222265 2000 QK_{183} 4 29.9 178°.16 6°.8/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.29	+ 3 49.9	2.348	3.154	12.3	20.7
4 1	14 50.87	+ 5 7.9	2.275	3.156	10.1	20.5
4 11	14 44.62	+ 6 23.1	2.226	3.158	8.0	20.4
4 21	14 37.05	+ 7 29.5	2.204	3.158	6.8	20.3
5 1	14 28.86	+ 8 21.5	2.209	3.159	7.3	20.3
5 11	14 20.84	+ 8 54.7	2.241	3.158	9.1	20.5
5 21	14 13.71	+ 9 7.5	2.297	3.157	11.4	20.6
5 31	14 8.04	+ 8 59.8	2.375	3.155	13.6	20.8

468888 2013 WQ_{67} 4 29.9 232°.16 5°.7/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.85	+ 1 0.0	2.528	3.331	11.7	22.5
4 1	14 51.33	+ 2 8.0	2.431	3.314	9.4	22.4
4 11	14 44.99	+ 3 16.2	2.359	3.297	7.2	22.2
4 21	14 37.28	+ 4 19.4	2.313	3.279	5.8	22.1
5 1	14 28.84	+ 5 12.2	2.296	3.260	6.2	22.0
5 11	14 20.41	+ 5 50.0	2.307	3.240	8.1	22.1
5 21	14 12.73	+ 6 10.3	2.344	3.220	10.6	22.3
5 31	14 6.41	+ 6 12.1	2.404	3.198	13.1	22.4

100280 1995 BQ_{1} 4 29.9 87°.87 2°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.32	− 9 47.4	1.730	2.546	15.7	19.9
4 1	14 53.02	− 9 8.3	1.665	2.563	12.2	19.7
4 11	14 46.32	− 8 23.1	1.622	2.580	8.2	19.5
4 21	14 37.91	− 7 36.1	1.604	2.597	4.3	19.3
5 1	14 28.78	− 6 52.6	1.613	2.614	3.2	19.2
5 11	14 20.00	− 6 17.9	1.648	2.630	6.5	19.5
5 21	14 12.52	− 5 55.8	1.710	2.647	10.3	19.7
5 31	14 7.02	− 5 48.5	1.794	2.663	13.7	20.0

310143 2011 KD_{10} 4 29.9 301°.49 3°.2/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.12	− 8 55.6	1.898	2.717	14.3	20.4
4 1	14 49.76	− 8 9.7	1.812	2.712	11.2	20.2
4 11	14 44.20	− 7 17.4	1.749	2.708	7.7	19.9
4 21	14 36.96	− 6 23.2	1.711	2.703	4.3	19.7
5 1	14 28.87	− 5 32.3	1.700	2.698	3.6	19.6
5 11	14 20.92	− 4 50.4	1.716	2.694	6.7	19.8
5 21	14 13.98	− 4 21.7	1.757	2.690	10.4	20.0
5 31	14 8.79	− 4 8.8	1.821	2.685	13.8	20.2

70133 1999 NC_{7} 4 29.9 24°.11 9°.7/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.37	−36 59.2	1.451	2.193	21.5	18.3
4 1	14 54.71	−37 54.2	1.372	2.196	18.8	18.1
4 11	14 48.46	−38 22.8	1.309	2.199	15.6	17.9
4 21	14 39.31	−38 19.1	1.265	2.202	12.5	17.7
5 1	14 28.60	−37 39.9	1.242	2.206	10.1	17.5
5 11	14 18.10	−36 28.5	1.241	2.210	9.9	17.5
5 21	14 9.42	−34 53.9	1.264	2.215	11.9	17.7
5 31	14 3.73	−33 8.6	1.309	2.219	15.0	17.9

117680 2005 EW_{223} 4 29.9 84°.05 1°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.04	−19 46.6	1.565	2.364	17.8	20.8
4 1	14 54.83	−19 40.2	1.497	2.381	14.2	20.6
4 11	14 47.80	−19 19.3	1.449	2.399	9.9	20.3
4 21	14 38.71	−18 44.9	1.425	2.416	5.1	20.1
5 1	14 28.69	−18 0.6	1.426	2.433	1.3	19.9
5 11	14 19.07	−17 12.2	1.454	2.449	5.2	20.2
5 21	14 10.97	−16 26.0	1.507	2.466	9.7	20.5
5 31	14 5.21	−15 48.1	1.584	2.482	13.6	20.8

245545 2005 TC_{170} 4 29.9 269°.31 1°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.97	−19 42.1	2.636	3.411	12.0	21.2
4 1	14 50.02	−19 32.6	2.517	3.387	9.6	21.0
4 11	14 44.22	−19 13.2	2.420	3.363	6.8	20.8
4 21	14 36.97	−18 44.6	2.350	3.339	3.6	20.5
5 1	14 28.88	−18 8.4	2.308	3.314	1.0	20.3
5 11	14 20.73	−17 27.9	2.295	3.289	3.7	20.4
5 21	14 13.27	−16 46.9	2.311	3.264	7.1	20.6
5 31	14 7.14	−16 9.5	2.352	3.238	10.3	20.8

202761 2007 RB_{65} 4 29.9 117°.22 0°.6/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.71	−18 15.1	2.061	2.853	14.3	21.1
4 1	14 50.90	−18 4.2	1.973	2.855	11.4	20.9
4 11	14 44.91	−17 42.4	1.907	2.857	7.9	20.6
4 21	14 37.29	−17 11.1	1.866	2.858	4.0	20.4
5 1	14 28.86	−16 33.0	1.853	2.860	0.7	20.1
5 11	14 20.56	−15 52.4	1.867	2.862	4.4	20.4
5 21	14 13.29	−15 14.0	1.909	2.863	8.3	20.7
5 31	14 7.74	−14 42.3	1.975	2.865	11.7	20.9

22884 1999 RK_{236} 4 29.9 240°.71 4°.4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.92	− 5 42.0	1.760	2.578	15.4	19.6
4 1	14 53.79	− 5 1.8	1.670	2.568	12.2	19.4
4 11	14 47.12	− 4 17.8	1.602	2.558	8.6	19.2
4 21	14 38.46	− 3 35.0	1.559	2.547	5.3	18.9
5 1	14 28.72	− 2 58.9	1.542	2.536	4.8	18.9
5 11	14 19.05	− 2 35.0	1.552	2.525	7.9	19.0
5 21	14 10.50	− 2 27.0	1.587	2.513	11.8	19.2
5 31	14 3.94	− 2 36.7	1.644	2.501	15.4	19.4

39474 1978 VC_{7} 4 29.9 294°.20 1°.8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 46.97	− 6 5.9	4.333	5.131	7.3	19.0
4 1	14 43.65	− 5 49.0	4.237	5.124	5.6	18.8
4 11	14 39.39	− 5 31.0	4.166	5.118	3.9	18.7
4 21	14 34.46	− 5 13.7	4.123	5.111	2.3	18.6
5 1	14 29.19	− 4 58.9	4.110	5.105	2.0	18.5
5 11	14 23.96	− 4 48.1	4.126	5.098	3.4	18.6
5 21	14 19.13	− 4 42.8	4.171	5.092	5.2	18.8
5 31	14 15.00	− 4 43.8	4.243	5.085	7.0	18.9

384059 2008 UE_{288} 4 29.9 20°.36 1°.6/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.06	−11 47.6	1.819	2.633	15.1	21.0
4 1	14 51.38	−11 31.3	1.738	2.635	11.8	20.8
4 11	14 45.35	−11 8.3	1.679	2.637	8.0	20.6
4 21	14 37.54	−10 41.2	1.644	2.639	3.9	20.3
5 1	14 28.84	−10 13.8	1.636	2.641	1.9	20.2
5 11	14 20.31	− 9 50.7	1.655	2.643	5.6	20.5
5 21	14 12.91	− 9 35.6	1.699	2.646	9.7	20.7
5 31	14 7.39	− 9 31.5	1.767	2.649	13.3	20.9

504769 2009 WX_{171} 4 29.9 240°.21 0°.1/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.67	−14 27.4	1.929	2.725	15.0	21.7
4 1	14 55.06	−14 41.4	1.834	2.719	11.9	21.5
4 11	14 47.95	−14 48.7	1.760	2.712	8.2	21.3
4 21	14 38.86	−14 50.2	1.712	2.706	4.0	21.0
5 1	14 28.69	−14 47.4	1.692	2.699	0.5	20.7
5 11	14 18.53	−14 43.3	1.699	2.692	4.9	21.0
5 21	14 9.44	−14 41.0	1.734	2.685	9.2	21.3
5 31	14 2.29	−14 44.1	1.792	2.678	12.9	21.5

348877 2006 SS_{202} 4 30.0 115°.08 0°.6/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.26	−15 14.5	2.342	3.138	12.7	21.4
4 1	14 49.40	−14 48.7	2.258	3.144	10.0	21.2
4 11	14 43.69	−14 14.5	2.197	3.150	6.7	21.0
4 21	14 36.64	−13 34.2	2.161	3.156	3.2	20.8
5 1	14 28.96	−12 51.1	2.154	3.161	0.8	20.6
5 11	14 21.43	−12 9.2	2.176	3.167	4.3	20.9
5 21	14 14.79	−11 32.5	2.225	3.172	7.7	21.1
5 31	14 9.62	−11 4.2	2.300	3.178	10.7	21.3

135321 2001 SP_{295} 4 30.0 147°.78 0°.2/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.83	−16 13.1	2.387	3.178	12.6	20.9
4 1	14 49.84	−15 51.3	2.299	3.182	9.9	20.8
4 11	14 43.99	−15 20.7	2.235	3.186	6.8	20.6
4 21	14 36.80	−14 43.3	2.196	3.190	3.3	20.3
5 1	14 28.94	−14 2.1	2.186	3.193	0.5	20.1
5 11	14 21.23	−13 20.9	2.205	3.197	4.1	20.4
5 21	14 14.39	−12 43.7	2.251	3.200	7.5	20.6
5 31	14 9.02	−12 14.0	2.323	3.203	10.6	20.8

83587 2001 SA_{242} 4 30.0 244°.18 1°.5/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.17	−19 41.4	2.365	3.142	13.2	20.4
4 1	14 51.89	−19 53.5	2.264	3.135	10.6	20.2
4 11	14 45.55	−19 56.4	2.186	3.128	7.5	20.0
4 21	14 37.63	−19 50.3	2.132	3.120	4.1	19.8
5 1	14 28.85	−19 36.2	2.107	3.113	1.5	19.6
5 11	14 20.08	−19 16.9	2.111	3.105	4.0	19.7
5 21	14 12.17	−18 55.6	2.143	3.097	7.5	19.9
5 31	14 5.81	−18 36.4	2.199	3.089	10.7	20.1

192635 1999 QT 4 30.0 201°.76 2°.8/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.68	−23 31.9	2.043	2.815	15.1	20.8
4 1	14 52.64	−23 42.1	1.949	2.814	12.3	20.6
4 11	14 46.23	−23 38.8	1.877	2.812	9.0	20.4
4 21	14 38.00	−23 21.5	1.829	2.811	5.4	20.2
5 1	14 28.81	−22 51.4	1.808	2.809	2.8	20.0
5 11	14 19.71	−22 12.0	1.814	2.807	4.7	20.1
5 21	14 11.68	−21 28.4	1.847	2.805	8.2	20.3
5 31	14 5.51	−20 46.2	1.905	2.803	11.7	20.6

351920 2006 SE_{387} 4 30.0 184°.25 1°.1/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.80	−12 57.7	2.524	3.320	11.9	22.0
4 1	14 49.71	−12 35.1	2.433	3.320	9.3	21.9
4 11	14 43.86	−12 6.1	2.366	3.319	6.3	21.7
4 21	14 36.73	−11 33.0	2.325	3.319	3.0	21.4
5 1	14 28.96	−10 58.7	2.313	3.318	1.3	21.3
5 11	14 21.30	−10 26.9	2.330	3.317	4.3	21.5
5 21	14 14.43	−10 0.6	2.374	3.316	7.6	21.7
5 31	14 8.93	− 9 42.6	2.444	3.315	10.5	21.9

479101 2013 AN_{142} 4 30.0 199°.62 3°.7/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.27	− 5 33.6	2.676	3.484	10.9	22.1
4 1	14 47.58	− 4 24.1	2.589	3.482	8.6	22.0
4 11	14 42.34	− 3 11.0	2.527	3.479	6.0	21.8
4 21	14 35.97	− 1 58.6	2.492	3.476	4.0	21.7
5 1	14 29.05	− 0 51.7	2.487	3.472	4.1	21.7
5 11	14 22.25	+ 0 5.1	2.510	3.469	6.2	21.8
5 21	14 16.15	+ 0 48.7	2.561	3.465	8.8	21.9
5 31	14 11.27	+ 1 17.1	2.635	3.460	11.2	22.1

210751 2000 VZ_{23} 4 30.0 208°.69 0°.3/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.34	−16 36.7	1.864	2.656	15.6	20.7
4 1	14 55.69	−16 35.5	1.769	2.651	12.5	20.5
4 11	14 48.42	−16 24.3	1.696	2.646	8.6	20.2
4 21	14 39.12	−16 4.1	1.647	2.640	4.3	20.0
5 1	14 28.70	−15 37.2	1.626	2.633	0.5	19.7
5 11	14 18.32	−15 7.7	1.632	2.626	5.0	20.0
5 21	14 9.09	−14 40.4	1.666	2.618	9.4	20.2
5 31	14 1.90	−14 19.9	1.723	2.609	13.3	20.4

175105 2004 KC_{9} 4 30.0 278°.07 3°.1/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.79	− 7 8.6	2.335	3.145	12.3	20.4
4 1	14 49.16	− 6 31.2	2.235	3.129	9.7	20.2
4 11	14 43.65	− 5 49.9	2.158	3.113	6.7	19.9
4 21	14 36.70	− 5 8.0	2.107	3.097	3.9	19.7
5 1	14 28.98	− 4 29.9	2.085	3.081	3.5	19.7
5 11	14 21.27	− 3 59.7	2.090	3.064	6.1	19.8
5 21	14 14.34	− 3 40.6	2.122	3.048	9.2	20.0
5 31	14 8.82	− 3 34.8	2.178	3.031	12.2	20.1

429560 2011 CS_{84} 4 30.0 30°.96 2°.0/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.43	−20 45.4	1.451	2.261	18.4	20.9
4 1	14 51.56	−20 49.2	1.381	2.271	14.8	20.7
4 11	14 45.79	−20 37.2	1.331	2.282	10.4	20.5
4 21	14 37.84	−20 10.1	1.303	2.293	5.7	20.2
5 1	14 28.86	−19 30.8	1.300	2.306	2.0	20.0
5 11	14 20.19	−18 45.2	1.322	2.319	5.4	20.3
5 21	14 13.01	−18 0.1	1.368	2.332	9.9	20.6
5 31	14 8.20	−17 22.0	1.437	2.346	14.0	20.8

86511 2000 DB_{54} 4 30.0 300°.87 3°.7/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.33	−22 38.6	1.308	2.119	20.0	19.4
4 1	14 53.33	−23 2.6	1.206	2.095	16.6	19.1
4 11	14 47.83	−23 9.5	1.122	2.070	12.3	18.8
4 21	14 39.26	−22 56.9	1.058	2.045	7.4	18.4
5 1	14 28.67	−22 24.4	1.017	2.020	3.7	18.1
5 11	14 17.73	−21 36.2	0.999	1.996	6.7	18.2
5 21	14 8.14	−20 40.2	1.005	1.972	12.2	18.4
5 31	14 1.38	−19 46.4	1.030	1.948	17.5	18.6

29533 1998 BW_{1} 4 30.0 126°.71 0°.8/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.51	−14 8.7	2.667	3.455	11.5	19.5
4 1	14 50.06	−13 41.3	2.588	3.470	9.0	19.4
4 11	14 43.97	−13 7.2	2.533	3.484	6.0	19.2
4 21	14 36.75	−12 28.6	2.504	3.498	2.9	19.0
5 1	14 29.01	−11 48.5	2.505	3.512	1.0	18.9
5 11	14 21.46	−11 10.4	2.536	3.524	4.0	19.1
5 21	14 14.73	−10 37.4	2.595	3.537	7.0	19.3
5 31	14 9.33	−10 12.3	2.680	3.549	9.7	19.5

470065 2006 SQ_{254} 4 30.0 230°.36 1°.9/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.56	−21 14.4	2.520	3.287	12.7	22.1
4 1	14 52.10	−21 29.4	2.416	3.279	10.3	22.0
4 11	14 45.66	−21 35.0	2.335	3.272	7.4	21.8
4 21	14 37.69	−21 30.9	2.279	3.264	4.3	21.5
5 1	14 28.89	−21 18.1	2.252	3.255	2.0	21.4
5 11	14 20.10	−20 58.7	2.254	3.247	3.9	21.5
5 21	14 12.10	−20 36.1	2.284	3.238	7.1	21.7
5 31	14 5.59	−20 14.2	2.340	3.229	10.2	21.8

426636 2013 ST_{67} 4 30.0 189°.64 2°.8/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.42	− 8 35.6	2.302	3.104	12.7	22.1
4 1	14 51.90	− 7 55.4	2.213	3.103	9.9	21.9
4 11	14 45.44	− 7 10.4	2.147	3.101	6.8	21.7
4 21	14 37.54	− 6 24.0	2.108	3.099	3.8	21.5
5 1	14 28.92	− 5 40.5	2.098	3.096	3.1	21.5
5 11	14 20.42	− 5 4.2	2.116	3.093	5.8	21.6
5 21	14 12.82	− 4 38.5	2.162	3.089	9.0	21.8
5 31	14 6.74	− 4 25.6	2.232	3.084	12.0	22.0

429483 2011 AA_{22} 4 30.0 26°.80 6°.3/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.87	−31 31.4	1.490	2.260	19.8	20.2
4 1	14 51.42	−31 48.7	1.414	2.267	16.7	20.0
4 11	14 45.87	−31 41.5	1.356	2.275	13.1	19.8
4 21	14 37.96	−31 7.2	1.318	2.283	9.3	19.6
5 1	14 28.87	−30 6.5	1.304	2.292	6.6	19.5
5 11	14 20.09	−28 45.4	1.314	2.301	7.0	19.5
5 21	14 12.90	−27 13.2	1.348	2.311	10.1	19.7
5 31	14 8.23	−25 40.7	1.405	2.321	13.8	20.0

43116 1999 XN_{39} 4 30.0 198°.45 0°.7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.57	−15 29.2	2.511	3.299	12.2	19.9
4 1	14 50.36	−14 53.0	2.414	3.296	9.6	19.7
4 11	14 44.35	−14 7.8	2.340	3.292	6.5	19.5
4 21	14 37.00	−13 16.0	2.293	3.287	3.1	19.3
5 1	14 28.98	−12 20.8	2.276	3.283	0.9	19.1
5 11	14 21.06	−11 26.7	2.288	3.277	4.3	19.4
5 21	14 13.95	−10 37.9	2.328	3.271	7.6	19.6
5 31	14 8.25	− 9 58.1	2.394	3.265	10.6	19.7

138708 2000 SW_{95} 4 30.0 156°.48 2°.1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.56	−23 20.2	2.629	3.390	12.4	20.8
4 1	14 50.35	−23 21.2	2.536	3.394	10.0	20.6
4 11	14 44.34	−23 11.1	2.465	3.397	7.3	20.4
4 21	14 36.99	−22 50.0	2.419	3.401	4.3	20.3
5 1	14 28.98	−22 19.5	2.402	3.404	2.2	20.1
5 11	14 21.09	−21 42.4	2.414	3.407	3.7	20.2
5 21	14 14.01	−21 2.5	2.454	3.409	6.6	20.4
5 31	14 8.35	−20 23.9	2.520	3.412	9.4	20.6

344363 2001 XZ_{94} 4 30.0 121°.03 7°.2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.31	+10 5.7	2.555	3.338	12.1	20.5
4 1	14 54.51	+10 33.9	2.490	3.348	10.2	20.4
4 11	14 46.94	+10 53.4	2.447	3.358	8.4	20.3
4 21	14 38.16	+10 59.8	2.431	3.368	7.3	20.2
5 1	14 28.87	+10 49.9	2.443	3.378	7.5	20.2
5 11	14 19.85	+10 22.0	2.482	3.387	8.8	20.3
5 21	14 11.78	+ 9 36.6	2.547	3.396	10.7	20.5
5 31	14 5.19	+ 8 35.6	2.635	3.405	12.6	20.6

410293 2007 TE_{263} 4 30.0 85°.86 0°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.95	−15 57.3	1.557	2.364	17.5	21.6
4 1	14 55.49	−15 47.5	1.491	2.382	13.8	21.4
4 11	14 48.24	−15 26.6	1.446	2.400	9.4	21.2
4 21	14 38.96	−14 56.6	1.424	2.418	4.5	21.0
5 1	14 28.78	−14 21.4	1.428	2.436	0.6	20.7
5 11	14 19.01	−13 46.4	1.460	2.453	5.5	21.1
5 21	14 10.74	−13 16.9	1.516	2.470	10.0	21.4
5 31	14 4.80	−12 57.3	1.596	2.487	13.9	21.7

338380 2002 YD_{27} 4 30.0 144°.96 2°.3/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.36	− 8 16.4	2.771	3.568	10.9	22.0
4 1	14 49.87	− 7 43.6	2.691	3.578	8.5	21.8
4 11	14 43.82	− 7 7.5	2.635	3.588	5.8	21.6
4 21	14 36.68	− 6 31.1	2.607	3.597	3.2	21.5
5 1	14 29.04	− 5 57.4	2.608	3.606	2.6	21.4
5 11	14 21.56	− 5 29.6	2.638	3.614	4.8	21.6
5 21	14 14.83	− 5 10.2	2.697	3.622	7.5	21.8
5 31	14 9.35	− 5 0.8	2.781	3.629	10.0	22.0

429109 2009 SR_{156} 4 30.0 154°.81 3°.2/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.92	−24 24.2	2.389	3.136	13.8	22.1
4 1	14 56.35	−24 52.8	2.297	3.145	11.3	21.9
4 11	14 48.56	−25 10.1	2.228	3.153	8.4	21.7
4 21	14 39.10	−25 14.8	2.185	3.160	5.3	21.5
5 1	14 28.77	−25 7.0	2.170	3.167	3.2	21.4
5 11	14 18.54	−24 48.8	2.184	3.173	4.5	21.5
5 21	14 9.33	−24 24.0	2.227	3.178	7.5	21.7
5 31	14 1.87	−23 57.3	2.296	3.183	10.4	21.9

16482 1990 QK_{8} 4 30.0 314°.14 1°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.84	−13 17.8	2.061	2.869	13.8	18.2
4 1	14 49.46	−12 54.0	1.969	2.863	10.8	18.0
4 11	14 43.98	−12 22.2	1.900	2.856	7.3	17.8
4 21	14 36.91	−11 44.9	1.856	2.850	3.5	17.6
5 1	14 29.01	−11 5.8	1.839	2.845	1.5	17.4
5 11	14 21.19	−10 29.6	1.849	2.839	5.1	17.6
5 21	14 14.31	−10 0.2	1.887	2.833	8.9	17.8
5 31	14 9.06	− 9 41.2	1.948	2.828	12.3	18.0

137467 1999 UN_{9} 4 30.0 138°.79 0°.2/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.47	−17 23.4	2.067	2.852	14.5	21.0
4 1	14 54.48	−17 3.3	1.988	2.866	11.5	20.8
4 11	14 47.26	−16 32.6	1.930	2.879	7.9	20.6
4 21	14 38.43	−15 53.1	1.899	2.891	3.8	20.4
5 1	14 28.85	−15 7.9	1.895	2.903	0.4	20.1
5 11	14 19.53	−14 21.8	1.921	2.914	4.5	20.4
5 21	14 11.36	−13 39.6	1.974	2.924	8.4	20.7
5 31	14 5.01	−13 5.5	2.053	2.933	11.8	20.9

267308 2001 SE_{256} 4 30.0 169°.85 1°.6/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.90	−11 56.3	2.476	3.267	12.2	22.3
4 1	14 52.10	−11 19.9	2.388	3.272	9.5	22.1
4 11	14 45.48	−10 36.9	2.324	3.277	6.4	21.9
4 21	14 37.53	− 9 50.3	2.287	3.280	3.2	21.7
5 1	14 28.95	− 9 3.6	2.280	3.283	1.9	21.6
5 11	14 20.52	− 8 20.9	2.302	3.285	4.8	21.8
5 21	14 12.96	− 7 45.8	2.352	3.287	8.0	22.0
5 31	14 6.86	− 7 21.2	2.428	3.287	10.9	22.2

491740 2012 VL_{32} 4 30.0 131°.85 3°.0/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.25	− 6 7.4	2.519	3.322	11.7	21.4
4 1	14 50.72	− 5 41.2	2.441	3.331	9.2	21.3
4 11	14 44.48	− 5 13.1	2.387	3.340	6.3	21.1
4 21	14 37.03	− 4 46.3	2.360	3.348	3.7	20.9
5 1	14 29.01	− 4 24.0	2.361	3.356	3.2	20.9
5 11	14 21.17	− 4 9.2	2.391	3.364	5.5	21.1
5 21	14 14.16	− 4 4.1	2.449	3.372	8.3	21.3
5 31	14 8.52	− 4 9.9	2.531	3.379	10.9	21.4

70614 1999 TF_{204} 4 30.0 141°.71 1°.7/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.69	−20 52.3	2.161	2.938	14.2	20.0
4 1	14 52.39	−20 53.8	2.073	2.943	11.4	19.8
4 11	14 45.92	−20 43.7	2.007	2.948	8.1	19.6
4 21	14 37.83	−20 22.6	1.966	2.953	4.5	19.4
5 1	14 28.92	−19 52.2	1.953	2.958	1.7	19.2
5 11	14 20.17	−19 16.2	1.968	2.962	4.2	19.4
5 21	14 12.43	−18 39.0	2.010	2.966	7.8	19.6
5 31	14 6.42	−18 5.4	2.078	2.970	11.1	19.8

300082 Moyocoanno 4 30.0 97°.97 3°.5/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.37	−25 54.2	2.386	3.139	13.7	20.8
4 1	14 52.05	−26 18.1	2.297	3.146	11.3	20.6
4 11	14 45.65	−26 29.5	2.229	3.152	8.4	20.4
4 21	14 37.69	−26 27.7	2.186	3.158	5.5	20.2
5 1	14 28.94	−26 12.8	2.170	3.165	3.5	20.1
5 11	14 20.29	−25 47.5	2.183	3.171	4.5	20.2
5 21	14 12.60	−25 15.6	2.223	3.177	7.3	20.4
5 31	14 6.53	−24 41.7	2.288	3.183	10.1	20.6

506410 1131 T-$_3$ 4 30.0 218°.72 1°.0/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.83	−20 50.6	2.732	3.496	11.9	22.9
4 1	14 51.32	−20 26.0	2.621	3.485	9.5	22.7
4 11	14 45.01	−19 50.3	2.533	3.473	6.7	22.5
4 21	14 37.35	−19 4.4	2.472	3.460	3.6	22.3
5 1	14 28.98	−18 10.4	2.441	3.447	1.0	22.1
5 11	14 20.65	−17 12.3	2.439	3.433	3.6	22.3
5 21	14 13.06	−16 14.4	2.467	3.418	6.9	22.4
5 31	14 6.83	−15 21.0	2.521	3.402	9.8	22.6

341886 2008 GG_{132} 4 30.0 321°.86 1°.5/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.36	− 8 29.7	4.214	5.011	7.5	20.9
4 1	14 43.24	− 8 8.7	4.119	5.007	5.8	20.7
4 11	14 39.17	− 7 45.7	4.049	5.003	3.9	20.6
4 21	14 34.42	− 7 22.3	4.008	4.999	2.1	20.5
5 1	14 29.33	− 7 0.3	3.996	4.995	1.6	20.4
5 11	14 24.29	− 6 41.7	4.014	4.992	3.2	20.5
5 21	14 19.65	− 6 27.9	4.060	4.988	5.1	20.7
5 31	14 15.74	− 6 20.3	4.132	4.984	6.9	20.8

153630 2001 TA_{57} 4 30.0 165°.93 6°.1/23.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.48	+ 1 36.0	2.450	3.255	11.9	21.5
4 1	14 50.94	+ 3 1.7	2.378	3.261	9.6	21.4
4 11	14 44.66	+ 4 26.4	2.330	3.267	7.4	21.2
4 21	14 37.14	+ 5 44.2	2.310	3.271	6.1	21.2
5 1	14 29.05	+ 6 49.4	2.319	3.275	6.6	21.2
5 11	14 21.14	+ 7 37.4	2.355	3.279	8.4	21.3
5 21	14 14.09	+ 8 6.0	2.417	3.281	10.7	21.5
5 31	14 8.45	+ 8 14.7	2.501	3.283	12.9	21.6

307996 2004 RH_{66} 4 30.0 262°.18 1°.8/ 1.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.09	−20 5.2	1.619	2.414	17.5	21.7
4 1	14 55.43	−20 10.0	1.514	2.396	14.2	21.4
4 11	14 48.74	−20 0.8	1.430	2.377	10.2	21.1
4 21	14 39.52	−19 37.2	1.368	2.358	5.5	20.8
5 1	14 28.77	−19 0.6	1.332	2.338	1.8	20.5
5 11	14 17.85	−18 15.7	1.323	2.318	5.6	20.7
5 21	14 8.13	−17 28.9	1.339	2.298	10.6	20.9
5 31	14 0.75	−16 47.5	1.377	2.277	15.2	21.1

174811 2003 XD_{12} 4 30.0 75°.86 2°.7/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.90	−11 6.6	1.527	2.349	17.1	20.1
4 1	14 53.11	−10 24.5	1.461	2.363	13.3	19.9
4 11	14 46.64	− 9 33.9	1.417	2.377	9.0	19.6
4 21	14 38.22	− 8 39.7	1.397	2.391	4.6	19.4
5 1	14 28.94	− 7 48.0	1.402	2.405	3.1	19.3
5 11	14 20.03	− 7 5.1	1.434	2.419	6.9	19.6
5 21	14 12.55	− 6 35.9	1.490	2.432	11.1	19.9
5 31	14 7.28	− 6 23.3	1.568	2.446	14.9	20.1

331594 2001 UL_{106} 4 30.0 33°.05 1°.9/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.57	−15 27.3	1.678	2.495	16.0	20.2
4 1	14 49.64	−14 13.5	1.598	2.497	12.5	19.9
4 11	14 44.27	−12 44.6	1.539	2.499	8.4	19.7
4 21	14 37.10	−11 5.7	1.505	2.501	4.1	19.4
5 1	14 29.06	− 9 24.4	1.498	2.503	2.3	19.3
5 11	14 21.26	− 7 49.4	1.518	2.505	6.4	19.6
5 21	14 14.66	− 6 28.5	1.564	2.507	10.7	19.8
5 31	14 10.02	− 5 27.0	1.633	2.510	14.4	20.1

372386 2009 QK_{12} 4 30.0 225°.92 0°.3/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.41	−16 28.3	2.085	2.878	14.2	22.4
4 1	14 52.32	−16 0.8	1.985	2.868	11.2	22.2
4 11	14 45.99	−15 22.3	1.907	2.859	7.7	21.9
4 21	14 37.94	−14 34.7	1.855	2.848	3.7	21.7
5 1	14 28.96	−13 41.6	1.830	2.838	0.6	21.4
5 11	14 20.03	−12 48.0	1.835	2.826	4.8	21.7
5 21	14 12.07	−11 59.2	1.866	2.815	8.8	21.9
5 31	14 5.84	−11 19.8	1.922	2.802	12.4	22.1

500982 2013 QL_{91} 4 30.0 123°.08 5°.8/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.88	− 2 8.3	1.900	2.719	14.3	21.6
4 1	14 51.73	− 0 56.4	1.834	2.730	11.4	21.4
4 11	14 45.42	+ 0 16.4	1.790	2.740	8.3	21.2
4 21	14 37.57	+ 1 23.8	1.772	2.750	6.1	21.1
5 1	14 29.02	+ 2 19.0	1.781	2.759	6.3	21.1
5 11	14 20.75	+ 2 57.1	1.817	2.768	8.7	21.3
5 21	14 13.60	+ 3 15.2	1.877	2.777	11.6	21.5
5 31	14 8.22	+ 3 13.0	1.959	2.785	14.4	21.7

120114 2003 FZ_{64} 4 30.0 86°.49 2°.6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.13	−10 47.4	1.396	2.221	18.2	19.9
4 1	14 55.23	−10 22.6	1.327	2.229	14.3	19.7
4 11	14 48.31	− 9 49.9	1.277	2.238	9.7	19.4
4 21	14 39.12	− 9 13.5	1.251	2.246	4.9	19.2
5 1	14 28.85	− 8 38.8	1.250	2.254	2.9	19.1
5 11	14 18.91	− 8 11.8	1.275	2.263	7.1	19.3
5 21	14 10.53	− 7 57.2	1.324	2.271	11.8	19.6
5 31	14 4.62	− 7 58.0	1.394	2.279	16.0	19.9

156400 2001 YR_{161} 4 30.0 159°.24 1°.9/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.04	−20 5.0	2.187	2.957	14.3	20.7
4 1	14 55.82	−20 27.0	2.096	2.962	11.5	20.5
4 11	14 48.31	−20 39.4	2.028	2.967	8.2	20.3
4 21	14 39.04	−20 41.7	1.986	2.972	4.6	20.1
5 1	14 28.86	−20 34.7	1.972	2.976	1.9	19.9
5 11	14 18.78	−20 21.0	1.986	2.980	4.3	20.0
5 21	14 9.75	−20 4.0	2.029	2.983	7.9	20.3
5 31	14 2.53	−19 48.1	2.097	2.985	11.2	20.5

153068 2000 QE_{201} 4 30.0 263°.96 0°.6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.98	−14 38.5	2.023	2.821	14.4	21.0
4 1	14 52.97	−14 24.7	1.914	2.801	11.4	20.7
4 11	14 46.59	−14 2.0	1.828	2.781	7.9	20.5
4 21	14 38.32	−13 32.0	1.766	2.760	3.8	20.2
5 1	14 28.93	−12 57.7	1.732	2.739	0.9	19.9
5 11	14 19.45	−12 23.4	1.726	2.717	5.1	20.2
5 21	14 10.88	−11 53.6	1.746	2.695	9.3	20.4
5 31	14 4.08	−11 32.7	1.791	2.672	13.2	20.6

43602 2001 SA_{316} 4 30.0 180°.99 4°.5/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.03	−32 18.1	2.966	3.673	12.2	19.6
4 1	14 52.29	−32 39.8	2.864	3.674	10.4	19.5
4 11	14 45.70	−32 48.1	2.784	3.674	8.2	19.3
4 21	14 37.72	−32 41.5	2.728	3.674	6.1	19.2
5 1	14 29.01	−32 19.9	2.700	3.674	4.7	19.1
5 11	14 20.37	−31 45.2	2.700	3.673	4.9	19.1
5 21	14 12.52	−31 0.6	2.728	3.672	6.6	19.2
5 31	14 6.10	−30 11.0	2.783	3.670	8.8	19.3

51359 2000 SC_{17} 4 30.0 301°.95 1°.6/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.89	−24 17.4	4.184	4.933	8.3	19.0
4 1	14 43.78	−24 8.1	4.074	4.924	6.7	18.9
4 11	14 39.61	−23 51.0	3.988	4.916	4.9	18.8
4 21	14 34.67	−23 26.5	3.929	4.908	3.0	18.6
5 1	14 29.35	−22 55.8	3.899	4.899	1.6	18.5
5 11	14 24.06	−22 20.8	3.899	4.891	2.5	18.6
5 21	14 19.21	−21 43.6	3.928	4.883	4.4	18.7
5 31	14 15.16	−21 6.8	3.984	4.874	6.3	18.8

244342 2002 JG_{114} 4 30.0 237°.64 11°.0/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.83	+11 34.7	1.990	2.794	14.3	20.4
4 1	14 51.92	+13 52.6	1.916	2.779	12.5	20.3
4 11	14 45.75	+16 4.6	1.866	2.764	11.2	20.2
4 21	14 37.84	+18 0.7	1.841	2.747	11.1	20.1
5 1	14 29.00	+19 31.4	1.841	2.730	12.1	20.1
5 11	14 20.22	+20 30.4	1.864	2.713	14.0	20.2
5 21	14 12.42	+20 55.7	1.908	2.694	16.1	20.3
5 31	14 6.36	+20 48.7	1.969	2.675	18.2	20.5

