	11.7	18.9
8 9	18 13.87	−10 52.5	2.045	2.858	14.4	19.0

382361 2013 TR_{94} 6 30.2 300°.74 1°.5/30.4 18

5 31	19 1.42	−19 34.2	1.424	2.329	14.4	21.0
6 10	18 55.86	−19 32.9	1.341	2.306	10.3	20.7
6 20	18 47.67	−19 36.7	1.280	2.282	5.7	20.4
6 30	18 37.76	−19 44.5	1.244	2.259	1.5	20.0
7 10	18 27.43	−19 54.8	1.232	2.236	5.4	20.2
7 20	18 18.08	−20 6.4	1.244	2.213	10.5	20.5
7 30	18 11.01	−20 19.0	1.278	2.191	15.2	20.7
8 9	18 7.07	−20 32.3	1.330	2.169	19.3	20.9

6627 1981 FT 6 30.2 90°.67 2°.1/29.9 18

5 31	19 6.36	−25 53.3	1.252	2.161	15.7	17.0
6 10	18 59.27	−26 32.8	1.204	2.171	11.1	16.8
6 20	18 49.33	−27 11.3	1.178	2.180	5.9	16.5
6 30	18 37.80	−27 43.6	1.175	2.190	2.1	16.3
7 10	18 26.35	−28 6.0	1.197	2.199	6.0	16.6
7 20	18 16.56	−28 17.8	1.242	2.209	10.9	16.9
7 30	18 9.66	−28 20.5	1.310	2.218	15.3	17.2
8 9	18 6.28	−28 17.1	1.395	2.227	18.9	17.4

66616 1999 RY_{200} 6 30.2 265°.70 7°.6/30.4 18

5 31	19 0.31	− 4 49.3	1.908	2.766	13.5	19.2
6 10	18 54.34	− 3 44.3	1.833	2.753	11.0	19.0
6 20	18 46.58	− 2 52.0	1.780	2.740	8.7	18.8
6 30	18 37.75	− 2 15.9	1.753	2.727	7.6	18.7
7 10	18 28.77	− 1 57.9	1.751	2.714	8.6	18.8
7 20	18 20.56	− 1 58.2	1.773	2.700	10.9	18.9
7 30	18 13.99	− 2 14.9	1.819	2.687	13.7	19.0
8 9	18 9.64	− 2 44.7	1.883	2.673	16.3	19.2

513559 2010 RP_{133} 6 30.2 265°.46 8°.2/28.9 18

5 31	19 9.27	−49 45.1	2.500	3.328	11.6	21.3
6 10	19 0.87	−50 22.2	2.423	3.310	10.0	21.2
6 20	18 50.06	−50 42.8	2.369	3.293	8.7	21.1
6 30	18 37.83	−50 41.8	2.339	3.275	8.2	21.0
7 10	18 25.54	−50 17.2	2.335	3.257	8.9	21.0
7 20	18 14.48	−49 30.1	2.356	3.238	10.5	21.1
7 30	18 5.77	−48 24.7	2.400	3.220	12.4	21.2
8 9	18 0.04	−47 7.1	2.464	3.201	14.2	21.3

338818 2003 WX_{65} 6 30.2 178°.68 2°.0/29.7 18

5 31	19 2.48	−27 46.0	2.351	3.238	10.2	21.4
6 10	18 55.72	−28 26.1	2.284	3.240	7.2	21.2
6 20	18 47.25	−29 4.3	2.242	3.241	4.0	21.0
6 30	18 37.78	−29 37.4	2.229	3.241	2.0	20.8
7 10	18 28.22	−30 3.3	2.244	3.241	4.2	21.0
7 20	18 19.47	−30 20.9	2.287	3.241	7.4	21.2
7 30	18 12.31	−30 30.8	2.355	3.240	10.4	21.4
8 9	18 7.31	−30 34.6	2.446	3.239	12.9	21.6

466624 2014 VK_{34} 6 30.2 221°.55 1°.7/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 5.56	−26 0.2	1.580	2.478	13.6	21.9
6 10	18 58.51	−26 28.8	1.511	2.473	9.6	21.7
6 20	18 48.94	−26 56.5	1.465	2.466	5.2	21.4
6 30	18 37.82	−27 19.5	1.445	2.460	1.7	21.2
7 10	18 26.52	−27 34.8	1.451	2.453	5.3	21.4
7 20	18 16.41	−27 41.5	1.483	2.445	9.8	21.6
7 30	18 8.67	−27 41.0	1.537	2.437	13.9	21.9
8 9	18 4.00	−27 35.6	1.611	2.429	17.4	22.1

63503 2001 OE_{72} 6 30.2 300°.98 5°.1/29.8 18

5 31	19 5.65	−32 23.5	1.195	2.104	16.2	18.7
6 10	18 59.61	−32 51.3	1.114	2.077	12.1	18.3
6 20	18 49.97	−33 11.0	1.053	2.050	7.6	18.0
6 30	18 37.85	−33 15.7	1.014	2.023	5.1	17.8
7 10	18 25.08	−33 0.8	0.999	1.996	8.0	17.9
7 20	18 13.71	−32 26.8	1.005	1.969	13.1	18.0
7 30	18 5.52	−31 38.3	1.032	1.943	18.2	18.3
8 9	18 1.58	−30 42.4	1.075	1.918	22.6	18.5

425585 2010 TX_{128} 6 30.2 274°.86 0°.4/30.2 17

5 31	19 4.78	−23 47.6	1.526	2.427	13.9	22.3
6 10	18 58.18	−23 53.3	1.441	2.404	9.9	22.0
6 20	18 48.89	−23 59.6	1.378	2.381	5.2	21.7
6 30	18 37.83	−24 3.7	1.340	2.357	0.4	21.3
7 10	18 26.33	−24 3.7	1.328	2.332	5.2	21.6
7 20	18 15.84	−23 59.3	1.341	2.308	10.3	21.8
7 30	18 7.68	−23 51.6	1.377	2.283	14.9	22.0
8 9	18 2.69	−23 42.5	1.432	2.257	18.8	22.2

18007 1999 JK_{97} 6 30.2 290°.52 2°.1/30.8 18

5 31	19 1.20	−15 32.1	1.663	2.556	13.4	17.5
6 10	18 55.45	−16 7.2	1.576	2.533	9.7	17.2
6 20	18 47.39	−16 53.7	1.513	2.511	5.6	16.9
6 30	18 37.79	−17 49.5	1.475	2.489	2.2	16.7
7 10	18 27.75	−18 51.1	1.463	2.466	5.0	16.8
7 20	18 18.45	−19 54.8	1.477	2.444	9.5	17.0
7 30	18 11.07	−20 57.5	1.515	2.421	13.7	17.2
8 9	18 6.40	−21 56.9	1.573	2.399	17.4	17.4

218810 2006 GF_{38} 6 30.2 101°.85 4°.2/ 1.5 18

5 31	19 0.64	−10 2.4	1.889	2.764	12.9	19.9
6 10	18 54.47	−10 16.5	1.833	2.775	9.7	19.8
6 20	18 46.59	−10 42.9	1.800	2.785	6.4	19.6
6 30	18 37.77	−11 20.9	1.793	2.796	4.3	19.5
7 10	18 28.97	−12 8.1	1.813	2.806	5.5	19.6
7 20	18 21.09	−13 1.8	1.860	2.816	8.6	19.8
7 30	18 14.92	−13 58.9	1.931	2.826	11.7	20.0
8 9	18 10.98	−14 56.6	2.023	2.836	14.5	20.2

177863 2005 QE_{16} 6 30.2 344°.06 5°.7/ 1.4 18

5 31	18 57.50	− 7 41.9	1.875	2.748	13.0	20.0
6 10	18 52.38	− 7 26.9	1.808	2.744	10.1	19.8
6 20	18 45.56	− 7 25.5	1.764	2.740	7.3	19.7
6 30	18 37.75	− 7 38.5	1.744	2.737	5.7	19.6
7 10	18 29.87	− 8 5.3	1.750	2.734	6.7	19.6
7 20	18 22.80	− 8 44.0	1.781	2.732	9.4	19.8
7 30	18 17.34	− 9 31.6	1.836	2.729	12.4	19.9
8 9	18 14.03	−10 24.8	1.911	2.728	15.1	20.1

394359 2007 BW_{68} 6 30.2 79°.41 6°.8/ 2.6 18

5 31	18 57.31	− 0 37.5	2.331	3.165	12.2	21.0
6 10	18 51.91	− 0 34.3	2.271	3.172	10.0	20.8
6 20	18 45.19	− 0 47.3	2.233	3.180	8.0	20.7
6 30	18 37.75	− 1 17.0	2.221	3.187	6.8	20.7
7 10	18 30.30	− 2 2.5	2.235	3.194	7.2	20.7
7 20	18 23.54	− 3 1.2	2.275	3.202	8.9	20.8
7 30	18 18.09	− 4 9.7	2.339	3.209	11.0	21.0
8 9	18 14.40	− 5 24.1	2.426	3.216	13.1	21.1

299726 2006 RN_{38} 6 30.2 268°.69 1°.9/30.6 18

5 31	18 59.79	−17 16.2	2.121	3.009	11.1	21.0
6 10	18 53.97	−17 15.3	2.038	2.993	8.0	20.8
6 20	18 46.41	−17 19.6	1.980	2.977	4.6	20.5
6 30	18 37.79	−17 28.2	1.948	2.961	2.0	20.3
7 10	18 29.00	−17 40.5	1.944	2.945	4.2	20.5
7 20	18 20.91	−17 55.3	1.967	2.929	7.8	20.7
7 30	18 14.35	−18 12.1	2.014	2.912	11.2	20.8
8 9	18 9.91	−18 30.1	2.083	2.895	14.2	21.0

162158 Merrillhess 6 30.2 263°.44 1°.9/30.4 18

5 31	19 1.33	−18 37.8	2.177	3.063	10.9	19.5
6 10	18 55.01	−18 15.7	2.089	3.044	7.9	19.3
6 20	18 46.94	−17 56.2	2.026	3.023	4.4	19.0
6 30	18 37.81	−17 39.1	1.989	3.003	1.9	18.8
7 10	18 28.50	−17 24.6	1.982	2.982	4.2	18.9
7 20	18 19.90	−17 13.0	2.001	2.961	7.9	19.1
7 30	18 12.84	−17 4.5	2.045	2.939	11.3	19.3
8 9	18 7.91	−16 59.3	2.111	2.917	14.2	19.5

510205 2011 CM_{82} 6 30.2 3°.36 0°.1/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.45	−23 3.2	1.278	2.192	15.0	21.1
6 10	18 55.09	−23 0.5	1.222	2.192	10.6	20.8
6 20	18 47.17	−22 59.1	1.187	2.191	5.5	20.5
6 30	18 37.81	−22 57.0	1.176	2.192	0.2	20.1
7 10	18 28.45	−22 53.2	1.188	2.194	5.2	20.5
7 20	18 20.49	−22 47.6	1.224	2.196	10.3	20.8
7 30	18 15.05	−22 41.1	1.281	2.200	14.8	21.1
8 9	18 12.77	−22 34.5	1.356	2.204	18.5	21.3

212896 2007 WR 6 30.2 148°.22 0°.8/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.93	−24 21.5	1.979	2.875	11.4	20.5
6 10	18 54.80	−24 42.4	1.914	2.875	8.0	20.3
6 20	18 46.83	−25 3.6	1.874	2.876	4.2	20.0
6 30	18 37.80	−25 22.6	1.860	2.876	0.8	19.8
7 10	18 28.73	−25 37.6	1.873	2.876	4.1	20.0
7 20	18 20.58	−25 47.9	1.913	2.876	7.9	20.3
7 30	18 14.21	−25 53.7	1.978	2.877	11.4	20.5
8 9	18 10.18	−25 56.2	2.063	2.877	14.3	20.7

323422 2004 EJ_{84} 6 30.2 46°.55 4°.9/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.21	−12 14.7	1.430	2.323	15.1	20.4
6 10	18 55.27	−11 53.2	1.375	2.328	11.3	20.2
6 20	18 47.15	−11 43.7	1.343	2.333	7.3	20.0
6 30	18 37.81	−11 47.0	1.334	2.339	4.9	19.9
7 10	18 28.51	−12 2.3	1.350	2.345	6.7	20.0
7 20	18 20.42	−12 27.8	1.390	2.351	10.4	20.2
7 30	18 14.53	−13 0.8	1.452	2.358	14.2	20.5
8 9	18 11.41	−13 38.5	1.533	2.365	17.5	20.7

126000 2001 YS_{45} 6 30.2 187°.58 1°.2/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.13	−24 47.5	1.817	2.714	12.3	20.2
6 10	18 56.50	−25 17.3	1.752	2.713	8.6	20.0
6 20	18 47.78	−25 47.3	1.711	2.713	4.5	19.7
6 30	18 37.84	−26 14.4	1.697	2.712	1.2	19.5
7 10	18 27.81	−26 36.0	1.709	2.712	4.5	19.7
7 20	18 18.81	−26 51.1	1.748	2.710	8.6	20.0
7 30	18 11.80	−27 0.2	1.811	2.709	12.3	20.2
8 9	18 7.40	−27 4.5	1.894	2.707	15.4	20.4

203679 2002 MK 6 30.3 237°.89 8°.5/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.71	− 0 59.4	1.129	1.993	20.4	20.0
6 10	19 0.70	− 2 2.1	1.057	1.985	16.3	19.7
6 20	18 50.42	− 3 43.1	1.004	1.977	12.0	19.4
6 30	18 37.92	− 6 1.8	0.974	1.968	8.8	19.2
7 10	18 24.81	− 8 50.4	0.968	1.959	9.5	19.2
7 20	18 12.88	−11 55.2	0.987	1.949	13.5	19.4
7 30	18 3.75	−15 1.7	1.029	1.939	18.3	19.6
8 9	17 58.47	−17 58.4	1.091	1.929	22.7	19.9

21885 1999 UY_{27} 6 30.3 313°.46 5°.3/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 57.61	− 8 11.3	2.133	3.001	11.9	18.8
6 10	18 52.30	− 7 44.3	2.063	2.997	9.2	18.6
6 20	18 45.48	− 7 28.4	2.017	2.992	6.7	18.4
6 30	18 37.79	− 7 24.7	1.996	2.987	5.3	18.3
7 10	18 30.04	− 7 33.2	2.002	2.983	6.3	18.4
7 20	18 23.01	− 7 52.9	2.034	2.979	8.7	18.5
7 30	18 17.41	− 8 22.0	2.089	2.975	11.4	18.7
8 9	18 13.75	− 8 57.9	2.166	2.971	14.0	18.8

54754 2001 KJ_{56} 6 30.3 281°.84 2°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.53	−14 2.8	1.760	2.640	13.4	18.1
6 10	18 58.68	−15 3.3	1.655	2.605	9.9	17.8
6 20	18 49.25	−16 19.3	1.573	2.570	5.7	17.5
6 30	18 37.90	−17 48.2	1.519	2.533	2.2	17.2
7 10	18 25.73	−19 24.9	1.493	2.495	5.0	17.3
7 20	18 14.01	−21 3.6	1.495	2.457	9.8	17.5
7 30	18 4.06	−22 39.5	1.523	2.418	14.3	17.6
8 9	17 56.88	−24 9.4	1.572	2.379	18.3	17.8

116815 2004 EQ_{80} 6 30.3 356°.88 2°.2/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.53	−22 5.8	1.210	2.124	15.7	18.1
6 10	18 56.26	−23 52.5	1.151	2.121	11.0	17.8
6 20	18 48.04	−25 48.9	1.114	2.118	5.9	17.5
6 30	18 37.89	−27 45.9	1.102	2.117	2.2	17.3
7 10	18 27.38	−29 33.7	1.114	2.116	6.4	17.6
7 20	18 18.14	−31 5.4	1.150	2.116	11.6	17.8
7 30	18 11.64	−32 18.4	1.207	2.118	16.2	18.1
8 9	18 8.75	−33 13.8	1.283	2.120	20.0	18.4

56814 2000 PD_{29} 6 30.3 66°.96 0°.8/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.97	−18 49.7	1.628	2.526	13.4	18.1
6 10	18 55.81	−19 29.1	1.567	2.528	9.4	17.9
6 20	18 47.48	−20 15.3	1.529	2.531	5.0	17.7
6 30	18 37.88	−21 5.3	1.517	2.533	0.8	17.4
7 10	18 28.18	−21 55.3	1.531	2.535	4.6	17.6
7 20	18 19.52	−22 42.6	1.571	2.538	9.0	17.9
7 30	18 12.93	−23 25.3	1.635	2.540	12.9	18.2
8 9	18 9.04	−24 3.0	1.718	2.543	16.2	18.4

29220 Xavierbaptista 6 30.3 180°.35 0°.6/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.45	−21 45.3	2.487	3.373	9.7	18.8
6 10	18 54.12	−21 33.8	2.418	3.374	6.8	18.6
6 20	18 46.37	−21 22.9	2.374	3.375	3.6	18.4
6 30	18 37.86	−21 12.1	2.358	3.375	0.6	18.1
7 10	18 29.35	−21 1.0	2.372	3.374	3.4	18.3
7 20	18 21.59	−20 49.8	2.413	3.374	6.6	18.6
7 30	18 15.25	−20 39.1	2.480	3.373	9.6	18.7
8 9	18 10.77	−20 29.4	2.570	3.372	12.1	18.9

374425 2005 WK_{113} 6 30.3 143°.77 2°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.23	−14 38.0	2.320	3.194	10.8	22.5
6 10	18 55.34	−14 33.9	2.261	3.208	7.8	22.4
6 20	18 46.99	−14 35.8	2.228	3.220	4.7	22.2
6 30	18 37.87	−14 43.3	2.223	3.232	2.7	22.1
7 10	18 28.81	−14 55.8	2.246	3.243	4.3	22.2
7 20	18 20.58	−15 12.0	2.297	3.253	7.2	22.4
7 30	18 13.85	−15 31.3	2.375	3.263	10.1	22.6
8 9	18 9.07	−15 52.4	2.474	3.272	12.6	22.8

320317 2007 TP_{21} 6 30.3 192°.94 7°.3/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 10.30	−39 25.1	1.672	2.550	14.1	21.1
6 10	19 2.08	−40 26.1	1.612	2.549	11.0	20.9
6 20	18 50.91	−41 14.2	1.574	2.547	8.3	20.7
6 30	18 37.97	−41 42.0	1.561	2.545	7.3	20.6
7 10	18 24.92	−41 45.7	1.573	2.542	8.8	20.7
7 20	18 13.37	−41 26.3	1.610	2.539	11.7	20.9
7 30	18 4.66	−40 48.7	1.669	2.536	14.8	21.1
8 9	17 59.50	−39 59.5	1.747	2.531	17.6	21.2

250920 2005 WW_{27} 6 30.3 139°.69 0°.4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.39	−24 7.8	2.688	3.575	9.1	21.3
6 10	18 53.32	−24 17.0	2.625	3.582	6.3	21.2
6 20	18 45.94	−24 25.8	2.589	3.590	3.3	21.0
6 30	18 37.85	−24 33.1	2.580	3.597	0.4	20.7
7 10	18 29.79	−24 37.8	2.601	3.604	3.2	21.0
7 20	18 22.44	−24 39.7	2.650	3.610	6.2	21.2
7 30	18 16.41	−24 39.1	2.725	3.616	8.9	21.4
8 9	18 12.12	−24 36.8	2.823	3.622	11.2	21.5

181473 2006 TW_{71} 6 30.3 314°.02 1°.3/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.53	−23 31.9	1.366	2.275	14.7	20.5
6 10	18 56.70	−24 18.1	1.300	2.267	10.3	20.2
6 20	18 48.16	−25 8.0	1.256	2.259	5.5	19.9
6 30	18 37.91	−25 56.9	1.236	2.252	1.3	19.6
7 10	18 27.41	−26 40.1	1.241	2.245	5.5	19.9
7 20	18 18.11	−27 14.8	1.270	2.238	10.5	20.1
7 30	18 11.31	−27 40.7	1.321	2.232	15.0	20.4
8 9	18 7.80	−27 59.0	1.391	2.226	18.8	20.6

58625 1997 VE_{2} 6 30.3 123°.41 2°.5/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.18	−15 38.8	2.109	2.988	11.6	19.2
6 10	18 56.06	−15 33.5	2.057	3.007	8.3	19.0
6 20	18 47.38	−15 34.1	2.030	3.025	4.9	18.9
6 30	18 37.90	−15 40.0	2.031	3.042	2.5	18.7
7 10	18 28.55	−15 50.3	2.060	3.059	4.4	18.9
7 20	18 20.16	−16 4.0	2.117	3.075	7.6	19.1
7 30	18 13.44	−16 20.5	2.199	3.090	10.7	19.3
8 9	18 8.86	−16 38.7	2.303	3.105	13.3	19.5

199299 2006 BV_{79} 6 30.3 278°.08 1°.1/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.22	−24 27.4	1.759	2.658	12.5	20.4
6 10	18 56.09	−24 56.3	1.681	2.643	8.8	20.1
6 20	18 47.71	−25 26.4	1.625	2.627	4.7	19.9
6 30	18 37.91	−25 54.5	1.596	2.612	1.1	19.6
7 10	18 27.84	−26 17.8	1.594	2.596	4.7	19.8
7 20	18 18.67	−26 35.0	1.617	2.581	9.0	20.0
7 30	18 11.50	−26 46.1	1.664	2.565	13.0	20.2
8 9	18 7.03	−26 52.4	1.731	2.549	16.4	20.4

69656 1998 FV_{108} 6 30.3 155°.10 0°.4/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.84	−24 23.4	1.643	2.539	13.3	19.7
6 10	18 58.44	−24 21.7	1.583	2.544	9.4	19.4
6 20	18 48.80	−24 19.0	1.547	2.549	4.9	19.2
6 30	18 37.94	−24 13.3	1.537	2.553	0.4	18.9
7 10	18 27.14	−24 3.7	1.554	2.557	4.6	19.2
7 20	18 17.61	−23 50.7	1.596	2.561	9.1	19.5
7 30	18 10.34	−23 35.7	1.663	2.564	13.0	19.7
8 9	18 5.93	−23 20.6	1.749	2.566	16.3	19.9

241752 2001 BD_{40} 6 30.3 253°.51 10°.7/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.41	+ 5 6.5	1.772	2.585	16.3	20.7
6 10	18 56.09	+ 5 20.0	1.689	2.567	14.0	20.5
6 20	18 47.68	+ 5 8.0	1.625	2.549	12.0	20.3
6 30	18 37.92	+ 4 27.0	1.585	2.530	10.7	20.2
7 10	18 27.82	+ 3 16.8	1.569	2.511	11.1	20.2
7 20	18 18.45	+ 1 41.0	1.577	2.491	12.9	20.2
7 30	18 10.83	− 0 14.2	1.608	2.470	15.5	20.3
8 9	18 5.68	− 2 21.0	1.659	2.449	18.1	20.5

282209 2001 VJ_{109} 6 30.3 121°.31 8°.5/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 14.21	−46 25.4	2.254	3.094	12.4	21.6
6 10	19 4.51	−48 4.8	2.217	3.115	10.3	21.5
6 20	18 52.09	−49 27.7	2.204	3.136	8.8	21.4
6 30	18 38.04	−50 26.9	2.218	3.156	8.5	21.4
7 10	18 23.87	−50 59.1	2.258	3.175	9.4	21.5
7 20	18 11.08	−51 5.3	2.323	3.194	11.0	21.6
7 30	18 0.90	−50 50.0	2.410	3.212	12.9	21.8
8 9	17 54.03	−50 19.7	2.516	3.229	14.5	22.0

72723 2001 FH_{93} 6 30.3 2°.96 2°.3/29.8 18

5 31	19 2.09	−27 10.9	1.739	2.638	12.5	19.2
6 10	18 55.92	−27 53.7	1.676	2.638	8.9	18.9
6 20	18 47.57	−28 35.2	1.638	2.638	4.9	18.7
6 30	18 37.93	−29 11.2	1.625	2.638	2.3	18.5
7 10	18 28.18	−29 38.7	1.639	2.639	5.1	18.7
7 20	18 19.51	−29 56.5	1.679	2.639	9.0	18.9
7 30	18 12.91	−30 5.2	1.741	2.640	12.7	19.2
8 9	18 9.04	−30 7.0	1.824	2.640	15.8	19.4

502714 2015 DZ_{24} 6 30.3 188°.40 1°.6/30.0 17

5 31	19 4.61	−26 33.9	1.926	2.818	11.9	22.2
6 10	18 57.49	−26 55.7	1.859	2.818	8.4	22.0
6 20	18 48.31	−27 15.6	1.816	2.817	4.5	21.7
6 30	18 37.95	−27 30.7	1.800	2.815	1.6	21.5
7 10	18 27.52	−27 39.1	1.812	2.813	4.5	21.7
7 20	18 18.12	−27 40.3	1.851	2.811	8.4	22.0
7 30	18 10.68	−27 35.7	1.914	2.808	11.9	22.2
8 9	18 5.81	−27 27.0	1.998	2.804	14.9	22.4

112858 2002 QY_{29} 6 30.3 275°.60 2°.7/29.9 18

5 31	19 2.56	−29 41.4	1.897	2.792	11.9	19.7
6 10	18 56.17	−30 4.5	1.825	2.784	8.5	19.5
6 20	18 47.68	−30 23.5	1.777	2.775	5.0	19.3
6 30	18 37.94	−30 35.0	1.756	2.767	2.7	19.1
7 10	18 28.08	−30 36.9	1.761	2.759	5.1	19.3
7 20	18 19.21	−30 29.4	1.792	2.750	8.7	19.5
7 30	18 12.33	−30 14.0	1.848	2.742	12.2	19.7
8 9	18 8.05	−29 53.4	1.923	2.734	15.3	19.8

323056 2002 RJ_{219} 6 30.3 325°.37 2°.3/30.0 17

5 31	18 59.99	−26 48.8	1.118	2.040	16.1	20.1
6 10	18 55.51	−27 8.5	1.044	2.016	11.6	19.7
6 20	18 47.82	−27 26.9	0.989	1.993	6.4	19.4
6 30	18 37.96	−27 39.6	0.956	1.971	2.3	19.0
7 10	18 27.60	−27 43.1	0.945	1.950	6.5	19.2
7 20	18 18.55	−27 36.5	0.956	1.930	12.2	19.5
7 30	18 12.44	−27 21.7	0.986	1.911	17.5	19.7
8 9	18 10.23	−27 1.9	1.032	1.894	22.0	19.9

318225 2004 RT_{215} 6 30.3 292°.97 11°.6/28.4 18

5 31	19 16.14	−59 22.7	2.328	3.106	13.9	20.4
6 10	19 6.41	−60 14.9	2.265	3.094	12.7	20.3
6 20	18 53.24	−60 44.1	2.222	3.081	11.9	20.2
6 30	18 38.12	−60 43.4	2.200	3.069	11.6	20.2
7 10	18 23.09	−60 10.0	2.200	3.057	12.1	20.2
7 20	18 10.12	−59 6.2	2.222	3.045	13.2	20.2
7 30	18 0.63	−57 38.2	2.264	3.033	14.5	20.3
8 9	17 55.23	−55 54.2	2.325	3.021	16.0	20.4

398443 2011 UB_{48} 6 30.3 227°.61 4°.3/29.2 18

5 31	19 2.88	−35 21.8	2.391	3.271	10.3	21.7
6 10	18 56.20	−36 6.4	2.320	3.264	7.8	21.5
6 20	18 47.65	−36 44.1	2.274	3.258	5.4	21.4
6 30	18 37.98	−37 11.2	2.255	3.251	4.3	21.3
7 10	18 28.17	−37 25.1	2.264	3.243	5.7	21.4
7 20	18 19.20	−37 25.8	2.299	3.236	8.3	21.5
7 30	18 11.94	−37 14.8	2.359	3.228	10.9	21.7
8 9	18 6.99	−36 55.1	2.440	3.221	13.2	21.8

334398 2002 CP_{212} 6 30.3 296°.42 2°.5/30.1 17

5 31	19 3.45	−29 3.5	1.642	2.542	13.1	20.7
6 10	18 57.01	−29 14.8	1.572	2.534	9.4	20.4
6 20	18 48.21	−29 21.5	1.526	2.526	5.3	20.2
6 30	18 38.00	−29 20.3	1.504	2.518	2.5	20.0
7 10	18 27.70	−29 9.6	1.509	2.510	5.3	20.1
7 20	18 18.56	−28 50.0	1.539	2.502	9.5	20.4
7 30	18 11.70	−28 23.8	1.592	2.495	13.4	20.6
8 9	18 7.76	−27 54.3	1.665	2.487	16.8	20.8

336756 2010 NV_{1} 6 30.3 0°.73 1°.4/28.3 15

5 31	18 49.10	−51 33.9	18.934	19.724	1.9	23.5
6 10	18 45.55	−51 46.3	18.911	19.763	1.6	23.5
6 20	18 41.76	−51 56.1	18.914	19.801	1.5	23.5
6 30	18 37.84	−52 3.0	18.944	19.840	1.4	23.5
7 10	18 33.93	−52 6.9	19.001	19.879	1.5	23.5
7 20	18 30.14	−52 7.8	19.084	19.917	1.7	23.5
7 30	18 26.58	−52 5.9	19.192	19.956	2.0	23.6
8 9	18 23.36	−52 1.4	19.323	19.994	2.2	23.6

164028 2003 UA_{241} 6 30.3 282°.66 2°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.04	−17 0.8	1.834	2.725	12.4	19.5
6 10	18 55.02	−16 29.6	1.758	2.714	9.0	19.3
6 20	18 47.07	−16 2.7	1.706	2.702	5.3	19.1
6 30	18 37.98	−15 40.8	1.679	2.690	2.8	18.9
7 10	18 28.77	−15 24.3	1.679	2.679	5.1	19.0
7 20	18 20.45	−15 13.6	1.706	2.667	8.9	19.2
7 30	18 13.92	−15 8.6	1.756	2.655	12.5	19.4
8 9	18 9.78	−15 8.8	1.826	2.644	15.7	19.6

180417 2004 BH_{56} 6 30.3 115°.62 2°.4/30.7 17

5 31	19 4.14	−16 27.2	1.743	2.631	13.1	20.4
6 10	18 57.03	−16 29.1	1.693	2.647	9.4	20.2
6 20	18 48.01	−16 37.7	1.666	2.663	5.4	20.0
6 30	18 38.01	−16 51.8	1.665	2.678	2.4	19.8
7 10	18 28.12	−17 9.9	1.692	2.693	4.8	20.0
7 20	18 19.38	−17 30.7	1.745	2.707	8.6	20.3
7 30	18 12.63	−17 53.0	1.822	2.721	12.2	20.5
8 9	18 8.40	−18 16.0	1.920	2.734	15.2	20.7

394681 2008 CT_{109} 6 30.3 156°.08 2°.8/30.8 17

5 31	18 58.94	−14 32.4	2.347	3.227	10.5	21.5
6 10	18 53.14	−14 21.9	2.281	3.229	7.7	21.3
6 20	18 45.93	−14 17.4	2.240	3.232	4.7	21.1
6 30	18 37.95	−14 19.0	2.226	3.234	2.8	21.0
7 10	18 29.96	−14 26.1	2.240	3.236	4.3	21.1
7 20	18 22.69	−14 38.0	2.281	3.238	7.2	21.3
7 30	18 16.80	−14 53.8	2.348	3.240	10.1	21.5
8 9	18 12.76	−15 12.4	2.436	3.242	12.6	21.6

507352 2011 UW_{361} 6 30.3 172°.99 3°.5/30.7 18

5 31	18 58.88	−11 54.8	2.765	3.631	9.5	21.7
6 10	18 52.91	−11 23.5	2.696	3.634	7.1	21.6
6 20	18 45.75	−10 58.2	2.653	3.636	4.8	21.4
6 30	18 37.95	−10 39.7	2.638	3.637	3.5	21.3
7 10	18 30.15	−10 28.4	2.652	3.639	4.5	21.4
7 20	18 22.98	−10 24.0	2.693	3.639	6.8	21.6
7 30	18 16.98	−10 26.0	2.761	3.640	9.2	21.7
8 9	18 12.57	−10 33.4	2.851	3.640	11.3	21.9

138273 2000 GL_{19} 6 30.3 139°.34 1°.0/30.2 18

5 31	19 4.85	−25 10.7	1.772	2.667	12.6	20.5
6 10	18 57.67	−25 24.0	1.715	2.675	8.8	20.3
6 20	18 48.42	−25 36.1	1.681	2.682	4.6	20.1
6 30	18 38.02	−25 44.5	1.674	2.690	1.0	19.8
7 10	18 27.69	−25 47.7	1.693	2.696	4.5	20.1
7 20	18 18.52	−25 45.6	1.740	2.703	8.6	20.4
7 30	18 11.46	−25 39.3	1.810	2.709	12.3	20.6
8 9	18 7.06	−25 30.6	1.901	2.714	15.3	20.8

257157 2008 HL_{38} 6 30.3 359°.82 3°.0/30.6 18

5 31	18 58.60	−15 19.0	2.086	2.973	11.3	20.2
6 10	18 53.05	−14 52.4	2.020	2.972	8.3	20.0
6 20	18 45.93	−14 31.5	1.979	2.972	5.1	19.8
6 30	18 37.96	−14 16.7	1.963	2.972	3.0	19.6
7 10	18 29.97	−14 8.3	1.975	2.972	4.7	19.7
7 20	18 22.80	−14 6.1	2.013	2.972	7.9	19.9
7 30	18 17.16	−14 9.5	2.076	2.973	11.0	20.1
8 9	18 13.55	−14 17.4	2.160	2.973	13.7	20.3

346657 2008 YW_{2} 6 30.3 175°.50 1°.3/30.0 18

5 31	19 2.04	−25 31.2	2.033	2.927	11.3	21.1
6 10	18 55.62	−25 58.1	1.968	2.928	7.9	20.9
6 20	18 47.34	−26 24.5	1.927	2.928	4.2	20.6
6 30	18 38.00	−26 47.5	1.913	2.929	1.3	20.4
7 10	18 28.59	−27 5.1	1.927	2.929	4.2	20.6
7 20	18 20.10	−27 16.5	1.968	2.929	7.9	20.9
7 30	18 13.39	−27 22.3	2.034	2.929	11.2	21.1
8 9	18 9.02	−27 23.8	2.120	2.929	14.1	21.3

422643 1995 SA_{31} 6 30.3 293°.11 1°.1/30.4 17

5 31	19 2.49	−20 9.1	1.423	2.327	14.5	21.3
6 10	18 56.71	−20 15.0	1.340	2.305	10.4	21.0
6 20	18 48.26	−20 26.0	1.280	2.282	5.6	20.7
6 30	18 38.04	−20 40.4	1.244	2.260	1.1	20.3
7 10	18 27.37	−20 56.0	1.232	2.237	5.3	20.5
7 20	18 17.69	−21 11.6	1.245	2.215	10.5	20.8
7 30	18 10.32	−21 26.5	1.280	2.193	15.3	21.0
8 9	18 6.14	−21 40.9	1.333	2.171	19.4	21.2

257153 2008 HQ_{27} 6 30.3 245°.40 4°.1/30.9 18

5 31	18 58.01	−10 45.2	2.388	3.259	10.7	20.9
6 10	18 52.51	−10 22.0	2.316	3.254	8.1	20.8
6 20	18 45.63	−10 6.9	2.268	3.249	5.5	20.6
6 30	18 37.97	−10 0.7	2.246	3.244	4.1	20.5
7 10	18 30.24	−10 3.4	2.252	3.239	5.2	20.5
7 20	18 23.17	−10 14.3	2.285	3.234	7.7	20.7
7 30	18 17.41	−10 32.4	2.343	3.229	10.3	20.9
8 9	18 13.42	−10 55.8	2.422	3.224	12.8	21.0

518188 2016 NK_{72} 6 30.3 263°.08 0°.9/30.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.28	−20 13.3	1.866	2.760	12.1	21.9
6 10	18 55.23	−20 22.1	1.792	2.751	8.5	21.7
6 20	18 47.21	−20 34.6	1.741	2.742	4.6	21.4
6 30	18 38.01	−20 49.2	1.717	2.733	0.9	21.1
7 10	18 28.66	−21 4.3	1.720	2.724	4.2	21.3
7 20	18 20.19	−21 18.9	1.749	2.714	8.4	21.6
7 30	18 13.52	−21 32.6	1.802	2.705	12.1	21.8
8 9	18 9.28	−21 45.3	1.877	2.695	15.3	22.0

123371 2000 WD_{36} 6 30.3 223°.63 5°.7/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.20	− 9 11.8	1.941	2.811	12.8	19.6
6 10	18 54.96	− 8 21.3	1.872	2.806	9.9	19.4
6 20	18 46.98	− 7 40.8	1.825	2.802	7.2	19.3
6 30	18 38.01	− 7 12.4	1.805	2.796	5.7	19.2
7 10	18 28.97	− 6 57.4	1.811	2.791	6.9	19.2
7 20	18 20.78	− 6 55.5	1.843	2.785	9.6	19.4
7 30	18 14.25	− 7 5.5	1.899	2.780	12.6	19.6
8 9	18 9.92	− 7 25.1	1.974	2.773	15.3	19.7

371933 2008 EQ_{75} 6 30.3 192°.13 3°.6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.45	−13 28.6	1.684	2.570	13.6	21.6
6 10	18 56.08	−13 29.8	1.618	2.569	10.0	21.3
6 20	18 47.66	−13 41.2	1.575	2.568	6.2	21.1
6 30	18 38.03	−14 2.1	1.558	2.567	3.6	21.0
7 10	18 28.31	−14 31.1	1.567	2.565	5.5	21.1
7 20	18 19.59	−15 5.9	1.602	2.563	9.3	21.3
7 30	18 12.81	−15 44.4	1.660	2.561	13.0	21.5
8 9	18 8.60	−16 24.6	1.739	2.559	16.3	21.7

509393 2007 CP_{53} 6 30.3 194°.11 5°.0/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.52	−41 39.1	3.010	3.865	9.2	21.9
6 10	18 57.05	−42 5.7	2.941	3.862	7.3	21.8
6 20	18 47.99	−42 22.2	2.897	3.859	5.6	21.7
6 30	18 38.04	−42 25.7	2.881	3.855	5.0	21.6
7 10	18 28.10	−42 14.9	2.893	3.851	5.8	21.7
7 20	18 18.99	−41 50.7	2.932	3.847	7.5	21.8
7 30	18 11.45	−41 15.3	2.996	3.842	9.5	21.9
8 9	18 5.98	−40 32.0	3.082	3.837	11.3	22.1

376132 2011 AN_{63} 6 30.3 258°.96 1°.8/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.81	−17 36.0	1.723	2.615	13.0	21.1
6 10	18 56.51	−17 47.9	1.642	2.599	9.4	20.9
6 20	18 47.99	−18 6.7	1.584	2.583	5.3	20.6
6 30	18 38.05	−18 30.9	1.551	2.566	1.8	20.3
7 10	18 27.80	−18 58.4	1.546	2.549	4.8	20.5
7 20	18 18.41	−19 27.5	1.567	2.531	9.2	20.7
7 30	18 10.95	−19 56.8	1.611	2.514	13.3	20.9
8 9	18 6.15	−20 25.6	1.675	2.495	16.8	21.1

517013 2012 TS_{326} 6 30.3 240°.85 1°.4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.45	−25 14.8	2.153	3.044	10.9	22.1
6 10	18 55.99	−25 56.8	2.074	3.032	7.7	21.8
6 20	18 47.61	−26 39.6	2.020	3.020	4.1	21.6
6 30	18 38.04	−27 19.8	1.993	3.008	1.4	21.4
7 10	18 28.22	−27 54.6	1.994	2.995	4.2	21.6
7 20	18 19.15	−28 22.3	2.023	2.981	7.9	21.8
7 30	18 11.74	−28 42.8	2.077	2.968	11.3	21.9
8 9	18 6.62	−28 57.1	2.152	2.954	14.1	22.1

273737 2007 EG_{112} 6 30.3 259°.90 8°.9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 9.05	−43 53.8	1.782	2.647	14.0	20.7
6 10	19 1.43	−45 6.7	1.715	2.637	11.5	20.5
6 20	18 50.75	−46 4.6	1.671	2.626	9.5	20.3
6 30	18 38.13	−46 39.7	1.651	2.615	8.9	20.3
7 10	18 25.21	−46 47.4	1.656	2.604	10.1	20.3
7 20	18 13.68	−46 28.4	1.684	2.593	12.5	20.4
7 30	18 4.97	−45 47.3	1.733	2.582	15.1	20.6
8 9	17 59.90	−44 51.3	1.801	2.570	17.7	20.8

49017 1998 QN_{77} 6 30.3 251°.08 5°.3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.45	−11 32.2	1.707	2.587	13.7	19.6
6 10	18 56.11	−10 48.6	1.632	2.576	10.4	19.4
6 20	18 47.71	−10 14.2	1.579	2.564	7.1	19.2
6 30	18 38.05	− 9 50.9	1.552	2.552	5.3	19.0
7 10	18 28.23	− 9 39.8	1.551	2.540	6.8	19.1
7 20	18 19.32	− 9 40.8	1.576	2.528	10.2	19.3
7 30	18 12.31	− 9 52.8	1.623	2.515	13.8	19.4
8 9	18 7.85	−10 13.4	1.690	2.502	17.0	19.6

112958 2002 RX_{13} 6 30.3 336°.79 0°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.45	−20 40.3	1.147	2.065	16.0	19.1
6 10	18 54.83	−20 51.9	1.082	2.053	11.4	18.8
6 20	18 47.35	−21 9.7	1.037	2.041	6.1	18.5
6 30	18 38.05	−21 31.1	1.014	2.031	0.8	18.1
7 10	18 28.49	−21 53.5	1.015	2.021	5.7	18.4
7 20	18 20.25	−22 14.7	1.037	2.013	11.3	18.7
7 30	18 14.69	−22 33.9	1.080	2.005	16.3	19.0
8 9	18 12.63	−22 50.8	1.139	1.999	20.5	19.2

94241 2001 CC_{8} 6 30.3 93°.78 2°.9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.21	−31 53.9	2.356	3.243	10.2	19.6
6 10	18 54.87	−32 14.5	2.295	3.248	7.4	19.4
6 20	18 46.90	−32 29.6	2.260	3.253	4.5	19.2
6 30	18 38.04	−32 36.7	2.252	3.259	2.9	19.1
7 10	18 29.21	−32 34.7	2.271	3.264	4.6	19.2
7 20	18 21.28	−32 23.7	2.318	3.269	7.4	19.4
7 30	18 14.99	−32 5.4	2.389	3.275	10.2	19.6
8 9	18 10.83	−31 42.1	2.482	3.280	12.6	19.8

493753 2015 TL_{260} 6 30.3 273°.60 17°.5/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.08	+ 5 45.6	1.148	1.988	21.6	21.1
6 10	18 57.94	+ 8 26.2	1.092	1.977	19.5	21.0
6 20	18 48.94	+10 39.7	1.054	1.966	17.9	20.8
6 30	18 38.13	+12 13.6	1.035	1.955	17.5	20.8
7 10	18 27.01	+13 0.4	1.035	1.944	18.5	20.8
7 20	18 17.13	+12 59.3	1.052	1.932	20.5	20.9
7 30	18 9.84	+12 15.6	1.085	1.921	23.0	21.0
8 9	18 6.00	+10 59.7	1.131	1.910	25.5	21.1

138943 2001 BT_{30} 6 30.3 115°.95 2°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.62	−15 42.3	1.665	2.553	13.7	19.9
6 10	18 57.46	−15 47.5	1.615	2.569	9.8	19.7
6 20	18 48.31	−16 0.5	1.588	2.584	5.7	19.5
6 30	18 38.11	−16 20.1	1.587	2.599	2.7	19.4
7 10	18 28.03	−16 44.3	1.613	2.614	5.0	19.5
7 20	18 19.13	−17 11.5	1.665	2.628	8.9	19.8
7 30	18 12.31	−17 40.1	1.742	2.642	12.6	20.1
8 9	18 8.09	−18 9.1	1.838	2.655	15.6	20.3

34466 2000 SN_{105} 6 30.3 26°.05 0°.3/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.05	−22 21.7	1.853	2.752	11.9	18.7
6 10	18 54.27	−22 20.7	1.794	2.756	8.4	18.4
6 20	18 46.66	−22 21.0	1.758	2.761	4.4	18.2
6 30	18 38.06	−22 21.2	1.749	2.766	0.3	17.9
7 10	18 29.50	−22 20.5	1.766	2.771	4.1	18.2
7 20	18 21.92	−22 18.7	1.810	2.776	8.0	18.5
7 30	18 16.18	−22 16.0	1.877	2.782	11.6	18.7
8 9	18 12.78	−22 13.2	1.965	2.788	14.5	18.9

480716 2015 TL_{1} 6 30.3 303°.42 2°.7/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.71	−30 56.1	2.070	2.962	11.2	20.5
6 10	18 55.47	−31 5.5	1.998	2.954	8.0	20.3
6 20	18 47.32	−31 9.4	1.950	2.946	4.8	20.1
6 30	18 38.09	−31 5.2	1.928	2.939	2.7	20.0
7 10	18 28.80	−30 51.7	1.934	2.931	4.8	20.1
7 20	18 20.46	−30 29.7	1.967	2.924	8.1	20.3
7 30	18 13.94	−30 1.1	2.023	2.917	11.4	20.5
8 9	18 9.83	−29 28.6	2.101	2.910	14.2	20.6

381433 2008 PJ_{18} 6 30.3 238°.33 4°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.16	−10 31.9	1.972	2.845	12.5	21.3
6 10	18 55.03	−10 12.1	1.895	2.835	9.5	21.1
6 20	18 47.10	−10 2.4	1.841	2.824	6.5	20.9
6 30	18 38.09	−10 3.7	1.813	2.812	4.7	20.7
7 10	18 28.91	−10 15.8	1.811	2.800	6.0	20.8
7 20	18 20.50	−10 37.5	1.836	2.788	9.0	21.0
7 30	18 13.71	−11 7.2	1.886	2.775	12.3	21.1
8 9	18 9.13	−11 42.5	1.956	2.762	15.2	21.3

95061 2002 AR_{59} 6 30.3 89°.65 0°.6/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.43	−24 54.9	1.701	2.600	12.8	19.3
6 10	18 56.76	−24 53.4	1.643	2.605	9.0	19.1
6 20	18 48.00	−24 50.7	1.608	2.610	4.7	18.8
6 30	18 38.11	−24 44.8	1.599	2.616	0.6	18.5
7 10	18 28.29	−24 35.0	1.617	2.621	4.5	18.8
7 20	18 19.65	−24 21.7	1.661	2.626	8.7	19.1
7 30	18 13.14	−24 6.3	1.728	2.632	12.5	19.3
8 9	18 9.29	−23 50.5	1.816	2.637	15.6	19.6

441068 2007 RF_{34} 6 30.3 326°.51 23°.8/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.53	+18 25.9	1.027	1.818	26.8	20.3
6 10	18 54.93	+20 37.0	0.984	1.810	25.5	20.1
6 20	18 47.43	+22 1.7	0.952	1.803	24.4	20.0
6 30	18 38.10	+22 28.2	0.933	1.797	23.9	19.9
7 10	18 28.52	+21 51.4	0.926	1.791	24.0	19.9
7 20	18 20.27	+20 13.8	0.934	1.786	24.8	20.0
7 30	18 14.76	+17 45.1	0.954	1.781	26.1	20.0
8 9	18 12.80	+14 40.5	0.986	1.777	27.7	20.2

468039 2013 QW_{31} 6 30.3 9°.74 7°.0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 57.95	− 9 50.5	1.066	1.973	18.0	20.2
6 10	18 53.56	− 9 22.3	1.018	1.975	13.8	20.0
6 20	18 46.56	− 9 12.9	0.988	1.977	9.5	19.8
6 30	18 38.08	− 9 24.1	0.979	1.981	7.0	19.7
7 10	18 29.59	− 9 55.0	0.992	1.987	8.5	19.8
7 20	18 22.53	−10 41.7	1.026	1.993	12.5	20.0
7 30	18 18.04	−11 39.2	1.079	2.001	16.6	20.3
8 9	18 16.78	−12 41.7	1.150	2.010	20.3	20.5

498386 2007 XL_1 6 30.3 253°.74 2°.5/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.75	−17 57.5	1.637	2.529	13.6	21.8
6 10	18 57.96	−17 36.1	1.555	2.512	9.9	21.5
6 20	18 48.81	−17 18.8	1.496	2.494	5.7	21.2
6 30	18 38.16	−17 5.8	1.463	2.476	2.5	21.0
7 10	18 27.23	−16 56.9	1.456	2.457	5.3	21.1
7 20	18 17.25	−16 52.2	1.475	2.437	9.8	21.3
7 30	18 9.36	−16 51.7	1.517	2.418	14.0	21.5
8 9	18 4.30	−16 55.5	1.578	2.397	17.7	21.7

217835 2001 KO_{40} 6 30.3 6°.56 0°.5/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.92	−17 56.9	1.101	2.017	16.8	18.8
6 10	18 55.97	−19 47.4	1.047	2.017	11.8	18.5
6 20	18 48.01	−21 53.8	1.014	2.018	6.2	18.2
6 30	18 38.14	−24 6.9	1.004	2.021	0.5	17.8
7 10	18 27.96	−26 15.4	1.019	2.024	6.0	18.2
7 20	18 19.15	−28 10.3	1.057	2.029	11.6	18.6
7 30	18 13.17	−29 46.8	1.116	2.035	16.5	18.9
8 9	18 10.87	−31 4.2	1.193	2.042	20.5	19.1

503999 2004 XN_{111} 6 30.3 200°.05 1°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.26	−27 38.1	2.691	3.573	9.3	23.1
6 10	18 56.23	−28 5.0	2.614	3.568	6.6	22.9
6 20	18 47.64	−28 29.8	2.564	3.562	3.6	22.7
6 30	18 38.14	−28 50.1	2.542	3.555	1.6	22.6
7 10	18 28.53	−29 4.3	2.550	3.548	3.7	22.7
7 20	18 19.61	−29 11.8	2.587	3.540	6.7	22.9
7 30	18 12.08	−29 13.4	2.650	3.531	9.4	23.1
8 9	18 6.49	−29 10.3	2.735	3.521	11.8	23.2

496873 2000 SJ_9 6 30.3 195°.07 9°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 19.59	−57 31.3	2.910	3.680	11.6	22.3
6 10	19 8.33	−58 27.5	2.849	3.677	10.4	22.2
6 20	18 54.17	−59 4.4	2.811	3.672	9.6	22.1
6 30	18 38.34	−59 16.2	2.796	3.667	9.4	22.1
7 10	18 22.50	−59 0.6	2.806	3.661	9.9	22.1
7 20	18 8.26	−58 19.2	2.840	3.654	10.8	22.2
7 30	17 56.90	−57 17.0	2.896	3.646	12.1	22.2
8 9	17 49.07	−56 0.7	2.971	3.637	13.4	22.3

134 Sophrosyne 6 30.3 213°.39 6°.0/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.85	−38 53.3	1.962	2.837	12.5	13.1
6 10	19 0.04	−39 27.3	1.895	2.832	9.7	12.9
6 20	18 49.82	−39 49.5	1.851	2.827	7.1	12.8
6 30	18 38.21	−39 54.9	1.833	2.822	6.0	12.7
7 10	18 26.55	−39 41.4	1.841	2.816	7.3	12.8
7 20	18 16.14	−39 10.0	1.875	2.809	10.0	12.9
7 30	18 8.07	−38 24.8	1.933	2.803	12.9	13.1
8 9	18 2.98	−37 31.1	2.011	2.796	15.5	13.2

311885 2006 XH_{18} 6 30.3 244°.92 0°.7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.28	−23 38.3	2.353	3.243	10.1	21.0
6 10	18 54.33	−24 14.2	2.277	3.235	7.1	20.8
6 20	18 46.73	−24 51.7	2.226	3.227	3.7	20.5
6 30	18 38.13	−25 28.1	2.203	3.219	0.7	20.3
7 10	18 29.38	−26 1.1	2.208	3.210	3.7	20.5
7 20	18 21.30	−26 29.4	2.241	3.201	7.1	20.7
7 30	18 14.67	−26 52.5	2.299	3.193	10.2	20.9
8 9	18 10.06	−27 10.8	2.380	3.183	12.9	21.1

203343 2001 UG_{83} 6 30.3 110°.47 1°.0/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.24	−24 18.5	1.459	2.359	14.5	20.0
6 10	18 59.63	−24 45.4	1.412	2.374	10.1	19.8
6 20	18 49.58	−25 12.4	1.387	2.389	5.3	19.5
6 30	18 38.22	−25 35.6	1.388	2.404	1.0	19.3
7 10	18 27.01	−25 52.4	1.414	2.418	5.1	19.6
7 20	18 17.28	−26 2.3	1.467	2.431	9.7	19.9
7 30	18 10.09	−26 6.3	1.542	2.445	13.7	20.2
8 9	18 6.02	−26 6.4	1.636	2.457	17.1	20.4

183537 2003 GY_{54} 6 30.3 306°.47 3°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.27	−12 30.1	1.964	2.848	12.1	20.0
6 10	18 53.08	−12 19.7	1.884	2.832	9.0	19.7
6 20	18 46.14	−12 18.4	1.827	2.816	5.9	19.5
6 30	18 38.12	−12 26.7	1.795	2.801	3.9	19.4
7 10	18 29.92	−12 43.9	1.790	2.785	5.4	19.4
7 20	18 22.43	−13 8.8	1.811	2.770	8.6	19.6
7 30	18 16.49	−13 39.8	1.856	2.756	12.0	19.8
8 9	18 12.71	−14 14.6	1.922	2.741	15.0	19.9

437389 2013 WK_{43} 6 30.3 236°.23 3°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.58	−30 10.2	1.878	2.770	12.1	21.3
6 10	18 57.79	−31 1.8	1.806	2.762	8.8	21.1
6 20	18 48.71	−31 50.0	1.758	2.754	5.3	20.9
6 30	18 38.20	−32 30.2	1.737	2.745	3.4	20.7
7 10	18 27.45	−32 58.7	1.743	2.736	5.7	20.8
7 20	18 17.67	−33 14.3	1.774	2.727	9.3	21.0
7 30	18 9.95	−33 18.3	1.830	2.717	12.7	21.2
8 9	18 4.99	−33 13.4	1.906	2.707	15.7	21.4

181941 1999 TT_{173} 6 30.3 305°.16 1°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.91	−26 13.2	2.049	2.945	11.1	19.7
6 10	18 54.33	−26 44.6	1.969	2.930	7.8	19.5
6 20	18 46.83	−27 15.7	1.913	2.914	4.3	19.2
6 30	18 38.15	−27 43.6	1.884	2.899	1.6	19.0
7 10	18 29.25	−28 5.9	1.882	2.883	4.3	19.2
7 20	18 21.11	−28 21.5	1.907	2.868	8.1	19.4
7 30	18 14.65	−28 30.4	1.956	2.853	11.5	19.5
8 9	18 10.52	−28 34.0	2.025	2.839	14.5	19.7

308131 2004 XE_{147} 6 30.3 187°.58 4°.0/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.50	− 8 53.6	2.002	2.862	12.9	20.4
6 10	18 58.07	− 9 36.1	1.928	2.862	9.7	20.2
6 20	18 48.73	−10 33.1	1.878	2.861	6.4	20.0
6 30	18 38.21	−11 42.7	1.856	2.859	4.1	19.9
7 10	18 27.50	−13 1.3	1.863	2.856	5.3	20.0
7 20	18 17.59	−14 24.9	1.898	2.853	8.6	20.2
7 30	18 9.37	−15 49.3	1.960	2.848	11.9	20.4
8 9	18 3.48	−17 11.4	2.044	2.843	14.9	20.6

386449 2008 WR_{101} 6 30.3 290°.98 1°.6/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.87	−18 24.0	1.721	2.618	12.8	20.7
6 10	18 55.16	−18 30.1	1.643	2.602	9.2	20.5
6 20	18 47.33	−18 42.1	1.587	2.587	5.1	20.2
6 30	18 38.17	−18 58.6	1.557	2.572	1.7	19.9
7 10	18 28.77	−19 18.0	1.554	2.557	4.7	20.1
7 20	18 20.24	−19 39.0	1.576	2.542	9.0	20.3
7 30	18 13.59	−20 0.5	1.621	2.528	13.0	20.5
8 9	18 9.52	−20 21.9	1.687	2.513	16.4	20.7

387761 2003 SH_{130} 6 30.3 301°.96 7°.8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.24	−41 34.1	1.677	2.555	14.1	20.6
6 10	19 0.20	−42 9.1	1.598	2.532	11.3	20.3
6 20	18 50.17	−42 29.0	1.539	2.510	8.8	20.1
6 30	18 38.26	−42 27.2	1.505	2.487	7.8	20.0
7 10	18 26.07	−42 0.3	1.495	2.465	9.1	20.0
7 20	18 15.25	−41 9.7	1.509	2.443	12.0	20.2
7 30	18 7.19	−40 0.8	1.545	2.422	15.2	20.3
8 9	18 2.68	−38 40.8	1.600	2.400	18.3	20.5

12796 Kamenrider 6 30.3 250°.29 3°.6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.13	−15 26.2	1.799	2.683	13.0	19.7
6 10	18 57.33	−14 46.5	1.716	2.667	9.6	19.4
6 20	18 48.42	−14 11.7	1.657	2.650	5.9	19.2
6 30	18 38.21	−13 43.0	1.624	2.632	3.6	19.0
7 10	18 27.79	−13 21.4	1.618	2.614	5.7	19.1
7 20	18 18.23	−13 7.4	1.638	2.595	9.5	19.3
7 30	18 10.55	−13 1.3	1.682	2.575	13.3	19.5
8 9	18 5.41	−13 2.3	1.747	2.556	16.6	19.6

51450 2001 FS_{30} 6 30.3 348°.21 2°.1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.08	−17 56.1	1.193	2.106	16.0	18.6
6 10	18 55.12	−18 6.2	1.133	2.101	11.5	18.3
6 20	18 47.47	−18 25.5	1.093	2.096	6.4	18.0
6 30	18 38.18	−18 52.1	1.076	2.091	2.1	17.7
7 10	18 28.73	−19 23.2	1.083	2.088	5.7	17.9
7 20	18 20.58	−19 56.1	1.112	2.086	10.9	18.2
7 30	18 15.01	−20 29.0	1.161	2.084	15.6	18.5
8 9	18 12.73	−21 0.3	1.229	2.083	19.6	18.7

288552 2004 GG_{57} 6 30.3 53°.53 0°.9/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.85	−24 28.2	1.357	2.265	14.8	21.0
6 10	18 57.37	−24 42.9	1.311	2.277	10.4	20.7
6 20	18 48.44	−24 57.5	1.287	2.290	5.4	20.5
6 30	18 38.21	−25 9.0	1.287	2.304	0.9	20.2
7 10	18 28.14	−25 15.3	1.313	2.317	5.1	20.5
7 20	18 19.56	−25 16.2	1.362	2.331	9.9	20.9
7 30	18 13.53	−25 13.0	1.434	2.345	14.0	21.1
8 9	18 10.60	−25 7.3	1.525	2.360	17.4	21.4

334403 2002 CC_{277} 6 30.3 63°.47 6°.9/ 2.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.02	− 1 13.0	2.160	3.000	12.8	20.6
6 10	18 52.60	− 1 10.8	2.102	3.008	10.4	20.5
6 20	18 45.76	− 1 25.4	2.066	3.016	8.3	20.3
6 30	18 38.13	− 1 57.7	2.055	3.025	7.0	20.3
7 10	18 30.51	− 2 46.2	2.070	3.034	7.4	20.3
7 20	18 23.62	− 3 48.2	2.110	3.042	9.2	20.5
7 30	18 18.15	− 5 0.0	2.176	3.051	11.4	20.6
8 9	18 14.56	− 6 17.2	2.262	3.060	13.7	20.8

106018 2000 SK_{294} 6 30.3 128°.49 2°.2/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.52	−30 28.8	2.415	3.300	10.0	19.5
6 10	18 55.71	−30 29.1	2.354	3.308	7.2	19.3
6 20	18 47.35	−30 24.3	2.319	3.315	4.1	19.1
6 30	18 38.19	−30 12.7	2.311	3.322	2.2	19.0
7 10	18 29.11	−29 53.8	2.332	3.329	4.0	19.1
7 20	18 20.96	−29 28.4	2.380	3.336	7.0	19.3
7 30	18 14.43	−28 58.4	2.454	3.343	9.8	19.5
8 9	18 9.98	−28 26.1	2.551	3.349	12.3	19.7

91411 1999 NJ_{41} 6 30.3 272°.71 6°.3/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 7.95	−39 41.0	1.879	2.754	12.9	18.4
6 10	19 0.34	−40 6.1	1.799	2.736	10.1	18.2
6 20	18 50.11	−40 18.1	1.742	2.718	7.5	18.0
6 30	18 38.28	−40 11.8	1.710	2.699	6.3	17.9
7 10	18 26.27	−39 44.7	1.705	2.680	7.7	17.9
7 20	18 15.50	−38 58.3	1.724	2.661	10.5	18.1
7 30	18 7.18	−37 57.1	1.767	2.642	13.7	18.2
8 9	18 2.02	−36 47.3	1.830	2.622	16.6	18.4

425643 2010 VS_{184} 6 30.3 309°.28 4°.3/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.08	−29 4.0	1.240	2.153	15.5	20.4
6 10	18 57.78	−30 7.3	1.161	2.128	11.3	20.1
6 20	18 49.19	−31 10.8	1.104	2.104	6.9	19.7
6 30	18 38.26	−32 6.9	1.069	2.080	4.4	19.5
7 10	18 26.63	−32 48.9	1.058	2.056	7.6	19.6
7 20	18 16.16	−33 13.5	1.070	2.033	12.6	19.8
7 30	18 8.55	−33 21.5	1.101	2.011	17.4	20.0
8 9	18 4.90	−33 16.8	1.149	1.989	21.7	20.2

281980 2011 HB_{11} 6 30.3 67°.93 2°.3/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.87	−27 59.6	1.616	2.516	13.3	20.5
6 10	18 57.24	−28 23.4	1.563	2.525	9.4	20.3
6 20	18 48.35	−28 43.9	1.533	2.533	5.2	20.1
6 30	18 38.23	−28 57.4	1.528	2.541	2.3	19.9
7 10	18 28.17	−29 2.0	1.549	2.550	5.2	20.1
7 20	18 19.40	−28 57.8	1.596	2.558	9.2	20.4
7 30	18 12.91	−28 46.6	1.665	2.567	13.0	20.6
8 9	18 9.28	−28 31.0	1.755	2.576	16.1	20.8

35329 1997 EG_{34} 6 30.3 133°.84 0°.5/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.91	−20 32.4	2.380	3.268	10.1	19.8
6 10	18 53.91	−20 49.0	2.317	3.274	7.1	19.6
6 20	18 46.45	−21 8.2	2.280	3.281	3.7	19.4
6 30	18 38.17	−21 28.4	2.270	3.287	0.5	19.2
7 10	18 29.89	−21 48.3	2.289	3.292	3.4	19.4
7 20	18 22.35	−22 6.8	2.335	3.298	6.7	19.6
7 30	18 16.24	−22 23.6	2.407	3.303	9.7	19.8
8 9	18 12.04	−22 38.6	2.502	3.309	12.2	20.0

342308 2008 TG_{65} 6 30.3 353°.38 10°.1/29.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.39	−42 46.1	1.248	2.141	16.9	19.7
6 10	18 58.71	−43 45.0	1.194	2.135	13.7	19.5
6 20	18 49.53	−44 24.6	1.160	2.130	11.1	19.4
6 30	18 38.27	−44 36.3	1.147	2.126	10.1	19.3
7 10	18 26.97	−44 16.3	1.155	2.123	11.4	19.4
7 20	18 17.60	−43 26.9	1.185	2.122	14.3	19.5
7 30	18 11.66	−42 15.5	1.233	2.121	17.5	19.7
8 9	18 9.83	−40 51.2	1.299	2.122	20.5	19.9

471556 2012 PJ_{13} 6 30.3 328°.32 1°.9/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.91	−28 3.2	1.538	2.441	13.6	20.8
6 10	18 56.77	−28 3.1	1.471	2.434	9.7	20.5
6 20	18 48.21	−27 58.7	1.426	2.428	5.3	20.2
6 30	18 38.23	−27 47.3	1.406	2.421	1.9	20.0
7 10	18 28.20	−27 27.9	1.412	2.415	5.2	20.2
7 20	18 19.40	−27 1.5	1.443	2.410	9.6	20.4
7 30	18 12.95	−26 30.7	1.496	2.404	13.7	20.7
8 9	18 9.48	−25 58.3	1.569	2.400	17.2	20.9

237953 2002 RS_{69} 6 30.3 339°.89 8°.6/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.22	−38 37.9	1.174	2.084	16.4	18.9
6 10	18 55.25	−39 28.8	1.103	2.060	13.0	18.6
6 20	18 47.86	−40 5.8	1.052	2.037	9.8	18.4
6 30	18 38.23	−40 20.4	1.022	2.015	8.6	18.3
7 10	18 28.19	−40 7.5	1.012	1.996	10.4	18.3
7 20	18 19.69	−39 27.4	1.023	1.978	14.1	18.4
7 30	18 14.41	−38 25.6	1.053	1.962	18.1	18.6
8 9	18 13.24	−37 10.1	1.100	1.949	21.8	18.8

246357 2007 TP_{331} 6 30.3 333°.09 0°.6/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.18	−24 40.2	1.720	2.622	12.6	20.3
6 10	18 55.32	−24 43.5	1.653	2.616	8.8	20.1
6 20	18 47.37	−24 46.2	1.609	2.611	4.6	19.8
6 30	18 38.21	−24 46.4	1.590	2.607	0.6	19.5
7 10	18 28.98	−24 42.9	1.598	2.602	4.4	19.8
7 20	18 20.79	−24 35.6	1.632	2.598	8.7	20.0
7 30	18 14.61	−24 25.6	1.688	2.595	12.5	20.3
8 9	18 11.04	−24 14.2	1.765	2.591	15.8	20.5

95236 2002 CL_{40} 6 30.3 27°.88 3°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.29	−16 57.3	1.406	2.307	14.8	18.5
6 10	18 56.12	−15 55.3	1.354	2.314	10.8	18.3
6 20	18 47.74	−14 58.5	1.324	2.321	6.5	18.0
6 30	18 38.23	−14 9.5	1.319	2.328	3.9	17.9
7 10	18 28.86	−13 30.1	1.339	2.337	6.3	18.1
7 20	18 20.83	−13 1.6	1.383	2.346	10.3	18.3
7 30	18 15.08	−12 44.1	1.449	2.355	14.2	18.6
8 9	18 12.14	−12 36.2	1.534	2.365	17.5	18.8

13759 1998 SK_{123} 6 30.3 282°.10 0°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.82	−25 23.6	2.375	3.266	10.0	18.9
6 10	18 54.05	−25 37.3	2.289	3.248	7.0	18.7
6 20	18 46.63	−25 50.3	2.228	3.229	3.7	18.4
6 30	18 38.20	−26 0.9	2.195	3.211	0.9	18.2
7 10	18 29.59	−26 7.6	2.190	3.192	3.7	18.4
7 20	18 21.64	−26 10.0	2.212	3.174	7.1	18.6
7 30	18 15.14	−26 8.4	2.260	3.155	10.3	18.7
8 9	18 10.65	−26 4.0	2.329	3.136	13.0	18.9

514433 2016 UJ_{22} 6 30.3 286°.29 2°.2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.11	−16 27.0	1.913	2.803	12.0	21.3
6 10	18 54.49	−16 33.8	1.830	2.786	8.7	21.0
6 20	18 46.95	−16 47.7	1.771	2.769	5.0	20.8
6 30	18 38.21	−17 7.7	1.738	2.751	2.2	20.6
7 10	18 29.23	−17 32.3	1.732	2.734	4.5	20.7
7 20	18 20.99	−18 0.0	1.753	2.717	8.4	20.9
7 30	18 14.41	−18 29.4	1.797	2.700	12.1	21.1
8 9	18 10.15	−18 59.3	1.863	2.683	15.3	21.2

90932 1997 TC_{1} 6 30.3 282°.19 2°.6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.69	−28 11.4	1.335	2.242	15.1	19.4
6 10	18 59.17	−28 27.0	1.264	2.228	10.8	19.1
6 20	18 49.68	−28 38.6	1.214	2.215	6.1	18.8
6 30	18 38.30	−28 42.1	1.187	2.201	2.6	18.6
7 10	18 26.65	−28 34.7	1.186	2.188	6.1	18.7
7 20	18 16.35	−28 16.9	1.208	2.174	11.1	19.0
7 30	18 8.80	−27 51.5	1.251	2.161	15.8	19.2
8 9	18 4.82	−27 22.5	1.313	2.147	19.7	19.4

54677 2000 YD_{40} 6 30.3 198°.90 0°.1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.23	−21 52.5	1.922	2.815	11.8	19.7
6 10	18 55.88	−22 10.8	1.854	2.814	8.3	19.5
6 20	18 47.62	−22 31.4	1.811	2.812	4.4	19.2
6 30	18 38.24	−22 52.3	1.794	2.811	0.2	18.9
7 10	18 28.77	−23 11.4	1.805	2.809	4.1	19.2
7 20	18 20.21	−23 27.6	1.842	2.806	8.1	19.4
7 30	18 13.47	−23 40.9	1.904	2.804	11.7	19.6
8 9	18 9.13	−23 51.7	1.987	2.801	14.7	19.9

209492 2004 JA_{6} 6 30.3 345°.62 2°.5/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.28	− 8 56.6	0.945	1.843	20.5	19.1
6 10	19 1.73	−11 26.6	0.883	1.841	15.1	18.8
6 20	18 51.39	−14 35.5	0.841	1.839	8.7	18.4
6 30	18 38.38	−18 12.0	0.823	1.838	2.8	18.1
7 10	18 24.62	−21 56.2	0.831	1.837	6.8	18.3
7 20	18 12.27	−25 27.4	0.863	1.836	13.4	18.7
7 30	18 3.30	−28 32.0	0.918	1.836	19.3	19.0
8 9	17 58.87	−31 5.5	0.990	1.836	24.0	19.3

123014 2000 SB_{265} 6 30.3 205°.09 1°.6/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.92	−27 9.3	2.343	3.228	10.3	21.0
6 10	18 56.89	−27 34.6	2.267	3.222	7.3	20.7
6 20	18 48.10	−27 58.0	2.217	3.216	4.0	20.5
6 30	18 38.27	−28 16.8	2.195	3.209	1.6	20.3
7 10	18 28.30	−28 29.3	2.202	3.201	4.0	20.5
7 20	18 19.13	−28 34.8	2.237	3.193	7.4	20.7
7 30	18 11.56	−28 34.1	2.297	3.184	10.5	20.9
8 9	18 6.18	−28 29.0	2.380	3.174	13.2	21.1

306262 2011 RR_{8} 6 30.3 171°.72 5°.8/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.65	− 3 26.6	2.588	3.427	11.0	22.0
6 10	18 52.90	− 3 6.6	2.521	3.430	8.8	21.9
6 20	18 45.90	− 2 58.9	2.478	3.432	6.9	21.8
6 30	18 38.19	− 3 4.5	2.462	3.434	5.8	21.7
7 10	18 30.46	− 3 23.3	2.472	3.436	6.4	21.7
7 20	18 23.34	− 3 53.7	2.509	3.437	8.1	21.8
7 30	18 17.43	− 4 33.8	2.572	3.438	10.2	22.0
8 9	18 13.16	− 5 20.8	2.656	3.438	12.3	22.1

28623 2000 FX_{29} 6 30.3 160°.85 3°.5/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.33	−31 8.9	1.820	2.710	12.5	19.6
6 10	18 58.93	−31 46.9	1.760	2.714	9.1	19.4
6 20	18 49.27	−32 19.3	1.724	2.718	5.5	19.2
6 30	18 38.32	−32 41.6	1.714	2.722	3.5	19.1
7 10	18 27.34	−32 51.4	1.731	2.725	5.7	19.2
7 20	18 17.54	−32 48.7	1.775	2.727	9.2	19.4
7 30	18 9.96	−32 35.7	1.842	2.730	12.6	19.7
8 9	18 5.22	−32 15.8	1.929	2.731	15.5	19.9

392969 2012 XT_{21} 6 30.3 280°.28 0°.0/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.24	−22 25.1	1.879	2.776	11.9	21.2
6 10	18 55.30	−22 39.0	1.805	2.767	8.4	21.0
6 20	18 47.38	−22 54.9	1.755	2.757	4.4	20.7
6 30	18 38.27	−23 10.7	1.731	2.748	0.1	20.3
7 10	18 29.00	−23 24.7	1.735	2.739	4.2	20.7
7 20	18 20.62	−23 36.0	1.764	2.729	8.3	20.9
7 30	18 14.04	−23 44.5	1.817	2.720	12.0	21.1
8 9	18 9.90	−23 50.8	1.892	2.711	15.1	21.3

338813 2003 WB_{38} 6 30.3 187°.25 8°.7/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.30	+ 1 45.5	2.448	3.256	12.4	20.5
6 10	18 56.19	+ 3 22.8	2.382	3.256	10.7	20.4
6 20	18 47.64	+ 4 46.4	2.341	3.255	9.3	20.3
6 30	18 38.28	+ 5 52.3	2.327	3.253	8.7	20.3
7 10	18 28.88	+ 6 37.8	2.339	3.251	9.3	20.3
7 20	18 20.16	+ 7 2.6	2.377	3.249	10.8	20.4
7 30	18 12.82	+ 7 8.0	2.438	3.246	12.5	20.5
8 9	18 7.32	+ 6 57.3	2.519	3.243	14.3	20.7

325097 2008 DJ_{78} 6 30.3 77°.36 6°.0/29.5 16

5 31	19 4.78	−40 9.0	2.167	3.038	11.6	20.8
6 10	18 57.67	−40 48.1	2.115	3.048	9.1	20.7
6 20	18 48.53	−41 15.4	2.087	3.057	6.9	20.5
6 30	18 38.30	−41 26.8	2.085	3.067	6.0	20.5
7 10	18 28.16	−41 20.6	2.109	3.076	7.0	20.6
7 20	18 19.18	−40 58.1	2.159	3.086	9.2	20.7
7 30	18 12.29	−40 22.4	2.232	3.096	11.7	20.9
8 9	18 8.01	−39 38.0	2.326	3.105	13.9	21.1

12847 1997 NQ_2 6 30.3 86°.34 0°.9/30.5 18

5 31	19 10.74	−29 29.5	1.895	2.777	12.5	17.8
6 10	19 1.47	−28 23.3	1.837	2.791	8.8	17.6
6 20	18 50.32	−27 8.5	1.805	2.804	4.7	17.4
6 30	18 38.36	−25 45.9	1.802	2.818	0.9	17.2
7 10	18 26.83	−24 18.6	1.829	2.831	4.2	17.4
7 20	18 16.77	−22 51.0	1.884	2.845	8.2	17.7
7 30	18 8.98	−21 27.5	1.966	2.858	11.8	18.0
8 9	18 3.88	−20 11.5	2.070	2.871	14.7	18.2

358944 2008 JR_{22} 6 30.3 356°.79 4°.3/ 1.3 16

5 31	18 57.65	−10 8.8	2.086	2.962	11.8	20.9
6 10	18 52.49	−10 2.8	2.020	2.961	8.9	20.7
6 20	18 45.80	−10 7.5	1.977	2.960	6.1	20.5
6 30	18 38.23	−10 23.0	1.959	2.959	4.4	20.4
7 10	18 30.60	−10 48.6	1.968	2.959	5.4	20.5
7 20	18 23.71	−11 22.4	2.004	2.959	8.2	20.6
7 30	18 18.28	−12 2.3	2.064	2.959	11.1	20.8
8 9	18 14.81	−12 45.8	2.145	2.959	13.8	21.0

2023 Asaph 6 30.3 307°.11 13°.2/25.9 18

5 31	19 13.89	−55 47.5	1.848	2.662	15.7	16.0
6 10	19 5.87	−57 13.1	1.771	2.633	14.3	15.9
6 20	18 53.64	−58 16.7	1.714	2.603	13.4	15.7
6 30	18 38.50	−58 47.9	1.678	2.574	13.3	15.7
7 10	18 22.67	−58 40.8	1.663	2.545	14.2	15.6
7 20	18 8.65	−57 55.6	1.669	2.516	15.8	15.7
7 30	17 58.46	−56 38.7	1.693	2.487	17.7	15.7
8 9	17 53.12	−54 59.9	1.733	2.458	19.8	15.8

62994 2000 WZ_{14} 6 30.3 310°.86 3°.9/29.3 18

5 31	19 1.37	−31 32.3	1.949	2.844	11.6	19.2
6 10	18 55.57	−32 24.2	1.874	2.830	8.5	19.0
6 20	18 47.62	−33 12.3	1.822	2.816	5.4	18.8
6 30	18 38.30	−33 52.0	1.797	2.802	3.9	18.7
7 10	18 28.72	−34 19.8	1.798	2.788	5.8	18.8
7 20	18 20.00	−34 34.6	1.824	2.775	9.1	18.9
7 30	18 13.19	−34 37.3	1.874	2.762	12.4	19.1
8 9	18 8.99	−34 30.6	1.945	2.750	15.3	19.3

93287 2000 SG_{194} 6 30.3 216°.04 0°.6/30.4 18

5 31	19 2.87	−21 10.6	1.975	2.866	11.7	20.7
6 10	18 56.31	−21 12.8	1.903	2.861	8.3	20.5
6 20	18 47.87	−21 17.2	1.854	2.855	4.4	20.2
6 30	18 38.31	−21 22.2	1.833	2.849	0.7	19.9
7 10	18 28.65	−21 26.9	1.839	2.842	4.1	20.2
7 20	18 19.88	−21 30.6	1.872	2.836	8.0	20.4
7 30	18 12.88	−21 33.6	1.930	2.828	11.6	20.6
8 9	18 8.23	−21 36.3	2.009	2.821	14.6	20.8

315435 2007 VQ_{301} 6 30.3 133°.33 2°.0/30.0 17

5 31	19 6.29	−26 47.6	1.543	2.442	13.9	20.9
6 10	18 59.08	−27 17.4	1.487	2.449	9.8	20.6
6 20	18 49.41	−27 45.1	1.454	2.455	5.3	20.4
6 30	18 38.36	−28 6.6	1.447	2.461	2.0	20.2
7 10	18 27.33	−28 19.3	1.466	2.467	5.3	20.4
7 20	18 17.64	−28 22.8	1.510	2.473	9.6	20.7
7 30	18 10.39	−28 18.8	1.578	2.478	13.6	20.9
8 9	18 6.20	−28 9.9	1.665	2.483	16.9	21.2

52800 1998 QT_{60} 6 30.3 236°.61 3°.9/30.3 18

5 31	19 11.01	−35 53.5	2.260	3.128	11.3	18.3
6 10	19 2.04	−35 50.9	2.170	3.110	8.5	18.1
6 20	18 50.87	−35 37.4	2.105	3.091	5.6	17.9
6 30	18 38.42	−35 9.9	2.069	3.070	3.9	17.8
7 10	18 25.88	−34 27.5	2.061	3.049	5.5	17.8
7 20	18 14.40	−33 31.9	2.083	3.027	8.6	18.0
7 30	18 4.99	−32 27.2	2.130	3.004	11.7	18.1
8 9	17 58.27	−31 18.5	2.200	2.980	14.5	18.3

175522 2006 SQ_{62} 6 30.3 6°.45 3°.7/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.80	−28 26.6	1.287	2.198	15.2	19.7
6 10	18 57.84	−29 26.3	1.232	2.198	10.9	19.4
6 20	18 48.98	−30 24.1	1.198	2.198	6.4	19.2
6 30	18 38.36	−31 13.1	1.188	2.199	3.7	19.0
7 10	18 27.60	−31 48.3	1.202	2.200	6.7	19.2
7 20	18 18.29	−32 8.2	1.239	2.202	11.3	19.5
7 30	18 11.76	−32 14.3	1.298	2.204	15.5	19.7
8 9	18 8.75	−32 10.2	1.374	2.207	19.1	20.0

303927 2005 UV_{392} 6 30.3 173°.71 0°.3/30.4 18

5 31	18 59.61	−21 32.4	2.666	3.551	9.2	21.9
6 10	18 53.63	−21 42.5	2.597	3.553	6.5	21.7
6 20	18 46.33	−21 54.1	2.554	3.554	3.4	21.5
6 30	18 38.28	−22 5.9	2.539	3.556	0.3	21.3
7 10	18 30.19	−22 17.0	2.553	3.557	3.1	21.5
7 20	18 22.76	−22 26.7	2.596	3.557	6.2	21.7
7 30	18 16.62	−22 34.9	2.664	3.558	9.0	21.9
8 9	18 12.21	−22 41.9	2.756	3.558	11.4	22.1

428224 2006 WX_{34} 6 30.3 346°.56 0°.3/30.4 17

5 31	19 1.39	−20 4.1	1.285	2.196	15.3	20.1
6 10	18 56.03	−20 43.5	1.224	2.191	10.8	19.8
6 20	18 48.00	−21 30.6	1.184	2.187	5.7	19.5
6 30	18 38.33	−22 21.5	1.168	2.184	0.4	19.1
7 10	18 28.46	−23 11.5	1.175	2.181	5.3	19.5
7 20	18 19.83	−23 57.3	1.207	2.179	10.5	19.8
7 30	18 13.69	−24 37.1	1.260	2.178	15.1	20.0
8 9	18 10.82	−25 10.7	1.332	2.177	18.9	20.3

29195 1990 WF_5 6 30.3 164°.42 0°.8/30.5 18

5 31	19 3.50	−19 22.1	1.831	2.722	12.5	19.4
6 10	18 56.82	−19 48.8	1.768	2.726	8.8	19.2
6 20	18 48.16	−20 20.6	1.728	2.729	4.7	19.0
6 30	18 38.34	−20 54.9	1.715	2.731	0.9	18.7
7 10	18 28.44	−21 29.1	1.730	2.734	4.2	19.0
7 20	18 19.52	−22 1.4	1.771	2.736	8.3	19.2
7 30	18 12.49	−22 30.8	1.837	2.737	12.0	19.4
8 9	18 7.96	−22 57.2	1.924	2.738	15.1	19.6

507527 2012 VK_{108} 6 30.3 150°.51 5°.2/30.9 17

5 31	19 0.37	− 7 15.8	2.493	3.346	10.9	22.2
6 10	18 54.10	− 6 31.6	2.431	3.354	8.5	22.0
6 20	18 46.54	− 5 56.9	2.395	3.361	6.3	21.9
6 30	18 38.29	− 5 33.3	2.385	3.368	5.2	21.9
7 10	18 30.07	− 5 21.4	2.403	3.374	6.0	21.9
7 20	18 22.55	− 5 20.8	2.448	3.380	8.1	22.1
7 30	18 16.34	− 5 30.3	2.518	3.386	10.4	22.2
8 9	18 11.87	− 5 47.9	2.610	3.391	12.5	22.4

377592 2005 OT_{12} 6 30.3 293°.67 1°.7/30.1 18

5 31	19 3.39	−25 38.1	1.511	2.415	13.8	20.9
6 10	18 57.45	−26 5.6	1.427	2.391	9.9	20.6
6 20	18 48.81	−26 33.7	1.366	2.368	5.4	20.3
6 30	18 38.37	−26 58.4	1.329	2.345	1.7	20.0
7 10	18 27.46	−27 16.5	1.318	2.321	5.4	20.2
7 20	18 17.53	−27 26.3	1.331	2.298	10.3	20.4
7 30	18 9.91	−27 28.7	1.367	2.274	14.8	20.6
8 9	18 5.48	−27 25.7	1.422	2.251	18.7	20.8

478285 2011 WU_5 6 30.3 217°.49 0°.4/30.3 18

5 31	19 0.38	−23 52.5	2.580	3.466	9.4	22.4
6 10	18 54.28	−24 6.8	2.503	3.460	6.6	22.2
6 20	18 46.72	−24 21.3	2.452	3.453	3.5	22.0
6 30	18 38.30	−24 34.5	2.429	3.446	0.4	21.7
7 10	18 29.78	−24 45.0	2.435	3.438	3.3	21.9
7 20	18 21.93	−24 52.2	2.469	3.430	6.5	22.1
7 30	18 15.41	−24 56.5	2.529	3.422	9.4	22.3
8 9	18 10.75	−24 58.4	2.612	3.413	11.9	22.5

430351 2013 YV_{127} 6 30.3 43°.52 2°.5/30.7 17

5 31	19 0.91	−17 10.2	1.666	2.562	13.2	20.5
6 10	18 55.01	−16 55.7	1.611	2.569	9.5	20.3
6 20	18 47.19	−16 47.2	1.578	2.576	5.4	20.1
6 30	18 38.32	−16 44.4	1.571	2.584	2.5	19.9
7 10	18 29.50	−16 46.7	1.590	2.592	4.9	20.1
7 20	18 21.77	−16 53.4	1.635	2.600	8.8	20.3
7 30	18 15.99	−17 3.7	1.702	2.609	12.5	20.6
8 9	18 12.69	−17 16.7	1.790	2.617	15.6	20.8

393091 2013 AF_{109} 6 30.3 358°.60 0°.6/30.4 15

5 31	18 58.76	−21 46.2	1.575	2.482	13.2	20.3
6 10	18 53.72	−21 40.8	1.513	2.479	9.3	20.1
6 20	18 46.60	−21 37.6	1.474	2.477	4.9	19.8
6 30	18 38.30	−21 35.4	1.459	2.476	0.7	19.5
7 10	18 29.96	−21 33.4	1.470	2.475	4.5	19.8
7 20	18 22.70	−21 31.3	1.506	2.476	8.9	20.1
7 30	18 17.47	−21 29.3	1.564	2.478	12.9	20.3
8 9	18 14.87	−21 27.7	1.642	2.480	16.2	20.5

376924 2002 CM_{29} 6 30.4 215°.55 1°.7/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.58	−27 26.3	2.360	3.244	10.3	22.5
6 10	18 57.41	−27 50.6	2.279	3.234	7.3	22.3
6 20	18 48.44	−28 12.9	2.225	3.223	4.0	22.0
6 30	18 38.37	−28 30.3	2.199	3.212	1.7	21.9
7 10	18 28.15	−28 41.1	2.201	3.200	4.1	22.0
7 20	18 18.68	−28 44.7	2.232	3.188	7.4	22.2
7 30	18 10.82	−28 42.0	2.289	3.174	10.6	22.4
8 9	18 5.16	−28 34.8	2.367	3.160	13.3	22.5

244813 2003 SG_{324} 6 30.4 281°.06 0°.3/30.3 17

5 31	19 4.63	−23 46.8	1.446	2.350	14.3	20.9
6 10	18 58.30	−23 48.7	1.366	2.330	10.2	20.6
6 20	18 49.24	−23 51.0	1.307	2.310	5.4	20.2
6 30	18 38.40	−23 51.1	1.274	2.290	0.4	19.8
7 10	18 27.19	−23 47.4	1.265	2.270	5.2	20.1
7 20	18 17.08	−23 39.7	1.281	2.250	10.4	20.4
7 30	18 9.37	−23 29.3	1.320	2.230	15.1	20.6
8 9	18 4.91	−23 18.1	1.377	2.209	19.1	20.8

102688 1999 VK_{72} 6 30.4 117°.08 0°.7/30.5 18

5 31	19 4.59	−20 2.5	1.700	2.593	13.1	19.1
6 10	18 57.58	−20 22.5	1.647	2.606	9.2	18.9
6 20	18 48.53	−20 46.6	1.618	2.619	4.9	18.7
6 30	18 38.38	−21 12.2	1.615	2.631	0.8	18.4
7 10	18 28.28	−21 37.3	1.639	2.643	4.4	18.7
7 20	18 19.34	−22 0.2	1.690	2.655	8.6	18.9
7 30	18 12.48	−22 20.6	1.764	2.666	12.3	19.2
8 9	18 8.25	−22 38.6	1.859	2.677	15.4	19.4

254959 2005 SA_{208} 6 30.4 219°.31 1°.9/30.0 18

5 31	19 1.28	−29 14.6	2.612	3.497	9.4	21.3
6 10	18 54.94	−29 27.6	2.536	3.491	6.7	21.1
6 20	18 47.07	−29 37.2	2.487	3.484	3.8	20.9
6 30	18 38.33	−29 41.3	2.465	3.477	1.9	20.8
7 10	18 29.53	−29 38.9	2.472	3.470	3.8	20.9
7 20	18 21.45	−29 30.0	2.506	3.462	6.7	21.1
7 30	18 14.79	−29 15.6	2.567	3.454	9.5	21.3
8 9	18 10.07	−28 57.6	2.650	3.446	11.9	21.4

290511 2005 UT_{33} 6 30.4 216°.28 4°.1/29.2 18

5 31	19 2.49	−35 16.7	2.578	3.455	9.8	20.9
6 10	18 55.94	−36 4.0	2.507	3.450	7.3	20.7
6 20	18 47.67	−36 45.0	2.462	3.445	5.1	20.6
6 30	18 38.36	−37 16.1	2.445	3.440	4.1	20.5
7 10	18 28.90	−37 35.0	2.456	3.434	5.4	20.6
7 20	18 20.20	−37 41.3	2.493	3.429	7.8	20.7
7 30	18 13.07	−37 36.4	2.556	3.423	10.2	20.9
8 9	18 8.07	−37 22.7	2.640	3.416	12.5	21.0

10626 Zajíc 6 30.4 127°.86 1°.0/30.6 18

5 31	19 4.06	−19 32.4	2.099	2.983	11.4	19.2
6 10	18 56.88	−19 39.2	2.046	3.000	8.0	19.0
6 20	18 48.05	−19 49.1	2.017	3.017	4.3	18.8
6 30	18 38.37	−20 0.7	2.017	3.032	1.1	18.6
7 10	18 28.78	−20 12.8	2.044	3.047	3.8	18.8
7 20	18 20.17	−20 24.6	2.100	3.061	7.4	19.1
7 30	18 13.28	−20 35.8	2.180	3.075	10.6	19.3
8 9	18 8.59	−20 46.6	2.283	3.088	13.3	19.5

6634 1987 KB 6 30.4 342°.51 8°.1/29.2 18

5 31	18 56.35	−14 26.3	0.926	1.851	18.3	14.7
6 10	18 52.99	−12 25.2	0.862	1.830	14.0	14.4
6 20	18 46.62	−10 27.8	0.817	1.811	9.9	14.1
6 30	18 38.33	− 8 42.8	0.792	1.795	8.1	13.9
7 10	18 29.78	− 7 18.6	0.787	1.780	10.6	14.0
7 20	18 22.64	− 6 20.8	0.802	1.767	15.2	14.2
7 30	18 18.35	− 5 50.4	0.833	1.757	20.0	14.4
8 9	18 17.73	− 5 44.0	0.878	1.750	24.1	14.7

502708 2015 DD_{21} 6 30.4 176°.84 0°.1/30.3 17

5 31	19 4.14	−22 26.7	1.931	2.822	11.9	22.0
6 10	18 57.23	−22 45.3	1.866	2.824	8.4	21.8
6 20	18 48.37	−23 5.5	1.824	2.826	4.4	21.5
6 30	18 38.39	−23 25.1	1.810	2.826	0.2	21.2
7 10	18 28.35	−23 42.0	1.823	2.827	4.1	21.5
7 20	18 19.27	−23 55.5	1.864	2.827	8.1	21.8
7 30	18 12.05	−24 5.5	1.929	2.826	11.7	22.0
8 9	18 7.29	−24 12.9	2.015	2.825	14.7	22.2

127922 2003 GM_{44} 6 30.4 340°.68 4°.1/28.7 18

5 31	19 1.91	−28 38.3	1.728	2.628	12.6	18.4
6 10	18 56.23	−30 21.3	1.659	2.619	9.1	18.2
6 20	18 48.12	−32 5.4	1.614	2.610	5.6	18.0
6 30	18 38.39	−33 43.3	1.596	2.602	4.1	17.9
7 10	18 28.23	−35 8.1	1.605	2.595	6.5	18.0
7 20	18 18.95	−36 15.9	1.640	2.589	10.1	18.2
7 30	18 11.73	−37 6.0	1.698	2.583	13.7	18.4
8 9	18 7.43	−37 40.6	1.775	2.578	16.7	18.6

357896 2005 UL_{522} 6 30.4 231°.54 0°.9/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.65	−19 52.6	2.383	3.270	10.1	21.9
6 10	18 53.84	−19 56.9	2.308	3.265	7.1	21.7
6 20	18 46.52	−20 4.0	2.259	3.259	3.8	21.5
6 30	18 38.33	−20 12.9	2.237	3.253	0.9	21.3
7 10	18 30.05	−20 22.6	2.243	3.247	3.5	21.4
7 20	18 22.47	−20 32.4	2.277	3.240	6.9	21.7
7 30	18 16.28	−20 42.1	2.337	3.234	9.9	21.8
8 9	18 11.99	−20 51.5	2.418	3.227	12.6	22.0

79519 1998 MQ_3 6 30.4 100°.90 1°.3/30.7 18

5 31	18 59.98	−18 11.0	2.271	3.157	10.6	19.9
6 10	18 54.00	−18 21.7	2.214	3.169	7.5	19.8
6 20	18 46.56	−18 36.6	2.182	3.180	4.1	19.6
6 30	18 38.33	−18 54.6	2.177	3.192	1.4	19.4
7 10	18 30.13	−19 14.3	2.200	3.203	3.6	19.6
7 20	18 22.72	−19 34.6	2.251	3.214	6.9	19.8
7 30	18 16.80	−19 54.8	2.327	3.225	9.9	20.0
8 9	18 12.81	−20 14.4	2.426	3.235	12.5	20.2

418019 2007 UA_{52} 6 30.4 258°.14 3°.8/30.7 17

5 31	19 3.68	−14 55.6	1.530	2.421	14.4	21.4
6 10	18 57.33	−14 32.5	1.454	2.408	10.6	21.1
6 20	18 48.61	−14 17.4	1.400	2.395	6.6	20.8
6 30	18 38.41	−14 10.8	1.371	2.381	3.8	20.6
7 10	18 27.95	−14 12.8	1.368	2.367	6.1	20.7
7 20	18 18.49	−14 22.6	1.390	2.352	10.3	20.9
7 30	18 11.18	−14 39.1	1.434	2.338	14.5	21.1
8 9	18 6.73	−15 0.8	1.497	2.323	18.2	21.3

202929 1998 SZ_{125} 6 30.4 316°.47 1°.8/29.9 17

5 31	19 1.64	−26 0.7	1.700	2.602	12.7	20.1
6 10	18 55.83	−26 36.1	1.631	2.594	9.0	19.8
6 20	18 47.79	−27 11.5	1.584	2.586	4.9	19.6
6 30	18 38.37	−27 43.1	1.564	2.579	1.8	19.4
7 10	18 28.77	−28 7.8	1.569	2.571	4.9	19.5
7 20	18 20.17	−28 24.5	1.600	2.564	9.1	19.8
7 30	18 13.63	−28 33.4	1.655	2.558	12.9	20.0
8 9	18 9.83	−28 36.3	1.729	2.551	16.2	20.2

26379 1999 HZ_1 6 30.4 199°.70 2°.7/30.5 08 C

5 31	19 18.62	−17 10.9	1.663	2.530	14.7	21.9
6 10	19 7.74	−16 54.0	1.581	2.526	10.7	21.7
6 20	18 54.05	−16 41.1	1.525	2.519	6.2	21.4
6 30	18 38.60	−16 31.3	1.497	2.510	2.7	21.2
7 10	18 22.90	−16 24.0	1.499	2.497	5.7	21.3
7 20	18 8.45	−16 19.4	1.530	2.482	10.5	21.6
7 30	17 56.55	−16 18.2	1.587	2.465	14.8	21.8
8 9	17 47.96	−16 20.9	1.665	2.444	18.5	22.0

370249 2002 PT_{175} 6 30.4 298°.01 1°.2/30.4 18

5 31	19 3.37	−21 8.1	1.402	2.307	14.6	21.0
6 10	18 57.54	−20 52.6	1.314	2.278	10.5	20.6
6 20	18 48.93	−20 39.1	1.247	2.250	5.7	20.3
6 30	18 38.42	−20 26.6	1.205	2.221	1.3	19.9
7 10	18 27.40	−20 14.5	1.188	2.192	5.5	20.1
7 20	18 17.34	−20 2.9	1.194	2.164	10.8	20.3
7 30	18 9.64	−19 53.1	1.222	2.135	15.8	20.5
8 9	18 5.21	−19 45.9	1.269	2.107	20.1	20.7

43209 2000 AP_{101} 6 30.4 333°.17 6°.7/30.1 18

5 31	18 58.21	−14 8.3	1.040	1.956	17.5	18.0
6 10	18 54.17	−12 49.6	0.971	1.936	13.3	17.6
6 20	18 47.21	−11 38.1	0.921	1.916	9.0	17.3
6 30	18 38.36	−10 39.1	0.892	1.898	6.7	17.1
7 10	18 29.17	− 9 57.0	0.885	1.881	9.0	17.2
7 20	18 21.26	− 9 34.3	0.897	1.865	13.7	17.4
7 30	18 16.03	− 9 30.5	0.928	1.851	18.5	17.6
8 9	18 14.37	− 9 42.4	0.974	1.839	22.8	17.9

394636 2007 YB_9 6 30.4 179°.17 2°.1/29.8 18

5 31	19 2.14	−29 6.5	2.631	3.514	9.4	21.9
6 10	18 55.53	−29 37.9	2.562	3.516	6.7	21.7
6 20	18 47.39	−30 6.3	2.520	3.516	3.9	21.5
6 30	18 38.38	−30 29.3	2.506	3.517	2.1	21.4
7 10	18 29.29	−30 45.1	2.521	3.517	3.9	21.5
7 20	18 20.93	−30 53.3	2.564	3.516	6.8	21.7
7 30	18 14.01	−30 54.5	2.633	3.515	9.5	21.9
8 9	18 9.03	−30 50.3	2.724	3.514	11.8	22.0

152585 1994 WM_7 6 30.4 299°.36 2°.9/30.9 18

5 31	18 58.75	−14 23.1	2.063	2.948	11.5	20.4
6 10	18 53.48	−14 22.5	1.976	2.927	8.5	20.2
6 20	18 46.46	−14 29.5	1.912	2.906	5.2	20.0
6 30	18 38.35	−14 44.2	1.875	2.885	3.0	19.8
7 10	18 30.00	−15 5.5	1.865	2.864	4.7	19.8
7 20	18 22.29	−15 32.1	1.881	2.843	8.1	20.0
7 30	18 16.06	−16 2.6	1.922	2.822	11.6	20.2
8 9	18 11.94	−16 35.3	1.984	2.802	14.6	20.3

371892 2008 CL_{91} 6 30.4 55°.55 0°.6/30.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.29	−23 59.7	1.329	2.237	15.0	21.4
6 10	18 57.77	−24 11.6	1.284	2.250	10.5	21.2
6 20	18 48.76	−24 23.8	1.259	2.263	5.5	20.9
6 30	18 38.43	−24 33.5	1.260	2.276	0.6	20.6
7 10	18 28.26	−24 38.7	1.285	2.290	5.1	21.0
7 20	18 19.61	−24 39.3	1.334	2.304	9.9	21.3
7 30	18 13.54	−24 36.3	1.405	2.318	14.2	21.6
8 9	18 10.60	−24 31.4	1.495	2.332	17.6	21.8

350921 2002 TO_{21} 6 30.4 263°.90 4°.6/30.9 18

5 31	18 59.97	−10 28.6	2.103	2.975	11.9	21.2
6 10	18 54.23	−10 4.4	2.021	2.960	9.1	21.0
6 20	18 46.81	− 9 49.5	1.963	2.945	6.2	20.8
6 30	18 38.37	− 9 44.9	1.931	2.929	4.6	20.7
7 10	18 29.76	− 9 50.8	1.926	2.914	5.8	20.7
7 20	18 21.83	−10 6.3	1.948	2.898	8.7	20.9
7 30	18 15.37	−10 30.1	1.993	2.882	11.7	21.0
8 9	18 10.97	−11 0.1	2.060	2.866	14.5	21.2

195313 2002 ED_{112} 6 30.4 55°.59 0°.8/30.2 17

5 31	19 2.95	−23 57.3	1.541	2.445	13.6	20.4
6 10	18 56.62	−24 20.4	1.494	2.458	9.5	20.2
6 20	18 48.10	−24 44.1	1.469	2.472	5.0	19.9
6 30	18 38.41	−25 5.4	1.469	2.486	0.8	19.6
7 10	18 28.83	−25 21.9	1.495	2.500	4.7	20.0
7 20	18 20.53	−25 32.9	1.547	2.514	9.1	20.3
7 30	18 14.49	−25 39.0	1.621	2.529	12.9	20.5
8 9	18 11.24	−25 41.4	1.715	2.543	16.1	20.8

52100 2591 P–L 6 30.4 238°.59 2°.4/30.8 18

5 31	19 0.56	−15 48.1	2.161	3.044	11.2	19.6
6 10	18 54.60	−15 43.7	2.084	3.035	8.1	19.4
6 20	18 46.98	−15 45.2	2.031	3.026	4.8	19.2
6 30	18 38.38	−15 52.2	2.006	3.017	2.5	19.0
7 10	18 29.65	−16 4.0	2.007	3.007	4.3	19.1
7 20	18 21.64	−16 19.6	2.036	2.997	7.7	19.3
7 30	18 15.13	−16 38.2	2.090	2.987	10.9	19.5
8 9	18 10.68	−16 58.7	2.166	2.976	13.8	19.6

442179 2010 XG_{45} 6 30.4 299°.15 2°.6/ 1.2 18

5 31	18 59.51	−13 36.2	2.120	3.001	11.4	21.1
6 10	18 54.07	−14 6.7	2.025	2.974	8.4	20.9
6 20	18 46.82	−14 47.6	1.954	2.947	5.1	20.6
6 30	18 38.38	−15 37.6	1.909	2.920	2.6	20.4
7 10	18 29.57	−16 34.5	1.893	2.893	4.4	20.5
7 20	18 21.30	−17 35.5	1.903	2.866	8.0	20.6
7 30	18 14.44	−18 37.7	1.939	2.839	11.5	20.8
8 9	18 9.69	−19 38.9	1.997	2.812	14.6	21.0

128974 2004 TK_{169} 6 30.4 197°.43 3°.4/29.4 18

5 31	19 1.43	−33 33.4	2.730	3.610	9.2	20.6
6 10	18 55.09	−34 14.8	2.662	3.608	6.8	20.4
6 20	18 47.19	−34 51.0	2.618	3.606	4.5	20.3
6 30	18 38.39	−35 19.0	2.603	3.603	3.4	20.2
7 10	18 29.48	−35 36.9	2.616	3.601	4.7	20.3
7 20	18 21.27	−35 44.3	2.657	3.598	7.1	20.4
7 30	18 14.49	−35 42.2	2.723	3.595	9.5	20.6
8 9	18 9.65	−35 32.6	2.811	3.591	11.7	20.7

176153 2001 FO_{195} 6 30.4 220°.33 3°.1/29.9 17

5 31	19 5.96	−29 16.0	1.627	2.524	13.4	20.7
6 10	18 58.98	−29 52.5	1.560	2.519	9.6	20.5
6 20	18 49.49	−30 25.2	1.517	2.515	5.6	20.3
6 30	18 38.47	−30 49.6	1.499	2.510	3.1	20.1
7 10	18 27.30	−31 2.4	1.507	2.505	5.7	20.2
7 20	18 17.32	−31 3.3	1.541	2.500	9.8	20.5
7 30	18 9.71	−30 54.2	1.598	2.494	13.7	20.7
8 9	18 5.17	−30 38.4	1.674	2.489	17.0	20.9

310536 2001 BT_{50} 6 30.4 235°.74 2°.4/ 1.1 18

5 31	18 58.75	−13 56.8	2.595	3.469	9.8	20.9
6 10	18 53.14	−14 12.3	2.514	3.460	7.2	20.7
6 20	18 46.16	−14 34.8	2.459	3.451	4.4	20.5
6 30	18 38.36	−15 3.5	2.432	3.441	2.4	20.4
7 10	18 30.42	−15 37.0	2.433	3.431	3.8	20.5
7 20	18 23.05	−16 13.8	2.463	3.421	6.7	20.6
7 30	18 16.87	−16 52.4	2.518	3.411	9.5	20.8
8 9	18 12.40	−17 31.4	2.597	3.400	11.9	21.0

167474 2003 YM_{42} 6 30.4 289°.19 0°.2/30.4 18

5 31	19 1.68	−22 45.0	1.852	2.748	12.0	19.7
6 10	18 55.72	−22 41.2	1.770	2.731	8.5	19.4
6 20	18 47.70	−22 38.0	1.711	2.713	4.5	19.1
6 30	18 38.42	−22 34.2	1.679	2.696	0.3	18.7
7 10	18 28.92	−22 28.9	1.674	2.678	4.3	19.0
7 20	18 20.28	−22 21.9	1.695	2.661	8.5	19.3
7 30	18 13.47	−22 13.9	1.740	2.643	12.4	19.5
8 9	18 9.17	−22 5.9	1.805	2.626	15.7	19.6

335150 2004 XU_{31} 6 30.4 263°.21 0°.5/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.57	−24 37.9	2.204	3.090	10.8	20.9
6 10	18 57.60	−24 38.8	2.106	3.063	7.7	20.7
6 20	18 48.67	−24 38.5	2.034	3.034	4.1	20.4
6 30	18 38.46	−24 35.4	1.989	3.006	0.5	20.1
7 10	18 27.93	−24 28.3	1.973	2.976	4.0	20.3
7 20	18 18.09	−24 17.2	1.985	2.945	7.9	20.5
7 30	18 9.88	−24 3.2	2.022	2.914	11.5	20.7
8 9	18 3.96	−23 47.7	2.081	2.882	14.6	20.8

156164 2001 TC_{116} 6 30.4 213°.11 6°.2/28.8 18 R

5 31	19 8.24	−38 57.9	2.112	2.983	11.9	19.6
6 10	19 0.44	−39 59.3	2.042	2.976	9.3	19.4
6 20	18 50.23	−40 50.8	1.997	2.969	7.0	19.3
6 30	18 38.51	−41 26.4	1.978	2.961	6.2	19.2
7 10	18 26.55	−41 42.9	1.986	2.952	7.5	19.3
7 20	18 15.64	−41 39.9	2.019	2.943	10.0	19.4
7 30	18 6.90	−41 20.5	2.077	2.933	12.7	19.6
8 9	18 1.06	−40 49.3	2.154	2.923	15.1	19.7

377750 2005 YA_{13} 6 30.4 188°.51 0°.2/30.4 17

5 31	19 3.14	−21 48.1	2.042	2.932	11.4	22.2
6 10	18 56.48	−22 3.2	1.974	2.931	8.0	22.0
6 20	18 47.99	−22 20.3	1.929	2.930	4.2	21.7
6 30	18 38.43	−22 37.5	1.912	2.929	0.2	21.4
7 10	18 28.80	−22 53.1	1.923	2.927	3.9	21.7
7 20	18 20.04	−23 6.1	1.962	2.925	7.8	21.9
7 30	18 13.02	−23 16.6	2.025	2.922	11.2	22.2
8 9	18 8.29	−23 25.1	2.110	2.919	14.1	22.4

198407 2004 VG_{58} 6 30.4 40°.12 3°.4/30.4 18

5 31	19 2.64	−17 12.3	1.528	2.425	14.1	19.1
6 10	18 56.30	−16 19.9	1.475	2.433	10.2	18.9
6 20	18 47.90	−15 32.3	1.444	2.441	6.1	18.7
6 30	18 38.43	−14 51.4	1.439	2.449	3.4	18.6
7 10	18 29.10	−14 18.5	1.460	2.458	5.7	18.7
7 20	18 21.01	−13 54.5	1.505	2.468	9.7	19.0
7 30	18 15.07	−13 39.6	1.573	2.477	13.4	19.2
8 9	18 11.79	−13 32.7	1.661	2.487	16.6	19.5

234776 2002 PP_{139} 6 30.4 350°.46 7°.0/ 1.3 16

5 31	18 57.80	− 7 51.5	1.458	2.343	15.3	19.4
6 10	18 53.14	− 7 16.6	1.395	2.337	12.0	19.2
6 20	18 46.38	− 6 57.5	1.353	2.332	8.8	19.0
6 30	18 38.38	− 6 56.6	1.334	2.328	7.0	18.9
7 10	18 30.28	− 7 13.8	1.339	2.324	8.1	18.9
7 20	18 23.18	− 7 47.4	1.367	2.322	11.2	19.1
7 30	18 18.06	− 8 33.7	1.416	2.320	14.6	19.3
8 9	18 15.57	− 9 28.3	1.484	2.319	17.8	19.5

472907 2015 FS_{341} 6 30.4 66°.77 4°.7/30.5 17

5 31	19 2.58	−13 26.1	1.657	2.543	13.8	20.1
6 10	18 56.12	−12 31.4	1.605	2.553	10.2	19.9
6 20	18 47.76	−11 44.8	1.575	2.564	6.7	19.7
6 30	18 38.43	−11 8.4	1.571	2.574	4.7	19.6
7 10	18 29.23	−10 43.5	1.593	2.585	6.4	19.8
7 20	18 21.16	−10 30.1	1.640	2.595	9.7	20.0
7 30	18 15.06	−10 27.4	1.711	2.606	13.0	20.2
8 9	18 11.44	−10 33.5	1.801	2.616	16.0	20.4

186052 2001 SX_{51} 6 30.4 311°.56 0°.0/30.4 18

5 31	19 1.25	−21 28.7	1.373	2.282	14.6	19.5
6 10	18 56.05	−21 54.3	1.295	2.262	10.4	19.2
6 20	18 48.16	−22 25.6	1.238	2.241	5.5	18.9
6 30	18 38.47	−22 59.4	1.204	2.221	0.2	18.4
7 10	18 28.33	−23 32.2	1.196	2.201	5.3	18.7
7 20	18 19.21	−24 1.6	1.211	2.182	10.5	19.0
7 30	18 12.44	−24 26.6	1.248	2.164	15.3	19.2
8 9	18 8.91	−24 47.3	1.302	2.146	19.4	19.4

429124 2009 SV_{304} 6 30.4 257°.35 4°.0/29.8 18

5 31	19 6.05	−32 12.9	1.716	2.608	13.1	21.5
6 10	18 59.09	−32 44.0	1.641	2.596	9.6	21.3
6 20	18 49.59	−33 8.8	1.590	2.583	6.0	21.0
6 30	18 38.52	−33 22.3	1.564	2.571	4.0	20.9
7 10	18 27.22	−33 21.8	1.564	2.557	6.2	21.0
7 20	18 17.05	−33 7.5	1.590	2.544	10.0	21.2
7 30	18 9.20	−32 42.0	1.639	2.531	13.7	21.4
8 9	18 4.42	−32 9.5	1.707	2.517	16.9	21.6

66583 Nicandra 6 30.4 299°.03 2°.5/30.7 18

5 31	19 1.26	−17 20.2	1.647	2.543	13.3	19.0
6 10	18 55.69	−17 9.4	1.558	2.517	9.7	18.7
6 20	18 47.83	−17 4.5	1.491	2.490	5.6	18.4
6 30	18 38.46	−17 5.3	1.450	2.463	2.5	18.1
7 10	18 28.69	−17 11.1	1.434	2.436	5.2	18.2
7 20	18 19.71	−17 21.2	1.443	2.410	9.7	18.4
7 30	18 12.65	−17 35.0	1.476	2.383	13.9	18.6
8 9	18 8.30	−17 51.7	1.527	2.357	17.7	18.8

1297 Quadea 6 30.4 224°.19 1°.3/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.99	−27 29.5	2.307	3.196	10.3	15.9
6 10	18 55.54	−27 26.1	2.235	3.192	7.3	15.7
6 20	18 47.45	−27 19.5	2.188	3.188	3.9	15.5
6 30	18 38.44	−27 8.3	2.168	3.183	1.3	15.3
7 10	18 29.41	−26 51.8	2.177	3.179	3.8	15.5
7 20	18 21.23	−26 30.7	2.214	3.174	7.2	15.7
7 30	18 14.64	−26 6.3	2.276	3.170	10.3	15.8
8 9	18 10.17	−25 40.5	2.360	3.165	12.9	16.0

369511 2010 VD_{127} 6 30.4 254°.40 0°.1/30.4 17

5 31	19 4.96	−22 42.4	1.731	2.625	12.9	22.2
6 10	18 58.22	−22 56.9	1.648	2.608	9.1	22.0
6 20	18 49.13	−23 13.4	1.588	2.589	4.8	21.7
6 30	18 38.51	−23 29.3	1.554	2.571	0.2	21.3
7 10	18 27.55	−23 42.5	1.547	2.551	4.6	21.6
7 20	18 17.49	−23 52.0	1.566	2.531	9.2	21.8
7 30	18 9.48	−23 58.0	1.610	2.511	13.4	22.0
8 9	18 4.26	−24 1.6	1.673	2.490	16.9	22.2

281639 2008 UT_{330} 6 30.4 284°.28 1°.4/30.7 18

5 31	19 1.52	−18 30.8	1.754	2.649	12.7	20.9
6 10	18 55.73	−18 44.6	1.672	2.631	9.1	20.6
6 20	18 47.78	−19 4.6	1.612	2.613	5.0	20.3
6 30	18 38.46	−19 29.1	1.579	2.594	1.5	20.1
7 10	18 28.82	−19 56.1	1.572	2.576	4.6	20.2
7 20	18 20.00	−20 23.9	1.591	2.557	8.9	20.4
7 30	18 13.02	−20 51.3	1.633	2.539	12.9	20.6
8 9	18 8.63	−21 17.5	1.696	2.520	16.4	20.8

272388 2005 SW_{269} 6 30.4 162°.18 1°.3/30.2 17

5 31	19 4.99	−26 26.1	2.124	3.011	11.1	21.6
6 10	18 57.70	−26 41.3	2.061	3.017	7.8	21.4
6 20	18 48.59	−26 54.5	2.023	3.023	4.2	21.2
6 30	18 38.48	−27 3.1	2.013	3.028	1.3	21.0
7 10	18 28.38	−27 5.9	2.031	3.032	4.1	21.2
7 20	18 19.25	−27 2.8	2.076	3.036	7.7	21.4
7 30	18 11.92	−26 54.9	2.147	3.039	10.9	21.7
8 9	18 6.94	−26 43.9	2.240	3.041	13.7	21.9

282020 2011 HQ_{82} 6 30.4 25°.72 3°.5/30.3 17

5 31	19 2.74	−18 17.9	1.411	2.313	14.7	19.4
6 10	18 56.50	−17 12.1	1.359	2.320	10.6	19.2
6 20	18 48.05	−16 9.9	1.329	2.327	6.2	18.9
6 30	18 38.48	−15 13.8	1.324	2.335	3.5	18.8
7 10	18 29.07	−14 26.0	1.345	2.344	6.0	19.0
7 20	18 21.01	−13 48.4	1.389	2.354	10.2	19.2
7 30	18 15.25	−13 21.7	1.456	2.364	14.1	19.5
8 9	18 12.30	−13 5.0	1.542	2.374	17.4	19.7

292242 2006 SQ_{72} 6 30.4 298°.39 1°.1/30.1 18

5 31	18 57.25	−26 36.1	2.928	3.816	8.4	21.0
6 10	18 52.06	−26 54.1	2.849	3.806	5.9	20.8
6 20	18 45.60	−27 11.0	2.795	3.795	3.2	20.6
6 30	18 38.40	−27 25.1	2.770	3.785	1.1	20.5
7 10	18 31.11	−27 35.5	2.774	3.774	3.2	20.6
7 20	18 24.36	−27 41.4	2.805	3.764	5.9	20.8
7 30	18 18.76	−27 43.3	2.862	3.754	8.5	20.9
8 9	18 14.77	−27 41.8	2.943	3.744	10.7	21.1

395264 2010 RA_{111} 6 30.4 329°.29 0°.7/30.3 18

5 31	18 59.43	−24 10.3	1.766	2.669	12.2	20.8
6 10	18 54.23	−24 24.1	1.691	2.655	8.6	20.6
6 20	18 46.97	−24 38.5	1.639	2.642	4.6	20.3
6 30	18 38.46	−24 51.5	1.613	2.630	0.7	20.0
7 10	18 29.76	−25 1.1	1.613	2.618	4.4	20.2
7 20	18 21.96	−25 6.5	1.638	2.606	8.6	20.4
7 30	18 16.04	−25 8.2	1.687	2.595	12.4	20.6
8 9	18 12.66	−25 7.1	1.756	2.585	15.7	20.8

509305 2006 VE_{153} 6 30.4 300°.80 3°.4/29.7 18

5 31	19 3.84	−27 50.9	1.361	2.269	14.8	21.0
6 10	18 58.15	−28 44.8	1.280	2.245	10.7	20.7
6 20	18 49.41	−29 39.4	1.221	2.222	6.2	20.3
6 30	18 38.56	−30 28.3	1.186	2.198	3.4	20.1
7 10	18 27.08	−31 5.9	1.175	2.175	6.7	20.2
7 20	18 16.66	−31 29.4	1.188	2.152	11.6	20.4
7 30	18 8.84	−31 39.4	1.222	2.129	16.3	20.7
8 9	18 4.64	−31 39.1	1.273	2.106	20.3	20.9

208504 2001 WM_{86} 6 30.4 231°.26 1°.9/29.9 17

5 31	19 6.41	−25 20.4	1.533	2.431	14.0	20.7
6 10	18 59.48	−26 7.2	1.462	2.424	9.9	20.4
6 20	18 49.88	−26 55.4	1.414	2.415	5.4	20.1
6 30	18 38.58	−27 39.8	1.391	2.406	1.9	19.9
7 10	18 26.96	−28 16.1	1.395	2.397	5.5	20.1
7 20	18 16.47	−28 42.3	1.425	2.387	10.1	20.3
7 30	18 8.38	−28 58.8	1.477	2.377	14.4	20.5
8 9	18 3.48	−29 7.6	1.548	2.367	18.0	20.8

441286 2007 XZ_{31} 6 30.4 335°.47 3°.2/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.77	−19 24.1	1.420	2.327	14.4	19.9
6 10	18 55.39	−18 15.1	1.347	2.310	10.4	19.6
6 20	18 47.65	−17 6.2	1.295	2.295	6.1	19.3
6 30	18 38.49	−16 0.1	1.268	2.281	3.2	19.1
7 10	18 29.20	−14 59.8	1.266	2.267	6.0	19.3
7 20	18 21.05	−14 8.3	1.288	2.255	10.6	19.5
7 30	18 15.12	−13 27.5	1.332	2.243	14.9	19.7
8 9	18 12.10	−12 57.9	1.394	2.233	18.6	19.9

393076 2013 AL_{93} 6 30.4 273°.99 0°.6/30.3 18

5 31	19 1.10	−23 39.4	2.017	2.911	11.3	20.7
6 10	18 55.17	−24 0.5	1.944	2.904	7.9	20.5
6 20	18 47.38	−24 22.7	1.895	2.897	4.2	20.3
6 30	18 38.48	−24 43.7	1.874	2.890	0.6	20.0
7 10	18 29.45	−25 1.5	1.879	2.883	4.0	20.2
7 20	18 21.24	−25 15.1	1.912	2.876	7.9	20.5
7 30	18 14.74	−25 24.6	1.968	2.869	11.3	20.7
8 9	18 10.54	−25 30.8	2.046	2.861	14.3	20.8

128583 2004 PU_{108} 6 30.4 241°.38 5°.1/ 1.5 18

5 31	19 1.23	− 8 9.5	2.053	2.916	12.5	20.8
6 10	18 55.19	− 8 5.5	1.971	2.903	9.6	20.6
6 20	18 47.38	− 8 14.0	1.913	2.890	6.8	20.4
6 30	18 38.49	− 8 35.6	1.881	2.876	5.1	20.3
7 10	18 29.38	− 9 9.4	1.876	2.862	6.1	20.3
7 20	18 20.96	− 9 53.4	1.898	2.847	8.9	20.5
7 30	18 14.06	−10 45.0	1.944	2.832	12.0	20.6
8 9	18 9.28	−11 41.2	2.011	2.817	14.9	20.8

166099 2002 CJ_{156} 6 30.4 75°.13 2°.1/30.1 17

5 31	19 5.64	−26 6.7	1.325	2.232	15.2	19.9
6 10	18 58.97	−26 43.7	1.272	2.237	10.7	19.6
6 20	18 49.56	−27 19.8	1.240	2.243	5.8	19.4
6 30	18 38.57	−27 50.2	1.233	2.248	2.1	19.2
7 10	18 27.56	−28 11.2	1.251	2.254	5.7	19.4
7 20	18 18.04	−28 22.1	1.293	2.259	10.5	19.7
7 30	18 11.22	−28 24.2	1.356	2.265	14.8	20.0
8 9	18 7.77	−28 20.3	1.438	2.271	18.4	20.2

183724 2003 YY_{85} 6 30.4 234°.08 2°.2/30.7 17

5 31	19 4.29	−17 18.2	1.821	2.708	12.7	21.0
6 10	18 57.55	−17 15.0	1.741	2.695	9.2	20.8
6 20	18 48.70	−17 17.4	1.685	2.682	5.3	20.5
6 30	18 38.54	−17 24.6	1.655	2.669	2.2	20.3
7 10	18 28.15	−17 35.7	1.653	2.654	4.8	20.4
7 20	18 18.63	−17 49.5	1.677	2.640	8.9	20.6
7 30	18 10.97	−18 5.5	1.725	2.624	12.7	20.8
8 9	18 5.85	−18 23.1	1.794	2.608	16.1	21.0

185112 2006 SK_{48} 6 30.4 221°.00 14°.5/25.7 17

5 31	19 21.79	−58 8.5	1.781	2.579	16.8	20.5
6 10	19 12.03	−60 6.4	1.733	2.574	15.4	20.4
6 20	18 57.20	−61 38.1	1.704	2.569	14.6	20.3
6 30	18 38.87	−62 32.1	1.695	2.564	14.6	20.3
7 10	18 19.87	−62 42.4	1.707	2.558	15.3	20.3
7 20	18 3.29	−62 11.0	1.738	2.552	16.6	20.4
7 30	17 51.47	−61 6.6	1.787	2.545	18.2	20.5
8 9	17 45.35	−59 40.6	1.851	2.538	19.8	20.7

471617 2012 TQ_3 6 30.4 358°.09 2°.3/30.4 17

5 31	19 0.83	−20 3.5	1.299	2.209	15.1	20.7
6 10	18 55.48	−19 23.1	1.240	2.206	10.8	20.5
6 20	18 47.69	−18 45.4	1.202	2.204	6.0	20.2
6 30	18 38.51	−18 11.3	1.188	2.203	2.3	19.9
7 10	18 29.33	−17 41.8	1.199	2.203	5.6	20.2
7 20	18 21.49	−17 18.1	1.232	2.203	10.4	20.4
7 30	18 16.05	−17 1.0	1.287	2.205	14.8	20.7
8 9	18 13.65	−16 50.3	1.360	2.207	18.5	20.9

158728 2003 ML_1 6 30.4 343°.80 13°.7/ 2.9 18

5 31	18 57.03	+ 6 16.4	1.394	2.227	18.9	18.9
6 10	18 52.72	+ 7 18.6	1.334	2.218	16.7	18.7
6 20	18 46.24	+ 7 51.5	1.291	2.209	14.8	18.6
6 30	18 38.46	+ 7 49.4	1.267	2.202	13.8	18.5
7 10	18 30.50	+ 7 10.6	1.264	2.195	14.0	18.5
7 20	18 23.51	+ 5 58.2	1.280	2.190	15.6	18.6
7 30	18 18.53	+ 4 18.6	1.316	2.185	17.8	18.7
8 9	18 16.24	+ 2 21.3	1.369	2.182	20.2	18.9

154268 2002 RM_{129} 6 30.4 108°.89 8°.4/ 2.8 18

5 31	19 26.91	− 2 50.5	0.975	1.828	23.7	20.3
6 10	19 13.44	− 3 31.4	0.949	1.874	18.1	20.1
6 20	18 56.78	− 4 42.5	0.944	1.918	12.4	19.9
6 30	18 38.84	− 6 19.3	0.963	1.958	8.7	19.9
7 10	18 21.89	− 8 12.1	1.007	1.995	9.8	20.1
7 20	18 7.79	−10 10.2	1.078	2.029	13.8	20.4
7 30	17 57.68	−12 5.1	1.170	2.061	18.1	20.7
8 9	17 51.90	−13 51.7	1.281	2.089	21.6	21.1

201758 2003 WC_{26} 6 30.4 2°.80 0°.5/30.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.62	−23 8.3	1.681	2.582	12.8	19.8
6 10	18 55.75	−23 32.0	1.619	2.582	9.0	19.6
6 20	18 47.75	−23 57.6	1.579	2.582	4.7	19.4
6 30	18 38.52	−24 22.3	1.565	2.582	0.5	19.0
7 10	18 29.21	−24 43.6	1.578	2.582	4.5	19.3
7 20	18 20.94	−25 0.4	1.616	2.583	8.8	19.6
7 30	18 14.70	−25 12.7	1.677	2.584	12.6	19.8
8 9	18 11.11	−25 21.2	1.759	2.585	15.8	20.1

128701 2004 RN_{100} 6 30.4 33°.79 0°.8/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.06	−24 54.6	1.458	2.364	14.1	19.7
6 10	18 56.87	−24 56.5	1.405	2.370	9.9	19.5
6 20	18 48.35	−24 57.5	1.373	2.376	5.2	19.2
6 30	18 38.54	−24 55.3	1.366	2.383	0.8	18.9
7 10	18 28.81	−24 48.8	1.385	2.390	4.9	19.2
7 20	18 20.42	−24 38.2	1.428	2.397	9.5	19.5
7 30	18 14.39	−24 25.1	1.494	2.405	13.6	19.8
8 9	18 11.31	−24 11.1	1.579	2.413	17.0	20.0

25806 2000 CF_{93} 6 30.4 301°.69 5°.1/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.26	− 9 35.8	1.794	2.672	13.3	17.8
6 10	18 54.03	− 9 29.1	1.714	2.656	10.2	17.5
6 20	18 46.87	− 9 35.2	1.656	2.639	7.0	17.3
6 30	18 38.49	− 9 55.0	1.623	2.623	5.1	17.2
7 10	18 29.87	−10 27.5	1.615	2.607	6.3	17.2
7 20	18 21.99	−11 10.8	1.633	2.591	9.5	17.4
7 30	18 15.79	−12 1.9	1.675	2.575	13.0	17.5
8 9	18 11.93	−12 57.5	1.737	2.559	16.2	17.7

514969 2009 CS_{2} 6 30.4 219°.74 3°.3/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.05	−34 8.6	2.425	3.301	10.4	21.7
6 10	18 58.44	−34 12.9	2.347	3.292	7.6	21.5
6 20	18 49.02	−34 9.3	2.294	3.283	4.9	21.3
6 30	18 38.57	−33 55.3	2.268	3.273	3.3	21.2
7 10	18 28.09	−33 30.0	2.271	3.262	4.8	21.3
7 20	18 18.53	−32 54.5	2.303	3.251	7.7	21.4
7 30	18 10.72	−32 11.5	2.360	3.239	10.5	21.6
8 9	18 5.20	−31 24.2	2.439	3.226	13.1	21.7

377211 2003 XP_{11} 6 30.4 187°.25 4°.0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 12.02	− 7 32.6	1.160	2.037	19.1	20.5
6 10	19 3.97	− 9 25.5	1.092	2.037	14.3	20.2
6 20	18 52.51	−11 50.4	1.046	2.037	8.8	19.9
6 30	18 38.72	−14 40.1	1.025	2.036	4.2	19.7
7 10	18 24.34	−17 41.3	1.032	2.034	6.6	19.8
7 20	18 11.23	−20 39.1	1.065	2.032	12.2	20.1
7 30	18 1.09	−23 22.4	1.123	2.029	17.4	20.4
8 9	17 54.92	−25 45.8	1.200	2.025	21.8	20.7

73906 1997 GE_{15} 6 30.4 99°.41 0°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.24	−24 43.9	1.578	2.476	13.7	19.7
6 10	18 58.89	−24 56.5	1.530	2.492	9.6	19.5
6 20	18 49.31	−25 8.3	1.506	2.507	5.0	19.3
6 30	18 38.59	−25 16.4	1.507	2.523	0.9	19.0
7 10	18 28.04	−25 19.4	1.534	2.538	4.7	19.4
7 20	18 18.85	−25 17.3	1.588	2.553	9.1	19.6
7 30	18 12.01	−25 11.3	1.665	2.568	12.9	19.9
8 9	18 8.03	−25 3.3	1.762	2.582	16.1	20.2

477014 2008 YW_{154} 6 30.4 338°.28 5°.4/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.25	− 8 4.1	1.451	2.337	15.4	19.7
6 10	18 53.65	− 8 34.9	1.378	2.324	11.8	19.4
6 20	18 46.80	− 9 26.1	1.326	2.311	8.1	19.2
6 30	18 38.51	−10 36.9	1.297	2.300	5.5	19.0
7 10	18 29.91	−12 3.8	1.293	2.290	6.7	19.1
7 20	18 22.21	−13 40.9	1.314	2.280	10.4	19.2
7 30	18 16.51	−15 22.1	1.357	2.272	14.4	19.5
8 9	18 13.57	−17 1.7	1.420	2.264	18.0	19.7

380274 2002 AE_{46} 6 30.4 259°.55 0°.1/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.07	−24 16.9	1.925	2.816	12.0	21.3
6 10	18 58.10	−24 2.0	1.838	2.796	8.5	21.0
6 20	18 49.01	−23 45.3	1.774	2.776	4.5	20.8
6 30	18 38.60	−23 25.4	1.738	2.755	0.2	20.4
7 10	18 27.96	−23 2.2	1.730	2.734	4.3	20.7
7 20	18 18.20	−22 36.3	1.748	2.712	8.5	20.9
7 30	18 10.32	−22 9.6	1.792	2.690	12.4	21.1
8 9	18 5.00	−21 43.8	1.856	2.667	15.7	21.2

267734 2003 FO_{62} 6 30.4 71°.05 1°.4/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.41	−25 20.1	1.549	2.451	13.7	20.4
6 10	18 57.70	−25 46.6	1.502	2.465	9.6	20.2
6 20	18 48.74	−26 12.2	1.478	2.480	5.1	19.9
6 30	18 38.59	−26 33.5	1.480	2.495	1.4	19.7
7 10	18 28.56	−26 48.2	1.507	2.510	4.9	20.0
7 20	18 19.86	−26 55.8	1.559	2.525	9.2	20.3
7 30	18 13.48	−26 57.3	1.635	2.540	13.0	20.6
8 9	18 9.96	−26 54.6	1.731	2.555	16.1	20.8

41558 2000 RG_{57} 6 30.4 281°.53 5°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.92	−13 14.3	1.397	2.291	15.4	18.9
6 10	18 57.02	−12 41.6	1.323	2.276	11.5	18.6
6 20	18 48.61	−12 18.9	1.270	2.262	7.5	18.3
6 30	18 38.60	−12 7.8	1.241	2.247	5.0	18.1
7 10	18 28.30	−12 8.7	1.236	2.232	7.0	18.2
7 20	18 19.04	−12 21.1	1.255	2.217	11.2	18.4
7 30	18 12.04	−12 43.3	1.295	2.202	15.5	18.6
8 9	18 8.07	−13 12.6	1.354	2.188	19.3	18.8

290799 2005 VP_{79} 6 30.4 254°.00 6°.4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.29	−44 0.8	2.739	3.587	10.2	21.0
6 10	18 58.87	−44 51.9	2.656	3.568	8.3	20.9
6 20	18 49.40	−45 32.1	2.599	3.548	6.9	20.7
6 30	18 38.64	−45 56.8	2.568	3.527	6.4	20.7
7 10	18 27.61	−46 3.5	2.563	3.506	7.3	20.7
7 20	18 17.37	−45 52.1	2.585	3.485	9.0	20.8
7 30	18 8.89	−45 24.8	2.631	3.463	11.1	20.9
8 9	18 2.84	−44 45.9	2.697	3.441	13.0	21.0

55641 2125 $P\text{–}L$ 6 30.4 304°.33 4°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.90	−32 23.2	1.397	2.301	14.8	18.8
6 10	18 58.82	−32 50.4	1.320	2.280	10.9	18.5
6 20	18 49.72	−33 10.3	1.264	2.260	6.9	18.2
6 30	18 38.66	−33 17.2	1.232	2.240	4.6	18.0
7 10	18 27.20	−33 7.6	1.224	2.220	7.1	18.1
7 20	18 17.02	−32 42.0	1.239	2.200	11.5	18.3
7 30	18 9.57	−32 3.9	1.276	2.181	15.8	18.5
8 9	18 5.70	−31 18.7	1.331	2.163	19.7	18.7

300809 2007 WJ_{13} 6 30.4 148°.19 3°.0/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.22	−13 16.8	2.398	3.271	10.5	21.7
6 10	18 54.17	−13 11.7	2.334	3.278	7.7	21.6
6 20	18 46.73	−13 13.6	2.296	3.285	4.9	21.4
6 30	18 38.54	−13 22.3	2.285	3.292	3.0	21.3
7 10	18 30.34	−13 37.0	2.302	3.298	4.3	21.4
7 20	18 22.86	−13 56.7	2.347	3.303	7.1	21.6
7 30	18 16.74	−14 20.1	2.418	3.309	9.9	21.8
8 9	18 12.45	−14 46.0	2.511	3.313	12.3	21.9

165175 2000 QN_{153} 6 30.4 298°.25 3°.8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.48	−15 50.2	1.278	2.182	15.8	19.8
6 10	18 56.98	−15 27.0	1.202	2.162	11.7	19.5
6 20	18 48.72	−15 12.1	1.145	2.143	7.1	19.2
6 30	18 38.63	−15 6.5	1.112	2.124	3.9	18.9
7 10	18 28.14	−15 10.0	1.103	2.105	6.6	19.0
7 20	18 18.72	−15 21.8	1.117	2.086	11.5	19.2
7 30	18 11.75	−15 40.8	1.152	2.067	16.3	19.5
8 9	18 8.08	−16 5.1	1.204	2.049	20.5	19.7

20402 1998 OH_{6} 6 30.4 97°.58 2°.6/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.11	−14 30.3	2.325	3.205	10.6	17.9
6 10	18 53.43	−14 29.2	2.265	3.214	7.7	17.8
6 20	18 46.36	−14 34.6	2.230	3.222	4.7	17.6
6 30	18 38.54	−14 46.1	2.222	3.231	2.6	17.5
7 10	18 30.72	−15 2.7	2.242	3.240	4.1	17.6
7 20	18 23.65	−15 23.4	2.288	3.248	7.0	17.8
7 30	18 17.96	−15 46.9	2.361	3.256	9.9	18.0
8 9	18 14.10	−16 12.1	2.455	3.265	12.4	18.2

68082 2000 YF_{101} 6 30.4 246°.84 2°.8/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.09	−14 39.4	1.640	2.527	13.9	19.3
6 10	18 57.67	−15 1.6	1.561	2.514	10.1	19.0
6 20	18 48.91	−15 34.9	1.504	2.500	6.0	18.7
6 30	18 38.65	−16 17.4	1.474	2.486	2.8	18.5
7 10	18 28.04	−17 6.5	1.470	2.471	5.2	18.6
7 20	18 18.31	−17 59.0	1.491	2.456	9.6	18.8
7 30	18 10.56	−18 52.1	1.537	2.441	13.7	19.1
8 9	18 5.58	−19 43.8	1.603	2.425	17.3	19.3

493568 2015 KF_{43} 6 30.4 218°.11 1°.9/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.61	−18 23.1	2.020	2.909	11.6	21.4
6 10	18 55.43	−18 8.3	1.950	2.906	8.3	21.1
6 20	18 47.51	−17 57.2	1.905	2.903	4.7	20.9
6 30	18 38.60	−17 49.5	1.886	2.899	1.9	20.7
7 10	18 29.64	−17 44.8	1.894	2.896	4.2	20.9
7 20	18 21.53	−17 42.9	1.930	2.892	7.9	21.1
7 30	18 15.08	−17 43.8	1.990	2.889	11.3	21.3
8 9	18 10.84	−17 47.2	2.071	2.885	14.2	21.5

500111 2012 BV_{100} 6 30.4 224°.80 1°.3/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.49	−25 46.6	1.602	2.499	13.6	22.3
6 10	18 59.39	−26 2.1	1.531	2.492	9.6	22.0
6 20	18 49.80	−26 16.3	1.484	2.485	5.2	21.8
6 30	18 38.70	−26 26.0	1.461	2.477	1.4	21.5
7 10	18 27.41	−26 28.9	1.466	2.469	5.0	21.7
7 20	18 17.29	−26 24.9	1.496	2.460	9.6	22.0
7 30	18 9.48	−26 15.4	1.549	2.451	13.7	22.2
8 9	18 4.70	−26 2.9	1.622	2.441	17.3	22.4

475979 2007 PM_4 6 30.4 347°.22 21°.7/ 7.0 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 57.65	−51 18.9	0.860	1.758	22.1	19.4
6 10	18 57.62	−57 18.5	0.815	1.726	21.8	19.2
6 20	18 51.65	−63 1.2	0.791	1.696	23.0	19.1
6 30	18 38.84	−67 53.3	0.787	1.670	25.4	19.2
7 10	18 20.57	−71 30.3	0.798	1.647	28.2	19.2
7 20	18 1.89	−73 44.6	0.821	1.629	30.9	19.4
7 30	17 50.89	−74 46.0	0.851	1.614	33.2	19.5
8 9	17 53.45	−74 52.1	0.886	1.604	34.9	19.6

370264 2002 QQ_{32} 6 30.4 286°.12 0°.8/30.3 17

5 31	19 4.23	−24 17.0	1.509	2.411	13.9	21.7
6 10	18 58.09	−24 31.5	1.425	2.389	9.9	21.4
6 20	18 49.28	−24 46.8	1.363	2.366	5.3	21.1
6 30	18 38.68	−25 0.0	1.327	2.343	0.8	20.7
7 10	18 27.65	−25 8.5	1.316	2.320	5.1	21.0
7 20	18 17.60	−25 11.4	1.329	2.297	10.2	21.2
7 30	18 9.84	−25 9.4	1.365	2.274	14.8	21.4
8 9	18 5.26	−25 4.5	1.420	2.251	18.7	21.6

21906 1999 VH_{20} 6 30.4 287°.87 1°.2/30.4 18

5 31	19 4.57	−27 16.2	1.758	2.654	12.6	18.1
6 10	18 57.94	−26 58.7	1.674	2.634	9.0	17.8
6 20	18 49.01	−26 36.4	1.613	2.615	4.9	17.5
6 30	18 38.68	−26 7.7	1.579	2.595	1.2	17.2
7 10	18 28.15	−25 32.4	1.572	2.575	4.6	17.4
7 20	18 18.63	−24 52.0	1.590	2.556	9.0	17.7
7 30	18 11.21	−24 9.2	1.633	2.536	13.1	17.9
8 9	18 6.56	−23 27.0	1.696	2.516	16.6	18.0

117468 2005 BH_{11} 6 30.4 185°.83 2°.1/30.9 18

5 31	19 1.53	−15 30.1	2.222	3.102	11.0	20.6
6 10	18 55.29	−15 49.1	2.152	3.102	8.0	20.4
6 20	18 47.42	−16 15.0	2.106	3.101	4.6	20.2
6 30	18 38.62	−16 46.4	2.088	3.100	2.1	20.0
7 10	18 29.71	−17 21.6	2.098	3.099	4.0	20.1
7 20	18 21.54	−17 58.6	2.136	3.097	7.3	20.3
7 30	18 14.85	−18 36.1	2.199	3.095	10.5	20.5
8 9	18 10.19	−19 12.7	2.285	3.093	13.2	20.7

93736 2000 VL_{50} 6 30.4 233°.74 0°.6/30.3 18

5 31	19 3.30	−24 12.7	1.958	2.851	11.7	19.6
6 10	18 56.80	−24 25.0	1.884	2.843	8.2	19.4
6 20	18 48.32	−24 37.4	1.834	2.835	4.4	19.2
6 30	18 38.67	−24 47.6	1.810	2.826	0.6	18.9
7 10	18 28.87	−24 54.1	1.814	2.818	4.1	19.1
7 20	18 19.96	−24 56.4	1.845	2.809	8.1	19.3
7 30	18 12.87	−24 55.1	1.900	2.799	11.7	19.5
8 9	18 8.21	−24 51.5	1.977	2.790	14.8	19.7

48205 2001 KX_{11} 6 30.4 326°.88 1°.9/30.8 18

5 31	18 59.97	−17 37.7	1.678	2.576	13.0	18.5
6 10	18 54.64	−17 44.1	1.608	2.567	9.3	18.3
6 20	18 47.26	−17 57.2	1.560	2.559	5.3	18.0
6 30	18 38.63	−18 15.9	1.537	2.552	2.0	17.8
7 10	18 29.84	−18 38.4	1.541	2.544	4.7	18.0
7 20	18 21.97	−19 3.1	1.569	2.537	8.9	18.2
7 30	18 15.99	−19 28.8	1.621	2.531	12.8	18.4
8 9	18 12.54	−19 54.3	1.693	2.525	16.1	18.6

32053 Demetrimaxim 6 30.4 295°.65 2°.4/30.0 18

5 31	19 4.51	−26 1.8	1.260	2.171	15.5	17.9
6 10	18 58.76	−26 42.1	1.183	2.150	11.1	17.6
6 20	18 49.84	−27 24.1	1.126	2.129	6.2	17.3
6 30	18 38.74	−28 2.0	1.093	2.108	2.4	17.0
7 10	18 27.06	−28 31.1	1.084	2.087	6.3	17.2
7 20	18 16.55	−28 48.8	1.098	2.066	11.7	17.4
7 30	18 8.79	−28 55.9	1.133	2.046	16.7	17.6
8 9	18 4.79	−28 55.2	1.184	2.026	21.0	17.8

434681 2006 BO_{21} 6 30.4 119°.42 2°.7/30.2 17

5 31	19 6.22	−30 50.4	1.897	2.786	12.2	21.0
6 10	18 58.74	−30 54.8	1.842	2.797	8.7	20.9
6 20	18 49.25	−30 52.7	1.810	2.806	5.1	20.7
6 30	18 38.71	−30 41.5	1.805	2.816	2.7	20.5
7 10	18 28.32	−30 20.6	1.828	2.826	4.9	20.7
7 20	18 19.15	−29 51.4	1.877	2.835	8.4	20.9
7 30	18 12.10	−29 16.5	1.950	2.844	11.8	21.1
8 9	18 7.67	−28 39.2	2.045	2.852	14.6	21.3

360920 2005 TT_{16} 6 30.4 176°.02 8°.8/28.2 18

5 31	19 13.16	−56 7.1	3.000	3.784	11.0	21.8
6 10	19 3.81	−57 2.5	2.947	3.786	9.8	21.7
6 20	18 52.02	−57 40.5	2.916	3.788	9.0	21.6
6 30	18 38.83	−57 56.5	2.909	3.789	8.8	21.6
7 10	18 25.61	−57 48.4	2.926	3.790	9.2	21.6
7 20	18 13.70	−57 17.7	2.967	3.790	10.2	21.7
7 30	18 4.20	−56 28.2	3.029	3.790	11.4	21.8
8 9	17 57.72	−55 25.3	3.111	3.789	12.6	21.9

179626 2002 PX_{56} 6 30.4 319°.83 5°.1/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.07	−13 12.6	1.245	2.148	16.2	19.9
6 10	18 55.27	−12 47.7	1.172	2.131	12.2	19.6
6 20	18 47.83	−12 34.9	1.120	2.114	7.9	19.3
6 30	18 38.67	−12 35.6	1.090	2.097	5.1	19.1
7 10	18 29.16	−12 49.9	1.083	2.082	7.2	19.2
7 20	18 20.74	−13 16.1	1.098	2.067	11.7	19.4
7 30	18 14.69	−13 51.7	1.134	2.053	16.3	19.6
8 9	18 11.86	−14 33.4	1.188	2.039	20.4	19.8