414114 2007 UM_{33} 4 30.0 214°.24 2°.1/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.39	−22 35.1	1.852	2.631	16.2	22.0
4 1	14 54.30	−22 24.1	1.755	2.625	13.1	21.8
4 11	14 47.57	−21 57.2	1.678	2.619	9.4	21.5
4 21	14 38.79	−21 14.5	1.625	2.612	5.3	21.3
5 1	14 28.90	−20 18.4	1.599	2.604	2.1	21.0
5 11	14 19.08	−19 14.0	1.601	2.596	4.9	21.2
5 21	14 10.44	−18 8.2	1.629	2.587	9.2	21.4
5 31	14 3.88	−17 8.0	1.682	2.578	13.1	21.7

325875 2010 TJ_{165} 4 30.0 237°.48 0°.7/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.73	−15 21.9	1.926	2.724	15.0	21.9
4 1	14 53.61	−14 55.6	1.823	2.710	11.9	21.7
4 11	14 47.04	−14 18.3	1.743	2.696	8.2	21.4
4 21	14 38.53	−13 32.1	1.688	2.682	3.9	21.1
5 1	14 28.93	−12 40.9	1.660	2.667	1.0	20.9
5 11	14 19.32	−11 49.9	1.660	2.651	5.3	21.2
5 21	14 10.74	−11 4.8	1.687	2.635	9.7	21.4
5 31	14 4.04	−10 30.4	1.738	2.618	13.6	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
191829 2004 *VR*			4 30.0 180°.05		2°.7/ 2.2 17	
	h m	° ′			°	m
3 22	14 56.58	−23 54.2	2.042	2.813	15.1	20.6
4 1	14 52.58	−23 58.9	1.950	2.814	12.3	20.4
4 11	14 46.22	−23 49.5	1.879	2.814	9.0	20.2
4 21	14 38.07	−23 25.5	1.832	2.814	5.4	20.0
5 1	14 28.98	−22 48.6	1.812	2.814	2.8	19.8
5 11	14 20.02	−22 2.4	1.820	2.814	4.6	19.9
5 21	14 12.13	−21 12.5	1.855	2.813	8.2	20.2
5 31	14 6.10	−20 24.6	1.915	2.813	11.6	20.4
306820 2001 QL_{257}			4 30.0 292°.22		5°.7/26.2 17	
3 22	14 54.19	− 7 19.3	1.354	2.194	17.9	20.2
4 1	14 51.90	− 6 7.1	1.256	2.167	14.3	19.9
4 11	14 46.52	− 4 43.3	1.179	2.141	10.1	19.6
4 21	14 38.52	− 3 14.8	1.124	2.114	6.4	19.3
5 1	14 28.92	− 1 51.4	1.093	2.087	6.4	19.2
5 11	14 19.12	− 0 43.6	1.086	2.060	10.4	19.3
5 21	14 10.56	+ 0 0.3	1.102	2.033	15.3	19.5
5 31	14 4.41	+ 0 15.8	1.136	2.006	19.9	19.7
59536 1999 JP_{28}			4 30.0 28°.50		0°.5/30.4 18	
3 22	14 54.11	−18 1.3	1.486	2.302	17.8	19.2
4 1	14 51.24	−17 48.9	1.413	2.308	14.1	19.0
4 11	14 45.58	−17 22.5	1.360	2.316	9.7	18.7
4 21	14 37.82	−16 44.0	1.330	2.324	4.9	18.5
5 1	14 29.03	−15 57.6	1.325	2.332	0.6	18.2
5 11	14 20.52	−15 9.4	1.345	2.341	5.4	18.5
5 21	14 13.42	−14 26.0	1.390	2.351	10.1	18.8
5 31	14 8.58	−13 52.9	1.457	2.361	14.3	19.1
328327 2008 JY_{25}			4 30.0 274°.59		4°.3/26.1 17	
3 22	14 52.77	− 9 3.2	1.799	2.622	14.9	20.9
4 1	14 49.78	− 7 36.1	1.703	2.606	11.7	20.6
4 11	14 44.44	− 5 57.9	1.630	2.589	8.1	20.4
4 21	14 37.26	− 4 14.7	1.582	2.572	5.0	20.2
5 1	14 29.09	− 2 34.8	1.562	2.555	4.9	20.1
5 11	14 20.95	− 1 6.9	1.569	2.538	8.2	20.3
5 21	14 13.82	+ 0 2.3	1.600	2.520	12.1	20.5
5 31	14 8.52	+ 0 48.6	1.654	2.503	15.7	20.6
513081 2017 WK_{21}			4 30.0 134°.24		2°.3/27.9 18	
3 22	14 54.57	− 7 46.2	2.679	3.478	11.2	21.7
4 1	14 50.14	− 7 27.2	2.597	3.485	8.7	21.6
4 11	14 44.10	− 7 5.6	2.539	3.492	6.0	21.4
4 21	14 36.90	− 6 44.1	2.508	3.499	3.2	21.2
5 1	14 29.15	− 6 25.4	2.506	3.505	2.5	21.2
5 11	14 21.54	− 6 12.3	2.533	3.512	4.8	21.4
5 21	14 14.69	− 6 6.9	2.588	3.518	7.6	21.5
5 31	14 9.14	− 6 10.6	2.669	3.524	10.2	21.7
366060 2012 CH_{28}			4 30.0 325°.48		1°.4/30.9 17	
3 22	14 50.62	−19 15.3	1.254	2.085	19.6	20.7
4 1	14 49.45	−19 17.0	1.160	2.064	15.9	20.4
4 11	14 45.04	−19 1.9	1.085	2.043	11.3	20.0
4 21	14 37.87	−18 29.9	1.030	2.023	6.0	19.7
5 1	14 29.02	−17 44.0	0.997	2.004	1.4	19.3
5 11	14 20.01	−16 50.6	0.988	1.987	6.3	19.6
5 21	14 12.40	−15 58.2	1.002	1.970	12.1	19.8
5 31	14 7.44	−15 15.5	1.035	1.955	17.3	20.0
65587 1033 *T*-3			4 30.0 291°.26		6°.5/ 4.9 18	
3 22	14 58.44	−33 20.9	2.372	3.087	14.7	19.4
4 1	14 54.17	−34 18.4	2.268	3.078	12.7	19.3
4 11	14 47.46	−35 1.6	2.184	3.069	10.4	19.1
4 21	14 38.77	−35 27.2	2.123	3.061	8.1	18.9
5 1	14 28.93	−35 33.1	2.088	3.052	6.6	18.8
5 11	14 18.99	−35 19.9	2.080	3.044	6.9	18.8
5 21	14 9.97	−34 50.9	2.097	3.035	8.6	18.9
5 31	14 2.78	−34 11.7	2.140	3.027	11.1	19.0
134528 1999 RQ_{38}			4 30.0 311°.10		2°.7/28.8 17	
3 22	14 56.91	− 9 20.6	1.357	2.190	18.2	19.5
4 1	14 54.04	− 9 16.1	1.265	2.172	14.5	19.2
4 11	14 47.97	− 9 6.6	1.193	2.154	10.1	18.9
4 21	14 39.23	− 8 55.1	1.142	2.137	5.2	18.6
5 1	14 28.88	− 8 46.2	1.116	2.120	3.0	18.4
5 11	14 18.40	− 8 44.9	1.115	2.104	7.6	18.6
5 21	14 9.26	− 8 55.3	1.136	2.088	12.8	18.8
5 31	14 2.64	− 9 20.0	1.178	2.073	17.5	19.1
477925 2011 QK_{29}			4 30.0 243°.84		4°.1/ 3.4 17	
3 22	14 56.63	−27 38.5	2.367	3.113	14.0	21.5
4 1	14 52.47	−28 5.2	2.265	3.107	11.7	21.3
4 11	14 46.11	−28 18.7	2.184	3.101	8.9	21.2
4 21	14 38.04	−28 17.4	2.127	3.094	6.1	21.0
5 1	14 29.03	−28 1.3	2.098	3.088	4.2	20.8
5 11	14 20.02	−27 32.4	2.096	3.081	5.0	20.9
5 21	14 11.91	−26 54.8	2.121	3.074	7.6	21.0
5 31	14 5.48	−26 13.7	2.172	3.068	10.6	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
332592 2008 SR_{174}			4 30.0 212°.85		3°.9/ 3.7 18	
	h m	° ′			°	m
3 22	14 57.50	−29 19.9	2.569	3.299	13.4	21.4
4 1	14 52.94	−29 25.3	2.460	3.292	11.2	21.2
4 11	14 46.32	−29 16.0	2.373	3.283	8.6	21.0
4 21	14 38.10	−28 50.8	2.310	3.274	5.9	20.9
5 1	14 29.03	−28 10.2	2.275	3.265	4.0	20.7
5 11	14 20.00	−27 16.9	2.269	3.254	4.7	20.7
5 21	14 11.85	−26 15.6	2.291	3.244	7.2	20.9
5 31	14 5.29	−25 12.0	2.340	3.232	10.0	21.0
230050 2000 SU_{109}			4 30.0 183°.39		2°.1/27.9 18	
3 22	14 54.87	−12 3.1	2.374	3.172	12.5	21.1
4 1	14 50.66	−11 5.7	2.284	3.172	9.7	20.9
4 11	14 44.60	−10 0.1	2.218	3.173	6.6	20.7
4 21	14 37.20	− 8 50.1	2.179	3.172	3.3	20.5
5 1	14 29.13	− 7 40.3	2.169	3.171	2.4	20.5
5 11	14 21.21	− 6 36.1	2.189	3.169	5.3	20.6
5 21	14 14.16	− 5 41.8	2.236	3.167	8.6	20.8
5 31	14 8.56	− 5 0.8	2.308	3.164	11.5	21.0
263396 2008 DS_{10}			4 30.0 323°.93		4°.7/ 3.7 16	
3 22	14 55.20	−28 23.1	2.160	2.911	15.0	21.0
4 1	14 51.60	−28 55.3	2.061	2.905	12.6	20.8
4 11	14 45.65	−29 13.0	1.983	2.899	9.7	20.6
4 21	14 37.86	−29 14.4	1.928	2.893	6.8	20.4
5 1	14 29.05	−28 59.1	1.899	2.887	4.8	20.3
5 11	14 20.24	−28 29.3	1.897	2.882	5.5	20.3
5 21	14 12.42	−27 49.4	1.922	2.877	8.2	20.5
5 31	14 6.41	−27 5.2	1.971	2.872	11.2	20.7
508614 2017 SN_{35}			4 30.0 240°.50		2°.7/28.1 17	
3 22	14 56.05	− 8 32.4	2.018	2.828	13.9	21.5
4 1	14 51.99	− 8 8.3	1.929	2.824	10.9	21.3
4 11	14 45.74	− 7 40.0	1.863	2.820	7.5	21.0
4 21	14 37.83	− 7 10.6	1.823	2.815	4.0	20.8
5 1	14 29.06	− 6 44.1	1.810	2.811	3.0	20.7
5 11	14 20.39	− 6 24.7	1.825	2.806	6.1	20.9
5 21	14 12.70	− 6 15.6	1.866	2.801	9.7	21.1
5 31	14 6.73	− 6 18.9	1.930	2.796	13.0	21.3
376518 2012 LQ_{19}			4 30.0 290°.94		0°.8/30.7 18	
3 22	14 53.49	−20 6.9	1.723	2.525	16.3	20.6
4 1	14 50.62	−19 38.9	1.626	2.513	13.1	20.3
4 11	14 45.16	−18 54.6	1.549	2.501	9.2	20.1
4 21	14 37.67	−17 55.3	1.496	2.489	4.7	19.8
5 1	14 29.07	−16 45.0	1.470	2.477	0.8	19.4
5 11	14 20.53	−15 30.4	1.470	2.465	5.1	19.7
5 21	14 13.12	−14 18.8	1.495	2.454	9.8	20.0
5 31	14 7.74	−13 17.4	1.544	2.442	13.9	20.2
174776 2003 WS_{62}			4 30.0 131°.95		2°.8/28.3 17	
3 22	14 59.23	− 9 11.7	1.693	2.508	16.0	20.3
4 1	14 54.81	− 8 48.7	1.617	2.514	12.6	20.1
4 11	14 47.80	− 8 20.5	1.562	2.519	8.6	19.9
4 21	14 38.86	− 7 50.7	1.532	2.525	4.5	19.6
5 1	14 28.96	− 7 23.8	1.528	2.530	3.1	19.5
5 11	14 19.31	− 7 4.6	1.552	2.535	6.6	19.8
5 21	14 10.94	− 6 56.6	1.601	2.540	10.7	20.0
5 31	14 4.67	− 7 2.1	1.672	2.545	14.4	20.3
27221 1999 FA_{27}			4 30.0 103°.98		4°.5/26.1 18	
3 22	14 57.77	− 5 0.9	2.069	2.878	13.7	18.6
4 1	14 52.88	− 3 50.9	2.012	2.904	10.7	18.4
4 11	14 46.01	− 2 38.8	1.978	2.930	7.5	18.3
4 21	14 37.81	− 1 29.9	1.971	2.955	4.9	18.1
5 1	14 29.09	− 0 30.1	1.993	2.979	4.9	18.2
5 11	14 20.75	+ 0 15.8	2.042	3.002	7.3	18.4
5 21	14 13.53	+ 0 45.0	2.118	3.025	10.2	18.6
5 31	14 8.00	+ 0 56.5	2.217	3.047	12.9	18.8
412979 1995 BH_{14}			4 30.1 139°.85		0°.6/30.5 17	
3 22	14 57.79	−18 35.5	2.033	2.819	14.7	21.6
4 1	14 53.32	−18 17.9	1.951	2.829	11.7	21.4
4 11	14 46.59	−17 48.6	1.890	2.838	8.1	21.2
4 21	14 38.21	−17 9.3	1.855	2.847	4.1	21.0
5 1	14 29.05	−16 23.0	1.847	2.855	0.6	20.7
5 11	14 20.10	−15 34.5	1.868	2.862	4.4	21.0
5 21	14 12.26	−14 48.8	1.917	2.869	8.3	21.3
5 31	14 6.25	−14 10.7	1.990	2.876	11.8	21.5
88450 2001 QE_{84}			4 30.1 229°.89		3°.7/ 2.5 18	
3 22	15 0.16	−25 19.6	1.757	2.528	17.2	20.1
4 1	14 56.05	−25 30.2	1.656	2.517	14.3	19.9
4 11	14 49.03	−25 23.7	1.574	2.507	10.6	19.7
4 21	14 39.63	−24 58.6	1.516	2.495	6.7	19.4
5 1	14 28.88	−24 15.4	1.483	2.483	3.7	19.2
5 11	14 18.10	−23 18.1	1.477	2.470	5.6	19.3
5 21	14 8.56	−22 13.7	1.498	2.457	9.7	19.5
5 31	14 1.31	−21 10.4	1.542	2.443	13.8	19.7

37404 2001 XF_{99} 4 30.1 205°.09 3°.6/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.57	− 7 4.9	2.015	2.817	14.2	19.7
4 1	14 55.56	− 6 26.1	1.922	2.811	11.2	19.5
4 11	14 48.20	− 5 42.7	1.852	2.805	7.8	19.2
4 21	14 39.05	− 4 59.0	1.808	2.797	4.5	19.0
5 1	14 28.96	− 4 19.7	1.792	2.788	3.9	19.0
5 11	14 18.94	− 3 49.7	1.805	2.779	6.9	19.1
5 21	14 9.96	− 3 32.7	1.844	2.768	10.5	19.3
5 31	14 2.79	− 3 30.8	1.907	2.757	13.9	19.5

321324 Vytautas 4 30.1 107°.56 2°.5/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.04	− 8 16.4	2.427	3.232	12.0	21.2
4 1	14 49.89	− 7 46.5	2.350	3.241	9.4	21.0
4 11	14 44.01	− 7 13.2	2.296	3.251	6.4	20.9
4 21	14 36.89	− 6 39.5	2.269	3.260	3.5	20.7
5 1	14 29.20	− 6 8.9	2.270	3.269	2.8	20.6
5 11	14 21.68	− 5 45.0	2.300	3.279	5.3	20.8
5 21	14 15.01	− 5 30.2	2.358	3.287	8.2	21.0
5 31	14 9.74	− 5 26.4	2.439	3.296	11.0	21.2

216834 2006 WY_{25} 4 30.1 74°.15 1°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.87	−20 15.3	2.297	3.080	13.3	20.6
4 1	14 49.24	−19 54.7	2.213	3.088	10.6	20.4
4 11	14 43.70	−19 22.5	2.151	3.096	7.4	20.3
4 21	14 36.78	−18 40.2	2.114	3.104	3.9	20.0
5 1	14 29.20	−17 50.6	2.106	3.113	1.0	19.8
5 11	14 21.81	−16 58.0	2.126	3.121	3.9	20.1
5 21	14 15.34	−16 7.2	2.174	3.129	7.3	20.3
5 31	14 10.40	−15 22.5	2.246	3.137	10.5	20.5

241863 2001 TG_{184} 4 30.1 224°.12 1°.4/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.03	−14 29.7	2.371	3.170	12.5	20.8
4 1	14 48.52	−13 33.8	2.277	3.166	9.7	20.6
4 11	14 43.20	−12 27.9	2.206	3.162	6.6	20.4
4 21	14 36.54	−11 15.4	2.163	3.157	3.2	20.2
5 1	14 29.23	−10 0.9	2.148	3.152	1.6	20.1
5 11	14 22.03	− 8 49.8	2.162	3.148	4.8	20.3
5 21	14 15.65	− 7 46.9	2.204	3.143	8.2	20.5
5 31	14 10.70	− 6 56.4	2.270	3.138	11.3	20.7

131943 2002 CS_{28} 4 30.1 210°.95 0°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.37	−17 2.5	1.754	2.549	16.3	20.0
4 1	14 55.94	−17 1.4	1.661	2.544	13.0	19.8
4 11	14 48.77	−16 49.5	1.588	2.539	9.1	19.5
4 21	14 39.44	−16 27.6	1.541	2.533	4.6	19.3
5 1	14 28.92	−15 58.2	1.519	2.527	0.6	18.9
5 11	14 18.45	−15 25.7	1.526	2.520	5.2	19.3
5 21	14 9.19	−14 55.2	1.559	2.513	9.8	19.5
5 31	14 2.09	−14 32.1	1.615	2.505	13.9	19.7

45921 2000 YU_{104} 4 30.1 285°.13 5°.9/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.69	− 1 32.3	1.943	2.765	14.0	18.1
4 1	14 50.27	− 0 32.2	1.854	2.751	11.2	17.9
4 11	14 44.65	+ 0 29.1	1.787	2.737	8.3	17.7
4 21	14 37.35	+ 1 25.9	1.746	2.723	6.1	17.6
5 1	14 29.14	+ 2 11.9	1.731	2.709	6.3	17.5
5 11	14 20.99	+ 2 41.5	1.742	2.695	8.8	17.7
5 21	14 13.78	+ 2 51.8	1.777	2.681	12.0	17.8
5 31	14 8.27	+ 2 41.5	1.834	2.667	15.0	18.0

343628 2010 HC_{41} 4 30.1 283°.27 2°.5/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.32	−29 6.0	4.482	5.203	8.2	20.5
4 1	14 44.11	−29 4.2	4.369	5.194	6.8	20.4
4 11	14 39.84	−28 53.8	4.280	5.186	5.2	20.3
4 21	14 34.82	−28 34.7	4.217	5.177	3.6	20.1
5 1	14 29.42	−28 7.6	4.182	5.168	2.5	20.0
5 11	14 24.05	−27 34.2	4.176	5.160	2.9	20.1
5 21	14 19.11	−26 56.5	4.200	5.151	4.3	20.2
5 31	14 14.94	−26 16.9	4.251	5.142	5.9	20.3

191926 2005 SA_{83} 4 30.1 171°.87 1°.8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.79	−14 48.1	1.404	2.226	18.3	21.6
4 1	14 53.55	−13 59.7	1.326	2.227	14.4	21.4
4 11	14 47.30	−12 56.6	1.268	2.228	9.8	21.1
4 21	14 38.74	−11 43.2	1.233	2.229	4.7	20.8
5 1	14 29.01	−10 26.3	1.223	2.229	2.1	20.6
5 11	14 19.52	− 9 14.7	1.239	2.229	6.9	20.9
5 21	14 11.53	− 8 16.2	1.279	2.229	11.9	21.2
5 31	14 5.96	− 7 36.5	1.341	2.229	16.3	21.5

251638 2010 KD_{83} 4 30.1 259°.66 2°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.51	− 8 39.6	2.599	3.403	11.4	21.1
4 1	14 48.78	− 8 2.0	2.496	3.388	8.9	20.9
4 11	14 43.35	− 7 19.8	2.417	3.372	6.1	20.7
4 21	14 36.64	− 6 35.9	2.366	3.357	3.4	20.5
5 1	14 29.24	− 5 54.2	2.342	3.341	2.8	20.5
5 11	14 21.86	− 5 18.4	2.348	3.325	5.3	20.6
5 21	14 15.16	− 4 51.8	2.381	3.309	8.3	20.8
5 31	14 9.74	− 4 36.6	2.438	3.292	11.1	20.9

17965 Brodersen 4 30.1 286°.55 2°.1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.46	−21 28.4	1.805	2.595	16.1	19.0
4 1	14 52.17	−21 31.5	1.705	2.582	13.1	18.8
4 11	14 46.26	−21 20.7	1.624	2.569	9.4	18.5
4 21	14 38.25	−20 55.8	1.567	2.555	5.3	18.3
5 1	14 29.06	−20 18.3	1.537	2.542	2.1	18.0
5 11	14 19.83	−19 32.7	1.533	2.528	5.0	18.2
5 21	14 11.70	−18 44.7	1.555	2.515	9.3	18.4
5 31	14 5.59	−18 0.9	1.600	2.502	13.3	18.6

521165 2015 FM_{408} 4 30.1 313°.28 0°.5/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.11	−13 0.1	2.090	2.889	13.9	21.2
4 1	14 52.86	−13 11.0	1.996	2.883	11.0	21.0
4 11	14 46.39	−13 16.7	1.924	2.878	7.5	20.8
4 21	14 38.20	−13 18.3	1.878	2.872	3.6	20.5
5 1	14 29.08	−13 17.7	1.860	2.867	0.7	20.3
5 11	14 19.99	−13 17.5	1.870	2.862	4.7	20.5
5 21	14 11.86	−13 20.4	1.907	2.857	8.6	20.8
5 31	14 5.43	−13 29.1	1.969	2.853	12.0	21.0

392669 2011 UR_{305} 4 30.1 198°.42 1°.9/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.16	−21 20.9	2.588	3.353	12.4	21.5
4 1	14 51.73	−21 35.7	2.490	3.352	10.0	21.4
4 11	14 45.40	−21 41.2	2.414	3.350	7.2	21.2
4 21	14 37.65	−21 37.3	2.364	3.348	4.2	21.0
5 1	14 29.14	−21 24.8	2.343	3.346	1.9	20.8
5 11	14 20.68	−21 6.2	2.351	3.344	3.8	20.9
5 21	14 13.01	−20 44.5	2.387	3.341	6.8	21.1
5 31	14 6.79	−20 23.5	2.449	3.339	9.7	21.3

313726 2003 UM_{169} 4 30.1 9°.53 0°.8/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.43	−16 1.2	1.358	2.178	19.0	21.2
4 1	14 55.10	−16 24.3	1.281	2.178	15.1	21.0
4 11	14 48.55	−16 37.7	1.223	2.180	10.5	20.7
4 21	14 39.44	−16 41.4	1.187	2.181	5.3	20.4
5 1	14 28.96	−16 37.3	1.176	2.183	0.9	20.1
5 11	14 18.62	−16 29.4	1.190	2.186	5.9	20.4
5 21	14 9.84	−16 22.4	1.227	2.189	11.0	20.7
5 31	14 3.68	−16 21.3	1.286	2.193	15.6	21.0

304642 2006 WL_{5} 4 30.1 183°.05 3°.1/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.80	− 5 33.0	2.519	3.323	11.7	20.7
4 1	14 50.49	− 5 8.4	2.433	3.323	9.2	20.6
4 11	14 44.45	− 4 42.2	2.371	3.323	6.4	20.4
4 21	14 37.14	− 4 17.5	2.335	3.323	3.8	20.2
5 1	14 29.21	− 3 57.7	2.328	3.322	3.4	20.2
5 11	14 21.39	− 3 45.7	2.350	3.322	5.6	20.3
5 21	14 14.36	− 3 43.7	2.398	3.321	8.5	20.5
5 31	14 8.68	− 3 52.9	2.472	3.320	11.1	20.7

44976 1999 VJ_{146} 4 30.1 353°.20 1°.3/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.33	−15 17.4	1.319	2.153	18.6	19.0
4 1	14 50.27	−14 42.9	1.242	2.149	14.7	18.8
4 11	14 45.20	−13 53.7	1.184	2.146	10.0	18.5
4 21	14 37.78	−12 53.4	1.148	2.144	4.8	18.2
5 1	14 29.13	−11 48.5	1.136	2.143	1.6	17.9
5 11	14 20.68	−10 47.1	1.149	2.142	6.7	18.3
5 21	14 13.68	− 9 57.1	1.185	2.142	11.8	18.5
5 31	14 9.12	− 9 24.1	1.241	2.143	16.4	18.8

183358 2002 VM_{131} 4 30.1 206°.63 1°.6/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 46.53	− 6 47.8	4.857	5.651	6.6	20.8
4 1	14 43.26	− 6 30.0	4.763	5.649	5.1	20.7
4 11	14 39.16	− 6 11.1	4.695	5.646	3.5	20.6
4 21	14 34.47	− 5 52.6	4.655	5.644	2.0	20.4
5 1	14 29.50	− 5 35.9	4.645	5.641	1.7	20.4
5 11	14 24.57	− 5 22.6	4.665	5.638	3.0	20.5
5 21	14 19.99	− 5 14.0	4.714	5.635	4.7	20.6
5 31	14 16.03	− 5 10.9	4.789	5.633	6.2	20.7

171891 2001 RW_{46} 4 30.1 109°.62 8°.7/20.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.00	+15 41.2	2.705	3.483	11.6	19.8
4 1	14 50.35	+16 59.1	2.664	3.503	10.2	19.7
4 11	14 44.15	+18 6.0	2.646	3.523	9.1	19.7
4 21	14 36.91	+18 56.6	2.653	3.542	8.7	19.7
5 1	14 29.26	+19 26.8	2.685	3.561	9.2	19.7
5 11	14 21.88	+19 34.6	2.741	3.579	10.3	19.8
5 21	14 15.35	+19 20.5	2.820	3.597	11.7	19.9
5 31	14 10.15	+18 46.3	2.919	3.615	13.0	20.1

107443 2001 DX_{17} 4 30.1 346°.49 1°.6/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.46	−11 37.1	1.396	2.223	18.1	18.8
4 1	14 54.20	−11 38.2	1.316	2.219	14.4	18.5
4 11	14 47.86	−11 32.5	1.256	2.216	9.8	18.3
4 21	14 39.10	−11 22.4	1.218	2.213	4.8	18.0
5 1	14 29.02	−11 11.5	1.205	2.211	1.8	17.8
5 11	14 19.06	−11 4.5	1.217	2.209	6.6	18.0
5 21	14 10.54	−11 5.5	1.253	2.208	11.6	18.3
5 31	14 4.48	−11 17.7	1.311	2.207	16.0	18.6

329632 2003 SZ_{59} 4 30.1 206°.61 0°.9/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.25	−17 25.3	1.858	2.646	15.8	21.4
4 1	14 56.51	−17 35.0	1.763	2.642	12.6	21.2
4 11	14 49.12	−17 35.0	1.690	2.638	8.8	20.9
4 21	14 39.62	−17 25.5	1.641	2.632	4.5	20.7
5 1	14 28.97	−17 8.3	1.620	2.627	0.9	20.4
5 11	14 18.35	−16 46.8	1.626	2.621	4.9	20.7
5 21	14 8.88	−16 25.4	1.660	2.614	9.3	20.9
5 31	14 1.49	−16 8.9	1.717	2.607	13.2	21.1

223889 2004 VS_{14} 4 30.1 191°.89 2°.3/ 1.9 18

3 22	14 55.62	−23 17.1	2.028	2.804	15.1	20.4
4 1	14 51.85	−23 13.0	1.936	2.803	12.2	20.2
4 11	14 45.76	−22 54.4	1.865	2.803	8.8	20.0
4 21	14 37.91	−22 21.6	1.818	2.802	5.2	19.8
5 1	14 29.15	−21 36.4	1.798	2.801	2.4	19.6
5 11	14 20.52	−20 43.3	1.806	2.800	4.5	19.7
5 21	14 12.95	−19 47.9	1.841	2.800	8.2	19.9
5 31	14 7.21	−18 56.0	1.900	2.798	11.7	20.1

208710 2002 JR_{69} 4 30.1 317°.86 7°.3/24.8 17

3 22	14 51.24	− 4 17.7	1.315	2.165	17.8	19.6
4 1	14 49.39	− 2 45.2	1.236	2.151	14.2	19.3
4 11	14 44.63	− 1 4.8	1.177	2.137	10.4	19.1
4 21	14 37.54	+ 0 34.1	1.140	2.124	7.6	18.9
5 1	14 29.19	+ 2 0.1	1.127	2.111	8.1	18.8
5 11	14 20.92	+ 3 3.1	1.138	2.099	11.5	19.0
5 21	14 13.99	+ 3 36.8	1.170	2.088	15.6	19.2
5 31	14 9.39	+ 3 39.4	1.220	2.077	19.6	19.4

355701 2008 FE_{58} 4 30.1 345°.61 1°.4/28.9 17

3 22	14 51.87	−12 33.6	2.117	2.927	13.4	20.9
4 1	14 48.67	−12 9.5	2.029	2.923	10.5	20.7
4 11	14 43.46	−11 38.2	1.962	2.920	7.1	20.5
4 21	14 36.75	−11 2.4	1.922	2.916	3.5	20.3
5 1	14 29.28	−10 25.8	1.908	2.914	1.6	20.1
5 11	14 21.91	− 9 52.6	1.922	2.911	5.0	20.4
5 21	14 15.44	− 9 26.8	1.963	2.909	8.6	20.6
5 31	14 10.53	− 9 11.2	2.027	2.907	11.9	20.8

310195 2011 SS_{119} 4 30.1 259°.31 0°.6/29.5 18

3 22	14 55.03	−13 35.9	2.471	3.263	12.2	21.0
4 1	14 50.92	−13 28.5	2.366	3.250	9.6	20.8
4 11	14 44.91	−13 15.0	2.285	3.237	6.6	20.5
4 21	14 37.46	−12 56.9	2.230	3.224	3.2	20.3
5 1	14 29.20	−12 36.5	2.203	3.210	0.8	20.1
5 11	14 20.95	−12 16.8	2.206	3.197	4.3	20.3
5 21	14 13.44	−12 1.0	2.236	3.183	7.7	20.5
5 31	14 7.35	−11 51.8	2.292	3.169	10.8	20.7

410346 2007 UX_{105} 4 30.1 212°.66 2°.1/28.6 16

3 22	14 59.31	−11 16.5	1.995	2.795	14.4	22.1
4 1	14 54.67	−10 46.3	1.899	2.788	11.4	21.9
4 11	14 47.68	−10 8.7	1.825	2.780	7.8	21.7
4 21	14 38.86	− 9 26.7	1.777	2.771	3.9	21.4
5 1	14 29.06	− 8 44.6	1.758	2.761	2.3	21.3
5 11	14 19.31	− 8 7.3	1.766	2.751	5.9	21.5
5 21	14 10.59	− 7 39.1	1.802	2.740	9.8	21.7
5 31	14 3.69	− 7 23.4	1.861	2.728	13.4	21.9

104717 2000 GH_{173} 4 30.1 38°.48 6°.4/23.5 18

3 22	14 51.30	− 8 17.9	1.544	2.380	16.3	18.5
4 1	14 48.55	− 5 28.2	1.490	2.399	12.6	18.3
4 11	14 43.43	− 2 28.7	1.460	2.419	8.9	18.1
4 21	14 36.69	+ 0 28.2	1.458	2.440	6.5	18.1
5 1	14 29.31	+ 3 8.9	1.484	2.461	7.4	18.1
5 11	14 22.36	+ 5 22.1	1.537	2.483	10.4	18.4
5 21	14 16.71	+ 7 1.9	1.614	2.505	13.7	18.6
5 31	14 13.00	+ 8 7.0	1.711	2.528	16.6	18.9

514772 2007 ET_{225} 4 30.1 347°.68 3°.5/ 4.5 18

3 22	14 50.23	−30 47.7	3.863	4.576	9.5	21.0
4 1	14 46.61	−31 11.2	3.758	4.573	8.0	20.8
4 11	14 41.68	−31 25.2	3.675	4.570	6.3	20.7
4 21	14 35.79	−31 28.8	3.618	4.567	4.7	20.6
5 1	14 29.39	−31 22.3	3.589	4.564	3.6	20.5
5 11	14 23.00	−31 6.9	3.588	4.562	3.8	20.5
5 21	14 17.13	−30 44.5	3.615	4.560	5.1	20.6
5 31	14 12.21	−30 18.0	3.669	4.558	6.8	20.7

473352 2015 TH_{216} 4 30.1 194°.77 0°.5/30.8 18

3 22	14 49.55	−18 39.3	4.228	4.993	8.0	23.0
4 1	14 45.78	−18 26.6	4.124	4.990	6.3	22.9
4 11	14 40.96	−18 8.0	4.045	4.987	4.4	22.7
4 21	14 35.39	−17 44.6	3.994	4.983	2.3	22.6
5 1	14 29.44	−17 17.6	3.973	4.979	0.5	22.4
5 11	14 23.54	−16 48.9	3.982	4.975	2.4	22.5
5 21	14 18.08	−16 20.6	4.021	4.971	4.5	22.7
5 31	14 13.41	−15 54.7	4.088	4.966	6.4	22.8

84192 2002 RU_{113} 4 30.1 154°.31 1°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.99	−13 0.1	2.680	3.469	11.4	21.3
4 1	14 50.53	−12 31.3	2.594	3.477	8.9	21.2
4 11	14 44.41	−11 56.3	2.532	3.485	6.0	21.0
4 21	14 37.12	−11 17.5	2.498	3.492	2.9	20.8
5 1	14 29.27	−10 37.7	2.493	3.498	1.3	20.7
5 11	14 21.57	−10 0.6	2.517	3.504	4.2	20.9
5 21	14 14.65	− 9 29.3	2.570	3.509	7.2	21.1
5 31	14 9.05	− 9 6.4	2.649	3.514	9.9	21.3

344904 2004 RJ_{162} 4 30.1 298°.57 4°.8/ 3.1 17

3 22	14 55.80	−26 53.1	1.727	2.501	17.4	21.1
4 1	14 52.87	−27 21.7	1.619	2.480	14.6	20.8
4 11	14 47.05	−27 33.8	1.531	2.459	11.2	20.6
4 21	14 38.80	−27 26.7	1.465	2.438	7.5	20.3
5 1	14 29.07	−26 59.6	1.423	2.418	5.0	20.1
5 11	14 19.16	−26 15.2	1.407	2.398	6.2	20.1
5 21	14 10.37	−25 19.6	1.416	2.377	9.9	20.3
5 31	14 3.82	−24 20.8	1.449	2.358	14.0	20.5

364174 2006 KV_{47} 4 30.1 57°.76 1°.1/29.3 18

3 22	14 55.60	−15 57.2	1.358	2.182	18.7	20.9
4 1	14 52.59	−15 15.3	1.290	2.192	14.7	20.7
4 11	14 46.60	−14 18.5	1.242	2.202	10.0	20.4
4 21	14 38.39	−13 10.9	1.216	2.212	4.7	20.2
5 1	14 29.15	−11 59.1	1.216	2.222	1.5	20.0
5 11	14 20.27	−10 51.7	1.241	2.233	6.5	20.3
5 21	14 12.96	− 9 56.2	1.289	2.244	11.4	20.6
5 31	14 8.08	− 9 17.8	1.360	2.255	15.6	20.9

388392 2006 UR_{332} 4 30.1 348°.95 5°.6/24.9 18

3 22	14 50.87	− 2 26.9	1.987	2.813	13.5	21.1
4 1	14 47.92	− 1 13.4	1.910	2.811	10.7	20.9
4 11	14 42.95	+ 0 1.9	1.856	2.808	7.9	20.7
4 21	14 36.51	+ 1 13.1	1.828	2.806	5.8	20.6
5 1	14 29.35	+ 2 13.5	1.826	2.804	6.1	20.6
5 11	14 22.34	+ 2 57.7	1.851	2.803	8.5	20.8
5 21	14 16.26	+ 3 22.4	1.900	2.802	11.4	20.9
5 31	14 11.77	+ 3 26.6	1.970	2.801	14.2	21.1

247714 2003 EA_{58} 4 30.1 349°.64 14°.4/18.6 18

3 22	14 48.91	+12 16.3	1.258	2.103	18.7	18.5
4 1	14 47.58	+14 19.1	1.203	2.093	16.4	18.3
4 11	14 43.34	+16 8.8	1.167	2.085	14.8	18.2
4 21	14 36.88	+17 32.3	1.151	2.077	14.5	18.1
5 1	14 29.31	+18 18.3	1.155	2.072	15.5	18.1
5 11	14 21.99	+18 20.7	1.177	2.067	17.6	18.3
5 21	14 16.10	+17 40.2	1.217	2.064	20.1	18.4
5 31	14 12.52	+16 21.6	1.271	2.063	22.6	18.6

399931 2005 YU_{161} 4 30.1 162°.46 2°.3/ 1.7 14 C

3 22	14 59.23	−23 8.5	1.628	2.413	17.8	22.3
4 1	14 55.24	−22 56.5	1.543	2.417	14.4	22.1
4 11	14 48.37	−22 26.5	1.479	2.421	10.4	21.8
4 21	14 39.28	−21 38.7	1.437	2.424	5.9	21.6
5 1	14 29.06	−20 36.0	1.421	2.426	2.3	21.4
5 11	14 19.07	−19 24.7	1.433	2.428	5.2	21.5
5 21	14 10.50	−18 12.9	1.470	2.430	9.7	21.8
5 31	14 4.27	−17 8.3	1.531	2.431	13.9	22.0

475689 2006 VP_{93} 4 30.1 72°.11 3°.5/27.4 17

3 22	14 56.05	− 4 27.0	2.297	3.103	12.6	21.1
4 1	14 51.65	− 4 10.1	2.214	3.105	9.9	20.9
4 11	14 45.34	− 3 52.8	2.155	3.107	6.9	20.7
4 21	14 37.63	− 3 38.2	2.121	3.108	4.2	20.6
5 1	14 29.24	− 3 29.7	2.116	3.110	3.7	20.5
5 11	14 20.98	− 3 30.1	2.140	3.112	6.1	20.7
5 21	14 13.61	− 3 41.1	2.190	3.114	9.1	20.9
5 31	14 7.74	− 4 3.6	2.264	3.115	11.9	21.1

34521 2000 SA_{191} 4 30.1 269°.62 2°.7/ 3.9 18

3 22	14 49.99	−28 57.4	4.430	5.146	8.3	18.9
4 1	14 46.23	−29 15.9	4.320	5.141	6.9	18.7
4 11	14 41.33	−29 26.4	4.234	5.135	5.4	18.6
4 21	14 35.61	−29 28.6	4.173	5.130	3.8	18.5
5 1	14 29.45	−29 22.7	4.142	5.124	2.8	18.4
5 11	14 23.29	−29 9.8	4.140	5.119	3.1	18.4
5 21	14 17.57	−28 51.5	4.166	5.113	4.5	18.5
5 31	14 12.65	−28 30.2	4.220	5.107	6.1	18.6

85484 1997 QV_{2} 4 30.1 219°.75 2°.8/ 2.0 18

3 22	15 0.00	−23 46.8	1.860	2.632	16.4	19.6
4 1	14 55.70	−23 47.8	1.759	2.624	13.4	19.4
4 11	14 48.67	−23 33.0	1.679	2.615	9.8	19.2
4 21	14 39.46	−23 1.6	1.622	2.605	5.8	18.9
5 1	14 29.04	−22 14.9	1.592	2.594	2.8	18.7
5 11	14 18.63	−21 17.5	1.589	2.583	5.1	18.8
5 21	14 9.40	−20 15.7	1.613	2.571	9.2	19.0
5 31	14 2.29	−19 16.9	1.662	2.559	13.2	19.2

399347 2000 SN_{126} 4 30.1 200°.44 3°.1/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.56	− 9 5.0	2.131	2.933	13.6	22.1
4 1	14 53.86	− 8 12.6	2.039	2.928	10.7	21.9
4 11	14 46.99	− 7 13.5	1.969	2.923	7.3	21.6
4 21	14 38.49	− 6 11.8	1.926	2.916	4.1	21.4
5 1	14 29.16	− 5 12.7	1.912	2.909	3.4	21.4
5 11	14 19.92	− 4 21.7	1.926	2.901	6.4	21.5
5 21	14 11.65	− 3 43.1	1.967	2.892	9.9	21.7
5 31	14 5.07	− 3 19.8	2.033	2.882	13.1	21.9

28251 Gerbaldi 4 30.1 196°.00 1°.3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.32	−12 37.0	2.473	3.269	12.1	19.7
4 1	14 50.25	−12 9.0	2.380	3.267	9.5	19.5
4 11	14 44.37	−11 34.5	2.311	3.265	6.4	19.3
4 21	14 37.17	−10 55.9	2.269	3.263	3.1	19.1
5 1	14 29.30	−10 16.3	2.255	3.260	1.5	18.9
5 11	14 21.53	− 9 39.7	2.270	3.257	4.5	19.1
5 21	14 14.56	− 9 9.5	2.313	3.253	7.8	19.3
5 31	14 8.98	− 8 48.6	2.381	3.250	10.8	19.5

53167 1999 CJ_{10} 4 30.1 304°.64 5°.6/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.54	−25 14.9	1.691	2.462	17.8	17.7
4 1	14 57.52	−26 25.8	1.592	2.450	14.9	17.5
4 11	14 50.34	−27 25.5	1.513	2.439	11.5	17.2
4 21	14 40.48	−28 10.0	1.456	2.427	7.9	17.0
5 1	14 28.94	−28 36.0	1.425	2.416	5.6	16.8
5 11	14 17.16	−28 43.7	1.420	2.405	6.9	16.9
5 21	14 6.58	−28 36.7	1.440	2.394	10.4	17.1
5 31	13 58.45	−28 21.3	1.483	2.384	14.2	17.2

203533 2002 CL_{16} 4 30.1 45°.55 7°.6/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.43	−31 32.7	1.316	2.090	21.8	19.9
4 1	14 55.59	−32 20.6	1.247	2.100	18.5	19.6
4 11	14 49.12	−32 43.8	1.194	2.110	14.6	19.4
4 21	14 39.81	−32 38.0	1.160	2.121	10.7	19.2
5 1	14 29.03	−32 1.7	1.148	2.132	7.9	19.1
5 11	14 18.59	−30 59.8	1.160	2.144	8.3	19.2
5 21	14 10.04	−29 41.7	1.195	2.156	11.4	19.4
5 31	14 4.49	−28 19.4	1.252	2.168	15.1	19.6

157405 2004 TH_{247} 4 30.1 187°.02 6°.0/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.61	+ 0 29.4	2.292	3.103	12.5	20.3
4 1	14 50.51	+ 1 45.4	2.215	3.103	10.0	20.1
4 11	14 44.56	+ 3 1.1	2.161	3.102	7.6	20.0
4 21	14 37.26	+ 4 10.7	2.134	3.101	6.1	19.9
5 1	14 29.31	+ 5 8.4	2.134	3.099	6.5	19.9
5 11	14 21.50	+ 5 49.6	2.162	3.097	8.5	20.0
5 21	14 14.56	+ 6 11.6	2.215	3.094	11.0	20.2
5 31	14 9.09	+ 6 13.9	2.290	3.091	13.4	20.3

173773 2001 RF_{154} 4 30.1 156°.96 3°.9/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.93	−28 59.9	2.531	3.267	13.4	20.7
4 1	14 51.69	−29 8.6	2.436	3.271	11.2	20.5
4 11	14 45.45	−29 2.8	2.363	3.275	8.6	20.3
4 21	14 37.73	−28 41.8	2.314	3.279	5.9	20.2
5 1	14 29.26	−28 6.3	2.293	3.282	4.0	20.0
5 11	14 20.91	−27 19.1	2.299	3.285	4.6	20.1
5 21	14 13.48	−26 24.7	2.334	3.288	7.0	20.2
5 31	14 7.61	−25 28.5	2.395	3.290	9.7	20.4

14064 1996 DT_{3} 4 30.1 139°.32 1°.7/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.14	−20 46.5	1.815	2.601	16.2	19.1
4 1	14 54.03	−20 43.3	1.731	2.607	13.0	18.9
4 11	14 47.36	−20 26.4	1.667	2.612	9.2	18.7
4 21	14 38.75	−19 56.3	1.628	2.617	5.0	18.5
5 1	14 29.16	−19 15.5	1.616	2.621	1.7	18.2
5 11	14 19.76	−18 28.8	1.630	2.626	4.8	18.5
5 21	14 11.59	−17 41.9	1.672	2.630	8.9	18.7
5 31	14 5.48	−17 0.8	1.737	2.634	12.7	19.0

324496 2006 UV_{260} 4 30.1 234°.13 0°.6/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.46	−16 28.4	1.673	2.482	16.4	21.6
4 1	14 52.10	−15 56.4	1.588	2.480	13.0	21.3
4 11	14 46.14	−15 11.3	1.523	2.479	8.9	21.1
4 21	14 38.19	−14 15.7	1.483	2.478	4.3	20.8
5 1	14 29.21	−13 14.4	1.469	2.476	0.9	20.5
5 11	14 20.40	−12 14.0	1.482	2.475	5.6	20.9
5 21	14 12.82	−11 20.9	1.520	2.473	10.1	21.1
5 31	14 7.31	−10 40.6	1.581	2.471	14.1	21.4

8390 1993 FE_{48} 4 30.1 328°.59 0°.4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.45	−15 54.9	2.025	2.829	14.1	17.6
4 1	14 49.30	−15 34.3	1.933	2.823	11.2	17.4
4 11	14 44.02	−15 3.7	1.862	2.817	7.6	17.1
4 21	14 37.10	−14 25.2	1.817	2.811	3.7	16.9
5 1	14 29.33	−13 42.3	1.798	2.806	0.6	16.6
5 11	14 21.65	−12 59.5	1.807	2.800	4.7	16.9
5 21	14 14.91	−12 21.7	1.843	2.795	8.6	17.2
5 31	14 9.84	−11 52.8	1.902	2.791	12.2	17.4

92714 2000 QB_{89} 4 30.1 200°.82 1°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.89	−20 1.4	1.888	2.673	15.7	19.1
4 1	14 54.60	−19 41.2	1.793	2.670	12.6	18.8
4 11	14 47.76	−19 6.6	1.719	2.666	8.8	18.6
4 21	14 38.97	−18 18.9	1.670	2.661	4.6	18.3
5 1	14 29.14	−17 21.2	1.649	2.656	1.0	18.1
5 11	14 19.42	−16 19.0	1.655	2.650	4.8	18.3
5 21	14 10.85	−15 18.6	1.688	2.643	9.1	18.6
5 31	14 4.28	−14 26.2	1.746	2.635	13.0	18.8

396335 2014 DW_{60} 4 30.1 212°.96 2°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.13	−23 20.8	2.508	3.266	13.0	21.0
4 1	14 52.65	−23 43.8	2.408	3.263	10.6	20.8
4 11	14 46.16	−23 56.5	2.330	3.260	7.8	20.7
4 21	14 38.12	−23 58.3	2.278	3.256	4.8	20.5
5 1	14 29.24	−23 49.5	2.253	3.253	2.7	20.3
5 11	14 20.38	−23 32.2	2.258	3.249	4.1	20.4
5 21	14 12.35	−23 9.7	2.290	3.245	7.1	20.6
5 31	14 5.84	−22 46.1	2.349	3.241	10.0	20.8

222699 2002 AP_{26} 4 30.1 144°.00 1°.5/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.30	−20 45.1	2.229	3.002	14.0	20.8
4 1	14 53.60	−20 41.4	2.144	3.011	11.2	20.6
4 11	14 46.78	−20 26.3	2.080	3.020	7.9	20.4
4 21	14 38.38	−20 0.3	2.041	3.029	4.3	20.2
5 1	14 29.22	−19 25.5	2.031	3.037	1.5	20.0
5 11	14 20.24	−18 45.7	2.050	3.044	4.1	20.2
5 21	14 12.28	−18 5.3	2.097	3.051	7.6	20.5
5 31	14 6.04	−17 29.0	2.169	3.058	10.9	20.7

419588 2010 RA_{102} 4 30.1 248°.79 1°.0/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.82	−19 14.4	1.905	2.692	15.5	22.2
4 1	14 54.71	−19 5.2	1.796	2.674	12.5	22.0
4 11	14 48.00	−18 43.2	1.709	2.656	8.8	21.7
4 21	14 39.18	−18 8.7	1.646	2.637	4.6	21.4
5 1	14 29.12	−17 24.2	1.610	2.617	1.0	21.1
5 11	14 18.96	−16 34.1	1.602	2.597	4.9	21.3
5 21	14 9.82	−15 44.4	1.621	2.576	9.4	21.5
5 31	14 2.65	−15 1.2	1.664	2.554	13.5	21.7

433570 2013 YR_{22} 4 30.1 192°.00 0°.4/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.72	−18 11.5	2.427	3.205	12.8	22.6
4 1	14 52.23	−17 55.0	2.330	3.204	10.2	22.4
4 11	14 45.80	−17 28.7	2.256	3.202	7.1	22.2
4 21	14 37.91	−16 53.9	2.207	3.199	3.6	22.0
5 1	14 29.27	−16 12.9	2.188	3.195	0.5	21.7
5 11	14 20.72	−15 29.6	2.198	3.192	3.9	22.0
5 21	14 13.03	−14 48.2	2.236	3.187	7.5	22.2
5 31	14 6.86	−14 12.6	2.300	3.182	10.6	22.4

357557 2004 TM_{31} 4 30.1 20°.24 3°.2/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.57	−22 7.3	1.252	2.066	20.6	21.0
4 1	14 54.00	−22 29.4	1.179	2.069	16.7	20.7
4 11	14 48.01	−22 33.8	1.124	2.073	12.1	20.5
4 21	14 39.28	−22 19.3	1.089	2.077	7.1	20.2
5 1	14 29.13	−21 47.5	1.078	2.081	3.3	20.0
5 11	14 19.20	−21 4.0	1.090	2.087	6.2	20.2
5 21	14 10.98	−20 17.0	1.126	2.093	11.2	20.5
5 31	14 5.59	−19 34.7	1.182	2.099	15.8	20.7

93533 2000 UO_{12} 4 30.1 278°.35 0°.9/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.14	−19 19.8	1.906	2.699	15.3	19.4
4 1	14 51.78	−19 6.4	1.799	2.681	12.3	19.2
4 11	14 45.96	−18 39.9	1.713	2.662	8.7	18.9
4 21	14 38.17	−18 0.9	1.652	2.644	4.5	18.6
5 1	14 29.24	−17 12.2	1.618	2.625	0.9	18.3
5 11	14 20.25	−16 18.6	1.611	2.606	4.8	18.5
5 21	14 12.24	−15 26.0	1.630	2.587	9.2	18.7
5 31	14 6.11	−14 40.4	1.673	2.567	13.2	18.9

508393 2016 GA_{126} 4 30.1 287°.07 3°.8/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.46	−21 11.6	1.677	2.460	17.4	20.6
4 1	14 58.23	−22 9.8	1.573	2.443	14.4	20.3
4 11	14 50.84	−22 59.4	1.489	2.427	10.6	20.1
4 21	14 40.77	−23 37.5	1.428	2.410	6.6	19.8
5 1	14 28.97	−24 2.0	1.393	2.394	3.8	19.6
5 11	14 16.86	−24 13.4	1.386	2.377	6.1	19.7
5 21	14 5.90	−24 14.9	1.403	2.361	10.4	19.9
5 31	13 57.32	−24 12.0	1.445	2.344	14.6	20.1

213806 2003 GT_{35} 4 30.1 15°.97 5°.6/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.51	− 0 58.8	1.785	2.610	14.9	19.8
4 1	14 50.94	− 0 29.2	1.716	2.615	11.8	19.6
4 11	14 45.10	− 0 1.7	1.669	2.621	8.6	19.4
4 21	14 37.60	+ 0 18.7	1.646	2.627	6.0	19.3
5 1	14 29.32	+ 0 27.1	1.649	2.634	5.9	19.3
5 11	14 21.28	+ 0 20.3	1.678	2.642	8.3	19.4
5 21	14 14.36	− 0 3.0	1.732	2.650	11.4	19.6
5 31	14 9.28	− 0 42.6	1.807	2.659	14.4	19.8

246986 1999 TL_{274} 4 30.1 227°.23 4°.9/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.05	−33 43.8	3.092	3.788	12.0	21.2
4 1	14 52.43	−34 10.0	2.977	3.777	10.3	21.0
4 11	14 45.94	−34 23.1	2.884	3.765	8.3	20.9
4 21	14 38.01	−34 21.2	2.815	3.752	6.4	20.7
5 1	14 29.27	−34 3.8	2.773	3.740	5.0	20.6
5 11	14 20.50	−33 32.2	2.759	3.726	5.2	20.6
5 21	14 12.45	−32 49.4	2.773	3.713	6.7	20.7
5 31	14 5.76	−31 59.8	2.814	3.699	8.8	20.8

179393 2001 YU_{108} 4 30.1 132°.72 3°.5/ 3.4 18

3 22	14 55.59	−27 29.8	2.532	3.276	13.2	20.8
4 1	14 51.41	−27 42.5	2.440	3.281	10.9	20.6
4 11	14 45.26	−27 41.9	2.369	3.287	8.3	20.4
4 21	14 37.65	−27 27.3	2.323	3.292	5.5	20.3
5 1	14 29.31	−26 59.5	2.305	3.297	3.6	20.1
5 11	14 21.09	−26 21.1	2.315	3.302	4.4	20.2
5 21	14 13.76	−25 36.3	2.352	3.307	6.9	20.4
5 31	14 7.97	−24 49.9	2.416	3.311	9.6	20.5

382255 2012 TC_{35} 4 30.1 282°.63 3°.0/ 4.6 18

3 22	14 49.27	−31 1.5	4.430	5.137	8.4	20.9
4 1	14 45.71	−31 16.7	4.319	5.130	7.1	20.8
4 11	14 41.01	−31 23.2	4.230	5.123	5.6	20.6
4 21	14 35.49	−31 20.5	4.168	5.116	4.1	20.5
5 1	14 29.54	−31 8.9	4.133	5.109	3.1	20.4
5 11	14 23.59	−30 49.4	4.128	5.102	3.3	20.4
5 21	14 18.08	−30 24.1	4.151	5.095	4.5	20.5
5 31	14 13.39	−29 55.1	4.201	5.088	6.1	20.6

377886 2006 DO_{43} 4 30.1 173°.31 0°.8/30.8 17

3 22	14 57.36	−18 54.5	2.393	3.169	13.0	22.6
4 1	14 52.75	−18 45.4	2.300	3.172	10.4	22.4
4 11	14 46.16	−18 26.4	2.230	3.174	7.2	22.2
4 21	14 38.09	−17 58.5	2.186	3.176	3.7	22.0
5 1	14 29.28	−17 23.8	2.171	3.177	0.8	21.7
5 11	14 20.59	−16 45.9	2.184	3.178	3.9	22.0
5 21	14 12.80	−16 8.8	2.226	3.179	7.4	22.2
5 31	14 6.57	−15 36.6	2.294	3.178	10.5	22.4

71187 1999 XG_{224} 4 30.1 185°.49 0°.6/30.6 18

3 22	14 55.55	−18 24.8	2.250	3.035	13.5	19.9
4 1	14 51.49	−18 11.1	2.157	3.035	10.7	19.7
4 11	14 45.38	−17 47.0	2.087	3.034	7.4	19.4
4 21	14 37.74	−17 13.7	2.042	3.034	3.8	19.2
5 1	14 29.32	−16 34.0	2.026	3.033	0.6	19.0
5 11	14 21.01	−15 51.7	2.038	3.032	4.1	19.2
5 21	14 13.62	−15 11.3	2.077	3.031	7.8	19.4
5 31	14 7.83	−14 37.0	2.142	3.029	11.1	19.6

7034 1994 YT_{2} 4 30.1 119°.20 1°.2/29.2 18

3 22	14 56.75	−16 2.0	1.523	2.338	17.5	17.7
4 1	14 53.25	−15 13.9	1.448	2.344	13.8	17.4
4 11	14 46.97	−14 11.2	1.392	2.350	9.4	17.2
4 21	14 38.60	−12 57.8	1.361	2.356	4.5	16.9
5 1	14 29.24	−11 40.1	1.355	2.361	1.5	16.7
5 11	14 20.16	−10 26.2	1.376	2.367	6.2	17.0
5 21	14 12.49	− 9 23.6	1.422	2.372	10.9	17.3
5 31	14 7.08	− 8 37.6	1.490	2.377	15.0	17.6

345600 2006 SJ_{121} 4 30.1 131°.77 5°.1/ 5.5 17

3 22	15 0.76	−34 46.1	3.179	3.860	11.9	22.4
4 1	14 55.13	−35 25.2	3.090	3.876	10.2	22.2
4 11	14 47.64	−35 51.2	3.022	3.891	8.3	22.1
4 21	14 38.78	−36 2.0	2.979	3.907	6.5	22.0
5 1	14 29.23	−35 57.0	2.963	3.921	5.3	22.0
5 11	14 19.77	−35 37.5	2.977	3.935	5.3	22.0
5 21	14 11.15	−35 6.4	3.018	3.949	6.6	22.1
5 31	14 3.98	−34 27.9	3.086	3.962	8.4	22.2

23816 Rohitkamat 4 30.1 260°.13 2°.5/ 1.8 18

3 22	14 57.77	−22 0.4	2.158	2.929	14.4	19.0
4 1	14 53.60	−22 19.5	2.051	2.916	11.7	18.8
4 11	14 47.09	−22 27.6	1.966	2.902	8.6	18.6
4 21	14 38.70	−22 23.9	1.905	2.889	5.1	18.3
5 1	14 29.22	−22 9.1	1.872	2.874	2.5	18.1
5 11	14 19.68	−21 45.5	1.867	2.860	4.5	18.2
5 21	14 11.04	−21 17.4	1.889	2.846	8.2	18.4
5 31	14 4.16	−20 49.6	1.936	2.831	11.7	18.6

486637 2013 OC_{3} 4 30.1 96°.65 17°.8/16.5 18

3 22	14 58.88	+12 42.5	1.014	1.858	22.3	20.8
4 1	14 55.70	+16 19.5	0.989	1.874	19.6	20.7
4 11	14 48.90	+19 35.8	0.982	1.889	18.0	20.7
4 21	14 39.54	+22 11.3	0.995	1.904	17.9	20.7
5 1	14 29.17	+23 51.5	1.028	1.919	19.3	20.9
5 11	14 19.56	+24 31.9	1.077	1.933	21.4	21.0
5 21	14 12.03	+24 17.1	1.141	1.947	23.7	21.2
5 31	14 7.45	+23 16.5	1.217	1.960	25.8	21.5

465045 2006 QO_{114} 4 30.1 258°.11 0°.1/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.09	−17 47.7	1.717	2.521	16.3	22.0
4 1	14 52.72	−17 19.0	1.619	2.508	13.0	21.7
4 11	14 46.70	−16 35.8	1.542	2.495	9.0	21.4
4 21	14 38.56	−15 40.1	1.488	2.482	4.5	21.1
5 1	14 29.25	−14 35.8	1.461	2.468	0.5	20.8
5 11	14 19.94	−13 29.6	1.461	2.454	5.4	21.1
5 21	14 11.78	−12 28.4	1.486	2.440	10.2	21.4
5 31	14 5.69	−11 38.7	1.535	2.426	14.4	21.6

201715 2003 UM_{181} 4 30.1 190°.11 1°.8/28.5 18

3 22	14 54.67	−11 51.5	2.311	3.111	12.7	20.7
4 1	14 50.65	−11 15.4	2.221	3.110	9.9	20.5
4 11	14 44.73	−10 32.3	2.154	3.109	6.7	20.3
4 21	14 37.41	− 9 45.3	2.114	3.108	3.4	20.1
5 1	14 29.38	− 8 58.3	2.102	3.106	2.0	20.0
5 11	14 21.46	− 8 15.6	2.119	3.104	5.0	20.2
5 21	14 14.42	− 7 41.2	2.164	3.102	8.4	20.4
5 31	14 8.85	− 7 17.9	2.232	3.099	11.5	20.6

352032 2006 VA_{68} 4 30.1 174°.09 0°.3/30.4 18

3 22	14 53.60	−17 51.4	2.983	3.757	10.7	22.4
4 1	14 49.39	−17 31.0	2.888	3.760	8.5	22.3
4 11	14 43.65	−17 2.6	2.816	3.762	5.8	22.1
4 21	14 36.82	−16 27.5	2.772	3.764	2.9	21.9
5 1	14 29.44	−15 48.0	2.758	3.765	0.3	21.7
5 11	14 22.17	−15 7.2	2.773	3.766	3.3	21.9
5 21	14 15.58	−14 28.3	2.817	3.766	6.2	22.1
5 31	14 10.17	−13 54.5	2.888	3.766	8.8	22.3

406373 2007 RY_{268} 4 30.1 172°.65 0°.1/30.1 14 C

3 22	15 0.00	−16 34.8	1.965	2.754	15.0	22.9
4 1	14 55.25	−16 19.2	1.877	2.758	11.9	22.7
4 11	14 48.09	−15 53.1	1.811	2.761	8.2	22.5
4 21	14 39.11	−15 18.3	1.770	2.763	4.0	22.2
5 1	14 29.22	−14 37.7	1.757	2.764	0.4	21.9
5 11	14 19.48	−13 56.2	1.772	2.765	4.8	22.3
5 21	14 10.87	−13 18.6	1.815	2.765	8.9	22.5
5 31	14 4.18	−12 49.3	1.882	2.765	12.6	22.7

163978 2003 UU_{115} 4 30.1 186°.96 1°.1/ 1.0 18 R

3 22	14 55.59	−20 1.5	2.315	3.093	13.4	20.8
4 1	14 51.49	−19 48.9	2.221	3.093	10.7	20.6
4 11	14 45.37	−19 25.2	2.149	3.093	7.5	20.4
4 21	14 37.75	−18 51.3	2.102	3.092	4.0	20.1
5 1	14 29.36	−18 9.5	2.084	3.090	1.1	19.9
5 11	14 21.07	−17 23.7	2.094	3.089	4.0	20.1
5 21	14 13.69	−16 38.6	2.132	3.087	7.5	20.3
5 31	14 7.88	−15 58.5	2.196	3.085	10.8	20.5

457695 2009 ET_{13} 4 30.1 45°.48 1°.2/30.8 17

3 22	14 56.81	−19 13.0	1.282	2.101	19.9	21.1
4 1	14 53.84	−19 9.1	1.217	2.113	15.9	20.9
4 11	14 47.64	−18 49.0	1.171	2.126	11.1	20.7
4 21	14 39.01	−18 13.9	1.146	2.139	5.7	20.4
5 1	14 29.24	−17 27.9	1.145	2.152	1.2	20.1
5 11	14 19.86	−16 38.1	1.169	2.166	5.8	20.5
5 21	14 12.18	−15 51.9	1.217	2.181	10.9	20.8
5 31	14 7.15	−15 16.2	1.286	2.195	15.3	21.1

31303 1998 FO_{99} 4 30.1 133°.98 4°.6/ 3.9 18

3 22	14 56.71	−29 14.9	2.364	3.102	14.2	18.7
4 1	14 52.57	−29 43.7	2.269	3.104	11.9	18.6
4 11	14 46.23	−29 58.4	2.196	3.105	9.2	18.4
4 21	14 38.22	−29 57.3	2.146	3.107	6.5	18.2
5 1	14 29.32	−29 40.2	2.123	3.108	4.7	18.1
5 11	14 20.49	−29 9.3	2.127	3.110	5.2	18.1
5 21	14 12.61	−28 28.8	2.159	3.111	7.6	18.3
5 31	14 6.43	−27 44.1	2.216	3.112	10.4	18.5

211941 2004 XQ_{60} 4 30.1 74°.82 0°.2/29.9 18

3 22	14 58.22	−16 43.4	1.447	2.260	18.3	21.1
4 1	14 54.49	−16 22.3	1.380	2.275	14.4	20.9
4 11	14 47.84	−15 47.8	1.333	2.289	9.9	20.7
4 21	14 39.04	−15 2.6	1.309	2.303	4.8	20.4
5 1	14 29.25	−14 11.5	1.310	2.318	0.6	20.1
5 11	14 19.85	−13 21.2	1.338	2.332	5.8	20.5
5 21	14 12.00	−12 38.3	1.390	2.346	10.5	20.8
5 31	14 6.55	−12 7.8	1.464	2.361	14.7	21.1

94947 2001 YH_{85} 4 30.1 80°.39 5°.5/26.4 18

3 22	14 57.11	− 2 6.6	1.787	2.607	15.1	19.5
4 1	14 53.00	− 1 24.6	1.716	2.613	12.0	19.3
4 11	14 46.53	− 0 43.0	1.667	2.618	8.7	19.1
4 21	14 38.33	− 0 7.2	1.642	2.623	6.0	18.9
5 1	14 29.32	+ 0 17.5	1.644	2.629	5.8	18.9
5 11	14 20.55	+ 0 26.6	1.672	2.634	8.4	19.1
5 21	14 12.95	+ 0 18.3	1.725	2.640	11.6	19.3
5 31	14 7.25	− 0 7.6	1.799	2.645	14.7	19.5

61259 2000 OG_{26} 4 30.1 193°.48 1°.6/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.12	−12 2.6	2.293	3.088	13.0	19.8
4 1	14 52.62	−11 34.2	2.200	3.087	10.2	19.6
4 11	14 46.11	−10 59.0	2.131	3.084	6.9	19.4
4 21	14 38.11	−10 19.7	2.087	3.081	3.4	19.2
5 1	14 29.35	− 9 39.9	2.073	3.077	1.8	19.0
5 11	14 20.69	− 9 3.6	2.087	3.073	5.0	19.3
5 21	14 12.91	− 8 34.7	2.129	3.068	8.5	19.5
5 31	14 6.69	− 8 16.0	2.196	3.063	11.6	19.7

17330 1358 T-2 4 30.1 224°.67 0°.8/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.58	−15 12.1	1.868	2.669	15.3	19.6
4 1	14 53.58	−14 44.1	1.773	2.661	12.1	19.4
4 11	14 47.11	−14 5.2	1.699	2.653	8.3	19.1
4 21	14 38.72	−13 17.6	1.650	2.644	4.0	18.9
5 1	14 29.29	−12 25.5	1.628	2.635	1.1	18.6
5 11	14 19.92	−11 34.4	1.634	2.626	5.4	18.9
5 21	14 11.62	−10 49.9	1.667	2.615	9.7	19.1
5 31	14 5.25	−10 16.7	1.723	2.605	13.6	19.3

208754 2002 PY_{11} 4 30.1 141°.23 17°.2/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.74	+17 18.2	1.254	2.069	20.5	20.5
4 1	14 56.78	+20 17.7	1.220	2.078	18.5	20.4
4 11	14 49.52	+22 56.3	1.205	2.086	17.3	20.3
4 21	14 39.87	+24 58.3	1.211	2.094	17.3	20.3
5 1	14 29.19	+26 11.9	1.236	2.101	18.4	20.4
5 11	14 19.06	+26 32.9	1.279	2.107	20.3	20.6
5 21	14 10.76	+26 4.7	1.337	2.113	22.3	20.7
5 31	14 5.17	+24 55.0	1.408	2.118	24.2	20.9

381480 2008 SV_{42} 4 30.1 256°.61 1°.7/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.94	−19 57.9	1.963	2.749	15.1	21.2
4 1	14 53.01	−20 6.9	1.871	2.747	12.2	21.0
4 11	14 46.68	−20 4.7	1.800	2.745	8.6	20.8
4 21	14 38.50	−19 51.3	1.754	2.742	4.7	20.5
5 1	14 29.31	−19 28.4	1.734	2.740	1.7	20.3
5 11	14 20.20	−18 59.5	1.742	2.737	4.5	20.5
5 21	14 12.15	−18 29.2	1.777	2.735	8.5	20.7
5 31	14 5.98	−18 2.3	1.836	2.732	12.1	20.9

248629 2006 FT_{16} 4 30.1 307°.24 8°.9/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.08	− 6 11.5	1.290	2.143	17.8	19.6
4 1	14 47.93	− 3 13.4	1.198	2.116	14.2	19.3
4 11	14 43.85	+ 0 7.6	1.129	2.089	10.7	19.0
4 21	14 37.35	+ 3 37.4	1.085	2.063	8.9	18.9
5 1	14 29.41	+ 6 57.0	1.067	2.037	10.7	18.9
5 11	14 21.41	+ 9 47.5	1.074	2.011	14.7	19.0
5 21	14 14.64	+11 55.9	1.101	1.986	19.1	19.2
5 31	14 10.21	+13 17.2	1.145	1.961	23.2	19.4

37706 Trinchieri 4 30.1 274°.04 3°.5/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.99	−23 7.3	1.630	2.416	17.8	18.9
4 1	14 55.53	−23 31.0	1.525	2.398	14.6	18.6
4 11	14 49.00	−23 40.1	1.440	2.379	10.8	18.4
4 21	14 39.88	−23 32.8	1.376	2.360	6.6	18.1
5 1	14 29.16	−23 8.8	1.339	2.340	3.5	17.8
5 11	14 18.23	−22 31.5	1.327	2.321	5.8	17.9
5 21	14 8.49	−21 46.8	1.340	2.301	10.4	18.1
5 31	14 1.12	−21 2.5	1.376	2.281	14.8	18.3

68909 2002 JN_{119} 4 30.1 290°.82 8°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.22	+ 6 25.3	1.865	2.682	14.6	19.6
4 1	14 51.68	+ 7 38.4	1.778	2.663	12.3	19.4
4 11	14 45.80	+ 8 46.9	1.714	2.643	10.1	19.2
4 21	14 38.08	+ 9 43.1	1.673	2.623	9.0	19.1
5 1	14 29.36	+10 19.7	1.657	2.603	9.6	19.1
5 11	14 20.66	+10 31.3	1.666	2.584	11.7	19.2
5 21	14 12.95	+10 15.9	1.697	2.564	14.4	19.3
5 31	14 7.03	+ 9 34.5	1.747	2.544	17.1	19.4

501534 2014 FQ_{55} 4 30.1 34°.30 2°.9/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.71	− 5 36.2	2.023	2.831	14.0	20.2
4 1	14 53.98	− 5 43.3	1.949	2.841	11.0	20.0
4 11	14 47.07	− 5 50.5	1.897	2.851	7.6	19.8
4 21	14 38.58	− 6 0.1	1.871	2.862	4.2	19.6
5 1	14 29.34	− 6 14.6	1.873	2.873	3.1	19.6
5 11	14 20.31	− 6 36.1	1.903	2.884	5.9	19.8
5 21	14 12.35	− 7 5.6	1.959	2.896	9.3	20.0
5 31	14 6.15	− 7 43.8	2.040	2.908	12.4	20.2

36451 2000 QQ_{4} 4 30.1 198°.27 1°.9/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.02	−10 11.4	2.825	3.621	10.7	19.9
4 1	14 49.01	− 9 33.4	2.731	3.618	8.4	19.8
4 11	14 43.45	− 8 50.6	2.661	3.615	5.7	19.6
4 21	14 36.76	− 8 5.5	2.619	3.611	3.0	19.4
5 1	14 29.51	− 7 21.5	2.606	3.607	2.2	19.3
5 11	14 22.35	− 6 42.3	2.622	3.602	4.6	19.5
5 21	14 15.86	− 6 10.7	2.667	3.597	7.4	19.6
5 31	14 10.56	− 5 49.0	2.737	3.592	10.0	19.8

363278 2002 GJ_{115} 4 30.1 24°.06 4°.0/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.13	− 7 53.4	1.142	1.990	20.0	20.5
4 1	14 53.49	− 7 33.8	1.083	1.998	15.7	20.2
4 11	14 47.52	− 7 9.4	1.041	2.006	10.8	20.0
4 21	14 39.01	− 6 45.6	1.021	2.015	5.9	19.7
5 1	14 29.29	− 6 28.5	1.024	2.025	4.3	19.7
5 11	14 19.97	− 6 23.8	1.050	2.037	8.4	19.9
5 21	14 12.40	− 6 34.9	1.098	2.049	13.3	20.2
5 31	14 7.56	− 7 2.9	1.165	2.061	17.6	20.5

176523 2001 YO_{111} 4 30.1 78°.37 5°.6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.38	+ 2 13.1	2.313	3.119	12.5	20.0
4 1	14 51.76	+ 2 47.1	2.249	3.133	10.1	19.9
4 11	14 45.34	+ 3 17.3	2.208	3.147	7.6	19.8
4 21	14 37.66	+ 3 39.2	2.192	3.161	5.8	19.7
5 1	14 29.43	+ 3 49.2	2.205	3.175	5.9	19.7
5 11	14 21.46	+ 3 44.7	2.245	3.189	7.7	19.8
5 21	14 14.42	+ 3 24.9	2.310	3.203	10.1	20.0
5 31	14 8.88	+ 2 50.4	2.399	3.216	12.4	20.2