262833 2007 BD_1 6 30.4 211°.02 0°.8/30.6 18

5 31	19 3.61	−19 15.5	1.800	2.691	12.6	20.8
6 10	18 57.12	−19 43.2	1.730	2.687	9.0	20.5
6 20	18 48.54	−20 16.5	1.683	2.683	4.8	20.3
6 30	18 38.70	−20 52.9	1.663	2.679	0.9	20.0
7 10	18 28.68	−21 29.6	1.670	2.674	4.3	20.2
7 20	18 19.57	−22 4.5	1.704	2.669	8.5	20.5
7 30	18 12.37	−22 36.5	1.762	2.663	12.4	20.7
8 9	18 7.71	−23 5.3	1.840	2.657	15.6	20.9

317371 2002 NJ_{61} 6 30.4 24°.36 0°.5/30.5 17

5 31	19 1.31	−21 13.9	1.049	1.970	17.0	20.2
6 10	18 56.19	−21 27.0	1.006	1.978	11.9	19.9
6 20	18 48.22	−21 45.2	0.983	1.988	6.3	19.6
6 30	18 38.68	−22 5.5	0.982	1.999	0.6	19.3
7 10	18 29.27	−22 24.9	1.004	2.011	5.6	19.7
7 20	18 21.53	−22 41.8	1.047	2.024	11.1	20.0
7 30	18 16.66	−22 55.9	1.111	2.038	15.8	20.3
8 9	18 15.25	−23 7.4	1.192	2.053	19.7	20.6

204803 2006 SQ_{98} 6 30.4 356°.93 1°.2/30.7 18

5 31	18 56.54	−18 56.4	2.669	3.556	9.1	20.3
6 10	18 51.61	−18 53.5	2.599	3.555	6.5	20.1
6 20	18 45.44	−18 53.5	2.555	3.554	3.6	19.9
6 30	18 38.58	−18 55.9	2.539	3.553	1.2	19.8
7 10	18 31.69	−19 0.2	2.550	3.553	3.2	19.9
7 20	18 25.40	−19 5.8	2.589	3.552	6.1	20.1
7 30	18 20.29	−19 12.4	2.654	3.553	8.8	20.3
8 9	18 16.80	−19 19.8	2.741	3.553	11.2	20.4

169563 2002 EM_{155} 6 30.4 224°.24 3°.9/29.7 18

5 31	19 8.07	−30 57.5	1.672	2.564	13.4	20.6
6 10	19 0.64	−31 42.6	1.600	2.555	9.8	20.4
6 20	18 50.55	−32 23.0	1.552	2.546	6.0	20.2
6 30	18 38.79	−32 53.2	1.529	2.537	3.9	20.0
7 10	18 26.76	−33 9.3	1.533	2.526	6.2	20.1
7 20	18 15.88	−33 10.8	1.562	2.516	10.2	20.3
7 30	18 7.41	−33 0.0	1.615	2.504	14.0	20.5
8 9	18 2.11	−32 40.8	1.687	2.492	17.3	20.7

316384 2010 TV_{24} 6 30.4 209°.54 5°.4/28.9 18

5 31	19 4.57	−42 29.7	3.028	3.879	9.2	21.4
6 10	18 57.41	−43 14.2	2.957	3.873	7.4	21.2
6 20	18 48.56	−43 48.9	2.911	3.866	5.9	21.1
6 30	18 38.71	−44 10.4	2.893	3.859	5.4	21.1
7 10	18 28.73	−44 16.9	2.902	3.851	6.2	21.1
7 20	18 19.49	−44 8.5	2.938	3.843	7.9	21.2
7 30	18 11.79	−43 47.0	2.998	3.835	9.7	21.3
8 9	18 6.18	−43 15.8	3.080	3.826	11.5	21.5

40097 1998 OB_{13} 6 30.4 197°.05 4°.7/ 1.8 18

5 31	18 58.09	− 6 42.3	2.561	3.415	10.6	18.5
6 10	18 52.70	− 6 41.8	2.490	3.414	8.3	18.3
6 20	18 46.02	− 6 52.4	2.442	3.412	6.0	18.2
6 30	18 38.60	− 7 14.2	2.422	3.411	4.7	18.1
7 10	18 31.12	− 7 46.5	2.429	3.409	5.4	18.1
7 20	18 24.22	− 8 27.6	2.463	3.407	7.4	18.3
7 30	18 18.51	− 9 15.3	2.523	3.405	9.8	18.4
8 9	18 14.44	−10 7.1	2.605	3.403	12.1	18.6

359501 2010 PE_{78} 6 30.4 237°.84 6°.3/29.2 18

5 31	19 4.71	−42 43.6	2.468	3.328	10.8	20.7
6 10	18 57.74	−43 25.3	2.404	3.325	8.7	20.5
6 20	18 48.79	−43 55.3	2.364	3.322	6.9	20.4
6 30	18 38.71	−44 9.3	2.350	3.319	6.3	20.3
7 10	18 28.58	−44 5.6	2.362	3.316	7.2	20.4
7 20	18 19.44	−43 44.8	2.400	3.313	9.1	20.5
7 30	18 12.19	−43 9.7	2.462	3.311	11.2	20.6
8 9	18 7.41	−42 24.5	2.544	3.307	13.2	20.8

341176 2007 RO_{10} 6 30.4 228°.67 3°.8/30.0 18

5 31	19 5.87	−34 44.3	2.305	3.183	10.8	20.8
6 10	18 58.48	−34 57.0	2.227	3.173	8.0	20.6
6 20	18 49.17	−35 1.6	2.175	3.162	5.2	20.4
6 30	18 38.73	−34 55.1	2.149	3.151	3.8	20.3
7 10	18 28.22	−34 36.1	2.151	3.140	5.3	20.4
7 20	18 18.65	−34 5.5	2.181	3.128	8.1	20.5
7 30	18 10.91	−33 26.0	2.236	3.115	11.0	20.7
8 9	18 5.58	−32 41.2	2.313	3.102	13.6	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
222717 2002 AM_{122}			6 30.4 213°.81		0°.7/30.6 18	
	h m	° ′			°	m
5 31	19 3.34	−20 2.4	2.307	3.190	10.6	21.3
6 10	18 56.61	−20 20.1	2.227	3.181	7.5	21.1
6 20	18 48.18	−20 41.1	2.172	3.172	4.0	20.9
6 30	18 38.71	−21 3.6	2.146	3.162	0.7	20.6
7 10	18 29.07	−21 26.0	2.148	3.151	3.6	20.8
7 20	18 20.12	−21 47.1	2.178	3.139	7.2	21.0
7 30	18 12.68	−22 6.4	2.234	3.127	10.5	21.2
8 9	18 7.30	−22 23.9	2.313	3.114	13.3	21.4
20949 3024 $T\text{-}_{2}$			6 30.4 188°.18		12°.0/28.2 18	
5 31	19 15.75	−54 38.5	1.930	2.744	15.1	19.9
6 10	19 6.65	−55 56.8	1.879	2.744	13.5	19.7
6 20	18 53.89	−56 52.0	1.850	2.744	12.3	19.7
6 30	18 38.94	−57 15.7	1.842	2.744	12.0	19.6
7 10	18 23.93	−57 4.4	1.856	2.743	12.6	19.7
7 20	18 10.92	−56 20.6	1.892	2.742	14.0	19.8
7 30	18 1.49	−55 11.1	1.948	2.742	15.7	19.9
8 9	17 56.34	−53 44.8	2.021	2.741	17.4	20.0
386857 2010 XR_{39}			6 30.4 100°.79		7°.1/27.4 18	
5 31	19 14.11	−27 19.5	1.033	1.942	18.3	20.1
6 10	19 6.30	−30 40.6	0.985	1.948	13.3	19.8
6 20	18 54.18	−34 7.3	0.960	1.955	8.6	19.6
6 30	18 38.98	−37 18.9	0.960	1.962	7.3	19.5
7 10	18 22.95	−39 56.9	0.985	1.968	10.8	19.7
7 20	18 8.64	−41 52.8	1.034	1.974	15.5	20.0
7 30	17 58.24	−43 9.1	1.103	1.980	19.9	20.3
8 9	17 52.93	−43 54.5	1.187	1.986	23.4	20.6
450098 2015 RD_{94}			6 30.4 347°.64		7°.2/ 1.9 18	
5 31	18 57.04	− 4 8.1	1.806	2.669	13.9	20.4
6 10	18 52.39	− 3 46.6	1.739	2.663	11.2	20.2
6 20	18 46.02	− 3 41.9	1.693	2.657	8.7	20.1
6 30	18 38.63	− 3 55.6	1.671	2.652	7.3	20.0
7 10	18 31.13	− 4 27.5	1.674	2.648	7.9	20.0
7 20	18 24.42	− 5 15.3	1.701	2.644	10.2	20.1
7 30	18 19.30	− 6 15.2	1.750	2.641	13.0	20.3
8 9	18 16.36	− 7 22.9	1.820	2.639	15.7	20.5
260795 2005 NW_{76}			6 30.4 93°.70		0°.7/30.4 17	
5 31	19 2.72	−26 11.1	2.079	2.971	11.1	20.4
6 10	18 56.18	−25 56.9	2.015	2.973	7.8	20.2
6 20	18 47.91	−25 40.0	1.975	2.976	4.1	20.0
6 30	18 38.71	−25 19.3	1.962	2.978	0.8	19.8
7 10	18 29.56	−24 54.6	1.977	2.980	3.8	20.0
7 20	18 21.38	−24 27.1	2.019	2.983	7.5	20.2
7 30	18 14.96	−23 58.2	2.086	2.985	10.8	20.5
8 9	18 10.80	−23 29.8	2.175	2.988	13.7	20.7
159438 1999 XM_{3}			6 30.4 244°.26		2°.8/30.8 18	
5 31	19 1.56	−15 29.4	2.059	2.941	11.6	20.3
6 10	18 55.47	−15 16.7	1.980	2.930	8.5	20.1
6 20	18 47.62	−15 10.0	1.925	2.919	5.1	19.9
6 30	18 38.71	−15 9.3	1.897	2.907	2.8	19.7
7 10	18 29.64	−15 14.2	1.897	2.895	4.6	19.8
7 20	18 21.33	−15 23.9	1.923	2.883	8.1	20.0
7 30	18 14.59	−15 37.8	1.974	2.870	11.5	20.2
8 9	18 10.02	−15 54.8	2.046	2.857	14.4	20.3
312676 2010 MF_{36}			6 30.4 309°.51		2°.7/ 1.1 18	
5 31	18 58.97	−14 34.5	1.928	2.816	12.1	20.7
6 10	18 53.84	−14 49.3	1.844	2.797	8.8	20.5
6 20	18 46.85	−15 13.4	1.783	2.778	5.3	20.2
6 30	18 38.68	−15 45.8	1.748	2.759	2.7	20.0
7 10	18 30.24	−16 24.7	1.740	2.741	4.6	20.1
7 20	18 22.48	−17 7.9	1.758	2.723	8.3	20.3
7 30	18 16.30	−17 53.2	1.801	2.706	12.0	20.5
8 9	18 12.36	−18 38.7	1.864	2.688	15.1	20.6
269278 2008 RH_{108}			6 30.4 237°.01		0°.7/30.3 18	
5 31	18 58.42	−25 16.8	2.923	3.809	8.5	21.4
6 10	18 52.90	−25 25.0	2.848	3.804	5.9	21.2
6 20	18 46.13	−25 32.4	2.798	3.799	3.1	21.0
6 30	18 38.65	−25 37.7	2.777	3.793	0.7	20.8
7 10	18 31.11	−25 40.1	2.785	3.787	3.0	21.0
7 20	18 24.15	−25 39.4	2.821	3.781	5.8	21.2
7 30	18 18.36	−25 35.9	2.883	3.775	8.4	21.4
8 9	18 14.18	−25 30.4	2.968	3.769	10.7	21.5
389007 2008 UM_{175}			6 30.4 208°.68		1°.7/30.7 18	
5 31	19 2.20	−17 41.1	2.493	3.371	10.0	22.1
6 10	18 55.65	−17 32.8	2.414	3.364	7.2	21.9
6 20	18 47.62	−17 28.0	2.360	3.356	4.1	21.7
6 30	18 38.71	−17 26.3	2.335	3.348	1.7	21.5
7 10	18 29.71	−17 27.1	2.338	3.339	3.7	21.6
7 20	18 21.38	−17 30.0	2.370	3.329	6.9	21.8
7 30	18 14.40	−17 35.0	2.428	3.319	9.9	22.0
8 9	18 9.29	−17 41.7	2.509	3.308	12.4	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
44763 1999 TM_{116}			6 30.4 227°.18		1°.0/30.3 18	R
	h m	° ′			°	m
5 31	19 5.14	−24 46.3	1.550	2.450	13.8	19.1
6 10	18 58.48	−25 3.8	1.484	2.446	9.7	18.8
6 20	18 49.36	−25 21.4	1.440	2.443	5.2	18.6
6 30	18 38.78	−25 35.7	1.423	2.439	1.0	18.3
7 10	18 28.08	−25 44.5	1.431	2.435	4.9	18.5
7 20	18 18.56	−25 47.3	1.464	2.431	9.6	18.8
7 30	18 11.35	−25 45.0	1.521	2.426	13.7	19.0
8 9	18 7.15	−25 39.6	1.597	2.422	17.2	19.2
392655 2011 UL_{205}			6 30.4 89°.60		5°.9/ 1.3 18	
5 31	18 59.70	− 7 2.9	2.061	2.923	12.5	20.6
6 10	18 53.99	− 6 27.1	2.001	2.929	9.8	20.5
6 20	18 46.75	− 6 3.4	1.965	2.935	7.2	20.3
6 30	18 38.67	− 5 53.2	1.955	2.941	5.9	20.3
7 10	18 30.61	− 5 56.9	1.971	2.947	6.7	20.3
7 20	18 23.35	− 6 13.2	2.012	2.953	9.0	20.5
7 30	18 17.61	− 6 40.1	2.078	2.959	11.7	20.7
8 9	18 13.86	− 7 14.8	2.164	2.965	14.1	20.8
261766 2006 BE_{61}			6 30.4 347°.37		11°.6/28.9 16	
5 31	19 7.27	−46 48.0	1.356	2.231	16.9	19.0
6 10	19 1.01	−48 0.2	1.302	2.224	14.4	18.8
6 20	18 51.06	−48 50.9	1.266	2.217	12.3	18.7
6 30	18 38.85	−49 10.3	1.252	2.211	11.6	18.6
7 10	18 26.52	−48 54.1	1.259	2.207	12.7	18.7
7 20	18 16.17	−48 4.6	1.287	2.203	15.0	18.8
7 30	18 9.41	−46 49.2	1.334	2.200	17.8	19.0
8 9	18 6.94	−45 17.9	1.398	2.198	20.4	19.2
339352 2005 AF_{14}			6 30.4 282°.08		5°.4/28.7 18	
5 31	19 6.08	−34 7.3	1.851	2.739	12.5	20.1
6 10	18 59.42	−35 22.5	1.764	2.713	9.5	19.8
6 20	18 50.07	−36 33.6	1.701	2.687	6.6	19.6
6 30	18 38.84	−37 33.7	1.664	2.661	5.5	19.5
7 10	18 26.99	−38 17.3	1.654	2.635	7.4	19.5
7 20	18 15.94	−38 42.1	1.669	2.608	10.7	19.7
7 30	18 7.02	−38 49.2	1.707	2.581	14.1	19.8
8 9	18 1.20	−38 42.5	1.764	2.554	17.2	20.0
101963 1999 RG_{40}			6 30.4 326°.64		0°.7/30.4 18	
5 31	19 1.23	−24 35.8	1.125	2.045	16.2	19.5
6 10	18 56.48	−24 36.9	1.055	2.027	11.6	19.2
6 20	18 48.63	−24 37.8	1.005	2.009	6.2	18.8
6 30	18 38.78	−24 35.9	0.976	1.993	0.8	18.4
7 10	18 28.55	−24 29.2	0.971	1.977	5.9	18.7
7 20	18 19.68	−24 17.7	0.987	1.963	11.7	18.9
7 30	18 13.65	−24 3.0	1.023	1.950	16.9	19.2
8 9	18 11.34	−23 47.4	1.076	1.937	21.3	19.4
87411 2000 QC_{88}			6 30.4 189°.41		4°.0/30.2 18	
5 31	19 7.77	−34 56.3	2.070	2.949	11.7	18.9
6 10	18 59.90	−35 7.1	2.002	2.948	8.7	18.7
6 20	18 49.94	−35 8.5	1.959	2.947	5.7	18.6
6 30	18 38.82	−34 57.4	1.943	2.945	4.0	18.5
7 10	18 27.74	−34 32.6	1.954	2.943	5.6	18.6
7 20	18 17.81	−33 55.6	1.992	2.940	8.7	18.7
7 30	18 9.97	−33 9.8	2.055	2.937	11.7	18.9
8 9	18 4.80	−32 19.4	2.140	2.934	14.5	19.1
261061 2005 SC_{187}			6 30.4 230°.64		0°.1/30.5 18	
5 31	19 0.14	−21 26.2	2.639	3.524	9.3	21.2
6 10	18 54.24	−21 48.4	2.559	3.514	6.6	21.0
6 20	18 46.91	−22 12.9	2.504	3.504	3.5	20.8
6 30	18 38.70	−22 37.9	2.477	3.493	0.2	20.4
7 10	18 30.36	−23 1.9	2.479	3.483	3.2	20.7
7 20	18 22.59	−23 23.8	2.510	3.472	6.4	20.9
7 30	18 16.08	−23 43.2	2.567	3.460	9.3	21.1
8 9	18 11.34	−24 0.1	2.646	3.448	11.8	21.2
483211 2015 QE_{4}			6 30.4 263°.58		9°.7/ 2.9 18	
5 31	18 57.40	+ 9 41.7	2.596	3.365	12.9	20.8
6 10	18 52.28	+10 16.5	2.521	3.353	11.5	20.6
6 20	18 45.86	+10 32.1	2.467	3.341	10.3	20.5
6 30	18 38.67	+10 25.9	2.435	3.329	9.7	20.5
7 10	18 31.35	+ 9 57.2	2.426	3.317	9.9	20.5
7 20	18 24.57	+ 9 7.5	2.442	3.305	10.8	20.5
7 30	18 18.94	+ 7 59.6	2.479	3.293	12.2	20.6
8 9	18 14.92	+ 6 38.2	2.538	3.281	13.7	20.7
392424 2010 NF_{81}			6 30.4 345°.34		12°.2/26.4 18	
5 31	19 8.19	−51 39.9	1.761	2.602	15.2	20.0
6 10	19 1.57	−53 23.8	1.708	2.594	13.5	19.9
6 20	18 51.41	−54 47.3	1.675	2.587	12.4	19.8
6 30	18 38.90	−55 41.2	1.665	2.580	12.2	19.8
7 10	18 25.96	−56 0.5	1.676	2.575	13.1	19.8
7 20	18 14.63	−55 46.1	1.707	2.570	14.7	19.9
7 30	18 6.59	−55 3.2	1.758	2.565	16.7	20.1
8 9	18 2.73	−54 0.1	1.824	2.562	18.5	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
451951 2014 MH_{31}			6 30.4 311°.25		3°.7/30.8 18	
	h m	° ′			°	m
5 31	18 59.03	−13 9.5	2.177	3.056	11.2	21.0
6 10	18 53.56	−12 37.1	2.105	3.050	8.4	20.8
6 20	18 46.58	−12 11.4	2.056	3.044	5.5	20.6
6 30	18 38.71	−11 53.4	2.035	3.038	3.8	20.5
7 10	18 30.78	−11 43.5	2.040	3.032	5.1	20.6
7 20	18 23.58	−11 41.5	2.072	3.027	8.0	20.7
7 30	18 17.81	−11 46.7	2.128	3.021	10.9	20.9
8 9	18 13.98	−11 57.8	2.206	3.016	13.6	21.1
19534 Miyagi			6 30.4 354°.25		1°.2/30.2 18	
5 31	19 1.63	−22 38.5	1.075	1.995	16.7	17.6
6 10	18 56.74	−23 31.4	1.019	1.991	11.8	17.4
6 20	18 48.75	−24 30.5	0.983	1.988	6.3	17.0
6 30	18 38.82	−25 30.0	0.969	1.986	1.2	16.7
7 10	18 28.65	−26 23.6	0.978	1.984	6.1	17.0
7 20	18 19.96	−27 7.5	1.009	1.984	11.7	17.3
7 30	18 14.21	−27 40.7	1.060	1.984	16.7	17.6
8 9	18 12.20	−28 4.2	1.128	1.986	20.8	17.9
333157 2012 BO_{78}			6 30.4 214°.16		0°.5/30.4 17	
5 31	19 6.61	−23 46.4	1.742	2.635	12.9	21.7
6 10	18 59.37	−23 59.6	1.669	2.628	9.1	21.4
6 20	18 49.82	−24 13.2	1.619	2.620	4.8	21.2
6 30	18 38.87	−24 24.7	1.596	2.612	0.5	20.8
7 10	18 27.74	−24 32.1	1.600	2.604	4.5	21.1
7 20	18 17.64	−24 34.8	1.630	2.594	9.0	21.3
7 30	18 9.66	−24 33.6	1.685	2.584	13.0	21.6
8 9	18 4.47	−24 30.1	1.760	2.573	16.3	21.8
446748 2015 PG_{3}			6 30.4 309°.11		5°.7/ 1.8 18	
5 31	18 58.10	− 6 31.1	2.024	2.888	12.6	20.6
6 10	18 53.10	− 6 25.1	1.943	2.872	9.9	20.4
6 20	18 46.43	− 6 33.0	1.884	2.857	7.3	20.2
6 30	18 38.73	− 6 55.9	1.851	2.841	5.7	20.1
7 10	18 30.82	− 7 33.0	1.844	2.826	6.6	20.1
7 20	18 23.56	− 8 22.3	1.862	2.811	9.1	20.2
7 30	18 17.74	− 9 20.6	1.905	2.797	12.0	20.4
8 9	18 13.97	−10 24.5	1.968	2.783	14.8	20.5
467489 2006 TG_{86}			6 30.4 317°.32		6°.0/29.5 17	
5 31	19 3.26	−32 56.8	1.177	2.090	16.2	20.2
6 10	18 58.33	−33 47.1	1.097	2.061	12.2	19.9
6 20	18 49.88	−34 31.6	1.037	2.033	8.1	19.6
6 30	18 38.90	−35 2.0	0.999	2.005	6.0	19.4
7 10	18 27.20	−35 12.2	0.983	1.978	8.7	19.4
7 20	18 16.76	−35 0.6	0.989	1.952	13.4	19.6
7 30	18 9.42	−34 30.5	1.013	1.926	18.3	19.8
8 9	18 6.31	−33 48.1	1.054	1.902	22.6	20.0
150714 2001 QL_{4}			6 30.4 266°.64		3°.4/30.2 18	
5 31	19 6.36	−31 26.7	1.652	2.546	13.4	20.1
6 10	18 59.41	−31 39.1	1.578	2.535	9.7	19.8
6 20	18 49.92	−31 44.4	1.527	2.523	5.9	19.6
6 30	18 38.90	−31 38.9	1.501	2.511	3.4	19.4
7 10	18 27.71	−31 20.6	1.502	2.499	5.8	19.5
7 20	18 17.73	−30 50.6	1.528	2.487	9.8	19.7
7 30	18 10.12	−30 12.1	1.577	2.475	13.7	19.9
8 9	18 5.58	−29 29.5	1.646	2.463	17.1	20.1
39273 2001 AO_{30}			6 30.4 89°.31		1°.7/29.9 18	
5 31	19 1.73	−26 10.9	2.317	3.206	10.3	18.6
6 10	18 55.46	−27 1.3	2.262	3.219	7.2	18.4
6 20	18 47.59	−27 50.9	2.233	3.232	3.9	18.3
6 30	18 38.80	−28 36.5	2.231	3.245	1.7	18.1
7 10	18 29.99	−29 15.5	2.259	3.258	4.0	18.3
7 20	18 21.98	−29 46.5	2.313	3.270	7.1	18.5
7 30	18 15.53	−30 9.6	2.394	3.283	10.0	18.7
8 9	18 11.15	−30 25.9	2.496	3.296	12.5	18.9
308355 2005 QK_{86}			6 30.4 154°.32		0°.4/30.4 18	
5 31	19 0.73	−24 20.6	2.520	3.407	9.6	21.4
6 10	18 54.62	−24 22.8	2.454	3.411	6.7	21.2
6 20	18 47.09	−24 24.5	2.414	3.414	3.5	21.0
6 30	18 38.78	−24 24.3	2.401	3.418	0.4	20.8
7 10	18 30.48	−24 21.6	2.417	3.421	3.3	21.0
7 20	18 22.92	−24 16.3	2.461	3.424	6.5	21.2
7 30	18 16.76	−24 8.9	2.531	3.426	9.3	21.4
8 9	18 12.45	−24 0.4	2.624	3.429	11.8	21.6
305448 2008 CC_{205}			6 30.4 116°.71		4°.2/ 1.4 16	
5 31	18 59.27	− 9 55.6	2.288	3.156	11.2	21.2
6 10	18 53.63	− 9 45.2	2.226	3.163	8.5	21.0
6 20	18 46.58	− 9 44.4	2.189	3.169	5.8	20.9
6 30	18 38.77	− 9 53.6	2.177	3.175	4.2	20.8
7 10	18 30.95	−10 11.9	2.193	3.181	5.2	20.8
7 20	18 23.84	−10 38.2	2.236	3.187	7.7	21.0
7 30	18 18.11	−11 10.5	2.304	3.193	10.4	21.2
8 9	18 14.22	−11 46.8	2.394	3.199	12.8	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
168219 2006 JK_{55}			6 30.4 331°.31		0°.7/30.3 18	
	h m	° ′			°	m
5 31	19 1.49	−22 56.9	1.681	2.582	12.8	19.5
6 10	18 55.83	−23 31.8	1.614	2.577	9.0	19.3
6 20	18 47.99	−24 9.6	1.570	2.572	4.8	19.0
6 30	18 38.84	−24 47.0	1.551	2.568	0.7	18.7
7 10	18 29.50	−25 20.8	1.559	2.563	4.5	19.0
7 20	18 21.14	−25 49.1	1.592	2.559	8.9	19.3
7 30	18 14.78	−26 11.6	1.649	2.556	12.8	19.5
8 9	18 11.09	−26 28.7	1.725	2.552	16.1	19.7
511597 2015 AN_{198}			6 30.5 229°.48		3°.8/30.2 17	
5 31	19 8.28	−32 25.9	1.595	2.488	13.9	21.2
6 10	19 0.78	−32 36.6	1.527	2.482	10.1	20.9
6 20	18 50.64	−32 38.6	1.482	2.476	6.2	20.7
6 30	18 38.96	−32 28.0	1.462	2.470	3.8	20.5
7 10	18 27.22	−32 3.2	1.468	2.464	6.1	20.7
7 20	18 16.85	−31 25.7	1.499	2.458	10.1	20.9
7 30	18 9.02	−30 39.8	1.554	2.451	14.0	21.1
8 9	18 4.42	−29 50.0	1.628	2.444	17.4	21.3
446184 2013 FZ_{15}			6 30.5 309°.54		10°.1/ 2.7 18	
5 31	18 57.21	+ 7 54.9	2.309	3.097	13.7	21.1
6 10	18 52.28	+ 8 39.2	2.241	3.090	12.2	20.9
6 20	18 45.93	+ 9 3.5	2.193	3.083	10.8	20.8
6 30	18 38.77	+ 9 4.7	2.168	3.076	10.2	20.8
7 10	18 31.50	+ 8 42.1	2.166	3.069	10.4	20.8
7 20	18 24.85	+ 7 57.1	2.187	3.062	11.4	20.8
7 30	18 19.48	+ 6 53.2	2.230	3.056	13.0	20.9
8 9	18 15.87	+ 5 35.1	2.292	3.050	14.6	21.0
64748 2001 XE_{153}			6 30.5 79°.66		0°.8/30.6 17	
5 31	19 1.15	−19 51.7	2.162	3.051	10.9	19.9
6 10	18 54.98	−20 2.8	2.113	3.070	7.7	19.7
6 20	18 47.29	−20 17.1	2.089	3.089	4.1	19.5
6 30	18 38.82	−20 32.9	2.091	3.107	0.9	19.3
7 10	18 30.44	−20 49.0	2.122	3.126	3.6	19.6
7 20	18 22.96	−21 4.5	2.180	3.145	7.0	19.8
7 30	18 17.05	−21 19.0	2.264	3.163	10.1	20.0
8 9	18 13.18	−21 32.4	2.369	3.181	12.7	20.2
378289 2007 EH_{134}			6 30.5 86°.14		3°.2/30.0 17	
5 31	19 5.37	−30 11.0	1.642	2.539	13.3	21.2
6 10	18 58.55	−30 40.5	1.587	2.545	9.6	21.0
6 20	18 49.39	−31 4.8	1.554	2.552	5.6	20.7
6 30	18 38.92	−31 19.7	1.548	2.558	3.2	20.6
7 10	18 28.47	−31 22.9	1.567	2.564	5.6	20.8
7 20	18 19.31	−31 14.9	1.611	2.571	9.4	21.0
7 30	18 12.47	−30 57.9	1.679	2.577	13.1	21.2
8 9	18 8.57	−30 35.2	1.767	2.583	16.2	21.5
351834 2006 QC_{95}			6 30.5 309°.27		6°.4/ 2.3 18	
5 31	18 59.23	− 4 58.4	1.814	2.677	13.9	20.3
6 10	18 54.08	− 5 4.7	1.735	2.662	11.1	20.1
6 20	18 47.05	− 5 28.7	1.678	2.648	8.2	19.9
6 30	18 38.83	− 6 11.2	1.645	2.634	6.5	19.8
7 10	18 30.37	− 7 10.8	1.638	2.621	7.2	19.8
7 20	18 22.62	− 8 24.0	1.656	2.607	9.9	19.9
7 30	18 16.50	− 9 46.5	1.698	2.594	13.1	20.1
8 9	18 12.65	−11 13.2	1.761	2.582	16.1	20.3
6786 Doudantsutsuji			6 30.5 111°.40		0°.1/30.5 18	
5 31	19 0.56	−22 8.1	2.355	3.244	10.1	18.2
6 10	18 54.57	−22 21.6	2.295	3.252	7.1	18.0
6 20	18 47.10	−22 36.4	2.260	3.261	3.7	17.8
6 30	18 38.83	−22 51.1	2.252	3.269	0.2	17.5
7 10	18 30.56	−23 4.3	2.273	3.277	3.4	17.8
7 20	18 23.07	−23 15.4	2.321	3.285	6.7	18.0
7 30	18 17.04	−23 24.4	2.395	3.293	9.7	18.2
8 9	18 12.94	−23 31.4	2.492	3.300	12.2	18.4
39526 1989 TW_{3}			6 30.5 337°.01		2°.7/30.9 18	
5 31	18 59.04	−16 51.9	1.059	1.978	17.1	18.3
6 10	18 54.94	−17 1.5	0.994	1.964	12.4	18.0
6 20	18 47.87	−17 23.2	0.949	1.951	7.1	17.7
6 30	18 38.88	−17 55.5	0.925	1.939	2.8	17.4
7 10	18 29.53	−18 35.5	0.922	1.929	6.2	17.5
7 20	18 21.46	−19 19.5	0.941	1.919	11.8	17.8
7 30	18 16.13	−20 4.3	0.980	1.911	17.0	18.1
8 9	18 14.41	−20 47.4	1.035	1.905	21.4	18.3
470400 2007 UY_{34}			6 30.5 297°.34		0°.4/30.6 18	
5 31	19 1.59	−20 14.9	1.779	2.675	12.5	20.9
6 10	18 56.01	−20 46.4	1.689	2.650	8.9	20.7
6 20	18 48.20	−21 24.1	1.623	2.625	4.8	20.4
6 30	18 38.90	−22 5.1	1.583	2.600	0.5	20.0
7 10	18 29.16	−22 46.6	1.570	2.574	4.4	20.2
7 20	18 20.12	−23 26.0	1.582	2.549	8.9	20.4
7 30	18 12.90	−24 1.7	1.619	2.524	13.0	20.6
8 9	18 8.28	−24 33.5	1.675	2.500	16.6	20.8

311894 2006 XL_{70} 6 30.5 292°.23 0°.7/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.79	−25 50.3	2.112	3.005	11.0	20.9
6 10	18 55.66	−25 40.6	2.038	2.997	7.7	20.7
6 20	18 47.77	−25 28.7	1.988	2.989	4.1	20.4
6 30	18 38.88	−25 13.3	1.965	2.981	0.7	20.2
7 10	18 29.92	−24 54.0	1.970	2.973	3.8	20.4
7 20	18 21.82	−24 31.5	2.002	2.966	7.5	20.6
7 30	18 15.41	−24 7.1	2.058	2.958	10.9	20.8
8 9	18 11.22	−23 42.5	2.136	2.951	13.8	21.0

228662 2002 GA_{37} 6 30.5 22°.75 0°.6/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.76	−22 37.5	1.451	2.358	14.1	19.6
6 10	18 56.16	−23 12.5	1.397	2.363	9.9	19.3
6 20	18 48.20	−23 50.8	1.365	2.368	5.2	19.1
6 30	18 38.90	−24 28.5	1.357	2.374	0.6	18.8
7 10	18 29.54	−25 2.4	1.375	2.380	4.8	19.1
7 20	18 21.40	−25 30.3	1.417	2.387	9.5	19.4
7 30	18 15.55	−25 52.0	1.482	2.395	13.6	19.6
8 9	18 12.60	−26 8.1	1.566	2.402	17.0	19.9

420456 2012 DE_{72} 6 30.5 107°.66 3°.0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.85	−29 5.4	1.694	2.585	13.3	21.4
6 10	19 0.82	−29 51.6	1.650	2.606	9.4	21.2
6 20	18 50.52	−30 33.1	1.631	2.627	5.5	21.0
6 30	18 39.02	−31 5.3	1.637	2.648	3.0	20.9
7 10	18 27.68	−31 25.4	1.671	2.667	5.5	21.1
7 20	18 17.72	−31 33.2	1.731	2.687	9.2	21.4
7 30	18 10.14	−31 30.9	1.815	2.705	12.6	21.6
8 9	18 5.48	−31 21.6	1.919	2.723	15.5	21.8

258194 2001 SA_{250} 6 30.5 302°.83 6°.5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 58.98	− 5 27.1	1.988	2.848	13.0	20.1
6 10	18 53.70	− 4 56.4	1.917	2.841	10.4	19.9
6 20	18 46.76	− 4 39.5	1.869	2.834	7.9	19.8
6 30	18 38.86	− 4 38.1	1.845	2.828	6.6	19.7
7 10	18 30.84	− 4 52.5	1.847	2.821	7.3	19.7
7 20	18 23.56	− 5 21.3	1.874	2.815	9.6	19.8
7 30	18 17.79	− 6 1.9	1.925	2.809	12.4	20.0
8 9	18 14.08	− 6 50.8	1.996	2.803	14.9	20.2

431088 2006 DH_{97} 6 30.5 54°.27 5°.3/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.32	−10 17.3	1.579	2.462	14.5	21.0
6 10	18 55.44	− 9 56.6	1.533	2.478	11.0	20.8
6 20	18 47.67	− 9 49.1	1.509	2.494	7.4	20.6
6 30	18 38.91	− 9 55.3	1.510	2.510	5.3	20.5
7 10	18 30.27	−10 14.2	1.535	2.527	6.6	20.6
7 20	18 22.75	−10 43.7	1.586	2.544	9.7	20.9
7 30	18 17.21	−11 20.9	1.659	2.561	13.0	21.1
8 9	18 14.13	−12 2.7	1.753	2.578	15.9	21.3

262027 2006 QA_{115} 6 30.5 255°.10 0°.8/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.20	−25 53.2	1.749	2.641	12.9	21.1
6 10	18 59.92	−25 41.5	1.664	2.622	9.2	20.8
6 20	18 50.23	−25 26.5	1.602	2.603	4.9	20.5
6 30	18 39.04	−25 6.4	1.567	2.583	0.8	20.2
7 10	18 27.58	−24 40.4	1.559	2.563	4.6	20.4
7 20	18 17.13	−24 9.7	1.578	2.542	9.2	20.6
7 30	18 8.82	−23 36.7	1.621	2.521	13.4	20.8
8 9	18 3.37	−23 4.0	1.684	2.499	16.9	21.0

395601 2011 UU_{326} 6 30.5 230°.93 4°.7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.29	−36 29.3	2.306	3.183	10.8	21.6
6 10	18 57.55	−37 10.9	2.236	3.177	8.2	21.4
6 20	18 48.85	−37 44.5	2.190	3.171	5.8	21.3
6 30	18 38.97	−38 6.2	2.171	3.165	4.8	21.2
7 10	18 28.97	−38 13.6	2.180	3.158	6.0	21.3
7 20	18 19.85	−38 6.8	2.215	3.151	8.6	21.4
7 30	18 12.54	−37 47.7	2.274	3.145	11.2	21.6
8 9	18 7.64	−37 19.8	2.354	3.137	13.6	21.7

234112 1999 VD_{167} 6 30.5 244°.04 0°.6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.35	−24 30.1	2.125	3.014	11.0	21.2
6 10	18 56.85	−24 39.5	2.043	3.001	7.8	21.0
6 20	18 48.48	−24 48.7	1.987	2.987	4.1	20.7
6 30	18 38.96	−24 55.5	1.957	2.973	0.6	20.4
7 10	18 29.26	−24 58.7	1.956	2.959	3.9	20.7
7 20	18 20.34	−24 57.8	1.981	2.944	7.7	20.9
7 30	18 13.09	−24 53.4	2.032	2.929	11.2	21.1
8 9	18 8.12	−24 46.9	2.105	2.913	14.2	21.2

378339 2007 HB_{35} 6 30.5 49°.47 5°.5/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.90	−34 8.5	1.467	2.365	14.5	20.4
6 10	18 59.19	−35 2.3	1.423	2.378	10.8	20.2
6 20	18 49.83	−35 46.8	1.401	2.391	7.2	20.1
6 30	18 39.02	−36 15.7	1.403	2.404	5.5	20.0
7 10	18 28.31	−36 26.2	1.430	2.418	7.4	20.1
7 20	18 19.14	−36 18.8	1.481	2.432	10.8	20.4
7 30	18 12.65	−35 57.2	1.554	2.447	14.2	20.6
8 9	18 9.43	−35 26.5	1.645	2.461	17.2	20.8

170033 2002 VY_{21} 6 30.5 216°.05 2°.1/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.14	−28 50.3	2.181	3.070	10.8	20.6
6 10	18 56.64	−29 8.1	2.110	3.066	7.7	20.4
6 20	18 48.33	−29 22.5	2.064	3.062	4.4	20.2
6 30	18 38.96	−29 30.8	2.045	3.058	2.1	20.0
7 10	18 29.51	−29 31.7	2.054	3.053	4.3	20.2
7 20	18 20.93	−29 24.9	2.090	3.049	7.7	20.4
7 30	18 14.07	−29 11.9	2.151	3.044	10.9	20.6
8 9	18 9.48	−28 54.8	2.234	3.039	13.6	20.7

266957 2010 UF_{58} 6 30.5 189°.99 0°.0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.52	−23 0.2	2.805	3.690	8.8	21.6
6 10	18 53.73	−23 1.5	2.733	3.689	6.2	21.4
6 20	18 46.66	−23 3.2	2.687	3.688	3.2	21.2
6 30	18 38.89	−23 4.1	2.670	3.686	0.2	20.9
7 10	18 31.08	−23 3.6	2.681	3.685	3.0	21.2
7 20	18 23.89	−23 1.6	2.721	3.683	5.9	21.4
7 30	18 17.92	−22 58.3	2.787	3.681	8.6	21.5
8 9	18 13.60	−22 54.2	2.876	3.679	10.9	21.7

310015 2009 KO_{23} 6 30.5 252°.95 5°.0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.21	− 8 7.9	2.283	3.145	11.4	20.9
6 10	18 53.72	− 7 44.8	2.207	3.136	8.9	20.7
6 20	18 46.75	− 7 32.2	2.154	3.128	6.4	20.5
6 30	18 38.89	− 7 30.9	2.127	3.118	5.1	20.4
7 10	18 30.92	− 7 41.2	2.128	3.109	5.9	20.5
7 20	18 23.59	− 8 1.9	2.155	3.100	8.3	20.6
7 30	18 17.60	− 8 31.5	2.206	3.090	11.0	20.8
8 9	18 13.45	− 9 7.4	2.279	3.081	13.5	20.9

119915 2002 EX_{78} 6 30.5 191°.34 2°.4/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.49	−30 50.6	2.392	3.278	10.1	19.9
6 10	18 56.03	−30 58.7	2.324	3.277	7.3	19.7
6 20	18 47.94	−31 1.9	2.281	3.277	4.3	19.6
6 30	18 38.95	−30 57.9	2.266	3.276	2.4	19.4
7 10	18 29.95	−30 46.0	2.278	3.275	4.2	19.5
7 20	18 21.80	−30 26.5	2.318	3.274	7.2	19.7
7 30	18 15.25	−30 1.2	2.384	3.273	10.1	19.9
8 9	18 10.81	−29 32.4	2.471	3.272	12.6	20.1

236566 2006 HZ_{83} 6 30.5 91°.44 5°.9/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.99	− 7 27.6	1.926	2.789	13.2	20.4
6 10	18 55.63	− 6 53.4	1.878	2.808	10.2	20.3
6 20	18 47.69	− 6 32.0	1.854	2.826	7.4	20.1
6 30	18 38.94	− 6 24.8	1.855	2.844	5.9	20.1
7 10	18 30.31	− 6 31.4	1.883	2.862	6.8	20.2
7 20	18 22.63	− 6 50.5	1.936	2.879	9.2	20.3
7 30	18 16.64	− 7 19.6	2.014	2.897	11.9	20.6
8 9	18 12.78	− 7 55.7	2.111	2.914	14.4	20.8

159538 2001 OE_{87} 6 30.5 327°.30 1°.1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.38	−18 55.6	1.014	1.935	17.4	19.3
6 10	18 56.15	−19 28.1	0.947	1.919	12.5	18.9
6 20	18 48.68	−20 12.5	0.899	1.903	6.8	18.6
6 30	18 39.01	−21 5.2	0.872	1.889	1.2	18.2
7 10	18 28.83	−22 1.2	0.867	1.875	6.1	18.4
7 20	18 19.95	−22 55.4	0.884	1.862	12.2	18.7
7 30	18 14.00	−23 44.8	0.919	1.851	17.8	19.0
8 9	18 11.99	−24 27.7	0.970	1.841	22.4	19.2

2518 Rutllant 6 30.5 24°.50 6°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.78	−12 43.5	1.020	1.932	18.2	15.8
6 10	18 55.80	−12 0.8	0.979	1.940	13.6	15.6
6 20	18 48.12	−11 33.1	0.956	1.950	8.9	15.4
6 30	18 38.97	−11 22.5	0.954	1.960	6.1	15.2
7 10	18 29.97	−11 28.8	0.974	1.972	8.0	15.4
7 20	18 22.57	−11 49.7	1.015	1.985	12.3	15.7
7 30	18 17.89	−12 21.7	1.076	1.999	16.6	16.0
8 9	18 16.53	−13 0.3	1.154	2.014	20.3	16.2

61424 2000 QX_{15} 6 30.5 282°.41 1°.6/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.65	−25 51.2	1.387	2.291	14.8	19.9
6 10	18 59.38	−26 9.2	1.308	2.272	10.6	19.6
6 20	18 50.20	−26 26.7	1.251	2.253	5.8	19.3
6 30	18 39.09	−26 39.7	1.218	2.234	1.6	19.0
7 10	18 27.53	−26 45.2	1.210	2.214	5.6	19.2
7 20	18 17.12	−26 42.6	1.226	2.194	10.8	19.4
7 30	18 9.26	−26 33.3	1.264	2.175	15.6	19.6
8 9	18 4.84	−26 20.0	1.320	2.155	19.6	19.9

408954 2002 ER_{155} 6 30.5 76°.56 0°.6/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.63	−20 31.2	1.329	2.233	15.4	20.7
6 10	18 58.88	−20 53.4	1.284	2.247	10.8	20.5
6 20	18 49.64	−21 20.5	1.260	2.262	5.7	20.2
6 30	18 39.05	−21 49.2	1.260	2.277	0.7	19.9
7 10	18 28.58	−22 16.4	1.286	2.291	5.0	20.3
7 20	18 19.58	−22 40.4	1.336	2.306	9.9	20.6
7 30	18 13.13	−23 0.9	1.408	2.321	14.2	20.9
8 9	18 9.81	−23 18.1	1.500	2.335	17.7	21.1

91825 1999 TM_{281} 6 30.5 238°.48 0°.5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.04	−19 55.8	2.565	3.449	9.6	19.7
6 10	18 54.28	−20 23.0	2.484	3.439	6.8	19.5
6 20	18 47.06	−20 53.8	2.430	3.430	3.6	19.2
6 30	18 38.94	−21 26.4	2.404	3.420	0.5	19.0
7 10	18 30.67	−21 59.0	2.406	3.410	3.2	19.2
7 20	18 22.97	−22 30.2	2.437	3.399	6.5	19.4
7 30	18 16.55	−22 59.1	2.494	3.389	9.4	19.6
8 9	18 11.91	−23 25.3	2.573	3.378	12.0	19.7

358402 2007 BJ_{35} 6 30.5 248°.14 1°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.63	−29 22.5	2.395	3.281	10.1	21.2
6 10	18 56.18	−29 24.3	2.317	3.271	7.2	21.0
6 20	18 48.07	−29 21.9	2.264	3.261	4.1	20.8
6 30	18 38.99	−29 13.4	2.238	3.251	1.9	20.6
7 10	18 29.84	−28 58.1	2.241	3.240	4.0	20.8
7 20	18 21.48	−28 36.3	2.271	3.230	7.2	21.0
7 30	18 14.67	−28 9.7	2.327	3.219	10.2	21.1
8 9	18 9.97	−27 40.4	2.405	3.208	12.8	21.3

426061 2012 BY_{90} 6 30.5 105°.01 0°.2/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.38	−21 46.1	1.540	2.436	14.0	21.7
6 10	18 59.18	−22 1.3	1.491	2.451	9.9	21.5
6 20	18 49.73	−22 18.9	1.465	2.466	5.2	21.2
6 30	18 39.07	−22 36.4	1.464	2.481	0.3	20.9
7 10	18 28.53	−22 51.6	1.490	2.495	4.6	21.3
7 20	18 19.32	−23 3.6	1.542	2.509	9.1	21.5
7 30	18 12.43	−23 12.8	1.617	2.522	13.1	21.8
8 9	18 8.41	−23 19.8	1.712	2.535	16.3	22.1

10661 Teutoburgerwald 6 30.5 113°.75 4°.6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 9.74	−33 5.6	1.452	2.347	14.9	18.9
6 10	18 1.88	−33 35.5	1.402	2.357	10.9	18.7
6 20	18 51.26	−33 56.0	1.374	2.367	6.9	18.5
6 30	18 39.15	−34 1.9	1.371	2.377	4.6	18.4
7 10	18 27.17	−33 51.2	1.393	2.387	6.8	18.5
7 20	18 16.85	−33 25.4	1.440	2.396	10.6	18.8
7 30	18 9.36	−32 48.9	1.509	2.405	14.4	19.0
8 9	18 5.27	−32 6.9	1.597	2.413	17.6	19.3

359560 2010 TD_{33} 6 30.5 288°.93 0°.4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.35	−23 47.7	2.219	3.112	10.5	21.8
6 10	18 54.66	−24 0.7	2.145	3.105	7.4	21.6
6 20	18 47.30	−24 14.2	2.096	3.097	3.9	21.3
6 30	18 38.97	−24 26.4	2.074	3.090	0.5	21.0
7 10	18 30.52	−24 36.0	2.079	3.083	3.6	21.3
7 20	18 22.82	−24 42.3	2.112	3.076	7.2	21.5
7 30	18 16.65	−24 45.6	2.170	3.070	10.5	21.7
8 9	18 12.56	−24 46.5	2.249	3.063	13.2	21.9

7817 Zibiturtle 6 30.5 342°.36 0°.1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.73	−22 16.9	1.773	2.671	12.4	17.4
6 10	18 55.88	−22 26.1	1.707	2.669	8.8	17.2
6 20	18 48.03	−22 37.3	1.665	2.667	4.6	16.9
6 30	18 39.00	−22 48.5	1.649	2.665	0.3	16.6
7 10	18 29.90	−22 58.2	1.659	2.664	4.2	16.9
7 20	18 21.77	−23 5.6	1.695	2.663	8.4	17.2
7 30	18 15.55	−23 10.9	1.755	2.662	12.1	17.4
8 9	18 11.83	−23 14.5	1.835	2.661	15.3	17.6

275963 2001 WD_8 6 30.5 257°.83 2°.8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.47	−15 52.8	1.717	2.607	13.2	19.7
6 10	18 56.46	−15 48.7	1.645	2.599	9.6	19.5
6 20	18 48.37	−15 52.1	1.595	2.591	5.7	19.2
6 30	18 39.03	−16 2.5	1.571	2.583	2.8	19.0
7 10	18 29.50	−16 18.7	1.573	2.574	5.0	19.2
7 20	18 20.89	−16 39.4	1.601	2.566	9.0	19.4
7 30	18 14.17	−17 3.4	1.653	2.557	12.9	19.6
8 9	18 9.99	−17 29.2	1.725	2.549	16.2	19.8

192881 1999 XR_{59} 6 30.5 153°.89 2°.9/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.65	−15 41.8	2.134	3.014	11.4	20.1
6 10	18 56.11	−15 11.3	2.071	3.019	8.3	20.0
6 20	18 47.99	−14 45.7	2.031	3.024	5.1	19.8
6 30	18 39.00	−14 25.6	2.020	3.028	2.9	19.6
7 10	18 30.04	−14 11.4	2.036	3.032	4.6	19.8
7 20	18 21.94	−14 3.1	2.079	3.036	7.8	20.0
7 30	18 15.42	−14 0.3	2.147	3.040	10.9	20.2
8 9	18 10.98	−14 2.4	2.237	3.043	13.5	20.3

340542 2006 KB_8 6 30.5 237°.06 1°.7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.11	−26 20.2	1.921	2.815	11.8	21.0
6 10	18 56.85	−26 53.7	1.853	2.812	8.3	20.8
6 20	18 48.55	−27 26.6	1.808	2.808	4.6	20.5
6 30	18 39.04	−27 55.3	1.791	2.805	1.7	20.3
7 10	18 29.39	−28 17.4	1.800	2.801	4.5	20.5
7 20	18 20.66	−28 31.8	1.836	2.798	8.3	20.7
7 30	18 13.80	−28 39.0	1.896	2.794	11.8	20.9
8 9	18 9.43	−28 40.7	1.977	2.790	14.8	21.1

475833 2007 BU_{12} 6 30.5 215°.58 0°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.83	−24 28.9	2.913	3.795	8.6	23.2
6 10	18 54.69	−24 41.9	2.832	3.786	6.1	23.0
6 20	18 47.23	−24 54.7	2.777	3.777	3.2	22.8
6 30	18 38.98	−25 5.8	2.751	3.767	0.5	22.6
7 10	18 30.63	−25 14.0	2.755	3.757	3.0	22.8
7 20	18 22.85	−25 18.9	2.787	3.747	5.9	23.0
7 30	18 16.25	−25 20.9	2.846	3.736	8.6	23.1
8 9	18 11.32	−25 20.4	2.928	3.724	10.9	23.3

26537 Shyamalbuch 6 30.5 351°.11 3°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.40	−27 34.2	1.164	2.082	15.9	17.7
6 10	18 56.59	−28 24.4	1.106	2.076	11.4	17.4
6 20	18 48.76	−29 13.7	1.068	2.070	6.5	17.1
6 30	18 39.06	−29 56.0	1.053	2.066	3.3	16.9
7 10	18 29.13	−30 26.3	1.061	2.063	6.7	17.1
7 20	18 20.64	−30 42.7	1.091	2.061	11.6	17.4
7 30	18 15.00	−30 46.5	1.141	2.060	16.2	17.6
8 9	18 13.00	−30 40.8	1.208	2.060	20.1	17.9

356416 2010 TM_{173} 6 30.5 5°.48 1°.2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.69	−27 2.6	1.801	2.700	12.2	20.4
6 10	18 55.80	−26 53.1	1.739	2.700	8.6	20.1
6 20	18 47.94	−26 40.2	1.700	2.701	4.6	19.9
6 30	18 39.01	−26 22.4	1.687	2.702	1.2	19.7
7 10	18 30.11	−25 59.6	1.700	2.704	4.3	19.9
7 20	18 22.28	−25 32.7	1.740	2.706	8.3	20.1
7 30	18 16.40	−25 3.5	1.803	2.709	11.9	20.4
8 9	18 13.02	−24 34.1	1.887	2.712	14.9	20.6

463380 2013 BY_{45} 6 30.5 166°.22 8°.1/ 3.5 16 CR

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.86	+ 2 51.0	2.136	2.938	14.2	23.9
6 10	18 59.76	+ 2 40.9	2.069	2.947	11.8	23.7
6 20	18 49.93	+ 2 10.1	2.024	2.955	9.6	23.6
6 30	18 39.12	+ 1 17.8	2.006	2.962	8.2	23.5
7 10	18 28.25	+ 0 5.7	2.016	2.967	8.4	23.6
7 20	18 18.24	− 1 22.1	2.054	2.971	10.2	23.7
7 30	18 9.86	− 3 0.5	2.118	2.973	12.5	23.8
8 9	18 3.68	− 4 43.8	2.204	2.974	14.8	24.0

397063 2005 UA_{151} 6 30.5 356°.86 8°.1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.00	− 5 51.0	1.704	2.574	14.3	19.4
6 10	18 53.87	− 4 27.8	1.643	2.570	11.6	19.2
6 20	18 46.94	− 3 17.9	1.605	2.568	9.2	19.1
6 30	18 38.98	− 2 25.6	1.590	2.566	8.1	19.0
7 10	18 30.98	− 1 53.3	1.600	2.565	9.0	19.1
7 20	18 23.89	− 1 41.3	1.633	2.565	11.4	19.2
7 30	18 18.54	− 1 47.9	1.688	2.566	14.1	19.4
8 9	18 15.48	− 2 9.2	1.762	2.567	16.7	19.6

477739 2010 TV_{121} 6 30.5 259°.59 3°.9/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.54	−33 33.1	2.342	3.226	10.4	21.2
6 10	18 56.30	−34 16.9	2.271	3.219	7.7	21.0
6 20	18 48.23	−34 55.3	2.224	3.212	5.1	20.8
6 30	18 39.04	−35 24.5	2.204	3.205	3.9	20.7
7 10	18 29.69	−35 42.1	2.212	3.198	5.3	20.8
7 20	18 21.14	−35 47.5	2.246	3.191	8.0	20.9
7 30	18 14.23	−35 42.1	2.305	3.183	10.8	21.1
8 9	18 9.58	−35 28.4	2.386	3.176	13.2	21.3

320501 2007 XQ_6 6 30.5 198°.87 0°.4/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.36	−22 3.6	1.851	2.739	12.4	21.7
6 10	18 59.09	−22 4.3	1.779	2.736	8.8	21.4
6 20	18 49.72	−22 6.2	1.732	2.733	4.7	21.2
6 30	18 39.12	−22 7.7	1.711	2.728	0.4	20.8
7 10	18 28.41	−22 7.6	1.719	2.723	4.2	21.1
7 20	18 18.70	−22 5.6	1.753	2.717	8.5	21.4
7 30	18 10.95	−22 2.4	1.812	2.710	12.3	21.6
8 9	18 5.79	−21 59.0	1.892	2.703	15.5	21.8

509739 2008 TC_{12} 6 30.5 257°.71 0°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.90	−23 57.1	2.008	2.898	11.5	22.4
6 10	18 57.41	−24 7.7	1.922	2.880	8.2	22.2
6 20	18 48.89	−24 18.6	1.861	2.862	4.4	21.9
6 30	18 39.08	−24 27.8	1.826	2.843	0.5	21.6
7 10	18 29.01	−24 33.5	1.819	2.823	4.1	21.8
7 20	18 19.72	−24 35.2	1.840	2.803	8.1	22.0
7 30	18 12.18	−24 33.5	1.885	2.783	11.9	22.2
8 9	18 7.05	−24 29.5	1.951	2.762	15.0	22.4

171747 2000 XU_{30} 6 30.5 227°.96 3°.9/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.27	−31 41.6	1.682	2.573	13.4	20.5
6 10	19 0.85	−32 13.1	1.610	2.564	9.8	20.2
6 20	18 50.82	−32 38.3	1.561	2.555	6.0	20.0
6 30	18 39.18	−32 52.5	1.538	2.545	3.9	19.8
7 10	18 27.32	−32 52.6	1.541	2.535	6.1	19.9
7 20	18 16.65	−32 38.9	1.570	2.525	10.0	20.1
7 30	18 8.38	−32 14.2	1.622	2.514	13.8	20.3
8 9	18 3.26	−31 42.8	1.693	2.502	17.1	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
402882 2007 RA_{297}			6 30.5 192.°96		2.°6/30.9 17	
	h m	° ′			°	m
5 31	19 1.24	−14 49.0	2.474	3.349	10.2	22.2
6 10	18 55.04	−14 36.4	2.401	3.347	7.5	22.1
6 20	18 47.43	−14 29.4	2.353	3.344	4.6	21.9
6 30	18 39.01	−14 27.6	2.333	3.342	2.6	21.7
7 10	18 30.53	−14 31.0	2.341	3.338	4.1	21.8
7 20	18 22.72	−14 38.8	2.378	3.334	7.0	22.0
7 30	18 16.24	−14 50.3	2.440	3.330	9.8	22.2
8 9	18 11.56	−15 4.9	2.524	3.325	12.3	22.4
519754 2013 CC_{228}			6 30.5 92.°83		1.°9/30.3 18	
5 31	19 2.03	−29 8.6	2.304	3.192	10.3	21.2
6 10	18 55.72	−29 16.6	2.243	3.199	7.3	21.0
6 20	18 47.80	−29 20.7	2.207	3.205	4.2	20.8
6 30	18 39.03	−29 19.0	2.199	3.212	1.9	20.7
7 10	18 30.29	−29 10.6	2.219	3.218	4.0	20.8
7 20	18 22.44	−28 55.8	2.265	3.224	7.1	21.0
7 30	18 16.21	−28 36.2	2.337	3.231	10.1	21.2
8 9	18 12.08	−28 13.6	2.431	3.237	12.6	21.4
247426 2002 CT_{289}			6 30.5 235.°61		5.°7/29.3 18	
5 31	19 8.84	−38 36.3	2.192	3.060	11.6	21.6
6 10	19 1.01	−39 20.9	2.111	3.045	9.0	21.4
6 20	18 50.84	−39 55.7	2.056	3.029	6.7	21.3
6 30	18 39.18	−40 15.6	2.026	3.013	5.7	21.2
7 10	18 27.25	−40 17.6	2.024	2.996	7.0	21.2
7 20	18 16.30	−40 1.7	2.049	2.978	9.5	21.4
7 30	18 7.41	−39 30.9	2.097	2.960	12.3	21.5
8 9	18 1.31	−38 49.8	2.167	2.941	14.9	21.7
393129 2013 BX_{41}			6 30.5 10.°47		0.°5/30.6 18	
5 31	19 0.46	−21 8.2	2.030	2.923	11.3	21.3
6 10	18 54.78	−21 14.6	1.964	2.924	8.0	21.1
6 20	18 47.39	−21 23.4	1.923	2.924	4.2	20.8
6 30	18 39.03	−21 33.2	1.909	2.925	0.6	20.5
7 10	18 30.61	−21 42.9	1.921	2.926	3.8	20.8
7 20	18 23.04	−21 51.6	1.961	2.927	7.5	21.0
7 30	18 17.11	−21 59.3	2.025	2.928	10.9	21.2
8 9	18 13.36	−22 6.1	2.110	2.930	13.8	21.4
149393 2003 AY_{23}			6 30.5 266.°85		0.°1/30.5 18	
5 31	19 4.81	−19 57.6	1.679	2.572	13.3	19.9
6 10	18 58.45	−21 0.0	1.597	2.556	9.4	19.7
6 20	18 49.63	−22 10.9	1.538	2.539	5.0	19.4
6 30	18 39.15	−23 25.8	1.505	2.522	0.3	19.0
7 10	18 28.17	−24 39.6	1.500	2.505	4.7	19.3
7 20	18 17.97	−25 47.8	1.522	2.487	9.4	19.5
7 30	18 9.77	−26 47.9	1.568	2.469	13.6	19.7
8 9	18 4.42	−27 39.4	1.634	2.451	17.2	19.9
199694 2006 HE_{28}			6 30.5 161.°54		7.°6/ 1.7 18	
5 31	19 0.77	− 1 48.9	2.129	2.967	13.0	20.7
6 10	18 54.83	− 1 5.9	2.066	2.970	10.7	20.5
6 20	18 47.36	− 0 38.1	2.027	2.973	8.6	20.4
6 30	18 39.03	− 0 27.8	2.012	2.976	7.6	20.3
7 10	18 30.68	− 0 35.3	2.024	2.979	8.1	20.4
7 20	18 23.08	− 0 59.6	2.060	2.981	9.9	20.5
7 30	18 16.94	− 1 37.8	2.120	2.983	12.2	20.6
8 9	18 12.77	− 2 26.1	2.200	2.984	14.4	20.8
106181 2000 UY_{6}			6 30.5 204.°79		0.°9/30.3 18	
5 31	19 1.15	−25 26.3	2.529	3.416	9.6	19.7
6 10	18 55.07	−25 43.3	2.457	3.413	6.7	19.5
6 20	18 47.50	−25 59.6	2.409	3.410	3.6	19.3
6 30	18 39.05	−26 13.2	2.390	3.406	0.9	19.1
7 10	18 30.53	−26 23.0	2.400	3.402	3.4	19.3
7 20	18 22.69	−26 28.3	2.437	3.398	6.6	19.5
7 30	18 16.24	−26 29.5	2.500	3.393	9.5	19.7
8 9	18 11.69	−26 27.7	2.586	3.389	12.0	19.8
18956 Jessicarnold			6 30.5 248.°69		0.°5/30.6 18	
5 31	19 5.38	−20 45.9	1.567	2.463	13.9	19.1
6 10	18 58.84	−21 4.4	1.490	2.451	9.9	18.9
6 20	18 49.81	−21 27.5	1.437	2.438	5.3	18.6
6 30	18 39.18	−21 52.7	1.409	2.425	0.6	18.2
7 10	18 28.23	−22 17.1	1.407	2.412	4.8	18.5
7 20	18 18.28	−22 39.1	1.430	2.398	9.6	18.7
7 30	18 10.52	−22 58.3	1.477	2.384	14.0	18.9
8 9	18 5.73	−23 14.8	1.544	2.369	17.7	19.1
257259 2009 FU_{45}			6 30.5 26.°17		3.°5/ 1.0 17	
5 31	19 1.69	−15 49.6	1.094	2.006	17.2	20.1
6 10	18 56.47	−15 45.0	1.048	2.013	12.4	19.9
6 20	18 48.55	−15 52.0	1.022	2.021	7.3	19.6
6 30	18 39.11	−16 9.6	1.018	2.030	3.5	19.4
7 10	18 29.73	−16 35.5	1.036	2.040	6.3	19.6
7 20	18 21.87	−17 6.9	1.077	2.051	11.2	19.9
7 30	18 16.71	−17 41.4	1.138	2.062	15.7	20.2
8 9	18 14.86	−18 16.4	1.216	2.074	19.6	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
423712 2006 BQ_{62}			6 30.5 90.°20		0.°2/30.5 15	
	h m	° ′			°	m
5 31	19 5.94	−22 34.9	1.928	2.816	12.1	22.0
6 10	18 58.42	−22 34.2	1.887	2.844	8.4	21.8
6 20	18 49.19	−22 33.9	1.871	2.871	4.4	21.6
6 30	18 39.15	−22 32.7	1.882	2.898	0.3	21.4
7 10	18 29.36	−22 29.8	1.921	2.925	3.9	21.7
7 20	18 20.74	−22 25.4	1.987	2.951	7.6	22.0
7 30	18 14.06	−22 20.0	2.078	2.976	10.9	22.2
8 9	18 9.74	−22 14.5	2.191	3.001	13.7	22.5
149208 2002 PP_{159}			6 30.5 274.°81		0.°3/30.5 18	
5 31	19 5.05	−22 38.7	1.624	2.521	13.4	21.1
6 10	18 58.71	−23 1.7	1.536	2.497	9.6	20.9
6 20	18 49.82	−23 28.0	1.472	2.474	5.1	20.5
6 30	18 39.20	−23 54.5	1.433	2.449	0.4	20.1
7 10	18 28.09	−24 18.2	1.420	2.424	4.8	20.4
7 20	18 17.83	−24 37.3	1.433	2.399	9.7	20.6
7 30	18 9.67	−24 51.7	1.469	2.374	14.1	20.8
8 9	18 4.49	−25 2.4	1.524	2.348	18.0	21.0
291805 2006 KX_{80}			6 30.5 358.°67		5.°5/ 1.3 17	
5 31	19 0.14	−12 30.7	1.079	1.988	17.6	20.2
6 10	18 55.52	−12 9.2	1.025	1.985	13.2	19.9
6 20	18 48.14	−12 3.0	0.989	1.983	8.6	19.7
6 30	18 39.13	−12 13.3	0.975	1.982	5.6	19.5
7 10	18 29.99	−12 39.0	0.982	1.982	7.6	19.6
7 20	18 22.23	−13 17.1	1.012	1.983	12.1	19.8
7 30	18 17.10	−14 3.5	1.061	1.985	16.6	20.1
8 9	18 15.33	−14 54.1	1.127	1.988	20.6	20.4
436631 2011 OT_{21}			6 30.5 314.°71		3.°5/ 1.2 16	
5 31	19 0.44	−13 25.7	1.791	2.678	12.9	21.2
6 10	18 54.96	−13 22.9	1.722	2.672	9.6	20.9
6 20	18 47.60	−13 29.7	1.675	2.667	6.0	20.7
6 30	18 39.10	−13 45.9	1.653	2.661	3.6	20.6
7 10	18 30.47	−14 10.2	1.658	2.656	5.2	20.7
7 20	18 22.69	−14 40.9	1.688	2.652	8.8	20.9
7 30	18 16.64	−15 16.1	1.743	2.647	12.3	21.1
8 9	18 12.94	−15 53.6	1.817	2.642	15.4	21.3
218399 2004 QF_{5}			6 30.5 29.°90		5.°1/ 2.6 18	
5 31	18 59.76	− 6 59.3	1.644	2.517	14.5	18.9
6 10	18 54.44	− 7 40.2	1.593	2.531	11.1	18.7
6 20	18 47.27	− 8 38.9	1.565	2.546	7.6	18.5
6 30	18 39.08	− 9 53.6	1.562	2.562	5.2	18.4
7 10	18 30.90	−11 19.9	1.585	2.579	6.1	18.5
7 20	18 23.71	−12 52.6	1.634	2.596	9.1	18.7
7 30	18 18.35	−14 26.4	1.707	2.613	12.4	19.0
8 9	18 15.36	−15 57.1	1.801	2.632	15.3	19.2
353648 2011 UY_{115}			6 30.5 333.°65		6.°9/29.2 18	
5 31	19 5.88	−41 7.5	2.003	2.875	12.4	20.6
6 10	18 59.04	−41 59.2	1.942	2.873	9.9	20.5
6 20	18 49.82	−42 38.5	1.905	2.871	7.7	20.3
6 30	18 39.21	−43 0.1	1.892	2.869	6.9	20.3
7 10	18 28.51	−43 1.2	1.905	2.867	8.0	20.4
7 20	18 18.98	−42 42.6	1.942	2.866	10.3	20.5
7 30	18 11.70	−42 7.7	2.002	2.864	12.9	20.6
8 9	18 7.33	−41 21.7	2.082	2.863	15.2	20.8
217582 2008 CV_{25}			6 30.5 48.°33		2.°5/30.9 16	
5 31	19 0.01	−15 53.7	1.956	2.844	11.9	19.9
6 10	18 54.42	−15 47.8	1.901	2.854	8.6	19.8
6 20	18 47.19	−15 48.5	1.869	2.865	5.1	19.6
6 30	18 39.08	−15 55.2	1.864	2.875	2.6	19.4
7 10	18 31.01	−16 7.0	1.886	2.886	4.4	19.6
7 20	18 23.84	−16 22.7	1.933	2.897	7.8	19.8
7 30	18 18.29	−16 41.4	2.006	2.909	11.0	20.0
8 9	18 14.87	−17 1.9	2.099	2.920	13.8	20.2
231935 2001 FO			6 30.5 74.°99		2.°8/ 1.4 18	
5 31	19 2.16	−13 24.3	1.782	2.666	13.1	19.8
6 10	18 56.06	−13 55.4	1.728	2.679	9.5	19.7
6 20	18 48.11	−14 37.2	1.698	2.692	5.7	19.5
6 30	18 39.13	−15 27.4	1.694	2.705	2.9	19.3
7 10	18 30.16	−16 22.9	1.717	2.718	4.7	19.4
7 20	18 22.15	−17 20.6	1.767	2.731	8.3	19.7
7 30	18 15.97	−18 17.7	1.841	2.745	11.8	19.9
8 9	18 12.14	−19 12.1	1.936	2.758	14.8	20.2
413403 2004 TT_{2}			6 30.5 270.°20		1.°0/30.6 17	
5 31	19 5.49	−20 50.2	1.415	2.316	14.8	21.8
6 10	18 59.14	−20 46.6	1.337	2.300	10.6	21.5
6 20	18 50.07	−20 46.4	1.282	2.283	5.8	21.2
6 30	18 39.24	−20 47.9	1.250	2.267	1.1	20.8
7 10	18 28.05	−20 49.8	1.244	2.250	5.2	21.1
7 20	18 17.95	−20 51.5	1.263	2.232	10.4	21.3
7 30	18 10.25	−20 53.3	1.304	2.215	15.1	21.5
8 9	18 5.76	−20 55.8	1.363	2.198	19.1	21.8

188939 2007 DN_2 6 30.5 202°.62 2°.7/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.24	−13 8.0	2.574	3.446	10.0	20.9
6 10	18 53.67	−13 18.9	2.500	3.443	7.3	20.7
6 20	18 46.76	−13 37.1	2.451	3.440	4.6	20.5
6 30	18 39.07	−14 1.9	2.430	3.438	2.7	20.4
7 10	18 31.29	−14 32.2	2.437	3.434	3.9	20.5
7 20	18 24.09	−15 6.5	2.473	3.431	6.7	20.6
7 30	18 18.11	−15 43.2	2.534	3.427	9.4	20.8
8 9	18 13.81	−16 20.8	2.618	3.424	11.8	21.0

471790 2012 VF_{32} 6 30.5 338°.99 4°.0/30.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 55.44	−17 8.1	1.063	1.986	16.6	20.2
6 10	18 52.52	−16 31.1	0.987	1.958	12.2	19.9
6 20	18 46.76	−16 1.0	0.931	1.933	7.4	19.5
6 30	18 39.08	−15 39.8	0.896	1.908	4.0	19.2
7 10	18 30.96	−15 28.5	0.882	1.886	6.9	19.3
7 20	18 23.95	−15 27.7	0.888	1.866	12.3	19.5
7 30	18 19.53	−15 36.4	0.913	1.848	17.5	19.8
8 9	18 18.62	−15 52.6	0.953	1.833	22.0	20.0