193241 2000 ST_{33} 4 30.1 136°.49 1°.8/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.36	− 7 42.0	3.999	4.792	7.9	21.3
4 1	14 45.62	− 7 9.6	3.918	4.804	6.1	21.2
4 11	14 40.87	− 6 35.1	3.863	4.815	4.2	21.0
4 21	14 35.42	− 6 0.7	3.837	4.826	2.4	20.9
5 1	14 29.65	− 5 28.6	3.840	4.837	2.0	20.9
5 11	14 23.99	− 5 0.8	3.874	4.847	3.6	21.0
5 21	14 18.79	− 4 39.2	3.936	4.857	5.5	21.2
5 31	14 14.40	− 4 24.9	4.025	4.867	7.3	21.3

267717 2003 BZ_{47} 4 30.1 60°.87 4°.4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.91	− 0 12.3	2.890	3.700	10.2	20.4
4 1	14 46.41	+ 0 42.0	2.828	3.717	8.1	20.3
4 11	14 41.56	+ 1 35.1	2.790	3.733	6.0	20.2
4 21	14 35.79	+ 2 23.0	2.779	3.750	4.6	20.1
5 1	14 29.62	+ 3 2.0	2.796	3.767	4.8	20.1
5 11	14 23.62	+ 3 29.3	2.842	3.784	6.4	20.2
5 21	14 18.31	+ 3 43.3	2.913	3.801	8.4	20.4
5 31	14 14.09	+ 3 43.5	3.008	3.818	10.3	20.6

389132 2009 AT_{23} 4 30.1 265°.03 4°.6/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.76	−29 23.2	2.157	2.904	15.2	21.5
4 1	14 52.08	−29 40.0	2.059	2.899	12.7	21.3
4 11	14 46.05	−29 40.6	1.981	2.895	9.8	21.1
4 21	14 38.20	−29 23.3	1.927	2.891	6.9	20.9
5 1	14 29.37	−28 48.2	1.898	2.887	4.8	20.8
5 11	14 20.60	−27 58.6	1.897	2.882	5.4	20.8
5 21	14 12.86	−26 59.6	1.922	2.878	8.1	21.0
5 31	14 6.95	−25 57.7	1.972	2.874	11.2	21.2

67331 2000 HN_{79} 4 30.1 40°.64 1°.9/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.56	−22 34.8	1.346	2.155	19.7	19.5
4 1	14 52.91	−22 10.9	1.269	2.158	15.9	19.3
4 11	14 47.09	−21 25.5	1.211	2.161	11.3	19.0
4 21	14 38.82	−20 19.8	1.174	2.164	6.2	18.7
5 1	14 29.31	−18 58.4	1.161	2.167	1.9	18.4
5 11	14 20.08	−17 30.1	1.174	2.171	5.7	18.7
5 21	14 12.45	−16 5.0	1.210	2.174	10.9	19.0
5 31	14 7.39	−14 52.3	1.269	2.178	15.5	19.3

483485 2002 RZ_{137} 4 30.1 210°.34 11°.5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.50	+ 1 16.9	1.305	2.145	18.5	21.6
4 1	14 54.29	+ 4 24.1	1.239	2.140	15.2	21.4
4 11	14 47.97	+ 7 37.5	1.195	2.135	12.5	21.2
4 21	14 39.24	+10 40.6	1.175	2.129	11.5	21.1
5 1	14 29.28	+13 15.7	1.181	2.122	13.0	21.2
5 11	14 19.53	+15 9.9	1.210	2.115	16.1	21.3
5 21	14 11.29	+16 18.0	1.258	2.107	19.5	21.5
5 31	14 5.55	+16 41.4	1.323	2.098	22.6	21.7

164464 2006 DE_{153} 4 30.1 233°.58 3°.6/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.06	−23 41.2	1.713	2.489	17.4	20.6
4 1	14 56.91	−24 6.3	1.615	2.481	14.3	20.3
4 11	14 49.77	−24 17.1	1.536	2.471	10.6	20.1
4 21	14 40.18	−24 11.5	1.481	2.462	6.6	19.8
5 1	14 29.17	−23 49.4	1.451	2.451	3.6	19.6
5 11	14 18.10	−23 14.3	1.448	2.441	5.6	19.7
5 21	14 8.27	−22 31.7	1.471	2.430	9.8	19.9
5 31	14 0.78	−21 49.0	1.517	2.418	13.9	20.1

392918 2012 VL_{88} 4 30.1 140°.87 1°.1/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.58	−20 56.6	2.752	3.519	11.7	22.1
4 1	14 50.29	−20 40.0	2.664	3.529	9.4	22.0
4 11	14 44.34	−20 13.2	2.599	3.538	6.6	21.8
4 21	14 37.20	−19 37.3	2.560	3.548	3.6	21.6
5 1	14 29.50	−18 54.6	2.550	3.556	1.1	21.5
5 11	14 21.95	−18 8.4	2.570	3.565	3.4	21.6
5 21	14 15.19	−17 22.4	2.619	3.572	6.4	21.8
5 31	14 9.75	−16 40.5	2.694	3.580	9.1	22.0

12317 Madicampbell 4 30.1 160°30 0°2/29.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.83	−16 48.6	2.157	2.950	13.7	18.3
4 1	14 50.98	−16 21.1	2.069	2.952	10.8	18.1
4 11	14 45.07	−15 43.2	2.003	2.955	7.4	17.9
4 21	14 37.64	−14 56.9	1.963	2.957	3.6	17.7
5 1	14 29.45	−14 6.0	1.951	2.959	0.5	17.4
5 11	14 21.42	−13 15.0	1.968	2.960	4.4	17.7
5 21	14 14.34	−12 28.7	2.011	2.962	8.2	17.9
5 31	14 8.89	−11 51.3	2.080	2.963	11.5	18.2

15220 Sumerkin 4 30.1 201°73 0°0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.71	−15 42.5	2.355	3.136	13.1	19.0
4 1	14 54.70	−15 37.8	2.255	3.131	10.4	18.8
4 11	14 47.60	−15 25.3	2.178	3.126	7.2	18.6
4 21	14 38.90	−15 6.3	2.127	3.119	3.5	18.3
5 1	14 29.33	−14 42.7	2.105	3.113	0.3	18.1
5 11	14 19.81	−14 17.8	2.113	3.105	4.2	18.4
5 21	14 11.17	−13 55.2	2.149	3.097	7.9	18.6
5 31	14 4.11	−13 38.3	2.211	3.088	11.2	18.8

178689 2000 SL_{18} 4 30.1 173°32 3°7/ 4.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.01	−29 32.0	2.985	3.707	11.8	20.9
4 1	14 51.49	−29 44.1	2.885	3.710	9.9	20.8
4 11	14 45.23	−29 43.8	2.807	3.712	7.6	20.6
4 21	14 37.67	−29 30.2	2.754	3.714	5.4	20.5
5 1	14 29.46	−29 3.8	2.729	3.715	3.8	20.4
5 11	14 21.32	−28 26.7	2.734	3.716	4.2	20.4
5 21	14 13.95	−27 42.3	2.766	3.716	6.2	20.5
5 31	14 7.91	−26 55.0	2.826	3.716	8.6	20.7

466144 2012 HU_{29} 4 30.1 69°98 2°4/28.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.69	−14 54.1	1.619	2.437	16.5	21.3
4 1	14 50.61	−13 29.4	1.546	2.446	12.8	21.0
4 11	14 45.03	−11 49.8	1.495	2.455	8.6	20.8
4 21	14 37.66	−10 1.4	1.469	2.464	4.2	20.6
5 1	14 29.46	− 8 12.7	1.470	2.473	2.8	20.5
5 11	14 21.59	− 6 32.9	1.499	2.483	6.7	20.8
5 21	14 15.00	− 5 9.9	1.552	2.492	11.0	21.0
5 31	14 10.42	− 4 8.5	1.628	2.501	14.7	21.3

284167 2005 YK_{122} 4 30.1 152°40 3°1/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.08	−24 47.5	1.882	2.643	16.6	22.1
4 1	14 57.92	−24 52.9	1.797	2.654	13.5	21.9
4 11	14 50.05	−24 42.4	1.733	2.663	9.9	21.7
4 21	14 40.15	−24 15.1	1.692	2.672	6.0	21.4
5 1	14 29.24	−23 32.4	1.679	2.680	3.2	21.3
5 11	14 18.56	−22 38.7	1.694	2.687	5.0	21.4
5 21	14 9.22	−21 40.6	1.737	2.693	8.8	21.6
5 31	14 2.07	−20 44.8	1.804	2.698	12.4	21.9

270485 2002 ET_{68} 4 30.1 326°84 5°9/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.64	−26 30.4	1.618	2.396	18.2	20.0
4 1	14 54.60	−27 34.7	1.521	2.382	15.3	19.7
4 11	14 48.45	−28 25.5	1.443	2.369	11.9	19.5
4 21	14 39.67	−28 58.8	1.387	2.357	8.4	19.3
5 1	14 29.26	−29 12.1	1.355	2.345	6.0	19.1
5 11	14 18.65	−29 6.0	1.348	2.334	7.1	19.1
5 21	14 9.27	−28 44.9	1.365	2.323	10.5	19.3
5 31	14 2.34	−28 16.1	1.405	2.313	14.3	19.5

379964 2012 QH_{30} 4 30.1 278°03 2°9/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.63	−30 41.9	4.367	5.078	8.5	20.5
4 1	14 45.23	−30 48.6	4.260	5.075	7.1	20.4
4 11	14 40.72	−30 46.1	4.175	5.071	5.6	20.3
4 21	14 35.42	−30 34.3	4.117	5.068	4.0	20.2
5 1	14 29.70	−30 13.7	4.086	5.065	3.0	20.1
5 11	14 24.02	−29 45.7	4.084	5.062	3.2	20.1
5 21	14 18.80	−29 12.3	4.111	5.059	4.5	20.2
5 31	14 14.40	−28 36.1	4.165	5.056	6.1	20.3

274360 2008 RM_{68} 4 30.1 277°78 3°0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.98	−21 47.0	1.965	2.739	15.5	20.7
4 1	14 55.78	−22 22.0	1.853	2.719	12.8	20.5
4 11	14 48.90	−22 46.9	1.762	2.698	9.4	20.2
4 21	14 39.77	−23 0.1	1.695	2.677	5.7	19.9
5 1	14 29.26	−23 1.1	1.654	2.656	3.0	19.7
5 11	14 18.50	−22 51.4	1.642	2.635	5.1	19.8
5 21	14 8.69	−22 35.0	1.656	2.613	9.1	20.0
5 31	14 0.84	−22 16.8	1.695	2.591	13.0	20.2

455738 2005 JD 4 30.1 335°90 7°3/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.28	− 2 15.9	1.200	2.054	18.8	20.3
4 1	14 50.60	− 1 27.6	1.122	2.039	15.1	20.0
4 11	14 45.74	− 0 38.1	1.063	2.024	11.2	19.8
4 21	14 38.31	+ 0 4.6	1.025	2.011	7.9	19.5
5 1	14 29.41	+ 0 31.7	1.009	1.998	7.8	19.5
5 11	14 20.55	+ 0 35.8	1.016	1.987	11.2	19.6
5 21	14 13.13	+ 0 13.6	1.043	1.977	15.6	19.8
5 31	14 8.26	− 0 34.6	1.088	1.969	19.8	20.0

45850 2000 SH_{209} 4 30.1 83°76 3°5/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 50.03	− 2 51.4	3.101	3.907	9.7	18.5
4 1	14 46.47	− 2 9.5	3.026	3.915	7.6	18.4
4 11	14 41.61	− 1 27.4	2.976	3.924	5.4	18.3
4 21	14 35.85	− 0 48.3	2.953	3.933	3.8	18.2
5 1	14 29.68	− 0 15.3	2.959	3.942	3.8	18.2
5 11	14 23.63	+ 0 8.9	2.994	3.950	5.4	18.3
5 21	14 18.19	+ 0 22.4	3.055	3.959	7.5	18.5
5 31	14 13.79	+ 0 24.3	3.141	3.968	9.5	18.6

35853 1999 JY_{63} 4 30.1 287°05 3°7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.70	− 8 7.1	1.815	2.635	14.9	19.0
4 1	14 51.47	− 7 22.0	1.714	2.614	11.8	18.8
4 11	14 45.80	− 6 30.1	1.634	2.592	8.2	18.5
4 21	14 38.18	− 5 35.7	1.579	2.570	4.7	18.2
5 1	14 29.44	− 4 44.7	1.551	2.549	4.1	18.2
5 11	14 20.63	− 4 3.3	1.549	2.527	7.4	18.3
5 21	14 12.78	− 3 36.2	1.572	2.505	11.4	18.5
5 31	14 6.77	− 3 26.7	1.618	2.483	15.2	18.7

297628 2001 TR_{85} 4 30.1 108°88 3°7/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.13	−24 20.2	1.518	2.302	18.9	21.1
4 1	14 57.02	−24 38.3	1.442	2.312	15.5	20.9
4 11	14 49.78	−24 38.9	1.385	2.322	11.4	20.6
4 21	14 40.12	−24 20.6	1.350	2.332	7.0	20.4
5 1	14 29.26	−23 44.5	1.340	2.341	3.7	20.2
5 11	14 18.67	−22 55.6	1.357	2.351	5.8	20.4
5 21	14 9.67	−22 1.4	1.398	2.359	10.0	20.6
5 31	14 3.24	−21 9.9	1.462	2.368	14.1	20.9

351499 2005 QN_{167} 4 30.1 263°59 7°6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.73	−41 8.3	2.508	3.175	15.1	20.7
4 1	14 52.88	−41 31.2	2.398	3.164	13.4	20.6
4 11	14 46.64	−41 34.1	2.306	3.152	11.4	20.4
4 21	14 38.53	−41 13.5	2.235	3.141	9.4	20.3
5 1	14 29.41	−40 28.1	2.189	3.129	7.9	20.1
5 11	14 20.35	−39 19.4	2.168	3.117	7.6	20.1
5 21	14 12.35	−37 52.4	2.174	3.105	8.8	20.1
5 31	14 6.22	−36 14.4	2.205	3.093	10.8	20.2

239464 2007 TT_{347} 4 30.1 202°44 2°0/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.91	−11 2.5	2.297	3.098	12.7	21.5
4 1	14 50.90	−10 27.0	2.205	3.096	10.0	21.3
4 11	14 44.96	− 9 45.1	2.138	3.093	6.8	21.1
4 21	14 37.60	− 8 59.9	2.096	3.089	3.5	20.9
5 1	14 29.51	− 8 15.3	2.083	3.085	2.2	20.8
5 11	14 21.52	− 7 35.6	2.098	3.081	5.2	21.0
5 21	14 14.39	− 7 4.6	2.141	3.077	8.6	21.2
5 31	14 8.75	− 6 45.1	2.208	3.072	11.7	21.4

330941 2009 SY_{238} 4 30.1 147°80 5°3/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.85	− 2 10.3	2.150	2.961	13.2	21.6
4 1	14 51.59	− 1 0.9	2.078	2.970	10.4	21.4
4 11	14 45.38	+ 0 9.4	2.030	2.977	7.6	21.3
4 21	14 37.76	+ 1 15.2	2.008	2.984	5.6	21.1
5 1	14 29.51	+ 2 10.5	2.014	2.991	5.7	21.2
5 11	14 21.46	+ 2 50.6	2.047	2.997	7.9	21.3
5 21	14 14.39	+ 3 12.8	2.106	3.003	10.7	21.5
5 31	14 8.90	+ 3 16.3	2.187	3.008	13.3	21.7

356592 2011 SN_{274} 4 30.1 190°26 1°0/ 1.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.99	−19 29.0	2.867	3.636	11.3	21.9
4 1	14 50.64	−19 27.0	2.768	3.634	9.0	21.7
4 11	14 44.63	−19 16.7	2.692	3.633	6.3	21.5
4 21	14 37.40	−18 58.8	2.643	3.631	3.4	21.3
5 1	14 29.54	−18 34.6	2.623	3.629	1.0	21.1
5 11	14 21.74	−18 7.0	2.632	3.626	3.3	21.3
5 21	14 14.64	−17 38.8	2.670	3.623	6.3	21.5
5 31	14 8.79	−17 13.4	2.735	3.620	9.0	21.7

105999 2000 SG_{283} 4 30.1 169°88 0°7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.17	−17 34.6	2.445	3.234	12.4	19.8
4 1	14 48.62	−16 28.7	2.353	3.235	9.7	19.6
4 11	14 43.32	−15 10.6	2.284	3.236	6.6	19.4
4 21	14 36.76	−13 43.6	2.243	3.237	3.1	19.2
5 1	14 29.60	−12 12.6	2.231	3.237	0.9	19.0
5 11	14 22.60	−10 43.2	2.249	3.238	4.3	19.3
5 21	14 16.43	− 9 21.3	2.295	3.238	7.7	19.5
5 31	14 11.65	− 8 11.2	2.367	3.239	10.7	19.7

306048 2010 FQ_{87} 4 30.1 358°54 2°3/28.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.65	−14 24.8	1.183	2.026	19.8	20.8
4 1	14 50.88	−13 32.1	1.111	2.024	15.6	20.5
4 11	14 45.86	−12 22.8	1.057	2.022	10.6	20.2
4 21	14 38.31	−11 2.4	1.025	2.022	5.2	19.9
5 1	14 29.45	− 9 39.2	1.016	2.022	2.7	19.8
5 11	14 20.83	− 8 23.9	1.031	2.022	7.8	20.0
5 21	14 13.83	− 7 25.2	1.069	2.024	13.1	20.3
5 31	14 9.45	− 6 49.1	1.126	2.026	17.8	20.6

226368 2003 JD_3 4 30.1 70°.86 0°.2/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.65	−16 15.9	1.756	2.559	16.0	21.2
4 1	14 53.70	−16 15.0	1.677	2.565	12.7	21.0
4 11	14 47.20	−16 4.3	1.618	2.571	8.7	20.8
4 21	14 38.79	−15 45.0	1.584	2.577	4.3	20.5
5 1	14 29.42	−15 20.0	1.576	2.584	0.4	20.2
5 11	14 20.24	−14 53.5	1.596	2.590	5.0	20.6
5 21	14 12.28	−14 30.2	1.641	2.597	9.3	20.9
5 31	14 6.36	−14 14.2	1.710	2.604	13.0	21.1

416651 2004 TL_{117} 4 30.1 234°.07 2°.0/28.8 16

3 22	14 58.31	−13 8.7	1.727	2.536	16.0	22.0
4 1	14 54.41	−12 28.4	1.631	2.524	12.7	21.7
4 11	14 47.86	−11 37.0	1.556	2.513	8.7	21.5
4 21	14 39.20	−10 37.9	1.506	2.500	4.3	21.2
5 1	14 29.37	− 9 36.2	1.482	2.487	2.2	21.0
5 11	14 19.56	− 8 38.8	1.486	2.474	6.4	21.2
5 21	14 10.89	− 7 51.7	1.516	2.459	10.9	21.4
5 31	14 4.28	− 7 19.9	1.568	2.445	15.0	21.7

302405 2002 CD_{133} 4 30.1 47°.90 1°.6/ 1.1 18

3 22	14 57.56	−19 40.3	1.328	2.142	19.6	20.6
4 1	14 54.44	−19 42.8	1.259	2.152	15.7	20.3
4 11	14 48.11	−19 29.3	1.208	2.161	11.0	20.1
4 21	14 39.34	−19 0.7	1.180	2.171	5.8	19.8
5 1	14 29.36	−18 20.2	1.175	2.182	1.6	19.5
5 11	14 19.72	−17 34.1	1.196	2.193	5.7	19.9
5 21	14 11.72	−16 50.0	1.240	2.204	10.7	20.2
5 31	14 6.35	−16 14.4	1.306	2.215	15.2	20.4

508677 2017 UE_{13} 4 30.1 138°.17 0°.1/30.1 17

3 22	14 54.27	−19 6.6	1.988	2.782	14.7	20.9
4 1	14 50.72	−18 14.5	1.902	2.785	11.7	20.7
4 11	14 44.99	−17 7.7	1.838	2.789	8.0	20.5
4 21	14 37.64	−15 49.1	1.799	2.793	3.9	20.3
5 1	14 29.53	−14 23.8	1.789	2.796	0.4	20.0
5 11	14 21.63	−12 58.6	1.806	2.799	4.7	20.3
5 21	14 14.79	−11 40.0	1.851	2.802	8.7	20.6
5 31	14 9.71	−10 33.7	1.921	2.805	12.3	20.8

504699 2009 KF_{20} 4 30.1 52°.83 1°.9/ 2.0 17

3 22	14 52.42	−24 14.8	2.272	3.043	13.8	21.1
4 1	14 49.07	−23 44.0	2.183	3.047	11.1	20.9
4 11	14 43.76	−22 58.1	2.115	3.052	8.0	20.7
4 21	14 37.02	−21 58.1	2.072	3.056	4.6	20.5
5 1	14 29.59	−20 47.2	2.057	3.061	1.9	20.3
5 11	14 22.35	−19 30.5	2.070	3.065	3.9	20.5
5 21	14 16.05	−18 13.8	2.111	3.070	7.3	20.7
5 31	14 11.31	−17 3.0	2.178	3.075	10.5	20.9

475267 2005 WO_{103} 4 30.1 270°.72 6°.9/24.1 17

3 22	14 58.90	+ 8 11.3	2.628	3.415	11.7	20.9
4 1	14 53.82	+ 8 45.2	2.528	3.392	9.8	20.7
4 11	14 46.89	+ 9 12.8	2.452	3.370	8.1	20.6
4 21	14 38.56	+ 9 29.5	2.402	3.346	7.0	20.4
5 1	14 29.45	+ 9 31.0	2.380	3.323	7.3	20.4
5 11	14 20.33	+ 9 14.6	2.385	3.299	8.8	20.5
5 21	14 11.95	+ 8 39.7	2.416	3.275	10.9	20.6
5 31	14 4.92	+ 7 47.1	2.471	3.250	13.1	20.7

297137 2010 TS_{38} 4 30.1 172°.24 0°.3/30.3 16

3 22	14 59.31	−17 29.5	2.059	2.844	14.6	22.3
4 1	14 54.64	−17 14.3	1.969	2.847	11.6	22.1
4 11	14 47.68	−16 48.5	1.902	2.850	8.0	21.8
4 21	14 38.98	−16 13.4	1.860	2.852	4.0	21.6
5 1	14 29.42	−15 32.0	1.847	2.854	0.4	21.3
5 11	14 20.00	−14 48.7	1.862	2.855	4.5	21.6
5 21	14 11.65	−14 8.4	1.904	2.855	8.5	21.9
5 31	14 5.12	−13 35.6	1.971	2.855	12.0	22.1

198484 2004 XS_{48} 4 30.1 155°.03 2°.6/ 2.6 17

3 22	14 56.55	−25 34.6	2.374	3.129	13.7	20.8
4 1	14 52.25	−25 22.9	2.283	3.135	11.2	20.7
4 11	14 45.91	−24 56.7	2.213	3.141	8.2	20.5
4 21	14 38.07	−24 16.2	2.168	3.146	5.0	20.3
5 1	14 29.52	−23 23.5	2.151	3.151	2.7	20.1
5 11	14 21.13	−22 22.5	2.163	3.156	4.1	20.2
5 21	14 13.70	−21 18.5	2.203	3.160	7.2	20.4
5 31	14 7.90	−20 16.9	2.269	3.163	10.2	20.6

425519 2010 LL_{11} 4 30.1 227°.54 5°.2/25.7 16

3 22	14 57.15	− 4 25.3	2.008	2.820	13.9	21.9
4 1	14 53.00	− 3 11.3	1.915	2.808	11.1	21.6
4 11	14 46.62	− 1 52.4	1.845	2.796	8.0	21.4
4 21	14 38.51	− 0 34.4	1.801	2.782	5.5	21.2
5 1	14 29.48	+ 0 35.8	1.784	2.768	5.7	21.2
5 11	14 20.49	+ 1 31.7	1.796	2.753	8.3	21.3
5 21	14 12.46	+ 2 9.1	1.833	2.737	11.6	21.5
5 31	14 6.14	+ 2 25.6	1.892	2.721	14.8	21.7

248464 2005 UM_{66} 4 30.1 212°.74 0°.6/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.53	−14 56.7	2.879	3.666	10.8	21.3
4 1	14 48.68	−14 27.0	2.779	3.660	8.5	21.1
4 11	14 43.29	−13 50.0	2.704	3.655	5.8	20.9
4 21	14 36.76	−13 7.7	2.655	3.649	2.8	20.7
5 1	14 29.65	−12 22.9	2.636	3.642	0.8	20.5
5 11	14 22.61	−11 39.0	2.646	3.636	3.7	20.8
5 21	14 16.23	−10 59.5	2.684	3.629	6.7	20.9
5 31	14 11.02	−10 27.1	2.749	3.621	9.4	21.1

387072 2012 TL_{86} 4 30.1 244°.66 0°.6/30.6 17

3 22	14 55.34	−18 8.4	2.179	2.967	13.8	21.8
4 1	14 51.51	−17 58.7	2.081	2.960	11.0	21.6
4 11	14 45.56	−17 38.7	2.006	2.954	7.6	21.4
4 21	14 37.99	−17 9.6	1.955	2.947	3.9	21.2
5 1	14 29.54	−16 33.6	1.933	2.940	0.6	20.9
5 11	14 21.14	−15 54.9	1.938	2.933	4.2	21.2
5 21	14 13.65	−15 17.8	1.971	2.926	8.0	21.4
5 31	14 7.80	−14 46.6	2.029	2.918	11.5	21.6

433614 2013 YG_{98} 4 30.1 55°.48 0°.4/29.8 17

3 22	14 55.33	−15 5.1	2.051	2.850	14.1	21.3
4 1	14 51.53	−14 52.6	1.964	2.851	11.1	21.1
4 11	14 45.56	−14 31.6	1.899	2.852	7.6	20.9
4 21	14 37.97	−14 3.9	1.859	2.853	3.7	20.7
5 1	14 29.55	−13 32.6	1.847	2.854	0.6	20.4
5 11	14 21.25	−13 1.7	1.862	2.855	4.6	20.7
5 21	14 13.94	−12 35.3	1.905	2.856	8.5	21.0
5 31	14 8.33	−12 17.1	1.971	2.857	11.9	21.2

466085 2012 BL_{71} 4 30.1 63°.54 0°.3/30.3 16

3 22	14 58.50	−17 8.5	1.446	2.258	18.4	21.6
4 1	14 54.76	−16 59.8	1.380	2.274	14.5	21.4
4 11	14 48.09	−16 38.1	1.335	2.289	10.0	21.2
4 21	14 39.26	−16 5.5	1.312	2.305	4.9	20.9
5 1	14 29.43	−15 25.9	1.314	2.322	0.5	20.6
5 11	14 19.99	−14 45.3	1.342	2.338	5.5	21.0
5 21	14 12.10	−14 9.8	1.395	2.354	10.3	21.3
5 31	14 6.63	−13 44.5	1.471	2.370	14.4	21.6

474761 2005 QU_{57} 4 30.1 257°.69 8°.0/ 6.6 18

3 22	15 1.64	−39 57.0	2.682	3.342	14.3	21.5
4 1	14 56.84	−41 2.9	2.568	3.327	12.8	21.3
4 11	14 49.51	−41 53.8	2.473	3.311	11.0	21.2
4 21	14 40.08	−42 25.4	2.400	3.295	9.3	21.0
5 1	14 29.34	−42 34.5	2.352	3.279	8.2	20.9
5 11	14 18.37	−42 20.8	2.330	3.262	8.1	20.9
5 21	14 8.26	−41 46.9	2.334	3.246	9.2	20.9
5 31	13 59.98	−40 58.2	2.363	3.229	11.0	21.0

2927 Alamosa 4 30.1 250°.72 8°.5/21.9 18

3 22	14 54.86	+ 4 40.8	1.958	2.775	14.1	16.6
4 1	14 51.26	+ 6 21.7	1.876	2.761	11.7	16.4
4 11	14 45.45	+ 8 1.0	1.816	2.747	9.6	16.2
4 21	14 37.95	+ 9 30.6	1.782	2.732	8.5	16.1
5 1	14 29.55	+10 42.2	1.774	2.717	9.3	16.1
5 11	14 21.21	+11 29.5	1.791	2.701	11.4	16.2
5 21	14 13.82	+11 49.7	1.830	2.685	14.0	16.4
5 31	14 8.13	+11 42.7	1.889	2.669	16.6	16.5

341773 2007 WZ_1 4 30.1 68°.61 2°.6/28.3 17

3 22	14 57.22	− 7 48.1	2.085	2.892	13.7	21.0
4 1	14 52.75	− 7 35.5	2.014	2.906	10.7	20.8
4 11	14 46.22	− 7 20.3	1.966	2.920	7.3	20.6
4 21	14 38.21	− 7 5.4	1.943	2.934	3.9	20.4
5 1	14 29.54	− 6 54.0	1.948	2.949	2.8	20.4
5 11	14 21.10	− 6 49.2	1.981	2.963	5.6	20.6
5 21	14 13.71	− 6 53.1	2.041	2.977	9.0	20.8
5 31	14 7.98	− 7 7.3	2.125	2.991	12.0	21.0

42264 2001 QZ_{30} 4 30.1 253°.23 1°.9/ 1.2 18 R

3 22	15 2.38	−18 32.0	1.930	2.710	15.6	17.8
4 1	14 57.58	−19 7.7	1.826	2.698	12.6	17.6
4 11	14 50.08	−19 35.5	1.744	2.686	9.0	17.4
4 21	14 40.36	−19 54.4	1.686	2.674	5.0	17.1
5 1	14 29.32	−20 4.2	1.656	2.661	1.9	16.9
5 11	14 18.13	−20 6.7	1.654	2.648	4.9	17.0
5 21	14 7.98	−20 5.0	1.680	2.635	9.1	17.2
5 31	13 59.84	−20 3.5	1.730	2.622	13.0	17.4

23375 2234 $T\text{-}_2$ 4 30.1 340°.56 4°.1/ 2.6 17

3 22	14 57.56	−24 15.8	1.950	2.721	15.7	18.6
4 1	14 53.80	−25 5.7	1.854	2.714	13.0	18.4
4 11	14 47.46	−25 44.3	1.779	2.708	9.8	18.2
4 21	14 39.05	−26 9.5	1.727	2.702	6.4	17.9
5 1	14 29.44	−26 20.1	1.702	2.697	4.2	17.8
5 11	14 19.77	−26 17.7	1.703	2.692	5.5	17.9
5 21	14 11.14	−26 5.7	1.731	2.688	8.8	18.0
5 31	14 4.49	−25 49.4	1.782	2.684	12.2	18.2

231881 2000 UF_{114} 4 30.1 205°.23 1°.4/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.62	−21 21.4	2.671	3.431	12.2	22.7
4 1	14 52.90	−21 10.0	2.564	3.425	9.8	22.6
4 11	14 46.30	−20 47.8	2.480	3.417	7.0	22.4
4 21	14 38.29	−20 15.4	2.423	3.409	3.9	22.1
5 1	14 29.53	−19 34.6	2.395	3.400	1.4	21.9
5 11	14 20.81	−18 48.5	2.397	3.391	3.6	22.1
5 21	14 12.88	−18 1.4	2.428	3.381	6.8	22.3
5 31	14 6.35	−17 17.4	2.485	3.369	9.8	22.5

191279 2003 EV_{51} 4 30.1 273°.19 5°.1/25.0 18

3 22	14 51.79	− 2 0.2	2.304	3.120	12.2	20.2
4 1	14 48.42	− 0 52.4	2.222	3.116	9.7	20.0
4 11	14 43.27	+ 0 16.8	2.164	3.112	7.2	19.9
4 21	14 36.80	+ 1 22.1	2.132	3.108	5.3	19.7
5 1	14 29.68	+ 2 18.0	2.128	3.104	5.6	19.7
5 11	14 22.67	+ 2 59.8	2.151	3.100	7.7	19.9
5 21	14 16.47	+ 3 24.7	2.199	3.096	10.3	20.0
5 31	14 11.66	+ 3 31.5	2.270	3.092	12.9	20.2

428340 2007 KR_{4} 4 30.1 318°.16 2°.7/28.4 17

3 22	14 54.99	− 9 51.5	1.726	2.546	15.5	21.4
4 1	14 51.70	− 9 24.8	1.639	2.539	12.2	21.1
4 11	14 45.94	− 8 51.7	1.573	2.532	8.4	20.9
4 21	14 38.25	− 8 15.9	1.532	2.526	4.4	20.6
5 1	14 29.53	− 7 42.2	1.517	2.519	3.0	20.5
5 11	14 20.90	− 7 15.6	1.528	2.513	6.5	20.7
5 21	14 13.38	− 7 0.3	1.564	2.507	10.6	20.9
5 31	14 7.80	− 6 59.2	1.623	2.502	14.4	21.2

182166 2000 SS_{202} 4 30.1 132°.87 0°.2/29.9 18

3 22	14 54.49	−15 48.0	3.021	3.799	10.6	21.8
4 1	14 50.01	−15 29.5	2.938	3.813	8.3	21.6
4 11	14 44.07	−15 4.5	2.879	3.827	5.6	21.5
4 21	14 37.10	−14 34.5	2.847	3.840	2.7	21.3
5 1	14 29.66	−14 1.7	2.845	3.853	0.4	21.1
5 11	14 22.36	−13 29.1	2.874	3.865	3.3	21.4
5 21	14 15.77	−12 59.4	2.931	3.877	6.1	21.6
5 31	14 10.36	−12 35.3	3.015	3.888	8.6	21.7

219712 2001 XQ_{57} 4 30.1 170°.41 3°.2/27.7 17

3 22	14 57.51	− 7 34.9	2.071	2.878	13.8	20.5
4 1	14 53.10	− 7 0.2	1.988	2.880	10.8	20.3
4 11	14 46.55	− 6 21.5	1.928	2.883	7.4	20.1
4 21	14 38.43	− 5 42.6	1.894	2.885	4.2	19.9
5 1	14 29.53	− 5 7.9	1.888	2.886	3.5	19.8
5 11	14 20.78	− 4 41.7	1.910	2.887	6.3	20.0
5 21	14 13.04	− 4 27.2	1.959	2.888	9.7	20.2
5 31	14 6.98	− 4 26.4	2.031	2.888	12.8	20.4

102455 1999 TU_{220} 4 30.1 161°.87 2°.0/ 1.7 18

3 22	14 59.87	−22 20.9	2.043	2.813	15.2	20.4
4 1	14 55.17	−22 14.3	1.954	2.819	12.2	20.2
4 11	14 48.09	−21 53.9	1.886	2.824	8.8	20.0
4 21	14 39.22	−21 19.9	1.844	2.829	5.0	19.8
5 1	14 29.45	−20 34.5	1.829	2.834	2.0	19.6
5 11	14 19.86	−19 42.2	1.843	2.837	4.4	19.8
5 21	14 11.41	−18 48.5	1.884	2.840	8.2	20.0
5 31	14 4.86	−17 59.1	1.950	2.842	11.7	20.2

422784 2001 VG_{119} 4 30.2 66°.99 2°.8/ 2.3 18

3 22	14 58.57	−24 37.8	1.676	2.456	17.6	21.0
4 1	14 54.42	−24 28.9	1.614	2.482	14.2	20.8
4 11	14 47.62	−24 2.0	1.571	2.508	10.2	20.6
4 21	14 38.95	−23 17.8	1.551	2.534	6.0	20.4
5 1	14 29.51	−22 19.6	1.558	2.560	2.9	20.3
5 11	14 20.52	−21 13.6	1.591	2.586	4.9	20.5
5 21	14 13.02	−20 7.0	1.651	2.612	8.8	20.8
5 31	14 7.72	−19 6.7	1.735	2.638	12.4	21.0

131051 2000 YK_{48} 4 30.2 66°.25 2°.8/28.4 18

3 22	14 57.84	−10 37.9	1.438	2.264	17.8	19.9
4 1	14 54.19	−10 4.4	1.373	2.276	13.9	19.7
4 11	14 47.68	− 9 23.1	1.327	2.287	9.4	19.4
4 21	14 39.07	− 8 38.5	1.305	2.299	4.8	19.2
5 1	14 29.49	− 7 56.5	1.308	2.311	3.1	19.1
5 11	14 20.26	− 7 23.4	1.337	2.323	7.1	19.4
5 21	14 12.52	− 7 3.6	1.390	2.336	11.5	19.7
5 31	14 7.11	− 7 0.1	1.465	2.348	15.4	19.9

170982 2005 CN_{51} 4 30.2 81°.62 0°.1/30.1 18

3 22	14 58.90	−17 0.3	1.516	2.324	17.9	20.8
4 1	14 54.94	−16 40.7	1.448	2.340	14.1	20.6
4 11	14 48.15	−16 7.9	1.401	2.356	9.6	20.3
4 21	14 39.29	−15 24.6	1.378	2.372	4.7	20.1
5 1	14 29.49	−14 35.1	1.380	2.387	0.5	19.8
5 11	14 20.07	−13 45.9	1.408	2.403	5.5	20.2
5 21	14 12.15	−13 3.2	1.462	2.418	10.1	20.5
5 31	14 6.55	−12 32.1	1.539	2.433	14.2	20.8