423411 2005 MQ_{25} 6 30.5 52°.96 3°.7/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.69	−12 54.2	1.490	2.380	14.8	20.4
6 10	18 56.78	−13 11.1	1.430	2.383	10.9	20.1
6 20	18 48.63	−13 40.8	1.392	2.386	6.7	19.9
6 30	18 39.17	−14 22.0	1.379	2.389	3.7	19.7
7 10	18 29.60	−15 11.8	1.391	2.392	5.6	19.9
7 20	18 21.12	−16 6.7	1.428	2.395	9.7	20.1
7 30	18 14.76	−17 3.3	1.488	2.398	13.7	20.4
8 9	18 11.18	−17 58.8	1.568	2.402	17.1	20.6

147691 2004 RC_{152} 6 30.5 76°.00 3°.3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.57	−34 54.2	2.222	3.100	11.1	19.0
6 10	18 58.91	−34 33.7	2.160	3.106	8.2	18.8
6 20	18 49.49	−34 3.5	2.122	3.112	5.1	18.6
6 30	18 39.21	−33 21.9	2.112	3.118	3.3	18.5
7 10	18 29.12	−32 29.5	2.131	3.124	4.8	18.6
7 20	18 20.19	−31 28.8	2.177	3.130	7.7	18.8
7 30	18 13.19	−30 23.3	2.249	3.136	10.6	19.0
8 9	18 8.57	−29 16.9	2.343	3.142	13.2	19.2

115777 2003 UJ_{213} 6 30.5 173°.45 0°.5/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.75	−21 11.9	1.785	2.676	12.7	20.6
6 10	18 58.70	−21 21.7	1.721	2.678	9.0	20.4
6 20	18 49.56	−21 34.2	1.680	2.681	4.8	20.2
6 30	18 39.22	−21 47.3	1.666	2.682	0.6	19.9
7 10	18 28.82	−21 59.4	1.679	2.683	4.3	20.1
7 20	18 19.46	−22 9.5	1.719	2.684	8.5	20.4
7 30	18 12.10	−22 17.8	1.783	2.684	12.3	20.6
8 9	18 7.34	−22 24.8	1.868	2.683	15.5	20.8

93771 2000 WL_{24} 6 30.5 85°.75 0°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.43	−22 18.2	1.743	2.638	12.8	19.0
6 10	18 57.79	−23 12.8	1.692	2.652	8.9	18.8
6 20	18 49.08	−24 10.3	1.665	2.667	4.7	18.5
6 30	18 39.21	−25 6.6	1.665	2.681	0.8	18.3
7 10	18 29.33	−25 57.6	1.692	2.695	4.4	18.6
7 20	18 20.52	−26 41.2	1.745	2.709	8.5	18.9
7 30	18 13.75	−27 16.6	1.823	2.723	12.1	19.1
8 9	18 9.58	−27 44.6	1.921	2.737	15.1	19.3

145833 1998 WY_{37} 6 30.5 350°.33 1°.2/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 57.64	−25 57.4	2.306	3.202	10.0	18.9
6 10	18 52.78	−26 16.5	2.236	3.196	7.1	18.7
6 20	18 46.38	−26 35.0	2.189	3.190	3.8	18.5
6 30	18 39.09	−26 50.8	2.170	3.185	1.2	18.3
7 10	18 31.70	−27 2.5	2.178	3.181	3.7	18.4
7 20	18 25.02	−27 9.4	2.213	3.177	6.9	18.7
7 30	18 19.77	−27 11.8	2.273	3.174	10.0	18.8
8 9	18 16.47	−27 10.5	2.354	3.171	12.6	19.0

152832 1999 VV_{60} 6 30.5 323°.56 0°.9/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.27	−20 29.5	1.704	2.606	12.6	19.5
6 10	18 54.46	−20 31.9	1.617	2.580	9.0	19.2
6 20	18 47.51	−20 38.1	1.553	2.554	4.9	18.9
6 30	18 39.15	−20 47.0	1.513	2.529	1.0	18.6
7 10	18 30.46	−20 57.1	1.500	2.505	4.5	18.8
7 20	18 22.54	−21 7.5	1.511	2.482	8.9	19.0
7 30	18 16.45	−21 17.7	1.546	2.459	13.1	19.2
8 9	18 12.94	−21 27.7	1.600	2.437	16.7	19.3

69702 1998 HP_{57} 6 30.5 68°.73 6°.8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 9.55	−35 51.4	1.325	2.222	15.9	18.0
6 10	19 2.07	−36 58.6	1.287	2.238	12.0	17.8
6 20	18 51.54	−37 53.4	1.269	2.255	8.4	17.7
6 30	18 39.35	−38 28.3	1.275	2.272	6.8	17.6
7 10	18 27.33	−38 39.6	1.306	2.289	8.6	17.8
7 20	18 17.17	−38 28.6	1.359	2.306	12.0	18.0
7 30	18 10.13	−38 0.6	1.434	2.323	15.4	18.3
8 9	18 6.78	−37 22.0	1.527	2.340	18.4	18.5

371886 2008 CM_{68} 6 30.5 109°.49 0°.2/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 5.98	−23 17.8	1.537	2.436	14.0	20.5
6 10	18 59.02	−23 7.6	1.481	2.442	9.8	20.2
6 20	18 49.77	−22 57.4	1.447	2.449	5.2	20.0
6 30	18 39.27	−22 45.7	1.439	2.455	0.3	19.6
7 10	18 28.84	−22 32.1	1.457	2.462	4.6	20.0
7 20	18 19.71	−22 16.9	1.500	2.468	9.2	20.3
7 30	18 12.90	−22 1.7	1.567	2.474	13.3	20.5
8 9	18 8.97	−21 47.6	1.653	2.480	16.7	20.8

79054 1046 $T\text{-}_3$ 6 30.5 298°.65 7°.8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.70	−40 54.2	1.697	2.574	14.0	19.9
6 10	19 0.94	−41 45.6	1.615	2.549	11.2	19.7
6 20	18 51.16	−42 24.3	1.554	2.524	8.8	19.5
6 30	18 39.36	−42 42.8	1.518	2.499	7.8	19.4
7 10	18 27.09	−42 36.9	1.506	2.474	9.2	19.4
7 20	18 16.03	−42 6.5	1.518	2.450	12.1	19.5
7 30	18 7.63	−41 15.9	1.552	2.425	15.3	19.6
8 9	18 2.78	−40 11.9	1.604	2.400	18.4	19.8

126763 2002 DN_{11} 6 30.5 24°.70 1°.2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.64	−25 51.8	1.576	2.478	13.5	19.3
6 10	18 57.45	−26 0.1	1.517	2.480	9.5	19.1
6 20	18 48.98	−26 6.9	1.481	2.483	5.1	18.9
6 30	18 39.24	−26 9.5	1.470	2.485	1.2	18.6
7 10	18 29.48	−26 6.4	1.484	2.489	4.7	18.8
7 20	18 20.94	−25 57.8	1.524	2.492	9.1	19.1
7 30	18 14.63	−25 45.1	1.587	2.496	13.1	19.4
8 9	18 11.15	−25 30.2	1.670	2.500	16.4	19.6

283001 2007 TF_{386} 6 30.5 308°.22 1°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.89	−17 10.3	1.701	2.596	13.0	20.5
6 10	18 55.53	−17 36.3	1.624	2.582	9.4	20.2
6 20	18 48.04	−18 10.8	1.569	2.568	5.3	20.0
6 30	18 39.20	−18 51.8	1.540	2.555	1.7	19.7
7 10	18 30.06	−19 36.5	1.537	2.542	4.5	19.9
7 20	18 21.75	−20 22.1	1.560	2.529	8.9	20.1
7 30	18 15.28	−21 6.5	1.607	2.516	12.9	20.3
8 9	18 11.38	−21 48.4	1.673	2.504	16.3	20.5

96998 1999 TX_{225} 6 30.5 56°.25 1°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.05	−25 43.9	1.262	2.170	15.6	18.8
6 10	18 59.34	−25 59.9	1.221	2.187	11.0	18.6
6 20	18 49.99	−26 14.3	1.201	2.204	5.9	18.4
6 30	18 39.29	−26 23.4	1.205	2.221	1.5	18.1
7 10	18 28.81	−26 25.4	1.233	2.238	5.4	18.4
7 20	18 19.99	−26 20.6	1.286	2.256	10.2	18.8
7 30	18 13.91	−26 10.7	1.360	2.273	14.5	19.1
8 9	18 11.10	−25 58.1	1.452	2.291	18.0	19.3

258369 2001 WV_{90} 6 30.5 225°.46 0°.2/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.17	−24 4.0	2.349	3.236	10.2	20.7
6 10	18 55.88	−23 57.0	2.274	3.230	7.2	20.5
6 20	18 47.99	−23 49.2	2.223	3.224	3.8	20.2
6 30	18 39.20	−23 39.5	2.201	3.218	0.2	19.9
7 10	18 30.34	−23 27.6	2.207	3.211	3.5	20.2
7 20	18 22.24	−23 13.6	2.241	3.204	6.9	20.4
7 30	18 15.65	−22 58.3	2.300	3.197	10.1	20.6
8 9	18 11.06	−22 42.9	2.382	3.189	12.8	20.8

235834 2004 XX_{164} 6 30.5 192°.39 5°.8/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.50	−40 21.2	2.429	3.290	10.9	21.8
6 10	19 0.58	−41 8.8	2.362	3.288	8.6	21.6
6 20	18 50.58	−41 45.8	2.320	3.286	6.6	21.5
6 30	18 39.34	−42 7.8	2.304	3.283	5.8	21.5
7 10	18 27.98	−42 12.2	2.316	3.279	6.8	21.5
7 20	18 17.60	−41 59.5	2.355	3.274	8.9	21.6
7 30	18 9.16	−41 32.5	2.418	3.269	11.3	21.8
8 9	18 3.28	−40 55.3	2.502	3.263	13.4	21.9

356190 2009 KV_{12} 6 30.5 303°.87 4°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.71	−12 49.9	2.013	2.894	11.9	20.7
6 10	18 54.33	−12 23.4	1.937	2.883	8.9	20.5
6 20	18 47.26	−12 4.6	1.885	2.873	5.9	20.3
6 30	18 39.18	−11 54.5	1.859	2.863	4.0	20.2
7 10	18 30.98	−11 53.1	1.860	2.853	5.4	20.3
7 20	18 23.51	−12 0.2	1.886	2.843	8.4	20.4
7 30	18 17.58	−12 14.4	1.937	2.834	11.6	20.6
8 9	18 13.74	−12 34.3	2.008	2.824	14.5	20.8

313306 2002 CS_{306} 6 30.5 211°.55 6°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.28	+ 0 21.1	2.560	3.381	11.6	20.9
6 10	18 53.71	+ 0 20.2	2.485	3.376	9.6	20.8
6 20	18 46.83	+ 0 3.6	2.433	3.372	7.8	20.6
6 30	18 39.18	− 0 29.3	2.407	3.367	6.7	20.5
7 10	18 31.43	− 1 17.9	2.407	3.362	7.0	20.6
7 20	18 24.23	− 2 19.9	2.434	3.357	8.5	20.6
7 30	18 18.22	− 3 32.0	2.487	3.352	10.6	20.8
8 9	18 13.85	− 4 50.4	2.562	3.346	12.6	20.9

127728 2003 EU_{49} 6 30.5 54°.26 4°.9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 6.23	−33 4.7	1.497	2.395	14.3	19.4
6 10	18 59.51	−33 50.6	1.448	2.404	10.5	19.2
6 20	18 50.16	−34 28.4	1.420	2.412	6.8	19.0
6 30	18 39.35	−34 52.5	1.417	2.421	4.9	18.9
7 10	18 28.57	−34 59.9	1.439	2.431	6.9	19.0
7 20	18 19.26	−34 51.1	1.485	2.440	10.5	19.3
7 30	18 12.55	−34 29.5	1.554	2.449	14.1	19.5
8 9	18 9.06	−33 59.7	1.641	2.459	17.1	19.7

520025 2013 UD_{22} 6 30.5 207°.14 7°.7/28.3 17

5 31	19 10.62	−42 51.6	2.110	2.968	12.4	21.9
6 10	19 2.60	−44 11.2	2.045	2.963	10.1	21.8
6 20	18 51.91	−45 18.4	2.004	2.958	8.3	21.6
6 30	18 39.50	−46 6.3	1.989	2.952	7.7	21.6
7 10	18 26.76	−46 30.8	2.000	2.945	8.8	21.6
7 20	18 15.11	−46 31.6	2.036	2.938	10.9	21.8
7 30	18 5.82	−46 12.2	2.094	2.931	13.3	21.9
8 9	17 59.68	−45 38.3	2.172	2.923	15.5	22.1

285478 2000 BM_{13} 6 30.5 153°.43 0°.7/30.5 17

5 31	19 6.33	−24 33.4	1.837	2.727	12.4	22.0
6 10	18 59.09	−24 43.6	1.776	2.734	8.7	21.8
6 20	18 49.81	−24 53.2	1.740	2.740	4.6	21.6
6 30	18 39.39	−24 59.8	1.730	2.746	0.7	21.3
7 10	18 28.98	−25 2.0	1.748	2.751	4.2	21.6
7 20	18 19.66	−24 59.6	1.792	2.756	8.3	21.8
7 30	18 12.37	−24 53.7	1.861	2.760	11.9	22.1
8 9	18 7.67	−24 45.7	1.951	2.764	15.0	22.3

435820 2008 WL_{37} 6 30.5 89°.05 2°.7/29.9 17

5 31	19 4.91	−28 34.0	1.905	2.797	12.0	21.3
6 10	18 58.08	−29 20.0	1.856	2.813	8.5	21.1
6 20	18 49.26	−30 2.8	1.831	2.829	4.9	20.9
6 30	18 39.36	−30 38.4	1.833	2.845	2.7	20.8
7 10	18 29.50	−31 4.0	1.863	2.860	4.9	20.9
7 20	18 20.73	−31 19.1	1.919	2.876	8.4	21.2
7 30	18 13.95	−31 24.7	1.999	2.891	11.6	21.4
8 9	18 9.70	−31 23.3	2.100	2.906	14.3	21.6

198920 2005 UP_{158} 6 30.5 255°.44 0°.3/30.5 17

5 31	19 6.85	−23 11.1	1.355	2.258	15.2	20.7
6 10	19 0.24	−23 23.5	1.283	2.247	10.8	20.4
6 20	18 50.77	−23 37.7	1.233	2.235	5.8	20.1
6 30	18 39.45	−23 50.8	1.207	2.223	0.4	19.6
7 10	18 27.81	−24 0.0	1.206	2.211	5.3	20.0
7 20	18 17.40	−24 4.6	1.229	2.199	10.6	20.2
7 30	18 9.57	−24 5.3	1.274	2.186	15.4	20.5
8 9	18 5.14	−24 3.8	1.338	2.173	19.4	20.7

416105 2002 PA_{112} 6 30.5 298°.20 0°.9/30.5 17

5 31	19 6.07	−26 32.8	1.415	2.318	14.6	20.6
6 10	18 59.50	−26 12.4	1.345	2.309	10.4	20.3
6 20	18 50.26	−25 47.5	1.297	2.299	5.6	20.0
6 30	18 39.42	−25 16.5	1.273	2.290	1.0	19.7
7 10	18 28.46	−24 39.3	1.275	2.280	5.1	19.9
7 20	18 18.82	−23 58.0	1.302	2.271	10.1	20.2
7 30	18 11.72	−23 15.8	1.350	2.262	14.7	20.4
8 9	18 7.84	−22 35.8	1.418	2.254	18.5	20.7

4043 Perolof 6 30.5 329°.11 1°.5/30.4 18

5 31	19 1.79	−27 36.5	1.986	2.881	11.4	16.9
6 10	18 55.91	−27 35.9	1.915	2.874	8.1	16.7
6 20	18 48.16	−27 32.1	1.868	2.868	4.5	16.4
6 30	18 39.32	−27 23.2	1.847	2.862	1.5	16.2
7 10	18 30.42	−27 8.4	1.854	2.856	4.2	16.4
7 20	18 22.44	−26 48.2	1.886	2.851	7.9	16.6
7 30	18 16.25	−26 24.2	1.944	2.846	11.4	16.8
8 9	18 12.41	−25 58.4	2.022	2.841	14.3	17.0

430266 2013 WQ_{41} 6 30.5 254°.05 0°.1/30.5 17

5 31	19 3.87	−23 6.4	1.732	2.629	12.8	21.1
6 10	18 57.57	−23 13.3	1.662	2.623	9.0	20.9
6 20	18 49.12	−23 21.1	1.615	2.617	4.8	20.6
6 30	18 39.37	−23 28.0	1.594	2.611	0.3	20.3
7 10	18 29.49	−23 32.3	1.600	2.605	4.3	20.6
7 20	18 20.61	−23 33.5	1.632	2.599	8.7	20.8
7 30	18 13.73	−23 32.4	1.687	2.593	12.6	21.1
8 9	18 9.50	−23 29.7	1.763	2.586	15.9	21.3

321685 2010 EN_{99} 6 30.6 285°.57 3°.2/ 1.2 16

5 31	19 1.01	−14 4.8	1.871	2.756	12.5	21.1
6 10	18 55.38	−14 4.5	1.801	2.751	9.2	20.9
6 20	18 47.90	−14 13.0	1.754	2.746	5.7	20.7
6 30	18 39.32	−14 29.7	1.733	2.742	3.2	20.5
7 10	18 30.62	−14 53.5	1.738	2.737	4.9	20.6
7 20	18 22.74	−15 22.6	1.770	2.733	8.4	20.8
7 30	18 16.54	−15 55.4	1.825	2.728	11.9	21.0
8 9	18 12.62	−16 30.0	1.902	2.724	15.0	21.2

353952 1999 RL_{84} 6 30.6 305°.85 7°.4/29.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 6.55	−43 16.8	2.037	2.901	12.5	20.1
6 10	18 59.68	−43 54.5	1.962	2.885	10.2	19.9
6 20	18 50.32	−44 18.2	1.909	2.869	8.2	19.8
6 30	18 39.46	−44 22.6	1.881	2.853	7.4	19.7
7 10	18 28.42	−44 5.1	1.879	2.837	8.4	19.7
7 20	18 18.55	−43 26.6	1.901	2.822	10.6	19.8
7 30	18 10.98	−42 31.1	1.945	2.807	13.2	20.0
8 9	18 6.41	−41 24.4	2.010	2.792	15.7	20.1

4352 Kyoto 6 30.6 238°.44 2°.7/29.8 18 R

5 31	19 4.39	−29 14.1	2.267	3.152	10.6	16.6
6 10	18 57.77	−30 0.8	2.186	3.139	7.6	16.4
6 20	18 49.22	−30 45.4	2.131	3.126	4.5	16.2
6 30	18 39.43	−31 24.1	2.103	3.113	2.7	16.1
7 10	18 29.38	−31 53.9	2.104	3.099	4.7	16.2
7 20	18 20.03	−32 13.6	2.132	3.085	7.9	16.3
7 30	18 12.32	−32 23.8	2.185	3.070	11.0	16.5
8 9	18 6.90	−32 26.1	2.260	3.054	13.8	16.7

12734 Haruna 6 30.6 191°.12 6°.1/29.1 18

5 31	19 10.12	−38 1.5	2.002	2.874	12.4	18.2
6 10	19 2.13	−39 7.1	1.937	2.873	9.6	18.1
6 20	18 51.62	−40 3.0	1.897	2.871	7.1	17.9
6 30	18 39.56	−40 42.8	1.883	2.868	6.1	17.8
7 10	18 27.28	−41 3.0	1.895	2.865	7.5	17.9
7 20	18 16.11	−41 3.3	1.934	2.861	10.1	18.1
7 30	18 7.23	−40 46.8	1.996	2.857	12.9	18.2
8 9	18 1.35	−40 18.4	2.078	2.852	15.5	18.4

376599 2013 PK_{31} 6 30.6 320°.74 2°.7/30.4 18

5 31	19 4.92	−28 57.5	1.329	2.236	15.1	20.0
6 10	18 58.93	−29 5.7	1.262	2.226	10.9	19.7
6 20	18 50.08	−29 8.7	1.216	2.217	6.2	19.4
6 30	18 39.48	−29 2.7	1.194	2.208	2.7	19.2
7 10	18 28.70	−28 45.8	1.196	2.199	5.9	19.4
7 20	18 19.29	−28 19.0	1.222	2.191	10.7	19.6
7 30	18 12.58	−27 45.6	1.269	2.183	15.3	19.9
8 9	18 9.29	−27 9.3	1.335	2.176	19.1	20.1

138014 2000 CN_{103} 6 30.6 152°.39 1°.9/30.8 18

5 31	19 5.84	−18 27.5	1.948	2.831	12.2	20.7
6 10	18 58.58	−18 8.4	1.887	2.839	8.7	20.5
6 20	18 49.50	−17 52.7	1.850	2.847	4.9	20.3
6 30	18 39.45	−17 40.3	1.841	2.855	2.0	20.1
7 10	18 29.44	−17 30.8	1.860	2.861	4.3	20.3
7 20	18 20.44	−17 24.3	1.906	2.867	8.1	20.6
7 30	18 13.27	−17 21.0	1.977	2.873	11.5	20.8
8 9	18 8.44	−17 20.6	2.069	2.877	14.4	21.0

483178 2015 PM_{81} 6 30.6 327°.07 2°.6/30.4 18

5 31	19 2.79	−30 19.0	1.861	2.756	12.1	21.0
6 10	18 56.79	−30 20.4	1.789	2.746	8.7	20.7
6 20	18 48.70	−30 16.0	1.740	2.738	5.1	20.5
6 30	18 39.41	−30 3.4	1.717	2.729	2.6	20.3
7 10	18 30.03	−29 41.7	1.721	2.721	4.8	20.5
7 20	18 21.68	−29 11.9	1.750	2.713	8.6	20.7
7 30	18 15.29	−28 36.3	1.804	2.706	12.1	20.9
8 9	18 11.49	−27 57.9	1.878	2.699	15.2	21.1

75051 1999 UN_{48} 6 30.6 278°.40 0°.5/30.7 18

5 31	19 4.35	−20 36.0	1.523	2.422	14.0	19.3
6 10	18 58.33	−20 56.6	1.442	2.404	10.0	19.0
6 20	18 49.76	−21 22.5	1.384	2.385	5.4	18.7
6 30	18 39.48	−21 51.2	1.350	2.367	0.6	18.3
7 10	18 28.79	−22 19.9	1.343	2.348	4.9	18.6
7 20	18 19.03	−22 46.3	1.360	2.330	9.8	18.8
7 30	18 11.44	−23 9.6	1.401	2.311	14.4	19.1
8 9	18 6.89	−23 30.1	1.460	2.292	18.2	19.3

293904 2007 RH_{314} 6 30.6 257°.29 3°.4/30.9 17

5 31	19 4.58	−15 51.9	1.501	2.393	14.6	21.0
6 10	18 58.31	−15 30.8	1.428	2.383	10.7	20.7
6 20	18 49.64	−15 17.1	1.377	2.373	6.5	20.5
6 30	18 39.48	−15 11.1	1.351	2.362	3.4	20.3
7 10	18 29.09	−15 12.5	1.351	2.351	5.8	20.4
7 20	18 19.74	−15 20.6	1.375	2.340	10.2	20.6
7 30	18 12.56	−15 34.5	1.422	2.329	14.4	20.8
8 9	18 8.28	−15 52.9	1.488	2.318	18.0	21.0

20913 4214 P–L 6 30.6 138°.63 1°.5/30.8 18

5 31	19 0.36	−18 20.4	2.412	3.295	10.1	19.2
6 10	18 54.56	−18 13.0	2.347	3.299	7.2	19.0
6 20	18 47.34	−18 9.1	2.306	3.303	4.1	18.8
6 30	18 39.35	−18 8.0	2.293	3.307	1.6	18.6
7 10	18 31.35	−18 9.3	2.308	3.311	3.5	18.8
7 20	18 24.06	−18 12.6	2.351	3.314	6.7	19.0
7 30	18 18.14	−18 17.6	2.420	3.317	9.6	19.2
8 9	18 14.04	−18 23.9	2.511	3.320	12.1	19.3

395379 2011 SJ_{44} 6 30.6 273°.85 1°.0/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.56	−25 34.6	2.003	2.897	11.4	21.2
6 10	18 56.48	−25 43.2	1.932	2.891	8.1	21.0
6 20	18 48.50	−25 50.7	1.884	2.885	4.3	20.8
6 30	18 39.42	−25 54.9	1.863	2.879	1.0	20.5
7 10	18 30.23	−25 54.6	1.869	2.873	4.0	20.7
7 20	18 21.92	−25 49.6	1.902	2.867	7.8	20.9
7 30	18 15.36	−25 40.9	1.959	2.861	11.3	21.1
8 9	18 11.15	−25 29.8	2.038	2.855	14.3	21.3

280968 2006 DJ_{1} 6 30.6 247°.18 3°.2/29.8 18

5 31	19 6.32	−30 30.7	2.099	2.984	11.4	21.3
6 10	18 59.32	−31 12.4	2.014	2.966	8.3	21.1
6 20	18 50.13	−31 50.7	1.953	2.947	5.1	20.8
6 30	18 39.52	−32 21.4	1.920	2.928	3.2	20.7
7 10	18 28.56	−32 41.5	1.915	2.908	5.2	20.8
7 20	18 18.38	−32 49.8	1.936	2.888	8.6	20.9
7 30	18 10.03	−32 47.5	1.983	2.867	12.0	21.1
8 9	18 4.23	−32 37.3	2.050	2.846	15.0	21.3

140894 2001 VT_{32} 6 30.6 193°.20 0°.2/30.6 18

5 31	19 1.37	−22 8.1	2.624	3.507	9.4	20.9
6 10	18 55.24	−22 12.3	2.551	3.505	6.6	20.8
6 20	18 47.71	−22 17.4	2.503	3.503	3.5	20.6
6 30	18 39.38	−22 22.3	2.484	3.501	0.3	20.3
7 10	18 30.99	−22 26.2	2.494	3.498	3.1	20.5
7 20	18 23.26	−22 28.6	2.532	3.494	6.3	20.7
7 30	18 16.83	−22 29.8	2.596	3.491	9.1	20.9
8 9	18 12.19	−22 30.1	2.683	3.486	11.6	21.1

240699 2005 GQ_{17} 6 30.6 200°.91 1°.4/30.4 18

5 31	19 3.70	−26 33.1	2.089	2.979	11.2	21.6
6 10	18 57.21	−26 48.7	2.020	2.977	7.9	21.4
6 20	18 48.86	−27 2.6	1.975	2.975	4.3	21.1
6 30	18 39.45	−27 12.2	1.958	2.973	1.4	20.9
7 10	18 29.95	−27 16.1	1.968	2.970	4.1	21.1
7 20	18 21.34	−27 14.1	2.005	2.967	7.7	21.3
7 30	18 14.47	−27 7.1	2.067	2.964	11.0	21.5
8 9	18 9.91	−26 56.7	2.151	2.960	13.9	21.7

16486 1990 RM_{3} 6 30.6 10°.29 6°.9/30.1 18

5 31	19 4.88	−35 0.9	1.002	1.918	18.0	16.7
6 10	18 59.51	−35 41.6	0.956	1.920	13.5	16.4
6 20	18 50.56	−36 9.0	0.928	1.922	9.1	16.2
6 30	18 39.54	−36 15.7	0.922	1.926	6.9	16.1
7 10	18 28.57	−35 58.2	0.936	1.930	9.1	16.2
7 20	18 19.65	−35 19.3	0.971	1.936	13.3	16.4
7 30	18 14.26	−34 25.4	1.025	1.943	17.7	16.7
8 9	18 13.01	−33 24.0	1.096	1.951	21.5	17.0

12774 Pfund 6 30.6 251°.54 1°.2/30.8 18

5 31	19 2.79	−19 21.9	2.128	3.014	11.2	19.9
6 10	18 56.60	−19 26.1	2.043	2.998	8.0	19.7
6 20	18 48.59	−19 33.8	1.983	2.982	4.4	19.4
6 30	18 39.45	−19 44.1	1.950	2.965	1.2	19.2
7 10	18 30.07	−19 55.6	1.944	2.948	3.9	19.4
7 20	18 21.39	−20 7.6	1.966	2.930	7.7	19.6
7 30	18 14.27	−20 19.7	2.013	2.912	11.2	19.7
8 9	18 9.32	−20 31.7	2.082	2.894	14.2	19.9

55282 2001 SK_{20} 6 30.6 274°.88 0°.8/30.4 18

5 31	19 1.97	−24 25.1	2.065	2.957	11.2	19.3
6 10	18 56.08	−24 44.8	1.988	2.947	7.9	19.1
6 20	18 48.33	−25 5.0	1.935	2.936	4.2	18.9
6 30	18 39.43	−25 23.4	1.909	2.925	0.8	18.6
7 10	18 30.35	−25 38.1	1.911	2.914	3.9	18.8
7 20	18 22.06	−25 48.1	1.939	2.903	7.7	19.0
7 30	18 15.42	−25 53.7	1.992	2.893	11.2	19.2
8 9	18 11.05	−25 55.9	2.067	2.882	14.2	19.4

315340 2007 TP_{445} 6 30.6 167°.59 1°.2/30.4 17

5 31	19 7.56	−25 6.4	1.839	2.728	12.5	22.0
6 10	19 0.08	−25 35.1	1.776	2.733	8.8	21.8
6 20	18 50.45	−26 3.4	1.738	2.738	4.7	21.6
6 30	18 39.56	−26 27.9	1.726	2.741	1.2	21.4
7 10	18 28.61	−26 46.1	1.742	2.744	4.4	21.6
7 20	18 18.72	−26 57.3	1.785	2.746	8.5	21.8
7 30	18 10.89	−27 2.3	1.852	2.748	12.2	22.1
8 9	18 5.73	−27 2.8	1.940	2.749	15.2	22.3

228029 MANIAC 6 30.6 357°.26 0°.3/30.6 17

5 31	18 57.15	−22 18.2	0.964	1.894	17.2	19.6
6 10	18 53.85	−22 19.4	0.911	1.887	12.2	19.3
6 20	18 47.55	−22 24.4	0.877	1.882	6.5	19.0
6 30	18 39.42	−22 31.0	0.863	1.879	0.5	18.5
7 10	18 31.16	−22 37.2	0.870	1.878	5.8	18.9
7 20	18 24.42	−22 41.9	0.897	1.879	11.6	19.2
7 30	18 20.58	−22 45.1	0.944	1.882	16.7	19.5
8 9	18 20.35	−22 47.0	1.006	1.887	21.0	19.8

220316 2003 EL_{60} 6 30.6 83°.79 1°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.40	−18 37.5	1.622	2.516	13.6	20.0
6 10	18 57.83	−18 51.8	1.573	2.532	9.6	19.8
6 20	18 49.22	−19 11.6	1.547	2.547	5.3	19.6
6 30	18 39.50	−19 34.9	1.547	2.563	1.4	19.4
7 10	18 29.87	−19 59.6	1.574	2.578	4.5	19.6
7 20	18 21.42	−20 24.1	1.626	2.593	8.7	19.9
7 30	18 15.05	−20 47.3	1.702	2.608	12.4	20.2
8 9	18 11.30	−21 9.0	1.798	2.623	15.6	20.4

490263 2008 XF_{39} 6 30.6 213°.62 1°.0/30.4 17

5 31	19 3.69	−25 12.6	2.121	3.010	11.1	22.7
6 10	18 57.21	−25 29.7	2.048	3.005	7.8	22.5
6 20	18 48.90	−25 46.3	2.000	3.000	4.2	22.3
6 30	18 39.49	−26 0.0	1.979	2.995	1.0	22.0
7 10	18 29.96	−26 9.1	1.986	2.989	3.9	22.2
7 20	18 21.26	−26 13.1	2.021	2.983	7.6	22.4
7 30	18 14.25	−26 12.6	2.080	2.977	11.0	22.6
8 9	18 9.51	−26 8.9	2.161	2.970	13.8	22.8

300087 2006 UX_{228} 6 30.6 209°.99 3°.8/ 1.3 18

5 31	18 59.79	− 9 54.5	2.807	3.665	9.7	21.8
6 10	18 54.05	− 9 38.7	2.728	3.659	7.4	21.6
6 20	18 47.08	− 9 30.5	2.674	3.652	5.1	21.5
6 30	18 39.39	− 9 30.4	2.648	3.644	3.8	21.4
7 10	18 31.62	− 9 38.2	2.651	3.636	4.6	21.4
7 20	18 24.37	− 9 53.2	2.681	3.627	6.8	21.5
7 30	18 18.22	−10 14.3	2.737	3.618	9.2	21.7
8 9	18 13.62	−10 40.1	2.817	3.609	11.4	21.8

96620 1999 CG_{116} 6 30.6 98°.82 0°.0/30.5 18

5 31	19 7.04	−23 29.9	1.354	2.257	15.2	19.1
6 10	19 0.10	−23 21.6	1.299	2.263	10.7	18.8
6 20	18 50.56	−23 13.3	1.266	2.268	5.7	18.5
6 30	18 39.59	−23 3.3	1.258	2.274	0.3	18.2
7 10	18 28.67	−22 50.6	1.274	2.280	5.0	18.5
7 20	18 19.22	−22 36.0	1.315	2.285	10.0	18.8
7 30	18 12.35	−22 20.9	1.379	2.291	14.4	19.1
8 9	18 8.69	−22 6.9	1.461	2.296	18.1	19.4

293648 2007 PX_{2} 6 30.6 333°.44 0°.3/30.6 17

5 31	18 56.26	−21 55.4	0.864	1.800	18.0	19.5
6 10	18 53.83	−22 20.8	0.794	1.773	13.0	19.1
6 20	18 47.91	−22 54.7	0.740	1.747	7.0	18.7
6 30	18 39.47	−23 33.5	0.706	1.723	0.5	18.1
7 10	18 30.29	−24 12.5	0.692	1.701	6.6	18.5
7 20	18 22.40	−24 47.2	0.696	1.681	13.3	18.7
7 30	18 17.72	−25 15.6	0.717	1.663	19.5	19.0
8 9	18 17.44	−25 37.2	0.752	1.648	24.7	19.2

204746 2006 HM_{152} 6 30.6 36°.22 0°.3/30.5 17

5 31	19 2.83	−22 58.4	1.794	2.690	12.4	20.7
6 10	18 56.79	−23 18.6	1.730	2.691	8.7	20.4
6 20	18 48.74	−23 40.5	1.690	2.692	4.6	20.2
6 30	18 39.51	−24 1.5	1.677	2.693	0.4	19.9
7 10	18 30.20	−24 19.7	1.690	2.694	4.2	20.2
7 20	18 21.87	−24 33.9	1.729	2.696	8.3	20.4
7 30	18 15.45	−24 44.2	1.792	2.697	12.0	20.6
8 9	18 11.54	−24 51.4	1.876	2.698	15.1	20.9

303779 2005 QU_{189} 6 30.6 70°.11 1°.4/30.3 18

5 31	19 2.09	−26 42.8	2.135	3.027	10.9	20.8
6 10	18 56.05	−26 59.9	2.070	3.028	7.7	20.6
6 20	18 48.27	−27 15.3	2.029	3.029	4.2	20.4
6 30	18 39.49	−27 26.6	2.016	3.030	1.4	20.2
7 10	18 30.66	−27 32.4	2.029	3.032	4.0	20.4
7 20	18 22.69	−27 32.4	2.070	3.033	7.5	20.6
7 30	18 16.40	−27 27.4	2.136	3.034	10.7	20.8
8 9	18 12.30	−27 18.8	2.223	3.035	13.4	21.0

311467 2005 UH_{459} 6 30.6 202°.94 4°.1/ 1.3 18

5 31	18 59.38	−10 10.6	2.419	3.285	10.7	20.8
6 10	18 53.91	− 9 51.5	2.349	3.284	8.2	20.6
6 20	18 47.06	− 9 41.1	2.303	3.283	5.6	20.4
6 30	18 39.43	− 9 39.9	2.284	3.281	4.2	20.3
7 10	18 31.75	− 9 47.8	2.292	3.279	5.1	20.4
7 20	18 24.69	−10 3.9	2.327	3.277	7.5	20.6
7 30	18 18.92	−10 26.7	2.387	3.275	10.1	20.7
8 9	18 14.88	−10 54.6	2.470	3.273	12.5	20.9

127848 2003 FW_{111} 6 30.6 350°.36 3°.2/ 1.4 18

5 31	18 57.26	−14 33.7	0.896	1.821	18.7	18.0
6 10	18 54.13	−15 9.1	0.840	1.811	13.7	17.7
6 20	18 47.84	−16 4.4	0.801	1.803	8.1	17.4
6 30	18 39.49	−17 16.7	0.782	1.796	3.4	17.1
7 10	18 30.77	−18 39.8	0.783	1.791	6.5	17.2
7 20	18 23.47	−20 6.0	0.805	1.788	12.4	17.5
7 30	18 19.15	−21 28.6	0.846	1.787	17.8	17.8
8 9	18 18.70	−22 43.2	0.902	1.787	22.4	18.1

395226 2010 LS_{106} 6 30.6 91°.19 7°.3/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.23	− 1 39.2	2.020	2.862	13.5	20.6
6 10	18 54.64	− 1 23.1	1.962	2.869	11.0	20.4
6 20	18 47.49	− 1 24.3	1.926	2.877	8.7	20.3
6 30	18 39.47	− 1 43.8	1.914	2.884	7.4	20.2
7 10	18 31.42	− 2 21.1	1.927	2.891	7.8	20.3
7 20	18 24.16	− 3 13.4	1.966	2.898	9.7	20.4
7 30	18 18.42	− 4 17.1	2.029	2.906	12.1	20.6
8 9	18 14.68	− 5 27.8	2.113	2.913	14.4	20.8

373160 2012 CU_{51} 6 30.6 71°.77 1°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.44	−19 2.3	1.373	2.273	15.2	21.1
6 10	18 58.81	−19 4.3	1.328	2.289	10.7	20.9
6 20	18 49.82	−19 11.9	1.304	2.304	5.9	20.7
6 30	18 39.59	−19 23.5	1.305	2.320	1.7	20.4
7 10	18 29.51	−19 37.2	1.331	2.336	5.0	20.7
7 20	18 20.83	−19 51.8	1.381	2.351	9.6	21.0
7 30	18 14.57	−20 6.6	1.455	2.367	13.8	21.3
8 9	18 11.29	−20 21.4	1.547	2.383	17.2	21.5

281666 2008 VH_{27} 6 30.6 2°.32 1°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.62	−20 48.7	1.560	2.461	13.6	20.4
6 10	18 56.79	−20 30.3	1.498	2.460	9.7	20.2
6 20	18 48.78	−20 14.2	1.459	2.460	5.3	19.9
6 30	18 39.54	−20 0.0	1.445	2.460	1.3	19.6
7 10	18 30.27	−19 47.5	1.456	2.461	4.7	19.9
7 20	18 22.13	−19 36.7	1.492	2.462	9.1	20.1
7 30	18 16.09	−19 28.4	1.552	2.463	13.1	20.4
8 9	18 12.76	−19 22.6	1.631	2.465	16.5	20.6

97931 2000 QL_{108} 6 30.6 227°.70 1°.2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.80	−18 48.7	1.619	2.511	13.7	19.8
6 10	18 59.16	−19 9.5	1.546	2.503	9.8	19.6
6 20	18 50.14	−19 36.8	1.495	2.495	5.4	19.3
6 30	18 39.63	−20 8.2	1.470	2.486	1.3	19.0
7 10	18 28.83	−20 40.9	1.472	2.476	4.7	19.2
7 20	18 19.01	−21 12.9	1.499	2.466	9.3	19.5
7 30	18 11.29	−21 42.8	1.550	2.456	13.5	19.7
8 9	18 6.41	−22 10.3	1.622	2.445	17.1	19.9

445816 2012 BH_{120} 6 30.6 203°.88 0°.7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.01	−20 39.5	2.605	3.489	9.4	22.4
6 10	18 54.33	−20 41.7	2.532	3.487	6.7	22.2
6 20	18 47.28	−20 45.9	2.485	3.485	3.6	22.0
6 30	18 39.46	−20 51.1	2.466	3.482	0.7	21.8
7 10	18 31.58	−20 56.6	2.476	3.480	3.1	22.0
7 20	18 24.33	−21 1.8	2.513	3.477	6.3	22.2
7 30	18 18.35	−21 6.6	2.577	3.474	9.1	22.4
8 9	18 14.10	−21 11.2	2.663	3.471	11.6	22.5

78460 2002 RD_{36} 6 30.6 191°.22 0°.6/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.88	−21 40.1	2.085	2.974	11.2	19.9
6 10	18 56.58	−21 34.5	2.016	2.973	7.9	19.6
6 20	18 48.55	−21 30.3	1.972	2.973	4.2	19.4
6 30	18 39.53	−21 26.3	1.955	2.972	0.6	19.1
7 10	18 30.47	−21 22.0	1.966	2.970	3.7	19.4
7 20	18 22.26	−21 17.2	2.004	2.969	7.5	19.6
7 30	18 15.71	−21 12.2	2.067	2.967	10.9	19.8
8 9	18 11.34	−21 7.7	2.151	2.966	13.7	20.0

59913 1999 RB_{157} 6 30.6 284°.50 4°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.89	−35 9.4	2.192	3.074	11.1	19.5
6 10	18 57.50	−35 34.7	2.117	3.063	8.3	19.3
6 20	18 49.12	−35 52.4	2.067	3.053	5.6	19.2
6 30	18 39.57	−35 58.9	2.043	3.042	4.3	19.0
7 10	18 29.88	−35 52.3	2.046	3.032	5.7	19.1
7 20	18 21.11	−35 32.9	2.075	3.022	8.5	19.3
7 30	18 14.15	−35 3.1	2.129	3.011	11.4	19.4
8 9	18 9.63	−34 26.3	2.203	3.001	14.0	19.6

511455 2014 JF_{84} 6 30.6 358°.94 2°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.18	−26 8.9	1.826	2.726	12.0	20.4
6 10	18 55.77	−27 12.2	1.763	2.724	8.5	20.2
6 20	18 48.29	−28 16.5	1.723	2.723	4.8	20.0
6 30	18 39.54	−29 16.9	1.709	2.722	2.3	19.8
7 10	18 30.59	−30 9.4	1.722	2.722	4.9	20.0
7 20	18 22.53	−30 51.6	1.762	2.723	8.6	20.2
7 30	18 16.34	−31 23.0	1.824	2.724	12.1	20.4
8 9	18 12.68	−31 44.9	1.908	2.725	15.1	20.6

121713 1999 XT_{113} 6 30.6 217°.01 0°.7/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.94	−21 54.7	2.722	3.603	9.2	19.8
6 10	18 55.61	−21 29.9	2.643	3.597	6.5	19.6
6 20	18 47.95	−21 4.8	2.591	3.590	3.5	19.4
6 30	18 39.53	−20 39.4	2.568	3.584	0.7	19.1
7 10	18 31.09	−20 14.0	2.573	3.577	3.1	19.3
7 20	18 23.30	−19 49.1	2.608	3.569	6.2	19.5
7 30	18 16.79	−19 25.5	2.669	3.562	9.0	19.7
8 9	18 12.00	−19 4.0	2.754	3.554	11.4	19.9

367072 2006 PV_{19} 6 30.6 328°.81 2°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	18 59.44	−18 30.0	1.070	1.989	16.8	20.0
6 10	18 55.55	−18 36.5	0.997	1.968	12.2	19.7
6 20	18 48.61	−18 52.6	0.944	1.947	6.9	19.3
6 30	18 39.58	−19 17.0	0.912	1.928	2.1	19.0
7 10	18 30.04	−19 47.1	0.902	1.909	6.0	19.2
7 20	18 21.65	−20 19.9	0.913	1.892	11.9	19.4
7 30	18 15.99	−20 53.3	0.944	1.877	17.3	19.7
8 9	18 14.03	−21 25.4	0.990	1.862	21.9	19.9

472238 2014 HZ_{77} 6 30.6 192°.10 1°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.20	−17 11.3	2.493	3.372	10.0	21.9
6 10	18 55.20	−17 14.3	2.420	3.370	7.2	21.7
6 20	18 47.77	−17 21.6	2.373	3.368	4.1	21.5
6 30	18 39.53	−17 32.6	2.353	3.366	1.7	21.3
7 10	18 31.20	−17 46.3	2.362	3.364	3.5	21.4
7 20	18 23.52	−18 1.9	2.399	3.361	6.6	21.6
7 30	18 17.15	−18 18.7	2.462	3.357	9.6	21.8
8 9	18 12.59	−18 36.0	2.547	3.353	12.1	22.0

229479 2005 UJ_{302} 6 30.6 268°.08 2°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.16	−17 25.5	1.700	2.592	13.2	20.7
6 10	18 57.22	−17 33.4	1.624	2.580	9.5	20.4
6 20	18 49.10	−17 48.2	1.570	2.569	5.4	20.2
6 30	18 39.62	−18 8.6	1.542	2.556	2.0	19.9
7 10	18 29.88	−18 32.8	1.541	2.544	4.7	20.1
7 20	18 21.01	−18 59.1	1.565	2.532	9.0	20.3
7 30	18 14.05	−19 26.3	1.613	2.520	13.0	20.5
8 9	18 9.70	−19 53.3	1.681	2.507	16.4	20.7

87293 2000 PK_{20} 6 30.6 337°.78 2°.6/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.51	−27 15.6	1.337	2.248	14.8	18.9
6 10	18 57.29	−27 49.3	1.272	2.239	10.6	18.6
6 20	18 49.32	−28 21.8	1.228	2.230	6.0	18.4
6 30	18 39.64	−28 48.3	1.208	2.222	2.6	18.1
7 10	18 29.71	−29 5.4	1.212	2.215	5.8	18.3
7 20	18 21.02	−29 11.8	1.239	2.208	10.6	18.6
7 30	18 14.87	−29 8.9	1.288	2.203	15.0	18.8
8 9	18 12.03	−28 59.2	1.355	2.198	18.8	19.0

428213 2006 VQ_{20} 6 30.6 208°.27 0°.9/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.15	−24 37.8	1.925	2.814	12.0	22.7
6 10	18 59.14	−24 56.2	1.851	2.808	8.5	22.5
6 20	18 50.04	−25 14.4	1.802	2.803	4.6	22.2
6 30	18 39.68	−25 29.9	1.780	2.796	0.9	21.9
7 10	18 29.15	−25 40.6	1.786	2.789	4.2	22.2
7 20	18 19.55	−25 45.9	1.819	2.782	8.3	22.4
7 30	18 11.85	−25 46.5	1.876	2.773	11.9	22.6
8 9	18 6.69	−25 43.8	1.954	2.765	15.1	22.8

315786 2008 FM_{123} 6 30.6 305°.20 4°.3/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.82	−34 4.4	2.159	3.044	11.1	20.4
6 10	18 56.83	−34 49.4	2.087	3.035	8.3	20.2
6 20	18 48.83	−35 28.5	2.039	3.026	5.6	20.0
6 30	18 39.62	−35 57.4	2.018	3.018	4.3	19.9
7 10	18 30.21	−36 13.5	2.023	3.009	5.8	20.0
7 20	18 21.65	−36 16.3	2.055	3.001	8.6	20.1
7 30	18 14.87	−36 7.2	2.111	2.992	11.5	20.3
8 9	18 10.52	−35 49.2	2.187	2.984	14.1	20.5

287242 2002 TJ_{56} 6 30.6 304°.91 2°.2/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.02	−27 35.4	1.716	2.615	12.7	20.8
6 10	18 57.36	−27 58.5	1.630	2.591	9.1	20.5
6 20	18 49.30	−28 19.9	1.567	2.567	5.2	20.3
6 30	18 39.66	−28 36.0	1.530	2.543	2.2	20.0
7 10	18 29.63	−28 44.3	1.518	2.520	5.1	20.1
7 20	18 20.47	−28 43.8	1.532	2.497	9.4	20.3
7 30	18 13.34	−28 35.6	1.569	2.473	13.4	20.5
8 9	18 9.03	−28 22.1	1.625	2.451	17.0	20.7

185074 2006 RE_{60} 6 30.6 269°.27 0°.7/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.78	−24 6.0	1.619	2.516	13.5	20.8
6 10	18 59.33	−24 19.5	1.536	2.497	9.6	20.6
6 20	18 50.36	−24 33.8	1.476	2.477	5.2	20.2
6 30	18 39.73	−24 46.0	1.441	2.458	0.7	19.9
7 10	18 28.70	−24 53.8	1.433	2.438	4.8	20.1
7 20	18 18.62	−24 56.5	1.450	2.417	9.6	20.4
7 30	18 10.70	−24 54.7	1.490	2.396	13.9	20.6
8 9	18 5.75	−24 50.2	1.550	2.375	17.7	20.8

338873 2004 BT_{12} 6 30.6 110°.19 0°.3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.33	−20 43.8	2.028	2.918	11.5	20.9
6 10	18 56.26	−21 9.2	1.966	2.924	8.1	20.7
6 20	18 48.43	−21 37.9	1.929	2.929	4.3	20.4
6 30	18 39.61	−22 7.9	1.919	2.935	0.4	20.1
7 10	18 30.72	−22 36.8	1.936	2.941	3.7	20.4
7 20	18 22.69	−23 3.1	1.981	2.947	7.5	20.7
7 30	18 16.33	−23 26.4	2.050	2.952	10.9	20.9
8 9	18 12.19	−23 46.5	2.141	2.957	13.7	21.1

282374 2003 QW_{21} 6 30.6 305°.64 7°.6/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.18	− 5 11.5	1.640	2.507	14.9	20.1
6 10	18 55.14	− 4 38.0	1.561	2.488	12.0	19.9
6 20	18 48.04	− 4 20.8	1.502	2.470	9.2	19.7
6 30	18 39.59	− 4 22.8	1.467	2.452	7.7	19.5
7 10	18 30.85	− 4 44.6	1.457	2.434	8.5	19.5
7 20	18 22.87	− 5 24.6	1.470	2.416	11.3	19.6
7 30	18 16.66	− 6 19.6	1.505	2.399	14.6	19.8
8 9	18 12.95	− 7 24.5	1.560	2.382	17.7	20.0

17720 Manuboccuni 6 30.6 156°.19 2°.4/30.1 18

5 31	19 8.28	−27 19.0	1.642	2.536	13.5	19.0
6 10	19 0.88	−28 1.5	1.583	2.542	9.6	18.8
6 20	18 51.04	−28 42.0	1.548	2.547	5.4	18.5
6 30	18 39.76	−29 15.8	1.539	2.552	2.4	18.3
7 10	18 28.40	−29 39.7	1.556	2.556	5.3	18.5
7 20	18 18.27	−29 52.6	1.599	2.560	9.4	18.8
7 30	18 10.46	−29 56.0	1.666	2.563	13.2	19.0
8 9	18 5.65	−29 52.5	1.753	2.566	16.4	19.2

350969 Boiohaemum 6 30.6 114°.21 0°.2/30.6 17

5 31	19 2.43	−23 24.7	2.403	3.288	10.1	21.4
6 10	18 56.04	−23 31.8	2.347	3.303	7.0	21.3
6 20	18 48.20	−23 39.1	2.316	3.316	3.7	21.1
6 30	18 39.60	−23 45.1	2.313	3.330	0.3	20.8
7 10	18 31.04	−23 48.9	2.339	3.343	3.3	21.1
7 20	18 23.30	−23 50.2	2.393	3.356	6.6	21.3
7 30	18 17.04	−23 49.3	2.472	3.369	9.5	21.5
8 9	18 12.71	−23 47.0	2.574	3.381	12.0	21.7

291529 2006 ET_{15} 6 30.6 214°.31 1°.9/30.3 17

5 31	19 5.11	−27 51.9	2.130	3.017	11.1	21.6
6 10	18 58.31	−28 15.5	2.056	3.011	7.9	21.4
6 20	18 49.58	−28 36.6	2.006	3.004	4.5	21.2
6 30	18 39.68	−28 52.3	1.984	2.997	1.9	21.0
7 10	18 29.64	−29 0.7	1.990	2.990	4.3	21.2
7 20	18 20.44	−29 1.4	2.023	2.981	7.9	21.4
7 30	18 13.00	−28 55.3	2.081	2.973	11.2	21.5
8 9	18 7.92	−28 44.6	2.160	2.964	14.0	21.7

21732 Rumery 6 30.6 201°.20 2°.5/30.2 18

5 31	19 5.23	−29 29.7	2.096	2.983	11.3	19.1
6 10	18 58.40	−29 52.1	2.026	2.980	8.1	18.9
6 20	18 49.61	−30 10.6	1.981	2.977	4.7	18.7
6 30	18 39.68	−30 22.1	1.962	2.974	2.5	18.5
7 10	18 29.66	−30 24.9	1.972	2.970	4.6	18.6
7 20	18 20.55	−30 18.8	2.008	2.966	8.0	18.8
7 30	18 13.27	−30 5.4	2.070	2.961	11.3	19.0
8 9	18 8.40	−29 47.1	2.152	2.956	14.1	19.2

98289 2000 SP_{226} 6 30.6 159°.09 8°.8/27.7 18

5 31	19 15.18	−42 47.4	1.839	2.698	13.9	19.1
6 10	19 6.28	−44 39.7	1.788	2.705	11.3	18.9
6 20	18 54.17	−46 17.8	1.760	2.712	9.4	18.8
6 30	18 39.96	−47 32.4	1.759	2.717	8.9	18.8
7 10	18 25.34	−48 17.7	1.783	2.722	10.1	18.9
7 20	18 12.08	−48 33.6	1.832	2.727	12.4	19.0
7 30	18 1.68	−48 24.7	1.902	2.730	14.8	19.2
8 9	17 55.02	−47 58.2	1.991	2.733	17.0	19.4

291192 2006 AH_{62} 6 30.6 268°.50 1°.6/30.9 18

5 31	19 0.16	−17 27.0	2.507	3.388	9.9	21.9
6 10	18 54.60	−17 28.4	2.418	3.369	7.1	21.7
6 20	18 47.54	−17 34.2	2.354	3.350	4.1	21.5
6 30	18 39.57	−17 43.7	2.318	3.331	1.7	21.3
7 10	18 31.40	−17 56.1	2.310	3.312	3.6	21.4
7 20	18 23.78	−18 10.4	2.330	3.292	6.7	21.5
7 30	18 17.41	−18 26.2	2.375	3.272	9.8	21.7
8 9	18 12.82	−18 42.8	2.443	3.252	12.4	21.8

483110 2015 MN_{118} 6 30.6 325°.00 1°.9/ 1.2 18

5 31	19 0.39	−15 32.0	2.034	2.919	11.7	20.2
6 10	18 54.97	−16 6.6	1.961	2.914	8.4	20.0
6 20	18 47.81	−16 49.7	1.912	2.909	4.9	19.7
6 30	18 39.59	−17 39.4	1.891	2.904	1.9	19.5
7 10	18 31.19	−18 33.0	1.896	2.900	4.0	19.7
7 20	18 23.51	−19 27.7	1.929	2.895	7.6	19.9
7 30	18 17.36	−20 21.2	1.987	2.891	11.0	20.1
8 9	18 13.33	−21 11.8	2.067	2.887	14.0	20.3

289413 2005 CL_{74} 6 30.6 136°.33 4°.0/ 1.6 18

5 31	19 1.84	−10 59.8	2.074	2.945	12.1	20.6
6 10	18 55.80	−10 58.9	2.012	2.952	9.0	20.4
6 20	18 48.16	−11 8.1	1.974	2.959	6.0	20.2
6 30	18 39.62	−11 27.3	1.963	2.965	4.0	20.1
7 10	18 31.04	−11 55.1	1.978	2.971	5.1	20.2
7 20	18 23.26	−12 29.8	2.021	2.977	8.0	20.4
7 30	18 17.02	−13 9.2	2.088	2.983	11.0	20.6
8 9	18 12.84	−13 51.1	2.177	2.988	13.7	20.8

469319 1999 TR_{254} 6 30.6 292°.38 7°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.12	− 4 18.3	1.862	2.715	14.0	21.5
6 10	18 56.52	− 3 55.4	1.760	2.680	11.4	21.3
6 20	18 48.82	− 3 48.1	1.680	2.643	8.8	21.0
6 30	18 39.67	− 3 59.3	1.625	2.607	7.4	20.9
7 10	18 29.99	− 4 29.7	1.595	2.570	8.2	20.8
7 20	18 20.81	− 5 18.0	1.590	2.532	10.9	20.9
7 30	18 13.16	− 6 21.1	1.609	2.494	14.3	21.0
8 9	18 7.84	− 7 34.5	1.648	2.456	17.5	21.2

422719 2001 AU_1 6 30.6 282°.37 0°.1/30.6 18

5 31	19 8.95	−23 53.8	1.610	2.502	13.8	21.2
6 10	19 1.81	−23 37.8	1.507	2.466	10.0	20.9
6 20	18 51.83	−23 19.8	1.428	2.429	5.4	20.5
6 30	18 39.86	−22 57.9	1.374	2.391	0.3	20.1
7 10	18 27.19	−22 31.2	1.347	2.352	5.0	20.3
7 20	18 15.31	−22 0.7	1.346	2.312	10.3	20.5
7 30	18 5.62	−21 28.8	1.369	2.271	15.1	20.7
8 9	17 59.10	−20 58.3	1.411	2.230	19.4	20.9

481314 2006 AG_{17} 6 30.6 243°.77 0°.4/30.6 17

5 31	19 1.62	−24 52.2	2.649	3.534	9.3	22.5
6 10	18 55.53	−24 46.6	2.567	3.522	6.6	22.3
6 20	18 47.99	−24 39.8	2.510	3.510	3.5	22.1
6 30	18 39.62	−24 30.7	2.482	3.498	0.4	21.8
7 10	18 31.14	−24 18.9	2.482	3.486	3.2	22.0
7 20	18 23.31	−24 4.4	2.511	3.473	6.3	22.2
7 30	18 16.79	−23 48.2	2.565	3.460	9.2	22.4
8 9	18 12.07	−23 31.3	2.643	3.447	11.8	22.5

253654 2003 UY_{149} 6 30.6 324°.77 0°.8/30.8 18

5 31	19 1.04	−19 56.0	1.117	2.035	16.5	20.0
6 10	18 56.65	−20 19.4	1.046	2.016	11.9	19.6
6 20	18 49.21	−20 51.7	0.995	1.998	6.5	19.3
6 30	18 39.71	−21 29.9	0.965	1.981	0.9	18.9
7 10	18 29.69	−22 9.9	0.958	1.965	5.7	19.1
7 20	18 20.85	−22 48.4	0.973	1.950	11.6	19.4
7 30	18 14.72	−23 23.2	1.007	1.936	16.9	19.6
8 9	18 12.27	−23 53.6	1.059	1.923	21.4	19.9

81279 2000 FU_{56} 6 30.6 175°.00 3°.8/29.9 18

5 31	19 7.36	−31 14.4	1.775	2.665	12.8	20.1
6 10	19 0.22	−31 58.0	1.713	2.667	9.3	19.9
6 20	18 50.71	−32 36.3	1.674	2.668	5.8	19.7
6 30	18 39.79	−33 4.6	1.662	2.669	3.8	19.6
7 10	18 28.75	−33 19.7	1.676	2.669	5.8	19.7
7 20	18 18.86	−33 21.3	1.716	2.670	9.4	19.9
7 30	18 11.19	−33 11.5	1.779	2.669	12.9	20.1
8 9	18 6.43	−32 53.9	1.863	2.669	15.9	20.3

442585 2012 BH_{103} 6 30.6 242°.19 3°.6/ 1.8 18

5 31	18 59.55	− 9 54.2	2.460	3.325	10.6	20.9
6 10	18 54.12	−10 8.7	2.383	3.319	8.1	20.8
6 20	18 47.28	−10 33.3	2.331	3.312	5.4	20.6
6 30	18 39.59	−11 7.5	2.305	3.306	3.7	20.5
7 10	18 31.77	−11 50.0	2.307	3.299	4.6	20.5
7 20	18 24.52	−12 38.6	2.337	3.293	7.1	20.7
7 30	18 18.50	−13 31.1	2.393	3.286	9.9	20.8
8 9	18 14.21	−14 25.3	2.472	3.279	12.4	21.0

509502 2007 UK_{106} 6 30.6 321°.54 2°.6/30.2 18

5 31	19 2.99	−28 39.1	1.719	2.617	12.7	21.0
6 10	18 57.20	−29 7.6	1.649	2.609	9.1	20.8
6 20	18 49.14	−29 33.2	1.602	2.601	5.3	20.5
6 30	18 39.70	−29 52.3	1.580	2.593	2.6	20.3
7 10	18 30.07	−30 2.2	1.585	2.585	5.2	20.5
7 20	18 21.46	−30 2.3	1.615	2.578	9.1	20.7
7 30	18 14.92	−29 54.1	1.668	2.571	12.9	20.9
8 9	18 11.14	−29 40.0	1.741	2.564	16.1	21.1

338805 2003 VA_9 6 30.6 0°.45 6°.1/29.1 17

5 31	19 5.99	−36 15.3	1.753	2.640	13.1	20.0
6 10	18 59.46	−37 24.4	1.694	2.640	10.0	19.8
6 20	18 50.40	−38 24.8	1.658	2.640	7.2	19.6
6 30	18 39.78	−39 10.1	1.647	2.640	6.1	19.6
7 10	18 28.96	−39 36.2	1.662	2.640	7.7	19.7
7 20	18 19.30	−39 42.7	1.702	2.640	10.6	19.8
7 30	18 12.00	−39 32.3	1.764	2.640	13.6	20.0
8 9	18 7.76	−39 9.5	1.845	2.641	16.3	20.2

254284 2004 RD_{217} 6 30.6 309°.92 9°.6/ 1.2 17

5 31	18 59.15	+ 4 15.5	2.285	3.092	13.3	20.1
6 10	18 53.86	+ 5 29.2	2.220	3.087	11.6	20.0
6 20	18 47.15	+ 6 25.9	2.176	3.082	10.2	19.9
6 30	18 39.59	+ 7 2.0	2.156	3.078	9.6	19.8
7 10	18 31.95	+ 7 15.9	2.161	3.073	10.0	19.9
7 20	18 24.94	+ 7 8.0	2.188	3.069	11.2	19.9
7 30	18 19.23	+ 6 40.7	2.238	3.065	12.9	20.0
8 9	18 15.32	+ 5 57.9	2.307	3.061	14.7	20.2

211004 2001 XH_{171} 6 30.6 238°.18 0°.9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.17	−19 31.8	2.400	3.284	10.1	21.2
6 10	18 55.34	−19 41.0	2.321	3.275	7.2	21.0
6 20	18 47.96	−19 53.5	2.267	3.265	4.0	20.8
6 30	18 39.65	−20 8.2	2.240	3.255	1.0	20.6
7 10	18 31.19	−20 23.7	2.241	3.245	3.4	20.7
7 20	18 23.37	−20 39.3	2.271	3.235	6.8	20.9
7 30	18 16.90	−20 54.3	2.326	3.224	9.9	21.1
8 9	18 12.34	−21 8.7	2.403	3.213	12.6	21.3

168331 1993 TA_{8} 6 30.6 313°.51 4°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.25	−32 45.8	1.709	2.603	13.0	20.5
6 10	18 58.21	−33 17.2	1.637	2.592	9.6	20.3
6 20	18 49.73	−33 41.9	1.588	2.581	6.1	20.0
6 30	18 39.76	−33 55.4	1.564	2.570	4.2	19.9
7 10	18 29.58	−33 55.1	1.566	2.559	6.2	20.0
7 20	18 20.48	−33 40.9	1.592	2.549	9.8	20.2
7 30	18 13.61	−33 15.4	1.642	2.539	13.4	20.4
8 9	18 9.67	−32 42.5	1.711	2.529	16.6	20.6

167258 2003 UH_{120} 6 30.6 2°.97 3°.3/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.91	−29 55.5	1.619	2.518	13.3	19.7
6 10	18 57.90	−30 30.0	1.558	2.518	9.6	19.5
6 20	18 49.52	−31 0.2	1.520	2.518	5.7	19.3
6 30	18 39.74	−31 21.7	1.508	2.518	3.3	19.1
7 10	18 29.87	−31 31.9	1.521	2.519	5.7	19.3
7 20	18 21.17	−31 30.3	1.558	2.520	9.5	19.5
7 30	18 14.73	−31 19.0	1.619	2.521	13.2	19.7
8 9	18 11.19	−31 0.9	1.699	2.523	16.4	19.9

35958 1999 LF_{4} 6 30.6 26°.60 5°.0/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.33	−14 9.8	1.186	2.089	16.8	16.9
6 10	18 57.67	−13 29.9	1.135	2.094	12.5	16.6
6 20	18 49.43	−13 1.0	1.104	2.099	7.9	16.4
6 30	18 39.74	−12 44.7	1.096	2.104	5.0	16.2
7 10	18 30.08	−12 41.4	1.111	2.110	7.1	16.4
7 20	18 21.83	−12 50.1	1.149	2.117	11.4	16.6
7 30	18 16.13	−13 8.6	1.208	2.124	15.7	16.9
8 9	18 13.59	−13 34.0	1.284	2.132	19.3	17.2

321056 2008 RX_{116} 6 30.6 292°.70 1°.3/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.42	−25 25.4	1.716	2.614	12.7	20.6
6 10	18 57.53	−25 47.6	1.639	2.601	9.1	20.4
6 20	18 49.36	−26 9.9	1.586	2.587	4.9	20.1
6 30	18 39.75	−26 29.0	1.558	2.574	1.3	19.8
7 10	18 29.87	−26 42.5	1.556	2.560	4.6	20.0
7 20	18 20.92	−26 49.6	1.580	2.547	9.0	20.2
7 30	18 13.99	−26 50.7	1.628	2.534	13.0	20.4
8 9	18 9.79	−26 47.5	1.695	2.520	16.4	20.6

288955 2004 TO_{6} 6 30.6 300°.58 2°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.55	−13 11.0	1.589	2.476	14.2	19.7
6 10	18 57.05	−13 57.7	1.506	2.459	10.5	19.4
6 20	18 49.20	−14 59.7	1.446	2.441	6.3	19.1
6 30	18 39.75	−16 14.6	1.411	2.423	2.9	18.9
7 10	18 29.83	−17 37.9	1.402	2.405	5.1	19.0
7 20	18 20.67	−19 4.5	1.419	2.388	9.6	19.2
7 30	18 13.43	−20 29.8	1.460	2.371	13.8	19.4
8 9	18 8.96	−21 50.3	1.522	2.354	17.6	19.6

136731 1995 US_{59} 6 30.6 358°.54 0°.6/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.50	−21 52.3	1.046	1.969	16.9	19.8
6 10	18 56.14	−21 51.7	0.992	1.965	12.0	19.5
6 20	18 48.81	−21 54.9	0.957	1.962	6.4	19.2
6 30	18 39.72	−21 59.9	0.944	1.960	0.7	18.8
7 10	18 30.51	−22 4.9	0.953	1.960	5.6	19.1
7 20	18 22.81	−22 9.0	0.983	1.962	11.3	19.4
7 30	18 17.94	−22 12.1	1.033	1.964	16.3	19.7
8 9	18 16.62	−22 14.7	1.100	1.968	20.5	20.0

322614 1994 SY_{1} 6 30.6 6°.65 1°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.26	−23 52.0	1.101	2.021	16.4	19.9
6 10	18 56.60	−24 17.8	1.050	2.021	11.6	19.6
6 20	18 49.03	−24 46.0	1.018	2.022	6.2	19.3
6 30	18 39.74	−25 12.5	1.009	2.025	1.1	19.0
7 10	18 30.37	−25 33.7	1.022	2.029	5.6	19.3
7 20	18 22.51	−25 48.1	1.057	2.034	11.0	19.7
7 30	18 17.45	−25 56.0	1.113	2.040	15.8	19.9
8 9	18 15.88	−25 58.8	1.186	2.047	19.8	20.2

13333 Carsenty 6 30.6 51°.33 4°.4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.04	−12 30.8	1.401	2.293	15.5	18.0
6 10	18 57.21	−12 27.1	1.348	2.300	11.5	17.8
6 20	18 49.12	−12 36.4	1.316	2.308	7.3	17.5
6 30	18 39.75	−12 58.1	1.308	2.316	4.5	17.4
7 10	18 30.36	−13 30.5	1.325	2.324	6.2	17.5
7 20	18 22.17	−14 10.7	1.366	2.332	10.1	17.8
7 30	18 16.19	−14 55.5	1.429	2.341	14.0	18.0
8 9	18 13.03	−15 42.2	1.512	2.349	17.4	18.3

342258 2008 SN_{300} 6 30.6 357°.03 8°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 8.21	−41 7.0	1.540	2.422	14.9	19.9
6 10	19 1.32	−41 50.4	1.483	2.420	11.9	19.7
6 20	18 51.46	−42 18.2	1.448	2.419	9.1	19.5
6 30	18 39.89	−42 23.7	1.435	2.418	8.0	19.5
7 10	18 28.30	−42 4.2	1.447	2.418	9.2	19.5
7 20	18 18.32	−41 21.6	1.482	2.418	12.0	19.7
7 30	18 11.22	−40 21.6	1.538	2.419	15.1	19.9
8 9	18 7.67	−39 11.5	1.613	2.419	17.9	20.1

354829 2005 XV_{15} 6 30.6 38°.77 0°.6/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.72	−21 12.1	2.138	3.029	10.9	21.0
6 10	18 55.08	−21 13.3	2.075	3.033	7.7	20.8
6 20	18 47.82	−21 16.5	2.036	3.036	4.1	20.6
6 30	18 39.68	−21 20.7	2.024	3.041	0.7	20.4
7 10	18 31.51	−21 24.8	2.040	3.045	3.6	20.6
7 20	18 24.16	−21 28.5	2.083	3.049	7.1	20.8
7 30	18 18.36	−21 31.7	2.150	3.054	10.4	21.0
8 9	18 14.62	−21 34.5	2.240	3.058	13.1	21.2

72637 2001 FA_{36} 6 30.6 193°.90 4°.8/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.79	−35 40.3	1.990	2.871	12.1	19.4
6 10	18 59.69	−36 11.8	1.926	2.870	9.1	19.2
6 20	18 50.40	−36 34.3	1.885	2.869	6.2	19.0
6 30	18 39.84	−36 43.7	1.870	2.868	4.8	19.0
7 10	18 29.21	−36 37.9	1.882	2.867	6.2	19.0
7 20	18 19.70	−36 17.6	1.920	2.865	9.1	19.2
7 30	18 12.28	−35 45.7	1.982	2.864	12.1	19.4
8 9	18 7.59	−35 6.3	2.065	2.862	14.8	19.6

386117 2007 RX_{178} 6 30.6 41°.95 0°.1/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.60	−22 4.7	1.799	2.694	12.4	20.8
6 10	18 56.69	−22 30.1	1.737	2.697	8.7	20.5
6 20	18 48.80	−22 58.3	1.698	2.700	4.6	20.3
6 30	18 39.75	−23 26.6	1.686	2.703	0.3	20.0
7 10	18 30.61	−23 52.6	1.701	2.706	4.1	20.3
7 20	18 22.43	−24 14.9	1.742	2.709	8.2	20.5
7 30	18 16.13	−24 33.1	1.807	2.713	11.9	20.8
8 9	18 12.30	−24 47.6	1.892	2.716	15.0	21.0

362008 2008 VZ_{55} 6 30.6 0°.38 2°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.30	−28 3.3	1.195	2.105	16.2	20.6
6 10	19 0.85	−28 23.8	1.139	2.104	11.6	20.3
6 20	18 51.30	−28 40.5	1.103	2.104	6.6	20.0
6 30	18 39.90	−28 48.5	1.090	2.104	2.7	19.8
7 10	18 28.42	−28 45.1	1.101	2.104	6.2	20.0
7 20	18 18.56	−28 30.9	1.134	2.104	11.3	20.3
7 30	18 11.68	−28 8.9	1.189	2.105	15.9	20.6
8 9	18 8.49	−27 42.9	1.262	2.105	19.9	20.8

184230 2004 RD_{136} 6 30.6 350°.34 6°.9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.72	− 7 14.9	1.868	2.736	13.3	19.1
6 10	18 54.50	− 6 7.6	1.802	2.732	10.6	18.9
6 20	18 47.57	− 5 11.8	1.760	2.728	8.1	18.8
6 30	18 39.68	− 4 30.7	1.742	2.725	6.9	18.7
7 10	18 31.72	− 4 6.1	1.750	2.722	7.8	18.7
7 20	18 24.57	− 3 58.0	1.782	2.720	10.2	18.9
7 30	18 19.03	− 4 5.0	1.837	2.718	12.9	19.1
8 9	18 15.63	− 4 24.2	1.911	2.717	15.5	19.2