320093 2007 ES_{98} 4 30.2 359°.53 0°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 47.65	−16 22.9	4.081	4.859	8.0	20.7
4 1	14 44.44	−16 13.5	3.984	4.859	6.3	20.5
4 11	14 40.19	−15 59.2	3.911	4.859	4.3	20.4
4 21	14 35.21	−15 41.0	3.866	4.858	2.1	20.2
5 1	14 29.87	−15 20.5	3.851	4.858	0.2	20.0
5 11	14 24.57	−14 59.4	3.865	4.858	2.4	20.2
5 21	14 19.70	−14 39.5	3.909	4.859	4.6	20.4
5 31	14 15.61	−14 22.8	3.979	4.859	6.6	20.5

145856 1999 CY_{114} 4 30.2 86°.37 1°.1/29.3 18

3 22	14 57.84	−15 11.0	1.769	2.572	15.9	20.5
4 1	14 53.56	−14 30.0	1.704	2.594	12.4	20.3
4 11	14 46.90	−13 38.3	1.661	2.616	8.4	20.1
4 21	14 38.58	−12 39.3	1.643	2.638	4.0	19.8
5 1	14 29.56	−11 38.4	1.653	2.659	1.3	19.7
5 11	14 20.92	−10 41.6	1.690	2.680	5.4	20.0
5 21	14 13.59	− 9 54.1	1.754	2.701	9.4	20.3
5 31	14 8.23	− 9 20.0	1.841	2.721	12.9	20.6

333694 2008 UM_{241} 4 30.2 214°.73 5°.9/24.6 18

3 22	14 54.98	+ 0 15.9	2.243	3.054	12.7	20.8
4 1	14 50.99	+ 1 23.1	2.160	3.048	10.2	20.6
4 11	14 45.06	+ 2 30.1	2.100	3.043	7.7	20.5
4 21	14 37.72	+ 3 31.4	2.067	3.036	6.1	20.4
5 1	14 29.65	+ 4 21.1	2.061	3.030	6.4	20.4
5 11	14 21.68	+ 4 54.8	2.082	3.022	8.4	20.5
5 21	14 14.58	+ 5 9.8	2.128	3.015	11.1	20.6
5 31	14 8.97	+ 5 5.5	2.197	3.007	13.6	20.8

222721 2002 AW_{147} 4 30.2 137°.01 0°.1/30.1 17

3 22	14 59.00	−15 51.8	2.184	2.970	13.8	21.7
4 1	14 54.19	−15 43.1	2.102	2.981	10.9	21.5
4 11	14 47.25	−15 26.0	2.042	2.991	7.5	21.3
4 21	14 38.77	−15 2.0	2.009	3.002	3.6	21.0
5 1	14 29.55	−14 33.8	2.004	3.011	0.4	20.8
5 11	14 20.52	−14 5.0	2.028	3.020	4.3	21.1
5 21	14 12.52	−13 39.3	2.079	3.029	8.0	21.4
5 31	14 6.21	−13 20.4	2.156	3.037	11.2	21.6

172469 2003 SF_{45} 4 30.2 231°.69 0°.3/30.4 17

3 22	15 0.30	−17 19.3	2.040	2.824	14.7	21.0
4 1	14 55.71	−17 9.2	1.933	2.810	11.8	20.8
4 11	14 48.64	−16 48.5	1.847	2.795	8.2	20.5
4 21	14 39.62	−16 18.0	1.787	2.779	4.1	20.3
5 1	14 29.46	−15 40.2	1.755	2.763	0.4	19.9
5 11	14 19.24	−14 59.4	1.752	2.745	4.8	20.2
5 21	14 9.99	−14 20.5	1.776	2.727	9.0	20.4
5 31	14 2.59	−13 48.5	1.824	2.708	12.9	20.6

7697 1989 AE 4 30.2 150°.43 1°.4/ 1.2 18

3 22	14 59.89	−20 42.6	2.038	2.813	15.0	18.9
4 1	14 55.13	−20 31.8	1.953	2.822	12.0	18.7
4 11	14 48.03	−20 8.0	1.889	2.831	8.5	18.5
4 21	14 39.20	−19 32.3	1.851	2.839	4.6	18.3
5 1	14 29.52	−18 47.0	1.840	2.846	1.4	18.1
5 11	14 20.04	−17 56.9	1.858	2.853	4.4	18.3
5 21	14 11.71	−17 7.2	1.904	2.859	8.2	18.6
5 31	14 5.26	−16 23.2	1.975	2.864	11.7	18.8

203760 2002 RC_{166} 4 30.2 259°.59 0°.6/30.7 17

3 22	14 55.16	−18 13.5	2.157	2.946	13.9	21.0
4 1	14 51.45	−18 3.4	2.058	2.937	11.1	20.8
4 11	14 45.58	−17 42.9	1.980	2.928	7.7	20.6
4 21	14 38.05	−17 12.9	1.927	2.918	4.0	20.3
5 1	14 29.62	−16 35.9	1.902	2.909	0.6	20.0
5 11	14 21.21	−15 56.0	1.904	2.899	4.3	20.3
5 21	14 13.71	−15 17.6	1.935	2.889	8.1	20.5
5 31	14 7.85	−14 45.2	1.989	2.880	11.6	20.7

187607 2006 YB_{13} 4 30.2 296°.89 3°.1/24.8 18

3 22	14 45.60	− 0 48.4	4.366	5.170	7.1	19.8
4 1	14 42.75	− 0 1.6	4.280	5.166	5.6	19.7
4 11	14 39.00	+ 0 45.0	4.219	5.162	4.2	19.6
4 21	14 34.63	+ 1 28.9	4.187	5.158	3.2	19.5
5 1	14 29.95	+ 2 7.7	4.184	5.155	3.3	19.5
5 11	14 25.32	+ 2 39.1	4.209	5.151	4.5	19.6
5 21	14 21.07	+ 3 1.9	4.262	5.147	6.0	19.7
5 31	14 17.49	+ 3 15.1	4.340	5.144	7.5	19.8

59696 1999 JW_{116} 4 30.2 343°.77 3°.4/ 2.8 18

3 22	14 50.43	−26 35.8	1.467	2.264	18.9	19.0
4 1	14 48.86	−26 14.7	1.378	2.256	15.6	18.7
4 11	14 44.39	−25 29.1	1.308	2.249	11.5	18.5
4 21	14 37.63	−24 19.0	1.259	2.243	7.1	18.2
5 1	14 29.66	−22 47.7	1.235	2.237	3.5	17.9
5 11	14 21.82	−21 3.3	1.235	2.232	5.5	18.0
5 21	14 15.36	−19 16.5	1.260	2.228	10.1	18.3
5 31	14 11.23	−17 38.0	1.308	2.225	14.5	18.5

302860 2003 GJ_{38} 4 30.2 339°.53 5°.9/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 4.17	+ 3 31.1	1.983	2.781	14.6	19.4
4 1	14 58.49	+ 3 21.2	1.895	2.773	11.9	19.2
4 11	14 50.38	+ 3 3.6	1.828	2.767	9.0	19.0
4 21	14 40.39	+ 2 34.3	1.788	2.760	6.5	18.9
5 1	14 29.42	+ 1 50.4	1.775	2.754	6.1	18.8
5 11	14 18.55	+ 0 50.8	1.790	2.749	8.2	18.9
5 21	14 8.78	− 0 23.4	1.833	2.744	11.3	19.1
5 31	14 0.92	− 1 50.2	1.900	2.740	14.3	19.3

287508 2003 BF_{62} 4 30.2 120°.01 0°.7/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.42	−14 13.3	1.922	2.719	15.0	21.0
4 1	14 54.78	−14 2.2	1.845	2.731	11.8	20.8
4 11	14 47.80	−13 42.9	1.789	2.742	8.0	20.6
4 21	14 39.09	−13 17.5	1.759	2.753	3.9	20.4
5 1	14 29.56	−12 49.2	1.757	2.764	0.9	20.2
5 11	14 20.26	−12 22.3	1.783	2.774	4.9	20.5
5 21	14 12.13	−12 0.5	1.835	2.784	8.9	20.7
5 31	14 5.90	−11 47.5	1.912	2.794	12.4	21.0

37223 2000 WD_{142} 4 30.2 102°.79 7°.3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.48	+ 3 44.9	1.948	2.761	14.3	19.1
4 1	14 53.04	+ 4 46.0	1.888	2.773	11.6	18.9
4 11	14 46.46	+ 5 42.4	1.849	2.785	9.1	18.8
4 21	14 38.38	+ 6 27.8	1.836	2.797	7.5	18.7
5 1	14 29.63	+ 6 56.4	1.849	2.808	7.7	18.7
5 11	14 21.18	+ 7 4.7	1.887	2.820	9.7	18.9
5 21	14 13.85	+ 6 51.8	1.950	2.831	12.2	19.0
5 31	14 8.27	+ 6 18.9	2.035	2.842	14.7	19.2

458983 2011 WF_{71} 4 30.2 198°.02 2°.3/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.18	−23 17.3	1.766	2.545	16.9	22.0
4 1	14 55.16	−23 5.7	1.673	2.543	13.7	21.7
4 11	14 48.41	−22 37.1	1.601	2.540	9.9	21.5
4 21	14 39.52	−21 51.4	1.552	2.537	5.7	21.2
5 1	14 29.51	−20 51.1	1.529	2.533	2.3	21.0
5 11	14 19.62	−19 41.9	1.534	2.529	5.0	21.2
5 21	14 10.98	−18 31.0	1.565	2.524	9.3	21.4
5 31	14 4.52	−17 26.1	1.620	2.519	13.3	21.6

28807 Lisawaller 4 30.2 178°.82 0°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.54	−15 14.3	1.692	2.492	16.7	19.8
4 1	14 56.97	−15 8.4	1.607	2.493	13.2	19.6
4 11	14 49.62	−14 52.6	1.542	2.494	9.1	19.3
4 21	14 40.11	−14 28.6	1.501	2.495	4.5	19.1
5 1	14 29.47	−13 59.3	1.487	2.495	0.6	18.8
5 11	14 18.96	−13 29.6	1.501	2.494	5.4	19.1
5 21	14 9.74	−13 4.4	1.541	2.493	10.0	19.4
5 31	14 2.74	−12 48.2	1.604	2.491	14.1	19.6

435311 2007 UT_{63} 4 30.2 190°.14 0°.1/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.66	−16 50.6	2.252	3.043	13.3	22.3
4 1	14 50.84	−16 30.3	2.160	3.042	10.5	22.1
4 11	14 45.04	−16 0.4	2.091	3.042	7.2	21.8
4 21	14 37.75	−15 22.6	2.048	3.041	3.5	21.6
5 1	14 29.70	−14 40.0	2.033	3.040	0.3	21.3
5 11	14 21.76	−13 56.6	2.046	3.039	4.2	21.6
5 21	14 14.72	−13 16.9	2.086	3.038	7.9	21.9
5 31	14 9.23	−12 44.7	2.152	3.037	11.1	22.1

260806 2005 NH_{124} 4 30.2 115°.19 12°.5/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.62	+22 55.5	2.200	2.958	14.6	21.2
4 1	14 54.47	+24 47.6	2.174	2.979	13.4	21.1
4 11	14 47.28	+26 21.2	2.169	3.000	12.6	21.1
4 21	14 38.71	+27 28.9	2.187	3.021	12.5	21.1
5 1	14 29.63	+28 5.5	2.226	3.040	13.1	21.2
5 11	14 20.95	+28 9.6	2.287	3.059	14.1	21.3
5 21	14 13.45	+27 43.1	2.366	3.077	15.3	21.5
5 31	14 7.69	+26 49.9	2.461	3.095	16.5	21.6

370 Modestia 4 30.2 227°.62 5°.0/ 3.6 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.25	−28 34.5	1.735	2.496	17.8	14.8
4 1	14 55.53	−28 52.1	1.639	2.490	14.9	14.6
4 11	14 48.88	−28 50.5	1.562	2.484	11.5	14.3
4 21	14 39.85	−28 27.4	1.507	2.477	7.8	14.1
5 1	14 29.51	−27 42.6	1.477	2.470	5.1	13.9
5 11	14 19.19	−26 40.2	1.474	2.463	6.1	14.0
5 21	14 10.19	−25 27.2	1.496	2.455	9.6	14.1
5 31	14 3.53	−24 12.8	1.542	2.448	13.5	14.3

433040 2012 SU_{28} 4 30.2 223°.78 4°.3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.53	− 5 48.8	2.248	3.061	12.6	21.3
4 1	14 49.89	− 4 33.0	2.159	3.054	9.9	21.1
4 11	14 44.35	− 3 12.2	2.094	3.047	7.0	20.9
4 21	14 37.41	− 1 51.4	2.056	3.039	4.7	20.8
5 1	14 29.74	− 0 36.9	2.045	3.032	4.8	20.8
5 11	14 22.17	+ 0 25.7	2.063	3.023	7.2	20.9
5 21	14 15.44	+ 1 12.2	2.108	3.015	10.2	21.1
5 31	14 10.17	+ 1 40.3	2.175	3.006	13.0	21.2

391554 2007 TW_{60} 4 30.2 182°.75 0°.2/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.61	−16 39.9	2.793	3.568	11.4	22.6
4 1	14 51.94	−16 32.8	2.696	3.568	9.0	22.4
4 11	14 45.57	−16 18.5	2.623	3.568	6.2	22.2
4 21	14 37.96	−15 58.1	2.576	3.568	3.1	22.0
5 1	14 29.70	−15 33.4	2.559	3.567	0.3	21.8
5 11	14 21.52	−15 7.3	2.573	3.565	3.5	22.0
5 21	14 14.07	−14 42.7	2.614	3.563	6.6	22.2
5 31	14 7.91	−14 22.6	2.683	3.561	9.4	22.4

40937 1999 TQ_{200} 4 30.2 271°.00 1°.5/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.22	−20 41.4	1.674	2.469	17.0	19.8
4 1	14 53.97	−20 32.7	1.569	2.450	13.8	19.5
4 11	14 47.86	−20 8.3	1.484	2.431	9.9	19.2
4 21	14 39.41	−19 28.3	1.422	2.412	5.4	18.9
5 1	14 29.55	−18 35.1	1.385	2.392	1.5	18.6
5 11	14 19.57	−17 34.1	1.376	2.372	5.3	18.8
5 21	14 10.73	−16 32.4	1.391	2.351	10.2	19.0
5 31	14 4.08	−15 37.7	1.430	2.331	14.7	19.2

106537 McCarthy 4 30.2 261°.52 2°.0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.15	−10 51.9	1.636	2.448	16.6	20.1
4 1	14 56.15	−10 42.2	1.539	2.434	13.2	19.8
4 11	14 49.28	−10 26.2	1.463	2.420	9.1	19.6
4 21	14 40.08	−10 6.3	1.411	2.405	4.6	19.3
5 1	14 29.50	− 9 46.4	1.385	2.390	2.3	19.1
5 11	14 18.85	− 9 31.1	1.385	2.374	6.5	19.3
5 21	14 9.36	− 9 24.7	1.411	2.358	11.2	19.5
5 31	14 2.07	− 9 30.5	1.459	2.342	15.5	19.7

86952 2000 HT_{89} 4 30.2 229°.85 1°.0/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.05	−13 39.6	1.735	2.536	16.2	19.6
4 1	14 56.67	−13 29.0	1.638	2.526	12.9	19.3
4 11	14 49.52	−13 9.7	1.562	2.516	8.9	19.1
4 21	14 40.14	−12 43.5	1.510	2.505	4.3	18.8
5 1	14 29.50	−12 13.7	1.486	2.493	1.2	18.5
5 11	14 18.84	−11 45.2	1.489	2.480	5.8	18.8
5 21	14 9.33	−11 22.7	1.518	2.467	10.4	19.0
5 31	14 1.95	−11 10.5	1.570	2.454	14.6	19.2

375252 2008 GH_{89} 4 30.2 6°.26 0°.3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.09	−16 41.7	4.306	5.077	7.7	20.5
4 1	14 45.51	−16 42.9	4.207	5.077	6.1	20.3
4 11	14 40.93	−16 39.8	4.133	5.077	4.2	20.2
4 21	14 35.61	−16 32.9	4.087	5.077	2.1	20.0
5 1	14 29.93	−16 23.5	4.070	5.078	0.3	19.9
5 11	14 24.29	−16 13.0	4.084	5.078	2.3	20.0
5 21	14 19.06	−16 2.9	4.127	5.078	4.4	20.2
5 31	14 14.58	−15 54.9	4.198	5.078	6.3	20.3

499325 2009 WF_{149} 4 30.2 212°.34 0°.9/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.06	−15 29.8	2.262	3.053	13.2	22.6
4 1	14 51.96	−14 46.8	2.163	3.046	10.4	22.4
4 11	14 45.83	−13 53.2	2.087	3.039	7.1	22.1
4 21	14 38.17	−12 51.6	2.037	3.031	3.4	21.9
5 1	14 29.71	−11 46.3	2.016	3.023	1.1	21.7
5 11	14 21.33	−10 42.4	2.024	3.013	4.7	21.9
5 21	14 13.83	− 9 45.1	2.060	3.004	8.4	22.1
5 31	14 7.89	− 8 58.7	2.121	2.994	11.8	22.3

127018 2002 GS_{15} 4 30.2 22°.47 3°.8/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.04	−22 3.5	1.738	2.517	17.1	19.2
4 1	14 57.58	−23 2.5	1.652	2.519	14.0	19.0
4 11	14 50.21	−23 51.2	1.587	2.522	10.3	18.8
4 21	14 40.50	−24 26.9	1.545	2.525	6.5	18.5
5 1	14 29.49	−24 48.3	1.529	2.528	3.9	18.4
5 11	14 18.49	−24 56.5	1.541	2.531	5.7	18.5
5 21	14 8.78	−24 55.1	1.578	2.535	9.4	18.7
5 31	14 1.35	−24 49.5	1.639	2.539	13.1	19.0

352069 2006 WY_{107} 4 30.2 209°.54 0°.8/ 1.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.05	−19 55.5	2.910	3.678	11.1	21.9
4 1	14 49.94	−19 36.3	2.805	3.672	8.9	21.8
4 11	14 44.23	−19 7.7	2.724	3.665	6.2	21.6
4 21	14 37.32	−18 30.6	2.670	3.658	3.3	21.4
5 1	14 29.80	−17 47.2	2.644	3.651	0.8	21.2
5 11	14 22.32	−17 0.7	2.649	3.643	3.3	21.3
5 21	14 15.53	−16 14.7	2.682	3.635	6.3	21.5
5 31	14 9.95	−15 32.8	2.742	3.626	9.0	21.7

449465 2013 LT_{33} 4 30.2 295°.36 0°.9/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.64	−19 34.6	1.522	2.330	17.8	21.6
4 1	14 53.20	−19 18.7	1.406	2.296	14.5	21.3
4 11	14 47.69	−18 45.5	1.310	2.263	10.4	20.9
4 21	14 39.51	−17 55.0	1.237	2.229	5.5	20.5
5 1	14 29.57	−16 49.8	1.188	2.195	0.9	20.1
5 11	14 19.25	−15 36.4	1.164	2.161	6.0	20.4
5 21	14 10.00	−14 23.3	1.165	2.126	11.6	20.6
5 31	14 3.08	−13 19.9	1.188	2.092	16.7	20.8

98352 2000 SX_{327} 4 30.2 154°.40 1°.6/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.86	−12 5.4	1.866	2.666	15.3	19.7
4 1	14 56.02	−11 44.6	1.786	2.674	12.0	19.5
4 11	14 48.73	−11 16.5	1.727	2.681	8.2	19.3
4 21	14 39.61	−10 43.8	1.693	2.687	4.0	19.1
5 1	14 29.60	−10 10.5	1.687	2.692	1.9	18.9
5 11	14 19.78	− 9 41.3	1.709	2.697	5.6	19.2
5 21	14 11.16	− 9 20.1	1.758	2.702	9.7	19.4
5 31	14 4.51	− 9 10.1	1.831	2.705	13.2	19.6

392641 2011 UL_{129} 4 30.2 5°.73 1°.2/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.95	−14 35.2	2.285	3.086	12.8	21.0
4 1	14 48.65	−13 49.6	2.197	3.086	10.0	20.8
4 11	14 43.51	−12 54.6	2.131	3.086	6.8	20.6
4 21	14 37.00	−11 53.4	2.092	3.087	3.3	20.4
5 1	14 29.83	−10 50.1	2.081	3.087	1.4	20.2
5 11	14 22.79	− 9 49.9	2.099	3.087	4.7	20.5
5 21	14 16.60	− 8 57.3	2.143	3.087	8.1	20.7
5 31	14 11.85	− 8 16.1	2.213	3.088	11.2	20.9

336143 2008 QK_{22} 4 30.2 292°.63 2°.1/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.59	−14 27.4	1.772	2.588	15.4	20.9
4 1	14 49.94	−13 24.6	1.669	2.568	12.2	20.6
4 11	14 44.86	−12 7.1	1.589	2.547	8.3	20.3
4 21	14 37.85	−10 38.9	1.532	2.527	4.1	20.0
5 1	14 29.74	− 9 6.4	1.503	2.507	2.4	19.8
5 11	14 21.62	− 7 37.9	1.501	2.487	6.4	20.1
5 21	14 14.50	− 6 21.0	1.524	2.467	10.9	20.3
5 31	14 9.25	− 5 21.8	1.570	2.447	14.9	20.5

63141 2000 WD_{192} 4 30.2 141°.39 5°.1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.64	+ 1 21.1	2.823	3.627	10.5	19.6
4 1	14 48.66	+ 2 25.4	2.753	3.636	8.5	19.5
4 11	14 43.23	+ 3 28.2	2.707	3.645	6.5	19.4
4 21	14 36.78	+ 4 25.0	2.689	3.653	5.2	19.3
5 1	14 29.86	+ 5 11.6	2.699	3.661	5.5	19.3
5 11	14 23.09	+ 5 44.7	2.737	3.668	7.1	19.4
5 21	14 17.03	+ 6 2.5	2.801	3.676	9.1	19.6
5 31	14 12.13	+ 6 4.6	2.888	3.682	11.1	19.7

475225 2005 VL_{101} 4 30.2 338°.35 3°.2/ 2.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.18	−22 20.4	2.121	2.891	14.7	20.6
4 1	14 54.04	−23 4.9	2.023	2.886	12.0	20.4
4 11	14 47.53	−23 40.0	1.948	2.881	8.8	20.1
4 21	14 39.12	−24 4.0	1.896	2.876	5.5	19.9
5 1	14 29.64	−24 16.4	1.872	2.871	3.2	19.8
5 11	14 20.10	−24 18.7	1.876	2.867	4.8	19.9
5 21	14 11.52	−24 13.7	1.907	2.863	8.1	20.1
5 31	14 4.73	−24 5.9	1.962	2.860	11.4	20.2

196621 2003 RH_{5} 4 30.2 142°.83 2°.4/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.61	−23 39.7	2.541	3.294	12.9	21.0
4 1	14 53.72	−23 46.5	2.453	3.306	10.5	20.8
4 11	14 46.90	−23 42.0	2.387	3.316	7.6	20.6
4 21	14 38.64	−23 25.9	2.347	3.326	4.6	20.5
5 1	14 29.69	−22 59.6	2.335	3.336	2.4	20.3
5 11	14 20.89	−22 25.8	2.352	3.344	3.9	20.4
5 21	14 12.99	−21 48.4	2.398	3.353	6.8	20.6
5 31	14 6.64	−21 11.8	2.471	3.361	9.7	20.8

250957 2006 DX_{40} 4 30.2 350°.52 20°.7/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 38.68	+16 49.1	0.905	1.778	21.8	18.7
4 1	14 40.59	+21 10.4	0.871	1.765	20.8	18.6
4 11	14 39.22	+25 8.9	0.856	1.753	21.0	18.5
4 21	14 35.26	+28 20.5	0.858	1.744	22.4	18.5
5 1	14 29.98	+30 27.8	0.876	1.737	24.5	18.6
5 11	14 24.95	+31 24.3	0.906	1.733	26.8	18.8
5 21	14 21.52	+31 13.2	0.946	1.731	28.9	18.9
5 31	14 20.64	+30 3.4	0.994	1.731	30.8	19.1

300104 2006 UP_{273} 4 30.2 122°.96 0°.1/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.73	−16 12.5	2.664	3.444	11.7	21.5
4 1	14 51.27	−16 6.7	2.580	3.456	9.2	21.4
4 11	14 45.12	−15 53.8	2.519	3.467	6.3	21.2
4 21	14 37.74	−15 35.1	2.485	3.477	3.1	21.0
5 1	14 29.78	−15 12.7	2.480	3.488	0.3	20.8
5 11	14 21.96	−14 49.4	2.505	3.498	3.6	21.1
5 21	14 14.94	−14 28.1	2.558	3.508	6.7	21.3
5 31	14 9.26	−14 11.7	2.636	3.517	9.5	21.5

452365 2001 WM_{102} 4 30.2 126°.86 1°.9/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.23	−23 0.3	1.714	2.494	17.2	21.8
4 1	14 55.83	−22 36.2	1.637	2.508	13.9	21.6
4 11	14 48.72	−21 54.4	1.580	2.521	9.9	21.3
4 21	14 39.63	−20 56.0	1.547	2.534	5.5	21.1
5 1	14 29.61	−19 44.7	1.540	2.546	1.9	20.9
5 11	14 19.94	−18 27.3	1.562	2.557	4.9	21.1
5 21	14 11.67	−17 11.4	1.610	2.568	9.2	21.4
5 31	14 5.62	−16 4.4	1.682	2.578	13.1	21.6

184834 2005 UP_{14} 4 30.2 350°.21 0°.6/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.47	−14 28.2	2.203	3.004	13.3	20.6
4 1	14 49.98	−14 15.5	2.114	3.002	10.4	20.4
4 11	14 44.50	−13 55.2	2.046	3.000	7.1	20.2
4 21	14 37.53	−13 29.2	2.004	2.999	3.4	19.9
5 1	14 29.80	−13 0.4	1.990	2.997	0.8	19.7
5 11	14 22.16	−12 32.6	2.004	2.996	4.4	20.0
5 21	14 15.39	−12 9.3	2.045	2.996	8.0	20.2
5 31	14 10.16	−11 53.8	2.110	2.995	11.3	20.4

493530 2015 FS_{77} 4 30.2 162°.25 1°.3/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.00	−13 1.0	2.224	3.023	13.2	21.7
4 1	14 51.08	−12 32.0	2.137	3.025	10.3	21.5
4 11	14 45.19	−11 55.5	2.073	3.027	7.0	21.3
4 21	14 37.84	−11 14.2	2.035	3.029	3.4	21.1
5 1	14 29.77	−10 31.8	2.025	3.031	1.5	20.9
5 11	14 21.84	− 9 52.7	2.044	3.032	4.8	21.2
5 21	14 14.81	− 9 20.6	2.090	3.033	8.3	21.4
5 31	14 9.33	− 8 58.8	2.160	3.034	11.5	21.6

470873 2009 AR_{43} 4 30.2 342°.30 7°.0/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.41	+ 3 10.7	2.048	2.865	13.5	21.4
4 1	14 50.70	+ 4 13.1	1.976	2.864	11.0	21.3
4 11	14 44.97	+ 5 12.2	1.925	2.863	8.6	21.1
4 21	14 37.74	+ 6 1.9	1.900	2.862	7.1	21.0
5 1	14 29.80	+ 6 36.3	1.901	2.862	7.5	21.0
5 11	14 22.01	+ 6 51.4	1.928	2.861	9.4	21.1
5 21	14 15.19	+ 6 45.7	1.979	2.861	12.0	21.3
5 31	14 9.98	+ 6 19.5	2.051	2.860	14.5	21.5

143390 2003 BN_{27} 4 30.2 113°.44 1°.6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.58	−21 39.0	2.057	2.829	15.0	20.8
4 1	14 54.79	−21 27.2	1.981	2.849	12.0	20.6
4 11	14 47.75	−21 2.1	1.927	2.867	8.5	20.4
4 21	14 39.08	−20 24.6	1.899	2.886	4.7	20.2
5 1	14 29.69	−19 37.4	1.898	2.903	1.6	20.0
5 11	14 20.60	−18 45.3	1.925	2.920	4.2	20.2
5 21	14 12.68	−17 53.5	1.981	2.937	7.9	20.5
5 31	14 6.61	−17 7.3	2.061	2.952	11.2	20.7

299572 2006 EZ_{30} 4 30.2 249°.22 2°.4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.60	−28 29.4	4.797	5.513	7.7	20.3
4 1	14 45.94	−28 45.0	4.686	5.508	6.4	20.2
4 11	14 41.25	−28 53.3	4.600	5.503	5.0	20.0
4 21	14 35.81	−28 54.0	4.540	5.497	3.5	19.9
5 1	14 29.98	−28 47.5	4.508	5.492	2.5	19.8
5 11	14 24.15	−28 34.8	4.507	5.487	2.8	19.9
5 21	14 18.71	−28 17.5	4.534	5.482	4.1	19.9
5 31	14 14.00	−27 57.5	4.589	5.476	5.6	20.1

523610 2005 TG 4 30.2 120°.90 0°.7/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.39	−20 32.8	2.945	3.699	11.3	24.0
4 1	14 53.79	−20 1.7	2.868	3.727	9.0	23.8
4 11	14 46.62	−19 20.8	2.816	3.754	6.2	23.7
4 21	14 38.40	−18 31.5	2.792	3.780	3.2	23.5
5 1	14 29.76	−17 36.6	2.798	3.805	0.7	23.4
5 11	14 21.39	−16 39.7	2.836	3.829	3.2	23.6
5 21	14 13.88	−15 44.6	2.903	3.852	6.1	23.8
5 31	14 7.71	−14 55.0	2.999	3.874	8.6	24.0

138744 2000 SB_{235} 4 30.2 183°.80 0°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.50	−16 38.2	2.936	3.713	10.8	21.4
4 1	14 50.22	−16 22.6	2.839	3.713	8.6	21.2
4 11	14 44.38	−15 59.7	2.766	3.713	5.9	21.0
4 21	14 37.40	−15 30.8	2.720	3.712	2.9	20.8
5 1	14 29.84	−14 58.2	2.704	3.711	0.2	20.6
5 11	14 22.36	−14 24.7	2.717	3.710	3.4	20.8
5 21	14 15.56	−13 53.5	2.759	3.708	6.3	21.0
5 31	14 9.95	−13 27.2	2.828	3.705	9.0	21.2

73216 2002 JW_{22} 4 30.2 317°.25 1°.2/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.96	−14 23.8	1.685	2.503	15.9	19.2
4 1	14 50.34	−13 55.7	1.591	2.490	12.6	18.9
4 11	14 45.20	−13 16.4	1.518	2.476	8.6	18.7
4 21	14 38.05	−12 28.7	1.468	2.464	4.2	18.4
5 1	14 29.78	−11 37.2	1.445	2.451	1.5	18.1
5 11	14 21.53	−10 47.9	1.447	2.439	5.8	18.4
5 21	14 14.35	−10 6.9	1.475	2.427	10.4	18.6
5 31	14 9.15	− 9 39.0	1.524	2.416	14.4	18.8

64920 2001 YS_{101} 4 30.2 278°.31 1°.1/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.74	−14 52.9	1.463	2.283	17.8	18.7
4 1	14 53.77	−14 27.8	1.373	2.272	14.2	18.5
4 11	14 47.80	−13 49.8	1.302	2.261	9.8	18.2
4 21	14 39.42	−13 1.6	1.254	2.249	4.8	17.9
5 1	14 29.66	−12 8.1	1.231	2.238	1.4	17.6
5 11	14 19.91	−11 16.2	1.234	2.227	6.4	17.9
5 21	14 11.46	−10 33.1	1.261	2.215	11.5	18.1
5 31	14 5.38	−10 4.3	1.309	2.204	16.1	18.4

178099 2006 SZ_{235} 4 30.2 165°.71 2°.4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.96	− 9 48.1	2.617	3.418	11.4	20.8
4 1	14 49.13	− 8 58.1	2.531	3.421	8.9	20.6
4 11	14 43.68	− 8 2.8	2.470	3.424	6.0	20.4
4 21	14 37.06	− 7 5.4	2.435	3.426	3.3	20.2
5 1	14 29.89	− 6 10.1	2.430	3.429	2.6	20.2
5 11	14 22.84	− 5 21.1	2.453	3.431	5.0	20.3
5 21	14 16.53	− 4 41.7	2.505	3.432	7.9	20.5
5 31	14 11.50	− 4 14.3	2.581	3.433	10.6	20.7

497510 2006 BQ_{74} 4 30.2 208°.47 0°.1/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.48	−16 18.1	2.172	2.960	13.8	22.0
4 1	14 53.21	−16 8.1	2.076	2.956	11.0	21.8
4 11	14 46.78	−15 49.1	2.002	2.952	7.6	21.6
4 21	14 38.70	−15 22.4	1.954	2.947	3.7	21.4
5 1	14 29.74	−14 50.6	1.935	2.942	0.3	21.1
5 11	14 20.84	−14 17.7	1.943	2.937	4.4	21.4
5 21	14 12.87	−13 47.6	1.979	2.931	8.2	21.6
5 31	14 6.56	−13 24.3	2.040	2.925	11.7	21.8

305291 2008 AH_5 4 30.2 65°.28 3°.8/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.43	−27 39.0	2.281	3.031	14.3	20.4
4 1	14 51.63	−27 53.1	2.192	3.037	11.9	20.2
4 11	14 45.69	−27 52.6	2.123	3.043	9.0	20.1
4 21	14 38.15	−27 36.7	2.079	3.049	6.0	19.9
5 1	14 29.80	−27 6.2	2.062	3.054	4.0	19.8
5 11	14 21.57	−26 24.0	2.072	3.060	4.7	19.8
5 21	14 14.33	−25 35.0	2.109	3.066	7.4	20.0
5 31	14 8.76	−24 44.6	2.172	3.072	10.4	20.2

244708 2003 QM_{43} 4 30.2 220°.94 0°.8/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.18	−19 7.2	2.093	2.871	14.6	21.4
4 1	14 55.56	−18 55.4	1.987	2.860	11.7	21.2
4 11	14 48.54	−18 31.7	1.904	2.848	8.3	20.9
4 21	14 39.63	−17 56.8	1.846	2.836	4.3	20.7
5 1	14 29.66	−17 13.1	1.815	2.822	0.8	20.4
5 11	14 19.67	−16 24.9	1.814	2.808	4.5	20.6
5 21	14 10.66	−15 37.4	1.840	2.793	8.6	20.8
5 31	14 3.47	−14 55.8	1.892	2.777	12.4	21.0

312657 2010 KW_{78} 4 30.2 280°.58 4°.1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.77	− 4 43.0	2.414	3.225	11.9	20.9
4 1	14 49.31	− 3 48.5	2.309	3.203	9.4	20.7
4 11	14 44.03	− 2 50.4	2.228	3.180	6.8	20.5
4 21	14 37.34	− 1 52.9	2.173	3.157	4.5	20.3
5 1	14 29.87	− 1 1.0	2.147	3.134	4.5	20.2
5 11	14 22.37	− 0 19.4	2.148	3.110	6.8	20.3
5 21	14 15.57	+ 0 8.4	2.176	3.087	9.8	20.5
5 31	14 10.10	+ 0 20.3	2.226	3.063	12.6	20.6

471727 2012 US_{23} 4 30.2 328°.28 6°.3/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.04	−29 34.5	1.828	2.582	17.2	20.9
4 1	14 54.62	−30 32.3	1.732	2.574	14.6	20.7
4 11	14 48.34	−31 14.9	1.655	2.566	11.6	20.4
4 21	14 39.70	−31 38.4	1.600	2.558	8.5	20.2
5 1	14 29.66	−31 40.7	1.570	2.551	6.5	20.1
5 11	14 19.52	−31 23.0	1.565	2.545	7.1	20.1
5 21	14 10.55	−30 49.8	1.585	2.538	9.7	20.3
5 31	14 3.80	−30 8.1	1.629	2.533	13.0	20.4

477935 2011 QD_{74} 4 30.2 219°.47 0°.2/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.42	−17 24.6	2.517	3.300	12.3	22.3
4 1	14 50.51	−17 6.5	2.417	3.295	9.7	22.1
4 11	14 44.78	−16 39.4	2.341	3.289	6.7	21.9
4 21	14 37.68	−16 4.7	2.291	3.283	3.4	21.7
5 1	14 29.87	−15 24.8	2.270	3.277	0.3	21.4
5 11	14 22.11	−14 43.5	2.277	3.271	3.8	21.7
5 21	14 15.13	−14 4.6	2.313	3.264	7.2	21.9
5 31	14 9.54	−13 31.8	2.374	3.257	10.3	22.1