348217 2004 RQ_{100} 6 30.6 254°.22 6°.0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.93	−38 28.2	1.801	2.679	13.3	20.6
6 10	19 1.48	−38 54.4	1.732	2.672	10.2	20.4
6 20	18 51.45	−39 8.3	1.685	2.664	7.4	20.2
6 30	18 39.91	−39 4.8	1.664	2.656	6.0	20.1
7 10	18 28.28	−38 41.7	1.668	2.648	7.4	20.2
7 20	18 17.95	−38 0.6	1.698	2.640	10.3	20.3
7 30	18 10.08	−37 5.8	1.751	2.632	13.5	20.5
8 9	18 5.34	−36 3.3	1.824	2.624	16.4	20.7

345875 2007 QQ_{16} 6 30.6 335°.86 12°.5/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.67	+11 11.7	1.797	2.577	17.3	20.0
6 10	18 55.28	+11 28.0	1.732	2.573	15.5	19.9
6 20	18 48.05	+11 15.0	1.685	2.570	13.8	19.8
6 30	18 39.72	+10 29.1	1.658	2.567	12.7	19.7
7 10	18 31.26	+ 9 10.7	1.653	2.564	12.6	19.7
7 20	18 23.61	+ 7 23.8	1.672	2.561	13.6	19.7
7 30	18 17.65	+ 5 15.3	1.712	2.559	15.4	19.9
8 9	18 13.96	+ 2 53.8	1.773	2.557	17.4	20.0

262554 2006 VR_{22} 6 30.6 64°.58 0°.8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.68	−23 51.1	1.403	2.307	14.7	20.6
6 10	18 59.13	−24 15.6	1.357	2.321	10.3	20.4
6 20	18 50.15	−24 40.9	1.333	2.335	5.5	20.1
6 30	18 39.85	−25 3.7	1.333	2.349	0.9	19.8
7 10	18 29.65	−25 21.3	1.358	2.364	4.9	20.1
7 20	18 20.85	−25 32.7	1.409	2.378	9.6	20.5
7 30	18 14.52	−25 38.7	1.482	2.393	13.7	20.7
8 9	18 11.22	−25 40.9	1.574	2.407	17.0	21.0

414037 2007 RK_{64} 6 30.6 207°.34 3°.7/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 9.43	−31 14.0	1.588	2.480	14.0	21.5
6 10	19 1.94	−31 41.6	1.521	2.476	10.2	21.2
6 20	18 51.76	−32 2.7	1.477	2.472	6.2	21.0
6 30	18 39.96	−32 12.6	1.459	2.468	3.7	20.8
7 10	18 28.01	−32 8.6	1.466	2.463	6.1	21.0
7 20	18 17.37	−31 51.2	1.499	2.457	10.1	21.2
7 30	18 9.25	−31 23.7	1.555	2.452	14.0	21.4
8 9	18 4.37	−30 50.3	1.631	2.445	17.4	21.6

262088 2006 RW_{76} 6 30.6 205°.65 0°.6/30.8 17

5 31	19 5.77	−20 43.9	1.878	2.766	12.3	22.0
6 10	18 58.92	−20 54.0	1.805	2.761	8.8	21.8
6 20	18 50.01	−21 7.2	1.756	2.756	4.7	21.5
6 30	18 39.86	−21 21.6	1.734	2.751	0.7	21.2
7 10	18 29.54	−21 35.5	1.740	2.744	4.1	21.5
7 20	18 20.14	−21 47.9	1.773	2.738	8.3	21.7
7 30	18 12.59	−21 58.7	1.830	2.730	12.0	21.9
8 9	18 7.55	−22 8.2	1.908	2.722	15.2	22.1

173162 1996 XP_{9} 6 30.6 188°.52 2°.5/30.3 17

5 31	19 8.64	−29 20.3	1.927	2.813	12.2	21.9
6 10	19 0.96	−29 42.5	1.859	2.812	8.8	21.7
6 20	18 51.09	−30 0.3	1.814	2.811	5.1	21.5
6 30	18 39.92	−30 10.3	1.797	2.809	2.5	21.3
7 10	18 28.66	−30 10.4	1.808	2.806	4.9	21.4
7 20	18 18.47	−30 0.8	1.845	2.803	8.6	21.7
7 30	18 10.34	−29 43.5	1.908	2.799	12.1	21.9
8 9	18 4.91	−29 21.5	1.991	2.794	15.1	22.1

37179 2000 WW_{45} 6 30.6 335°.18 2°.3/ 1.1 18

5 31	19 2.10	−16 56.2	1.585	2.481	13.8	18.9
6 10	18 56.54	−16 59.8	1.519	2.477	9.9	18.6
6 20	18 48.81	−17 11.0	1.476	2.474	5.7	18.4
6 30	18 39.79	−17 28.6	1.457	2.471	2.4	18.1
7 10	18 30.62	−17 51.0	1.464	2.468	4.9	18.3
7 20	18 22.45	−18 16.4	1.496	2.465	9.1	18.5
7 30	18 16.27	−18 43.4	1.551	2.462	13.1	18.8
8 9	18 12.75	−19 10.7	1.626	2.460	16.6	19.0

28098 1998 RJ_{64} 6 30.6 330°.92 2°.0/30.9 18

5 31	18 59.77	−18 39.4	1.128	2.045	16.4	17.9
6 10	18 55.70	−18 42.9	1.057	2.026	11.9	17.6
6 20	18 48.73	−18 55.1	1.005	2.008	6.7	17.2
6 30	18 39.80	−19 14.6	0.975	1.990	2.0	16.9
7 10	18 30.43	−19 39.1	0.967	1.974	5.8	17.1
7 20	18 22.20	−20 6.4	0.981	1.959	11.4	17.3
7 30	18 16.59	−20 34.5	1.015	1.945	16.6	17.6
8 9	18 14.49	−21 2.0	1.065	1.933	21.1	17.8

146756 2001 XP_{159} 6 30.6 124°.11 1°.4/30.8 18

5 31	19 1.79	−19 21.0	2.328	3.212	10.4	19.8
6 10	18 55.68	−19 5.7	2.266	3.219	7.4	19.7
6 20	18 48.11	−18 52.8	2.228	3.226	4.1	19.5
6 30	18 39.75	−18 42.2	2.218	3.233	1.4	19.3
7 10	18 31.42	−18 33.5	2.236	3.239	3.6	19.4
7 20	18 23.86	−18 26.8	2.282	3.245	6.8	19.7
7 30	18 17.76	−18 22.1	2.354	3.252	9.8	19.9
8 9	18 13.57	−18 19.4	2.448	3.258	12.4	20.0

433395 2013 TK_{11} 6 30.6 247°.25 7°.2/ 2.4 18

5 31	19 2.20	− 3 20.2	1.854	2.704	14.2	20.7
6 10	18 56.39	− 3 9.2	1.778	2.694	11.5	20.5
6 20	18 48.68	− 3 15.8	1.723	2.683	8.9	20.3
6 30	18 39.80	− 3 41.5	1.693	2.673	7.3	20.2
7 10	18 30.68	− 4 25.7	1.688	2.662	7.9	20.2
7 20	18 22.30	− 5 25.8	1.709	2.650	10.3	20.3
7 30	18 15.56	− 6 37.7	1.753	2.639	13.2	20.5
8 9	18 11.09	− 7 56.5	1.818	2.627	16.1	20.7

279500 2011 AS_{42} 6 30.6 84°.79 0°.2/30.6 18

5 31	18 59.58	−22 7.9	2.625	3.511	9.3	20.4
6 10	18 54.15	−22 38.1	2.556	3.512	6.5	20.3
6 20	18 47.33	−23 10.3	2.512	3.512	3.5	20.1
6 30	18 39.71	−23 42.6	2.496	3.513	0.3	19.8
7 10	18 32.00	−24 13.1	2.510	3.514	3.1	20.0
7 20	18 24.89	−24 40.6	2.551	3.514	6.2	20.2
7 30	18 19.03	−25 4.5	2.618	3.515	9.0	20.4
8 9	18 14.90	−25 24.9	2.708	3.516	11.4	20.6

320538 2007 YY_{70} 6 30.6 204°.35 4°.4/30.0 17

5 31	19 8.98	−32 29.2	1.594	2.485	13.9	20.8
6 10	19 1.65	−33 6.9	1.529	2.483	10.3	20.6
6 20	18 51.63	−33 37.4	1.488	2.480	6.5	20.3
6 30	18 39.98	−33 55.4	1.471	2.477	4.4	20.2
7 10	18 28.18	−33 57.9	1.481	2.474	6.5	20.3
7 20	18 17.70	−33 45.0	1.515	2.470	10.3	20.5
7 30	18 9.74	−33 20.0	1.573	2.466	14.1	20.7
8 9	18 5.04	−32 47.5	1.649	2.462	17.3	21.0

292899 2006 VQ_{41} 6 30.6 238°.53 0°.5/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 5.60	−21 15.7	1.813	2.703	12.6	22.2
6 10	18 58.94	−21 22.6	1.733	2.691	9.0	21.9
6 20	18 50.10	−21 32.2	1.678	2.678	4.8	21.7
6 30	18 39.89	−21 42.7	1.648	2.665	0.6	21.3
7 10	18 29.43	−21 52.3	1.646	2.651	4.3	21.6
7 20	18 19.84	−22 0.3	1.671	2.637	8.6	21.8
7 30	18 12.16	−22 6.8	1.720	2.622	12.6	22.0
8 9	18 7.09	−22 12.3	1.789	2.607	16.0	22.2

127151 2002 GX_{126} 6 30.6 323°.10 2°.9/30.9 17

5 31	19 1.78	−18 13.0	1.139	2.053	16.5	19.1
6 10	18 57.07	−17 48.6	1.069	2.035	12.1	18.8
6 20	18 49.42	−17 30.5	1.018	2.019	7.0	18.5
6 30	18 39.86	−17 19.2	0.989	2.003	3.0	18.2
7 10	18 29.91	−17 14.6	0.982	1.988	6.3	18.3
7 20	18 21.17	−17 16.2	0.998	1.973	11.7	18.6
7 30	18 15.08	−17 23.7	1.034	1.960	16.8	18.8
8 9	18 12.49	−17 35.9	1.086	1.948	21.2	19.1

365900 2011 WM_{52} 6 30.6 66°.11 3°.0/30.2 17

5 31	19 7.44	−27 19.1	1.245	2.153	15.9	20.4
6 10	19 0.76	−28 7.5	1.199	2.164	11.3	20.2
6 20	18 51.18	−28 53.7	1.174	2.175	6.4	19.9
6 30	18 39.95	−29 31.7	1.173	2.186	3.0	19.7
7 10	18 28.76	−29 57.3	1.196	2.197	6.2	20.0
7 20	18 19.19	−30 9.7	1.243	2.209	10.9	20.3
7 30	18 12.49	−30 10.9	1.311	2.221	15.2	20.6
8 9	18 9.30	−30 4.4	1.397	2.232	18.7	20.8

253703 2003 UB_{281} 6 30.6 272°.92 1°.9/30.3 17

5 31	19 6.29	−25 52.2	1.523	2.423	14.0	21.0
6 10	18 59.94	−26 25.0	1.443	2.405	10.0	20.7
6 20	18 50.86	−26 58.4	1.385	2.386	5.5	20.4
6 30	18 39.95	−27 28.0	1.353	2.368	1.9	20.2
7 10	18 28.59	−27 50.0	1.346	2.349	5.4	20.3
7 20	18 18.22	−28 2.9	1.364	2.330	10.2	20.6
7 30	18 10.19	−28 7.3	1.404	2.310	14.6	20.8
8 9	18 5.36	−28 5.6	1.464	2.291	18.4	21.0

416385 2003 UN_{17} 6 30.6 193°.44 0°.0/30.5 17

5 31	19 7.36	−23 12.3	1.875	2.763	12.4	22.0
6 10	19 0.01	−23 11.3	1.805	2.761	8.8	21.8
6 20	18 50.58	−23 10.4	1.758	2.759	4.7	21.5
6 30	18 39.93	−23 7.8	1.739	2.756	0.3	21.2
7 10	18 29.18	−23 2.5	1.747	2.752	4.1	21.5
7 20	18 19.44	−22 54.6	1.783	2.747	8.3	21.7
7 30	18 11.67	−22 45.0	1.843	2.742	12.1	21.9
8 9	18 6.47	−22 35.1	1.925	2.736	15.2	22.1

459624 2013 JF_{2} 6 30.6 62°.25 1°.5/30.4 17

5 31	19 6.77	−24 26.3	1.207	2.116	16.1	20.8
6 10	19 0.27	−25 5.8	1.161	2.127	11.4	20.6
6 20	18 50.92	−25 46.5	1.136	2.138	6.1	20.3
6 30	18 39.95	−26 23.2	1.134	2.150	1.6	20.0
7 10	18 29.03	−26 51.9	1.157	2.162	5.6	20.3
7 20	18 19.71	−27 11.1	1.203	2.174	10.7	20.7
7 30	18 13.23	−27 21.8	1.271	2.186	15.2	21.0
8 9	18 10.22	−27 26.1	1.356	2.198	18.8	21.2

311944 2007 CF_{58} 6 30.6 153°.37 2°.0/ 1.4 18

5 31	19 0.56	−14 4.3	2.744	3.614	9.5	21.2
6 10	18 54.71	−14 31.7	2.676	3.620	6.9	21.0
6 20	18 47.60	−15 5.7	2.634	3.625	4.1	20.9
6 30	18 39.76	−15 45.1	2.620	3.631	2.1	20.7
7 10	18 31.84	−16 28.0	2.636	3.636	3.4	20.8
7 20	18 24.50	−17 12.8	2.680	3.641	6.1	21.0
7 30	18 18.32	−17 57.8	2.752	3.645	8.7	21.2
8 9	18 13.76	−18 41.7	2.846	3.649	11.0	21.4

23663 Kalou 6 30.6 113°.81 2°.5/ 1.2 18

5 31	19 4.66	−15 46.5	1.552	2.443	14.3	18.7
6 10	18 58.31	−16 4.4	1.494	2.449	10.3	18.5
6 20	18 49.75	−16 31.6	1.459	2.455	6.0	18.2
6 30	18 39.90	−17 6.2	1.448	2.461	2.5	18.0
7 10	18 29.98	−17 45.5	1.464	2.467	4.9	18.2
7 20	18 21.17	−18 26.8	1.505	2.473	9.2	18.5
7 30	18 14.48	−19 7.9	1.570	2.479	13.2	18.7
8 9	18 10.52	−19 47.4	1.655	2.484	16.5	19.0

287871 2003 SN_{303} 6 30.7 133°.37 0°.4/30.7 17

5 31	19 7.28	−22 57.3	1.545	2.441	14.0	20.5
6 10	19 0.14	−22 44.0	1.487	2.447	9.9	20.2
6 20	18 50.69	−22 30.8	1.452	2.453	5.3	20.0
6 30	18 39.96	−22 16.5	1.442	2.459	0.5	19.6
7 10	18 29.27	−22 0.6	1.459	2.464	4.6	20.0
7 20	18 19.88	−21 43.8	1.501	2.469	9.2	20.3
7 30	18 12.80	−21 27.5	1.567	2.474	13.3	20.5
8 9	18 8.61	−21 12.7	1.652	2.478	16.7	20.8

504803 2010 CO_{28} 6 30.7 121°.09 4°.2/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.12	− 9 55.3	2.240	3.102	11.6	22.3
6 10	18 56.57	− 9 43.3	2.187	3.120	8.8	22.2
6 20	18 48.58	− 9 41.0	2.158	3.137	6.0	22.0
6 30	18 39.84	− 9 48.6	2.156	3.154	4.3	21.9
7 10	18 31.16	−10 5.3	2.183	3.171	5.2	22.0
7 20	18 23.30	−10 29.8	2.236	3.186	7.7	22.2
7 30	18 16.92	−11 0.1	2.315	3.202	10.4	22.4
8 9	18 12.47	−11 34.3	2.416	3.216	12.8	22.6

362275 2009 QU_{34} 6 30.7 324°.00 3°.3/30.2 18

5 31	19 2.56	−32 13.8	2.082	2.971	11.2	20.6
6 10	18 56.66	−32 30.9	2.010	2.963	8.2	20.3
6 20	18 48.83	−32 42.1	1.961	2.955	5.1	20.1
6 30	18 39.86	−32 44.3	1.939	2.947	3.3	20.0
7 10	18 30.79	−32 36.1	1.944	2.939	5.0	20.1
7 20	18 22.63	−32 17.7	1.975	2.932	8.2	20.3
7 30	18 16.26	−31 51.2	2.031	2.925	11.3	20.5
8 9	18 12.27	−31 19.4	2.107	2.918	14.1	20.6

381133 2007 ER_{48} 6 30.7 38°.62 9°.3/29.1 17

5 31	19 9.12	−42 24.5	1.458	2.339	15.7	20.2
6 10	19 2.18	−43 41.7	1.415	2.347	12.7	20.1
6 20	18 52.04	−44 41.8	1.392	2.356	10.2	19.9
6 30	18 40.07	−45 16.5	1.393	2.366	9.3	19.9
7 10	18 28.09	−45 21.9	1.416	2.376	10.5	20.0
7 20	18 17.87	−44 59.8	1.462	2.386	13.0	20.2
7 30	18 10.79	−44 16.1	1.528	2.396	15.8	20.4
8 9	18 7.49	−43 18.5	1.612	2.407	18.4	20.6

112462 2002 OJ_{13} 6 30.7 61°.83 2°.4/30.7 18

5 31	19 4.13	−18 54.8	1.823	2.713	12.6	19.3
6 10	18 57.64	−18 11.1	1.760	2.715	9.0	19.1
6 20	18 49.28	−17 29.8	1.720	2.718	5.2	18.9
6 30	18 39.90	−16 51.8	1.707	2.720	2.4	18.7
7 10	18 30.55	−16 18.2	1.722	2.723	4.7	18.9
7 20	18 22.22	−15 49.9	1.762	2.726	8.5	19.1
7 30	18 15.75	−15 27.9	1.827	2.728	12.0	19.3
8 9	18 11.67	−15 12.0	1.913	2.731	15.0	19.5

125874 2001 XC_{196} 6 30.7 228°.80 0°.7/30.8 18

5 31	19 3.80	−20 8.4	1.803	2.695	12.6	19.9
6 10	18 57.63	−20 27.9	1.733	2.691	8.9	19.6
6 20	18 49.40	−20 51.9	1.687	2.687	4.8	19.4
6 30	18 39.92	−21 18.1	1.666	2.682	0.8	19.1
7 10	18 30.27	−21 44.3	1.673	2.678	4.2	19.3
7 20	18 21.52	−22 8.9	1.706	2.673	8.4	19.6
7 30	18 14.64	−22 31.2	1.763	2.668	12.2	19.8
8 9	18 10.26	−22 51.0	1.841	2.663	15.4	20.0

414092 2007 TG_{212} 6 30.7 356°.06 7°.3/29.9 17

5 31	19 8.58	−36 52.2	1.248	2.147	16.5	20.0
6 10	19 2.01	−37 43.3	1.193	2.146	12.6	19.8
6 20	18 52.06	−38 21.4	1.159	2.145	9.0	19.6
6 30	18 40.09	−38 38.7	1.147	2.144	7.3	19.5
7 10	18 28.02	−38 31.2	1.158	2.144	9.1	19.6
7 20	18 17.72	−38 0.5	1.191	2.144	12.8	19.8
7 30	18 10.67	−37 12.3	1.245	2.144	16.6	20.0
8 9	18 7.58	−36 14.1	1.316	2.145	20.0	20.3

335750 2007 EH_{49} 6 30.7 31°.33 2°.8/ 1.3 17

5 31	19 1.84	−15 49.5	1.234	2.140	16.1	20.2
6 10	18 56.60	−16 5.3	1.190	2.153	11.6	20.0
6 20	18 48.92	−16 32.1	1.167	2.166	6.7	19.7
6 30	18 39.90	−17 7.9	1.167	2.180	2.8	19.5
7 10	18 30.96	−17 49.3	1.190	2.195	5.4	19.7
7 20	18 23.38	−18 33.0	1.238	2.211	10.1	20.0
7 30	18 18.23	−19 16.2	1.306	2.228	14.3	20.3
8 9	18 16.08	−19 57.1	1.394	2.245	17.9	20.6

438264 2005 XZ_{13} 6 30.7 184°.84 3°.7/30.9 18

5 31	19 0.76	−12 35.5	2.486	3.355	10.4	20.4
6 10	18 54.93	−11 56.6	2.416	3.355	7.8	20.2
6 20	18 47.75	−11 23.7	2.372	3.355	5.2	20.0
6 30	18 39.84	−10 57.8	2.354	3.355	3.7	19.9
7 10	18 31.89	−10 39.7	2.365	3.354	4.8	20.0
7 20	18 24.61	−10 29.4	2.403	3.354	7.3	20.2
7 30	18 18.61	−10 26.4	2.467	3.353	9.9	20.3
8 9	18 14.34	−10 29.6	2.553	3.352	12.2	20.5

518753 2009 SV_{371} 6 30.7 192°.02 7°.2/29.1 17

5 31	19 10.90	−41 34.1	2.026	2.889	12.6	22.8
6 10	19 2.90	−42 37.6	1.963	2.888	10.1	22.6
6 20	18 52.31	−43 28.6	1.924	2.886	8.0	22.5
6 30	18 40.13	−44 0.7	1.911	2.883	7.2	22.4
7 10	18 27.76	−44 10.5	1.923	2.881	8.3	22.5
7 20	18 16.58	−43 58.5	1.961	2.877	10.6	22.6
7 30	18 7.79	−43 28.3	2.022	2.874	13.2	22.8
8 9	18 2.11	−42 45.6	2.102	2.869	15.5	23.0

471296 2011 GP_{83} 6 30.7 359°.45 5°.1/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.16	−11 1.7	1.380	2.273	15.6	20.7
6 10	18 55.36	−10 57.1	1.320	2.271	11.8	20.5
6 20	18 48.30	−11 7.4	1.281	2.270	7.8	20.3
6 30	18 39.88	−11 32.8	1.264	2.269	5.2	20.1
7 10	18 31.33	−12 11.7	1.272	2.270	6.6	20.2
7 20	18 23.84	−13 0.7	1.303	2.271	10.4	20.4
7 30	18 18.47	−13 56.1	1.357	2.272	14.3	20.7
8 9	18 15.89	−14 53.9	1.429	2.275	17.8	20.9

139237 2001 HH_{22} 6 30.7 71°.90 0°.3/30.7 17

5 31	19 6.26	−21 27.5	1.388	2.289	15.0	19.7
6 10	18 59.52	−21 43.7	1.344	2.306	10.5	19.5
6 20	18 50.40	−22 3.2	1.322	2.324	5.6	19.3
6 30	18 40.00	−22 23.1	1.324	2.341	0.5	19.0
7 10	18 29.75	−22 41.0	1.352	2.358	4.8	19.3
7 20	18 20.93	−22 55.9	1.405	2.375	9.5	19.6
7 30	18 14.56	−23 7.7	1.480	2.392	13.6	19.9
8 9	18 11.19	−23 17.1	1.575	2.409	17.0	20.2

214389 2005 MR_{16} 6 30.7 326°.39 1°.2/30.8 17

5 31	19 1.37	−20 6.2	1.226	2.138	15.7	20.3
6 10	18 56.71	−20 9.5	1.154	2.121	11.3	20.0
6 20	18 49.25	−20 18.8	1.102	2.105	6.2	19.7
6 30	18 39.96	−20 32.4	1.074	2.090	1.3	19.3
7 10	18 30.28	−20 48.2	1.068	2.075	5.4	19.6
7 20	18 21.73	−21 4.6	1.086	2.061	10.9	19.8
7 30	18 15.69	−21 20.7	1.124	2.049	15.8	20.1
8 9	18 13.02	−21 36.2	1.179	2.037	20.1	20.3

157256 2004 RQ_{159} 6 30.7 64°.81 6°.0/ 1.0 17

5 31	19 3.96	−10 38.9	1.578	2.458	14.7	19.1
6 10	18 57.58	− 9 40.7	1.531	2.473	11.2	18.9
6 20	18 49.26	− 8 54.0	1.506	2.487	7.8	18.7
6 30	18 39.95	− 8 21.3	1.506	2.502	6.0	18.7
7 10	18 30.76	− 8 3.7	1.531	2.517	7.2	18.8
7 20	18 22.75	− 8 0.6	1.581	2.533	10.2	19.0
7 30	18 16.75	− 8 10.1	1.654	2.548	13.5	19.2
8 9	18 13.26	− 8 29.2	1.746	2.563	16.3	19.4

315271 2007 TA_{76} 6 30.7 171°.58 4°.4/29.9 17

5 31	19 9.42	−32 14.4	1.605	2.495	13.9	21.1
6 10	19 1.96	−33 0.3	1.544	2.498	10.2	20.9
6 20	18 51.83	−33 39.5	1.507	2.500	6.5	20.7
6 30	18 40.12	−34 6.3	1.495	2.501	4.4	20.6
7 10	18 28.29	−34 17.4	1.510	2.502	6.5	20.7
7 20	18 17.78	−34 12.7	1.549	2.503	10.2	20.9
7 30	18 9.80	−33 55.3	1.612	2.503	13.9	21.1
8 9	18 5.04	−33 29.5	1.693	2.503	17.1	21.3

195513 2002 HY_{7} 6 30.7 95°.42 1°.1/30.9 17

5 31	19 3.40	−19 45.7	1.750	2.644	12.8	20.0
6 10	18 57.31	−19 50.3	1.687	2.646	9.1	19.8
6 20	18 49.21	−19 59.0	1.648	2.648	5.0	19.5
6 30	18 39.96	−20 10.2	1.634	2.650	1.2	19.3
7 10	18 30.64	−20 22.5	1.648	2.652	4.2	19.5
7 20	18 22.31	−20 35.0	1.687	2.655	8.4	19.7
7 30	18 15.89	−20 47.2	1.750	2.657	12.1	20.0
8 9	18 11.96	−20 59.0	1.833	2.659	15.3	20.2

193603 2001 BU_{71} 6 30.7 244°.98 0°.7/30.8 18

5 31	19 4.42	−20 48.7	2.276	3.158	10.7	20.8
6 10	18 57.84	−20 49.6	2.186	3.139	7.6	20.5
6 20	18 49.48	−20 52.6	2.121	3.120	4.2	20.3
6 30	18 39.98	−20 56.3	2.083	3.099	0.8	20.0
7 10	18 30.24	−20 59.9	2.075	3.079	3.6	20.2
7 20	18 21.14	−21 2.9	2.094	3.057	7.4	20.4
7 30	18 13.53	−21 5.2	2.139	3.035	10.8	20.5
8 9	18 8.03	−21 7.4	2.206	3.012	13.7	20.7

197550 2004 FS_{46} 6 30.7 45°.93 1°.2/30.6 17

5 31	19 7.09	−25 21.9	1.051	1.967	17.4	19.6
6 10	19 0.74	−25 27.1	1.007	1.976	12.3	19.3
6 20	18 51.27	−25 31.0	0.983	1.986	6.6	19.1
6 30	18 40.09	−25 30.0	0.980	1.996	1.3	18.7
7 10	18 29.06	−25 22.6	1.001	2.007	5.8	19.1
7 20	18 19.88	−25 9.3	1.044	2.018	11.4	19.4
7 30	18 13.84	−24 52.6	1.107	2.030	16.2	19.7
8 9	18 11.53	−24 34.9	1.187	2.042	20.2	20.0

387758 2003 SX_{72} 6 30.7 219°.58 2°.2/ 1.0 17

5 31	19 2.73	−16 44.0	2.058	2.941	11.6	22.0
6 10	18 56.64	−16 36.6	1.985	2.937	8.4	21.8
6 20	18 48.81	−16 34.5	1.936	2.932	4.9	21.6
6 30	18 39.94	−16 37.3	1.914	2.926	2.3	21.4
7 10	18 30.96	−16 44.2	1.919	2.921	4.3	21.5
7 20	18 22.76	−16 54.6	1.951	2.915	7.8	21.7
7 30	18 16.14	−17 7.7	2.009	2.908	11.2	21.9
8 9	18 11.68	−17 22.9	2.087	2.902	14.1	22.1

362963 2013 BE_{53} 6 30.7 162°.01 2°.4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.25	−30 42.2	2.355	3.238	10.3	20.9
6 10	18 57.57	−30 50.8	2.289	3.241	7.4	20.7
6 20	18 49.23	−30 54.3	2.249	3.244	4.4	20.5
6 30	18 39.97	−30 50.7	2.236	3.246	2.4	20.4
7 10	18 30.70	−30 39.0	2.251	3.248	4.2	20.5
7 20	18 22.32	−30 19.7	2.294	3.250	7.2	20.7
7 30	18 15.57	−29 54.5	2.362	3.252	10.1	20.9
8 9	18 10.96	−29 25.9	2.452	3.253	12.6	21.1

506241 2016 NJ_{28} 6 30.7 55°.72 8°.4/ 2.2 17

5 31	19 2.01	− 3 34.1	1.551	2.413	15.9	20.8
6 10	18 56.26	− 2 49.5	1.506	2.427	12.8	20.7
6 20	18 48.61	− 2 24.2	1.481	2.441	10.0	20.5
6 30	18 39.93	− 2 20.4	1.479	2.456	8.5	20.5
7 10	18 31.33	− 2 38.1	1.501	2.471	9.1	20.6
7 20	18 23.83	− 3 14.6	1.547	2.486	11.4	20.7
7 30	18 18.26	− 4 5.8	1.615	2.501	14.1	20.9
8 9	18 15.16	− 5 6.2	1.702	2.517	16.7	21.2

320640 2008 CY_{89} 6 30.7 224°.69 3°.2/30.4 17

5 31	19 8.52	−30 28.4	1.598	2.492	13.8	21.5
6 10	19 1.31	−30 45.0	1.530	2.487	10.0	21.2
6 20	18 51.49	−30 55.6	1.485	2.481	5.9	21.0
6 30	18 40.12	−30 56.1	1.464	2.475	3.2	20.8
7 10	18 28.62	−30 44.3	1.470	2.469	5.7	21.0
7 20	18 18.37	−30 21.2	1.502	2.463	9.8	21.2
7 30	18 10.57	−29 49.8	1.556	2.456	13.8	21.4
8 9	18 5.91	−29 14.0	1.630	2.449	17.2	21.6

368935 2006 VM_{123} 6 30.7 314°.90 0°.7/30.6 13 C

5 31	19 3.34	−24 45.8	1.197	2.111	15.9	21.2
6 10	18 58.51	−24 43.2	1.109	2.078	11.5	20.8
6 20	18 50.46	−24 39.8	1.041	2.045	6.3	20.4
6 30	18 40.10	−24 32.9	0.996	2.012	0.8	19.9
7 10	18 28.97	−24 20.4	0.974	1.980	5.8	20.2
7 20	18 18.85	−24 2.4	0.973	1.949	11.8	20.4
7 30	18 11.43	−23 40.9	0.993	1.919	17.4	20.6
8 9	18 7.80	−23 18.5	1.030	1.889	22.2	20.8

23995 Oechsle 6 30.7 222°.45 0°.9/30.8 18

5 31	19 6.39	−20 35.5	1.872	2.759	12.4	19.8
6 10	18 59.47	−20 37.8	1.794	2.749	8.9	19.6
6 20	18 50.43	−20 42.9	1.740	2.739	4.8	19.3
6 30	18 40.09	−20 49.2	1.712	2.728	0.9	19.0
7 10	18 29.53	−20 55.5	1.712	2.717	4.2	19.2
7 20	18 19.84	−21 1.1	1.739	2.704	8.4	19.4
7 30	18 12.02	−21 6.0	1.791	2.691	12.3	19.7
8 9	18 6.74	−21 10.7	1.864	2.678	15.5	19.8

36346 2000 NE_{20} 6 30.7 238°.58 1°.3/30.6 18

5 31	19 7.40	−27 37.1	2.152	3.035	11.2	19.2
6 10	19 0.03	−27 30.1	2.066	3.020	8.0	18.9
6 20	18 50.67	−27 19.1	2.005	3.003	4.4	18.7
6 30	18 40.10	−27 2.1	1.971	2.986	1.3	18.4
7 10	18 29.36	−26 38.5	1.966	2.969	4.0	18.6
7 20	18 19.46	−26 9.2	1.989	2.950	7.8	18.8
7 30	18 11.33	−25 36.1	2.038	2.931	11.3	19.0
8 9	18 5.61	−25 1.8	2.108	2.911	14.3	19.2

255349 2005 WT_{77} 6 30.7 268°.40 0°.1/30.7 18

5 31	19 1.65	−23 11.6	2.333	3.221	10.2	20.7
6 10	18 55.79	−23 5.6	2.254	3.211	7.2	20.5
6 20	18 48.34	−22 59.7	2.201	3.201	3.9	20.3
6 30	18 39.96	−22 52.8	2.175	3.191	0.3	20.0
7 10	18 31.46	−22 44.4	2.177	3.181	3.4	20.2
7 20	18 23.67	−22 34.4	2.206	3.171	6.9	20.4
7 30	18 17.33	−22 23.6	2.261	3.161	10.1	20.6
8 9	18 12.97	−22 12.7	2.338	3.151	12.8	20.8

189574 2000 TT_{43} 6 30.7 347°.86 4°.8/ 1.9 17

5 31	18 54.64	−11 50.9	0.985	1.904	18.0	18.4
6 10	18 52.24	−12 15.6	0.921	1.887	13.5	18.1
6 20	18 47.01	−13 2.5	0.874	1.872	8.7	17.8
6 30	18 39.89	−14 11.0	0.848	1.859	4.9	17.5
7 10	18 32.35	−15 36.4	0.842	1.848	6.9	17.6
7 20	18 25.97	−17 11.6	0.857	1.839	12.0	17.8
7 30	18 22.21	−18 48.6	0.891	1.833	17.1	18.1
8 9	18 22.00	−20 20.8	0.942	1.829	21.6	18.3

346465 2008 TN_{120} 6 30.7 257°.00 2°.1/ 1.1 18

5 31	19 3.58	−16 37.0	2.091	2.971	11.6	21.5
6 10	18 57.39	−16 40.9	2.001	2.951	8.4	21.2
6 20	18 49.32	−16 50.9	1.935	2.930	4.9	21.0
6 30	18 40.04	−17 6.1	1.896	2.909	2.1	20.8
7 10	18 30.44	−17 25.3	1.885	2.887	4.2	20.9
7 20	18 21.48	−17 47.3	1.902	2.865	8.0	21.0
7 30	18 14.06	−18 11.0	1.943	2.842	11.5	21.2
8 9	18 8.83	−18 35.6	2.007	2.819	14.7	21.4

398562 2011 VE_{14} 6 30.7 337°.09 4°.3/ 1.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.71	−12 18.9	1.981	2.859	12.2	21.4
6 10	18 55.23	−11 45.1	1.912	2.856	9.2	21.2
6 20	18 48.08	−11 19.5	1.868	2.853	6.1	21.0
6 30	18 39.97	−11 3.2	1.849	2.851	4.3	20.9
7 10	18 31.79	−10 56.6	1.857	2.849	5.6	21.0
7 20	18 24.40	−10 59.2	1.890	2.846	8.5	21.1
7 30	18 18.57	−11 10.1	1.948	2.845	11.6	21.3
8 9	18 14.84	−11 27.3	2.027	2.843	14.4	21.5

66624 1999 RM_{204} 6 30.7 337°.68 7°.5/30.8 17

5 31	19 7.03	−40 8.3	1.333	2.225	16.1	18.3
6 10	19 0.89	−40 17.4	1.265	2.211	12.6	18.1
6 20	18 51.50	−40 8.2	1.217	2.198	9.3	17.9
6 30	18 40.19	−39 34.8	1.192	2.186	7.6	17.7
7 10	18 28.80	−38 35.5	1.190	2.175	8.9	17.8
7 20	18 19.13	−37 14.1	1.210	2.165	12.4	17.9
7 30	18 12.56	−35 38.2	1.252	2.156	16.2	18.1
8 9	18 9.78	−33 56.5	1.313	2.149	19.7	18.3

250828 2005 UH_{77} 6 30.7 250°.41 6°.2/ 2.1 18

5 31	18 59.43	− 2 1.3	2.637	3.468	11.0	20.8
6 10	18 54.08	− 1 41.0	2.552	3.453	9.1	20.6
6 20	18 47.41	− 1 33.5	2.491	3.437	7.3	20.5
6 30	18 39.94	− 1 40.2	2.455	3.421	6.3	20.4
7 10	18 32.29	− 2 1.3	2.446	3.405	6.7	20.4
7 20	18 25.14	− 2 35.6	2.464	3.389	8.4	20.5
7 30	18 19.09	− 3 20.9	2.506	3.372	10.5	20.6
8 9	18 14.63	− 4 14.3	2.571	3.355	12.6	20.7

97013 1999 TJ_{260} 6 30.7 320°.80 0°.2/30.7 18

5 31	19 0.82	−23 14.5	1.872	2.770	11.9	19.9
6 10	18 55.61	−23 23.8	1.793	2.754	8.4	19.6
6 20	18 48.42	−23 34.5	1.737	2.739	4.5	19.4
6 30	18 40.01	−23 44.5	1.707	2.724	0.4	19.0
7 10	18 31.36	−23 52.5	1.704	2.709	4.0	19.3
7 20	18 23.52	−23 57.6	1.726	2.695	8.2	19.5
7 30	18 17.42	−24 0.0	1.773	2.681	11.9	19.7
8 9	18 13.71	−24 0.4	1.840	2.668	15.2	19.9

396812 2004 PT_{102} 6 30.7 319°.58 10°.7/ 2.2 15

5 31	18 58.13	+ 4 23.2	1.882	2.702	15.2	20.5
6 10	18 53.65	+ 5 12.5	1.798	2.677	13.3	20.3
6 20	18 47.38	+ 5 41.0	1.735	2.654	11.6	20.1
6 30	18 39.95	+ 5 44.2	1.694	2.630	10.8	20.0
7 10	18 32.21	+ 5 20.6	1.675	2.607	11.2	20.0
7 20	18 25.08	+ 4 31.1	1.679	2.585	12.7	20.0
7 30	18 19.44	+ 3 19.4	1.704	2.563	14.9	20.1
8 9	18 15.93	+ 1 51.3	1.748	2.542	17.2	20.2

318487 2005 EX_{110} 6 30.7 46°.68 0°.2/30.7 17

5 31	19 5.67	−22 33.2	1.175	2.086	16.4	20.3
6 10	18 59.42	−22 32.8	1.133	2.100	11.5	20.1
6 20	18 50.48	−22 34.5	1.113	2.116	6.1	19.8
6 30	18 40.14	−22 36.0	1.115	2.132	0.5	19.5
7 10	18 30.00	−22 35.9	1.142	2.148	5.2	19.9
7 20	18 21.51	−22 33.9	1.191	2.165	10.4	20.2
7 30	18 15.78	−22 30.8	1.262	2.183	14.8	20.5
8 9	18 13.33	−22 27.6	1.352	2.200	18.5	20.8

125768 2001 XD_{137} 6 30.7 124°.55 0°.2/30.7 17

5 31	19 4.98	−22 17.1	1.786	2.678	12.6	20.1
6 10	18 58.44	−22 41.9	1.727	2.685	8.9	19.9
6 20	18 49.86	−23 9.1	1.691	2.692	4.7	19.7
6 30	18 40.11	−23 35.8	1.683	2.699	0.3	19.4
7 10	18 30.31	−23 59.7	1.701	2.706	4.1	19.7
7 20	18 21.54	−24 19.5	1.745	2.712	8.3	20.0
7 30	18 14.73	−24 35.0	1.814	2.718	12.0	20.2
8 9	18 10.47	−24 46.9	1.904	2.724	15.0	20.4

293669 2007 PK_{22} 6 30.7 352°.28 6°.0/30.4 17

5 31	19 1.12	−33 0.7	0.883	1.812	18.5	19.2
6 10	18 57.39	−33 27.4	0.831	1.803	13.8	18.9
6 20	18 49.91	−33 42.9	0.796	1.795	8.9	18.6
6 30	18 40.12	−33 40.0	0.780	1.790	6.0	18.4
7 10	18 30.16	−33 15.5	0.785	1.786	8.6	18.5
7 20	18 22.13	−32 31.6	0.808	1.784	13.6	18.8
7 30	18 17.67	−31 34.6	0.850	1.783	18.6	19.1
8 9	18 17.52	−30 31.5	0.906	1.785	22.9	19.3

31064 1996 TP_{11} 6 30.7 197°.42 5°.2/ 1.4 18

5 31	19 0.79	− 7 50.5	2.301	3.159	11.5	19.5
6 10	18 55.10	− 7 18.1	2.231	3.157	9.0	19.3
6 20	18 47.96	− 6 55.9	2.185	3.156	6.6	19.2
6 30	18 39.99	− 6 45.2	2.166	3.154	5.2	19.1
7 10	18 31.96	− 6 46.3	2.173	3.152	6.0	19.2
7 20	18 24.59	− 6 58.5	2.207	3.150	8.3	19.3
7 30	18 18.56	− 7 20.2	2.266	3.147	10.8	19.4
8 9	18 14.36	− 7 49.1	2.346	3.145	13.2	19.6

123157 2000 TG_{45} 6 30.7 201°.90 2°.3/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.58	−15 14.3	2.034	2.913	11.9	20.4
6 10	18 57.31	−15 32.0	1.961	2.910	8.7	20.2
6 20	18 49.25	−15 57.6	1.913	2.907	5.1	20.0
6 30	18 40.09	−16 29.6	1.891	2.903	2.4	19.8
7 10	18 30.76	−17 6.2	1.897	2.899	4.2	19.9
7 20	18 22.20	−17 45.1	1.930	2.894	7.8	20.1
7 30	18 15.24	−18 24.8	1.989	2.889	11.2	20.3
8 9	18 10.47	−19 3.7	2.070	2.884	14.2	20.5

203975 2003 SL_{206} 6 30.7 259°.99 1°.6/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.37	−26 26.5	1.922	2.814	11.9	21.0
6 10	18 58.12	−26 50.2	1.845	2.804	8.5	20.8
6 20	18 49.77	−27 12.9	1.793	2.792	4.7	20.5
6 30	18 40.13	−27 31.6	1.766	2.781	1.6	20.3
7 10	18 30.26	−27 43.9	1.767	2.770	4.4	20.4
7 20	18 21.25	−27 49.2	1.795	2.758	8.3	20.7
7 30	18 14.09	−27 48.1	1.846	2.746	12.0	20.8
8 9	18 9.45	−27 42.4	1.919	2.734	15.1	21.0

506841 2007 TS_{330} 6 30.7 299°.50 4°.3/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.58	−30 32.0	1.279	2.185	15.6	21.0
6 10	19 0.68	−31 10.1	1.206	2.168	11.5	20.7
6 20	18 51.54	−31 43.7	1.154	2.151	7.0	20.4
6 30	18 40.26	−32 6.4	1.125	2.135	4.3	20.2
7 10	18 28.50	−32 13.7	1.119	2.118	7.0	20.3
7 20	18 18.05	−32 4.8	1.137	2.102	11.8	20.5
7 30	18 10.46	−31 42.7	1.176	2.086	16.5	20.7
8 9	18 6.66	−31 12.2	1.232	2.071	20.5	20.9

379202 2009 SG_{63} 6 30.7 220°.77 0°.8/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.26	−20 35.4	1.908	2.796	12.2	21.9
6 10	18 58.65	−20 40.4	1.832	2.788	8.7	21.6
6 20	18 50.02	−20 48.3	1.781	2.780	4.7	21.4
6 30	18 40.16	−20 57.7	1.756	2.772	0.9	21.1
7 10	18 30.12	−21 7.0	1.759	2.763	4.1	21.3
7 20	18 20.94	−21 15.6	1.788	2.754	8.2	21.5
7 30	18 13.56	−21 23.2	1.843	2.744	11.9	21.7
8 9	18 8.63	−21 30.3	1.918	2.734	15.1	21.9

251402 2007 YL_{22} 6 30.7 102°.36 1°.1/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.68	−20 20.3	1.535	2.430	14.2	20.7
6 10	18 59.74	−20 21.3	1.484	2.443	10.0	20.4
6 20	18 50.57	−20 25.8	1.455	2.456	5.4	20.2
6 30	18 40.19	−20 32.3	1.452	2.468	1.1	19.9
7 10	18 29.90	−20 39.3	1.475	2.480	4.6	20.2
7 20	18 20.88	−20 46.0	1.524	2.492	9.1	20.5
7 30	18 14.11	−20 52.5	1.596	2.504	13.0	20.8
8 9	18 10.16	−20 59.0	1.688	2.515	16.3	21.0

342245 2008 SC_{283} 6 30.7 274°.93 5°.0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.69	−36 31.5	1.783	2.665	13.2	20.0
6 10	19 1.27	−36 38.0	1.717	2.662	9.9	19.7
6 20	18 51.44	−36 32.8	1.673	2.659	6.7	19.5
6 30	18 40.26	−36 11.9	1.655	2.656	5.0	19.4
7 10	18 29.10	−35 34.5	1.664	2.653	6.4	19.5
7 20	18 19.26	−34 42.7	1.698	2.649	9.6	19.7
7 30	18 11.82	−33 41.2	1.756	2.646	13.0	19.9
8 9	18 7.36	−32 35.1	1.834	2.643	15.9	20.1

211041 2002 CN_{22} 6 30.7 43°.96 0°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.10	−20 36.6	1.079	1.993	17.2	19.7
6 10	18 59.18	−20 59.1	1.042	2.010	12.1	19.4
6 20	18 50.44	−21 27.5	1.024	2.027	6.5	19.2
6 30	18 40.19	−21 57.9	1.028	2.045	0.7	18.8
7 10	18 30.13	−22 26.7	1.056	2.063	5.4	19.2
7 20	18 21.77	−22 52.0	1.106	2.082	10.7	19.6
7 30	18 16.29	−23 13.0	1.178	2.101	15.4	19.9
8 9	18 14.24	−23 30.2	1.267	2.121	19.1	20.2

365074 2009 AA_{43} 6 30.7 353°.50 0°.5/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.82	−22 43.8	1.154	2.067	16.4	20.4
6 10	18 59.14	−22 30.2	1.097	2.064	11.7	20.1
6 20	18 50.54	−22 17.9	1.059	2.062	6.3	19.8
6 30	18 40.21	−22 5.3	1.044	2.061	0.7	19.4
7 10	18 29.80	−21 51.7	1.053	2.060	5.5	19.7
7 20	18 20.87	−21 37.7	1.084	2.059	11.0	20.0
7 30	18 14.73	−21 24.5	1.136	2.059	15.8	20.3
8 9	18 12.09	−21 13.2	1.205	2.060	19.9	20.6

139999 2001 SY_{40} 6 30.7 271°.05 0°.5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.44	−23 35.1	2.093	2.984	11.1	20.1
6 10	18 56.60	−23 53.9	2.016	2.974	7.9	19.8
6 20	18 48.92	−24 13.9	1.962	2.963	4.2	19.6
6 30	18 40.11	−24 32.7	1.936	2.953	0.5	19.3
7 10	18 31.11	−24 48.7	1.937	2.942	3.8	19.5
7 20	18 22.86	−25 0.9	1.966	2.931	7.6	19.7
7 30	18 16.23	−25 9.2	2.019	2.920	11.0	19.9
8 9	18 11.82	−25 14.4	2.093	2.909	14.0	20.1

290562 2005 UN_{110} 6 30.7 170°.52 0°.2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.64	−23 42.0	2.343	3.231	10.2	21.3
6 10	18 55.77	−23 44.8	2.274	3.231	7.2	21.1
6 20	18 48.36	−23 47.6	2.231	3.232	3.8	20.8
6 30	18 40.07	−23 49.1	2.215	3.232	0.3	20.6
7 10	18 31.74	−23 48.4	2.228	3.232	3.3	20.8
7 20	18 24.16	−23 45.4	2.267	3.232	6.7	21.0
7 30	18 18.04	−23 40.6	2.333	3.233	9.8	21.2
8 9	18 13.87	−23 34.5	2.420	3.233	12.4	21.4

305511 2008 EE_{150} 6 30.7 209°.47 4°.1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 4.34	−34 37.9	2.332	3.212	10.6	20.7
6 10	18 57.89	−35 19.6	2.265	3.210	7.9	20.6
6 20	18 49.58	−35 54.8	2.223	3.208	5.4	20.4
6 30	18 40.16	−36 19.8	2.207	3.205	4.1	20.3
7 10	18 30.62	−36 32.2	2.219	3.203	5.5	20.4
7 20	18 21.91	−36 31.9	2.258	3.201	8.1	20.6
7 30	18 14.90	−36 20.4	2.321	3.198	10.8	20.7
8 9	18 10.18	−36 0.7	2.405	3.195	13.2	20.9

374525 2006 AM_{32} 6 30.7 190°.39 5°.0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.34	−35 59.8	2.166	3.041	11.5	21.1
6 10	19 0.88	−36 53.3	2.100	3.040	8.7	20.9
6 20	18 51.25	−37 39.0	2.058	3.038	6.1	20.8
6 30	18 40.28	−38 11.9	2.043	3.036	5.0	20.7
7 10	18 29.13	−38 29.1	2.055	3.033	6.4	20.8
7 20	18 18.95	−38 30.2	2.094	3.030	9.0	20.9
7 30	18 10.74	−38 17.5	2.157	3.026	11.8	21.1
8 9	18 5.17	−37 54.7	2.241	3.022	14.3	21.3

36858 2000 SO_{127} 6 30.7 65°.77 3°.2/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 5.56	−16 10.8	1.274	2.174	16.1	18.4
6 10	18 59.21	−16 2.1	1.228	2.187	11.7	18.2
6 20	18 50.39	−16 2.8	1.202	2.200	6.9	17.9
6 30	18 40.22	−16 11.9	1.200	2.213	3.2	17.7
7 10	18 30.15	−16 27.9	1.223	2.226	5.7	17.9
7 20	18 21.50	−16 48.9	1.269	2.239	10.3	18.2
7 30	18 15.36	−17 13.3	1.337	2.253	14.5	18.5
8 9	18 12.29	−17 39.2	1.424	2.266	18.1	18.8

319142 2005 YG_{23} 6 30.7 205°.92 0°.2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.63	−21 41.5	2.892	3.773	8.7	22.4
6 10	18 54.87	−21 53.0	2.815	3.768	6.1	22.2
6 20	18 47.84	−22 6.0	2.764	3.763	3.3	22.0
6 30	18 40.06	−22 19.2	2.741	3.758	0.3	21.7
7 10	18 32.19	−22 31.5	2.748	3.752	2.8	22.0
7 20	18 24.86	−22 42.5	2.783	3.746	5.8	22.1
7 30	18 18.68	−22 51.7	2.845	3.740	8.4	22.3
8 9	18 14.09	−22 59.6	2.930	3.733	10.7	22.5

66264 1999 HR 6 30.7 354°.54 5°.1/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.48	−16 18.6	0.979	1.899	18.0	17.9
6 10	18 56.27	−15 15.5	0.925	1.893	13.3	17.6
6 20	18 49.09	−14 20.2	0.889	1.888	8.4	17.3
6 30	18 40.15	−13 36.2	0.874	1.884	5.2	17.1
7 10	18 31.09	−13 6.3	0.880	1.882	7.7	17.2
7 20	18 23.54	−12 51.2	0.907	1.882	12.6	17.5
7 30	18 18.80	−12 50.2	0.952	1.882	17.5	17.8
8 9	18 17.59	−13 0.2	1.014	1.885	21.6	18.1

130969 2000 WC_{114} 6 30.7 177°.61 4°.1/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.05	−32 32.2	2.077	2.960	11.6	20.5
6 10	18 59.99	−33 32.7	2.013	2.961	8.5	20.3
6 20	18 50.78	−34 28.1	1.974	2.962	5.6	20.1
6 30	18 40.26	−35 13.5	1.961	2.963	4.1	20.0
7 10	18 29.55	−35 45.4	1.976	2.963	5.8	20.1
7 20	18 19.77	−36 2.9	2.018	2.963	8.8	20.3
7 30	18 11.91	−36 7.2	2.084	2.962	11.8	20.5
8 9	18 6.63	−36 1.6	2.171	2.961	14.4	20.7

111795 2002 CX_{240} 6 30.7 244°.84 2°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.72	−16 15.6	2.497	3.375	10.0	20.2
6 10	18 55.09	−16 12.5	2.416	3.364	7.3	20.0
6 20	18 48.02	−16 14.2	2.359	3.353	4.3	19.8
6 30	18 40.08	−16 20.5	2.330	3.342	2.1	19.6
7 10	18 32.00	−16 30.5	2.329	3.330	3.7	19.7
7 20	18 24.50	−16 43.6	2.356	3.318	6.7	19.9
7 30	18 18.26	−16 59.0	2.409	3.306	9.7	20.0
8 9	18 13.78	−17 16.1	2.485	3.294	12.3	20.2

468632 2008 RC_{80} 6 30.7 288°.55 6°.9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.93	−38 37.3	1.715	2.597	13.6	20.5
6 10	19 1.27	−39 32.2	1.639	2.579	10.7	20.3
6 20	18 51.74	−40 16.6	1.585	2.561	8.0	20.1
6 30	18 40.34	−40 43.5	1.556	2.543	6.9	20.0
7 10	18 28.55	−40 48.8	1.551	2.526	8.4	20.0
7 20	18 17.89	−40 32.2	1.571	2.508	11.4	20.2
7 30	18 9.74	−39 57.2	1.613	2.490	14.6	20.3
8 9	18 4.94	−39 9.7	1.674	2.473	17.6	20.5

324561 2006 WM_{111} 6 30.7 313°.13 1°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.61	−24 8.8	1.315	2.224	15.1	20.1
6 10	18 58.39	−24 49.8	1.242	2.208	10.8	19.8
6 20	18 50.29	−25 34.5	1.189	2.192	5.9	19.4
6 30	18 40.26	−26 18.2	1.160	2.176	1.5	19.1
7 10	18 29.75	−26 56.2	1.156	2.161	5.5	19.3
7 20	18 20.33	−27 25.7	1.175	2.146	10.8	19.6
7 30	18 13.43	−27 46.2	1.215	2.132	15.6	19.8
8 9	18 9.94	−27 59.2	1.273	2.119	19.6	20.0

93035 2000 RR_{103} 6 30.7 166°.70 3°.5/30.5 18

5 31	19 8.43	−33 22.8	2.034	2.914	11.9	18.9
6 10	19 0.80	−33 31.3	1.970	2.918	8.7	18.7
6 20	18 51.11	−33 31.7	1.930	2.921	5.5	18.5
6 30	18 40.29	−33 21.1	1.917	2.923	3.5	18.4
7 10	18 29.52	−32 58.3	1.932	2.925	5.2	18.5
7 20	18 19.87	−32 24.8	1.974	2.927	8.4	18.7
7 30	18 12.28	−31 43.5	2.040	2.929	11.5	18.9
8 9	18 7.29	−30 58.3	2.128	2.929	14.3	19.1

17072 Athiviraham 6 30.7 251°.29 5°.0/29.7 18

5 31	19 8.77	−32 3.5	1.473	2.368	14.6	18.8
6 10	19 1.95	−33 2.5	1.404	2.360	10.8	18.6
6 20	18 52.13	−33 56.4	1.359	2.351	7.0	18.3
6 30	18 40.38	−34 38.1	1.337	2.342	5.0	18.2
7 10	18 28.25	−35 2.6	1.341	2.333	7.2	18.3
7 20	18 17.38	−35 8.8	1.369	2.324	11.2	18.5
7 30	18 9.18	−34 59.2	1.419	2.314	15.2	18.7
8 9	18 4.50	−34 38.6	1.488	2.304	18.7	18.9

373731 2002 SA_{69} 6 30.7 270°.98 2°.0/30.5 17

5 31	19 6.32	−27 2.0	1.557	2.456	13.8	21.4
6 10	18 59.91	−27 20.8	1.483	2.444	9.9	21.1
6 20	18 50.92	−27 37.5	1.432	2.432	5.5	20.9
6 30	18 40.30	−27 48.6	1.406	2.421	2.0	20.6
7 10	18 29.40	−27 51.5	1.406	2.409	5.2	20.8
7 20	18 19.60	−27 45.8	1.430	2.397	9.7	21.0
7 30	18 12.12	−27 33.3	1.478	2.385	14.0	21.2
8 9	18 7.71	−27 16.6	1.545	2.373	17.6	21.4

69810 1998 RF_{42} 6 30.7 204°.09 3°.2/ 1.3 18

5 31	19 2.17	−12 34.9	2.595	3.460	10.1	20.2
6 10	18 56.02	−12 23.8	2.517	3.455	7.6	20.0
6 20	18 48.49	−12 19.4	2.463	3.449	4.9	19.9
6 30	18 40.14	−12 21.7	2.438	3.442	3.2	19.7
7 10	18 31.68	−12 30.5	2.441	3.434	4.3	19.8
7 20	18 23.80	−12 44.9	2.473	3.426	6.9	20.0
7 30	18 17.16	−13 3.9	2.530	3.418	9.6	20.1
8 9	18 12.23	−13 26.4	2.610	3.409	12.0	20.3

331132 2010 VJ_{82} 6 30.7 220°.93 0°.4/30.8 17 R

5 31	19 6.27	−21 12.2	1.814	2.703	12.6	21.5
6 10	18 59.51	−21 26.7	1.738	2.695	9.0	21.3
6 20	18 50.57	−21 44.2	1.686	2.686	4.9	21.0
6 30	18 40.29	−22 2.6	1.661	2.677	0.5	20.6
7 10	18 29.78	−22 19.9	1.663	2.668	4.2	20.9
7 20	18 20.16	−22 35.0	1.692	2.658	8.5	21.2
7 30	18 12.46	−22 47.5	1.745	2.647	12.4	21.4
8 9	18 7.37	−22 58.0	1.819	2.636	15.8	21.6

43721 4433 $T\text{-}_3$ 6 30.7 123°.43 3°.5/ 1.7 18

5 31	19 0.19	−10 25.6	2.599	3.461	10.2	19.5
6 10	18 54.55	−10 24.3	2.538	3.472	7.7	19.4
6 20	18 47.66	−10 31.5	2.502	3.483	5.2	19.2
6 30	18 40.09	−10 47.0	2.494	3.493	3.6	19.1
7 10	18 32.51	−11 9.9	2.513	3.504	4.4	19.2
7 20	18 25.57	−11 38.9	2.561	3.514	6.7	19.4
7 30	18 19.83	−12 12.3	2.634	3.523	9.2	19.6
8 9	18 15.72	−12 48.4	2.730	3.533	11.4	19.7

342490 2008 UM_{160} 6 30.7 279°.75 1°.8/30.4 18

5 31	19 4.61	−26 41.2	1.817	2.711	12.4	21.1
6 10	18 58.51	−27 7.7	1.735	2.694	8.9	20.8
6 20	18 50.12	−27 33.4	1.676	2.676	4.9	20.6
6 30	18 40.27	−27 54.9	1.643	2.658	1.8	20.3
7 10	18 30.08	−28 9.4	1.637	2.639	4.7	20.5
7 20	18 20.74	−28 16.0	1.657	2.621	8.8	20.7
7 30	18 13.34	−28 15.4	1.701	2.603	12.7	20.9
8 9	18 8.62	−28 9.4	1.765	2.585	16.1	21.1

29440 1997 MK_4 6 30.7 71°.78 1°.4/ 1.0 17

5 31	19 6.29	−18 24.4	1.233	2.137	16.3	18.1
6 10	18 59.95	−18 50.3	1.184	2.147	11.6	17.8
6 20	18 50.91	−19 24.7	1.155	2.157	6.4	17.6
6 30	18 40.32	−20 4.2	1.151	2.166	1.5	17.3
7 10	18 29.72	−20 44.9	1.170	2.176	5.2	17.6
7 20	18 20.56	−21 23.8	1.214	2.186	10.4	17.9
7 30	18 14.04	−21 59.3	1.279	2.196	14.9	18.2
8 9	18 10.81	−22 30.8	1.363	2.207	18.6	18.4

250811 2005 UJ_{51} 6 30.7 300°.69 4°.5/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.26	−35 8.8	2.098	2.981	11.4	19.9
6 10	18 58.05	−35 41.6	2.025	2.971	8.6	19.7
6 20	18 49.77	−36 6.9	1.977	2.962	5.9	19.5
6 30	18 40.25	−36 20.6	1.954	2.953	4.5	19.4
7 10	18 30.56	−36 20.7	1.959	2.944	5.9	19.5
7 20	18 21.79	−36 7.1	1.989	2.936	8.8	19.6
7 30	18 14.91	−35 42.1	2.043	2.927	11.7	19.8
8 9	18 10.54	−35 9.1	2.118	2.919	14.4	20.0

483096 2015 MN_{83} 6 30.7 241°.71 0°.1/30.7 18

5 31	19 3.51	−24 9.4	2.281	3.167	10.5	21.5
6 10	18 57.11	−23 45.4	2.207	3.163	7.4	21.3
6 20	18 49.11	−23 19.9	2.159	3.159	4.0	21.0
6 30	18 40.20	−22 52.3	2.138	3.155	0.3	20.7
7 10	18 31.27	−22 22.9	2.146	3.150	3.4	21.0
7 20	18 23.15	−21 52.7	2.181	3.146	7.0	21.2
7 30	18 16.59	−21 22.9	2.243	3.141	10.2	21.4
8 9	18 12.07	−20 54.8	2.326	3.137	12.9	21.6

423742 2006 BX_{239} 6 30.7 61°.32 0°.1/30.7 17

5 31	19 4.04	−22 26.8	1.667	2.565	13.1	21.2
6 10	18 57.93	−22 44.6	1.609	2.570	9.3	21.0
6 20	18 49.69	−23 4.5	1.574	2.575	4.9	20.8
6 30	18 40.25	−23 24.2	1.564	2.580	0.3	20.4
7 10	18 30.75	−23 41.4	1.580	2.586	4.3	20.7
7 20	18 22.32	−23 55.0	1.623	2.591	8.6	21.0
7 30	18 15.94	−24 5.2	1.689	2.597	12.4	21.3
8 9	18 12.19	−24 12.5	1.775	2.603	15.6	21.5

314102 2005 EM_{55} 6 30.7 149°.25 3°.1/ 1.3 17

5 31	19 6.13	−14 43.7	1.709	2.591	13.7	21.7
6 10	18 59.26	−14 40.4	1.649	2.599	10.0	21.5
6 20	18 50.36	−14 45.6	1.613	2.606	6.0	21.3
6 30	18 40.29	−14 58.6	1.602	2.612	3.2	21.1
7 10	18 30.19	−15 18.0	1.618	2.619	5.1	21.3
7 20	18 21.14	−15 42.3	1.661	2.624	8.9	21.5
7 30	18 14.05	−16 9.8	1.727	2.629	12.6	21.7
8 9	18 9.52	−16 39.0	1.814	2.633	15.7	22.0

313948 2004 RK_{178} 6 30.7 303°.55 1°.8/30.6 18

5 31	19 3.16	−28 55.3	2.203	3.092	10.7	20.4
6 10	18 57.00	−28 52.2	2.131	3.086	7.7	20.2
6 20	18 49.10	−28 45.0	2.083	3.081	4.3	20.0
6 30	18 40.20	−28 31.8	2.062	3.076	1.8	19.8
7 10	18 31.26	−28 12.0	2.070	3.071	4.0	20.0
7 20	18 23.18	−27 46.5	2.104	3.066	7.4	20.2
7 30	18 16.75	−27 16.8	2.163	3.061	10.5	20.4
8 9	18 12.51	−26 45.1	2.244	3.057	13.3	20.6

342375 2008 UO_{14} 6 30.7 64°.07 1°.0/30.6 17

5 31	19 4.84	−25 4.5	1.650	2.548	13.2	21.0
6 10	18 58.50	−25 15.8	1.594	2.555	9.3	20.8
6 20	18 49.99	−25 26.5	1.560	2.562	5.0	20.5
6 30	18 40.26	−25 33.9	1.553	2.569	1.0	20.3
7 10	18 30.55	−25 36.3	1.572	2.576	4.4	20.5
7 20	18 22.00	−25 33.7	1.616	2.584	8.7	20.8
7 30	18 15.57	−25 27.2	1.684	2.591	12.5	21.0
8 9	18 11.86	−25 18.2	1.772	2.599	15.7	21.3

38713 2000 QJ_{116} 6 30.7 188°.37 1°.3/30.9 18 R

5 31	19 6.75	−18 52.9	1.671	2.560	13.5	19.3
6 10	18 59.89	−19 6.1	1.604	2.560	9.7	19.1
6 20	18 50.78	−19 24.9	1.560	2.559	5.3	18.8
6 30	18 40.33	−19 47.1	1.542	2.558	1.4	18.6
7 10	18 29.72	−20 10.6	1.551	2.556	4.5	18.8
7 20	18 20.13	−20 33.9	1.587	2.553	8.9	19.0
7 30	18 12.61	−20 56.0	1.646	2.550	12.9	19.3
8 9	18 7.81	−21 16.8	1.725	2.547	16.3	19.5

5073 Junttura 6 30.7 68°.01 5°.8/30.1 18

5 31	19 10.02	−33 37.9	1.228	2.130	16.5	16.2
6 10	19 2.88	−34 27.4	1.184	2.141	12.2	16.0
6 20	18 52.55	−35 6.7	1.160	2.152	8.0	15.7
6 30	18 40.45	−35 28.8	1.159	2.163	5.8	15.7
7 10	18 28.44	−35 30.2	1.183	2.175	7.9	15.8
7 20	18 18.30	−35 12.2	1.229	2.187	11.9	16.1
7 30	18 11.32	−34 39.9	1.296	2.198	15.8	16.3
8 9	18 8.13	−33 59.3	1.380	2.210	19.2	16.6

290386 2005 SS_{293} 6 30.7 344°.16 3°.3/30.9 18

5 31	19 0.94	−15 26.5	1.903	2.790	12.2	19.7
6 10	18 55.52	−14 53.2	1.835	2.786	9.0	19.4
6 20	18 48.35	−14 25.6	1.790	2.782	5.6	19.2
6 30	18 40.17	−14 4.8	1.770	2.779	3.3	19.1
7 10	18 31.91	−13 51.0	1.778	2.776	5.0	19.2
7 20	18 24.50	−13 44.4	1.811	2.773	8.4	19.4
7 30	18 18.72	−13 44.4	1.868	2.771	11.7	19.6
8 9	18 15.14	−13 50.0	1.946	2.769	14.7	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
488592 2002 QS_{38}			6 30.7 335°.43		1°.2/30.9 17	
	h m	° ′			°	m
5 31	19 0.36	−20 16.1	1.097	2.017	16.5	20.8
6 10	18 56.29	−20 19.4	1.030	2.000	11.9	20.5
6 20	18 49.24	−20 29.2	0.982	1.985	6.6	20.1
6 30	18 40.24	−20 43.7	0.955	1.971	1.3	19.8
7 10	18 30.85	−21 0.6	0.951	1.959	5.7	20.0
7 20	18 22.70	−21 18.1	0.968	1.947	11.4	20.3
7 30	18 17.24	−21 35.1	1.005	1.937	16.6	20.5
8 9	18 15.36	−21 51.1	1.059	1.928	21.0	20.8
335579 2006 DK_{20}			6 30.7 217°.69		0°.3/30.8 17	
5 31	19 3.93	−21 15.2	1.808	2.701	12.5	21.6
6 10	18 57.80	−21 32.7	1.741	2.700	8.9	21.4
6 20	18 49.64	−21 53.4	1.697	2.698	4.7	21.1
6 30	18 40.26	−22 15.2	1.679	2.696	0.5	20.8
7 10	18 30.74	−22 35.9	1.689	2.694	4.1	21.1
7 20	18 22.15	−22 54.2	1.724	2.692	8.3	21.3
7 30	18 15.43	−23 9.9	1.784	2.690	12.0	21.5
8 9	18 11.20	−23 23.0	1.864	2.687	15.2	21.7
213822 2003 QZ_{55}			6 30.7 278°.94		1°.8/ 1.1 18	
5 31	19 5.10	−17 37.1	1.472	2.368	14.6	20.0
6 10	18 59.21	−17 57.4	1.389	2.348	10.6	19.7
6 20	18 50.68	−18 26.9	1.328	2.327	6.0	19.4
6 30	18 40.35	−19 3.6	1.291	2.306	1.9	19.1
7 10	18 29.49	−19 44.2	1.280	2.285	5.1	19.3
7 20	18 19.49	−20 26.1	1.294	2.264	10.1	19.5
7 30	18 11.67	−21 6.9	1.330	2.243	14.8	19.7
8 9	18 6.91	−21 45.6	1.385	2.221	18.8	19.9
299419 2005 YS_{102}			6 30.7 286°.64		1°.0/30.9 17	
5 31	19 5.93	−20 28.2	1.262	2.168	15.9	21.1
6 10	19 0.15	−20 35.1	1.182	2.147	11.5	20.8
6 20	18 51.32	−20 47.6	1.123	2.125	6.3	20.5
6 30	18 40.40	−21 3.4	1.087	2.104	1.1	20.1
7 10	18 28.88	−21 20.1	1.076	2.082	5.5	20.3
7 20	18 18.42	−21 36.0	1.087	2.060	11.2	20.5
7 30	18 10.54	−21 50.6	1.120	2.039	16.4	20.8
8 9	18 6.21	−22 4.2	1.170	2.017	20.9	21.0
70074 1999 JY_{54}			6 30.7 355°.26		4°.9/29.8 18	
5 31	19 3.91	−29 37.5	1.082	2.000	16.8	17.6
6 10	18 58.98	−30 44.6	1.028	1.996	12.3	17.3
6 20	18 50.73	−31 49.1	0.993	1.993	7.5	17.0
6 30	18 40.35	−32 42.4	0.981	1.991	4.9	16.9
7 10	18 29.70	−33 18.5	0.991	1.989	7.8	17.0
7 20	18 20.63	−33 35.2	1.022	1.989	12.5	17.3
7 30	18 14.69	−33 34.7	1.073	1.990	17.1	17.6
8 9	18 12.71	−33 21.8	1.140	1.992	21.0	17.8
342896 2008 YW_{101}			6 30.7 186°.69		1°.0/30.9 18	
5 31	19 2.86	−19 31.5	2.027	2.915	11.6	21.6
6 10	18 56.84	−19 40.0	1.960	2.915	8.2	21.4
6 20	18 49.05	−19 52.3	1.916	2.915	4.5	21.1
6 30	18 40.23	−20 7.0	1.899	2.914	1.1	20.9
7 10	18 31.31	−20 22.8	1.909	2.914	3.8	21.1
7 20	18 23.21	−20 38.5	1.947	2.913	7.6	21.3
7 30	18 16.76	−20 53.6	2.009	2.912	11.0	21.5
8 9	18 12.50	−21 8.0	2.093	2.911	13.9	21.7
34586 2000 SK_{352}			6 30.7 54°.60		0°.3/30.7 18	
5 31	19 2.37	−21 40.6	2.020	2.911	11.4	18.4
6 10	18 56.55	−22 23.0	1.957	2.915	8.1	18.1
6 20	18 48.92	−23 8.9	1.918	2.919	4.3	17.9
6 30	18 40.22	−23 55.2	1.906	2.923	0.4	17.6
7 10	18 31.40	−24 38.8	1.922	2.927	3.8	17.9
7 20	18 23.40	−25 17.8	1.965	2.931	7.5	18.1
7 30	18 17.05	−25 51.2	2.033	2.935	10.9	18.4
8 9	18 12.93	−26 19.1	2.122	2.939	13.8	18.6
477015 2008 YV_{156}			6 30.7 197°.04		0°.3/30.7 17	
5 31	19 3.95	−23 56.9	2.158	3.046	11.0	22.1
6 10	18 57.55	−23 58.8	2.088	3.044	7.7	21.9
6 20	18 49.41	−24 0.5	2.042	3.042	4.1	21.6
6 30	18 40.26	−24 0.4	2.024	3.040	0.4	21.3
7 10	18 31.04	−23 57.5	2.033	3.038	3.6	21.6
7 20	18 22.65	−23 51.8	2.070	3.035	7.3	21.8
7 30	18 15.89	−23 44.0	2.132	3.032	10.6	22.0
8 9	18 11.31	−23 35.1	2.216	3.029	13.4	22.2
329470 2002 QU_{38}			6 30.7 283°.01		0°.5/30.8 17	
5 31	19 5.89	−21 21.2	1.601	2.497	13.7	21.1
6 10	18 59.73	−21 29.6	1.509	2.468	9.9	20.8
6 20	18 50.97	−21 41.6	1.439	2.440	5.4	20.5
6 30	18 40.40	−21 55.1	1.394	2.410	0.6	20.0
7 10	18 29.25	−22 7.8	1.375	2.381	4.8	20.3
7 20	18 18.88	−22 18.7	1.382	2.351	9.8	20.5
7 30	18 10.57	−22 27.5	1.412	2.320	14.4	20.7
8 9	18 5.24	−22 35.0	1.461	2.290	18.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
492369 2014 HY_{88}			6 30.7 353°.60		6°.6/ 1.9 16	
	h m	° ′			°	m
5 31	18 59.22	− 6 12.1	1.819	2.685	13.7	20.8
6 10	18 54.36	− 5 40.5	1.754	2.682	10.9	20.6
6 20	18 47.77	− 5 23.4	1.711	2.680	8.2	20.5
6 30	18 40.16	− 5 22.5	1.692	2.678	6.7	20.4
7 10	18 32.45	− 5 37.9	1.698	2.676	7.4	20.4
7 20	18 25.54	− 6 8.1	1.728	2.675	9.8	20.6
7 30	18 20.23	− 6 50.1	1.782	2.675	12.7	20.7
8 9	18 17.08	− 7 40.2	1.856	2.675	15.4	20.9
72373 2001 CE_{5}			6 30.7 137°.48		1°.2/30.5 18	
5 31	19 7.94	−24 48.4	1.727	2.618	13.1	19.0
6 10	19 0.64	−25 18.5	1.670	2.628	9.2	18.8
6 20	18 51.14	−25 48.5	1.638	2.638	5.0	18.6
6 30	18 40.39	−26 14.9	1.632	2.647	1.2	18.4
7 10	18 29.62	−26 35.0	1.653	2.656	4.5	18.6
7 20	18 20.01	−26 48.0	1.701	2.665	8.7	18.9
7 30	18 12.54	−26 54.6	1.772	2.672	12.4	19.1
8 9	18 7.83	−26 56.6	1.865	2.680	15.5	19.3
280966 2006 CP_{60}			6 30.7 66°.43		1°.3/ 1.1 17	
5 31	19 4.48	−17 40.6	1.611	2.504	13.8	20.3
6 10	18 58.16	−18 18.0	1.565	2.523	9.8	20.1
6 20	18 49.79	−19 2.7	1.542	2.541	5.4	19.9
6 30	18 40.30	−19 51.4	1.545	2.560	1.4	19.7
7 10	18 30.86	−20 40.7	1.574	2.579	4.3	19.9
7 20	18 22.57	−21 27.6	1.629	2.598	8.5	20.2
7 30	18 16.33	−22 10.6	1.708	2.617	12.3	20.5
8 9	18 12.69	−22 48.9	1.808	2.636	15.4	20.7
488340 2016 VH_{16}			6 30.7 255°.72		4°.0/ 1.0 18	
5 31	19 1.47	−11 38.6	2.430	3.296	10.7	21.7
6 10	18 55.67	−11 1.9	2.345	3.281	8.1	21.5
6 20	18 48.39	−10 31.7	2.285	3.266	5.6	21.3
6 30	18 40.22	−10 9.1	2.252	3.251	4.0	21.2
7 10	18 31.90	− 9 55.0	2.247	3.235	5.1	21.2
7 20	18 24.16	− 9 49.3	2.269	3.219	7.7	21.4
7 30	18 17.70	− 9 51.5	2.317	3.202	10.5	21.5
8 9	18 13.03	−10 0.5	2.386	3.186	13.0	21.7
367152 2006 UP_{143}			6 30.7 282°.39		3°.6/ 1.1 18	
5 31	19 4.78	−15 6.2	1.563	2.452	14.3	21.4
6 10	18 58.86	−14 48.6	1.474	2.426	10.6	21.1
6 20	18 50.47	−14 38.9	1.407	2.401	6.6	20.8
6 30	18 40.39	−14 37.8	1.364	2.374	3.7	20.6
7 10	18 29.81	−14 44.7	1.347	2.348	5.8	20.7
7 20	18 20.01	−14 59.1	1.355	2.321	10.3	20.8
7 30	18 12.21	−15 19.7	1.386	2.294	14.7	21.0
8 9	18 7.26	−15 44.9	1.436	2.266	18.6	21.2
327194 2005 MG_{30}			6 30.7 290°.46		4°.5/ 1.5 18	
5 31	19 2.92	−12 13.9	1.521	2.409	14.7	20.9
6 10	18 57.44	−12 8.6	1.445	2.395	11.1	20.7
6 20	18 49.63	−12 15.9	1.391	2.381	7.2	20.4
6 30	18 40.32	−12 35.9	1.361	2.367	4.5	20.2
7 10	18 30.69	−13 7.3	1.355	2.354	6.2	20.3
7 20	18 21.95	−13 47.9	1.375	2.340	10.1	20.5
7 30	18 15.21	−14 34.7	1.417	2.327	14.2	20.7
8 9	18 11.23	−15 24.7	1.478	2.314	17.9	20.9
309704 Baruffetti			6 30.7 211°.90		3°.6/29.8 18	
5 31	19 3.97	−32 28.2	2.300	3.183	10.6	20.4
6 10	18 57.69	−33 14.4	2.233	3.182	7.8	20.2
6 20	18 49.56	−33 56.0	2.190	3.180	5.0	20.0
6 30	18 40.32	−34 28.9	2.175	3.178	3.6	19.9
7 10	18 30.93	−34 50.7	2.187	3.176	5.1	20.0
7 20	18 22.33	−35 0.7	2.226	3.174	7.9	20.2
7 30	18 15.39	−35 0.1	2.290	3.171	10.7	20.4
8 9	18 10.71	−34 51.1	2.375	3.169	13.2	20.6
423041 2003 UF_{103}			6 30.7 268°.79		1°.5/30.5 18	
5 31	19 7.62	−25 17.7	1.642	2.536	13.5	21.1
6 10	19 0.99	−25 49.0	1.553	2.512	9.7	20.8
6 20	18 51.66	−26 21.5	1.487	2.487	5.3	20.5
6 30	18 40.49	−26 51.1	1.446	2.461	1.6	20.2
7 10	18 28.74	−27 14.2	1.432	2.435	5.1	20.3
7 20	18 17.82	−27 29.0	1.444	2.408	9.8	20.5
7 30	18 9.06	−27 35.9	1.479	2.381	14.2	20.7
8 9	18 3.35	−27 37.0	1.533	2.353	18.1	20.9
349738 2008 YB_{110}			6 30.7 168°.45		1°.0/30.9 18	
5 31	19 2.82	−19 18.4	1.976	2.865	11.8	21.3
6 10	18 56.88	−19 35.9	1.909	2.865	8.4	21.1
6 20	18 49.12	−19 58.0	1.867	2.866	4.6	20.8
6 30	18 40.30	−20 22.9	1.851	2.866	1.0	20.6
7 10	18 31.36	−20 48.6	1.862	2.867	3.8	20.8
7 20	18 23.26	−21 13.6	1.900	2.867	7.7	21.0
7 30	18 16.83	−21 37.0	1.963	2.868	11.2	21.2
8 9	18 12.64	−21 58.7	2.048	2.868	14.1	21.4

509154 2006 CK_{18} 6 30.7 234.°80 1.°8/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.52	−17 11.3	2.247	3.125	11.0	23.2
6 10	18 58.02	−17 16.8	2.160	3.109	8.0	23.0
6 20	18 49.75	−17 27.3	2.097	3.093	4.6	22.8
6 30	18 40.36	−17 42.0	2.062	3.076	1.8	22.5
7 10	18 30.72	−17 59.7	2.056	3.058	3.9	22.7
7 20	18 21.71	−18 19.2	2.077	3.040	7.5	22.8
7 30	18 14.16	−18 39.7	2.125	3.020	10.8	23.0
8 9	18 8.68	−19 0.7	2.194	3.001	13.8	23.2

508608 2017 SG_{22} 6 30.7 334.°49 1.°0/30.7 17

5 31	19 4.89	−26 12.2	1.160	2.074	16.3	20.7
6 10	18 59.39	−25 54.5	1.096	2.064	11.6	20.4
6 20	18 50.84	−25 32.8	1.052	2.055	6.3	20.1
6 30	18 40.44	−25 5.3	1.031	2.047	1.0	19.7
7 10	18 29.85	−24 31.7	1.032	2.039	5.6	20.0
7 20	18 20.75	−23 54.0	1.057	2.033	11.1	20.3
7 30	18 14.50	−23 15.5	1.102	2.027	16.1	20.5
8 9	18 11.85	−22 39.2	1.165	2.022	20.3	20.8

46713 1997 GO_{19} 6 30.7 128.°04 0.°4/30.7 18

5 31	19 6.75	−23 42.9	1.598	2.494	13.7	19.3
6 10	18 59.93	−23 50.9	1.540	2.500	9.7	19.1
6 20	18 50.84	−23 59.4	1.504	2.505	5.1	18.8
6 30	18 40.44	−24 5.8	1.494	2.511	0.5	18.5
7 10	18 30.03	−24 8.6	1.511	2.516	4.5	18.8
7 20	18 20.82	−24 7.5	1.553	2.521	9.0	19.1
7 30	18 13.84	−24 3.4	1.619	2.526	12.9	19.3
8 9	18 9.68	−23 57.7	1.705	2.531	16.3	19.6

258676 2002 EG_{130} 6 30.7 103.°39 7.°2/ 2.4 17

5 31	19 0.07	− 0 4.9	2.458	3.282	12.0	20.7
6 10	18 54.52	+ 0 31.2	2.404	3.295	9.9	20.5
6 20	18 47.71	+ 0 52.6	2.373	3.308	8.1	20.4
6 30	18 40.23	+ 0 57.6	2.367	3.321	7.2	20.4
7 10	18 32.76	+ 0 46.1	2.387	3.334	7.5	20.4
7 20	18 25.96	+ 0 19.7	2.433	3.347	8.9	20.6
7 30	18 20.40	− 0 19.3	2.503	3.359	10.8	20.7
8 9	18 16.51	− 1 7.3	2.594	3.371	12.6	20.9

435203 2007 RC_{175} 6 30.7 346.°13 1.°5/30.4 17

5 31	19 3.36	−25 18.7	1.723	2.621	12.7	20.9
6 10	18 57.58	−25 52.2	1.658	2.619	9.0	20.7
6 20	18 49.63	−26 26.0	1.616	2.617	4.9	20.4
6 30	18 40.37	−26 56.7	1.600	2.615	1.5	20.2
7 10	18 30.95	−27 21.4	1.610	2.614	4.6	20.4
7 20	18 22.52	−27 38.9	1.646	2.612	8.7	20.7
7 30	18 16.08	−27 49.3	1.706	2.611	12.5	20.9
8 9	18 12.28	−27 54.1	1.785	2.611	15.7	21.1

384070 2008 UG_{353} 6 30.8 21.°56 4.°6/29.6 17

5 31	19 5.20	−31 21.6	1.601	2.498	13.5	20.2
6 10	18 59.14	−32 30.0	1.545	2.501	9.9	20.0
6 20	18 50.56	−33 33.9	1.511	2.504	6.4	19.8
6 30	18 40.45	−34 27.1	1.503	2.508	4.6	19.7
7 10	18 30.16	−35 4.9	1.520	2.512	6.6	19.8
7 20	18 21.03	−35 26.2	1.563	2.516	10.2	20.0
7 30	18 14.24	−35 32.4	1.627	2.521	13.7	20.3
8 9	18 10.50	−35 27.1	1.711	2.526	16.7	20.5

292302 2006 ST_{148} 6 30.8 113.°76 0.°9/30.9 17

5 31	19 7.03	−20 44.7	1.676	2.566	13.4	21.4
6 10	18 59.93	−20 43.4	1.623	2.580	9.5	21.2
6 20	18 50.75	−20 44.9	1.594	2.594	5.1	21.0
6 30	18 40.46	−20 47.6	1.591	2.607	1.0	20.7
7 10	18 30.25	−20 50.4	1.615	2.620	4.3	21.0
7 20	18 21.23	−20 52.9	1.665	2.633	8.5	21.3
7 30	18 14.32	−20 55.2	1.740	2.645	12.3	21.6
8 9	18 10.06	−20 57.7	1.834	2.656	15.5	21.8

403191 2008 KN_{33} 6 30.8 287.°75 2.°5/ 1.4 18

5 31	19 0.12	−14 24.0	2.304	3.182	10.7	21.0
6 10	18 54.81	−14 35.5	2.230	3.178	7.9	20.8
6 20	18 47.99	−14 54.4	2.181	3.173	4.8	20.6
6 30	18 40.28	−15 19.9	2.159	3.169	2.5	20.5
7 10	18 32.44	−15 50.5	2.164	3.165	4.0	20.5
7 20	18 25.23	−16 24.7	2.197	3.160	7.0	20.7
7 30	18 19.36	−17 0.8	2.255	3.156	10.1	20.9
8 9	18 15.34	−17 37.3	2.336	3.152	12.7	21.1

282019 2011 HP_{82} 6 30.8 30.°10 5.°3/29.0 17

5 31	19 6.53	−31 46.9	1.575	2.471	13.8	19.7
6 10	19 0.22	−33 22.8	1.520	2.475	10.2	19.5
6 20	18 51.22	−34 54.8	1.489	2.479	6.8	19.3
6 30	18 40.52	−36 14.7	1.483	2.484	5.3	19.3
7 10	18 29.53	−37 16.5	1.503	2.489	7.4	19.4
7 20	18 19.71	−37 57.7	1.547	2.494	10.8	19.6
7 30	18 12.32	−38 19.9	1.614	2.499	14.2	19.8
8 9	18 8.14	−38 26.8	1.700	2.505	17.2	20.1

247246 2001 RB_{33} 6 30.8 286.°74 6.°5/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 3.05	− 7 55.6	1.630	2.502	14.7	20.8
6 10	18 57.53	− 7 29.7	1.542	2.477	11.6	20.5
6 20	18 49.75	− 7 18.1	1.475	2.452	8.5	20.3
6 30	18 40.43	− 7 22.9	1.432	2.426	6.6	20.1
7 10	18 30.64	− 7 44.7	1.414	2.400	7.7	20.1
7 20	18 21.55	− 8 21.9	1.420	2.374	11.0	20.2
7 30	18 14.27	− 9 11.8	1.449	2.348	14.7	20.4
8 9	18 9.61	−10 10.1	1.498	2.322	18.2	20.5

383295 2006 EL_{28} 6 30.8 226.°81 1.°8/ 1.1 18

5 31	19 3.96	−17 30.8	2.111	2.993	11.5	21.9
6 10	18 57.68	−17 34.7	2.032	2.983	8.3	21.7
6 20	18 49.59	−17 43.8	1.977	2.973	4.7	21.5
6 30	18 40.41	−17 57.0	1.949	2.963	1.8	21.2
7 10	18 31.02	−18 13.1	1.949	2.952	4.0	21.4
7 20	18 22.35	−18 31.1	1.976	2.940	7.6	21.6
7 30	18 15.24	−18 50.1	2.029	2.928	11.1	21.8
8 9	18 10.29	−19 9.5	2.103	2.916	14.1	21.9

235742 2004 TH_{297} 6 30.8 272.°16 4.°6/30.0 18

5 31	19 7.44	−34 5.8	1.856	2.741	12.6	20.6
6 10	19 0.67	−34 39.2	1.774	2.722	9.4	20.3
6 20	18 51.41	−35 5.4	1.715	2.703	6.3	20.1
6 30	18 40.55	−35 19.4	1.682	2.684	4.6	20.0
7 10	18 29.34	−35 18.4	1.675	2.665	6.3	20.0
7 20	18 19.11	−35 2.1	1.694	2.645	9.7	20.2
7 30	18 11.02	−34 33.1	1.737	2.625	13.2	20.4
8 9	18 5.87	−33 55.8	1.800	2.605	16.3	20.5

504934 2011 CQ_{45} 6 30.8 230.°72 0.°0/30.6 17

5 31	19 6.29	−21 41.3	1.979	2.864	11.9	22.6
6 10	18 59.53	−22 7.0	1.897	2.852	8.5	22.3
6 20	18 50.68	−22 35.8	1.839	2.839	4.6	22.1
6 30	18 40.51	−23 5.2	1.808	2.825	0.3	21.7
7 10	18 30.02	−23 32.6	1.806	2.810	4.0	22.0
7 20	18 20.30	−23 56.5	1.830	2.795	8.1	22.2
7 30	18 12.32	−24 16.5	1.880	2.779	11.9	22.4
8 9	18 6.79	−24 32.9	1.952	2.763	15.1	22.6

203355 2001 VT_{59} 6 30.8 208.°74 0.°8/30.7 17

5 31	19 8.78	−25 5.4	1.511	2.407	14.3	20.7
6 10	19 1.62	−25 4.9	1.444	2.404	10.2	20.5
6 20	18 51.87	−25 2.9	1.399	2.400	5.5	20.2
6 30	18 40.59	−24 56.9	1.380	2.396	0.8	19.8
7 10	18 29.17	−24 45.6	1.387	2.392	4.8	20.1
7 20	18 19.00	−24 29.4	1.419	2.387	9.6	20.4
7 30	18 11.25	−24 10.4	1.474	2.382	14.0	20.6
8 9	18 6.61	−23 50.8	1.549	2.376	17.6	20.9

184303 2005 EP_{181} 6 30.8 32.°83 1.°4/30.5 17

5 31	19 4.62	−23 55.8	1.117	2.033	16.6	19.4
6 10	18 59.08	−24 37.2	1.074	2.043	11.7	19.1
6 20	18 50.61	−25 21.1	1.050	2.053	6.3	18.9
6 30	18 40.49	−26 1.9	1.049	2.065	1.5	18.6
7 10	18 30.39	−26 35.2	1.071	2.077	5.7	18.9
7 20	18 21.91	−26 59.2	1.116	2.090	10.9	19.2
7 30	18 16.28	−27 14.2	1.182	2.104	15.5	19.5
8 9	18 14.16	−27 22.1	1.265	2.118	19.3	19.8

472710 2015 FW_{42} 6 30.8 260.°07 5.°4/ 1.5 16

5 31	19 2.26	− 9 41.5	1.841	2.713	13.3	21.5
6 10	18 56.54	− 9 9.9	1.773	2.710	10.2	21.3
6 20	18 49.00	− 8 49.4	1.728	2.707	7.2	21.1
6 30	18 40.39	− 8 41.4	1.708	2.705	5.4	21.0
7 10	18 31.67	− 8 46.2	1.715	2.702	6.5	21.0
7 20	18 23.78	− 9 2.8	1.746	2.699	9.3	21.2
7 30	18 17.57	− 9 29.1	1.802	2.696	12.5	21.4
8 9	18 13.61	−10 2.5	1.877	2.693	15.4	21.6

33291 1998 KP_{9} 6 30.8 91.°58 8.°7/28.9 18

5 31	19 11.27	−43 23.3	1.740	2.606	14.2	18.3
6 10	19 3.61	−44 41.2	1.693	2.615	11.6	18.1
6 20	18 53.01	−45 43.3	1.668	2.623	9.5	18.0
6 30	18 40.68	−46 22.0	1.667	2.632	8.8	18.0
7 10	18 28.26	−46 33.7	1.690	2.640	9.8	18.1
7 20	18 17.35	−46 19.5	1.737	2.648	12.0	18.2
7 30	18 9.25	−45 44.2	1.805	2.657	14.5	18.4
8 9	18 4.66	−44 54.8	1.892	2.665	16.8	18.6

434774 2006 KU_{62} 6 30.8 322.°49 1.°9/ 1.2 18

5 31	19 1.22	−17 17.8	1.569	2.467	13.7	20.8
6 10	18 56.27	−17 33.4	1.493	2.452	10.0	20.6
6 20	18 49.06	−17 57.4	1.439	2.438	5.7	20.3
6 30	18 40.41	−18 28.3	1.409	2.424	2.0	20.0
7 10	18 31.44	−19 3.7	1.405	2.411	4.7	20.2
7 20	18 23.33	−19 41.2	1.426	2.398	9.2	20.4
7 30	18 17.17	−20 18.6	1.470	2.386	13.4	20.6
8 9	18 13.72	−20 54.6	1.533	2.374	17.1	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
311977 2007 EV_{82}			6 30.8 213°.77	1°.2/30.6 18		
	h m	° ′			°	m
5 31	19 2.59	−26 41.7	2.311	3.199	10.3	20.8
6 10	18 56.58	−26 46.5	2.242	3.198	7.3	20.6
6 20	18 48.95	−26 49.1	2.198	3.198	4.0	20.4
6 30	18 40.40	−26 48.0	2.182	3.197	1.2	20.2
7 10	18 31.80	−26 42.3	2.193	3.196	3.6	20.4
7 20	18 23.99	−26 31.9	2.232	3.196	6.9	20.6
7 30	18 17.71	−26 17.9	2.296	3.195	10.0	20.8
8 9	18 13.48	−26 1.8	2.383	3.194	12.6	21.0
111583 2002 AV_{40}			6 30.8 144°.17	0°.5/30.8 17		
5 31	19 7.52	−21 55.7	1.458	2.355	14.6	19.9
6 10	19 0.66	−21 53.9	1.399	2.359	10.4	19.7
6 20	18 51.33	−21 54.2	1.362	2.363	5.6	19.4
6 30	18 40.57	−21 54.7	1.350	2.366	0.7	19.0
7 10	18 29.78	−21 53.9	1.364	2.370	4.7	19.4
7 20	18 20.27	−21 51.8	1.403	2.373	9.6	19.6
7 30	18 13.15	−21 48.9	1.465	2.375	13.8	19.9
8 9	18 9.05	−21 46.2	1.546	2.378	17.4	20.1
42757 1998 SY_{67}			6 30.8 184°.36	0°.2/30.8 18		
5 31	19 2.23	−24 11.9	2.506	3.391	9.7	19.4
6 10	18 56.18	−24 4.0	2.435	3.391	6.9	19.2
6 20	18 48.69	−23 55.4	2.391	3.390	3.7	19.0
6 30	18 40.39	−23 45.1	2.374	3.390	0.3	18.7
7 10	18 32.06	−23 32.7	2.385	3.390	3.2	19.0
7 20	18 24.44	−23 18.4	2.425	3.389	6.4	19.2
7 30	18 18.22	−23 3.0	2.490	3.388	9.3	19.4
8 9	18 13.85	−22 47.4	2.579	3.388	11.9	19.5
433183 2012 TH_{315}			6 30.8 275°.57	5°.3/ 2.0 18		
5 31	19 2.40	− 7 54.3	1.931	2.795	13.1	21.0
6 10	18 56.79	− 7 55.8	1.842	2.774	10.2	20.8
6 20	18 49.25	− 8 11.3	1.776	2.753	7.3	20.6
6 30	18 40.44	− 8 41.5	1.736	2.732	5.3	20.4
7 10	18 31.29	− 9 25.4	1.722	2.711	6.3	20.4
7 20	18 22.74	−10 20.5	1.734	2.689	9.2	20.6
7 30	18 15.74	−11 23.6	1.771	2.667	12.6	20.7
8 9	18 10.96	−12 31.1	1.829	2.645	15.7	20.9
80973 2000 EQ			6 30.8 184°.44	2°.1/30.4 17		
5 31	19 7.64	−27 41.7	1.908	2.795	12.2	20.4
6 10	19 0.47	−28 7.9	1.841	2.796	8.7	20.2
6 20	18 51.16	−28 31.7	1.798	2.796	4.9	19.9
6 30	18 40.57	−28 49.4	1.782	2.795	2.1	19.7
7 10	18 29.87	−28 58.9	1.793	2.794	4.6	19.9
7 20	18 20.17	−28 59.8	1.831	2.792	8.4	20.1
7 30	18 12.46	−28 53.5	1.894	2.790	11.9	20.3
8 9	18 7.38	−28 42.2	1.978	2.787	15.0	20.5
271698 2004 RL_{146}			6 30.8 230°.55	3°.2/30.1 18		
5 31	19 3.85	−34 10.4	2.856	3.729	9.1	21.7
6 10	18 57.38	−34 32.3	2.776	3.718	6.7	21.6
6 20	18 49.37	−34 48.4	2.721	3.707	4.4	21.4
6 30	18 40.44	−34 56.3	2.694	3.695	3.2	21.3
7 10	18 31.39	−34 54.4	2.696	3.683	4.4	21.4
7 20	18 23.00	−34 43.0	2.726	3.671	6.8	21.5
7 30	18 15.97	−34 23.2	2.782	3.658	9.2	21.7
8 9	18 10.82	−33 57.3	2.860	3.645	11.4	21.8
354203 2002 EW_{120}			6 30.8 295°.39	11°.6/29.2 18		
5 31	19 18.28	−58 28.5	2.260	3.042	14.1	20.2
6 10	19 8.76	−59 19.6	2.199	3.033	12.8	20.1
6 20	18 55.81	−59 47.8	2.158	3.025	11.9	20.0
6 30	18 40.90	−59 46.0	2.138	3.016	11.6	20.0
7 10	18 26.06	−59 11.5	2.141	3.007	12.0	20.0
7 20	18 13.22	−58 6.7	2.166	2.999	13.1	20.0
7 30	18 3.79	−56 37.7	2.211	2.990	14.5	20.1
8 9	17 58.40	−54 52.8	2.275	2.982	16.0	20.2
208430 2001 TQ_{51}			6 30.8 234°.16	1°.6/30.5 17		
5 31	19 9.00	−25 38.1	1.650	2.542	13.5	21.3
6 10	19 1.85	−26 6.7	1.571	2.529	9.7	21.0
6 20	18 52.10	−26 35.3	1.516	2.516	5.3	20.7
6 30	18 40.66	−26 59.8	1.487	2.502	1.6	20.5
7 10	18 28.84	−27 17.1	1.484	2.487	4.9	20.7
7 20	18 18.01	−27 26.1	1.508	2.472	9.5	20.9
7 30	18 9.42	−27 27.5	1.555	2.456	13.8	21.1
8 9	18 3.87	−27 23.8	1.622	2.439	17.4	21.3
253908 2004 BZ_{158}			6 30.8 158°.86	2°.7/ 1.2 17		
5 31	19 5.96	−15 40.2	1.921	2.799	12.5	21.7
6 10	18 59.07	−15 34.1	1.858	2.806	9.1	21.5
6 20	18 50.32	−15 34.6	1.819	2.812	5.4	21.3
6 30	18 40.53	−15 41.1	1.807	2.818	2.7	21.1
7 10	18 30.70	−15 52.7	1.822	2.823	4.6	21.3
7 20	18 21.79	−16 8.2	1.865	2.827	8.2	21.5
7 30	18 14.67	−16 26.7	1.932	2.830	11.6	21.7
8 9	18 9.87	−16 47.2	2.021	2.833	14.6	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
509129 2005 YA_{222}			6 30.8 155°.10	0°.5/30.7 18		
	h m	° ′			°	m
5 31	19 1.97	−24 46.6	2.637	3.521	9.4	22.0
6 10	18 55.95	−24 48.8	2.570	3.525	6.6	21.8
6 20	18 48.56	−24 50.3	2.529	3.529	3.5	21.6
6 30	18 40.40	−24 49.6	2.516	3.532	0.5	21.3
7 10	18 32.23	−24 46.3	2.531	3.535	3.1	21.6
7 20	18 24.74	−24 40.1	2.575	3.538	6.1	21.8
7 30	18 18.58	−24 31.7	2.645	3.541	8.9	22.0
8 9	18 14.20	−24 21.9	2.738	3.544	11.3	22.1
351921 2006 SO_{388}			6 30.8 147°.11	2°.3/ 1.4 16		
5 31	19 1.57	−14 37.3	2.268	3.145	10.9	21.9
6 10	18 55.83	−14 52.9	2.201	3.148	8.0	21.7
6 20	18 48.56	−15 15.8	2.159	3.151	4.8	21.5
6 30	18 40.42	−15 45.0	2.144	3.154	2.4	21.3
7 10	18 32.18	−16 18.8	2.157	3.157	3.9	21.4
7 20	18 24.64	−16 55.3	2.197	3.160	7.0	21.6
7 30	18 18.50	−17 32.9	2.263	3.163	10.1	21.8
8 9	18 14.27	−18 10.3	2.352	3.165	12.7	22.0
334434 2002 GT_{116}			6 30.8 156°.82	6°.3/ 2.1 18		
5 31	19 2.67	− 4 55.5	2.079	2.928	12.9	21.0
6 10	18 56.63	− 4 32.0	2.016	2.933	10.3	20.8
6 20	18 49.00	− 4 22.4	1.975	2.937	7.8	20.7
6 30	18 40.46	− 4 28.0	1.961	2.942	6.4	20.6
7 10	18 31.86	− 4 48.6	1.972	2.945	7.0	20.6
7 20	18 24.02	− 5 22.4	2.010	2.949	9.2	20.8
7 30	18 17.69	− 6 6.6	2.072	2.952	11.7	20.9
8 9	18 13.38	− 6 57.9	2.155	2.954	14.2	21.1
271905 2004 XR_{4}			6 30.8 300°.22	5°.1/29.2 18		
5 31	19 5.90	−31 54.7	1.633	2.528	13.5	19.7
6 10	18 59.92	−33 14.3	1.559	2.514	10.0	19.4
6 20	18 51.21	−34 31.3	1.508	2.499	6.6	19.2
6 30	18 40.63	−35 38.4	1.482	2.485	5.1	19.1
7 10	18 29.55	−36 29.7	1.482	2.470	7.2	19.1
7 20	18 19.40	−37 2.5	1.507	2.456	10.8	19.3
7 30	18 11.56	−37 17.6	1.554	2.442	14.5	19.5
8 9	18 6.91	−37 18.7	1.620	2.429	17.7	19.7
160940 2002 AK_{5}			6 30.8 225°.42	0°.4/30.7 18		
5 31	19 5.62	−23 0.2	2.207	3.091	10.9	21.0
6 10	18 58.91	−23 26.3	2.125	3.079	7.8	20.7
6 20	18 50.33	−23 54.1	2.067	3.067	4.2	20.5
6 30	18 40.56	−24 21.1	2.037	3.054	0.5	20.2
7 10	18 30.54	−24 45.1	2.036	3.040	3.7	20.4
7 20	18 21.21	−25 4.9	2.063	3.026	7.5	20.6
7 30	18 13.46	−25 20.3	2.116	3.011	10.9	20.8
8 9	18 7.92	−25 31.9	2.190	2.995	13.8	21.0
40578 1999 RT_{134}			6 30.8 263°.07	1°.7/ 1.1 18		
5 31	19 1.43	−17 37.2	2.509	3.388	9.9	19.1
6 10	18 55.75	−17 33.3	2.419	3.369	7.2	18.9
6 20	18 48.56	−17 33.4	2.354	3.350	4.2	18.7
6 30	18 40.43	−17 36.9	2.317	3.330	1.7	18.5
7 10	18 32.11	−17 43.2	2.308	3.311	3.5	18.6
7 20	18 24.32	−17 51.6	2.328	3.291	6.7	18.7
7 30	18 17.79	−18 1.8	2.373	3.270	9.8	18.9
8 9	18 13.04	−18 13.3	2.440	3.249	12.5	19.0
358373 2006 XL_{27}			6 30.8 178°.00	0°.7/30.6 18		
5 31	19 2.16	−25 10.4	3.086	3.964	8.3	22.8
6 10	18 55.98	−25 26.3	3.014	3.966	5.8	22.7
6 20	18 48.56	−25 41.6	2.969	3.967	3.1	22.5
6 30	18 40.43	−25 54.7	2.952	3.968	0.7	22.3
7 10	18 32.25	−26 4.5	2.966	3.968	2.8	22.4
7 20	18 24.62	−26 10.7	3.008	3.968	5.5	22.6
7 30	18 18.14	−26 13.4	3.078	3.967	8.0	22.8
8 9	18 13.22	−26 13.3	3.171	3.966	10.2	23.0
398619 2011 YC_{38}			6 30.8 256°.84	3°.8/ 2.1 18		
5 31	19 0.63	− 8 57.2	2.521	3.379	10.6	21.1
6 10	18 55.15	− 9 14.6	2.435	3.366	8.1	20.9
6 20	18 48.23	− 9 42.8	2.373	3.352	5.6	20.8
6 30	18 40.41	−10 21.5	2.339	3.338	3.9	20.6
7 10	18 32.39	−11 9.1	2.333	3.324	4.7	20.7
7 20	18 24.87	−12 3.6	2.355	3.310	7.2	20.8
7 30	18 18.53	−13 2.5	2.403	3.295	9.9	20.9
8 9	18 13.89	−14 3.3	2.475	3.281	12.4	21.1
306966 2001 VK_{21}			6 30.8 244°.65	2°.8/30.2 18		
5 31	19 6.72	−29 3.5	1.836	2.726	12.4	20.8
6 10	19 0.07	−29 40.1	1.760	2.716	9.0	20.6
6 20	18 51.09	−30 13.9	1.708	2.705	5.3	20.4
6 30	18 40.64	−30 40.8	1.682	2.694	2.8	20.2
7 10	18 29.90	−30 57.5	1.684	2.682	5.2	20.3
7 20	18 20.10	−31 3.4	1.711	2.670	9.0	20.5
7 30	18 12.32	−30 59.5	1.762	2.658	12.7	20.7
8 9	18 7.31	−30 48.6	1.834	2.646	15.9	20.9

277579 2005 YE_{214} 6 30.8 203°.80 5°.2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 8.62	−35 3.6	2.004	2.883	12.1	20.8
6 10	19 1.41	−36 12.7	1.936	2.879	9.1	20.6
6 20	18 51.80	−37 15.3	1.893	2.875	6.4	20.5
6 30	18 40.69	−38 5.1	1.877	2.871	5.2	20.4
7 10	18 29.28	−38 38.4	1.888	2.867	6.8	20.5
7 20	18 18.82	−38 53.8	1.925	2.862	9.6	20.6
7 30	18 10.44	−38 53.5	1.985	2.856	12.6	20.8
8 9	18 4.87	−38 41.2	2.066	2.850	15.2	21.0

48237 2001 MJ_{5} 6 30.8 279°.08 6°.8/ 2.3 18

5 31	18 58.53	− 0 1.1	2.672	3.494	11.2	19.3
6 10	18 53.60	+ 0 22.0	2.586	3.476	9.3	19.2
6 20	18 47.38	+ 0 31.6	2.523	3.458	7.7	19.1
6 30	18 40.36	+ 0 25.8	2.484	3.440	6.8	19.0
7 10	18 33.18	+ 0 4.3	2.472	3.422	7.2	19.0
7 20	18 26.45	− 0 31.7	2.486	3.403	8.6	19.0
7 30	18 20.77	− 1 20.1	2.524	3.385	10.6	19.1
8 9	18 16.64	− 2 17.6	2.584	3.366	12.6	19.2

227164 2005 QX_{23} 6 30.8 319°.71 2°.5/30.4 17

5 31	19 3.23	−27 0.6	1.260	2.172	15.4	20.7
6 10	18 58.41	−27 28.6	1.182	2.150	11.1	20.4
6 20	18 50.55	−27 56.1	1.125	2.127	6.3	20.1
6 30	18 40.61	−28 18.4	1.091	2.105	2.5	19.8
7 10	18 30.13	−28 31.5	1.080	2.084	6.0	19.9
7 20	18 20.76	−28 33.9	1.092	2.064	11.3	20.2
7 30	18 14.03	−28 26.9	1.124	2.045	16.2	20.4
8 9	18 10.89	−28 13.3	1.174	2.027	20.5	20.6

509789 2008 UK_{231} 6 30.8 236°.73 1°.2/30.9 18

5 31	19 4.15	−19 27.4	2.020	2.906	11.7	22.2
6 10	18 57.91	−19 27.3	1.942	2.896	8.4	21.9
6 20	18 49.80	−19 30.6	1.888	2.886	4.7	21.7
6 30	18 40.55	−19 36.5	1.860	2.876	1.3	21.4
7 10	18 31.10	−19 43.7	1.861	2.865	3.9	21.6
7 20	18 22.43	−19 51.6	1.888	2.854	7.8	21.8
7 30	18 15.40	−19 59.9	1.940	2.842	11.4	22.0
8 9	18 10.63	−20 8.6	2.014	2.831	14.5	22.2

433696 2014 WA_{311} 6 30.8 305°.33 1°.2/30.7 17

5 31	19 5.51	−25 24.7	1.187	2.099	16.1	20.9
6 10	19 0.13	−25 29.7	1.110	2.077	11.6	20.5
6 20	18 51.51	−25 33.8	1.052	2.055	6.4	20.2
6 30	18 40.69	−25 33.7	1.017	2.034	1.3	19.8
7 10	18 29.30	−25 26.9	1.006	2.012	5.8	20.0
7 20	18 19.12	−25 13.1	1.017	1.992	11.6	20.2
7 30	18 11.75	−24 54.4	1.048	1.972	16.9	20.5
8 9	18 8.17	−24 33.8	1.097	1.952	21.4	20.7

150600 2000 WB_{175} 6 30.8 209°.09 5°.3/ 1.7 18

5 31	18 59.96	− 3 49.9	3.020	3.851	9.8	20.9
6 10	18 54.41	− 3 18.6	2.941	3.845	7.9	20.7
6 20	18 47.73	− 2 57.0	2.887	3.837	6.2	20.6
6 30	18 40.39	− 2 46.5	2.861	3.830	5.3	20.5
7 10	18 32.96	− 2 47.5	2.861	3.822	5.8	20.6
7 20	18 26.00	− 2 59.5	2.889	3.813	7.3	20.6
7 30	18 20.03	− 3 21.1	2.943	3.804	9.2	20.8
8 9	18 15.46	− 3 50.3	3.019	3.794	11.1	20.9

250605 2005 EU_{197} 6 30.8 150°.29 0°.9/30.7 17

5 31	19 8.59	−24 54.0	1.773	2.661	12.9	21.2
6 10	19 1.12	−25 5.7	1.713	2.670	9.1	21.0
6 20	18 51.50	−25 16.5	1.678	2.678	4.9	20.8
6 30	18 40.67	−25 23.7	1.669	2.685	0.9	20.5
7 10	18 29.83	−25 25.8	1.688	2.692	4.3	20.8
7 20	18 20.15	−25 22.7	1.733	2.698	8.5	21.0
7 30	18 12.58	−25 15.6	1.803	2.703	12.2	21.3
8 9	18 7.70	−25 6.2	1.893	2.708	15.3	21.5

61591 2000 QS_{86} 6 30.8 303°.61 6°.1/ 1.8 18

5 31	19 0.20	− 6 35.3	1.984	2.845	12.9	18.9
6 10	18 55.09	− 6 7.8	1.907	2.834	10.2	18.7
6 20	18 48.29	− 5 53.3	1.853	2.822	7.7	18.5
6 30	18 40.45	− 5 53.4	1.824	2.811	6.2	18.4
7 10	18 32.42	− 6 8.3	1.821	2.800	6.9	18.5
7 20	18 25.07	− 6 36.9	1.843	2.789	9.4	18.6
7 30	18 19.20	− 7 16.5	1.888	2.778	12.2	18.7
8 9	18 15.40	− 8 4.1	1.954	2.768	15.0	18.9

311148 2004 RZ_{308} 6 30.8 189°.75 5°.2/29.7 18

5 31	19 5.43	−38 51.1	2.446	3.315	10.5	20.5
6 10	18 58.76	−39 29.1	2.382	3.314	8.2	20.4
6 20	18 50.21	−39 57.8	2.342	3.314	6.1	20.2
6 30	18 40.59	−40 13.5	2.328	3.313	5.2	20.2
7 10	18 30.88	−40 14.2	2.342	3.313	6.2	20.2
7 20	18 22.06	−40 0.3	2.381	3.312	8.3	20.4
7 30	18 14.99	−39 34.1	2.445	3.311	10.7	20.5
8 9	18 10.23	−38 59.0	2.531	3.310	12.9	20.7

337204 1999 XJ_{79} 6 30.8 255°.73 1°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.37	−20 28.3	2.133	3.017	11.2	21.7
6 10	18 58.07	−20 23.2	2.045	2.999	8.0	21.5
6 20	18 49.91	−20 20.3	1.981	2.980	4.4	21.2
6 30	18 40.58	−20 18.7	1.945	2.961	1.0	21.0
7 10	18 30.99	−20 17.5	1.937	2.941	3.8	21.1
7 20	18 22.09	−20 16.4	1.956	2.921	7.6	21.3
7 30	18 14.75	−20 15.7	2.000	2.900	11.2	21.5
8 9	18 9.60	−20 15.6	2.067	2.879	14.3	21.7

507137 2009 VM_{89} 6 30.8 232°.59 0°.7/30.8 17

5 31	19 6.05	−22 18.5	1.786	2.677	12.7	22.0
6 10	18 59.38	−21 57.8	1.714	2.671	9.1	21.8
6 20	18 50.62	−21 37.3	1.666	2.666	4.9	21.6
6 30	18 40.63	−21 16.1	1.644	2.660	0.8	21.2
7 10	18 30.54	−20 54.4	1.649	2.654	4.2	21.5
7 20	18 21.45	−20 32.9	1.681	2.648	8.5	21.7
7 30	18 14.31	−20 12.7	1.737	2.641	12.3	21.9
8 9	18 9.75	−19 54.9	1.813	2.635	15.6	22.2

236611 2006 JQ_{42} 6 30.8 353°.49 2°.2/ 1.2 17

5 31	19 2.23	−17 10.4	1.659	2.552	13.4	20.9
6 10	18 56.78	−17 13.6	1.594	2.551	9.6	20.7
6 20	18 49.27	−17 23.8	1.551	2.549	5.6	20.4
6 30	18 40.54	−17 40.0	1.534	2.548	2.2	20.2
7 10	18 31.68	−18 0.4	1.543	2.547	4.6	20.4
7 20	18 23.77	−18 23.6	1.577	2.547	8.7	20.6
7 30	18 17.76	−18 48.3	1.635	2.547	12.6	20.8
8 9	18 14.28	−19 13.2	1.713	2.547	15.9	21.1

475165 2005 UK_{424} 6 30.8 251°.90 3°.5/ 1.3 18

5 31	19 0.90	−12 43.2	2.428	3.298	10.5	21.8
6 10	18 55.34	−12 21.2	2.347	3.287	7.9	21.6
6 20	18 48.34	−12 5.8	2.291	3.277	5.2	21.4
6 30	18 40.47	−11 57.6	2.263	3.266	3.5	21.3
7 10	18 32.47	−11 56.7	2.262	3.254	4.6	21.3
7 20	18 25.06	−12 2.6	2.288	3.243	7.3	21.5
7 30	18 18.93	−12 14.4	2.340	3.232	10.1	21.6
8 9	18 14.56	−12 31.0	2.413	3.220	12.6	21.8

464567 2016 CD_{56} 6 30.8 87°.10 0°.4/30.7 17

5 31	19 8.04	−21 56.3	1.308	2.210	15.7	20.9
6 10	19 1.21	−22 32.5	1.260	2.223	11.0	20.6
6 20	18 51.72	−23 12.7	1.234	2.236	5.9	20.4
6 30	18 40.72	−23 52.2	1.233	2.249	0.5	20.0
7 10	18 29.75	−24 27.3	1.256	2.262	5.0	20.4
7 20	18 20.24	−24 55.9	1.305	2.275	10.0	20.7
7 30	18 13.37	−25 17.9	1.375	2.288	14.4	21.0
8 9	18 9.75	−25 34.3	1.464	2.300	18.0	21.3

112413 2002 NQ_{42} 6 30.8 308°.21 3°.9/30.5 18

5 31	19 7.01	−31 24.0	1.340	2.243	15.3	19.2
6 10	19 0.92	−31 39.2	1.269	2.229	11.2	19.0
6 20	18 51.79	−31 46.9	1.219	2.216	6.9	18.7
6 30	18 40.74	−31 42.3	1.192	2.203	4.0	18.5
7 10	18 29.40	−31 22.9	1.190	2.190	6.5	18.6
7 20	18 19.42	−30 49.6	1.211	2.177	11.1	18.8
7 30	18 12.19	−30 6.5	1.254	2.165	15.6	19.0
8 9	18 8.54	−29 18.8	1.314	2.154	19.5	19.2

293253 2007 CE_{9} 6 30.8 337°.93 4°.7/ 2.4 18

5 31	19 0.34	− 7 52.0	2.026	2.891	12.5	19.9
6 10	18 55.17	− 8 12.8	1.954	2.887	9.7	19.7
6 20	18 48.34	− 8 47.8	1.905	2.883	6.7	19.5
6 30	18 40.49	− 9 36.5	1.881	2.879	4.8	19.4
7 10	18 32.47	−10 36.7	1.884	2.876	5.6	19.4
7 20	18 25.13	−11 45.2	1.914	2.872	8.3	19.6
7 30	18 19.25	−12 58.3	1.969	2.869	11.3	19.8
8 9	18 15.41	−14 12.6	2.046	2.867	14.1	19.9

129333 Ashleylancaster 6 30.8 269°.40 0°.5/30.7 18

5 31	19 2.39	−24 12.1	2.366	3.253	10.2	20.3
6 10	18 56.57	−24 25.1	2.280	3.236	7.2	20.1
6 20	18 49.08	−24 38.3	2.219	3.219	3.9	19.8
6 30	18 40.54	−24 50.1	2.185	3.202	0.6	19.5
7 10	18 31.79	−24 58.9	2.180	3.184	3.4	19.7
7 20	18 23.67	−25 4.2	2.202	3.167	7.0	19.9
7 30	18 16.96	−25 6.0	2.250	3.149	10.2	20.1
8 9	18 12.24	−25 5.3	2.320	3.131	13.0	20.3