458735 2011 OA_{39} 4 30.2 263°.57 1°.3/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.23	−23 13.6	4.480	5.230	7.8	21.5
4 1	14 44.11	−23 2.0	4.374	5.226	6.3	21.4
4 11	14 40.02	−22 43.4	4.292	5.221	4.5	21.2
4 21	14 35.23	−22 18.5	4.236	5.217	2.7	21.1
5 1	14 30.09	−21 48.3	4.211	5.213	1.3	21.0
5 11	14 24.99	−21 14.6	4.215	5.208	2.2	21.1
5 21	14 20.29	−20 39.4	4.248	5.204	4.1	21.2
5 31	14 16.32	−20 5.0	4.309	5.199	5.9	21.3

36994 2000 SP_{370} 4 30.2 341°.34 7°.6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.90	+ 1 11.8	1.443	2.279	17.2	17.7
4 1	14 52.90	+ 1 49.3	1.367	2.269	14.0	17.5
4 11	14 47.06	+ 2 23.0	1.310	2.260	10.6	17.2
4 21	14 39.00	+ 2 45.9	1.276	2.252	8.0	17.1
5 1	14 29.75	+ 2 51.2	1.265	2.245	7.9	17.0
5 11	14 20.62	+ 2 34.2	1.279	2.239	10.6	17.2
5 21	14 12.80	+ 1 53.8	1.315	2.234	14.2	17.3
5 31	14 7.22	+ 0 51.6	1.371	2.229	17.7	17.6

382594 2002 DH_{17} 4 30.2 356°.66 7°.4/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.93	+ 1 54.0	1.328	2.165	18.3	19.1
4 1	14 54.70	+ 2 6.3	1.257	2.160	14.9	18.9
4 11	14 48.38	+ 2 11.4	1.205	2.157	11.2	18.7
4 21	14 39.67	+ 2 2.8	1.175	2.154	8.1	18.5
5 1	14 29.72	+ 1 35.4	1.168	2.153	7.7	18.5
5 11	14 19.95	+ 0 46.1	1.185	2.153	10.4	18.6
5 21	14 11.67	− 0 24.0	1.225	2.154	14.2	18.8
5 31	14 5.87	− 1 52.1	1.285	2.157	17.9	19.0

279697 2011 FQ_{55} 4 30.2 56°.01 0°.4/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.32	−16 28.5	1.586	2.391	17.3	20.9
4 1	14 55.15	−16 32.5	1.523	2.412	13.7	20.7
4 11	14 48.28	−16 26.0	1.481	2.434	9.4	20.5
4 21	14 39.45	−16 10.4	1.463	2.456	4.7	20.3
5 1	14 29.75	−15 48.6	1.470	2.478	0.5	20.0
5 11	14 20.44	−15 25.1	1.505	2.500	5.1	20.4
5 21	14 12.59	−15 4.7	1.564	2.522	9.5	20.7
5 31	14 6.97	−14 51.6	1.647	2.544	13.2	21.0

242973 2006 SU_{120} 4 30.2 256°.17 5°.8/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.23	− 0 16.0	2.337	3.153	12.1	20.3
4 1	14 48.84	+ 1 5.9	2.251	3.142	9.7	20.1
4 11	14 43.67	+ 2 29.0	2.189	3.132	7.4	19.9
4 21	14 37.15	+ 3 47.5	2.153	3.121	5.9	19.8
5 1	14 29.95	+ 4 55.2	2.145	3.111	6.4	19.8
5 11	14 22.81	+ 5 47.0	2.164	3.100	8.4	19.9
5 21	14 16.45	+ 6 19.7	2.208	3.089	10.9	20.1
5 31	14 11.45	+ 6 32.2	2.274	3.078	13.4	20.2

269962 2000 SP_{257} 4 30.2 230°.23 2°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.25	−11 40.9	2.262	3.061	13.0	21.8
4 1	14 52.16	−11 0.5	2.161	3.049	10.2	21.6
4 11	14 46.04	−10 12.5	2.083	3.037	7.0	21.3
4 21	14 38.36	− 9 19.8	2.031	3.024	3.6	21.1
5 1	14 29.84	− 8 26.7	2.008	3.011	2.2	21.0
5 11	14 21.35	− 7 38.0	2.014	2.997	5.4	21.1
5 21	14 13.69	− 6 58.0	2.047	2.983	8.9	21.3
5 31	14 7.57	− 6 30.2	2.104	2.968	12.2	21.5

466762 2015 AP_{143} 4 30.2 293°.88 6°.6/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.40	− 0 25.8	1.706	2.530	15.5	20.9
4 1	14 52.82	+ 0 28.3	1.626	2.523	12.5	20.7
4 11	14 46.75	+ 1 21.8	1.567	2.516	9.3	20.5
4 21	14 38.78	+ 2 8.3	1.533	2.509	7.0	20.3
5 1	14 29.81	+ 2 41.1	1.524	2.503	7.1	20.3
5 11	14 20.96	+ 2 55.0	1.541	2.496	9.6	20.5
5 21	14 13.24	+ 2 47.4	1.581	2.489	12.9	20.6
5 31	14 7.48	+ 2 18.4	1.642	2.483	16.1	20.8

206476 2003 UU_{49} 4 30.2 275°.35 4°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.60	−28 15.7	2.076	2.831	15.4	20.2
4 1	14 52.23	−28 20.3	1.967	2.815	12.9	20.0
4 11	14 46.41	−28 7.7	1.879	2.800	9.9	19.7
4 21	14 38.66	−27 36.5	1.813	2.784	6.6	19.5
5 1	14 29.81	−26 47.3	1.774	2.768	4.3	19.3
5 11	14 20.93	−25 43.6	1.762	2.752	5.2	19.4
5 21	14 13.03	−24 31.4	1.776	2.736	8.4	19.5
5 31	14 7.00	−23 18.1	1.816	2.720	11.9	19.7

210565 1999 TZ_{201} 4 30.2 244°.63 0°.9/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.64	−16 8.3	1.741	2.546	16.0	21.0
4 1	14 53.17	−15 29.8	1.646	2.536	12.7	20.8
4 11	14 47.11	−14 37.8	1.571	2.526	8.8	20.5
4 21	14 39.01	−13 35.0	1.521	2.515	4.2	20.2
5 1	14 29.79	−12 26.1	1.497	2.504	1.1	19.9
5 11	14 20.62	−11 18.2	1.501	2.493	5.7	20.2
5 21	14 12.57	−10 17.9	1.530	2.481	10.2	20.5
5 31	14 6.53	− 9 31.2	1.583	2.469	14.3	20.7

498482 2008 CQ_{98} 4 30.2 70°.34 1°.0/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.67	−13 39.1	2.229	3.028	13.2	21.5
4 1	14 50.70	−13 13.3	2.159	3.047	10.3	21.3
4 11	14 44.86	−12 40.4	2.111	3.065	6.9	21.2
4 21	14 37.69	−12 2.9	2.089	3.083	3.3	21.0
5 1	14 29.93	−11 24.3	2.096	3.102	1.2	20.8
5 11	14 22.41	−10 48.7	2.130	3.120	4.5	21.1
5 21	14 15.85	−10 19.6	2.192	3.138	7.9	21.3
5 31	14 10.82	− 9 59.8	2.279	3.156	10.9	21.6

160936 2001 YD_{84} 4 30.2 234°.86 2°.9/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.23	−23 35.8	1.774	2.549	16.9	20.4
4 1	14 56.23	−23 41.1	1.672	2.538	13.9	20.1
4 11	14 49.37	−23 30.5	1.589	2.526	10.2	19.9
4 21	14 40.20	−23 3.1	1.531	2.514	6.1	19.6
5 1	14 29.69	−22 19.8	1.498	2.500	2.9	19.4
5 11	14 19.12	−21 24.9	1.492	2.487	5.2	19.5
5 21	14 9.73	−20 25.1	1.513	2.472	9.6	19.7
5 31	14 2.55	−19 28.0	1.557	2.458	13.7	19.9

25375 Treenajoi 4 30.2 93°.97 1°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.46	−13 0.9	1.628	2.441	16.6	19.2
4 1	14 54.44	−12 29.7	1.558	2.454	13.0	19.0
4 11	14 47.80	−11 49.1	1.509	2.466	8.8	18.8
4 21	14 39.24	−11 2.8	1.484	2.479	4.3	18.5
5 1	14 29.79	−10 15.8	1.485	2.491	2.0	18.4
5 11	14 20.65	− 9 34.0	1.514	2.503	6.0	18.7
5 21	14 12.86	− 9 2.3	1.567	2.515	10.3	18.9
5 31	14 7.20	− 8 44.3	1.644	2.527	14.1	19.2

199548 2006 EN_{10} 4 30.2 229°.76 2°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.34	−11 24.2	2.118	2.923	13.6	20.7
4 1	14 51.54	−10 48.1	2.026	2.917	10.6	20.5
4 11	14 45.65	−10 4.8	1.955	2.911	7.3	20.3
4 21	14 38.18	− 9 17.3	1.911	2.904	3.7	20.1
5 1	14 29.88	− 8 30.0	1.895	2.898	2.3	20.0
5 11	14 21.66	− 7 47.8	1.906	2.891	5.5	20.2
5 21	14 14.34	− 7 14.8	1.944	2.884	9.1	20.4
5 31	14 8.63	− 6 54.1	2.007	2.876	12.5	20.5

419928 2011 BE_{35} 4 30.2 128°.14 0°.7/30.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.66	−18 56.0	2.237	3.012	13.9	22.4
4 1	14 54.66	−18 39.6	2.158	3.029	11.0	22.3
4 11	14 47.60	−18 12.5	2.102	3.046	7.6	22.1
4 21	14 39.04	−17 36.0	2.072	3.062	3.9	21.9
5 1	14 29.82	−16 53.0	2.071	3.078	0.7	21.6
5 11	14 20.84	−16 7.6	2.099	3.093	4.0	21.9
5 21	14 12.92	−15 24.4	2.155	3.107	7.6	22.2
5 31	14 6.69	−14 47.5	2.236	3.120	10.8	22.4

422217 2014 RZ_{60} 4 30.2 210°.75 3°.1/28.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.49	− 9 32.6	1.800	2.609	15.4	22.0
4 1	14 55.20	− 8 50.3	1.710	2.604	12.2	21.8
4 11	14 48.38	− 8 0.6	1.642	2.598	8.4	21.5
4 21	14 39.60	− 7 7.9	1.599	2.591	4.5	21.3
5 1	14 29.77	− 6 17.4	1.583	2.583	3.4	21.2
5 11	14 20.02	− 5 35.2	1.594	2.575	6.8	21.4
5 21	14 11.39	− 5 6.0	1.632	2.566	10.9	21.6
5 31	14 4.73	− 4 52.8	1.692	2.557	14.6	21.8

518446 2004 RL_{357} 4 30.2 194°.46 2°.0/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.00	−11 37.0	2.109	2.912	13.7	22.3
4 1	14 52.02	−10 58.0	2.020	2.911	10.7	22.1
4 11	14 45.95	−10 11.6	1.954	2.909	7.3	21.9
4 21	14 38.32	− 9 20.9	1.914	2.907	3.7	21.7
5 1	14 29.88	− 8 30.5	1.901	2.905	2.3	21.6
5 11	14 21.56	− 7 45.2	1.917	2.902	5.5	21.8
5 21	14 14.19	− 7 9.5	1.960	2.899	9.1	22.0
5 31	14 8.45	− 6 46.3	2.027	2.895	12.4	22.2

157675 2005 YH_{124} 4 30.2 228°.40 0°.9/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.73	−13 35.1	2.015	2.814	14.4	20.9
4 1	14 53.60	−13 22.6	1.921	2.808	11.4	20.7
4 11	14 47.18	−13 2.4	1.849	2.802	7.8	20.4
4 21	14 38.98	−12 36.4	1.802	2.796	3.8	20.2
5 1	14 29.83	−12 7.9	1.782	2.789	1.1	19.9
5 11	14 20.73	−11 40.9	1.791	2.782	5.0	20.2
5 21	14 12.60	−11 19.4	1.826	2.775	9.0	20.4
5 31	14 6.24	−11 6.9	1.886	2.767	12.6	20.6

375257 2008 GW_{100} 4 30.2 318°.53 0°.7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.87	−11 42.6	4.079	4.865	7.9	20.4
4 1	14 45.44	−11 37.0	3.977	4.858	6.1	20.3
4 11	14 40.97	−11 28.4	3.900	4.851	4.1	20.2
4 21	14 35.74	−11 18.2	3.851	4.845	2.0	20.0
5 1	14 30.12	−11 7.7	3.832	4.838	0.8	19.9
5 11	14 24.53	−10 58.6	3.843	4.831	2.8	20.0
5 21	14 19.35	−10 52.4	3.883	4.825	4.9	20.2
5 31	14 14.93	−10 50.4	3.950	4.818	6.9	20.3

504234 2006 UH_{211} 4 30.2 135°.29 0°.8/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.67	−18 23.5	2.922	3.689	11.1	22.3
4 1	14 51.90	−18 24.7	2.835	3.702	8.8	22.1
4 11	14 45.53	−18 18.4	2.772	3.714	6.1	21.9
4 21	14 38.00	−18 5.5	2.736	3.725	3.2	21.8
5 1	14 29.93	−17 47.4	2.729	3.736	0.8	21.6
5 11	14 21.98	−17 26.6	2.753	3.747	3.2	21.8
5 21	14 14.76	−17 5.7	2.805	3.757	6.1	22.0
5 31	14 8.81	−16 47.6	2.884	3.766	8.7	22.2

498665 2008 SA_{139} 4 30.2 248°.07 2°.3/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.60	−10 31.5	2.057	2.864	13.8	21.5
4 1	14 51.84	− 9 58.9	1.963	2.856	10.9	21.3
4 11	14 45.92	− 9 19.9	1.892	2.848	7.4	21.1
4 21	14 38.35	− 8 37.4	1.846	2.840	3.9	20.9
5 1	14 29.90	− 7 56.0	1.829	2.831	2.6	20.7
5 11	14 21.50	− 7 20.2	1.838	2.822	5.7	20.9
5 21	14 14.03	− 6 54.2	1.875	2.813	9.5	21.1
5 31	14 8.22	− 6 40.8	1.935	2.804	12.8	21.3

214763 2006 TZ_{109} 4 30.2 312°.78 0°.2/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.71	−16 14.2	2.229	3.024	13.3	21.1
4 1	14 50.20	−15 55.7	2.137	3.022	10.5	20.9
4 11	14 44.70	−15 28.1	2.068	3.020	7.2	20.7
4 21	14 37.71	−14 53.1	2.024	3.017	3.5	20.5
5 1	14 29.96	−14 13.8	2.008	3.015	0.4	20.2
5 11	14 22.29	−13 34.2	2.019	3.013	4.2	20.5
5 21	14 15.50	−12 58.5	2.058	3.011	7.9	20.7
5 31	14 10.24	−12 30.5	2.122	3.009	11.2	20.9

297807 2002 AH_{43} 4 30.2 88°.21 5°.0/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.90	− 0 50.3	2.322	3.134	12.3	20.6
4 1	14 50.07	− 0 2.6	2.246	3.137	9.8	20.5
4 11	14 44.44	+ 0 44.3	2.194	3.140	7.2	20.3
4 21	14 37.52	+ 1 25.9	2.168	3.144	5.3	20.2
5 1	14 29.98	+ 1 57.6	2.170	3.147	5.4	20.2
5 11	14 22.60	+ 2 15.8	2.198	3.150	7.4	20.3
5 21	14 16.05	+ 2 18.6	2.253	3.153	9.9	20.5
5 31	14 10.93	+ 2 5.6	2.330	3.157	12.4	20.7

98852 2001 AJ_{34} 4 30.2 159°.93 1°.0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.45	−13 10.0	1.996	2.797	14.4	19.5
4 1	14 53.32	−13 0.1	1.910	2.798	11.4	19.3
4 11	14 46.94	−12 43.1	1.845	2.799	7.7	19.1
4 21	14 38.84	−12 21.1	1.806	2.800	3.8	18.9
5 1	14 29.87	−11 57.2	1.795	2.801	1.2	18.7
5 11	14 21.02	−11 35.2	1.811	2.802	5.0	18.9
5 21	14 13.19	−11 18.8	1.854	2.803	8.9	19.2
5 31	14 7.13	−11 11.2	1.921	2.804	12.4	19.4

299360 2005 SR_{267} 4 30.2 173°.90 4°.9/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.16	−34 35.7	3.134	3.824	11.9	21.6
4 1	14 52.53	−34 56.7	3.032	3.826	10.2	21.5
4 11	14 46.11	−35 3.9	2.952	3.828	8.3	21.3
4 21	14 38.36	−34 55.9	2.896	3.830	6.4	21.2
5 1	14 29.92	−34 32.4	2.866	3.831	5.0	21.1
5 11	14 21.54	−33 55.1	2.866	3.832	5.1	21.1
5 21	14 13.94	−33 7.2	2.893	3.832	6.5	21.2
5 31	14 7.69	−32 13.4	2.947	3.832	8.4	21.3

337703 2001 UP_{3} 4 30.2 122°.81 1°.6/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.24	−11 3.2	2.649	3.442	11.5	21.4
4 1	14 50.85	−10 35.9	2.571	3.456	8.9	21.2
4 11	14 44.84	−10 3.8	2.517	3.470	6.0	21.1
4 21	14 37.68	− 9 29.4	2.490	3.483	3.0	20.9
5 1	14 29.99	− 8 55.8	2.492	3.496	1.8	20.8
5 11	14 22.48	− 8 26.3	2.524	3.508	4.4	21.0
5 21	14 15.76	− 8 3.5	2.584	3.520	7.3	21.2
5 31	14 10.35	− 7 49.7	2.669	3.532	9.9	21.4

286955 2002 PL_{177} 4 30.2 229°.55 0°.1/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.56	−16 4.5	2.024	2.813	14.6	22.0
4 1	14 55.15	−15 52.2	1.921	2.802	11.7	21.8
4 11	14 48.34	−15 30.2	1.840	2.790	8.1	21.5
4 21	14 39.62	−14 59.7	1.784	2.777	4.0	21.2
5 1	14 29.82	−14 23.5	1.756	2.763	0.4	20.9
5 11	14 19.99	−13 45.9	1.756	2.749	4.8	21.2
5 21	14 11.14	−13 11.7	1.784	2.735	9.0	21.4
5 31	14 4.10	−12 45.3	1.836	2.719	12.8	21.6

430517 2001 XA_{217} 4 30.2 173°.91 1°.9/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.70	−23 29.5	2.331	3.092	13.8	22.0
4 1	14 53.26	−23 10.0	2.236	3.095	11.1	21.8
4 11	14 46.76	−22 36.6	2.163	3.098	8.0	21.6
4 21	14 38.71	−21 50.0	2.116	3.100	4.6	21.4
5 1	14 29.91	−20 52.4	2.097	3.101	1.9	21.2
5 11	14 21.24	−19 48.3	2.107	3.102	3.9	21.3
5 21	14 13.54	−18 43.2	2.146	3.102	7.4	21.6
5 31	14 7.47	−17 42.4	2.210	3.101	10.6	21.8

216751 2005 ON_{31} 4 30.2 270°.70 5°.5/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.37	− 0 6.4	2.279	3.093	12.4	20.4
4 1	14 49.77	+ 0 50.7	2.196	3.087	10.0	20.2
4 11	14 44.33	+ 1 47.4	2.136	3.081	7.5	20.0
4 21	14 37.52	+ 2 38.5	2.103	3.075	5.7	19.9
5 1	14 30.01	+ 3 18.8	2.096	3.069	5.9	19.9
5 11	14 22.60	+ 3 44.3	2.116	3.063	8.0	20.0
5 21	14 16.00	+ 3 52.6	2.162	3.056	10.6	20.2
5 31	14 10.84	+ 3 43.1	2.230	3.050	13.1	20.3

506697 2006 UZ 4 30.2 149°.24 1°.1/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.84	−19 8.6	2.603	3.374	12.2	22.1
4 1	14 52.33	−19 15.1	2.511	3.379	9.8	21.9
4 11	14 46.00	−19 13.1	2.443	3.384	6.9	21.7
4 21	14 38.31	−19 3.3	2.400	3.388	3.7	21.5
5 1	14 29.94	−18 46.9	2.387	3.393	1.1	21.3
5 11	14 21.66	−18 26.6	2.403	3.397	3.5	21.5
5 21	14 14.19	−18 5.5	2.447	3.401	6.7	21.7
5 31	14 8.12	−17 46.8	2.517	3.405	9.6	21.9

310968 2003 US_{144} 4 30.2 142°.85 2°.7/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.63	−23 38.6	2.010	2.774	15.6	21.6
4 1	14 56.67	−23 44.3	1.926	2.785	12.7	21.4
4 11	14 49.25	−23 35.8	1.863	2.796	9.2	21.2
4 21	14 39.99	−23 12.8	1.825	2.806	5.5	21.0
5 1	14 29.81	−22 36.8	1.814	2.815	2.7	20.8
5 11	14 19.84	−21 51.8	1.831	2.824	4.6	21.0
5 21	14 11.07	−21 3.2	1.876	2.832	8.2	21.2
5 31	14 4.29	−20 17.0	1.945	2.840	11.7	21.4

283016 2007 VF_{124} 4 30.2 280°.83 1°.8/ 1.8 18

3 22	14 54.08	−22 51.9	2.149	2.925	14.3	20.7
4 1	14 50.82	−22 33.9	2.038	2.907	11.6	20.5
4 11	14 45.35	−22 1.1	1.949	2.889	8.4	20.2
4 21	14 38.15	−21 13.7	1.884	2.870	4.8	20.0
5 1	14 29.96	−20 14.2	1.847	2.852	1.8	19.7
5 11	14 21.74	−19 7.1	1.838	2.833	4.3	19.9
5 21	14 14.41	−17 58.3	1.855	2.815	8.1	20.1
5 31	14 8.74	−16 54.1	1.898	2.796	11.7	20.2

54498 2000 OK_{41} 4 30.2 219°.92 0°.7/29.5 18

3 22	14 52.84	−16 4.4	2.315	3.109	12.9	19.3
4 1	14 49.41	−15 22.0	2.222	3.108	10.1	19.1
4 11	14 44.10	−14 29.3	2.153	3.106	6.9	18.9
4 21	14 37.41	−13 29.1	2.111	3.105	3.3	18.7
5 1	14 30.03	−12 25.2	2.096	3.103	0.9	18.5
5 11	14 22.77	−11 22.8	2.110	3.101	4.4	18.8
5 21	14 16.35	−10 26.6	2.152	3.099	7.9	19.0
5 31	14 11.38	− 9 40.7	2.218	3.097	11.1	19.2

29961 1999 JB_{99} 4 30.2 108°.73 7°.0/22.9 18

3 22	14 54.35	+ 6 18.9	2.489	3.292	11.8	18.6
4 1	14 50.19	+ 7 34.0	2.433	3.307	9.8	18.5
4 11	14 44.39	+ 8 43.8	2.401	3.323	8.0	18.4
4 21	14 37.45	+ 9 42.8	2.395	3.338	7.0	18.3
5 1	14 30.04	+10 26.1	2.416	3.353	7.4	18.4
5 11	14 22.85	+10 50.5	2.463	3.368	8.9	18.5
5 21	14 16.51	+10 55.2	2.535	3.382	10.8	18.6
5 31	14 11.51	+10 40.7	2.628	3.396	12.7	18.8

36437 2000 PW_{23} 4 30.2 236°.49 2°.9/28.3 18

3 22	14 58.52	−10 32.2	1.697	2.511	16.0	19.2
4 1	14 54.69	− 9 52.1	1.605	2.501	12.7	19.0
4 11	14 48.20	− 9 3.5	1.534	2.491	8.7	18.7
4 21	14 39.61	− 8 10.3	1.487	2.480	4.6	18.4
5 1	14 29.85	− 7 18.1	1.467	2.469	3.2	18.3
5 11	14 20.12	− 6 33.3	1.474	2.457	6.9	18.5
5 21	14 11.54	− 6 1.2	1.506	2.445	11.3	18.7
5 31	14 5.02	− 5 45.4	1.560	2.433	15.2	18.9

332532 2008 OU_{19} 4 30.2 283°.36 1°.5/29.1 17

3 22	14 55.07	−13 25.9	1.836	2.646	15.1	21.7
4 1	14 51.72	−12 54.1	1.747	2.641	11.9	21.4
4 11	14 46.00	−12 12.8	1.679	2.636	8.1	21.2
4 21	14 38.46	−11 24.8	1.636	2.631	4.0	20.9
5 1	14 29.96	−10 34.9	1.620	2.626	1.8	20.8
5 11	14 21.55	− 9 48.6	1.631	2.621	5.6	21.0
5 21	14 14.21	− 9 11.0	1.668	2.616	9.8	21.2
5 31	14 8.70	− 8 46.1	1.728	2.611	13.5	21.5

498111 2007 RX_{321} 4 30.2 127°.55 2°.6/ 2.2 17

3 22	14 58.75	−22 41.8	2.291	3.054	13.9	21.6
4 1	14 54.18	−23 3.0	2.202	3.060	11.3	21.4
4 11	14 47.45	−23 13.2	2.134	3.067	8.2	21.3
4 21	14 39.10	−23 11.9	2.092	3.073	5.0	21.1
5 1	14 29.91	−22 59.8	2.078	3.079	2.6	20.9
5 11	14 20.82	−22 39.5	2.093	3.085	4.2	21.0
5 21	14 12.69	−22 14.6	2.135	3.091	7.4	21.2
5 31	14 6.24	−21 49.6	2.202	3.096	10.5	21.4

355795 2008 SM_{112} 4 30.2 121°.43 2°.3/28.8 18

3 22	15 0.26	−11 51.8	1.491	2.308	17.7	21.6
4 1	14 56.17	−11 18.9	1.419	2.316	13.9	21.4
4 11	14 49.19	−10 36.8	1.367	2.325	9.5	21.1
4 21	14 40.04	− 9 49.6	1.339	2.333	4.7	20.9
5 1	14 29.83	− 9 2.9	1.337	2.341	2.6	20.8
5 11	14 19.93	− 8 23.0	1.361	2.349	6.7	21.0
5 21	14 11.49	− 7 55.4	1.410	2.356	11.3	21.3
5 31	14 5.40	− 7 43.3	1.481	2.363	15.3	21.6

473786 2016 EB_{87} 4 30.2 93°.06 0°.8/29.8 17

3 22	15 0.48	−13 51.9	1.596	2.404	17.1	21.4
4 1	14 56.19	−13 46.7	1.523	2.415	13.5	21.2
4 11	14 49.14	−13 32.9	1.470	2.425	9.2	21.0
4 21	14 40.00	−13 12.5	1.441	2.436	4.5	20.7
5 1	14 29.84	−12 49.0	1.439	2.446	1.0	20.5
5 11	14 19.95	−12 26.9	1.463	2.456	5.6	20.8
5 21	14 11.44	−12 10.9	1.513	2.466	10.1	21.1
5 31	14 5.19	−12 4.5	1.585	2.476	14.1	21.4

208459 2001 TG_{211} 4 30.2 268°.36 4°.2/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.58	−28 49.5	2.258	3.003	14.6	20.3
4 1	14 51.96	−29 1.9	2.155	2.996	12.2	20.1
4 11	14 46.10	−28 58.8	2.074	2.989	9.4	19.9
4 21	14 38.51	−28 38.8	2.016	2.982	6.5	19.7
5 1	14 29.97	−28 2.3	1.985	2.975	4.4	19.5
5 11	14 21.45	−27 12.3	1.981	2.968	5.0	19.6
5 21	14 13.89	−26 13.8	2.004	2.961	7.8	19.7
5 31	14 8.04	−25 13.0	2.052	2.954	10.8	19.9

489640 2007 TT_{425} 4 30.2 87°.15 1°.1/29.4 17

3 22	14 57.40	−12 18.6	2.202	2.998	13.4	21.7
4 1	14 52.94	−12 11.7	2.125	3.011	10.5	21.5
4 11	14 46.48	−11 59.2	2.071	3.024	7.1	21.3
4 21	14 38.57	−11 43.2	2.043	3.037	3.4	21.1
5 1	14 29.98	−11 26.3	2.044	3.050	1.2	20.9
5 11	14 21.58	−11 11.7	2.073	3.063	4.6	21.2
5 21	14 14.16	−11 2.4	2.129	3.075	8.1	21.4
5 31	14 8.35	−11 0.6	2.210	3.088	11.2	21.7

66629 1999 RJ_{208} 4 30.2 148°.80 3°.4/ 3.4 18

3 22	14 57.78	−27 22.9	2.341	3.086	14.1	19.4
4 1	14 53.40	−27 23.3	2.250	3.094	11.7	19.2
4 11	14 46.90	−27 8.7	2.180	3.101	8.8	19.0
4 21	14 38.82	−26 38.7	2.135	3.107	5.7	18.9
5 1	14 29.96	−25 54.3	2.118	3.113	3.5	18.7
5 11	14 21.25	−24 59.4	2.129	3.119	4.4	18.8
5 21	14 13.55	−23 59.0	2.167	3.124	7.3	19.0
5 31	14 7.54	−22 58.9	2.232	3.129	10.3	19.2

62327 2000 SH_{124} 4 30.2 258°.35 1°.8/28.4 18

3 22	14 52.00	−12 54.7	2.347	3.150	12.5	19.3
4 1	14 48.70	−12 0.5	2.257	3.149	9.7	19.1
4 11	14 43.59	−10 57.7	2.191	3.147	6.6	18.9
4 21	14 37.17	− 9 49.9	2.151	3.145	3.3	18.7
5 1	14 30.10	− 8 41.6	2.139	3.143	2.1	18.6
5 11	14 23.13	− 7 38.0	2.157	3.141	5.0	18.8
5 21	14 16.98	− 6 43.7	2.201	3.139	8.3	19.0
5 31	14 12.22	− 6 2.1	2.270	3.137	11.3	19.2

520105 2013 YV_{154} 4 30.2 141°.44 2°.9/ 3.0 17

3 22	14 56.36	−26 30.2	2.428	3.177	13.6	22.4
4 1	14 52.17	−26 21.1	2.338	3.185	11.1	22.3
4 11	14 45.98	−25 57.5	2.269	3.193	8.3	22.1
4 21	14 38.34	−25 19.5	2.225	3.200	5.2	21.9
5 1	14 30.00	−24 28.8	2.209	3.207	3.0	21.8
5 11	14 21.83	−23 29.3	2.221	3.213	4.1	21.8
5 21	14 14.60	−22 25.9	2.262	3.220	7.0	22.0
5 31	14 8.95	−21 24.2	2.329	3.226	9.9	22.2

147720 2005 LB_{51} 4 30.2 232°.27 2°.4/ 2.1 17

3 22	14 58.51	−23 26.1	2.058	2.826	15.1	21.0
4 1	14 54.42	−23 24.6	1.953	2.816	12.4	20.7
4 11	14 47.89	−23 8.8	1.869	2.805	9.0	20.5
4 21	14 39.44	−22 38.3	1.810	2.793	5.3	20.3
5 1	14 29.90	−21 54.5	1.778	2.781	2.5	20.0
5 11	14 20.35	−21 1.4	1.773	2.768	4.6	20.2
5 21	14 11.80	−20 4.5	1.796	2.754	8.4	20.4
5 31	14 5.11	−19 10.2	1.844	2.741	12.1	20.5

162503 2000 QF_{41} 4 30.2 322°.48 5°.3/ 3.2 17

3 22	14 56.95	−26 12.5	1.353	2.147	20.3	19.6
4 1	14 54.58	−26 47.5	1.266	2.139	17.0	19.4
4 11	14 48.79	−27 3.3	1.197	2.132	12.9	19.1
4 21	14 40.15	−26 56.5	1.147	2.125	8.6	18.8
5 1	14 29.84	−26 26.6	1.121	2.118	5.4	18.6
5 11	14 19.49	−25 37.5	1.119	2.112	6.9	18.7
5 21	14 10.70	−24 37.1	1.140	2.106	11.2	18.9
5 31	14 4.68	−23 35.6	1.182	2.101	15.6	19.1

74527 1999 GZ_{24} 4 30.2 353°.50 3°.1/ 2.3 18

3 22	14 57.99	−22 42.8	2.050	2.823	15.0	18.3
4 1	14 53.97	−23 16.2	1.958	2.821	12.3	18.1
4 11	14 47.55	−23 38.7	1.886	2.820	9.0	17.9
4 21	14 39.26	−23 48.9	1.839	2.820	5.6	17.7
5 1	14 29.93	−23 46.9	1.819	2.819	3.1	17.6
5 11	14 20.61	−23 35.0	1.826	2.819	4.7	17.7
5 21	14 12.32	−23 16.9	1.860	2.818	8.2	17.9
5 31	14 5.87	−22 57.4	1.919	2.818	11.5	18.1