186573 2003 AG_{22} 6 30.8 254°.89 3°.0/30.2 18

5 31	19 6.80	−28 33.5	1.695	2.589	13.1	20.4
6 10	19 0.31	−29 17.1	1.621	2.578	9.5	20.1
6 20	18 51.32	−29 58.8	1.570	2.568	5.6	19.9
6 30	18 40.73	−30 33.8	1.546	2.557	3.0	19.7
7 10	18 29.81	−30 58.3	1.547	2.546	5.5	19.8
7 20	18 19.88	−31 10.9	1.575	2.535	9.5	20.0
7 30	18 12.13	−31 12.9	1.625	2.524	13.4	20.2
8 9	18 7.32	−31 6.8	1.696	2.512	16.7	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
294533 2007 XH_{48}			6 30.8 166°.10		0°.6/30.7 17	
	h m	° ′			°	m
5 31	19 8.74	−24 47.5	1.940	2.825	12.1	21.6
6 10	19 1.12	−24 50.1	1.876	2.831	8.6	21.4
6 20	18 51.49	−24 51.5	1.836	2.836	4.6	21.2
6 30	18 40.73	−24 49.5	1.824	2.840	0.7	20.9
7 10	18 29.96	−24 43.2	1.840	2.844	4.0	21.2
7 20	18 20.23	−24 32.8	1.883	2.847	8.0	21.4
7 30	18 12.46	−24 19.6	1.951	2.849	11.6	21.6
8 9	18 7.21	−24 5.2	2.041	2.850	14.6	21.8
474266 2001 TL_{120}			6 30.8 242°.02		1°.3/30.6 16	
5 31	19 4.67	−27 50.6	2.654	3.533	9.5	22.4
6 10	18 58.03	−27 51.2	2.565	3.516	6.8	22.2
6 20	18 49.80	−27 48.8	2.501	3.499	3.8	22.0
6 30	18 40.61	−27 41.7	2.467	3.481	1.3	21.8
7 10	18 31.27	−27 29.1	2.461	3.462	3.4	21.9
7 20	18 22.56	−27 11.2	2.484	3.443	6.6	22.1
7 30	18 15.23	−26 49.2	2.533	3.424	9.5	22.2
8 9	18 9.80	−26 24.8	2.606	3.404	12.0	22.4
313994 2004 TQ_{201}			6 30.8 246°.48		2°.5/30.5 17	
5 31	19 8.61	−27 50.6	1.498	2.395	14.3	21.5
6 10	19 1.78	−28 14.6	1.425	2.385	10.3	21.2
6 20	18 52.17	−28 36.0	1.375	2.375	5.9	20.9
6 30	18 40.80	−28 50.3	1.350	2.364	2.5	20.7
7 10	18 29.13	−28 54.6	1.351	2.353	5.5	20.9
7 20	18 18.64	−28 48.4	1.377	2.342	10.1	21.1
7 30	18 10.62	−28 33.9	1.425	2.330	14.5	21.3
8 9	18 5.88	−28 14.4	1.492	2.319	18.2	21.5
8231 Tetsujiyamada			6 30.8 309°.31		1°.0/30.6 18	
5 31	19 3.50	−24 45.7	1.947	2.840	11.7	17.3
6 10	18 57.53	−25 7.2	1.880	2.839	8.3	17.1
6 20	18 49.64	−25 28.7	1.837	2.838	4.5	16.9
6 30	18 40.61	−25 47.9	1.821	2.837	1.0	16.6
7 10	18 31.46	−26 2.7	1.832	2.836	4.0	16.8
7 20	18 23.19	−26 12.2	1.869	2.835	7.9	17.1
7 30	18 16.70	−26 16.9	1.931	2.834	11.4	17.3
8 9	18 12.58	−26 17.8	2.014	2.833	14.4	17.5
151056 2001 VO_{13}			6 30.8 192°.22		1°.8/30.9 18	
5 31	19 2.93	−18 26.5	2.500	3.378	10.0	20.6
6 10	18 56.69	−18 1.5	2.427	3.377	7.2	20.4
6 20	18 49.03	−17 39.0	2.380	3.375	4.1	20.2
6 30	18 40.57	−17 19.0	2.360	3.373	1.8	20.0
7 10	18 32.06	−17 1.6	2.370	3.371	3.6	20.2
7 20	18 24.25	−16 47.2	2.407	3.368	6.6	20.3
7 30	18 17.77	−16 36.0	2.471	3.365	9.5	20.5
8 9	18 13.11	−16 28.0	2.557	3.362	12.1	20.7
330690 2008 JX_{2}			6 30.8 2°.18		4°.3/ 1.7 17	
5 31	18 58.65	−13 34.9	1.041	1.956	17.6	19.4
6 10	18 55.01	−13 42.3	0.988	1.953	13.1	19.1
6 20	18 48.62	−14 6.2	0.954	1.952	8.1	18.8
6 30	18 40.55	−14 45.5	0.941	1.952	4.4	18.6
7 10	18 32.31	−15 36.9	0.950	1.955	6.5	18.7
7 20	18 25.39	−16 35.7	0.980	1.958	11.4	19.0
7 30	18 21.08	−17 37.0	1.030	1.964	16.1	19.3
8 9	18 20.08	−18 36.5	1.097	1.971	20.1	19.6
38212 1999 NM_{5}			6 30.8 349°.32		2°.4/30.8 18	R
5 31	18 58.38	−21 6.9	0.892	1.823	18.1	17.0
6 10	18 55.26	−20 20.7	0.834	1.810	13.1	16.7
6 20	18 48.93	−19 36.1	0.795	1.799	7.4	16.3
6 30	18 40.59	−18 54.9	0.775	1.790	2.5	16.0
7 10	18 32.01	−18 18.8	0.775	1.783	6.5	16.2
7 20	18 24.97	−17 49.9	0.795	1.778	12.4	16.5
7 30	18 20.95	−17 29.4	0.833	1.775	17.9	16.8
8 9	18 20.72	−17 17.0	0.886	1.775	22.5	17.1
16541 1991 PW_{18}			6 30.8 236°.56		0°.9/30.9 18	R
5 31	19 2.68	−20 19.7	2.136	3.023	11.1	17.6
6 10	18 56.79	−20 22.0	2.063	3.018	7.9	17.4
6 20	18 49.20	−20 27.1	2.014	3.014	4.3	17.2
6 30	18 40.60	−20 33.8	1.993	3.009	0.9	16.9
7 10	18 31.88	−20 41.1	1.999	3.004	3.6	17.1
7 20	18 23.91	−20 48.3	2.033	2.999	7.3	17.4
7 30	18 17.50	−20 55.3	2.091	2.994	10.6	17.6
8 9	18 13.18	−21 2.0	2.171	2.989	13.5	17.7
274811 2008 YH_{126}			6 30.8 354°.04		0°.9/ 1.1 18	
5 31	18 58.28	−18 47.5	2.526	3.412	9.6	20.0
6 10	18 53.52	−19 11.3	2.455	3.409	6.9	19.8
6 20	18 47.40	−19 39.4	2.408	3.407	3.8	19.6
6 30	18 40.47	−20 10.4	2.389	3.405	0.9	19.4
7 10	18 33.44	−20 42.5	2.398	3.403	3.1	19.6
7 20	18 26.98	−21 14.3	2.435	3.402	6.2	19.8
7 30	18 21.73	−21 44.8	2.497	3.401	9.1	20.0
8 9	18 18.17	−22 13.2	2.582	3.401	11.6	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
340999 2007 EV_{216}			6 30.8 15°.03		2°.9/ 1.9 18	
	h m	° ′			°	m
5 31	18 59.86	−12 8.9	1.050	1.961	17.9	18.8
6 10	18 55.82	−13 28.3	1.005	1.968	13.1	18.5
6 20	18 49.03	−15 9.1	0.979	1.977	7.7	18.3
6 30	18 40.60	−17 5.4	0.975	1.988	3.1	18.1
7 10	18 32.04	−19 7.6	0.994	2.001	5.6	18.2
7 20	18 24.85	−21 6.2	1.036	2.015	10.8	18.6
7 30	18 20.28	−22 54.3	1.100	2.031	15.5	18.9
8 9	18 19.05	−24 27.9	1.181	2.048	19.4	19.2
393994 2005 UV_{440}			6 30.8 313°.87		6°.0/ 1.2 18	
5 31	19 0.25	− 8 44.7	1.868	2.740	13.1	20.4
6 10	18 55.32	− 8 0.4	1.783	2.718	10.3	20.2
6 20	18 48.54	− 7 26.6	1.721	2.696	7.6	20.0
6 30	18 40.57	− 7 5.7	1.683	2.675	6.1	19.8
7 10	18 32.32	− 6 59.1	1.670	2.653	7.1	19.9
7 20	18 24.73	− 7 6.6	1.683	2.632	9.9	20.0
7 30	18 18.70	− 7 26.6	1.718	2.612	13.1	20.1
8 9	18 14.88	− 7 56.6	1.774	2.592	16.0	20.3
290789 2005 VU_{50}			6 30.8 210°.37		1°.0/30.5 18	
5 31	19 2.42	−24 44.6	2.476	3.361	9.8	20.8
6 10	18 56.51	−25 19.4	2.403	3.358	6.9	20.7
6 20	18 49.03	−25 54.7	2.356	3.355	3.8	20.4
6 30	18 40.60	−26 28.0	2.336	3.352	1.0	20.2
7 10	18 32.02	−26 57.3	2.345	3.348	3.4	20.4
7 20	18 24.08	−27 21.3	2.382	3.344	6.7	20.6
7 30	18 17.52	−27 39.7	2.445	3.340	9.6	20.8
8 9	18 12.87	−27 53.3	2.531	3.336	12.2	21.0
472995 2015 HR_{23}			6 30.8 339°.55		0°.4/30.7 17	
5 31	19 4.05	−22 33.1	1.720	2.615	12.9	20.5
6 10	18 58.12	−23 1.8	1.654	2.614	9.1	20.3
6 20	18 50.05	−23 33.4	1.612	2.614	4.9	20.0
6 30	18 40.68	−24 4.7	1.596	2.613	0.5	19.7
7 10	18 31.15	−24 33.0	1.607	2.612	4.2	20.0
7 20	18 22.59	−24 56.7	1.643	2.611	8.5	20.2
7 30	18 15.99	−25 15.5	1.703	2.611	12.4	20.5
8 9	18 12.00	−25 29.8	1.784	2.610	15.6	20.7
141288 2001 YK_{71}			6 30.8 297°.05		0°.5/30.7 18	
5 31	19 2.49	−22 12.6	2.095	2.985	11.2	19.6
6 10	18 56.79	−22 56.9	2.023	2.981	7.9	19.4
6 20	18 49.27	−23 44.6	1.976	2.976	4.2	19.1
6 30	18 40.62	−24 32.6	1.955	2.972	0.6	18.8
7 10	18 31.77	−25 17.8	1.963	2.968	3.7	19.1
7 20	18 23.64	−25 58.1	1.998	2.963	7.5	19.3
7 30	18 17.08	−26 32.6	2.058	2.959	10.9	19.5
8 9	18 12.72	−27 1.2	2.140	2.955	13.8	19.7
262764 2006 XE_{69}			6 30.8 99°.75		1°.9/30.5 16	
5 31	19 3.50	−28 37.8	2.335	3.221	10.3	21.4
6 10	18 57.23	−28 53.0	2.277	3.231	7.3	21.3
6 20	18 49.36	−29 4.9	2.243	3.241	4.2	21.1
6 30	18 40.62	−29 11.4	2.237	3.250	1.9	20.9
7 10	18 31.90	−29 11.4	2.259	3.260	3.8	21.1
7 20	18 24.02	−29 4.8	2.309	3.269	6.9	21.3
7 30	18 17.71	−28 52.8	2.384	3.278	9.8	21.5
8 9	18 13.47	−28 37.2	2.481	3.287	12.3	21.7
512498 2016 RM_{3}			6 30.8 325°.08		1°.0/30.7 17	
5 31	19 3.64	−25 43.3	1.552	2.454	13.6	20.4
6 10	18 58.09	−25 41.9	1.480	2.443	9.7	20.1
6 20	18 50.13	−25 38.9	1.430	2.431	5.3	19.8
6 30	18 40.70	−25 31.9	1.405	2.421	1.1	19.5
7 10	18 31.07	−25 19.8	1.405	2.410	4.7	19.8
7 20	18 22.51	−25 2.9	1.430	2.401	9.3	20.0
7 30	18 16.12	−24 42.8	1.478	2.391	13.5	20.2
8 9	18 12.62	−24 21.6	1.545	2.383	17.1	20.4
345607 2006 SP_{171}			6 30.8 184°.70		0°.2/30.8 18	
5 31	19 3.20	−23 18.6	2.241	3.128	10.6	21.2
6 10	18 57.10	−23 26.2	2.172	3.128	7.5	21.0
6 20	18 49.35	−23 34.2	2.127	3.127	4.0	20.8
6 30	18 40.64	−23 41.3	2.110	3.127	0.3	20.5
7 10	18 31.86	−23 46.1	2.122	3.126	3.4	20.7
7 20	18 23.85	−23 48.2	2.160	3.126	7.0	21.0
7 30	18 17.37	−23 48.0	2.224	3.125	10.2	21.2
8 9	18 12.96	−23 46.2	2.310	3.124	12.9	21.4
240814 2006 AC_{13}			6 30.8 88°.79		2°.1/30.8 17	
5 31	19 10.18	−28 4.2	1.244	2.148	16.2	19.9
6 10	19 2.92	−28 0.1	1.192	2.154	11.6	19.7
6 20	18 52.73	−27 50.6	1.160	2.161	6.4	19.4
6 30	18 40.89	−27 32.5	1.152	2.167	2.1	19.1
7 10	18 29.15	−27 5.2	1.168	2.173	5.6	19.4
7 20	18 19.11	−26 30.6	1.209	2.179	10.7	19.7
7 30	18 11.99	−25 52.4	1.271	2.185	15.2	20.0
8 9	18 8.43	−25 14.5	1.352	2.191	19.0	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
264837 2002 QF_{49}			6 30.8 296°.98		3°.9/30.5 18	
	h m	° ′			°	m
5 31	19 7.38	−31 20.3	1.414	2.314	14.8	20.3
6 10	19 1.16	−31 39.6	1.339	2.298	10.9	20.0
6 20	18 51.96	−31 52.1	1.285	2.281	6.7	19.7
6 30	18 40.85	−31 52.9	1.255	2.265	3.9	19.5
7 10	18 29.38	−31 39.2	1.249	2.248	6.4	19.6
7 20	18 19.15	−31 11.4	1.268	2.232	10.9	19.8
7 30	18 11.56	−30 33.1	1.308	2.217	15.3	20.1
8 9	18 7.46	−29 49.2	1.367	2.201	19.1	20.3
185567 2008 AQ_{59}			6 30.8 94°.22		1°.2/ 1.0 17	
5 31	19 6.51	−19 26.8	1.502	2.398	14.4	21.2
6 10	18 59.87	−19 35.4	1.451	2.409	10.3	21.0
6 20	18 50.95	−19 49.0	1.421	2.421	5.6	20.7
6 30	18 40.78	−20 5.7	1.417	2.432	1.3	20.5
7 10	18 30.63	−20 23.4	1.438	2.444	4.6	20.7
7 20	18 21.72	−20 40.8	1.485	2.455	9.1	21.0
7 30	18 15.06	−20 57.2	1.556	2.466	13.2	21.3
8 9	18 11.24	−21 12.7	1.646	2.477	16.5	21.5
17433 1989 SV_{2}			6 30.8 65°.64		4°.2/29.8 18	
5 31	19 4.70	−33 51.1	2.140	3.023	11.2	17.9
6 10	18 58.41	−34 39.7	2.079	3.026	8.4	17.8
6 20	18 50.15	−35 22.1	2.043	3.029	5.6	17.6
6 30	18 40.73	−35 54.1	2.033	3.033	4.2	17.5
7 10	18 31.19	−36 13.1	2.050	3.036	5.7	17.6
7 20	18 22.56	−36 18.5	2.093	3.039	8.4	17.8
7 30	18 15.76	−36 12.1	2.161	3.042	11.3	18.0
8 9	18 11.37	−35 56.8	2.249	3.046	13.8	18.2
413125 2001 XH_{5}			6 30.8 289°.25		4°.6/30.9 18	
5 31	19 5.54	−15 10.9	1.302	2.200	16.0	20.6
6 10	18 59.79	−14 27.0	1.224	2.180	12.0	20.3
6 20	18 51.24	−13 50.2	1.166	2.160	7.6	20.0
6 30	18 40.84	−13 22.4	1.131	2.140	4.7	19.7
7 10	18 29.97	−13 5.2	1.120	2.119	6.9	19.8
7 20	18 20.13	−12 59.0	1.133	2.099	11.6	20.0
7 30	18 12.67	−13 3.4	1.166	2.079	16.4	20.2
8 9	18 8.48	−13 16.8	1.217	2.060	20.5	20.4
59537 1999 JQ_{29}			6 30.8 40°.98		4°.4/30.3 18	
5 31	19 7.87	−30 39.6	1.216	2.123	16.2	18.6
6 10	19 1.52	−31 22.5	1.167	2.130	11.8	18.4
6 20	18 52.09	−31 59.3	1.139	2.136	7.2	18.2
6 30	18 40.89	−32 23.6	1.134	2.143	4.4	18.0
7 10	18 29.66	−32 31.8	1.152	2.151	6.9	18.2
7 20	18 20.09	−32 24.0	1.194	2.159	11.4	18.5
7 30	18 13.51	−32 3.9	1.256	2.167	15.6	18.7
8 9	18 10.58	−31 36.2	1.336	2.175	19.2	19.0
390073 2012 UU_{117}			6 30.8 239°.01		0°.9/30.7 17	
5 31	19 4.63	−25 4.5	2.030	2.919	11.5	21.7
6 10	18 58.35	−25 18.2	1.955	2.911	8.2	21.4
6 20	18 50.13	−25 31.5	1.904	2.904	4.4	21.2
6 30	18 40.74	−25 42.0	1.880	2.896	0.9	20.9
7 10	18 31.18	−25 48.1	1.883	2.887	3.9	21.1
7 20	18 22.44	−25 49.3	1.914	2.879	7.8	21.4
7 30	18 15.44	−25 46.3	1.969	2.870	11.3	21.6
8 9	18 10.77	−25 40.4	2.046	2.861	14.3	21.7
502500 2015 BD_{405}			6 30.8 242°.51		0°.9/30.9 17	
5 31	19 6.53	−20 28.8	1.769	2.657	12.9	22.2
6 10	18 59.94	−20 34.1	1.688	2.644	9.3	22.0
6 20	18 51.10	−20 42.9	1.631	2.630	5.1	21.7
6 30	18 40.83	−20 53.4	1.600	2.616	1.0	21.4
7 10	18 30.26	−21 4.1	1.596	2.601	4.3	21.6
7 20	18 20.54	−21 14.0	1.618	2.586	8.8	21.8
7 30	18 12.75	−21 22.9	1.665	2.570	12.8	22.0
8 9	18 7.61	−21 31.2	1.732	2.553	16.3	22.2
77086 2001 DB_{36}			6 30.8 279°.68		1°.7/ 1.1 18	
5 31	19 5.23	−18 3.3	1.477	2.373	14.6	19.3
6 10	18 59.40	−18 17.2	1.396	2.355	10.6	19.1
6 20	18 50.99	−18 39.1	1.337	2.337	6.0	18.7
6 30	18 40.83	−19 7.2	1.303	2.318	1.8	18.4
7 10	18 30.21	−19 38.9	1.295	2.300	5.0	18.6
7 20	18 20.49	−20 11.8	1.311	2.281	10.0	18.8
7 30	18 12.93	−20 44.3	1.349	2.263	14.6	19.0
8 9	18 8.41	−21 15.4	1.407	2.244	18.5	19.2
159497 2000 UV_{23}			6 30.8 243°.34		2°.3/ 1.3 18	
5 31	19 4.07	−16 8.9	2.037	2.917	11.9	20.8
6 10	18 57.93	−16 10.0	1.955	2.904	8.7	20.6
6 20	18 49.92	−16 17.5	1.896	2.890	5.1	20.3
6 30	18 40.74	−16 30.7	1.864	2.876	2.4	20.1
7 10	18 31.31	−16 48.5	1.860	2.862	4.3	20.2
7 20	18 22.58	−17 9.5	1.883	2.846	8.0	20.4
7 30	18 15.42	−17 32.8	1.930	2.831	11.5	20.6
8 9	18 10.48	−17 57.3	2.000	2.815	14.6	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
354800 2005 UF_{520}			6 30.8 316°.78		1°.8/ 1.2 18	
	h m	° ′			°	m
5 31	19 0.92	−17 40.1	1.851	2.743	12.3	20.6
6 10	18 55.87	−17 47.3	1.771	2.727	8.9	20.3
6 20	18 48.88	−18 0.8	1.714	2.712	5.1	20.1
6 30	18 40.67	−18 19.5	1.683	2.697	1.9	19.8
7 10	18 32.19	−18 41.9	1.678	2.682	4.2	19.9
7 20	18 24.45	−19 6.4	1.699	2.668	8.2	20.2
7 30	18 18.37	−19 31.9	1.744	2.654	12.0	20.4
8 9	18 14.61	−19 57.4	1.809	2.641	15.3	20.5
95542 2002 EU_{86}			6 30.8 352°.31		10°.4/28.2 18	
5 31	19 11.77	−52 43.0	2.167	2.988	13.4	18.7
6 10	19 4.12	−53 56.3	2.114	2.986	11.9	18.6
6 20	18 53.48	−54 50.5	2.082	2.985	10.8	18.5
6 30	18 41.02	−55 18.8	2.074	2.984	10.4	18.5
7 10	18 28.36	−55 18.3	2.088	2.983	11.1	18.6
7 20	18 17.16	−54 50.0	2.124	2.982	12.4	18.6
7 30	18 8.75	−53 58.7	2.181	2.982	14.1	18.8
8 9	18 3.86	−52 51.4	2.256	2.982	15.7	18.9
68452 2001 SA_{36}			6 30.8 306°.14		1°.0/ 1.0 18	
5 31	19 2.16	−19 39.3	1.938	2.828	11.9	19.1
6 10	18 56.61	−19 48.0	1.865	2.822	8.5	18.9
6 20	18 49.21	−20 0.9	1.817	2.816	4.7	18.6
6 30	18 40.69	−20 16.5	1.794	2.810	1.1	18.4
7 10	18 32.01	−20 33.3	1.799	2.804	3.9	18.6
7 20	18 24.12	−20 50.1	1.830	2.798	7.8	18.8
7 30	18 17.89	−21 6.4	1.885	2.792	11.4	19.0
8 9	18 13.92	−21 21.7	1.962	2.787	14.5	19.2
244723 2003 QL_{99}			6 30.8 294°.78		0°.2/30.8 18	
5 31	19 5.85	−21 28.9	1.378	2.280	15.0	20.4
6 10	19 0.26	−22 3.8	1.287	2.250	10.8	20.1
6 20	18 51.68	−22 46.0	1.218	2.220	5.9	19.7
6 30	18 40.91	−23 31.8	1.172	2.189	0.5	19.2
7 10	18 29.33	−24 16.6	1.152	2.158	5.3	19.5
7 20	18 18.51	−24 56.8	1.156	2.128	10.9	19.7
7 30	18 10.02	−25 30.9	1.182	2.097	16.0	19.9
8 9	18 4.96	−25 59.1	1.226	2.067	20.5	20.1
11698 Fichtelman			6 30.8 100°.82		3°.7/30.6 18	
5 31	19 10.72	−31 35.7	1.492	2.385	14.6	18.1
6 10	19 2.99	−31 52.8	1.443	2.398	10.6	17.9
6 20	18 52.66	−32 2.0	1.416	2.411	6.4	17.7
6 30	18 40.95	−31 59.0	1.414	2.424	3.7	17.5
7 10	18 29.40	−31 42.5	1.438	2.436	5.9	17.7
7 20	18 19.41	−31 14.1	1.487	2.449	9.9	18.0
7 30	18 12.08	−30 37.6	1.560	2.461	13.7	18.2
8 9	18 7.97	−29 57.4	1.651	2.472	16.9	18.5
393571 2003 KA_{2}			6 30.8 38°.97		4°.7/ 1.9 17	
5 31	19 0.29	− 8 42.4	2.173	3.038	11.8	20.8
6 10	18 55.02	− 8 31.8	2.107	3.040	9.1	20.6
6 20	18 48.25	− 8 32.3	2.065	3.042	6.4	20.5
6 30	18 40.62	− 8 44.4	2.049	3.044	4.8	20.4
7 10	18 32.92	− 9 7.4	2.059	3.046	5.6	20.4
7 20	18 25.91	− 9 39.7	2.096	3.048	8.0	20.6
7 30	18 20.29	−10 19.0	2.157	3.051	10.8	20.8
8 9	18 16.55	−11 2.8	2.240	3.053	13.3	20.9
93733 2000 VJ_{47}			6 30.8 207°.73		4°.7/29.4 18	
5 31	19 5.79	−38 43.2	2.904	3.765	9.3	19.8
6 10	18 58.93	−39 30.3	2.831	3.759	7.2	19.7
6 20	18 50.38	−40 9.8	2.784	3.753	5.4	19.5
6 30	18 40.79	−40 38.1	2.764	3.746	4.7	19.5
7 10	18 31.03	−40 53.1	2.772	3.739	5.6	19.5
7 20	18 21.93	−40 54.4	2.808	3.731	7.5	19.6
7 30	18 14.29	−40 43.6	2.869	3.723	9.6	19.8
8 9	18 8.68	−40 23.4	2.952	3.715	11.6	19.9
39130 2000 WO_{56}			6 30.8 169°.33		1°.0/30.6 18	
5 31	19 5.29	−24 32.2	1.872	2.764	12.2	19.2
6 10	18 58.89	−24 57.6	1.807	2.765	8.6	19.0
6 20	18 50.44	−25 23.3	1.766	2.766	4.7	18.7
6 30	18 40.80	−25 46.5	1.751	2.767	1.0	18.5
7 10	18 31.03	−26 5.0	1.764	2.768	4.1	18.7
7 20	18 22.22	−26 17.7	1.803	2.769	8.1	19.0
7 30	18 15.28	−26 24.9	1.867	2.769	11.7	19.2
8 9	18 10.85	−26 28.0	1.951	2.770	14.8	19.4
115663 2003 UK_{142}			6 30.8 213°.00		2°.6/30.5 18	
5 31	19 6.30	−30 30.7	2.178	3.061	11.1	20.1
6 10	18 59.44	−30 42.3	2.105	3.056	8.0	19.9
6 20	18 50.69	−30 48.9	2.056	3.051	4.8	19.7
6 30	18 40.82	−30 47.8	2.035	3.046	2.6	19.5
7 10	18 30.85	−30 37.7	2.042	3.040	4.5	19.7
7 20	18 21.78	−30 19.0	2.076	3.034	7.7	19.8
7 30	18 14.47	−29 53.7	2.135	3.027	10.9	20.0
8 9	18 9.51	−29 24.3	2.216	3.020	13.7	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
417512 2006 SU_{271}			6 30.8 188°.41	0°.5/30.8 17		
	h m	° ′			°	m
5 31	19 7.73	−24 20.5	2.050	2.934	11.6	22.4
6 10	19 0.44	−24 24.5	1.979	2.933	8.2	22.2
6 20	18 51.22	−24 27.8	1.933	2.932	4.4	22.0
6 30	18 40.86	−24 28.4	1.914	2.930	0.6	21.7
7 10	18 30.41	−24 25.3	1.923	2.927	3.8	21.9
7 20	18 20.87	−24 18.4	1.960	2.924	7.7	22.1
7 30	18 13.14	−24 8.6	2.023	2.920	11.2	22.4
8 9	18 7.80	−23 57.5	2.107	2.915	14.2	22.5
342275 2008 TZ_{8}			6 30.8 320°.55	2°.7/ 1.3 18		
5 31	19 1.02	−16 10.3	1.339	2.243	15.2	19.9
6 10	18 56.65	−16 20.0	1.254	2.215	11.2	19.6
6 20	18 49.63	−16 40.8	1.190	2.188	6.7	19.3
6 30	18 40.76	−17 12.0	1.148	2.162	2.8	19.0
7 10	18 31.29	−17 51.4	1.131	2.136	5.6	19.1
7 20	18 22.64	−18 35.8	1.137	2.111	10.6	19.3
7 30	18 16.17	−19 22.5	1.164	2.087	15.5	19.5
8 9	18 12.86	−20 9.0	1.209	2.065	19.8	19.7
506526 2004 TX_{88}			6 30.8 227°.97	0°.5/30.9 17		
5 31	19 4.77	−21 6.3	1.996	2.883	11.7	22.3
6 10	18 58.46	−21 16.4	1.920	2.875	8.4	22.1
6 20	18 50.21	−21 29.2	1.868	2.867	4.5	21.8
6 30	18 40.79	−21 43.0	1.842	2.859	0.6	21.5
7 10	18 31.17	−21 56.2	1.845	2.850	3.8	21.8
7 20	18 22.36	−22 7.8	1.875	2.841	7.8	22.0
7 30	18 15.24	−22 17.8	1.929	2.831	11.4	22.2
8 9	18 10.44	−22 26.4	2.005	2.822	14.5	22.4
153171 2000 TJ_{42}			6 30.8 341°.82	5°.4/ 2.2 16		
5 31	18 56.68	−11 4.1	1.063	1.974	17.6	19.2
6 10	18 53.83	−11 15.6	0.993	1.954	13.5	18.9
6 20	18 48.19	−11 48.0	0.941	1.935	8.9	18.6
6 30	18 40.67	−12 42.0	0.910	1.918	5.6	18.4
7 10	18 32.65	−13 54.4	0.900	1.903	7.2	18.4
7 20	18 25.67	−15 19.5	0.911	1.890	11.9	18.6
7 30	18 21.16	−16 50.2	0.942	1.879	16.9	18.8
8 9	18 20.09	−18 20.0	0.989	1.870	21.3	19.1
338834 2003 WK_{122}			6 30.8 147°.82	3°.2/30.1 17		
5 31	19 6.33	−31 46.6	2.350	3.230	10.5	21.8
6 10	18 59.35	−32 22.8	2.290	3.238	7.7	21.6
6 20	18 50.60	−32 53.8	2.255	3.246	4.8	21.4
6 30	18 40.84	−33 16.5	2.248	3.253	3.2	21.3
7 10	18 31.04	−33 28.9	2.269	3.260	4.7	21.4
7 20	18 22.10	−33 30.7	2.317	3.267	7.5	21.6
7 30	18 14.85	−33 23.3	2.391	3.273	10.3	21.8
8 9	18 9.81	−33 9.3	2.486	3.279	12.7	22.0
302200 2001 UG_{82}			6 30.8 216°.95	1°.6/30.6 17		
5 31	19 8.75	−25 22.6	1.545	2.441	14.1	21.2
6 10	19 1.82	−25 56.6	1.476	2.435	10.1	20.9
6 20	18 52.24	−26 31.1	1.429	2.429	5.5	20.7
6 30	18 40.99	−27 1.7	1.408	2.423	1.7	20.4
7 10	18 29.46	−27 24.9	1.413	2.416	5.1	20.6
7 20	18 19.04	−27 39.2	1.443	2.409	9.7	20.8
7 30	18 10.98	−27 45.5	1.497	2.401	14.0	21.1
8 9	18 6.05	−27 45.9	1.570	2.393	17.6	21.3
470439 2007 WF_{29}			6 30.8 102°.70	0°.5/30.9 18		
5 31	19 4.45	−22 38.4	2.030	2.919	11.5	20.9
6 10	18 58.04	−22 18.9	1.968	2.924	8.2	20.7
6 20	18 49.89	−21 59.3	1.929	2.929	4.4	20.4
6 30	18 40.79	−21 39.3	1.918	2.934	0.6	20.2
7 10	18 31.72	−21 18.7	1.934	2.939	3.7	20.4
7 20	18 23.57	−20 58.3	1.978	2.944	7.5	20.7
7 30	18 17.14	−20 38.9	2.046	2.949	10.8	20.9
8 9	18 12.94	−20 21.3	2.136	2.954	13.7	21.1
211743 2003 YL_{149}			6 30.8 218°.81	5°.7/29.6 18		
5 31	19 8.81	−40 14.3	2.450	3.310	10.8	20.9
6 10	19 1.33	−40 56.7	2.376	3.302	8.5	20.8
6 20	18 51.77	−41 29.0	2.326	3.293	6.5	20.6
6 30	18 40.95	−41 46.8	2.304	3.283	5.7	20.5
7 10	18 29.93	−41 47.7	2.308	3.273	6.7	20.6
7 20	18 19.81	−41 31.9	2.339	3.263	8.8	20.7
7 30	18 11.54	−41 2.0	2.395	3.252	11.2	20.9
8 9	18 5.77	−40 22.0	2.471	3.240	13.4	21.0
519811 2013 HG_{113}			6 30.8 234°.19	3°.2/ 1.4 18		
5 31	19 0.25	−12 42.8	2.549	3.418	10.1	21.9
6 10	18 54.87	−12 26.2	2.474	3.414	7.6	21.7
6 20	18 48.16	−12 16.1	2.423	3.409	5.0	21.5
6 30	18 40.67	−12 13.0	2.400	3.404	3.3	21.4
7 10	18 33.09	−12 16.7	2.405	3.399	4.3	21.4
7 20	18 26.09	−12 26.4	2.437	3.393	6.9	21.6
7 30	18 20.29	−12 41.4	2.495	3.388	9.5	21.8
8 9	18 16.16	−13 0.4	2.576	3.383	11.9	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
182028 2000 AL_{194}			6 30.8 137°.92	5°.3/ 2.1 17		
	h m	° ′			°	m
5 31	19 5.61	− 7 35.7	2.041	2.896	12.9	21.6
6 10	18 58.74	− 7 24.3	1.985	2.911	10.0	21.5
6 20	18 50.24	− 7 25.5	1.952	2.925	7.1	21.3
6 30	18 40.84	− 7 39.5	1.946	2.938	5.3	21.2
7 10	18 31.44	− 8 5.4	1.966	2.950	6.1	21.3
7 20	18 22.92	− 8 41.3	2.014	2.962	8.6	21.5
7 30	18 16.02	− 9 24.5	2.087	2.973	11.4	21.7
8 9	18 11.24	−10 12.1	2.181	2.983	14.0	21.9
437089 2012 UA_{78}			6 30.8 307°.05	3°.3/30.2 16		
5 31	19 5.20	−30 18.0	1.746	2.640	12.8	21.2
6 10	18 59.12	−30 52.6	1.677	2.633	9.3	20.9
6 20	18 50.72	−31 23.2	1.631	2.627	5.6	20.7
6 30	18 40.88	−31 45.3	1.611	2.621	3.3	20.6
7 10	18 30.84	−31 56.2	1.617	2.614	5.5	20.7
7 20	18 21.82	−31 55.3	1.648	2.608	9.2	20.9
7 30	18 14.91	−31 44.4	1.703	2.603	12.8	21.1
8 9	18 10.79	−31 26.4	1.778	2.597	16.0	21.3
462598 2009 HA_{33}			6 30.8 63°.24	0°.8/30.7 17		
5 31	19 6.92	−22 25.7	1.287	2.192	15.7	20.9
6 10	19 0.55	−23 10.1	1.241	2.205	11.0	20.7
6 20	18 51.50	−23 58.1	1.216	2.218	5.9	20.4
6 30	18 40.94	−24 45.0	1.215	2.231	0.9	20.1
7 10	18 30.38	−25 26.3	1.239	2.245	5.1	20.4
7 20	18 21.26	−25 59.5	1.287	2.258	10.1	20.8
7 30	18 14.76	−26 24.6	1.357	2.272	14.4	21.1
8 9	18 11.51	−26 42.8	1.446	2.286	18.0	21.3
506611 2006 CP_{26}			6 30.8 178°.45	0°.4/30.9 17		
5 31	19 5.06	−21 12.9	1.986	2.873	11.8	22.0
6 10	18 58.61	−21 24.9	1.918	2.874	8.4	21.8
6 20	18 50.29	−21 39.5	1.875	2.875	4.5	21.6
6 30	18 40.86	−21 54.8	1.859	2.875	0.6	21.2
7 10	18 31.33	−22 9.3	1.870	2.875	3.8	21.5
7 20	18 22.67	−22 21.9	1.909	2.875	7.7	21.7
7 30	18 15.74	−22 32.5	1.972	2.874	11.2	22.0
8 9	18 11.12	−22 41.4	2.057	2.873	14.2	22.2
231682 1995 UK_{16}			6 30.8 95°.44	0°.5/30.9 17		
5 31	19 4.99	−20 47.1	1.853	2.743	12.4	20.7
6 10	18 58.54	−21 3.5	1.800	2.757	8.7	20.5
6 20	18 50.21	−21 22.9	1.771	2.770	4.7	20.3
6 30	18 40.85	−21 43.4	1.768	2.784	0.6	20.0
7 10	18 31.52	−22 3.0	1.792	2.798	3.9	20.3
7 20	18 23.19	−22 20.6	1.843	2.811	7.8	20.5
7 30	18 16.71	−22 35.8	1.919	2.824	11.3	20.8
8 9	18 12.62	−22 48.9	2.016	2.837	14.3	21.0
28921 2000 QZ_{122}			6 30.8 339°.03	2°.6/30.7 18		
5 31	19 4.30	−30 24.3	1.838	2.731	12.3	17.8
6 10	18 58.29	−30 26.3	1.769	2.726	8.9	17.6
6 20	18 50.19	−30 22.5	1.724	2.721	5.2	17.4
6 30	18 40.87	−30 10.5	1.704	2.716	2.6	17.2
7 10	18 31.47	−29 49.3	1.711	2.711	4.8	17.3
7 20	18 23.10	−29 19.7	1.743	2.707	8.5	17.6
7 30	18 16.72	−28 44.4	1.800	2.704	12.0	17.8
8 9	18 12.93	−28 6.2	1.877	2.700	15.1	18.0
437708 2014 DV_{81}			6 30.8 15°.67	2°.3/30.5 17		
5 31	19 4.55	−28 11.7	1.765	2.660	12.6	21.2
6 10	18 58.51	−28 35.2	1.703	2.662	9.0	21.0
6 20	18 50.32	−28 55.7	1.664	2.663	5.1	20.8
6 30	18 40.88	−29 10.0	1.651	2.664	2.3	20.6
7 10	18 31.35	−29 16.0	1.665	2.666	4.8	20.7
7 20	18 22.87	−29 13.4	1.704	2.668	8.6	21.0
7 30	18 16.42	−29 3.7	1.767	2.670	12.2	21.2
8 9	18 12.61	−28 49.0	1.850	2.673	15.3	21.4
422972 2003 GY_{47}			6 30.8 58°.13	1°.3/30.6 16		
5 31	19 6.80	−24 6.0	1.417	2.318	14.7	20.9
6 10	19 0.18	−24 46.2	1.379	2.341	10.3	20.7
6 20	18 51.19	−25 27.1	1.363	2.364	5.5	20.5
6 30	18 40.95	−26 4.3	1.372	2.387	1.3	20.3
7 10	18 30.86	−26 34.4	1.406	2.411	4.8	20.6
7 20	18 22.21	−26 56.3	1.465	2.434	9.3	20.9
7 30	18 15.99	−27 10.4	1.548	2.458	13.2	21.2
8 9	18 12.74	−27 18.5	1.649	2.482	16.5	21.4
418076 2007 VX_{251}			6 30.8 304°.46	4°.3/30.7 17		
5 31	19 5.38	−17 18.1	1.237	2.140	16.3	20.5
6 10	18 59.83	−16 17.4	1.158	2.119	12.1	20.2
6 20	18 51.37	−15 19.6	1.100	2.097	7.5	19.9
6 30	18 40.99	−14 27.4	1.065	2.076	4.3	19.6
7 10	18 30.16	−13 43.6	1.054	2.055	6.9	19.7
7 20	18 20.42	−13 10.5	1.066	2.035	12.0	19.9
7 30	18 13.20	−12 49.5	1.098	2.015	16.9	20.1
8 9	18 9.36	−12 39.9	1.148	1.995	21.2	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
161155 2002 SY_{36}			6 30.8 262°.64	1°.4/30.7 18		
	h m	° ′			°	m
5 31	19 7.34	−25 49.5	1.718	2.611	13.0	20.7
6 10	19 0.75	−26 6.1	1.634	2.592	9.4	20.5
6 20	18 51.69	−26 22.1	1.573	2.573	5.2	20.2
6 30	18 41.01	−26 34.1	1.538	2.553	1.4	19.9
7 10	18 29.94	−26 39.7	1.530	2.533	4.7	20.0
7 20	18 19.76	−26 38.3	1.547	2.513	9.2	20.3
7 30	18 11.66	−26 31.0	1.589	2.492	13.4	20.5
8 9	18 6.42	−26 19.8	1.650	2.471	16.9	20.7
415782 2000 WP_{14}			6 30.8 283°.06	0°.6/30.9 17		
5 31	19 7.01	−22 19.8	1.430	2.330	14.7	20.8
6 10	19 0.82	−22 6.9	1.347	2.308	10.6	20.5
6 20	18 51.85	−21 54.9	1.285	2.286	5.8	20.2
6 30	18 41.03	−21 42.3	1.248	2.264	0.8	19.8
7 10	18 29.75	−21 28.2	1.236	2.242	5.0	20.0
7 20	18 19.47	−21 13.0	1.249	2.220	10.3	20.3
7 30	18 11.54	−20 58.0	1.284	2.198	15.1	20.5
8 9	18 6.84	−20 44.8	1.337	2.175	19.3	20.7
201162 2002 LN_{41}			6 30.8 7°.83	7°.4/ 1.8 17		
5 31	18 59.58	− 8 30.1	1.275	2.167	16.7	19.1
6 10	18 55.26	− 7 42.1	1.223	2.169	13.0	18.9
6 20	18 48.66	− 7 10.9	1.191	2.171	9.5	18.7
6 30	18 40.76	− 6 59.3	1.180	2.175	7.5	18.6
7 10	18 32.81	− 7 7.8	1.192	2.180	8.5	18.7
7 20	18 26.00	− 7 34.4	1.227	2.187	11.7	18.9
7 30	18 21.36	− 8 15.3	1.282	2.194	15.2	19.1
8 9	18 19.49	− 9 5.3	1.355	2.203	18.5	19.3
380192 2000 WM_{134}			6 30.9 213°.54	6°.4/29.3 18		
5 31	19 9.73	−39 14.9	2.071	2.940	12.2	21.1
6 10	19 2.33	−40 17.4	2.003	2.934	9.6	20.9
6 20	18 52.47	−41 9.9	1.959	2.929	7.3	20.7
6 30	18 41.07	−41 46.4	1.941	2.923	6.4	20.7
7 10	18 29.40	−42 3.3	1.950	2.916	7.6	20.7
7 20	18 18.74	−42 0.5	1.984	2.909	10.0	20.9
7 30	18 10.25	−41 40.7	2.041	2.902	12.7	21.0
8 9	18 4.65	−41 8.7	2.119	2.894	15.2	21.2
397771 2008 GQ_{117}			6 30.9 87°.96	7°.5/ 2.6 18		
5 31	19 0.70	+ 0 21.6	2.378	3.200	12.4	21.1
6 10	18 55.13	+ 1 0.7	2.328	3.216	10.3	21.0
6 20	18 48.27	+ 1 24.2	2.301	3.233	8.5	20.9
6 30	18 40.74	+ 1 30.5	2.298	3.250	7.5	20.9
7 10	18 33.23	+ 1 19.6	2.321	3.266	7.8	21.0
7 20	18 26.42	+ 0 52.9	2.370	3.282	9.2	21.1
7 30	18 20.91	+ 0 13.1	2.442	3.298	11.0	21.2
8 9	18 17.10	− 0 36.1	2.536	3.314	12.9	21.4
471593 2012 RW_{38}			6 30.9 260°.26	3°.2/ 1.3 18		
5 31	19 3.70	−14 7.9	2.117	2.992	11.7	22.0
6 10	18 57.70	−13 56.4	2.027	2.972	8.7	21.8
6 20	18 49.88	−13 51.8	1.961	2.951	5.5	21.6
6 30	18 40.90	−13 54.4	1.922	2.930	3.2	21.4
7 10	18 31.62	−14 3.7	1.910	2.908	4.7	21.4
7 20	18 22.95	−14 18.8	1.925	2.886	8.1	21.6
7 30	18 15.75	−14 38.9	1.966	2.863	11.5	21.8
8 9	18 10.66	−15 2.5	2.028	2.840	14.5	21.9
336801 2011 CL_{91}			6 30.9 23°.02	0°.2/30.9 17		
5 31	19 5.12	−24 33.9	1.325	2.232	15.1	20.4
6 10	18 59.21	−24 16.0	1.272	2.237	10.7	20.1
6 20	18 50.78	−23 56.9	1.241	2.243	5.7	19.9
6 30	18 40.96	−23 35.2	1.233	2.250	0.5	19.5
7 10	18 31.19	−23 10.9	1.250	2.257	4.8	19.9
7 20	18 22.84	−22 45.1	1.291	2.265	9.8	20.2
7 30	18 16.99	−22 19.9	1.355	2.274	14.1	20.4
8 9	18 14.21	−21 56.7	1.437	2.283	17.7	20.7
294953 2008 DU_{80}			6 30.9 300°.43	2°.6/ 1.4 18		
5 31	19 1.39	−15 25.6	1.971	2.856	12.0	20.4
6 10	18 56.12	−15 27.1	1.892	2.843	8.8	20.2
6 20	18 49.04	−15 36.0	1.836	2.830	5.3	19.9
6 30	18 40.83	−15 51.7	1.806	2.818	2.7	19.7
7 10	18 32.40	−16 13.1	1.803	2.805	4.4	19.8
7 20	18 24.66	−16 38.7	1.827	2.793	8.0	20.0
7 30	18 18.48	−17 7.2	1.874	2.781	11.5	20.2
8 9	18 14.47	−17 37.0	1.943	2.769	14.6	20.4
248111 2004 RX_{158}			6 30.9 349°.82	7°.3/ 2.0 18		
5 31	18 58.98	− 5 6.0	1.761	2.626	14.1	19.9
6 10	18 54.45	− 4 29.2	1.694	2.620	11.4	19.7
6 20	18 48.13	− 4 7.9	1.649	2.614	8.8	19.6
6 30	18 40.76	− 4 4.4	1.628	2.609	7.3	19.5
7 10	18 33.25	− 4 19.2	1.630	2.606	8.0	19.5
7 20	18 26.52	− 4 50.6	1.657	2.602	10.3	19.6
7 30	18 21.40	− 5 35.6	1.707	2.600	13.2	19.8
8 9	18 18.48	− 6 30.0	1.776	2.598	15.9	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
56986 2000 SR_{210}			6 30.9 112°.49	0°.8/ 1.1 18		
	h m	° ′			°	m
5 31	19 2.44	−18 52.8	2.351	3.233	10.4	18.6
6 10	18 56.51	−19 18.1	2.291	3.243	7.4	18.4
6 20	18 49.10	−19 47.5	2.256	3.254	4.1	18.2
6 30	18 40.84	−20 19.3	2.248	3.264	0.9	18.0
7 10	18 32.53	−20 51.6	2.269	3.274	3.3	18.2
7 20	18 24.95	−21 22.7	2.318	3.283	6.6	18.4
7 30	18 18.76	−21 51.8	2.393	3.293	9.6	18.6
8 9	18 14.47	−22 18.5	2.490	3.302	12.1	18.8
246297 2007 TU_{101}			6 30.9 289°.19	3°.1/ 1.4 17		
5 31	19 2.40	−14 50.9	1.862	2.746	12.6	20.5
6 10	18 56.88	−14 43.4	1.788	2.738	9.3	20.3
6 20	18 49.46	−14 43.7	1.736	2.729	5.7	20.0
6 30	18 40.88	−14 51.6	1.711	2.721	3.1	19.9
7 10	18 32.12	−15 6.2	1.712	2.712	4.8	19.9
7 20	18 24.14	−15 26.3	1.739	2.704	8.4	20.1
7 30	18 17.83	−15 50.6	1.790	2.696	12.0	20.3
8 9	18 13.81	−16 17.4	1.862	2.688	15.1	20.5
397082 2005 US_{275}			6 30.9 289°.91	7°.2/30.8 18		
5 31	19 1.86	− 4 18.3	2.203	3.048	12.4	20.0
6 10	18 56.18	− 3 4.7	2.131	3.040	10.2	19.8
6 20	18 48.97	− 2 2.2	2.081	3.033	8.2	19.7
6 30	18 40.84	− 1 14.3	2.058	3.025	7.2	19.6
7 10	18 32.60	− 0 42.9	2.060	3.017	7.9	19.6
7 20	18 25.02	− 0 28.5	2.088	3.009	9.8	19.7
7 30	18 18.81	− 0 30.0	2.140	3.001	12.2	19.9
8 9	18 14.49	− 0 44.6	2.212	2.994	14.4	20.0
328178 2008 DZ_{23}			6 30.9 33°.13	1°.4/ 1.1 17		
5 31	19 4.38	−19 45.9	1.234	2.142	16.0	20.6
6 10	18 58.78	−19 47.7	1.186	2.150	11.4	20.3
6 20	18 50.60	−19 55.2	1.158	2.160	6.2	20.1
6 30	18 40.97	−20 6.6	1.154	2.170	1.5	19.8
7 10	18 31.37	−20 20.0	1.173	2.180	5.1	20.1
7 20	18 23.18	−20 33.9	1.216	2.191	10.1	20.4
7 30	18 17.52	−20 47.7	1.281	2.203	14.5	20.7
8 9	18 14.99	−21 1.0	1.364	2.215	18.2	20.9
80799 2000 CV_{94}			6 30.9 258°.59	1°.0/30.8 18		
5 31	19 7.19	−25 26.5	1.667	2.561	13.3	19.8
6 10	19 0.62	−25 33.1	1.589	2.548	9.5	19.6
6 20	18 51.62	−25 38.6	1.534	2.534	5.2	19.3
6 30	18 41.08	−25 40.2	1.504	2.520	1.1	19.0
7 10	18 30.24	−25 36.3	1.501	2.506	4.6	19.2
7 20	18 20.39	−25 26.7	1.523	2.491	9.2	19.4
7 30	18 12.68	−25 12.8	1.570	2.476	13.3	19.6
8 9	18 7.84	−24 56.7	1.636	2.461	16.9	19.8
13085 Borlaug			6 30.9 13°.75	0°.0/30.7 18		
5 31	19 3.53	−22 39.0	1.631	2.530	13.3	17.9
6 10	18 57.85	−22 46.4	1.570	2.532	9.4	17.7
6 20	18 50.02	−22 55.7	1.532	2.534	5.0	17.5
6 30	18 40.94	−23 4.7	1.519	2.536	0.4	17.1
7 10	18 31.78	−23 11.8	1.532	2.538	4.2	17.4
7 20	18 23.67	−23 16.4	1.570	2.541	8.6	17.7
7 30	18 17.60	−23 18.7	1.632	2.545	12.5	17.9
8 9	18 14.17	−23 19.4	1.714	2.548	15.8	18.2
328921 2010 UZ_{51}			6 30.9 212°.07	1°.2/ 1.1 17		
5 31	19 6.77	−19 21.1	1.876	2.760	12.5	21.7
6 10	19 0.00	−19 27.4	1.800	2.754	9.0	21.5
6 20	18 51.16	−19 38.0	1.749	2.747	5.0	21.2
6 30	18 41.03	−19 51.2	1.724	2.739	1.3	21.0
7 10	18 30.70	−20 5.5	1.727	2.731	4.1	21.1
7 20	18 21.23	−20 19.8	1.756	2.722	8.3	21.4
7 30	18 13.58	−20 33.7	1.811	2.713	12.1	21.6
8 9	18 8.41	−20 47.2	1.886	2.703	15.3	21.8
38959 2000 SE_{363}			6 30.9 130°.63	2°.0/30.6 18		
5 31	19 10.20	−27 27.7	1.578	2.470	14.0	19.7
6 10	19 2.59	−27 45.5	1.524	2.481	10.0	19.4
6 20	18 52.55	−27 59.9	1.492	2.491	5.6	19.2
6 30	18 41.15	−28 7.4	1.487	2.501	2.1	19.0
7 10	18 29.79	−28 6.2	1.508	2.511	5.0	19.2
7 20	18 19.79	−27 56.4	1.555	2.520	9.3	19.5
7 30	18 12.21	−27 40.5	1.626	2.528	13.2	19.7
8 9	18 7.66	−27 21.1	1.716	2.536	16.4	20.0
46080 2001 EV_{9}			6 30.9 22°.11	1°.9/ 1.3 18		
5 31	19 2.84	−17 29.0	1.661	2.554	13.4	19.2
6 10	18 57.30	−17 37.9	1.600	2.556	9.6	19.0
6 20	18 49.71	−17 53.7	1.561	2.559	5.5	18.8
6 30	18 40.93	−18 14.9	1.548	2.562	2.0	18.5
7 10	18 32.05	−18 39.7	1.561	2.566	4.4	18.7
7 20	18 24.14	−19 6.2	1.599	2.569	8.6	19.0
7 30	18 18.14	−19 33.1	1.661	2.573	12.4	19.2
8 9	18 14.65	−19 59.3	1.744	2.577	15.6	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
521432 2015 MT_{149}			6 30.9 320°.33		1°.1/30.9 18	
	h m	° ′			°	m
5 31	19 3.67	−21 49.2	2.074	2.962	11.3	20.7
6 10	18 57.57	−21 12.4	2.001	2.956	8.1	20.5
6 20	18 49.74	−20 35.3	1.952	2.951	4.4	20.3
6 30	18 40.93	−19 58.1	1.930	2.946	1.2	20.0
7 10	18 32.07	−19 21.8	1.937	2.941	3.8	20.2
7 20	18 24.06	−18 47.4	1.970	2.936	7.5	20.5
7 30	18 17.68	−18 16.3	2.028	2.931	10.9	20.7
8 9	18 13.47	−17 49.3	2.109	2.927	13.8	20.8
520073 2013 WC_{113}			6 30.9 203°.26		1°.0/30.8 17	
5 31	19 5.83	−25 43.8	1.906	2.796	12.1	21.8
6 10	18 59.30	−25 50.1	1.837	2.794	8.6	21.5
6 20	18 50.75	−25 54.8	1.793	2.792	4.7	21.3
6 30	18 41.01	−25 55.8	1.775	2.790	1.1	21.0
7 10	18 31.18	−25 51.9	1.784	2.788	4.1	21.3
7 20	18 22.31	−25 43.0	1.820	2.786	8.0	21.5
7 30	18 15.32	−25 30.3	1.880	2.783	11.7	21.7
8 9	18 10.80	−25 15.6	1.962	2.780	14.7	21.9
110938 2001 UK_{153}			6 30.9 153°.68		4°.6/29.6 18	
5 31	19 9.28	−33 41.5	2.044	2.923	11.9	20.4
6 10	19 1.83	−34 47.1	1.985	2.930	8.9	20.2
6 20	18 52.15	−35 46.4	1.951	2.936	6.0	20.1
6 30	18 41.13	−36 34.0	1.944	2.943	4.6	20.0
7 10	18 29.94	−37 6.3	1.965	2.948	6.1	20.1
7 20	18 19.75	−37 22.6	2.012	2.953	9.0	20.3
7 30	18 11.58	−37 24.6	2.084	2.958	11.9	20.5
8 9	18 6.10	−37 15.9	2.176	2.962	14.5	20.7
208831 2002 RM_{68}			6 30.9 256°.55		3°.6/30.3 18	
5 31	19 6.28	−32 34.7	2.124	3.007	11.3	20.6
6 10	18 59.68	−33 1.8	2.045	2.994	8.4	20.4
6 20	18 51.01	−33 23.2	1.989	2.980	5.3	20.2
6 30	18 41.04	−33 35.2	1.961	2.966	3.6	20.1
7 10	18 30.85	−33 35.6	1.959	2.952	5.2	20.1
7 20	18 21.49	−33 24.3	1.985	2.938	8.4	20.3
7 30	18 13.95	−33 3.1	2.034	2.923	11.6	20.5
8 9	18 8.90	−32 35.2	2.105	2.908	14.4	20.6
32245 2000 OM_{43}			6 30.9 236°.45		1°.1/30.8 18	
5 31	19 4.35	−26 50.2	2.243	3.129	10.7	18.1
6 10	18 58.03	−26 45.2	2.169	3.124	7.6	17.9
6 20	18 49.99	−26 37.5	2.120	3.119	4.2	17.7
6 30	18 40.97	−26 25.6	2.099	3.114	1.1	17.4
7 10	18 31.87	−26 8.8	2.106	3.109	3.6	17.6
7 20	18 23.59	−25 47.9	2.140	3.104	7.1	17.8
7 30	18 16.91	−25 24.0	2.200	3.099	10.3	18.0
8 9	18 12.37	−24 58.9	2.281	3.094	13.1	18.2
384834 2012 RR_{38}			6 30.9 263°.36		0°.6/30.9 18	
5 31	19 6.17	−23 16.4	1.910	2.798	12.1	20.1
6 10	18 59.53	−22 45.0	1.832	2.788	8.7	19.8
6 20	18 50.88	−22 12.0	1.777	2.777	4.7	19.6
6 30	18 41.04	−21 37.2	1.750	2.766	0.7	19.2
7 10	18 31.08	−21 1.1	1.750	2.756	4.0	19.5
7 20	18 22.04	−20 25.0	1.778	2.744	8.1	19.7
7 30	18 14.84	−19 50.8	1.830	2.733	11.9	19.9
8 9	18 10.09	−19 19.9	1.903	2.722	15.1	20.1
281879 2010 GW_{119}			6 30.9 29°.69		1°.6/30.6 18	
5 31	19 4.64	−26 7.0	1.821	2.715	12.3	20.5
6 10	18 58.56	−26 32.9	1.758	2.716	8.8	20.3
6 20	18 50.40	−26 58.0	1.717	2.717	4.8	20.1
6 30	18 41.01	−27 19.0	1.703	2.718	1.6	19.8
7 10	18 31.50	−27 33.8	1.716	2.719	4.4	20.0
7 20	18 22.97	−27 41.6	1.754	2.720	8.3	20.3
7 30	18 16.36	−27 43.0	1.817	2.721	11.9	20.5
8 9	18 12.30	−27 39.6	1.900	2.722	15.0	20.7
469010 2015 AP_{222}			6 30.9 15°.63		1°.2/30.8 17	
5 31	19 5.13	−25 0.7	1.082	1.999	16.9	18.9
6 10	18 59.45	−23 42.3	1.036	2.005	12.0	18.6
6 20	18 50.96	−22 19.3	1.010	2.014	6.5	18.3
6 30	18 41.04	−20 54.5	1.007	2.023	1.3	18.0
7 10	18 31.40	−19 32.4	1.028	2.035	5.5	18.4
7 20	18 23.49	−18 17.8	1.071	2.047	10.9	18.7
7 30	18 18.43	−17 14.6	1.135	2.061	15.6	19.0
8 9	18 16.72	−16 23.9	1.217	2.077	19.5	19.3
294501 2007 WT_{59}			6 30.9 76°.17		3°.5/30.2 17	
5 31	19 8.08	−28 26.7	1.398	2.298	14.9	20.0
6 10	19 1.54	−29 24.2	1.343	2.303	10.7	19.7
6 20	18 52.21	−30 19.5	1.310	2.308	6.3	19.5
6 30	18 41.19	−31 6.3	1.302	2.313	3.5	19.3
7 10	18 30.00	−31 39.8	1.318	2.317	6.2	19.5
7 20	18 20.17	−31 58.5	1.360	2.322	10.5	19.8
7 30	18 12.95	−32 4.2	1.423	2.327	14.6	20.0
8 9	18 9.09	−32 0.2	1.505	2.332	18.0	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
96404 1998 DB_{28}			6 30.9 172°.15		2°.1/ 1.2 17	
	h m	° ′			°	m
5 31	19 7.70	−17 41.7	1.788	2.670	13.1	20.5
6 10	19 0.61	−17 32.2	1.723	2.674	9.5	20.2
6 20	18 51.46	−17 27.8	1.681	2.677	5.5	20.0
6 30	18 41.12	−17 27.7	1.666	2.679	2.2	19.8
7 10	18 30.71	−17 31.1	1.678	2.681	4.5	20.0
7 20	18 21.30	−17 37.3	1.717	2.682	8.5	20.2
7 30	18 13.82	−17 45.9	1.780	2.682	12.3	20.4
8 9	18 8.89	−17 56.6	1.864	2.681	15.4	20.6
236887 2007 SP_{5}			6 30.9 288°.87		3°.7/ 1.4 18	
5 31	19 2.48	−13 33.8	1.838	2.720	12.8	20.7
6 10	18 57.00	−13 17.2	1.760	2.707	9.6	20.4
6 20	18 49.59	−13 9.0	1.704	2.694	6.2	20.2
6 30	18 40.98	−13 9.7	1.675	2.682	3.8	20.0
7 10	18 32.13	−13 19.0	1.671	2.669	5.3	20.1
7 20	18 24.04	−13 35.8	1.693	2.656	8.8	20.3
7 30	18 17.62	−13 58.7	1.739	2.644	12.4	20.5
8 9	18 13.51	−14 26.0	1.806	2.631	15.5	20.6
509713 2008 SZ_{105}			6 30.9 260°.53		2°.2/30.4 18	
5 31	19 6.84	−28 15.0	2.115	3.000	11.3	22.7
6 10	19 0.16	−28 43.0	2.024	2.977	8.2	22.5
6 20	18 51.35	−29 9.1	1.957	2.954	4.7	22.2
6 30	18 41.13	−29 29.7	1.917	2.930	2.2	22.0
7 10	18 30.52	−29 42.5	1.905	2.905	4.5	22.1
7 20	18 20.60	−29 46.3	1.921	2.880	8.2	22.3
7 30	18 12.39	−29 42.1	1.961	2.854	11.7	22.5
8 9	18 6.63	−29 32.0	2.023	2.828	14.8	22.6
251930 1999 VA_{210}			6 30.9 270°.63		0°.1/30.9 17	
5 31	19 2.62	−22 58.7	2.535	3.418	9.7	22.1
6 10	18 56.80	−23 9.6	2.441	3.395	6.9	21.9
6 20	18 49.39	−23 21.5	2.373	3.372	3.7	21.7
6 30	18 40.97	−23 32.9	2.332	3.349	0.3	21.3
7 10	18 32.28	−23 42.6	2.320	3.325	3.2	21.6
7 20	18 24.12	−23 49.7	2.336	3.300	6.6	21.7
7 30	18 17.25	−23 54.4	2.378	3.276	9.7	21.9
8 9	18 12.24	−23 57.1	2.443	3.251	12.5	22.0
431039 2006 BZ_{1}			6 30.9 248°.31		4°.3/ 2.1 18	
5 31	19 4.04	− 9 32.2	1.961	2.826	12.9	21.3
6 10	18 58.06	− 9 48.5	1.877	2.813	9.8	21.1
6 20	18 50.16	−10 18.1	1.817	2.799	6.6	20.8
6 30	18 41.03	−11 0.6	1.783	2.785	4.4	20.7
7 10	18 31.59	−11 54.1	1.776	2.771	5.5	20.7
7 20	18 22.80	−12 55.6	1.796	2.756	8.6	20.9
7 30	18 15.56	−14 1.7	1.842	2.740	12.1	21.0
8 9	18 10.56	−15 9.4	1.909	2.725	15.2	21.2
106189 2000 UM_{11}			6 30.9 320°.56		18°.2/24.4 18	
5 31	19 9.33	− 3 2.7	0.856	1.744	23.1	17.7
6 10	19 3.17	+ 1 19.3	0.804	1.731	20.2	17.4
6 20	18 53.41	+ 5 28.3	0.772	1.719	18.4	17.3
6 30	18 41.32	+ 9 1.7	0.759	1.707	18.5	17.2
7 10	18 28.83	+11 41.4	0.766	1.697	20.6	17.3
7 20	18 17.91	+13 19.3	0.788	1.687	23.8	17.4
7 30	18 10.23	+13 58.5	0.825	1.678	27.0	17.6
8 9	18 6.71	+13 50.4	0.871	1.670	30.0	17.8
399096 2014 DZ_{37}			6 30.9 87°.10		7°.7/ 3.4 18	
5 31	19 1.51	− 0 7.8	2.032	2.864	13.8	21.5
6 10	18 56.00	+ 0 3.2	1.972	2.871	11.4	21.4
6 20	18 48.91	− 0 4.2	1.934	2.878	9.2	21.2
6 30	18 40.93	− 0 31.3	1.921	2.886	7.8	21.2
7 10	18 32.89	− 1 17.1	1.932	2.893	8.1	21.2
7 20	18 25.61	− 2 18.7	1.969	2.900	9.8	21.3
7 30	18 19.81	− 3 32.0	2.031	2.907	12.1	21.5
8 9	18 16.00	− 4 52.2	2.113	2.914	14.4	21.7
60481 2000 DF_{42}			6 30.9 327°.37		1°.1/30.7 18	
5 31	19 3.05	−25 6.2	1.598	2.500	13.3	18.8
6 10	18 57.75	−25 19.9	1.526	2.489	9.5	18.5
6 20	18 50.12	−25 33.6	1.476	2.477	5.2	18.2
6 30	18 41.04	−25 44.6	1.450	2.466	1.1	17.9
7 10	18 31.71	−25 50.8	1.451	2.456	4.6	18.2
7 20	18 23.37	−25 51.4	1.476	2.446	9.1	18.4
7 30	18 17.10	−25 47.4	1.524	2.437	13.2	18.6
8 9	18 13.62	−25 40.0	1.591	2.428	16.7	18.8
250945 2005 YP_{214}			6 30.9 221°.86		4°.5/29.7 18	
5 31	19 5.80	−39 42.3	3.121	3.977	8.8	21.8
6 10	18 58.92	−40 16.3	3.042	3.966	6.9	21.6
6 20	18 50.47	−40 42.3	2.989	3.955	5.2	21.5
6 30	18 41.07	−40 57.2	2.963	3.943	4.5	21.4
7 10	18 31.51	−40 59.4	2.966	3.931	5.3	21.5
7 20	18 22.59	−40 48.8	2.996	3.919	7.1	21.6
7 30	18 15.05	−40 27.1	3.052	3.906	9.1	21.7
8 9	18 9.42	−39 57.0	3.130	3.892	11.0	21.8

267175 2000 MR_6 6 30.9 325°.94 10°.9/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.06	+ 1 19.0	1.332	2.187	18.4	18.9
6 10	18 55.88	+ 1 32.2	1.255	2.166	15.6	18.6
6 20	18 49.26	+ 1 16.4	1.196	2.147	12.8	18.4
6 30	18 40.99	+ 0 27.4	1.157	2.128	11.1	18.2
7 10	18 32.24	− 0 54.8	1.140	2.110	11.3	18.2
7 20	18 24.30	− 2 45.3	1.145	2.093	13.6	18.3
7 30	18 18.40	− 4 56.0	1.171	2.077	16.9	18.4
8 9	18 15.42	− 7 16.8	1.216	2.062	20.3	18.6

245557 2005 UE_{59} 6 30.9 306°.90 3°.7/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.90	−31 27.5	2.089	2.977	11.3	19.6
6 10	18 58.08	−32 22.2	2.016	2.968	8.3	19.4
6 20	18 50.21	−33 13.4	1.967	2.959	5.3	19.2
6 30	18 41.06	−33 56.7	1.946	2.950	3.7	19.0
7 10	18 31.64	−34 28.7	1.951	2.942	5.4	19.1
7 20	18 23.00	−34 48.0	1.983	2.934	8.5	19.3
7 30	18 16.11	−34 55.5	2.038	2.926	11.6	19.5
8 9	18 11.64	−34 53.5	2.115	2.918	14.3	19.7

505702 2015 AX_{11} 6 30.9 70°.49 9°.3/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 14.09	−44 42.9	1.545	2.410	15.7	20.8
6 10	19 5.95	−45 25.1	1.493	2.414	12.9	20.6
6 20	18 54.58	−45 47.7	1.461	2.419	10.4	20.5
6 30	18 41.41	−45 43.3	1.453	2.423	9.3	20.4
7 10	18 28.36	−45 9.6	1.468	2.427	10.2	20.5
7 20	18 17.20	−44 9.8	1.506	2.432	12.6	20.7
7 30	18 9.27	−42 51.1	1.567	2.436	15.4	20.9
8 9	18 5.16	−41 22.4	1.646	2.441	18.1	21.1

176401 2001 UT_{147} 6 30.9 192°.48 0°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.88	−21 45.5	2.627	3.507	9.5	21.8
6 10	18 56.81	−21 54.5	2.553	3.506	6.7	21.7
6 20	18 49.31	−22 5.0	2.505	3.503	3.6	21.5
6 30	18 40.99	−22 15.7	2.484	3.501	0.4	21.2
7 10	18 32.56	−22 25.3	2.493	3.498	3.0	21.4
7 20	18 24.76	−22 33.4	2.530	3.495	6.2	21.6
7 30	18 18.24	−22 39.9	2.594	3.491	9.1	21.8
8 9	18 13.49	−22 45.1	2.681	3.487	11.5	22.0

277509 2005 WL_{176} 6 30.9 160°.97 1°.6/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 6.17	−25 56.1	1.803	2.695	12.5	21.5
6 10	18 59.68	−26 24.8	1.739	2.697	8.9	21.3
6 20	18 51.04	−26 52.8	1.699	2.699	4.9	21.0
6 30	18 41.14	−27 16.8	1.685	2.700	1.6	20.8
7 10	18 31.11	−27 34.2	1.699	2.702	4.4	21.0
7 20	18 22.08	−27 44.2	1.738	2.703	8.4	21.2
7 30	18 15.04	−27 47.5	1.802	2.704	12.1	21.5
8 9	18 10.62	−27 45.7	1.886	2.705	15.2	21.7

335565 2006 BO_{267} 6 30.9 45°.83 7°.4/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 10.29	−39 46.2	1.433	2.318	15.6	19.6
6 10	19 2.99	−40 22.1	1.396	2.337	12.1	19.4
6 20	18 52.84	−40 41.7	1.380	2.356	8.9	19.3
6 30	18 41.27	−40 39.5	1.387	2.376	7.4	19.2
7 10	18 30.01	−40 14.0	1.418	2.397	8.6	19.3
7 20	18 20.58	−39 28.4	1.473	2.418	11.4	19.6
7 30	18 14.11	−38 28.8	1.550	2.439	14.5	19.8
8 9	18 11.08	−37 22.1	1.645	2.460	17.3	20.0

222581 2001 WW_{18} 6 30.9 142°.14 2°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 8.06	−28 9.6	2.234	3.114	10.9	21.5
6 10	19 0.61	−28 35.1	2.177	3.128	7.8	21.3
6 20	18 51.38	−28 57.6	2.144	3.141	4.4	21.1
6 30	18 41.17	−29 14.1	2.140	3.153	2.0	21.0
7 10	18 30.96	−29 22.9	2.164	3.164	4.1	21.1
7 20	18 21.69	−29 23.9	2.216	3.174	7.3	21.4
7 30	18 14.17	−29 18.3	2.294	3.184	10.4	21.6
8 9	18 8.92	−29 8.0	2.394	3.193	13.0	21.8

12547 1998 QL_{22} 6 30.9 285°.72 0°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.74	−23 59.0	2.273	3.161	10.5	18.3
6 10	18 56.94	−23 50.1	2.192	3.148	7.5	18.1
6 20	18 49.48	−23 40.6	2.136	3.136	4.0	17.9
6 30	18 41.02	−23 29.5	2.107	3.124	0.3	17.6
7 10	18 32.42	−23 16.2	2.107	3.112	3.4	17.8
7 20	18 24.54	−23 0.9	2.133	3.100	7.0	18.0
7 30	18 18.14	−22 44.5	2.185	3.088	10.3	18.2
8 9	18 13.76	−22 28.1	2.259	3.076	13.1	18.4

342673 2008 VD_{31} 6 30.9 349°.58 1°.8/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	18 59.22	−23 43.5	1.119	2.041	16.0	19.9
6 10	18 55.75	−24 39.0	1.056	2.029	11.5	19.6
6 20	18 49.35	−25 40.3	1.014	2.018	6.3	19.2
6 30	18 41.03	−26 41.7	0.994	2.009	1.9	18.9
7 10	18 32.32	−27 37.0	0.996	2.002	5.9	19.2
7 20	18 24.83	−28 22.0	1.020	1.997	11.2	19.4
7 30	18 20.01	−28 55.2	1.064	1.993	16.1	19.7
8 9	18 18.72	−29 17.5	1.125	1.991	20.2	20.0

198158 2004 TP_{69} 6 30.9 255°.34 0°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 4.93	−22 21.6	1.794	2.687	12.6	20.2
6 10	18 58.87	−22 44.9	1.721	2.680	9.0	19.9
6 20	18 50.67	−23 11.1	1.672	2.672	4.8	19.7
6 30	18 41.14	−23 37.3	1.648	2.665	0.4	19.3
7 10	18 31.37	−24 1.2	1.652	2.657	4.1	19.6
7 20	18 22.48	−24 21.1	1.682	2.650	8.4	19.8
7 30	18 15.47	−24 37.0	1.736	2.642	12.3	20.0
8 9	18 11.01	−24 49.2	1.810	2.634	15.5	20.2

330871 2009 RF 6 30.9 338°.50 0°.6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 1.74	−21 47.2	1.138	2.055	16.3	20.3
6 10	18 57.44	−21 46.7	1.072	2.041	11.7	20.0
6 20	18 50.22	−21 49.9	1.025	2.029	6.4	19.7
6 30	18 41.11	−21 55.1	1.001	2.017	0.8	19.3
7 10	18 31.67	−22 0.3	0.999	2.007	5.4	19.6
7 20	18 23.48	−22 4.5	1.020	1.998	11.0	19.8
7 30	18 17.94	−22 7.9	1.060	1.990	16.1	20.1
8 9	18 15.88	−22 10.7	1.118	1.984	20.4	20.3

20711 1999 XF_{12} 6 30.9 170°.63 4°.5/ 1.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.59	− 5 37.6	3.262	4.097	9.0	19.0
6 10	18 54.90	− 5 5.2	3.192	4.101	7.2	18.9
6 20	18 48.20	− 4 41.1	3.148	4.104	5.5	18.8
6 30	18 40.94	− 4 26.3	3.132	4.107	4.6	18.7
7 10	18 33.64	− 4 21.1	3.144	4.110	5.0	18.8
7 20	18 26.81	− 4 25.1	3.184	4.112	6.6	18.9
7 30	18 20.94	− 4 37.3	3.250	4.113	8.4	19.0
8 9	18 16.37	− 4 56.1	3.339	4.114	10.1	19.1

207698 2007 RG_{58} 6 30.9 295°.93 2°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 3.07	−17 27.7	1.778	2.668	12.8	20.4
6 10	18 57.63	−17 23.2	1.691	2.646	9.3	20.2
6 20	18 50.06	−17 24.6	1.627	2.624	5.5	19.9
6 30	18 41.11	−17 31.3	1.589	2.602	2.2	19.6
7 10	18 31.79	−17 42.4	1.576	2.580	4.6	19.7
7 20	18 23.19	−17 56.9	1.590	2.558	8.8	19.9
7 30	18 16.34	−18 13.9	1.627	2.537	12.8	20.1
8 9	18 11.97	−18 32.6	1.685	2.515	16.2	20.3

234085 1999 TE_{104} 6 30.9 319°.54 11°.2/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 10.36	−47 2.0	1.528	2.392	16.0	19.1
6 10	19 3.97	−48 21.0	1.461	2.375	13.6	18.9
6 20	18 53.92	−49 21.7	1.415	2.359	11.8	18.7
6 30	18 41.43	−49 54.2	1.390	2.343	11.3	18.7
7 10	18 28.46	−49 52.9	1.387	2.327	12.3	18.7
7 20	18 17.05	−49 18.1	1.405	2.313	14.6	18.8
7 30	18 8.95	−48 15.9	1.444	2.298	17.3	18.9
8 9	18 5.06	−46 55.3	1.498	2.285	19.9	19.1

151674 2003 AQ_6 6 30.9 223°.20 0°.6/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 7.05	−24 18.3	1.926	2.814	12.1	20.8
6 10	19 0.26	−24 28.1	1.850	2.805	8.6	20.6
6 20	18 51.38	−24 37.8	1.797	2.797	4.7	20.3
6 30	18 41.21	−24 45.2	1.771	2.787	0.7	20.0
7 10	18 30.83	−24 48.6	1.773	2.777	4.0	20.2
7 20	18 21.33	−24 47.5	1.801	2.767	8.1	20.5
7 30	18 13.67	−24 42.8	1.855	2.756	11.9	20.7
8 9	18 8.53	−24 35.9	1.930	2.745	15.0	20.9

311393 2005 TA_{47} 6 30.9 269°.73 4°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 0.93	−10 35.1	2.240	3.108	11.4	20.6
6 10	18 55.63	−10 32.6	2.164	3.101	8.7	20.4
6 20	18 48.78	−10 39.8	2.111	3.093	5.9	20.2
6 30	18 41.00	−10 57.0	2.084	3.085	4.0	20.1
7 10	18 33.05	−11 23.2	2.085	3.078	5.0	20.2
7 20	18 25.73	−11 57.0	2.113	3.070	7.7	20.3
7 30	18 19.74	−12 36.2	2.165	3.062	10.6	20.5
8 9	18 15.63	−13 18.7	2.240	3.054	13.3	20.6

162124 1998 SC_{69} 6 30.9 258°.42 4°.9/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 9.16	−37 4.1	2.026	2.901	12.1	19.9
6 10	19 1.86	−37 18.4	1.948	2.888	9.3	19.7
6 20	18 52.26	−37 22.2	1.894	2.876	6.5	19.5
6 30	18 41.29	−37 11.4	1.866	2.863	4.9	19.4
7 10	18 30.17	−36 44.4	1.865	2.850	6.3	19.4
7 20	18 20.13	−36 2.4	1.890	2.837	9.1	19.6
7 30	18 12.20	−35 9.1	1.940	2.824	12.3	19.7
8 9	18 7.04	−34 9.4	2.010	2.810	15.1	19.9

84160 2002 RV_{85} 6 30.9 256°.56 4°.5/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 31	19 2.32	− 9 56.6	2.163	3.028	11.9	19.8
6 10	18 56.70	− 9 44.4	2.080	3.014	9.1	19.6
6 20	18 49.40	− 9 42.3	2.020	3.000	6.3	19.4
6 30	18 41.05	− 9 51.0	1.986	2.985	4.5	19.3
7 10	18 32.48	−10 10.0	1.980	2.970	5.5	19.3
7 20	18 24.52	−10 38.1	2.000	2.954	8.2	19.4
7 30	18 17.95	−11 13.4	2.045	2.939	11.3	19.6
8 9	18 13.37	−11 53.6	2.112	2.923	14.1	19.8

305384 2008 CO_{39} 6 30.9 304.°78 0.°8/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.44	−20 39.6	1.985	2.875	11.6	21.2
6 10	18 56.91	−20 42.5	1.910	2.867	8.3	21.0
6 20	18 49.54	−20 48.3	1.860	2.860	4.5	20.7
6 30	18 41.08	−20 55.7	1.836	2.852	0.9	20.4
7 10	18 32.44	−21 3.6	1.839	2.845	3.8	20.6
7 20	18 24.59	−21 11.2	1.869	2.837	7.7	20.9
7 30	18 18.36	−21 18.4	1.923	2.830	11.2	21.1
8 9	18 14.36	−21 25.1	1.998	2.823	14.3	21.3

499690 2010 WG_{48} 6 30.9 155.°15 0.°4/30.9 17

5 31	19 7.48	−21 46.5	1.896	2.782	12.3	22.4
6 10	19 0.40	−21 50.6	1.834	2.789	8.8	22.2
6 20	18 51.37	−21 56.3	1.796	2.795	4.7	22.0
6 30	18 41.22	−22 2.0	1.785	2.801	0.6	21.7
7 10	18 31.04	−22 6.3	1.802	2.807	3.9	22.0
7 20	18 21.86	−22 8.9	1.845	2.811	7.9	22.2
7 30	18 14.56	−22 10.1	1.914	2.816	11.5	22.5
8 9	18 9.71	−22 10.5	2.004	2.819	14.6	22.7

82725 2001 PV_{51} 6 30.9 225.°62 0.°7/ 1.0 18

5 31	19 3.31	−20 37.2	2.159	3.045	11.0	19.9
6 10	18 57.37	−20 41.0	2.086	3.041	7.9	19.7
6 20	18 49.74	−20 47.3	2.038	3.037	4.3	19.4
6 30	18 41.09	−20 55.0	2.016	3.032	0.8	19.2
7 10	18 32.32	−21 3.0	2.022	3.027	3.5	19.4
7 20	18 24.28	−21 10.5	2.056	3.023	7.2	19.6
7 30	18 17.79	−21 17.4	2.115	3.018	10.5	19.8
8 9	18 13.38	−21 23.8	2.195	3.013	13.4	20.0

425596 2010 UP_{9} 6 30.9 321.°27 3.°2/30.4 17

5 31	19 4.22	−27 42.4	1.150	2.065	16.3	20.9
6 10	18 59.50	−28 18.1	1.078	2.046	11.8	20.5
6 20	18 51.50	−28 53.1	1.025	2.027	6.9	20.2
6 30	18 41.27	−29 21.4	0.995	2.009	3.2	19.9
7 10	18 30.46	−29 38.4	0.988	1.992	6.6	20.1
7 20	18 20.91	−29 42.2	1.003	1.976	11.9	20.3
7 30	18 14.23	−29 34.5	1.037	1.960	17.0	20.5
8 9	18 11.43	−29 18.7	1.088	1.946	21.4	20.8

509211 2006 SZ_{140} 6 30.9 268.°23 0.°3/30.9 18

5 31	19 8.06	−22 23.6	1.761	2.650	13.0	22.5
6 10	19 1.34	−22 21.9	1.667	2.623	9.4	22.2
6 20	18 52.16	−22 21.2	1.596	2.596	5.1	21.9
6 30	18 41.32	−22 19.9	1.551	2.568	0.5	21.5
7 10	18 29.98	−22 16.5	1.534	2.539	4.4	21.7
7 20	18 19.40	−22 10.7	1.543	2.510	9.1	22.0
7 30	18 10.75	−22 3.4	1.576	2.480	13.4	22.1
8 9	18 4.89	−21 55.7	1.629	2.449	17.2	22.3

304680 2006 WP_{109} 6 30.9 250.°10 0.°1/30.9 18

5 31	19 2.91	−22 9.6	2.331	3.216	10.4	21.3
6 10	18 57.06	−22 18.6	2.250	3.205	7.4	21.1
6 20	18 49.58	−22 29.2	2.195	3.194	4.0	20.9
6 30	18 41.09	−22 39.8	2.167	3.183	0.4	20.6
7 10	18 32.42	−22 49.2	2.167	3.172	3.3	20.8
7 20	18 24.41	−22 56.8	2.194	3.160	6.9	21.0
7 30	18 17.81	−23 2.4	2.247	3.148	10.1	21.2
8 9	18 13.20	−23 6.5	2.323	3.136	12.9	21.4

69126 2003 EC_{60} 6 30.9 126.°80 7.°5/ 3.3 18

5 31	19 0.82	+ 1 44.9	2.427	3.241	12.4	19.7
6 10	18 55.34	+ 2 4.9	2.367	3.249	10.4	19.6
6 20	18 48.54	+ 2 8.6	2.329	3.257	8.6	19.5
6 30	18 41.00	+ 1 54.3	2.315	3.265	7.6	19.4
7 10	18 33.42	+ 1 22.7	2.328	3.272	7.8	19.5
7 20	18 26.47	+ 0 35.5	2.365	3.279	9.2	19.6
7 30	18 20.77	− 0 24.1	2.427	3.286	11.0	19.7
8 9	18 16.76	− 1 32.0	2.511	3.293	12.9	19.8

438779 2008 VR_{12} 6 30.9 195.°78 0.°3/30.8 18

5 31	19 4.85	−21 10.4	2.150	3.034	11.2	20.6
6 10	18 58.57	−22 5.1	2.078	3.032	7.9	20.4
6 20	18 50.45	−23 4.2	2.031	3.031	4.2	20.1
6 30	18 41.19	−24 4.3	2.013	3.029	0.5	19.8
7 10	18 31.69	−25 1.7	2.023	3.027	3.6	20.1
7 20	18 22.88	−25 53.8	2.061	3.025	7.4	20.3
7 30	18 15.65	−26 39.3	2.124	3.022	10.7	20.5
8 9	18 10.60	−27 18.1	2.210	3.019	13.6	20.7

355709 2008 FH_{104} 6 30.9 77.°23 2.°3/ 1.5 16

5 31	19 1.46	−15 26.8	2.236	3.115	11.0	21.0
6 10	18 55.93	−15 32.8	2.176	3.124	8.0	20.8
6 20	18 48.91	−15 45.1	2.139	3.133	4.8	20.6
6 30	18 41.05	−16 3.0	2.130	3.142	2.3	20.5
7 10	18 33.16	−16 25.3	2.149	3.150	3.8	20.6
7 20	18 26.00	−16 50.4	2.195	3.159	7.0	20.8
7 30	18 20.25	−17 17.3	2.266	3.168	10.0	21.0
8 9	18 16.40	−17 44.7	2.359	3.177	12.6	21.2

229509 2005 WM_{86} 6 30.9 114.°51 3.°8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 8.47	−30 19.0	1.827	2.715	12.6	20.7
6 10	19 1.39	−31 24.8	1.774	2.726	9.2	20.5
6 20	18 52.03	−32 26.8	1.745	2.738	5.7	20.4
6 30	18 41.32	−33 19.2	1.742	2.749	3.8	20.3
7 10	18 30.50	−33 58.2	1.767	2.760	5.7	20.4
7 20	18 20.77	−34 22.6	1.818	2.770	9.1	20.6
7 30	18 13.17	−34 33.7	1.893	2.780	12.3	20.8
8 9	18 8.35	−34 34.6	1.988	2.790	15.1	21.1

370922 2005 NY_{35} 6 30.9 0.°13 5.°8/ 1.5 17

5 31	19 1.17	−12 47.4	1.127	2.034	17.3	20.0
6 10	18 56.78	−12 5.4	1.073	2.031	13.1	19.8
6 20	18 49.74	−11 36.6	1.037	2.029	8.7	19.5
6 30	18 41.13	−11 23.2	1.023	2.028	5.9	19.4
7 10	18 32.40	−11 25.8	1.031	2.029	7.6	19.4
7 20	18 24.94	−11 42.9	1.060	2.031	11.8	19.7
7 30	18 19.96	−12 11.6	1.110	2.034	16.1	19.9
8 9	18 18.15	−12 47.9	1.177	2.038	19.9	20.2

206524 2003 UQ_{156} 6 30.9 224.°88 2.°2/ 1.4 18

5 31	19 3.46	−16 1.2	2.064	2.945	11.7	20.8
6 10	18 57.56	−16 10.5	1.990	2.939	8.5	20.6
6 20	18 49.89	−16 26.7	1.939	2.934	5.0	20.4
6 30	18 41.15	−16 48.7	1.915	2.928	2.2	20.2
7 10	18 32.23	−17 14.9	1.919	2.922	4.1	20.3
7 20	18 24.03	−17 43.7	1.950	2.915	7.6	20.5
7 30	18 17.37	−18 13.8	2.006	2.909	11.0	20.7
8 9	18 12.85	−18 44.0	2.084	2.902	14.0	20.9

443010 2013 CE_{212} 6 30.9 162.°87 1.°1/30.7 18

5 31	19 3.65	−26 42.6	2.561	3.444	9.6	22.3
6 10	18 57.40	−26 51.2	2.494	3.447	6.8	22.1
6 20	18 49.68	−26 57.9	2.452	3.451	3.8	21.9
6 30	18 41.13	−27 1.0	2.439	3.453	1.2	21.7
7 10	18 32.53	−26 59.6	2.453	3.456	3.3	21.9
7 20	18 24.66	−26 53.5	2.496	3.458	6.4	22.1
7 30	18 18.18	−26 43.6	2.565	3.461	9.2	22.3
8 9	18 13.58	−26 31.2	2.657	3.462	11.7	22.4

294636 2008 AH_{50} 6 30.9 117.°83 1.°1/30.8 17

5 31	19 8.54	−24 57.2	1.601	2.495	13.8	21.9
6 10	19 1.45	−25 15.5	1.547	2.506	9.7	21.7
6 20	18 52.04	−25 33.2	1.516	2.517	5.3	21.4
6 30	18 41.34	−25 47.2	1.511	2.527	1.1	21.2
7 10	18 30.64	−25 55.4	1.532	2.537	4.5	21.4
7 20	18 21.20	−25 57.4	1.579	2.547	8.9	21.7
7 30	18 14.02	−25 54.5	1.650	2.556	12.8	22.0
8 9	18 9.71	−25 48.3	1.741	2.565	16.1	22.2

160042 1999 NW_{64} 6 30.9 302.°17 3.°7/ 1.9 18

5 31	19 3.57	−12 0.1	1.619	2.502	14.2	19.3
6 10	18 58.31	−12 29.7	1.524	2.472	10.8	19.1
6 20	18 50.64	−13 14.8	1.450	2.441	6.9	18.8
6 30	18 41.25	−14 14.7	1.401	2.411	3.8	18.5
7 10	18 31.20	−15 26.5	1.379	2.380	5.5	18.5
7 20	18 21.72	−16 45.7	1.382	2.350	9.8	18.7
7 30	18 14.03	−18 7.8	1.408	2.320	14.2	18.9
8 9	18 9.06	−19 28.9	1.455	2.290	18.1	19.1

311621 2006 QZ_{12} 6 30.9 331.°38 2.°6/ 1.6 17

5 31	19 2.54	−14 51.6	1.178	2.084	16.7	20.2
6 10	18 57.98	−15 31.1	1.110	2.072	12.3	19.9
6 20	18 50.57	−16 27.1	1.062	2.061	7.2	19.6
6 30	18 41.24	−17 36.5	1.036	2.050	2.8	19.3
7 10	18 31.44	−18 54.1	1.034	2.040	5.6	19.5
7 20	18 22.72	−20 13.9	1.055	2.032	11.0	19.7
7 30	18 16.49	−21 30.7	1.097	2.024	16.0	20.0
8 9	18 13.67	−22 41.2	1.156	2.017	20.2	20.2

437485 2013 YP_{55} 6 30.9 102.°67 1.°1/ 1.0 17

5 31	19 6.07	−20 39.6	1.928	2.814	12.2	21.6
6 10	18 59.28	−20 24.7	1.874	2.829	8.6	21.4
6 20	18 50.72	−20 11.8	1.845	2.844	4.7	21.2
6 30	18 41.23	−20 0.3	1.843	2.858	1.2	21.0
7 10	18 31.82	−19 49.8	1.868	2.872	3.9	21.2
7 20	18 23.44	−19 40.5	1.920	2.886	7.7	21.5
7 30	18 16.87	−19 32.8	1.997	2.900	11.1	21.7
8 9	18 12.60	−19 26.8	2.095	2.913	13.9	21.9

522958 2016 PP_{114} 6 30.9 0.°17 1.°0/ 1.1 16

5 31	19 2.89	−19 51.7	1.939	2.829	11.9	21.5
6 10	18 57.21	−19 55.3	1.873	2.829	8.5	21.3
6 20	18 49.71	−20 2.4	1.830	2.829	4.7	21.1
6 30	18 41.15	−20 11.9	1.813	2.829	1.1	20.8
7 10	18 32.49	−20 22.5	1.824	2.829	3.8	21.0
7 20	18 24.67	−20 33.4	1.861	2.829	7.7	21.3
7 30	18 18.53	−20 44.1	1.922	2.830	11.2	21.5
8 9	18 14.63	−20 54.5	2.005	2.830	14.2	21.7

520991 2015 AZ_{286} 6 30.9 29°.24 6°.9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 7.44	−34 40.9	1.365	2.264	15.3	20.6
6 10	19 1.41	−36 16.1	1.318	2.271	11.6	20.4
6 20	18 52.34	−37 43.0	1.293	2.279	8.3	20.2
6 30	18 41.40	−38 52.4	1.292	2.287	6.9	20.2
7 10	18 30.25	−39 38.5	1.315	2.296	8.8	20.3
7 20	18 20.56	−40 0.0	1.361	2.306	12.1	20.5
7 30	18 13.71	−40 0.0	1.427	2.316	15.5	20.7
8 9	18 10.47	−39 44.4	1.512	2.326	18.5	21.0

95830 2003 FN_{92} 6 30.9 40°.14 1°.2/ 1.2 18

5 31	19 4.40	−19 6.1	1.507	2.404	14.2	19.5
6 10	18 58.63	−19 23.0	1.450	2.410	10.2	19.3
6 20	18 50.60	−19 45.9	1.415	2.415	5.6	19.0
6 30	18 41.25	−20 12.8	1.405	2.421	1.3	18.7
7 10	18 31.81	−20 40.9	1.421	2.427	4.5	19.0
7 20	18 23.49	−21 8.4	1.462	2.434	9.0	19.3
7 30	18 17.30	−21 34.1	1.526	2.440	13.1	19.5
8 9	18 13.88	−21 57.5	1.609	2.447	16.5	19.8

133648 2003 UE_{155} 6 30.9 263°.44 1°.1/30.7 18

5 31	19 4.85	−24 44.7	1.913	2.805	12.0	19.8
6 10	18 58.82	−25 13.0	1.837	2.794	8.5	19.5
6 20	18 50.70	−25 42.1	1.784	2.784	4.7	19.3
6 30	18 41.27	−26 8.9	1.758	2.773	1.2	19.0
7 10	18 31.58	−26 31.1	1.759	2.763	4.1	19.2
7 20	18 22.69	−26 47.2	1.786	2.752	8.2	19.4
7 30	18 15.60	−26 57.3	1.838	2.741	11.9	19.6
8 9	18 10.99	−27 2.6	1.911	2.730	15.0	19.8

322745 2000 WY_{19} 6 30.9 217°.55 0°.5/ 1.0 17

5 31	19 8.12	−21 28.2	1.796	2.683	12.9	22.5
6 10	19 1.15	−21 31.8	1.720	2.675	9.2	22.2
6 20	18 51.95	−21 37.7	1.667	2.666	5.0	22.0
6 30	18 41.38	−21 44.0	1.641	2.657	0.7	21.6
7 10	18 30.57	−21 49.3	1.642	2.647	4.2	21.9
7 20	18 20.68	−21 52.8	1.670	2.637	8.6	22.1
7 30	18 12.74	−21 54.9	1.723	2.626	12.5	22.3
8 9	18 7.45	−21 56.4	1.796	2.614	15.9	22.5

408208 2013 EM_{49} 6 30.9 32°.94 3°.0/ 1.3 17

5 31	19 5.36	−17 31.9	1.063	1.974	17.7	20.7
6 10	18 59.83	−17 18.0	1.016	1.981	12.8	20.5
6 20	18 51.40	−17 13.2	0.988	1.988	7.4	20.2
6 30	18 41.33	−17 16.7	0.983	1.997	3.0	20.0
7 10	18 31.27	−17 27.1	1.000	2.006	6.0	20.2
7 20	18 22.78	−17 42.6	1.039	2.015	11.2	20.5
7 30	18 17.11	−18 1.8	1.099	2.025	16.0	20.8
8 9	18 14.89	−18 22.9	1.175	2.036	20.0	21.1

476992 2008 YA_{104} 6 30.9 226°.67 0°.6/30.8 16

5 31	19 4.99	−24 43.7	2.085	2.973	11.3	21.9
6 10	18 58.69	−24 49.7	2.012	2.968	8.0	21.6
6 20	18 50.53	−24 55.1	1.962	2.962	4.3	21.4
6 30	18 41.27	−24 58.1	1.940	2.956	0.7	21.1
7 10	18 31.87	−24 57.4	1.945	2.950	3.7	21.3
7 20	18 23.29	−24 52.8	1.978	2.944	7.5	21.6
7 30	18 16.39	−24 45.1	2.035	2.937	10.9	21.8
8 9	18 11.74	−24 35.4	2.114	2.930	13.9	22.0

53420 1999 RH_{4} 6 30.9 357°.90 0°.9/30.9 18

5 31	19 4.09	−26 24.2	1.968	2.860	11.7	17.4
6 10	18 58.07	−26 13.3	1.901	2.859	8.3	17.2
6 20	18 50.18	−25 59.6	1.858	2.858	4.5	16.9
6 30	18 41.24	−25 42.0	1.842	2.858	1.0	16.7
7 10	18 32.27	−25 20.0	1.853	2.858	3.8	16.9
7 20	18 24.23	−24 54.5	1.890	2.858	7.7	17.1
7 30	18 17.98	−24 27.1	1.952	2.858	11.1	17.3
8 9	18 14.05	−23 59.4	2.036	2.859	14.1	17.5

471382 2011 SW_{120} 6 30.9 271°.23 0°.4/30.9 18

5 31	19 3.54	−23 11.1	2.039	2.929	11.4	21.7
6 10	18 57.74	−23 30.0	1.964	2.921	8.1	21.5
6 20	18 50.07	−23 50.5	1.912	2.913	4.4	21.2
6 30	18 41.24	−24 10.3	1.888	2.904	0.5	20.9
7 10	18 32.21	−24 27.4	1.890	2.896	3.7	21.1
7 20	18 23.94	−24 41.0	1.920	2.887	7.6	21.4
7 30	18 17.31	−24 50.8	1.974	2.879	11.1	21.6
8 9	18 12.93	−24 57.5	2.050	2.870	14.1	21.8

472762 2015 FR_{119} 6 30.9 55°.39 8°.8/ 3.6 17

5 31	19 3.14	− 0 58.5	1.531	2.381	16.6	20.8
6 10	18 57.46	− 0 41.6	1.488	2.399	13.6	20.6
6 20	18 49.85	− 0 47.5	1.465	2.418	10.7	20.5
6 30	18 41.21	− 1 17.5	1.464	2.437	9.0	20.5
7 10	18 32.63	− 2 9.7	1.488	2.456	9.3	20.5
7 20	18 25.15	− 3 19.7	1.535	2.476	11.3	20.7
7 30	18 19.60	− 4 41.7	1.605	2.495	14.0	20.9
8 9	18 16.51	− 6 9.6	1.694	2.515	16.6	21.1

22710 1998 RF_{75} 6 30.9 22°.35 4°.8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.32	− 8 42.4	2.226	3.089	11.6	18.2
6 10	18 55.16	− 8 24.2	2.160	3.091	9.0	18.0
6 20	18 48.55	− 8 16.6	2.117	3.092	6.4	17.9
6 30	18 41.11	− 8 20.2	2.101	3.094	4.8	17.8
7 10	18 33.58	− 8 34.9	2.111	3.096	5.6	17.8
7 20	18 26.73	− 8 59.2	2.147	3.098	7.9	18.0
7 30	18 21.22	− 9 31.4	2.208	3.100	10.6	18.1
8 9	18 17.54	−10 8.8	2.291	3.103	13.1	18.3

290088 2005 QL_{98} 6 30.9 278°.47 0°.3/30.9 17

5 31	19 5.73	−22 34.6	1.605	2.502	13.6	21.2
6 10	18 59.79	−22 55.6	1.526	2.486	9.7	20.9
6 20	18 51.38	−23 19.7	1.470	2.471	5.3	20.6
6 30	18 41.37	−23 44.0	1.439	2.455	0.5	20.2
7 10	18 30.97	−24 5.8	1.434	2.439	4.5	20.5
7 20	18 21.47	−24 23.4	1.454	2.424	9.3	20.8
7 30	18 14.05	−24 36.6	1.497	2.408	13.6	21.0
8 9	18 9.51	−24 46.2	1.560	2.392	17.3	21.2

497720 2006 SC_{150} 6 30.9 246°.31 4°.4/ 1.4 17

5 31	19 5.44	−12 51.4	1.677	2.557	14.0	21.9
6 10	18 59.30	−12 27.4	1.601	2.547	10.5	21.6
6 20	18 51.00	−12 12.7	1.548	2.536	6.9	21.4
6 30	18 41.33	−12 8.3	1.520	2.525	4.4	21.2
7 10	18 31.41	−12 14.1	1.518	2.514	6.0	21.3
7 20	18 22.36	−12 29.1	1.541	2.502	9.6	21.5
7 30	18 15.18	−12 51.8	1.588	2.491	13.4	21.7
8 9	18 10.59	−13 20.1	1.655	2.479	16.8	21.9

333161 2012 BM_{133} 6 30.9 121°.88 1°.4/ 1.2 16

5 31	19 8.40	−18 59.6	1.676	2.563	13.6	22.3
6 10	19 1.18	−19 5.8	1.624	2.578	9.7	22.0
6 20	18 51.86	−19 16.7	1.595	2.593	5.4	21.8
6 30	18 41.40	−19 30.6	1.592	2.607	1.5	21.6
7 10	18 30.98	−19 45.7	1.616	2.620	4.3	21.8
7 20	18 21.72	−20 0.9	1.666	2.634	8.5	22.1
7 30	18 14.55	−20 15.7	1.741	2.646	12.3	22.4
8 9	18 10.02	−20 30.1	1.836	2.658	15.5	22.6

272395 2005 SS_{289} 6 30.9 80°.20 4°.1/30.3 17

5 31	19 8.30	−31 43.4	1.597	2.490	13.8	20.7
6 10	19 1.48	−32 24.2	1.545	2.499	10.1	20.5
6 20	18 52.17	−32 58.7	1.515	2.508	6.3	20.3
6 30	18 41.44	−33 21.7	1.511	2.518	4.1	20.2
7 10	18 30.68	−33 30.4	1.532	2.527	6.1	20.3
7 20	18 21.24	−33 25.1	1.578	2.536	9.7	20.5
7 30	18 14.22	−33 8.2	1.648	2.545	13.3	20.8
8 9	18 10.23	−32 43.9	1.737	2.554	16.4	21.0

63530 2001 PG_{20} 6 30.9 156°.49 7°.9/ 2.4 18

5 31	19 1.67	+ 0 25.9	2.284	3.106	12.8	19.5
6 10	18 56.07	+ 1 8.6	2.221	3.110	10.7	19.4
6 20	18 49.03	+ 1 35.5	2.180	3.113	8.9	19.3
6 30	18 41.17	+ 1 44.5	2.164	3.116	7.9	19.2
7 10	18 33.25	+ 1 35.0	2.174	3.119	8.3	19.2
7 20	18 25.99	+ 1 8.3	2.208	3.121	9.8	19.3
7 30	18 20.05	+ 0 27.1	2.266	3.123	11.7	19.5
8 9	18 15.91	− 0 24.8	2.345	3.125	13.7	19.6

312365 2008 DR_{81} 6 30.9 335°.17 2°.3/ 1.4 18

5 31	19 1.47	−16 22.1	2.041	2.926	11.6	20.7
6 10	18 56.17	−16 16.6	1.971	2.923	8.5	20.5
6 20	18 49.17	−16 17.1	1.925	2.919	5.0	20.3
6 30	18 41.19	−16 23.2	1.904	2.916	2.4	20.1
7 10	18 33.08	−16 33.9	1.911	2.913	4.1	20.2
7 20	18 25.72	−16 48.4	1.944	2.911	7.6	20.4
7 30	18 19.88	−17 5.6	2.002	2.908	10.9	20.6
8 9	18 16.11	−17 24.6	2.081	2.906	13.8	20.8

46940 1998 SK_{74} 6 30.9 189°.73 0°.7/ 1.1 18

5 31	19 4.05	−19 55.4	2.327	3.208	10.5	19.7
6 10	18 57.84	−20 9.3	2.255	3.207	7.5	19.5
6 20	18 50.03	−20 26.4	2.208	3.206	4.1	19.3
6 30	18 41.26	−20 45.2	2.188	3.204	0.8	19.1
7 10	18 32.37	−21 4.3	2.197	3.202	3.3	19.3
7 20	18 24.17	−21 22.5	2.234	3.199	6.8	19.5
7 30	18 17.41	−21 39.3	2.297	3.196	10.0	19.7
8 9	18 12.62	−21 54.8	2.382	3.193	12.7	19.9

335590 2006 DV_{123} 6 30.9 244°.05 7°.3/ 2.5 18

5 31	19 2.75	− 3 18.4	1.908	2.755	14.0	20.8
6 10	18 57.16	− 2 58.0	1.835	2.748	11.3	20.6
6 20	18 49.76	− 2 54.1	1.784	2.742	8.8	20.4
6 30	18 41.26	− 3 8.6	1.757	2.735	7.3	20.3
7 10	18 32.57	− 3 41.3	1.756	2.727	7.9	20.4
7 20	18 24.60	− 4 29.8	1.780	2.720	10.1	20.5
7 30	18 18.19	− 5 30.8	1.828	2.713	12.8	20.6
8 9	18 13.95	− 6 39.7	1.896	2.705	15.5	20.8

242155 2003 EV_{38} 6 30.9 53°.26 3°.7/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 10.90	−32 54.5	1.374	2.270	15.5	19.3
6 10	19 3.23	−32 43.4	1.335	2.291	11.2	19.1
6 20	18 52.98	−32 21.7	1.317	2.312	6.8	18.9
6 30	18 41.52	−31 46.8	1.324	2.334	3.8	18.8
7 10	18 30.47	−30 59.2	1.356	2.356	5.9	19.0
7 20	18 21.21	−30 2.7	1.412	2.378	9.9	19.3
7 30	18 14.75	−29 2.3	1.492	2.400	13.7	19.6
8 9	18 11.53	−28 2.5	1.591	2.423	17.0	19.8

465383 2008 EE_{168} 6 30.9 22°.47 2°.3/30.4 17

5 31	19 4.31	−24 41.7	1.158	2.072	16.3	19.8
6 10	18 59.20	−25 45.4	1.111	2.079	11.5	19.5
6 20	18 51.16	−26 51.8	1.084	2.087	6.4	19.3
6 30	18 41.39	−27 54.0	1.081	2.096	2.4	19.0
7 10	18 31.50	−28 46.2	1.101	2.105	5.9	19.3
7 20	18 23.08	−29 25.3	1.144	2.116	10.9	19.6
7 30	18 17.42	−29 51.4	1.207	2.128	15.4	19.9
8 9	18 15.24	−30 6.5	1.289	2.140	19.1	20.2

361488 2007 DH_{110} 6 30.9 184°.69 5°.7/ 2.6 18

5 31	19 0.14	− 1 58.4	2.876	3.701	10.4	21.6
6 10	18 54.80	− 1 40.9	2.805	3.701	8.5	21.5
6 20	18 48.30	− 1 35.2	2.757	3.701	6.8	21.4
6 30	18 41.14	− 1 42.6	2.735	3.700	5.8	21.3
7 10	18 33.90	− 2 2.7	2.741	3.699	6.1	21.3
7 20	18 27.15	− 2 34.4	2.773	3.697	7.6	21.4
7 30	18 21.44	− 3 15.6	2.831	3.695	9.4	21.5
8 9	18 17.17	− 4 3.9	2.911	3.693	11.3	21.7

262257 2006 SF_{326} 6 30.9 163°.00 3°.0/30.4 17

5 31	19 8.44	−28 58.8	1.607	2.500	13.7	21.2
6 10	19 1.63	−29 35.5	1.545	2.502	9.9	21.0
6 20	18 52.31	−30 8.8	1.507	2.504	5.8	20.7
6 30	18 41.49	−30 34.0	1.494	2.505	3.0	20.6
7 10	18 30.52	−30 47.9	1.507	2.507	5.5	20.7
7 20	18 20.74	−30 50.2	1.545	2.508	9.5	21.0
7 30	18 13.30	−30 42.5	1.607	2.508	13.4	21.2
8 9	18 8.87	−30 28.0	1.688	2.509	16.6	21.4

35411 1997 YX_{16} 6 30.9 276°.51 0°.7/30.8 18

5 31	19 6.79	−22 26.4	1.416	2.316	14.8	18.4
6 10	19 0.83	−23 8.2	1.342	2.304	10.6	18.1
6 20	18 52.09	−23 55.2	1.289	2.291	5.8	17.8
6 30	18 41.49	−24 43.1	1.261	2.278	0.9	17.4
7 10	18 30.41	−25 27.3	1.259	2.265	5.0	17.7
7 20	18 20.34	−26 4.6	1.281	2.252	10.2	18.0
7 30	18 12.64	−26 34.2	1.326	2.239	14.8	18.2
8 9	18 8.19	−26 56.8	1.389	2.225	18.7	18.4

146536 2001 SZ_{226} 6 30.9 276°.84 0°.7/ 1.1 18

5 31	19 2.93	−20 15.7	2.043	2.931	11.5	20.1
6 10	18 57.28	−20 27.8	1.969	2.924	8.2	19.9
6 20	18 49.83	−20 43.6	1.918	2.918	4.5	19.6
6 30	18 41.28	−21 1.3	1.895	2.911	0.8	19.3
7 10	18 32.55	−21 19.5	1.898	2.904	3.7	19.6
7 20	18 24.56	−21 36.9	1.929	2.897	7.5	19.8
7 30	18 18.16	−21 52.9	1.984	2.890	11.0	20.0
8 9	18 13.93	−22 7.5	2.061	2.883	14.0	20.2

510576 2012 RW_{23} 6 30.9 305°.35 1°.3/ 1.2 18

5 31	19 3.24	−18 48.0	1.622	2.518	13.5	21.1
6 10	18 57.96	−19 2.1	1.542	2.501	9.8	20.9
6 20	18 50.40	−19 22.8	1.485	2.484	5.5	20.6
6 30	18 41.34	−19 48.3	1.452	2.468	1.5	20.3
7 10	18 31.91	−20 16.4	1.446	2.452	4.5	20.4
7 20	18 23.31	−20 45.1	1.464	2.436	9.1	20.7
7 30	18 16.63	−21 13.0	1.506	2.420	13.3	20.9
8 9	18 12.65	−21 39.3	1.568	2.405	16.9	21.1

222676 2001 YZ_{39} 6 30.9 119°.21 3°.4/30.1 18

5 31	19 9.35	−30 23.1	2.047	2.928	11.8	20.6
6 10	19 1.80	−31 21.7	1.997	2.946	8.5	20.4
6 20	18 52.22	−32 15.9	1.972	2.964	5.2	20.3
6 30	18 41.48	−33 1.0	1.974	2.981	3.4	20.2
7 10	18 30.71	−33 33.9	2.005	2.997	5.1	20.3
7 20	18 20.97	−33 53.8	2.063	3.013	8.3	20.5
7 30	18 13.19	−34 2.0	2.145	3.028	11.3	20.8
8 9	18 7.94	−34 1.4	2.249	3.043	13.8	21.0

193455 2000 WH_{181} 6 30.9 257°.58 12°.0/26.8 17

5 31	19 16.96	−52 40.0	1.903	2.726	15.0	20.0
6 10	19 8.74	−54 23.0	1.843	2.715	13.3	19.9
6 20	18 56.66	−55 46.1	1.804	2.705	12.2	19.8
6 30	18 41.91	−56 39.7	1.788	2.694	12.0	19.7
7 10	18 26.49	−56 58.2	1.794	2.684	12.9	19.8
7 20	18 12.58	−56 41.8	1.821	2.673	14.4	19.9
7 30	18 2.06	−55 56.4	1.868	2.662	16.3	20.0
8 9	17 55.93	−54 50.6	1.931	2.651	18.2	20.1

444122 2004 TZ_{193} 6 30.9 264°.57 0°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.42	−23 4.2	2.527	3.410	9.7	21.7
6 10	18 56.70	−23 6.0	2.441	3.395	6.9	21.5
6 20	18 49.45	−23 8.4	2.380	3.380	3.7	21.3
6 30	18 41.27	−23 10.0	2.348	3.364	0.3	21.0
7 10	18 32.91	−23 10.0	2.343	3.348	3.1	21.2
7 20	18 25.14	−23 8.1	2.367	3.332	6.5	21.4
7 30	18 18.67	−23 4.5	2.416	3.316	9.5	21.5
8 9	18 14.04	−22 59.9	2.489	3.300	12.2	21.7

398927 2013 CQ_{178} 6 30.9 77°.57 7°.1/ 4.5 18

5 31	19 2.30	+ 1 59.5	2.321	3.134	12.9	21.0
6 10	18 56.45	+ 1 38.5	2.265	3.150	10.7	20.8
6 20	18 49.23	+ 0 58.9	2.230	3.165	8.6	20.7
6 30	18 41.24	+ 0 0.7	2.222	3.181	7.2	20.7
7 10	18 33.25	− 1 13.9	2.240	3.197	7.3	20.7
7 20	18 25.96	− 2 41.2	2.285	3.213	8.8	20.8
7 30	18 20.00	− 4 16.8	2.355	3.228	10.8	21.0
8 9	18 15.82	− 5 55.9	2.450	3.244	12.8	21.2

364205 2006 QQ_{104} 6 30.9 13°.55 13°.7/ 2.8 17

5 31	18 50.38	− 5 20.5	0.603	1.538	23.5	18.2
6 10	18 49.84	− 3 22.0	0.585	1.548	19.4	18.1
6 20	18 46.22	− 2 0.1	0.580	1.562	15.8	17.9
6 30	18 40.98	− 1 23.3	0.590	1.580	13.8	17.9
7 10	18 35.94	− 1 32.0	0.615	1.601	14.4	18.1
7 20	18 32.63	− 2 19.0	0.656	1.626	16.9	18.3
7 30	18 32.15	− 3 32.9	0.712	1.653	20.2	18.7
8 9	18 34.96	− 5 0.6	0.782	1.684	23.3	19.0

437642 2014 BW_{40} 6 30.9 4°.26 0°.5/30.8 17

5 31	19 3.82	−22 58.7	1.736	2.632	12.7	20.6
6 10	18 58.15	−23 26.0	1.672	2.632	9.0	20.3
6 20	18 50.38	−23 55.5	1.631	2.632	4.9	20.1
6 30	18 41.36	−24 24.5	1.616	2.633	0.6	19.8
7 10	18 32.18	−24 50.3	1.628	2.633	4.1	20.0
7 20	18 23.94	−25 11.4	1.665	2.634	8.4	20.3
7 30	18 17.63	−25 27.5	1.726	2.635	12.1	20.5
8 9	18 13.86	−25 39.2	1.807	2.636	15.4	20.7

64280 2001 TC_{235} 6 30.9 250°.82 0°.8/30.8 17

5 31	19 8.28	−22 12.2	1.463	2.360	14.6	19.6
6 10	19 1.86	−23 1.1	1.388	2.348	10.5	19.3
6 20	18 52.66	−23 55.7	1.335	2.336	5.7	19.0
6 30	18 41.58	−24 51.4	1.308	2.324	0.9	18.7
7 10	18 30.00	−25 43.1	1.306	2.311	5.0	18.9
7 20	18 19.40	−26 27.2	1.329	2.298	10.1	19.2
7 30	18 11.14	−27 2.8	1.376	2.285	14.7	19.4
8 9	18 6.11	−27 30.5	1.441	2.271	18.5	19.6

233881 2008 WO_{101} 6 30.9 255°.02 3°.2/30.4 16

5 31	19 6.52	−30 30.6	1.891	2.780	12.2	20.6
6 10	19 0.11	−31 2.9	1.819	2.772	8.9	20.4
6 20	18 51.47	−31 31.1	1.770	2.765	5.4	20.2
6 30	18 41.46	−31 51.0	1.748	2.757	3.2	20.0
7 10	18 31.23	−32 0.1	1.752	2.749	5.2	20.1
7 20	18 21.94	−31 57.9	1.783	2.741	8.8	20.3
7 30	18 14.62	−31 46.0	1.837	2.733	12.2	20.5
8 9	18 9.96	−31 27.3	1.912	2.725	15.3	20.7

71968 2000 WE_{120} 6 30.9 161°.24 0°.7/30.9 17

5 31	19 9.63	−25 14.4	1.691	2.580	13.4	20.1
6 10	19 2.22	−25 10.3	1.628	2.585	9.5	19.8
6 20	18 52.53	−25 4.3	1.589	2.589	5.1	19.6
6 30	18 41.55	−24 54.5	1.577	2.593	0.8	19.3
7 10	18 30.56	−24 39.9	1.591	2.596	4.3	19.6
7 20	18 20.75	−24 21.2	1.632	2.599	8.7	19.8
7 30	18 13.14	−24 0.3	1.697	2.601	12.6	20.1
8 9	18 8.34	−23 39.0	1.783	2.603	15.9	20.3

19203 1992 HJ_{2} 6 30.9 139°.30 3°.0/30.3 18

5 31	19 8.96	−27 28.4	1.444	2.343	14.7	18.9
6 10	19 2.24	−28 23.5	1.386	2.346	10.6	18.6
6 20	18 52.76	−29 17.5	1.350	2.349	6.1	18.4
6 30	18 41.59	−30 4.3	1.339	2.351	3.0	18.2
7 10	18 30.21	−30 39.5	1.354	2.354	5.8	18.4
7 20	18 20.10	−31 1.3	1.393	2.357	10.2	18.6
7 30	18 12.54	−31 10.8	1.455	2.359	14.3	18.9
8 9	18 8.25	−31 11.1	1.536	2.361	17.8	19.1

476287 2007 VG_{242} 6 30.9 272°.02 3°.0/ 1.6 18

5 31	19 3.32	−13 44.3	2.109	2.984	11.7	21.6
6 10	18 57.62	−13 48.9	2.017	2.962	8.7	21.4
6 20	18 50.09	−14 2.0	1.949	2.939	5.5	21.1
6 30	18 41.36	−14 23.2	1.908	2.917	3.1	20.9
7 10	18 32.29	−14 51.4	1.894	2.893	4.5	21.0
7 20	18 23.78	−15 24.8	1.907	2.870	8.0	21.2
7 30	18 16.71	−16 1.8	1.945	2.846	11.4	21.3
8 9	18 11.74	−16 40.6	2.005	2.822	14.5	21.5

62807 2000 UL_{40} 6 30.9 170°.45 1°.8/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 1.88	−16 24.7	2.613	3.488	9.8	20.0
6 10	18 56.16	−16 28.5	2.543	3.490	7.1	19.9
6 20	18 49.09	−16 37.0	2.499	3.492	4.2	19.7
6 30	18 41.26	−16 49.7	2.482	3.494	1.9	19.5
7 10	18 33.36	−17 5.4	2.494	3.495	3.4	19.6
7 20	18 26.05	−17 23.4	2.534	3.497	6.2	19.8
7 30	18 19.96	−17 42.7	2.600	3.497	9.0	20.0
8 9	18 15.56	−18 2.8	2.689	3.498	11.4	20.2

124480 2001 RP_{13} 6 30.9 186°.87 0°.9/ 1.1 17

5 31	19 9.27	−20 47.2	1.610	2.499	14.0	20.3
6 10	19 2.09	−20 44.4	1.543	2.499	10.0	20.1
6 20	18 52.54	−20 44.5	1.499	2.498	5.5	19.8
6 30	18 41.57	−20 45.8	1.481	2.497	1.1	19.5
7 10	18 30.47	−20 47.1	1.490	2.495	4.5	19.7
7 20	18 20.47	−20 47.8	1.525	2.493	9.1	20.0
7 30	18 12.67	−20 48.4	1.584	2.490	13.2	20.2
8 9	18 7.73	−20 49.5	1.663	2.486	16.7	20.5

294921 2008 DU_{37} 6 30.9 103°.33 3°.3/30.4 16

5 31	19 5.76	−33 1.8	2.330	3.210	10.6	20.7
6 10	18 59.09	−33 24.2	2.275	3.221	7.8	20.6
6 20	18 50.71	−33 40.3	2.244	3.233	4.9	20.4
6 30	18 41.41	−33 47.2	2.240	3.245	3.3	20.3
7 10	18 32.13	−33 43.8	2.264	3.256	4.7	20.4
7 20	18 23.77	−33 30.4	2.315	3.267	7.4	20.6
7 30	18 17.10	−33 8.9	2.392	3.278	10.1	20.8
8 9	18 12.62	−32 42.0	2.490	3.289	12.5	21.0

86158 1999 RY_{203} 6 30.9 51°.41 4°.7/ 1.3 18

5 31	19 2.27	−10 41.8	2.226	3.092	11.5	19.3
6 10	18 56.55	− 9 53.5	2.159	3.093	8.8	19.1
6 20	18 49.35	− 9 13.1	2.116	3.094	6.2	19.0
6 30	18 41.30	− 8 42.2	2.100	3.095	4.7	18.9
7 10	18 33.21	− 8 21.8	2.111	3.096	5.7	18.9
7 20	18 25.84	− 8 12.0	2.148	3.097	8.1	19.1
7 30	18 19.86	− 8 12.0	2.211	3.098	10.8	19.3
8 9	18 15.76	− 8 20.1	2.294	3.099	13.3	19.4

243899 2001 DA_{12} 6 30.9 146°.36 1°.3/ 1.3 18

5 31	19 1.53	−17 48.1	2.618	3.495	9.6	20.5
6 10	18 55.92	−17 59.9	2.551	3.500	6.9	20.4
6 20	18 48.98	−18 15.8	2.509	3.505	3.9	20.2
6 30	18 41.27	−18 34.9	2.496	3.510	1.4	20.0
7 10	18 33.50	−18 55.8	2.510	3.514	3.1	20.1
7 20	18 26.33	−19 17.5	2.553	3.518	6.1	20.3
7 30	18 20.39	−19 39.1	2.623	3.522	8.9	20.5
8 9	18 16.13	−20 0.3	2.715	3.526	11.3	20.7

380887 2006 DZ_{41} 6 30.9 187°.94 11°.2/28.2 18

5 31	19 27.00	−60 52.8	2.623	3.374	13.2	22.0
6 10	19 15.41	−62 5.0	2.570	3.373	12.1	21.9
6 20	19 0.01	−62 55.2	2.538	3.372	11.4	21.9
6 30	18 42.26	−63 15.9	2.527	3.369	11.2	21.8
7 10	18 24.32	−63 3.9	2.540	3.366	11.6	21.9
7 20	18 8.37	−62 21.2	2.574	3.363	12.5	21.9
7 30	17 56.05	−61 13.7	2.628	3.358	13.6	22.0
8 9	17 48.11	−59 49.5	2.700	3.353	14.8	22.1

208838 2002 RL_{144} 6 30.9 251°.77 2°.3/ 1.4 18

5 31	19 3.38	−16 8.7	2.156	3.035	11.3	21.4
6 10	18 57.55	−16 3.5	2.073	3.022	8.3	21.2
6 20	18 50.00	−16 4.0	2.015	3.009	5.0	20.9
6 30	18 41.37	−16 9.9	1.984	2.996	2.4	20.7
7 10	18 32.53	−16 20.3	1.981	2.982	4.1	20.8
7 20	18 24.34	−16 34.5	2.004	2.968	7.6	21.0
7 30	18 17.61	−16 51.4	2.053	2.954	10.9	21.2
8 9	18 12.94	−17 10.3	2.123	2.940	13.8	21.4

299707 2006 QF_{164} 6 30.9 325°.08 7°.8/ 1.0 18

5 31	19 1.64	− 6 48.4	1.658	2.527	14.6	20.0
6 10	18 56.63	− 5 36.5	1.584	2.513	11.8	19.8
6 20	18 49.61	− 4 36.9	1.532	2.499	9.1	19.6
6 30	18 41.34	− 3 53.7	1.504	2.486	7.8	19.5
7 10	18 32.85	− 3 29.4	1.500	2.473	8.7	19.5
7 20	18 25.16	− 3 24.4	1.520	2.461	11.3	19.7
7 30	18 19.22	− 3 37.1	1.561	2.450	14.4	19.8
8 9	18 15.69	− 4 4.0	1.622	2.439	17.4	20.0

404643 2014 HX_{27} 6 30.9 341°.92 0°.6/30.9 18

5 31	19 1.90	−23 51.5	1.698	2.598	12.7	20.6
6 10	18 56.90	−24 6.8	1.627	2.589	9.1	20.3
6 20	18 49.79	−24 23.3	1.580	2.581	4.9	20.1
6 30	18 41.37	−24 38.7	1.558	2.574	0.7	19.7
7 10	18 32.75	−24 50.9	1.561	2.567	4.2	20.0
7 20	18 25.04	−24 59.0	1.590	2.561	8.5	20.2
7 30	18 19.23	−25 3.2	1.642	2.556	12.4	20.5
8 9	18 15.97	−25 4.3	1.714	2.551	15.7	20.7

342828 2008 XP_{35} 6 30.9 297°.10 0°.1/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 5.11	−23 20.3	1.669	2.565	13.2	21.0
6 10	18 59.31	−23 11.4	1.586	2.546	9.4	20.8
6 20	18 51.16	−23 2.5	1.525	2.526	5.2	20.5
6 30	18 41.51	−22 52.1	1.490	2.506	0.5	20.1
7 10	18 31.51	−22 39.5	1.480	2.486	4.3	20.3
7 20	18 22.41	−22 24.8	1.496	2.467	9.0	20.5
7 30	18 15.29	−22 9.2	1.536	2.448	13.2	20.7
8 9	18 10.92	−21 53.9	1.596	2.429	16.9	20.9

102704 1999 VO_{87} 6 30.9 205°.69 5°.3/29.4 18

5 31	19 8.82	−36 25.5	2.173	3.046	11.5	20.1
6 10	19 1.72	−37 29.9	2.104	3.042	8.8	19.9
6 20	18 52.37	−38 26.9	2.060	3.038	6.4	19.8
6 30	18 41.61	−39 11.2	2.043	3.033	5.3	19.7
7 10	18 30.56	−39 39.0	2.053	3.028	6.6	19.8
7 20	18 20.38	−39 49.8	2.089	3.022	9.2	19.9
7 30	18 12.12	−39 45.2	2.150	3.017	11.9	20.1
8 9	18 6.50	−39 29.0	2.231	3.010	14.4	20.2

244769 2003 SR_{131} 6 30.9 297°.93 1°.2/ 1.1 17

5 31	19 5.49	−20 15.5	1.337	2.240	15.3	20.6
6 10	18 59.97	−20 15.0	1.262	2.224	11.1	20.3
6 20	18 51.68	−20 19.3	1.207	2.208	6.2	20.0
6 30	18 41.56	−20 26.9	1.176	2.192	1.4	19.6
7 10	18 31.00	−20 36.1	1.169	2.176	5.1	19.9
7 20	18 21.49	−20 45.6	1.186	2.160	10.4	20.1
7 30	18 14.37	−20 55.2	1.225	2.145	15.2	20.3
8 9	18 10.50	−21 4.9	1.282	2.129	19.4	20.6

312217 2007 VF_{322} 6 30.9 171°.68 0°.3/ 1.1 17

5 31	19 7.48	−20 22.6	1.569	2.462	14.0	20.6
6 10	19 0.93	−20 55.6	1.506	2.463	10.0	20.4
6 20	18 51.99	−21 34.1	1.465	2.465	5.4	20.1
6 30	18 41.58	−22 14.6	1.449	2.466	0.6	19.8
7 10	18 30.97	−22 53.7	1.461	2.467	4.4	20.1
7 20	18 21.43	−23 28.9	1.498	2.467	9.1	20.3
7 30	18 14.05	−23 59.4	1.558	2.467	13.2	20.6
8 9	18 9.55	−24 25.1	1.639	2.467	16.7	20.8

305526 2008 FB_{64} 6 30.9 119°.94 1°.5/30.7 18

5 31	19 4.57	−27 24.3	2.342	3.227	10.4	21.5
6 10	18 58.21	−27 35.3	2.282	3.236	7.4	21.3
6 20	18 50.25	−27 43.7	2.247	3.245	4.1	21.1
6 30	18 41.42	−27 47.8	2.239	3.253	1.5	20.9
7 10	18 32.58	−27 46.3	2.259	3.262	3.6	21.1
7 20	18 24.57	−27 39.3	2.307	3.270	6.8	21.3
7 30	18 18.11	−27 27.9	2.381	3.278	9.8	21.5
8 9	18 13.69	−27 13.5	2.477	3.286	12.3	21.7

284445 2007 EU_{86} 6 30.9 122°.06 2°.5/30.7 17

5 31	19 9.91	−29 58.6	2.044	2.925	11.8	21.7
6 10	19 2.08	−30 14.7	1.993	2.943	8.5	21.5
6 20	18 52.34	−30 25.6	1.967	2.961	4.9	21.3
6 30	18 41.61	−30 28.5	1.967	2.978	2.5	21.2
7 10	18 30.97	−30 22.1	1.996	2.995	4.5	21.4
7 20	18 21.47	−30 7.0	2.053	3.011	7.8	21.6
7 30	18 13.95	−29 45.5	2.134	3.026	11.0	21.8
8 9	18 8.91	−29 20.2	2.238	3.041	13.6	22.0

464890 2005 NZ_{124} 6 30.9 329°.10 4°.6/ 1.8 17

5 31	19 1.91	−13 3.5	1.259	2.159	16.3	20.9
6 10	18 57.41	−12 57.9	1.189	2.146	12.2	20.7
6 20	18 50.28	−13 6.2	1.139	2.133	7.9	20.4
6 30	18 41.45	−13 28.9	1.111	2.120	4.7	20.2
7 10	18 32.24	−14 4.2	1.107	2.109	6.5	20.2
7 20	18 24.04	−14 49.3	1.125	2.098	11.0	20.5
7 30	18 18.13	−15 40.5	1.165	2.088	15.5	20.7
8 9	18 15.34	−16 34.1	1.222	2.079	19.5	20.9

71402 2000 AM_{170} 6 30.9 291°.03 7°.6/ 1.1 18

5 31	19 3.10	− 5 59.3	1.793	2.653	14.1	18.9
6 10	18 57.59	− 4 54.0	1.715	2.637	11.4	18.7
6 20	18 50.12	− 4 0.8	1.659	2.622	8.9	18.5
6 30	18 41.43	− 3 23.6	1.627	2.606	7.6	18.4
7 10	18 32.49	− 3 4.5	1.620	2.591	8.5	18.4
7 20	18 24.27	− 3 3.8	1.638	2.575	11.0	18.5
7 30	18 17.72	− 3 19.8	1.678	2.560	14.0	18.7
8 9	18 13.47	− 3 49.2	1.738	2.545	16.8	18.8

281817 2009 WK_{215} 6 30.9 169°.88 0°.3/ 1.1 18

5 31	19 6.07	−19 44.7	2.284	3.161	10.8	21.2
6 10	18 59.37	−20 25.6	2.215	3.166	7.7	21.0
6 20	18 50.95	−21 10.8	2.171	3.169	4.2	20.8
6 30	18 41.51	−21 57.6	2.156	3.172	0.5	20.5
7 10	18 31.90	−22 43.4	2.170	3.174	3.4	20.7
7 20	18 23.01	−23 25.9	2.212	3.176	6.9	20.9
7 30	18 15.61	−24 4.1	2.281	3.177	10.1	21.2
8 9	18 10.28	−24 37.8	2.372	3.178	12.9	21.3

494822 2007 TT_{104} 6 30.9 179°.60 1°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 9.00	−24 56.7	1.703	2.593	13.3	22.4
6 10	19 1.92	−25 25.8	1.638	2.595	9.4	22.2
6 20	18 52.49	−25 55.2	1.596	2.595	5.2	21.9
6 30	18 41.65	−26 21.1	1.580	2.596	1.3	21.6
7 10	18 30.63	−26 40.8	1.592	2.596	4.5	21.9
7 20	18 20.68	−26 53.1	1.629	2.595	8.8	22.1
7 30	18 12.88	−26 58.8	1.691	2.594	12.7	22.4
8 9	18 7.89	−26 59.7	1.773	2.592	16.0	22.6

102564 1999 UH_{30} 6 30.9 87°.99 1°.4/30.8 17

5 31	19 9.10	−25 7.5	1.472	2.369	14.6	19.9
6 10	19 2.01	−25 35.0	1.426	2.386	10.3	19.7
6 20	18 52.48	−26 1.9	1.402	2.403	5.6	19.5
6 30	18 41.64	−26 24.5	1.404	2.419	1.4	19.2
7 10	18 30.87	−26 40.0	1.431	2.436	4.8	19.5
7 20	18 21.50	−26 47.8	1.484	2.452	9.3	19.8
7 30	18 14.57	−26 49.3	1.560	2.468	13.3	20.1
8 9	18 10.66	−26 46.3	1.656	2.484	16.6	20.4

118969 2000 WC_{156} 6 30.9 204°.33 2°.3/30.4 18

5 31	19 4.24	−30 49.4	2.866	3.742	8.9	21.3
6 10	18 57.90	−31 11.1	2.790	3.737	6.5	21.1
6 20	18 50.10	−31 29.0	2.740	3.732	3.9	20.9
6 30	18 41.44	−31 40.8	2.718	3.726	2.3	20.8
7 10	18 32.66	−31 45.3	2.725	3.720	3.7	20.9
7 20	18 24.50	−31 42.2	2.760	3.713	6.3	21.0
7 30	18 17.63	−31 32.4	2.822	3.706	8.8	21.2
8 9	18 12.56	−31 17.5	2.907	3.699	11.1	21.3

445244 2009 OX_{22} 6 30.9 305°.98 5°.6/29.1 18

5 31	19 5.38	−36 7.8	2.071	2.952	11.7	20.5
6 10	18 59.51	−37 19.0	1.991	2.932	9.0	20.3
6 20	18 51.32	−38 24.4	1.934	2.913	6.6	20.2
6 30	18 41.56	−39 18.1	1.904	2.894	5.6	20.1
7 10	18 31.34	−39 55.9	1.900	2.875	7.0	20.1
7 20	18 21.84	−40 16.0	1.921	2.856	9.7	20.2
7 30	18 14.21	−40 19.5	1.966	2.838	12.6	20.4
8 9	18 9.25	−40 9.8	2.030	2.819	15.3	20.5

72628 2001 FR_{29} 6 30.9 91°.08 5°.7/ 2.6 18

5 31	19 2.98	− 6 31.1	1.885	2.745	13.6	19.3
6 10	18 57.29	− 6 32.6	1.825	2.752	10.6	19.1
6 20	18 49.85	− 6 49.2	1.787	2.759	7.7	18.9
6 30	18 41.42	− 7 21.0	1.775	2.766	5.8	18.8
7 10	18 32.91	− 8 6.5	1.788	2.774	6.4	18.9
7 20	18 25.22	− 9 2.5	1.827	2.781	9.0	19.0
7 30	18 19.15	−10 5.7	1.891	2.788	11.9	19.2
8 9	18 15.24	−11 12.1	1.976	2.794	14.6	19.4

396568 2000 AZ_{101} 6 30.9 222°.05 0°.4/ 1.1 18

5 31	19 4.98	−20 58.1	2.800	3.673	9.2	22.5
6 10	18 58.43	−21 11.2	2.711	3.660	6.6	22.3
6 20	18 50.41	−21 26.2	2.648	3.645	3.6	22.1
6 30	18 41.48	−21 41.8	2.614	3.630	0.5	21.8
7 10	18 32.35	−21 56.7	2.609	3.614	2.9	22.0
7 20	18 23.73	−22 10.2	2.635	3.597	6.1	22.2
7 30	18 16.30	−22 21.9	2.687	3.579	9.0	22.3
8 9	18 10.58	−22 32.1	2.763	3.561	11.4	22.5

186264 2001 YT_{65} 6 30.9 128°.50 0°.9/30.7 18

5 31	19 3.93	−25 20.4	2.924	3.801	8.8	21.3
6 10	18 57.51	−25 48.1	2.867	3.818	6.2	21.2
6 20	18 49.82	−26 15.2	2.837	3.835	3.4	21.0
6 30	18 41.42	−26 39.6	2.836	3.851	1.0	20.8
7 10	18 33.01	−26 59.9	2.864	3.866	2.9	21.0
7 20	18 25.24	−27 15.3	2.921	3.881	5.7	21.2
7 30	18 18.71	−27 26.2	3.005	3.896	8.2	21.4
8 9	18 13.82	−27 33.1	3.113	3.909	10.3	21.6

127215 2002 HY_{15} 6 30.9 157°.12 1°.8/ 1.5 18

5 31	19 5.01	−15 50.4	2.035	2.913	12.0	19.6
6 10	18 58.73	−16 22.9	1.968	2.917	8.7	19.4
6 20	18 50.65	−17 3.2	1.926	2.921	5.0	19.2
6 30	18 41.51	−17 49.3	1.911	2.925	1.9	19.0
7 10	18 32.21	−18 38.3	1.924	2.928	3.9	19.1
7 20	18 23.69	−19 27.7	1.965	2.931	7.5	19.3
7 30	18 16.78	−20 15.4	2.032	2.934	10.9	19.6
8 9	18 12.06	−21 0.3	2.120	2.936	13.8	19.8

24373 2000 AN_{143} 6 30.9 316°.69 7°.9/ 2.3 18

5 31	19 0.84	− 4 53.1	1.544	2.412	15.6	17.4
6 10	18 56.38	− 4 29.4	1.457	2.385	12.7	17.2
6 20	18 49.68	− 4 24.1	1.390	2.359	9.8	16.9
6 30	18 41.44	− 4 40.2	1.346	2.333	8.0	16.7
7 10	18 32.72	− 5 18.2	1.326	2.307	8.7	16.7
7 20	18 24.66	− 6 16.1	1.329	2.282	11.6	16.8
7 30	18 18.40	− 7 29.4	1.354	2.258	15.2	17.0
8 9	18 14.75	− 8 52.6	1.398	2.235	18.6	17.1

476472 2008 FP_2 6 30.9 248°.69 5°.2/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 7.06	−38 12.7	2.221	3.093	11.3	21.2
6 10	19 0.33	−38 44.2	2.154	3.090	8.8	21.0
6 20	18 51.56	−39 6.1	2.111	3.087	6.4	20.9
6 30	18 41.59	−39 14.2	2.094	3.084	5.2	20.8
7 10	18 31.52	−39 6.7	2.104	3.081	6.3	20.8
7 20	18 22.43	−38 44.1	2.140	3.078	8.7	21.0
7 30	18 15.24	−38 9.2	2.200	3.075	11.4	21.2
8 9	18 10.55	−37 26.0	2.281	3.072	13.8	21.3

510930 2013 EK_{58} 6 30.9 9°.07 5°.1/30.0 18

5 31	19 5.90	−37 38.0	2.222	3.097	11.2	21.4
6 10	18 59.49	−38 14.7	2.159	3.097	8.6	21.2
6 20	18 51.10	−38 42.3	2.120	3.097	6.3	21.1
6 30	18 41.55	−38 56.8	2.107	3.098	5.1	21.0
7 10	18 31.90	−38 56.3	2.121	3.098	6.2	21.1
7 20	18 23.21	−38 41.0	2.160	3.099	8.6	21.2
7 30	18 16.37	−38 13.4	2.224	3.099	11.2	21.4
8 9	18 11.96	−37 37.2	2.308	3.100	13.6	21.6

288171 2003 WA_{164} 6 30.9 292°.66 2°.3/30.4 18

5 31	19 5.00	−26 52.9	1.801	2.695	12.5	20.6
6 10	18 59.17	−27 37.4	1.727	2.685	8.9	20.3
6 20	18 51.10	−28 21.8	1.675	2.674	5.1	20.1
6 30	18 41.57	−29 1.9	1.650	2.663	2.3	19.9
7 10	18 31.71	−29 34.4	1.651	2.653	4.8	20.0
7 20	18 22.71	−29 57.2	1.678	2.642	8.8	20.2
7 30	18 15.63	−30 10.7	1.729	2.632	12.5	20.4
8 9	18 11.21	−30 16.4	1.801	2.621	15.8	20.6

161046 2002 HP_3 6 30.9 358°.84 6°.2/ 2.8 17

5 31	18 56.94	− 8 49.3	1.081	1.986	17.9	18.7
6 10	18 54.00	− 9 3.8	1.024	1.980	13.8	18.4
6 20	18 48.47	− 9 41.5	0.986	1.976	9.5	18.2
6 30	18 41.33	−10 42.1	0.969	1.974	6.4	18.0
7 10	18 33.94	−12 1.7	0.973	1.973	7.5	18.1
7 20	18 27.70	−13 33.6	0.999	1.975	11.5	18.3
7 30	18 23.84	−15 10.3	1.045	1.979	15.8	18.5
8 9	18 23.12	−16 44.8	1.109	1.985	19.8	18.8

394726 2008 EZ_{125} 6 30.9 36°.98 6°.9/ 2.4 16

5 31	19 0.66	− 3 50.0	2.014	2.864	13.2	20.8
6 10	18 55.55	− 3 17.2	1.956	2.871	10.7	20.6
6 20	18 48.89	− 2 59.5	1.921	2.878	8.3	20.5
6 30	18 41.36	− 2 58.4	1.910	2.885	7.0	20.4
7 10	18 33.79	− 3 14.0	1.924	2.893	7.5	20.5
7 20	18 26.97	− 3 44.5	1.963	2.900	9.4	20.6
7 30	18 21.62	− 4 27.2	2.026	2.908	11.9	20.8
8 9	18 18.22	− 5 18.2	2.109	2.917	14.2	21.0

417928 2007 RX_{288} 6 30.9 205°.62 3°.0/30.4 17

5 31	19 9.53	−28 38.4	1.660	2.551	13.5	21.2
6 10	19 2.51	−29 21.6	1.592	2.548	9.8	21.0
6 20	18 52.92	−30 2.4	1.547	2.544	5.7	20.7
6 30	18 41.74	−30 35.6	1.528	2.540	3.0	20.6
7 10	18 30.28	−30 57.7	1.536	2.535	5.5	20.7
7 20	18 19.91	−31 7.6	1.570	2.530	9.5	20.9
7 30	18 11.83	−31 6.6	1.626	2.525	13.4	21.1
8 9	18 6.76	−30 57.9	1.703	2.519	16.7	21.4

20015 1991 SR 6 30.9 248°.67 5°.1/ 2.5 18

5 31	19 3.80	− 7 44.3	1.908	2.770	13.4	18.4
6 10	18 58.03	− 7 56.6	1.830	2.761	10.4	18.2
6 20	18 50.37	− 8 23.6	1.774	2.751	7.3	18.0
6 30	18 41.51	− 9 5.5	1.744	2.742	5.2	17.8
7 10	18 32.38	−10 0.3	1.741	2.732	6.0	17.9
7 20	18 23.93	−11 5.0	1.764	2.722	8.9	18.0
7 30	18 17.08	−12 15.8	1.812	2.711	12.2	18.2
8 9	18 12.45	−13 28.9	1.882	2.701	15.2	18.4

519406 2011 SA_{280} 6 30.9 194°.85 0°.9/30.7 18

5 31	19 3.74	−24 9.4	2.328	3.213	10.4	22.2
6 10	18 57.77	−24 45.5	2.257	3.212	7.3	22.0
6 20	18 50.13	−25 22.7	2.211	3.211	4.0	21.8
6 30	18 41.48	−25 58.2	2.194	3.209	1.0	21.6
7 10	18 32.67	−26 29.8	2.204	3.208	3.5	21.8
7 20	18 24.54	−26 56.1	2.242	3.206	6.9	22.0
7 30	18 17.87	−27 16.6	2.306	3.204	10.0	22.2
8 9	18 13.22	−27 32.2	2.392	3.202	12.7	22.4

523791 2015 HT_{171} 6 30.9 51°.52 2°.4/28.9 17

5 31	18 52.86	−46 59.8	9.380	10.200	3.5	22.6
6 10	18 49.32	−47 22.5	9.332	10.215	2.9	22.6
6 20	18 45.31	−47 41.1	9.309	10.231	2.5	22.6
6 30	18 41.05	−47 55.0	9.314	10.246	2.4	22.6
7 10	18 36.75	−48 3.9	9.346	10.261	2.6	22.6
7 20	18 32.65	−48 7.7	9.404	10.277	3.0	22.6
7 30	18 28.95	−48 6.7	9.488	10.292	3.6	22.7
8 9	18 25.86	−48 1.3	9.594	10.307	4.2	22.8

426794 2013 TT_{131} 6 30.9 333°.60 3°.3/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 0.58	−25 44.0	1.043	1.967	16.8	20.0
6 10	18 57.27	−26 49.6	0.971	1.943	12.2	19.6
6 20	18 50.62	−28 1.1	0.918	1.921	7.0	19.3
6 30	18 41.57	−29 11.3	0.886	1.900	3.3	19.0
7 10	18 31.77	−30 12.4	0.876	1.881	7.0	19.1
7 20	18 23.10	−30 58.9	0.887	1.863	12.6	19.3
7 30	18 17.37	−31 29.4	0.917	1.847	18.0	19.6
8 9	18 15.70	−31 45.6	0.962	1.833	22.5	19.8

423906 2006 SO_{275} 6 30.9 212°.56 2°.9/ 1.3 17

5 31	19 6.31	−16 12.0	1.765	2.648	13.2	21.4
6 10	18 59.87	−15 52.4	1.694	2.644	9.7	21.2
6 20	18 51.36	−15 38.9	1.646	2.640	5.9	21.0
6 30	18 41.60	−15 31.5	1.624	2.635	3.0	20.8
7 10	18 31.69	−15 29.9	1.628	2.629	4.9	20.9
7 20	18 22.68	−15 33.7	1.659	2.624	8.8	21.1
7 30	18 15.54	−15 42.3	1.714	2.618	12.5	21.3
8 9	18 10.90	−15 54.6	1.790	2.612	15.8	21.5

74273 1998 SL_{113} 6 30.9 290°.92 1°.5/ 1.3 18

5 31	19 3.43	−17 56.7	1.812	2.702	12.6	19.9
6 10	18 57.91	−18 12.3	1.735	2.690	9.1	19.7
6 20	18 50.36	−18 34.5	1.681	2.679	5.2	19.4
6 30	18 41.52	−19 1.6	1.652	2.667	1.6	19.1
7 10	18 32.40	−19 31.7	1.651	2.656	4.2	19.3
7 20	18 24.04	−20 2.7	1.675	2.645	8.3	19.5
7 30	18 17.43	−20 33.3	1.724	2.633	12.1	19.7
8 9	18 13.23	−21 2.5	1.793	2.622	15.4	19.9

256814 2008 CT_{118} 6 30.9 342°.11 2°.8/30.7 18

5 31	19 5.27	−30 53.8	1.907	2.797	12.1	20.5
6 10	18 59.14	−31 0.5	1.839	2.794	8.8	20.2
6 20	18 50.95	−31 1.5	1.795	2.791	5.2	20.0
6 30	18 41.57	−30 54.0	1.777	2.788	2.8	19.9
7 10	18 32.11	−30 36.9	1.786	2.785	4.8	20.0
7 20	18 23.66	−30 10.9	1.821	2.783	8.3	20.2
7 30	18 17.15	−29 38.3	1.880	2.781	11.7	20.4
8 9	18 13.17	−29 2.2	1.960	2.780	14.7	20.6

183333 2002 VB_{77} 6 30.9 248°.65 3°.9/ 1.5 18

5 31	19 5.50	−13 33.5	1.741	2.621	13.6	20.8
6 10	18 59.40	−13 15.2	1.663	2.609	10.2	20.5
6 20	18 51.17	−13 5.6	1.608	2.597	6.5	20.3
6 30	18 41.61	−13 5.2	1.578	2.585	4.0	20.1
7 10	18 31.78	−13 13.7	1.574	2.572	5.5	20.2
7 20	18 22.75	−13 30.0	1.596	2.559	9.2	20.4
7 30	18 15.54	−13 52.8	1.642	2.546	13.0	20.6
8 9	18 10.83	−14 20.2	1.709	2.532	16.4	20.8

319035 2005 VB_{52} 6 30.9 253°.88 1°.6/ 1.4 17

5 31	19 2.31	−16 55.1	2.722	3.595	9.5	22.3
6 10	18 56.61	−17 1.8	2.628	3.575	6.9	22.1
6 20	18 49.48	−17 13.1	2.560	3.554	4.0	21.9
6 30	18 41.46	−17 28.3	2.520	3.533	1.7	21.7
7 10	18 33.21	−17 46.3	2.509	3.512	3.3	21.7
7 20	18 25.41	−18 6.1	2.527	3.490	6.3	21.9
7 30	18 18.74	−18 27.0	2.571	3.468	9.1	22.1
8 9	18 13.72	−18 48.4	2.639	3.445	11.7	22.2

127225 2002 JP_{7} 6 30.9 55°.10 2°.7/ 1.6 17

5 31	19 1.46	−14 36.3	2.158	3.037	11.3	19.4
6 10	18 56.08	−14 37.0	2.098	3.045	8.3	19.2
6 20	18 49.19	−14 45.0	2.062	3.054	5.1	19.0
6 30	18 41.43	−14 59.5	2.053	3.062	2.7	18.9
7 10	18 33.64	−15 19.5	2.070	3.071	4.1	19.0
7 20	18 26.59	−15 43.5	2.115	3.080	7.2	19.2
7 30	18 20.98	−16 10.3	2.185	3.089	10.2	19.4
8 9	18 17.29	−16 38.3	2.277	3.098	12.9	19.6

16247 Esner 6 30.9 282°.02 0°.1/ 1.0 18

5 31	19 3.95	−22 33.0	1.959	2.849	11.8	19.5
6 10	18 58.16	−22 38.1	1.883	2.840	8.4	19.2
6 20	18 50.45	−22 44.6	1.832	2.832	4.5	19.0
6 30	18 41.56	−22 51.0	1.806	2.823	0.4	18.6
7 10	18 32.48	−22 55.8	1.808	2.814	3.8	18.9
7 20	18 24.20	−22 58.5	1.837	2.805	7.8	19.1
7 30	18 17.62	−22 59.3	1.890	2.797	11.4	19.3
8 9	18 13.35	−22 58.9	1.964	2.788	14.5	19.5

417658 2006 YR_{20} 6 30.9 158°.34 0°.7/30.9 17

5 31	19 7.69	−23 27.7	1.910	2.796	12.2	22.1
6 10	19 0.77	−23 57.1	1.847	2.802	8.7	21.9
6 20	18 51.82	−24 27.9	1.808	2.807	4.7	21.6
6 30	18 41.68	−24 56.9	1.796	2.812	0.8	21.3
7 10	18 31.42	−25 21.7	1.812	2.817	4.0	21.6
7 20	18 22.11	−25 40.9	1.855	2.820	8.0	21.9
7 30	18 14.68	−25 54.7	1.923	2.824	11.5	22.1
8 9	18 9.73	−26 4.1	2.012	2.826	14.6	22.3

430142 2013 TG_{46} 6 30.9 247°.59 1°.1/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 7.45	−25 11.3	1.832	2.721	12.5	21.8
6 10	19 0.87	−25 28.2	1.751	2.707	9.0	21.6
6 20	18 52.02	−25 44.9	1.694	2.693	4.9	21.3
6 30	18 41.72	−25 58.5	1.663	2.679	1.2	21.0
7 10	18 31.10	−26 6.7	1.659	2.664	4.3	21.2
7 20	18 21.34	−26 9.0	1.682	2.648	8.6	21.4
7 30	18 13.50	−26 5.9	1.729	2.632	12.5	21.6
8 9	18 8.33	−25 59.3	1.797	2.616	15.8	21.8

374290 2005 QQ_{122} 6 30.9 240°.29 0°.5/ 1.1 18

5 31	19 6.70	−21 21.9	1.894	2.780	12.3	22.2
6 10	19 0.21	−21 27.7	1.813	2.768	8.8	22.0
6 20	18 51.61	−21 36.0	1.755	2.755	4.8	21.7
6 30	18 41.68	−21 45.0	1.725	2.741	0.7	21.4
7 10	18 31.47	−21 53.2	1.722	2.727	4.0	21.6
7 20	18 22.06	−21 59.8	1.745	2.713	8.2	21.8
7 30	18 14.44	−22 5.0	1.794	2.698	12.1	22.1
8 9	18 9.30	−22 9.1	1.863	2.682	15.3	22.2

165308 2000 UY_{26} 6 30.9 197°.54 0°.1/ 1.0 17

5 31	19 8.13	−20 57.4	1.706	2.595	13.3	20.4
6 10	19 1.35	−21 28.4	1.637	2.593	9.5	20.2
6 20	18 52.26	−22 3.9	1.590	2.590	5.2	19.9
6 30	18 41.74	−22 40.7	1.570	2.587	0.5	19.5
7 10	18 30.97	−23 15.6	1.577	2.583	4.2	19.8
7 20	18 21.15	−23 46.6	1.611	2.579	8.7	20.1
7 30	18 13.36	−24 12.9	1.669	2.574	12.7	20.3
8 9	18 8.30	−24 34.8	1.747	2.569	16.1	20.5

35386 1997 WM_{43} 6 30.9 168°.75 1°.7/ 1.1 18

5 31	19 9.06	−20 25.6	1.532	2.423	14.4	18.5
6 10	19 1.99	−19 54.6	1.469	2.425	10.3	18.2
6 20	18 52.55	−19 25.5	1.428	2.427	5.8	18.0
6 30	18 41.76	−18 58.3	1.413	2.428	1.8	17.7
7 10	18 30.92	−18 33.3	1.425	2.430	4.8	17.9
7 20	18 21.29	−18 11.5	1.462	2.430	9.4	18.2
7 30	18 13.93	−17 53.8	1.523	2.431	13.5	18.4
8 9	18 9.46	−17 40.8	1.603	2.431	17.0	18.7

353331 2010 NK_{17} 6 30.9 6°.62 6°.2/30.3 18

5 31	19 5.86	−38 14.9	1.728	2.612	13.4	19.7
6 10	18 59.89	−38 49.8	1.671	2.613	10.4	19.6
6 20	18 51.47	−39 13.0	1.636	2.614	7.6	19.4
6 30	18 41.66	−39 19.6	1.625	2.617	6.2	19.3
7 10	18 31.79	−39 7.4	1.639	2.619	7.5	19.4
7 20	18 23.18	−38 37.6	1.678	2.623	10.2	19.6
7 30	18 16.90	−37 53.9	1.739	2.627	13.2	19.8
8 9	18 13.57	−37 1.3	1.820	2.632	15.9	20.0

40687 1999 RS_{220} 6 30.9 156°.88 6°.1/ 2.0 18

5 31	19 3.84	− 5 32.2	2.204	3.050	12.4	19.2
6 10	18 57.71	− 4 59.0	2.140	3.056	9.8	19.0
6 20	18 50.05	− 4 38.2	2.100	3.062	7.5	18.9
6 30	18 41.54	− 4 31.2	2.086	3.067	6.1	18.8
7 10	18 32.97	− 4 38.2	2.099	3.072	6.7	18.9
7 20	18 25.12	− 4 58.2	2.138	3.076	8.8	19.0
7 30	18 18.71	− 5 28.9	2.202	3.079	11.3	19.2
8 9	18 14.20	− 6 7.4	2.287	3.083	13.6	19.3

98039 2000 RC_{22} 6 30.9 174°.32 11°.0/ 3.7 18

5 31	19 6.12	+ 9 15.2	2.162	2.929	15.1	19.8
6 10	18 59.38	+10 4.0	2.100	2.934	13.4	19.7
6 20	18 50.99	+10 30.4	2.058	2.937	11.9	19.6
6 30	18 41.63	+10 30.9	2.039	2.939	11.1	19.6
7 10	18 32.17	+10 4.9	2.044	2.941	11.2	19.6
7 20	18 23.46	+ 9 14.4	2.072	2.941	12.3	19.7
7 30	18 16.24	+ 8 3.4	2.123	2.941	13.8	19.8
8 9	18 11.06	+ 6 37.8	2.194	2.939	15.6	19.9

39576 1993 FO_{11} 6 30.9 52°.28 3°.5/ 1.7 18

5 31	19 3.63	−13 29.1	1.719	2.602	13.5	18.8
6 10	18 57.97	−13 29.2	1.657	2.605	10.0	18.6
6 20	18 50.34	−13 39.4	1.618	2.609	6.3	18.4
6 30	18 41.57	−13 59.0	1.604	2.612	3.6	18.3
7 10	18 32.70	−14 26.6	1.616	2.616	5.1	18.4
7 20	18 24.73	−15 0.1	1.653	2.619	8.7	18.6
7 30	18 18.58	−15 37.2	1.715	2.623	12.3	18.8
8 9	18 14.82	−16 16.0	1.797	2.627	15.4	19.0

425917 2011 FN_{152} 6 30.9 144°.10 5°.2/30.5 17

5 31	19 12.53	−38 10.9	2.131	2.997	12.0	21.4
6 10	19 4.11	−38 35.1	2.075	3.008	9.2	21.2
6 20	18 53.56	−38 47.9	2.043	3.019	6.5	21.0
6 30	18 41.86	−38 45.5	2.037	3.029	5.2	21.0
7 10	18 30.25	−38 26.5	2.060	3.038	6.3	21.1
7 20	18 19.87	−37 52.4	2.109	3.047	8.8	21.2
7 30	18 11.66	−37 6.9	2.182	3.055	11.5	21.4
8 9	18 6.18	−36 14.8	2.278	3.063	13.9	21.6

472055 2013 YK_{56} 6 30.9 101°.21 2°.8/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 7.85	−30 47.9	1.807	2.696	12.7	21.2
6 10	19 1.00	−30 53.2	1.746	2.700	9.2	21.0
6 20	18 51.98	−30 52.3	1.707	2.703	5.5	20.8
6 30	18 41.73	−30 42.3	1.695	2.706	2.9	20.6
7 10	18 31.48	−30 22.2	1.710	2.710	4.9	20.7
7 20	18 22.38	−29 53.1	1.750	2.713	8.6	21.0
7 30	18 15.39	−29 17.7	1.815	2.716	12.1	21.2
8 9	18 11.10	−28 39.3	1.901	2.719	15.1	21.4

76854 2000 WX_{49} 6 30.9 335°.81 10°.5/ 6.5 18

5 31	19 2.31	+ 3 58.7	1.012	1.872	22.5	17.7
6 10	18 58.40	+ 2 41.0	0.932	1.851	18.9	17.3
6 20	18 51.27	+ 0 29.8	0.868	1.830	14.9	17.0
6 30	18 41.72	− 2 39.0	0.824	1.811	11.4	16.8
7 10	18 31.21	− 6 38.0	0.803	1.794	10.7	16.7
7 20	18 21.50	−11 8.9	0.805	1.779	14.0	16.8
7 30	18 14.38	−15 47.0	0.831	1.765	18.9	17.0
8 9	18 11.15	−20 10.5	0.878	1.754	23.7	17.3

446510 2014 KD_{73} 6 30.9 258°.25 4°.2/ 2.0 18

5 31	19 0.93	− 9 22.3	2.404	3.265	11.0	21.4
6 10	18 55.69	− 9 14.9	2.325	3.257	8.4	21.2
6 20	18 49.01	− 9 17.2	2.271	3.248	5.9	21.0
6 30	18 41.47	− 9 29.7	2.243	3.240	4.3	20.9
7 10	18 33.77	− 9 51.7	2.243	3.231	5.0	20.9
7 20	18 26.63	−10 22.0	2.269	3.223	7.5	21.1
7 30	18 20.73	−10 58.6	2.321	3.214	10.1	21.2
8 9	18 16.56	−11 39.5	2.396	3.206	12.6	21.4

192806 1999 VR_{45} 6 30.9 226°.86 2°.0/30.6 18

5 31	19 6.87	−28 43.2	2.397	3.276	10.3	20.4
6 10	19 0.07	−29 5.0	2.314	3.264	7.5	20.2
6 20	18 51.45	−29 24.0	2.256	3.251	4.3	20.0
6 30	18 41.70	−29 37.4	2.226	3.238	2.1	19.8
7 10	18 31.73	−29 43.5	2.224	3.224	4.0	19.9
7 20	18 22.45	−29 41.7	2.251	3.209	7.2	20.1
7 30	18 14.70	−29 33.2	2.304	3.194	10.3	20.3
8 9	18 9.11	−29 19.8	2.378	3.178	13.0	20.5

224269 2005 TV 6 30.9 269°.34 8°.8/ 1.7 18

5 31	19 4.43	− 1 53.8	1.817	2.658	14.8	21.0
6 10	18 58.65	− 1 0.3	1.730	2.636	12.3	20.8
6 20	18 50.83	− 0 22.8	1.665	2.613	10.1	20.6
6 30	18 41.65	− 0 5.3	1.624	2.590	8.9	20.5
7 10	18 32.08	− 0 9.5	1.607	2.566	9.5	20.5
7 20	18 23.14	− 0 35.1	1.615	2.542	11.8	20.6
7 30	18 15.81	− 1 19.5	1.645	2.518	14.6	20.7
8 9	18 10.82	− 2 17.9	1.695	2.493	17.5	20.8

477197 2009 HA_{32} 7 1.0 163°.36 0°.9/30.8 18

5 31	19 4.36	−24 40.8	2.437	3.319	10.1	21.5
6 10	18 58.14	−25 8.1	2.370	3.323	7.1	21.3
6 20	18 50.33	−25 35.5	2.328	3.327	3.9	21.1
6 30	18 41.60	−26 0.7	2.314	3.330	0.9	20.9
7 10	18 32.77	−26 21.9	2.329	3.333	3.3	21.1
7 20	18 24.64	−26 38.2	2.372	3.335	6.6	21.3
7 30	18 17.94	−26 49.5	2.441	3.338	9.6	21.5
8 9	18 13.19	−26 56.8	2.533	3.339	12.1	21.7

241901 2001 XF_{149} 7 1.0 192°.23 1°.4/ 1.2 17

5 31	19 6.10	−19 2.5	2.076	2.957	11.6	21.6
6 10	18 59.51	−18 57.9	2.004	2.955	8.4	21.3
6 20	18 51.13	−18 56.8	1.956	2.953	4.7	21.1
6 30	18 41.68	−18 58.2	1.936	2.951	1.5	20.9
7 10	18 32.10	−19 1.3	1.944	2.948	3.8	21.0
7 20	18 23.33	−19 5.7	1.979	2.944	7.5	21.3
7 30	18 16.20	−19 11.1	2.039	2.940	11.0	21.5
8 9	18 11.27	−19 17.4	2.122	2.936	13.9	21.7

85309 1994 WO_{4} 7 1.0 312°.23 2°.5/ 1.6 18

5 31	19 1.39	−15 16.4	2.008	2.891	11.9	19.5
6 10	18 56.32	−15 22.3	1.929	2.879	8.7	19.3
6 20	18 49.48	−15 35.9	1.874	2.867	5.3	19.1
6 30	18 41.54	−15 56.5	1.844	2.855	2.6	18.9
7 10	18 33.37	−16 22.7	1.841	2.844	4.3	19.0
7 20	18 25.87	−16 52.9	1.865	2.832	7.8	19.2
7 30	18 19.87	−17 25.5	1.914	2.821	11.2	19.4
8 9	18 15.98	−17 58.9	1.983	2.811	14.3	19.5

248136 2004 SR_{48} 7 1.0 5°.72 2°.6/30.8 18

5 31	19 3.31	−29 35.4	1.638	2.538	13.1	19.5
6 10	18 57.97	−29 40.1	1.579	2.539	9.5	19.2
6 20	18 50.42	−29 39.7	1.542	2.541	5.5	19.0
6 30	18 41.62	−29 31.7	1.530	2.543	2.6	18.8
7 10	18 32.79	−29 14.9	1.544	2.546	4.9	19.0
7 20	18 25.09	−28 50.2	1.582	2.550	8.8	19.2
7 30	18 19.50	−28 19.8	1.644	2.555	12.5	19.5
8 9	18 16.59	−27 46.7	1.725	2.561	15.7	19.7

146260 2001 BX_{8} 7 1.0 58°.01 0°.9/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 31	19 2.20	−19 15.4	2.162	3.048	11.0	19.6
6 10	18 56.68	−19 34.9	2.102	3.057	7.8	19.4
6 20	18 49.57	−19 58.6	2.067	3.065	4.3	19.2
6 30	18 41.55	−20 24.8	2.058	3.074	1.0	19.0
7 10	18 33.47	−20 51.7	2.077	3.083	3.4	19.2
7 20	18 26.15	−21 17.8	2.123	3.092	6.9	19.4
7 30	18 20.32	−21 42.3	2.195	3.100	10.1	19.6
8 9	18 16.48	−22 4.7	2.288	3.110	12.8	19.8

478528 2012 SY_{64} 7 1.0 293°.68 2°.4/30.7 18

5 31	19 7.08	−28 41.0	1.710	2.603	13.1	21.6
6 10	19 0.96	−28 55.2	1.618	2.575	9.5	21.3
6 20	18 52.26	−29 5.9	1.548	2.546	5.5	21.0
6 30	18 41.82	−29 9.5	1.504	2.517	2.5	20.8
7 10	18 30.87	−29 3.7	1.487	2.489	5.1	20.9
7 20	18 20.74	−28 48.0	1.494	2.460	9.5	21.1
7 30	18 12.70	−28 24.3	1.526	2.431	13.7	21.2
8 9	18 7.59	−27 55.8	1.577	2.402	17.4	21.4

160998 2002 CA_{255} 7 1.0 57°.10 4°.1/ 1.5 17

5 31	19 6.57	−15 1.8	1.233	2.131	16.7	19.7
6 10	19 0.45	−14 36.4	1.187	2.143	12.3	19.5
6 20	18 51.79	−14 21.5	1.161	2.155	7.6	19.2
6 30	18 41.75	−14 17.3	1.158	2.168	4.2	19.1
7 10	18 31.78	−14 23.2	1.179	2.181	6.2	19.2
7 20	18 23.23	−14 37.6	1.224	2.194	10.6	19.5
7 30	18 17.18	−14 58.6	1.290	2.207	14.8	19.8
8 9	18 14.22	−15 23.8	1.374	2.220	18.4	20.1

336313 2008 TO_{41} 7 1.0 195°.65 4°.9/30.2 18

5 31	19 10.13	−38 21.7	2.475	3.337	10.7	21.5
6 10	19 2.39	−38 51.7	2.404	3.334	8.2	21.3
6 20	18 52.69	−39 12.2	2.357	3.331	6.0	21.1
6 30	18 41.85	−39 19.5	2.338	3.327	4.9	21.1
7 10	18 30.89	−39 11.7	2.347	3.322	5.9	21.1
7 20	18 20.85	−38 49.3	2.383	3.316	8.2	21.3
7 30	18 12.62	−38 15.0	2.444	3.310	10.7	21.4
8 9	18 6.78	−37 32.7	2.527	3.304	12.9	21.6

390425 2013 YH_{40} 7 1.0 234°.68 3°.5/ 1.8 18

5 31	19 3.66	−12 37.3	1.939	2.814	12.6	20.9
6 10	18 57.91	−12 42.3	1.866	2.809	9.4	20.7
6 20	18 50.33	−12 57.3	1.816	2.804	6.0	20.5
6 30	18 41.63	−13 21.7	1.792	2.799	3.6	20.3
7 10	18 32.74	−13 54.2	1.795	2.794	4.9	20.4
7 20	18 24.58	−14 32.6	1.825	2.788	8.2	20.6
7 30	18 18.02	−15 14.7	1.879	2.783	11.6	20.8
8 9	18 13.67	−15 58.4	1.955	2.777	14.6	21.0

389292 2009 JL_{17} 7 1.0 6°.84 9°.8/ 3.1 17

5 31	18 59.12	+ 0 0.7	1.585	2.435	16.2	19.7
6 10	18 54.85	+ 0 46.8	1.529	2.436	13.6	19.5
6 20	18 48.71	+ 1 11.1	1.493	2.438	11.2	19.4
6 30	18 41.48	+ 1 10.5	1.479	2.442	9.9	19.3
7 10	18 34.16	+ 0 44.7	1.488	2.446	10.2	19.4
7 20	18 27.71	− 0 3.9	1.519	2.451	12.0	19.5
7 30	18 23.01	− 1 10.5	1.572	2.458	14.5	19.7
8 9	18 20.62	− 2 28.7	1.644	2.465	17.0	19.8

39423 3136 $T\text{-}_{2}$ 7 1.0 237°.93 1°.5/ 1.3 18

5 31	19 2.41	−17 50.9	2.478	3.356	10.1	20.4
6 10	18 56.76	−17 55.7	2.397	3.346	7.3	20.3
6 20	18 49.62	−18 4.8	2.341	3.337	4.2	20.0
6 30	18 41.57	−18 17.2	2.313	3.327	1.5	19.8
7 10	18 33.36	−18 32.0	2.313	3.317	3.4	20.0
7 20	18 25.72	−18 48.3	2.341	3.306	6.6	20.1
7 30	18 19.36	−19 5.3	2.395	3.296	9.6	20.3
8 9	18 14.79	−19 22.5	2.472	3.285	12.2	20.5

184419 2005 MF_{52} 7 1.0 340°.20 2°.6/30.5 17

5 31	19 3.55	−25 47.1	1.191	2.105	15.9	19.4
6 10	18 58.96	−26 38.6	1.127	2.095	11.4	19.1
6 20	18 51.35	−27 32.4	1.083	2.085	6.5	18.8
6 30	18 41.75	−28 22.6	1.062	2.077	2.6	18.5
7 10	18 31.74	−29 3.7	1.065	2.069	6.1	18.7
7 20	18 22.97	−29 32.7	1.090	2.063	11.2	19.0
7 30	18 16.90	−29 49.4	1.135	2.057	16.0	19.2
8 9	18 14.40	−29 56.2	1.197	2.052	20.0	19.5

242771 2005 XF_{65} 7 1.0 157°.84 3°.2/ 1.5 18

5 31	19 5.62	−14 30.2	2.015	2.889	12.2	20.4
6 10	18 59.13	−14 9.4	1.950	2.895	9.0	20.2
6 20	18 50.90	−13 55.3	1.910	2.899	5.6	20.0
6 30	18 41.70	−13 48.1	1.896	2.904	3.3	19.8
7 10	18 32.45	−13 47.7	1.910	2.908	4.7	19.9
7 20	18 24.04	−13 53.4	1.951	2.912	8.0	20.1
7 30	18 17.27	−14 4.3	2.017	2.915	11.2	20.3
8 9	18 12.67	−14 19.2	2.104	2.917	14.0	20.5