175759 1998 SL_{32} 4 30.2 332°.52 1°.6/29.2 17

3 22	14 52.25	−14 10.1	1.310	2.147	18.6	20.3
4 1	14 50.54	−13 40.6	1.226	2.135	14.7	20.0
4 11	14 45.80	−12 57.6	1.161	2.124	10.1	19.7
4 21	14 38.59	−12 4.6	1.117	2.113	5.0	19.4
5 1	14 29.98	−11 7.4	1.097	2.103	1.9	19.1
5 11	14 21.42	−10 14.2	1.101	2.094	6.9	19.4
5 21	14 14.21	− 9 32.4	1.128	2.086	12.2	19.7
5 31	14 9.45	− 9 7.7	1.175	2.079	16.9	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
299888 2006 SL_{339}			4 30.2 227°.76		2°.1/28.4 17	
	h m	° ′			°	m
3 22	14 54.17	−10 24.8	2.427	3.228	12.2	21.2
4 1	14 50.35	− 9 51.8	2.333	3.223	9.5	21.0
4 11	14 44.72	− 9 13.2	2.263	3.217	6.5	20.8
4 21	14 37.75	− 8 32.0	2.219	3.211	3.4	20.6
5 1	14 30.07	− 7 51.7	2.203	3.205	2.3	20.5
5 11	14 22.46	− 7 16.5	2.216	3.199	5.0	20.7
5 21	14 15.62	− 6 49.5	2.256	3.192	8.2	20.9
5 31	14 10.17	− 6 33.5	2.321	3.185	11.2	21.0
508203 2015 FP_{396}			4 30.2 110°.56		0°.6/29.8 17	
3 22	14 54.84	−15 25.9	2.086	2.885	14.0	21.9
4 1	14 51.20	−15 1.6	1.999	2.886	11.0	21.7
4 11	14 45.45	−14 27.8	1.935	2.888	7.5	21.5
4 21	14 38.14	−13 47.0	1.896	2.890	3.6	21.2
5 1	14 30.04	−13 2.6	1.885	2.892	0.8	21.0
5 11	14 22.07	−12 19.2	1.901	2.893	4.6	21.3
5 21	14 15.06	−11 41.3	1.945	2.895	8.4	21.5
5 31	14 9.71	−11 12.8	2.012	2.897	11.8	21.7
383896 2008 SA_{41}			4 30.2 174°.96		1°.4/28.9 18	
3 22	14 56.51	−12 33.1	2.510	3.300	12.1	21.9
4 1	14 52.06	−12 1.4	2.420	3.303	9.5	21.7
4 11	14 45.81	−11 23.0	2.353	3.305	6.4	21.5
4 21	14 38.25	−10 40.6	2.314	3.307	3.2	21.3
5 1	14 30.03	− 9 57.5	2.303	3.308	1.6	21.2
5 11	14 21.93	− 9 17.6	2.322	3.308	4.5	21.4
5 21	14 14.64	− 8 44.4	2.369	3.308	7.7	21.6
5 31	14 8.76	− 8 20.7	2.442	3.308	10.6	21.8
406356 2007 RE_{179}			4 30.2 201°.25		1°.1/29.4 16	
3 22	14 59.37	−14 36.0	1.977	2.772	14.8	22.3
4 1	14 54.94	−14 4.5	1.883	2.768	11.7	22.1
4 11	14 48.14	−13 22.9	1.811	2.763	8.0	21.9
4 21	14 39.51	−12 33.7	1.764	2.758	3.9	21.6
5 1	14 29.92	−11 40.9	1.746	2.752	1.3	21.4
5 11	14 20.41	−10 50.0	1.755	2.745	5.2	21.6
5 21	14 11.95	−10 6.1	1.792	2.738	9.4	21.9
5 31	14 5.33	− 9 33.5	1.853	2.730	13.0	22.1
9875 1993 FH_{25}			4 30.2 303°.43		1°.1/29.4 18	
3 22	14 54.83	−15 38.6	1.580	2.396	16.9	17.4
4 1	14 51.97	−14 59.7	1.493	2.390	13.4	17.1
4 11	14 46.42	−14 7.0	1.427	2.385	9.2	16.9
4 21	14 38.76	−13 3.9	1.385	2.380	4.4	16.6
5 1	14 29.99	−11 55.7	1.368	2.375	1.4	16.3
5 11	14 21.33	−10 50.0	1.378	2.370	6.0	16.6
5 21	14 13.90	− 9 53.7	1.412	2.365	10.7	16.9
5 31	14 8.61	− 9 12.4	1.469	2.360	14.9	17.1
256805 2008 CL_{92}			4 30.2 186°.83		0°.4/29.9 17	
3 22	14 59.97	−15 23.7	2.147	2.934	14.0	22.1
4 1	14 55.19	−15 6.6	2.054	2.934	11.1	21.9
4 11	14 48.19	−14 40.6	1.983	2.933	7.6	21.7
4 21	14 39.50	−14 7.4	1.938	2.931	3.7	21.4
5 1	14 29.94	−13 30.0	1.922	2.929	0.6	21.2
5 11	14 20.46	−12 52.6	1.934	2.926	4.6	21.5
5 21	14 11.98	−12 19.5	1.974	2.922	8.5	21.7
5 31	14 5.22	−11 54.6	2.040	2.918	11.9	21.9
426723 2013 TM_{51}			4 30.2 193°.63		0°.1/30.3 18	
3 22	14 46.25	−16 31.7	5.340	6.111	6.3	22.0
4 1	14 43.19	−16 15.5	5.238	6.109	5.0	21.8
4 11	14 39.35	−15 55.4	5.161	6.107	3.4	21.7
4 21	14 34.97	−15 32.2	5.113	6.105	1.7	21.6
5 1	14 30.32	−15 7.1	5.095	6.103	0.1	21.4
5 11	14 25.71	−14 41.7	5.107	6.100	1.9	21.6
5 21	14 21.41	−14 17.3	5.149	6.098	3.6	21.7
5 31	14 17.69	−13 55.5	5.219	6.095	5.2	21.8
502836 2015 DL_{152}			4 30.2 223°.74		2°.0/28.7 17	
3 22	14 56.74	−10 44.4	2.156	2.958	13.5	21.7
4 1	14 52.65	−10 19.3	2.062	2.952	10.6	21.5
4 11	14 46.45	− 9 48.2	1.991	2.946	7.2	21.3
4 21	14 38.65	− 9 13.9	1.946	2.939	3.7	21.0
5 1	14 30.01	− 8 40.3	1.929	2.932	2.2	20.9
5 11	14 21.43	− 8 11.4	1.940	2.925	5.4	21.1
5 21	14 13.74	− 7 50.8	1.978	2.918	9.0	21.3
5 31	14 7.66	− 7 41.2	2.040	2.910	12.3	21.5
403216 2008 US_{11}			4 30.2 348°.66		4°.6/ 2.7 14	C
3 22	14 56.70	−24 19.5	1.206	2.017	21.4	21.4
4 1	14 54.63	−24 52.3	1.128	2.013	17.7	21.1
4 11	14 48.95	−25 5.6	1.066	2.010	13.2	20.8
4 21	14 40.26	−24 56.6	1.024	2.007	8.3	20.5
5 1	14 29.87	−24 25.5	1.004	2.005	4.7	20.3
5 11	14 19.54	−23 37.3	1.008	2.004	6.8	20.4
5 21	14 10.93	−22 40.7	1.034	2.003	11.7	20.7
5 31	14 5.31	−21 46.0	1.081	2.003	16.5	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
412282 2013 JH_{13}			4 30.2 40°.46		3°.4/28.2 17	
	h m	° ′			°	m
3 22	14 55.99	−10 48.2	1.318	2.153	18.6	21.6
4 1	14 53.15	−10 1.1	1.251	2.160	14.6	21.4
4 11	14 47.31	− 9 4.1	1.204	2.166	9.9	21.1
4 21	14 39.19	− 8 2.9	1.179	2.173	5.2	20.9
5 1	14 29.98	− 7 5.0	1.179	2.181	3.7	20.8
5 11	14 21.07	− 6 18.0	1.203	2.189	7.8	21.1
5 21	14 13.70	− 5 47.8	1.250	2.197	12.4	21.3
5 31	14 8.75	− 5 37.4	1.318	2.205	16.6	21.6
58427 1996 EV_{7}			4 30.2 254°.71		1°.3/ 1.2 18	
3 22	14 56.59	−19 39.4	2.147	2.929	14.1	20.0
4 1	14 52.72	−19 39.9	2.046	2.920	11.4	19.8
4 11	14 46.63	−19 29.7	1.967	2.910	8.1	19.6
4 21	14 38.80	−19 9.1	1.912	2.901	4.4	19.3
5 1	14 30.01	−18 39.9	1.885	2.891	1.3	19.1
5 11	14 21.21	−18 5.7	1.886	2.881	4.2	19.3
5 21	14 13.33	−17 30.7	1.914	2.871	8.1	19.5
5 31	14 7.13	−16 59.8	1.967	2.861	11.6	19.7
135379 2001 TZ_{153}			4 30.3 118°.71		4°.4/25.1 17	
3 22	14 54.41	− 0 28.9	2.943	3.742	10.3	20.5
4 1	14 49.96	+ 0 33.4	2.881	3.763	8.2	20.3
4 11	14 44.11	+ 1 34.7	2.844	3.784	6.1	20.2
4 21	14 37.33	+ 2 31.1	2.835	3.804	4.6	20.2
5 1	14 30.15	+ 3 18.6	2.855	3.824	4.8	20.2
5 11	14 23.17	+ 3 54.0	2.903	3.843	6.4	20.3
5 21	14 16.90	+ 4 15.8	2.979	3.861	8.4	20.5
5 31	14 11.80	+ 4 23.2	3.078	3.879	10.3	20.6
504914 2011 BH_{22}			4 30.3 12°.15		9°.1/ 6.3 17	
3 22	14 56.56	−34 52.7	1.491	2.242	20.6	20.6
4 1	14 54.20	−35 58.6	1.413	2.244	17.9	20.4
4 11	14 48.45	−36 41.5	1.352	2.247	14.8	20.2
4 21	14 39.95	−36 55.9	1.309	2.251	11.7	20.1
5 1	14 29.92	−36 38.7	1.289	2.256	9.5	19.9
5 11	14 19.99	−35 52.4	1.291	2.262	9.4	19.9
5 21	14 11.69	−34 44.1	1.317	2.268	11.5	20.1
5 31	14 6.16	−33 24.6	1.364	2.275	14.5	20.3
458772 2011 SP_{67}			4 30.3 237°.01		2°.2/ 1.6 16	
3 22	15 2.84	−20 51.9	1.758	2.537	16.9	22.2
4 1	14 58.40	−21 7.1	1.653	2.524	13.8	22.0
4 11	14 51.00	−21 9.7	1.568	2.509	10.0	21.7
4 21	14 41.15	−20 58.7	1.507	2.493	5.7	21.4
5 1	14 29.82	−20 34.6	1.472	2.477	2.3	21.2
5 11	14 18.32	−20 1.0	1.465	2.460	5.3	21.3
5 21	14 7.97	−19 23.4	1.485	2.443	9.9	21.5
5 31	13 59.86	−18 48.2	1.528	2.424	14.2	21.7
295347 2008 HS_{24}			4 30.3 247°.73		2°.6/25.4 18	
3 22	14 45.63	− 2 38.6	4.758	5.558	6.6	20.8
4 1	14 42.79	− 1 52.0	4.666	5.552	5.2	20.7
4 11	14 39.13	− 1 5.0	4.601	5.546	3.8	20.6
4 21	14 34.88	− 0 19.7	4.564	5.540	2.7	20.5
5 1	14 30.35	+ 0 21.7	4.557	5.534	2.8	20.5
5 11	14 25.86	+ 0 57.1	4.579	5.528	3.9	20.6
5 21	14 21.71	+ 1 25.2	4.629	5.522	5.4	20.7
5 31	14 18.17	+ 1 44.7	4.705	5.516	6.8	20.8
199505 2006 DT_{115}			4 30.3 162°.42		0°.7/29.7 17	
3 22	14 56.42	−14 27.5	2.003	2.803	14.4	21.3
4 1	14 52.55	−14 11.1	1.917	2.804	11.4	21.1
4 11	14 46.45	−13 46.2	1.852	2.805	7.8	20.8
4 21	14 38.68	−13 14.9	1.812	2.806	3.8	20.6
5 1	14 30.04	−12 40.6	1.800	2.807	0.9	20.4
5 11	14 21.52	−12 7.5	1.815	2.807	4.8	20.6
5 21	14 14.01	−11 40.0	1.857	2.808	8.8	20.9
5 31	14 8.25	−11 21.5	1.924	2.808	12.2	21.1
254627 2005 JR_{36}			4 30.3 330°.26		1°.8/29.2 17	
3 22	14 52.84	−13 17.3	1.310	2.147	18.6	20.3
4 1	14 51.05	−12 53.5	1.224	2.133	14.7	20.0
4 11	14 46.18	−12 17.6	1.157	2.121	10.1	19.7
4 21	14 38.82	−11 33.2	1.113	2.109	5.0	19.4
5 1	14 30.02	−10 45.8	1.091	2.097	2.1	19.1
5 11	14 21.21	−10 2.9	1.094	2.087	7.0	19.4
5 21	14 13.77	− 9 31.4	1.120	2.078	12.3	19.7
5 31	14 8.77	− 9 16.2	1.166	2.069	17.0	19.9
114324 2002 XK_{59}			4 30.3 46°.11		2°.5/28.5 18	
3 22	14 57.12	− 8 10.8	2.089	2.895	13.7	20.0
4 1	14 52.92	− 7 59.3	2.006	2.897	10.7	19.8
4 11	14 46.61	− 7 44.8	1.945	2.900	7.4	19.6
4 21	14 38.72	− 7 30.0	1.910	2.902	3.9	19.4
5 1	14 30.04	− 7 18.3	1.903	2.904	2.7	19.3
5 11	14 21.49	− 7 12.9	1.924	2.907	5.6	19.5
5 21	14 13.91	− 7 16.1	1.971	2.910	9.1	19.7
5 31	14 7.98	− 7 29.6	2.043	2.912	12.3	19.9

421129 2013 QU_{86} 4 30.3 114°.62 1°.8/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.09	−20 15.0	1.865	2.648	16.0	21.4
4 1	14 55.67	−20 26.9	1.784	2.657	12.8	21.2
4 11	14 48.70	−20 26.9	1.723	2.666	9.1	21.0
4 21	14 39.82	−20 15.1	1.687	2.674	5.0	20.8
5 1	14 29.96	−19 53.1	1.677	2.683	1.8	20.6
5 11	14 20.27	−19 24.6	1.695	2.691	4.6	20.8
5 21	14 11.80	−18 54.4	1.740	2.698	8.6	21.0
5 31	14 5.35	−18 27.7	1.809	2.706	12.3	21.3

161879 2007 CT_{40} 4 30.3 315°.95 5°.2/27.2 17

3 22	14 55.77	− 7 58.3	1.230	2.074	19.1	20.5
4 1	14 53.37	− 6 58.0	1.155	2.068	15.1	20.2
4 11	14 47.74	− 5 48.6	1.099	2.062	10.6	19.9
4 21	14 39.55	− 4 37.1	1.065	2.056	6.3	19.7
5 1	14 29.98	− 3 32.9	1.054	2.051	5.6	19.6
5 11	14 20.54	− 2 45.0	1.067	2.046	9.6	19.8
5 21	14 12.64	− 2 19.6	1.101	2.041	14.4	20.1
5 31	14 7.32	− 2 19.5	1.155	2.037	18.8	20.3

2436 Hatshepsut 4 30.3 42°.74 0°.5/30.7 18 R

3 22	14 53.20	−18 40.9	2.153	2.944	13.8	17.1
4 1	14 49.86	−18 19.7	2.070	2.951	10.9	16.9
4 11	14 44.50	−17 47.3	2.009	2.958	7.6	16.7
4 21	14 37.68	−17 5.6	1.974	2.966	3.8	16.5
5 1	14 30.14	−16 17.6	1.966	2.973	0.5	16.2
5 11	14 22.77	−15 28.0	1.986	2.981	4.1	16.5
5 21	14 16.35	−14 41.4	2.033	2.989	7.7	16.8
5 31	14 11.52	−14 2.2	2.104	2.997	11.0	17.0

242050 2002 RZ_{203} 4 30.3 303°.74 2°.1/ 1.7 17

3 22	14 55.32	−21 7.2	1.855	2.645	15.8	20.5
4 1	14 52.26	−21 16.7	1.749	2.626	12.8	20.3
4 11	14 46.65	−21 13.5	1.664	2.608	9.3	20.0
4 21	14 38.96	−20 57.2	1.602	2.589	5.3	19.7
5 1	14 30.03	−20 29.1	1.566	2.571	2.1	19.5
5 11	14 20.98	−19 52.8	1.557	2.553	4.8	19.6
5 21	14 12.93	−19 13.5	1.574	2.536	9.1	19.8
5 31	14 6.80	−18 37.2	1.615	2.518	13.1	20.0

176053 2000 TO_{35} 4 30.3 237°.57 0°.1/30.2 17

3 22	14 53.86	−16 59.0	2.665	3.448	11.7	21.1
4 1	14 50.05	−16 34.1	2.560	3.437	9.3	20.9
4 11	14 44.51	−16 0.4	2.478	3.426	6.4	20.7
4 21	14 37.68	−15 19.4	2.422	3.415	3.2	20.5
5 1	14 30.15	−14 33.8	2.395	3.403	0.3	20.2
5 11	14 22.65	−13 47.2	2.398	3.391	3.7	20.5
5 21	14 15.85	−13 3.5	2.429	3.379	7.0	20.7
5 31	14 10.34	−12 26.3	2.486	3.366	10.0	20.9

81947 2000 OF_{69} 4 30.3 347°.16 0°.6/29.8 17

3 22	14 53.34	−15 7.3	1.936	2.743	14.6	19.5
4 1	14 50.26	−14 46.3	1.848	2.739	11.5	19.3
4 11	14 44.97	−14 15.8	1.781	2.736	7.9	19.1
4 21	14 37.98	−13 37.9	1.739	2.734	3.8	18.8
5 1	14 30.13	−12 56.4	1.724	2.731	0.8	18.6
5 11	14 22.37	−12 16.0	1.737	2.729	4.9	18.9
5 21	14 15.59	−11 41.5	1.775	2.728	8.9	19.1
5 31	14 10.55	−11 16.8	1.837	2.727	12.5	19.3

180433 2004 BD_{99} 4 30.3 279°.67 5°.4/ 2.9 18

3 22	15 2.28	−26 8.8	1.796	2.558	17.2	19.8
4 1	14 58.29	−27 4.7	1.683	2.535	14.5	19.6
4 11	14 51.20	−27 48.6	1.589	2.511	11.3	19.3
4 21	14 41.40	−28 16.7	1.518	2.488	7.8	19.0
5 1	14 29.83	−28 26.3	1.472	2.463	5.4	18.8
5 11	14 17.82	−28 17.7	1.453	2.439	6.7	18.8
5 21	14 6.83	−27 54.7	1.460	2.415	10.3	19.0
5 31	13 58.12	−27 24.1	1.490	2.390	14.2	19.2

68379 2001 PN_{42} 4 30.3 162°.79 1°.0/29.5 18

3 22	14 57.42	−12 14.1	2.497	3.286	12.2	19.7
4 1	14 52.82	−12 7.9	2.408	3.290	9.6	19.5
4 11	14 46.38	−11 56.6	2.342	3.293	6.5	19.3
4 21	14 38.57	−11 42.0	2.303	3.296	3.2	19.1
5 1	14 30.09	−11 26.5	2.292	3.298	1.1	19.0
5 11	14 21.70	−11 12.8	2.311	3.301	4.2	19.2
5 21	14 14.13	−11 3.6	2.358	3.303	7.5	19.4
5 31	14 7.98	−11 1.2	2.431	3.304	10.4	19.6

137305 1999 SO_{14} 4 30.3 254°.24 0°.9/29.7 18 R

3 22	14 58.30	−15 6.2	1.819	2.620	15.6	21.1
4 1	14 54.52	−14 40.7	1.715	2.603	12.4	20.9
4 11	14 48.15	−14 3.8	1.632	2.586	8.6	20.6
4 21	14 39.68	−13 17.8	1.574	2.568	4.2	20.3
5 1	14 29.99	−12 26.5	1.542	2.549	1.1	20.0
5 11	14 20.21	−11 35.6	1.538	2.530	5.6	20.3
5 21	14 11.46	−10 50.9	1.560	2.510	10.1	20.5
5 31	14 4.67	−10 17.6	1.606	2.490	14.3	20.7

117517 2005 CE_{50} 4 30.3 324°.85 1°.4/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.41	−19 10.3	1.262	2.090	19.6	19.4
4 1	14 51.06	−19 12.0	1.170	2.072	15.9	19.1
4 11	14 46.45	−18 57.1	1.097	2.054	11.4	18.8
4 21	14 39.08	−18 25.8	1.044	2.037	6.1	18.4
5 1	14 30.02	−17 41.0	1.015	2.022	1.4	18.0
5 11	14 20.84	−16 49.1	1.008	2.007	6.2	18.3
5 21	14 13.06	−15 58.5	1.024	1.993	11.8	18.6
5 31	14 7.91	−15 17.5	1.061	1.980	17.0	18.8

305310 2008 AW_{40} 4 30.3 30°.17 5°.1/ 4.2 17

3 22	14 56.14	−29 6.8	1.990	2.743	16.1	20.3
4 1	14 52.65	−29 41.4	1.908	2.751	13.4	20.1
4 11	14 46.70	−29 59.9	1.846	2.760	10.4	19.9
4 21	14 38.87	−30 0.2	1.807	2.770	7.4	19.7
5 1	14 30.07	−29 42.4	1.793	2.780	5.3	19.6
5 11	14 21.42	−29 9.1	1.806	2.790	5.8	19.7
5 21	14 13.91	−28 25.4	1.844	2.801	8.4	19.8
5 31	14 8.36	−27 37.8	1.907	2.812	11.3	20.0

287229 2002 TE_{19} 4 30.3 190°.89 0°.9/30.9 17

3 22	14 59.57	−19 17.6	2.182	2.958	14.1	22.4
4 1	14 54.94	−19 6.5	2.086	2.957	11.3	22.1
4 11	14 48.07	−18 44.2	2.011	2.955	7.9	21.9
4 21	14 39.50	−18 11.4	1.962	2.952	4.2	21.7
5 1	14 30.03	−17 30.6	1.942	2.949	0.9	21.4
5 11	14 20.63	−16 45.8	1.950	2.945	4.2	21.7
5 21	14 12.22	−16 1.8	1.986	2.940	8.1	21.9
5 31	14 5.54	−15 23.4	2.048	2.935	11.5	22.1

8115 Sakabe 4 30.3 313°.90 1°.6/ 1.0 18

3 22	14 56.94	−17 48.7	1.287	2.109	19.7	17.1
4 1	14 54.66	−18 11.1	1.195	2.093	16.0	16.8
4 11	14 48.97	−18 21.4	1.122	2.077	11.4	16.4
4 21	14 40.36	−18 19.3	1.070	2.062	6.1	16.1
5 1	14 29.94	−18 5.9	1.041	2.047	1.6	15.7
5 11	14 19.32	−17 45.5	1.036	2.033	6.2	16.0
5 21	14 10.11	−17 24.2	1.053	2.020	11.9	16.3
5 31	14 3.65	−17 8.9	1.092	2.007	17.0	16.5

307522 2003 AE_{70} 4 30.3 129°.95 2°.9/28.1 17

3 22	14 58.52	− 9 4.6	1.988	2.794	14.3	21.6
4 1	14 54.02	− 8 25.2	1.914	2.806	11.2	21.4
4 11	14 47.33	− 7 40.6	1.862	2.817	7.6	21.2
4 21	14 39.07	− 6 54.7	1.837	2.828	4.2	21.1
5 1	14 30.07	− 6 12.1	1.838	2.838	3.2	21.0
5 11	14 21.31	− 5 37.7	1.868	2.848	6.1	21.2
5 21	14 13.64	− 5 14.9	1.925	2.858	9.6	21.4
5 31	14 7.73	− 5 5.9	2.005	2.867	12.8	21.7

31193 1997 YP_{16} 4 30.3 83°.51 2°.8/ 2.4 18

3 22	14 58.24	−24 14.2	1.808	2.584	16.6	18.7
4 1	14 54.27	−24 13.6	1.733	2.599	13.5	18.5
4 11	14 47.75	−23 56.7	1.678	2.613	9.8	18.3
4 21	14 39.34	−23 23.7	1.646	2.628	5.9	18.1
5 1	14 30.05	−22 36.8	1.641	2.643	2.9	18.0
5 11	14 21.04	−21 41.0	1.662	2.657	4.8	18.1
5 21	14 13.32	−20 42.8	1.711	2.671	8.5	18.4
5 31	14 7.68	−19 48.6	1.783	2.686	12.1	18.6

200059 2008 QZ_{7} 4 30.3 308°.90 7°.2/24.3 17

3 22	14 52.56	− 1 34.8	1.642	2.476	15.5	20.0
4 1	14 50.02	− 0 6.3	1.559	2.463	12.5	19.8
4 11	14 45.01	+ 1 25.7	1.498	2.450	9.4	19.5
4 21	14 38.10	+ 2 53.2	1.461	2.437	7.4	19.4
5 1	14 30.15	+ 4 7.0	1.450	2.424	7.9	19.4
5 11	14 22.26	+ 4 59.6	1.463	2.412	10.6	19.5
5 21	14 15.45	+ 5 26.5	1.499	2.400	14.0	19.7
5 31	14 10.55	+ 5 26.5	1.554	2.388	17.2	19.9

93925 2000 WC_{162} 4 30.3 123°.93 4°.9/25.9 17

3 22	14 56.00	− 3 34.9	2.103	2.915	13.4	20.5
4 1	14 51.88	− 2 28.4	2.034	2.927	10.6	20.3
4 11	14 45.79	− 1 20.1	1.988	2.938	7.6	20.2
4 21	14 38.29	− 0 15.5	1.969	2.949	5.3	20.1
5 1	14 30.16	+ 0 39.7	1.977	2.959	5.3	20.1
5 11	14 22.25	+ 1 20.6	2.012	2.969	7.6	20.2
5 21	14 15.34	+ 1 44.5	2.074	2.979	10.4	20.4
5 31	14 10.02	+ 1 50.3	2.158	2.988	13.1	20.6

403226 2008 UP_{224} 4 30.3 121°.86 3°.4/ 2.6 18

3 22	15 1.76	−24 44.6	1.598	2.375	18.4	22.1
4 1	14 57.49	−24 53.0	1.521	2.386	15.1	21.9
4 11	14 50.23	−24 43.4	1.462	2.397	11.1	21.7
4 21	14 40.67	−24 15.0	1.427	2.408	6.7	21.5
5 1	14 29.97	−23 29.5	1.417	2.418	3.5	21.3
5 11	14 19.55	−22 32.0	1.433	2.427	5.5	21.5
5 21	14 10.64	−21 30.2	1.475	2.437	9.6	21.7
5 31	14 4.18	−20 32.0	1.541	2.445	13.6	22.0

16613 1993 FD_{28} 4 30.3 109°.75 3°.1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.70	−24 50.7	2.301	3.060	14.0	19.0
4 1	14 52.69	−25 8.6	2.208	3.062	11.5	18.9
4 11	14 46.54	−25 14.1	2.136	3.063	8.5	18.7
4 21	14 38.76	−25 6.6	2.089	3.065	5.4	18.5
5 1	14 30.13	−24 46.6	2.069	3.067	3.2	18.3
5 11	14 21.57	−24 16.9	2.077	3.068	4.4	18.4
5 21	14 13.93	−23 41.5	2.113	3.070	7.4	18.6
5 31	14 7.94	−23 5.3	2.173	3.072	10.4	18.8

36234 1999 UB_{42} 4 30.3 273°.19 3°.4/ 3.1 18

3 22	14 55.74	−26 6.2	2.482	3.233	13.3	18.6
4 1	14 51.91	−26 23.9	2.374	3.221	11.0	18.4
4 11	14 46.03	−26 29.5	2.287	3.209	8.3	18.2
4 21	14 38.54	−26 21.9	2.225	3.197	5.5	18.0
5 1	14 30.15	−26 1.4	2.190	3.185	3.5	17.9
5 11	14 21.72	−25 30.3	2.183	3.173	4.4	17.9
5 21	14 14.08	−24 52.4	2.204	3.161	7.2	18.0
5 31	14 7.96	−24 12.4	2.251	3.148	10.2	18.2

182445 2001 SD_{30} 4 30.3 235°.37 1°.8/27.2 18 R

3 22	14 46.21	− 7 41.8	4.539	5.335	7.0	20.2
4 1	14 43.30	− 7 1.4	4.445	5.332	5.4	20.1
4 11	14 39.53	− 6 18.8	4.377	5.329	3.7	20.0
4 21	14 35.13	− 5 36.0	4.337	5.325	2.2	19.9
5 1	14 30.44	− 4 55.1	4.327	5.322	1.9	19.8
5 11	14 25.79	− 4 18.2	4.347	5.318	3.3	19.9
5 21	14 21.50	− 3 47.1	4.396	5.315	5.0	20.1
5 31	14 17.87	− 3 23.1	4.471	5.311	6.7	20.2

293224 2007 BH_{42} 4 30.3 119°.22 6°.6/24.8 18

3 22	14 58.36	+ 1 30.5	2.046	2.855	13.8	21.4
4 1	14 53.70	+ 2 42.5	1.987	2.872	11.1	21.3
4 11	14 47.00	+ 3 51.9	1.950	2.889	8.5	21.1
4 21	14 38.88	+ 4 52.6	1.940	2.905	6.8	21.1
5 1	14 30.15	+ 5 38.6	1.956	2.921	7.0	21.1
5 11	14 21.72	+ 6 5.7	2.000	2.936	9.0	21.2
5 21	14 14.37	+ 6 12.4	2.068	2.950	11.5	21.4
5 31	14 8.70	+ 5 59.1	2.158	2.964	14.0	21.6

141486 2002 DZ_{10} 4 30.3 241°.61 8°.7/ 6.8 18

3 22	15 6.17	−41 16.9	2.678	3.321	14.7	19.6
4 1	15 0.72	−42 44.7	2.571	3.314	13.2	19.4
4 11	14 52.50	−43 57.9	2.484	3.306	11.5	19.3
4 21	14 41.94	−44 51.3	2.420	3.298	9.9	19.2
5 1	14 29.88	−45 21.0	2.380	3.289	8.9	19.1
5 11	14 17.49	−45 25.8	2.366	3.281	8.8	19.0
5 21	14 6.00	−45 7.8	2.378	3.272	9.7	19.1
5 31	13 56.46	−44 32.5	2.413	3.263	11.3	19.2

195134 2002 CR_{168} 4 30.3 351°.10 8°.5/26.1 18

3 22	14 49.31	− 1 37.6	0.976	1.848	20.7	18.8
4 1	14 48.93	− 0 42.5	0.911	1.837	16.7	18.5
4 11	14 45.07	+ 0 12.9	0.863	1.828	12.4	18.2
4 21	14 38.39	+ 0 58.5	0.835	1.820	9.1	18.0
5 1	14 30.17	+ 1 23.7	0.826	1.815	9.1	18.0
5 11	14 22.10	+ 1 20.5	0.838	1.812	12.5	18.1
5 21	14 15.71	+ 0 46.5	0.868	1.810	17.0	18.4
5 31	14 12.14	− 0 16.6	0.915	1.811	21.3	18.6

66796 1999 TD_{252} 4 30.3 278°.92 3°.6/27.5 18

3 22	14 56.35	− 7 21.1	1.993	2.805	14.0	20.0
4 1	14 52.72	− 6 41.8	1.886	2.781	11.1	19.8
4 11	14 46.78	− 5 57.0	1.802	2.757	7.8	19.5
4 21	14 39.00	− 5 10.9	1.743	2.732	4.6	19.3
5 1	14 30.13	− 4 28.5	1.711	2.707	3.9	19.2
5 11	14 21.15	− 3 55.0	1.706	2.682	6.9	19.3
5 21	14 13.01	− 3 34.6	1.727	2.657	10.7	19.5
5 31	14 6.57	− 3 30.2	1.771	2.631	14.3	19.7

34842 2001 SU_{270} 4 30.3 157°.34 0°.6/29.6 18

3 22	14 55.06	−14 19.0	2.951	3.732	10.7	20.4
4 1	14 50.67	−13 56.8	2.862	3.740	8.4	20.2
4 11	14 44.76	−13 28.4	2.797	3.746	5.7	20.1
4 21	14 37.76	−12 55.7	2.759	3.753	2.7	19.9
5 1	14 30.24	−12 21.1	2.752	3.758	0.8	19.7
5 11	14 22.83	−11 47.7	2.774	3.764	3.6	19.9
5 21	14 16.11	−11 18.2	2.825	3.768	6.4	20.1
5 31	14 10.58	−10 55.3	2.902	3.773	9.0	20.3

174605 2003 RT_{5} 4 30.3 181°.74 1°.6/29.1 18

3 22	15 0.89	−11 57.4	2.218	3.007	13.5	20.9
4 1	14 55.81	−11 34.3	2.126	3.008	10.6	20.7
4 11	14 48.58	−11 4.8	2.058	3.009	7.3	20.5
4 21	14 39.75	−10 31.1	2.016	3.009	3.6	20.3
5 1	14 30.08	− 9 56.7	2.003	3.008	1.7	20.1
5 11	14 20.53	− 9 25.7	2.020	3.006	5.0	20.3
5 21	14 11.94	− 9 1.7	2.064	3.003	8.7	20.6
5 31	14 5.01	− 8 47.6	2.133	3.000	11.9	20.8

213967 2003 YD_{95} 4 30.3 157°.30 4°.1/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.60	− 6 20.7	1.764	2.577	15.5	20.4
4 1	14 55.25	− 5 43.4	1.686	2.581	12.2	20.2
4 11	14 48.42	− 5 2.6	1.630	2.585	8.5	20.0
4 21	14 39.72	− 4 22.9	1.599	2.588	5.1	19.8
5 1	14 30.10	− 3 49.7	1.595	2.591	4.4	19.8
5 11	14 20.67	− 3 28.0	1.618	2.593	7.3	19.9
5 21	14 12.44	− 3 20.8	1.666	2.595	11.1	20.2
5 31	14 6.18	− 3 29.7	1.737	2.597	14.5	20.4

214856 2006 XM_{39} 4 30.3 272°.47 1°.3/29.4 17

3 22	14 57.05	−11 11.5	2.310	3.106	12.8	20.4
4 1	14 52.80	−11 10.6	2.214	3.100	10.1	20.2
4 11	14 46.55	−11 5.4	2.142	3.095	6.9	20.0
4 21	14 38.78	−10 57.6	2.095	3.089	3.4	19.8
5 1	14 30.18	−10 49.6	2.077	3.083	1.4	19.6
5 11	14 21.62	−10 44.1	2.088	3.077	4.6	19.8
5 21	14 13.88	−10 43.8	2.126	3.071	8.1	20.0
5 31	14 7.65	−10 50.7	2.188	3.065	11.3	20.2

294510 2007 XL_{6} 4 30.3 100°.34 3°.9/ 4.1 18

3 22	14 55.35	−29 23.1	2.296	3.039	14.5	20.4
4 1	14 51.64	−29 20.6	2.205	3.044	12.0	20.3
4 11	14 45.81	−29 1.4	2.135	3.050	9.2	20.1
4 21	14 38.40	−28 25.1	2.089	3.055	6.3	19.9
5 1	14 30.22	−27 32.8	2.069	3.061	4.1	19.8
5 11	14 22.19	−26 28.6	2.077	3.066	4.7	19.8
5 21	14 15.17	−25 17.8	2.113	3.071	7.3	20.0
5 31	14 9.82	−24 6.8	2.175	3.076	10.3	20.2

380174 2000 SW_{17} 4 30.3 227°.60 0°.1/30.4 18

3 22	14 57.19	−17 52.4	2.393	3.172	13.0	22.0
4 1	14 52.94	−17 25.7	2.284	3.159	10.3	21.8
4 11	14 46.67	−16 48.3	2.199	3.146	7.2	21.5
4 21	14 38.85	−16 1.6	2.140	3.132	3.6	21.3
5 1	14 30.19	−15 8.5	2.110	3.118	0.3	21.0
5 11	14 21.52	−14 13.4	2.109	3.103	4.1	21.3
5 21	14 13.66	−13 21.0	2.137	3.087	7.8	21.5
5 31	14 7.31	−12 35.9	2.190	3.070	11.1	21.6

349382 2007 WZ_{33} 4 30.3 301°.81 0°.7/29.9 17

3 22	14 57.77	−12 47.9	2.044	2.843	14.2	20.8
4 1	14 53.72	−12 55.3	1.947	2.835	11.2	20.6
4 11	14 47.39	−12 57.3	1.873	2.826	7.7	20.4
4 21	14 39.27	−12 55.3	1.824	2.817	3.8	20.1
5 1	14 30.15	−12 51.2	1.802	2.809	0.8	19.9
5 11	14 21.02	−12 48.1	1.808	2.801	4.8	20.1
5 21	14 12.83	−12 48.7	1.841	2.792	8.7	20.4
5 31	14 6.35	−12 55.8	1.899	2.784	12.3	20.6

416317 2003 SH_{104} 4 30.3 198°.42 0°.3/30.0 16

3 22	14 59.44	−16 31.3	2.003	2.792	14.8	22.4
4 1	14 55.03	−16 5.5	1.908	2.789	11.7	22.1
4 11	14 48.26	−15 28.6	1.835	2.785	8.1	21.9
4 21	14 39.67	−14 42.6	1.788	2.781	4.0	21.6
5 1	14 30.12	−13 50.9	1.768	2.775	0.5	21.4
5 11	14 20.66	−12 58.7	1.777	2.770	4.8	21.7
5 21	14 12.23	−12 11.4	1.813	2.763	9.0	21.9
5 31	14 5.64	−11 33.7	1.874	2.756	12.6	22.1

14617 Lasvergnas 4 30.3 230°.07 5°.2/25.4 18

3 22	14 55.55	+ 0 1.3	2.457	3.262	11.9	18.1
4 1	14 51.42	+ 0 52.3	2.367	3.253	9.6	18.0
4 11	14 45.49	+ 1 42.6	2.301	3.243	7.2	17.8
4 21	14 38.22	+ 2 27.9	2.261	3.233	5.4	17.7
5 1	14 30.24	+ 3 3.3	2.249	3.222	5.6	17.7
5 11	14 22.32	+ 3 25.1	2.265	3.211	7.5	17.8
5 21	14 15.16	+ 3 31.1	2.307	3.200	10.1	17.9
5 31	14 9.36	+ 3 20.5	2.372	3.188	12.6	18.0

200225 1999 TJ_{291} 4 30.3 263°.41 1°.2/29.5 17

3 22	15 0.22	−11 26.3	2.123	2.918	13.9	20.4
4 1	14 55.65	−11 29.6	2.015	2.900	11.0	20.1
4 11	14 48.75	−11 28.4	1.930	2.882	7.6	19.9
4 21	14 39.98	−11 24.1	1.870	2.863	3.8	19.6
5 1	14 30.10	−11 19.1	1.838	2.845	1.4	19.4
5 11	14 20.10	−11 16.2	1.836	2.825	5.0	19.6
5 21	14 10.95	−11 18.2	1.860	2.806	9.0	19.8
5 31	14 3.50	−11 27.8	1.909	2.786	12.7	20.0

66342 1999 JA_{68} 4 30.3 325°.31 5°.0/28.1 18

3 22	14 56.07	− 5 33.1	1.187	2.034	19.4	18.7
4 1	14 54.02	− 5 17.4	1.101	2.015	15.6	18.4
4 11	14 48.55	− 4 59.6	1.034	1.997	11.1	18.1
4 21	14 40.19	− 4 45.0	0.988	1.980	6.6	17.8
5 1	14 30.08	− 4 40.3	0.965	1.964	5.3	17.6
5 11	14 19.82	− 4 51.1	0.964	1.949	9.3	17.8
5 21	14 10.99	− 5 20.8	0.985	1.935	14.5	18.0
5 31	14 4.89	− 6 10.4	1.025	1.922	19.3	18.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
113154 2002 RJ_{96}			4 30.3 252°.01		0°.4/30.6 18	
	h m	° ′			°	m
3 22	14 55.34	−17 58.5	2.207	2.994	13.6	20.4
4 1	14 51.66	−17 44.2	2.107	2.986	10.9	20.2
4 11	14 45.87	−17 19.5	2.030	2.978	7.6	20.0
4 21	14 38.48	−16 45.6	1.978	2.970	3.9	19.7
5 1	14 30.23	−16 5.3	1.954	2.961	0.4	19.4
5 11	14 22.00	−15 22.5	1.958	2.953	4.2	19.7
5 21	14 14.65	−14 41.9	1.989	2.944	8.0	19.9
5 31	14 8.89	−14 7.7	2.046	2.935	11.4	20.1
259354 2003 GQ_{44}			4 30.3 14°.99		11°.9/23.3 17	
3 22	14 55.32	+ 9 19.8	1.326	2.161	18.5	19.7
4 1	14 52.51	+10 38.7	1.275	2.166	15.7	19.6
4 11	14 46.81	+11 45.3	1.243	2.171	13.2	19.4
4 21	14 38.98	+12 29.5	1.232	2.177	11.9	19.4
5 1	14 30.20	+12 43.0	1.242	2.185	12.4	19.4
5 11	14 21.79	+12 21.9	1.274	2.193	14.4	19.5
5 21	14 14.90	+11 27.8	1.326	2.202	17.0	19.7
5 31	14 10.33	+10 5.3	1.395	2.212	19.7	19.9
228329 2000 RC_{21}			4 30.3 233°.68		0°.8/ 1.0 18	
3 22	14 58.00	−19 36.5	2.426	3.198	13.0	22.0
4 1	14 53.62	−19 20.6	2.314	3.182	10.5	21.8
4 11	14 47.18	−18 53.6	2.224	3.166	7.4	21.6
4 21	14 39.13	−18 16.4	2.160	3.150	3.9	21.3
5 1	14 30.18	−17 31.1	2.125	3.132	0.8	21.1
5 11	14 21.20	−16 41.5	2.120	3.114	3.9	21.3
5 21	14 13.00	−15 52.2	2.142	3.095	7.6	21.5
5 31	14 6.32	−15 7.8	2.191	3.076	10.9	21.6
270471 2002 CU_{309}			4 30.3 134°.99		5°.3/25.1 17	
3 22	14 57.01	− 1 8.5	2.339	3.143	12.4	21.8
4 1	14 52.44	+ 0 4.3	2.272	3.158	9.9	21.6
4 11	14 46.07	+ 1 17.0	2.230	3.173	7.3	21.5
4 21	14 38.44	+ 2 24.3	2.215	3.187	5.5	21.4
5 1	14 30.25	+ 3 20.8	2.228	3.200	5.7	21.4
5 11	14 22.30	+ 4 2.1	2.269	3.212	7.7	21.6
5 21	14 15.26	+ 4 26.0	2.336	3.224	10.2	21.7
5 31	14 9.69	+ 4 31.9	2.426	3.235	12.5	21.9
200206 1999 TS_{61}			4 30.3 249°.51		1°.6/ 1.5 17	
3 22	14 57.36	−20 36.5	2.099	2.878	14.5	21.6
4 1	14 53.46	−20 39.2	1.997	2.868	11.7	21.4
4 11	14 47.25	−20 30.3	1.917	2.858	8.4	21.2
4 21	14 39.22	−20 10.0	1.861	2.848	4.7	20.9
5 1	14 30.18	−19 39.8	1.832	2.838	1.7	20.7
5 11	14 21.12	−19 3.3	1.832	2.827	4.3	20.9
5 21	14 13.00	−18 25.2	1.858	2.816	8.2	21.1
5 31	14 6.62	−17 50.4	1.910	2.805	11.8	21.3
126727 2002 CK_{263}			4 30.3 130°.17		1°.1/ 1.1 17	
3 22	15 2.24	−17 49.6	2.141	2.917	14.4	20.3
4 1	14 57.00	−18 8.5	2.057	2.928	11.5	20.1
4 11	14 49.48	−18 19.1	1.996	2.939	8.0	19.9
4 21	14 40.24	−18 21.4	1.960	2.949	4.2	19.7
5 1	14 30.13	−18 16.5	1.952	2.959	1.1	19.5
5 11	14 20.16	−18 7.0	1.974	2.968	4.2	19.7
5 21	14 11.27	−17 56.2	2.023	2.977	7.9	20.0
5 31	14 4.18	−17 47.9	2.098	2.986	11.2	20.2
102344 1999 TA_{121}			4 30.3 169°.82		0°.6/30.8 18	
3 22	15 0.60	−18 16.6	2.050	2.831	14.8	21.5
4 1	14 55.85	−18 6.2	1.961	2.835	11.8	21.3
4 11	14 48.77	−17 44.9	1.893	2.839	8.2	21.1
4 21	14 39.92	−17 13.7	1.851	2.842	4.2	20.9
5 1	14 30.16	−16 35.3	1.837	2.844	0.6	20.6
5 11	14 20.53	−15 53.9	1.851	2.846	4.4	20.9
5 21	14 11.98	−15 14.3	1.893	2.847	8.4	21.1
5 31	14 5.27	−14 41.2	1.960	2.847	12.0	21.4
209352 2004 DE_{11}			4 30.3 88°.76		1°.4/29.1 18	
3 22	14 55.24	−12 51.2	2.167	2.968	13.4	20.4
4 1	14 51.36	−12 22.3	2.089	2.979	10.5	20.2
4 11	14 45.51	−11 46.3	2.035	2.989	7.1	20.0
4 21	14 38.24	−11 5.9	2.006	3.000	3.5	19.8
5 1	14 30.29	−10 24.9	2.005	3.010	1.6	19.7
5 11	14 22.53	− 9 47.7	2.032	3.021	4.8	20.0
5 21	14 15.73	− 9 17.9	2.086	3.031	8.3	20.2
5 31	14 10.50	− 8 58.4	2.165	3.041	11.4	20.4
501987 2014 YU_{45}			4 30.3 119°.31		4°.4/26.8 17	
3 22	14 57.63	− 5 55.9	1.917	2.730	14.5	21.0
4 1	14 53.39	− 4 56.4	1.848	2.743	11.4	20.8
4 11	14 46.96	− 3 53.4	1.802	2.755	8.0	20.6
4 21	14 38.96	− 2 52.2	1.782	2.768	5.0	20.5
5 1	14 30.25	− 1 58.7	1.789	2.779	4.7	20.5
5 11	14 21.80	− 1 18.1	1.823	2.791	7.3	20.7
5 21	14 14.47	− 0 53.7	1.883	2.802	10.6	20.9
5 31	14 8.92	− 0 47.0	1.965	2.812	13.6	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
374398 2005 VE_{79}			4 30.3 357°.01		1°.0/30.9 17	
	h m	° ′			°	m
3 22	14 54.39	−18 54.9	1.478	2.292	18.0	21.2
4 1	14 51.93	−18 49.1	1.397	2.290	14.4	20.9
4 11	14 46.60	−18 28.6	1.334	2.288	10.1	20.7
4 21	14 39.02	−17 54.6	1.295	2.287	5.3	20.4
5 1	14 30.24	−17 10.6	1.279	2.286	1.0	20.1
5 11	14 21.58	−16 22.5	1.289	2.287	5.3	20.4
5 21	14 14.26	−15 37.1	1.324	2.287	10.2	20.7
5 31	14 9.22	−15 0.7	1.380	2.289	14.5	20.9
111875 2002 EA_{102}			4 30.3 278°.26		8°.2/23.5 18	
3 22	14 56.70	+ 4 57.4	1.950	2.763	14.3	19.4
4 1	14 52.96	+ 6 6.7	1.858	2.742	11.9	19.2
4 11	14 46.93	+ 7 12.9	1.790	2.721	9.6	19.0
4 21	14 39.09	+ 8 8.9	1.745	2.700	8.3	18.8
5 1	14 30.24	+ 8 47.5	1.726	2.679	8.8	18.8
5 11	14 21.36	+ 9 3.4	1.732	2.657	10.9	18.9
5 21	14 13.41	+ 8 54.5	1.762	2.635	13.6	19.0
5 31	14 7.18	+ 8 21.0	1.812	2.613	16.4	19.2
34169 2000 QA_{33}			4 30.3 284°.75		1°.3/ 1.2 17	
3 22	14 57.83	−18 28.1	2.240	3.020	13.7	19.7
4 1	14 53.66	−18 47.8	2.140	3.013	11.0	19.5
4 11	14 47.31	−18 59.4	2.061	3.005	7.8	19.3
4 21	14 39.25	−19 2.9	2.008	2.997	4.2	19.1
5 1	14 30.23	−18 59.2	1.983	2.989	1.3	18.9
5 11	14 21.18	−18 50.5	1.986	2.981	4.1	19.0
5 21	14 12.99	−18 39.9	2.017	2.974	7.7	19.2
5 31	14 6.43	−18 31.2	2.073	2.966	11.1	19.4
421277 2013 SK_{79}			4 30.3 70°.17		7°.6/ 6.3 17	
3 22	15 0.65	−35 17.0	1.899	2.618	17.8	20.6
4 1	14 56.59	−36 7.1	1.820	2.631	15.4	20.4
4 11	14 49.64	−36 37.0	1.760	2.644	12.6	20.3
4 21	14 40.47	−36 42.8	1.721	2.657	9.8	20.1
5 1	14 30.15	−36 22.8	1.706	2.670	7.9	20.1
5 11	14 20.02	−35 39.5	1.716	2.683	7.8	20.1
5 21	14 11.29	−34 39.0	1.752	2.696	9.6	20.2
5 31	14 4.89	−33 29.5	1.811	2.709	12.2	20.4
259462 2003 SB_{104}			4 30.3 277°.07		0°.5/29.9 17	
3 22	14 57.76	−16 26.5	1.658	2.463	16.7	21.7
4 1	14 54.57	−16 2.0	1.547	2.438	13.4	21.5
4 11	14 48.53	−15 23.6	1.458	2.412	9.4	21.2
4 21	14 40.09	−14 33.1	1.391	2.385	4.7	20.8
5 1	14 30.17	−13 34.1	1.351	2.358	0.7	20.4
5 11	14 20.01	−12 33.2	1.337	2.331	5.9	20.7
5 21	14 10.89	−11 37.4	1.349	2.303	11.0	20.9
5 31	14 3.92	−10 53.6	1.383	2.275	15.6	21.1
44663 1999 RS_{171}			4 30.3 210°.34		3°.8/27.4 17	
3 22	14 57.71	− 8 24.1	1.812	2.626	15.2	19.6
4 1	14 53.83	− 7 28.8	1.726	2.622	11.9	19.4
4 11	14 47.53	− 6 26.6	1.661	2.617	8.3	19.2
4 21	14 39.37	− 5 22.4	1.622	2.612	4.8	18.9
5 1	14 30.24	− 4 22.3	1.610	2.607	4.1	18.9
5 11	14 21.22	− 3 32.8	1.625	2.601	7.3	19.1
5 21	14 13.29	− 2 58.5	1.665	2.594	11.1	19.3
5 31	14 7.25	− 2 42.4	1.728	2.588	14.6	19.5
304411 2006 TK_{47}			4 30.3 64°.77		0°.8/29.7 17	
3 22	14 56.52	−13 1.1	2.256	3.052	13.1	20.5
4 1	14 52.39	−12 58.5	2.170	3.055	10.3	20.3
4 11	14 46.26	−12 50.1	2.107	3.059	7.0	20.1
4 21	14 38.66	−12 37.7	2.070	3.063	3.4	19.8
5 1	14 30.31	−12 23.6	2.061	3.067	0.9	19.6
5 11	14 22.07	−12 10.8	2.080	3.071	4.4	19.9
5 21	14 14.72	−12 2.3	2.126	3.075	7.9	20.1
5 31	14 8.91	−12 0.6	2.198	3.079	11.0	20.3
222567 2001 VP_{85}			4 30.3 158°.04		1°.0/ 1.2 17	
3 22	14 59.19	−19 35.4	2.206	2.981	14.0	22.1
4 1	14 54.58	−19 27.8	2.117	2.987	11.2	21.9
4 11	14 47.82	−19 9.2	2.050	2.993	7.9	21.7
4 21	14 39.44	−18 40.5	2.009	2.998	4.2	21.5
5 1	14 30.26	−18 3.9	1.997	3.003	1.0	21.2
5 11	14 21.21	−17 23.3	2.013	3.007	4.1	21.5
5 21	14 13.16	−16 43.3	2.056	3.011	7.7	21.7
5 31	14 6.81	−16 8.3	2.126	3.014	11.1	21.9
277019 2005 AS_{56}			4 30.3 211°.67		4°.2/26.5 18	
3 22	14 58.90	− 1 19.8	2.748	3.540	11.1	21.7
4 1	14 53.84	− 0 46.2	2.651	3.531	8.9	21.6
4 11	14 47.07	− 0 13.0	2.579	3.521	6.5	21.4
4 21	14 39.02	+ 0 16.3	2.535	3.511	4.6	21.2
5 1	14 30.29	+ 0 38.0	2.520	3.500	4.5	21.2
5 11	14 21.60	+ 0 49.3	2.534	3.488	6.4	21.3
5 21	14 13.62	+ 0 48.3	2.575	3.476	8.9	21.5
5 31	14 6.91	+ 0 34.1	2.642	3.463	11.3	21.6

290048 2005 QD_{47} 4 30.3 289°.66 4°.6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.71	− 3 36.4	2.249	3.064	12.5	20.5
4 1	14 49.39	− 2 37.9	2.163	3.057	9.9	20.3
4 11	14 44.22	− 1 37.0	2.100	3.051	7.2	20.2
4 21	14 37.66	− 0 38.7	2.063	3.044	5.0	20.0
5 1	14 30.39	+ 0 11.8	2.054	3.037	5.0	20.0
5 11	14 23.20	+ 0 49.7	2.071	3.030	7.2	20.1
5 21	14 16.82	+ 1 12.1	2.115	3.024	10.1	20.3
5 31	14 11.87	+ 1 17.5	2.181	3.017	12.8	20.4

407670 2011 SC_{228} 4 30.3 186°.26 2°.1/ 1.8 16

3 22	15 1.62	−22 16.5	1.848	2.622	16.4	22.5
4 1	14 57.10	−22 13.0	1.756	2.623	13.3	22.3
4 11	14 49.89	−21 54.6	1.684	2.622	9.6	22.1
4 21	14 40.59	−21 21.2	1.636	2.621	5.4	21.8
5 1	14 30.18	−20 34.7	1.615	2.619	2.1	21.6
5 11	14 19.86	−19 40.1	1.621	2.617	4.8	21.7
5 21	14 10.76	−18 43.5	1.655	2.613	9.0	22.0
5 31	14 3.77	−17 51.6	1.713	2.609	12.9	22.2

52154 2152 $T\text{-}_1$ 4 30.3 248°.56 0°.2/30.1 18

3 22	14 56.68	−15 16.1	2.204	2.996	13.5	19.2
4 1	14 52.70	−15 9.4	2.106	2.989	10.7	19.0
4 11	14 46.62	−14 54.9	2.030	2.981	7.4	18.7
4 21	14 38.90	−14 33.8	1.980	2.973	3.6	18.5
5 1	14 30.31	−14 8.8	1.958	2.966	0.4	18.2
5 11	14 21.73	−13 43.2	1.964	2.958	4.3	18.5
5 21	14 14.02	−13 20.8	1.998	2.950	8.1	18.7
5 31	14 7.91	−13 5.1	2.056	2.941	11.5	18.9

337761 2001 UB_{130} 4 30.3 223°.96 0°.1/30.1 18

3 22	14 47.85	−14 58.2	4.889	5.663	6.8	21.4
4 1	14 44.57	−14 49.3	4.785	5.658	5.3	21.3
4 11	14 40.42	−14 36.7	4.706	5.653	3.6	21.2
4 21	14 35.65	−14 21.5	4.655	5.648	1.8	21.0
5 1	14 30.56	−14 4.7	4.635	5.642	0.2	20.8
5 11	14 25.50	−13 47.9	4.645	5.637	2.1	21.0
5 21	14 20.78	−13 32.5	4.684	5.631	4.0	21.2
5 31	14 16.68	−13 19.9	4.751	5.625	5.7	21.3

274471 2008 SX_{82} 4 30.3 282°.13 5°.4/25.4 18

3 22	14 54.19	− 5 21.0	1.916	2.736	14.2	20.5
4 1	14 51.12	− 3 57.8	1.812	2.711	11.3	20.3
4 11	14 45.76	− 2 26.9	1.731	2.685	8.2	20.0
4 21	14 38.58	− 0 54.4	1.676	2.659	5.7	19.8
5 1	14 30.34	+ 0 31.9	1.648	2.632	5.9	19.8
5 11	14 22.01	+ 1 44.3	1.647	2.606	8.8	19.9
5 21	14 14.54	+ 2 36.8	1.670	2.579	12.3	20.0
5 31	14 8.77	+ 3 6.3	1.715	2.551	15.8	20.2

386507 2009 BZ_{87} 4 30.3 67°.39 1°.6/29.0 17

3 22	14 55.04	−12 4.4	2.122	2.926	13.6	21.5
4 1	14 51.36	−11 38.7	2.036	2.927	10.6	21.3
4 11	14 45.63	−11 6.3	1.974	2.929	7.2	21.1
4 21	14 38.38	−10 29.8	1.936	2.930	3.6	20.9
5 1	14 30.37	− 9 53.1	1.927	2.932	1.8	20.8
5 11	14 22.47	− 9 20.4	1.945	2.933	5.0	21.0
5 21	14 15.51	− 8 55.3	1.990	2.935	8.6	21.2
5 31	14 10.13	− 8 40.9	2.060	2.936	11.9	21.4

89309 2001 VN_{36} 4 30.3 232°.26 3°.2/28.2 16 R

3 22	15 0.95	− 9 0.3	1.800	2.607	15.5	20.6
4 1	14 56.58	− 8 25.6	1.703	2.595	12.3	20.4
4 11	14 49.58	− 7 44.3	1.627	2.581	8.5	20.1
4 21	14 40.49	− 7 0.3	1.576	2.567	4.7	19.8
5 1	14 30.21	− 6 18.6	1.552	2.552	3.5	19.7
5 11	14 19.89	− 5 44.9	1.556	2.537	6.9	19.9
5 21	14 10.64	− 5 23.7	1.585	2.521	11.1	20.1
5 31	14 3.38	− 5 18.1	1.638	2.504	15.0	20.3

388711 2007 VS_{109} 4 30.3 176°.50 1°.4/ 1.8 18

3 22	14 55.13	−22 23.1	2.585	3.349	12.5	21.9
4 1	14 51.13	−21 59.8	2.489	3.351	10.0	21.8
4 11	14 45.32	−21 24.4	2.415	3.352	7.2	21.6
4 21	14 38.19	−20 37.9	2.367	3.353	4.0	21.4
5 1	14 30.39	−19 42.7	2.348	3.353	1.4	21.2
5 11	14 22.71	−18 42.7	2.359	3.354	3.5	21.3
5 21	14 15.85	−17 42.5	2.397	3.353	6.7	21.5
5 31	14 10.38	−16 46.9	2.462	3.353	9.7	21.7

12213 1981 QN_3 4 30.3 258°.66 0°.8/29.5 18

3 22	14 53.83	−14 1.1	2.691	3.480	11.4	19.4
4 1	14 50.08	−13 37.6	2.582	3.465	9.0	19.2
4 11	14 44.63	−13 7.2	2.497	3.449	6.2	19.0
4 21	14 37.88	−12 31.6	2.439	3.433	3.0	18.7
5 1	14 30.42	−11 53.7	2.410	3.416	1.0	18.5
5 11	14 22.94	−11 16.8	2.410	3.400	4.0	18.7
5 21	14 16.12	−10 44.4	2.438	3.383	7.2	18.9
5 31	14 10.54	−10 19.6	2.491	3.366	10.2	19.1

215151 1999 VP_{150} 4 30.3 289°.13 0°.9/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.89	−21 30.9	2.382	3.159	13.1	20.3
4 1	14 49.73	−20 54.0	2.264	3.135	10.5	20.1
4 11	14 44.60	−20 2.6	2.168	3.111	7.5	19.9
4 21	14 37.94	−18 58.1	2.097	3.086	4.0	19.6
5 1	14 30.41	−17 43.3	2.055	3.062	0.9	19.3
5 11	14 22.85	−16 23.3	2.042	3.037	3.9	19.5
5 21	14 16.03	−15 3.8	2.057	3.013	7.7	19.7
5 31	14 10.66	−13 50.9	2.097	2.988	11.1	19.9

337638 2001 TL_{111} 4 30.3 237°.21 1°.1/ 1.9 18

3 22	14 50.44	−21 7.6	4.911	5.658	7.2	20.8
4 1	14 46.63	−21 18.2	4.799	5.651	5.8	20.7
4 11	14 41.85	−21 23.8	4.713	5.644	4.1	20.6
4 21	14 36.39	−21 24.6	4.654	5.636	2.4	20.5
5 1	14 30.55	−21 21.2	4.626	5.629	1.1	20.3
5 11	14 24.70	−21 14.6	4.628	5.621	2.1	20.4
5 21	14 19.21	−21 6.4	4.660	5.613	3.8	20.5
5 31	14 14.38	−20 57.9	4.720	5.606	5.5	20.7

193693 2001 FZ_{24} 4 30.3 47°.98 3°.4/27.7 18

3 22	14 54.48	− 9 57.8	1.627	2.452	16.1	19.5
4 1	14 51.29	− 8 58.2	1.567	2.469	12.5	19.3
4 11	14 45.71	− 7 51.2	1.528	2.487	8.5	19.1
4 21	14 38.42	− 6 42.5	1.513	2.506	4.7	18.9
5 1	14 30.40	− 5 38.9	1.525	2.525	3.8	18.9
5 11	14 22.73	− 4 46.9	1.563	2.544	7.0	19.1
5 21	14 16.31	− 4 10.7	1.626	2.563	10.8	19.4
5 31	14 11.84	− 3 52.9	1.711	2.583	14.2	19.6

41423 2000 CU_{24} 4 30.3 338°.01 2°.2/ 1.6 18

3 22	14 53.41	−21 6.6	1.149	1.977	21.2	18.0
4 1	14 52.14	−21 9.9	1.069	1.969	17.2	17.7
4 11	14 47.36	−20 53.2	1.006	1.961	12.4	17.4
4 21	14 39.67	−20 16.4	0.962	1.954	6.9	17.1
5 1	14 30.29	−19 22.4	0.941	1.947	2.3	16.8
5 11	14 20.94	−18 18.7	0.943	1.942	6.3	17.0
5 21	14 13.24	−17 15.2	0.966	1.937	12.0	17.3
5 31	14 8.41	−16 21.6	1.010	1.934	17.2	17.6

192803 1999 VF_{21} 4 30.3 200°.85 1°.6/28.9 17

3 22	14 57.10	−11 32.1	2.495	3.287	12.1	21.4
4 1	14 52.68	−11 5.5	2.399	3.283	9.5	21.2
4 11	14 46.40	−10 33.0	2.326	3.278	6.5	21.0
4 21	14 38.75	− 9 57.2	2.280	3.273	3.3	20.8
5 1	14 30.37	− 9 21.1	2.264	3.268	1.8	20.7
5 11	14 22.06	− 8 48.5	2.276	3.261	4.7	20.9
5 21	14 14.52	− 8 22.7	2.316	3.255	7.9	21.0
5 31	14 8.39	− 8 6.4	2.382	3.248	10.9	21.2

286629 2002 ET_{21} 4 30.3 97°.49 4°.3/27.6 18

3 22	15 1.18	− 7 10.6	1.578	2.395	16.9	21.2
4 1	14 56.57	− 6 19.8	1.519	2.416	13.2	21.0
4 11	14 49.32	− 5 24.7	1.480	2.436	9.1	20.8
4 21	14 40.19	− 4 30.8	1.466	2.455	5.4	20.6
5 1	14 30.27	− 3 44.5	1.479	2.475	4.6	20.6
5 11	14 20.78	− 3 11.5	1.518	2.493	7.7	20.8
5 21	14 12.73	− 2 55.3	1.582	2.512	11.5	21.1
5 31	14 6.86	− 2 57.1	1.668	2.529	15.0	21.4

406525 2007 VQ_{253} 4 30.3 136°.25 3°.6/27.4 18

3 22	15 0.33	− 7 33.8	2.069	2.870	14.0	22.3
4 1	14 55.33	− 6 39.4	1.998	2.887	10.9	22.1
4 11	14 48.22	− 5 40.5	1.950	2.902	7.5	21.9
4 21	14 39.60	− 4 41.7	1.929	2.917	4.4	21.7
5 1	14 30.32	− 3 48.3	1.936	2.931	3.9	21.7
5 11	14 21.31	− 3 5.2	1.972	2.944	6.5	21.9
5 21	14 13.40	− 2 36.0	2.034	2.956	9.8	22.1
5 31	14 7.21	− 2 22.4	2.120	2.967	12.8	22.3

69729 1998 HE_{149} 4 30.3 318°.13 0°.4/30.1 18

3 22	14 59.26	−12 34.5	1.621	2.433	16.7	18.6
4 1	14 55.74	−12 59.7	1.522	2.416	13.4	18.3
4 11	14 49.33	−13 20.4	1.444	2.399	9.3	18.0
4 21	14 40.52	−13 37.5	1.389	2.383	4.6	17.7
5 1	14 30.23	−13 52.4	1.360	2.367	0.6	17.4
5 11	14 19.76	−14 7.5	1.357	2.352	5.6	17.7
5 21	14 10.39	−14 25.5	1.380	2.337	10.5	17.9
5 31	14 3.22	−14 49.3	1.425	2.323	14.9	18.1

294621 2008 AQ_{34} 4 30.3 111°.02 6°.3/24.5 18

3 22	14 54.32	+ 2 57.5	2.312	3.122	12.4	20.6
4 1	14 50.51	+ 3 55.8	2.239	3.124	10.1	20.5
4 11	14 44.90	+ 4 51.1	2.190	3.126	7.8	20.3
4 21	14 37.98	+ 5 38.0	2.166	3.128	6.4	20.2
5 1	14 30.44	+ 6 11.7	2.170	3.130	6.7	20.3
5 11	14 23.05	+ 6 28.5	2.199	3.132	8.5	20.4
5 21	14 16.50	+ 6 26.9	2.254	3.134	10.8	20.5
5 31	14 11.37	+ 6 7.1	2.331	3.136	13.1	20.7

41710 2000 UZ_{59} 4 30.3 159°.91 2°.2/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.28	−21 54.4	1.807	2.585	16.6	19.8
4 1	14 56.84	−21 57.5	1.721	2.590	13.4	19.6
4 11	14 49.71	−21 46.4	1.655	2.594	9.6	19.4
4 21	14 40.52	−21 21.0	1.613	2.599	5.5	19.2
5 1	14 30.25	−20 43.0	1.598	2.602	2.2	18.9
5 11	14 20.13	−19 57.1	1.610	2.605	4.8	19.1
5 21	14 11.26	−19 9.0	1.649	2.608	9.0	19.4
5 31	14 4.54	−18 25.2	1.712	2.610	12.8	19.6

290102 2005 QS_{113} 4 30.3 171°.67 1°.7/28.5 18

3 22	14 53.52	−10 50.6	2.959	3.751	10.4	21.6
4 1	14 49.51	−10 15.8	2.869	3.754	8.1	21.4
4 11	14 44.04	− 9 36.2	2.804	3.756	5.5	21.3
4 21	14 37.52	− 8 54.4	2.766	3.758	2.8	21.1
5 1	14 30.48	− 8 13.3	2.757	3.760	1.8	21.0
5 11	14 23.53	− 7 36.2	2.779	3.761	4.2	21.2
5 21	14 17.23	− 7 5.8	2.828	3.762	6.9	21.3
5 31	14 12.06	− 6 44.4	2.903	3.762	9.3	21.5

313701 2003 UN_{3} 4 30.3 67°.01 8°.5/ 7.9 18

3 22	14 58.91	−42 26.5	1.048	1.797	27.7	19.6
4 1	14 57.28	−41 33.7	0.974	1.804	24.2	19.4
4 11	14 51.06	−39 47.0	0.912	1.812	19.7	19.1
4 21	14 41.37	−36 59.4	0.867	1.820	14.6	18.8
5 1	14 30.20	−33 13.5	0.844	1.829	9.9	18.6
5 11	14 19.89	−28 47.5	0.845	1.837	8.8	18.6
5 21	14 12.21	−24 10.9	0.872	1.845	12.6	18.8
5 31	14 8.17	−19 53.6	0.923	1.854	17.6	19.1

61881 2000 QS_{217} 4 30.3 226°.43 0°.4/30.0 18

3 22	14 56.32	−14 11.1	2.694	3.477	11.5	19.6
4 1	14 51.99	−14 8.6	2.592	3.470	9.1	19.4
4 11	14 45.92	−14 0.3	2.514	3.463	6.3	19.2
4 21	14 38.52	−13 47.7	2.463	3.456	3.1	19.0
5 1	14 30.41	−13 32.5	2.441	3.448	0.5	18.7
5 11	14 22.31	−13 17.3	2.449	3.441	3.7	19.0
5 21	14 14.91	−13 4.8	2.485	3.433	7.0	19.2
5 31	14 8.81	−12 57.5	2.546	3.424	9.8	19.3

303892 2005 TY_{98} 4 30.3 9°.94 2°.6/ 2.3 17

3 22	14 54.95	−22 46.4	2.041	2.820	14.9	20.4
4 1	14 51.60	−23 1.2	1.953	2.821	12.1	20.2
4 11	14 45.99	−23 3.6	1.886	2.823	8.8	20.0
4 21	14 38.65	−22 53.1	1.842	2.825	5.3	19.8
5 1	14 30.40	−22 31.1	1.825	2.828	2.7	19.6
5 11	14 22.23	−22 0.8	1.836	2.831	4.4	19.8
5 21	14 15.07	−21 26.6	1.873	2.834	7.9	20.0
5 31	14 9.66	−20 53.7	1.934	2.838	11.3	20.2

122311 2000 QL_{9} 4 30.3 241°.51 3°.6/ 2.9 18

3 22	14 59.62	−25 21.2	2.128	2.885	15.0	20.0
4 1	14 55.42	−25 41.9	2.021	2.873	12.4	19.8
4 11	14 48.75	−25 49.3	1.935	2.861	9.4	19.5
4 21	14 40.10	−25 41.8	1.873	2.848	6.0	19.3
5 1	14 30.29	−25 19.6	1.838	2.835	3.6	19.1
5 11	14 20.41	−24 45.1	1.831	2.822	4.9	19.2
5 21	14 11.48	−24 3.0	1.851	2.808	8.3	19.4
5 31	14 4.39	−23 19.3	1.896	2.794	11.7	19.5

297664 2001 UP_{53} 4 30.3 165°.50 0°.9/29.4 18

3 22	14 55.02	−13 25.6	2.808	3.593	11.1	21.8
4 1	14 50.79	−13 0.0	2.717	3.598	8.7	21.6
4 11	14 44.97	−12 28.4	2.651	3.602	5.9	21.5
4 21	14 38.00	−11 52.7	2.612	3.605	2.9	21.3
5 1	14 30.46	−11 15.7	2.602	3.608	1.1	21.1
5 11	14 23.03	−10 40.6	2.622	3.611	3.9	21.3
5 21	14 16.30	−10 10.6	2.671	3.613	6.8	21.5
5 31	14 10.81	− 9 48.1	2.745	3.615	9.5	21.7

343980 2011 LZ_{26} 4 30.3 295°.58 8°.4/23.9 17

3 22	14 56.71	+ 5 33.2	1.882	2.697	14.6	20.6
4 1	14 53.07	+ 6 33.2	1.794	2.678	12.2	20.4
4 11	14 47.07	+ 7 28.6	1.727	2.659	9.9	20.3
4 21	14 39.23	+ 8 12.3	1.684	2.640	8.5	20.1
5 1	14 30.37	+ 8 37.6	1.667	2.621	8.9	20.1
5 11	14 21.51	+ 8 39.6	1.674	2.602	11.0	20.2
5 21	14 13.61	+ 8 16.6	1.704	2.583	13.7	20.3
5 31	14 7.49	+ 7 29.5	1.755	2.564	16.5	20.5

33161 1998 DE_{35} 4 30.3 104°.75 2°.0/28.8 18

3 22	14 56.99	−11 47.8	1.887	2.695	14.9	18.8
4 1	14 53.09	−11 14.4	1.810	2.703	11.6	18.6
4 11	14 46.91	−10 33.5	1.755	2.711	7.9	18.3
4 21	14 39.06	− 9 48.5	1.725	2.719	4.0	18.1
5 1	14 30.40	− 9 4.1	1.723	2.727	2.2	18.0
5 11	14 21.95	− 8 25.1	1.748	2.734	5.6	18.2
5 21	14 14.59	− 7 56.0	1.799	2.742	9.5	18.5
5 31	14 9.05	− 7 39.7	1.873	2.749	12.9	18.7

44908 1999 VR_{24} 4 30.3 210°.72 0°.1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.04	−17 27.8	1.957	2.746	15.1	20.8
4 1	14 54.88	−17 8.0	1.861	2.741	12.0	20.6
4 11	14 48.29	−16 36.6	1.786	2.735	8.4	20.3
4 21	14 39.83	−15 55.0	1.736	2.728	4.2	20.1
5 1	14 30.34	−15 6.6	1.714	2.721	0.3	19.7
5 11	14 20.91	−14 16.2	1.720	2.714	4.7	20.1
5 21	14 12.52	−13 29.4	1.753	2.706	9.0	20.3
5 31	14 5.99	−12 51.1	1.810	2.697	12.8	20.5

245785 2006 HS_{6} 4 30.3 346°.80 2°.2/ 1.8 17

3 22	14 53.07	−22 54.6	1.259	2.076	20.3	19.5
4 1	14 51.52	−22 38.9	1.178	2.071	16.5	19.2
4 11	14 46.70	−22 0.6	1.115	2.067	11.9	18.9
4 21	14 39.26	−21 0.1	1.073	2.063	6.7	18.6
5 1	14 30.38	−19 41.6	1.054	2.060	2.3	18.3
5 11	14 21.64	−18 13.8	1.059	2.058	5.9	18.6
5 21	14 14.45	−16 47.5	1.087	2.056	11.2	18.8
5 31	14 9.91	−15 32.8	1.136	2.055	16.1	19.1

467971 2012 KS_{45} 4 30.3 323°.35 5°.8/26.2 17

3 22	14 52.09	− 5 50.6	1.450	2.291	16.9	20.5
4 1	14 50.12	− 4 42.4	1.364	2.275	13.4	20.2
4 11	14 45.42	− 3 27.1	1.300	2.260	9.6	20.0
4 21	14 38.54	− 2 11.6	1.258	2.245	6.4	19.7
5 1	14 30.43	− 1 4.8	1.240	2.231	6.3	19.7
5 11	14 22.35	− 0 14.9	1.247	2.218	9.6	19.8
5 21	14 15.44	+ 0 12.2	1.276	2.205	13.7	20.0
5 31	14 10.67	+ 0 14.2	1.325	2.194	17.7	20.2

406507 2007 VN_{148} 4 30.3 188°.55 1°.2/29.5 16

3 22	15 0.79	−13 32.0	1.992	2.785	14.7	22.2
4 1	14 56.09	−13 9.5	1.901	2.785	11.6	22.0
4 11	14 49.03	−12 38.5	1.832	2.784	8.0	21.8
4 21	14 40.15	−12 1.5	1.788	2.782	3.9	21.5
5 1	14 30.33	−11 22.1	1.773	2.779	1.4	21.4
5 11	14 20.59	−10 44.9	1.786	2.776	5.2	21.6
5 21	14 11.91	−10 14.4	1.826	2.772	9.2	21.8
5 31	14 5.08	− 9 54.3	1.891	2.767	12.8	22.0

430953 2005 UN_{482} 4 30.3 135°.18 2°.9/ 2.4 16

3 22	15 2.52	−23 16.3	2.146	2.904	14.9	22.3
4 1	14 57.38	−23 41.9	2.061	2.916	12.1	22.1
4 11	14 49.86	−23 55.6	1.997	2.926	8.9	21.9
4 21	14 40.54	−23 56.5	1.958	2.937	5.4	21.7
5 1	14 30.30	−23 45.0	1.946	2.946	3.0	21.6
5 11	14 20.20	−23 23.8	1.964	2.956	4.5	21.7
5 21	14 11.19	−22 56.9	2.009	2.964	7.8	21.9
5 31	14 4.06	−22 29.3	2.079	2.973	11.1	22.1

216905 2009 HR_{95} 4 30.3 315°.47 1°.3/29.3 17

3 22	14 53.27	−13 6.4	2.092	2.899	13.6	20.8
4 1	14 50.16	−12 43.2	1.995	2.887	10.8	20.6
4 11	14 44.96	−12 12.2	1.920	2.876	7.4	20.3
4 21	14 38.16	−11 35.8	1.871	2.865	3.6	20.1
5 1	14 30.47	−10 57.7	1.848	2.854	1.5	19.9
5 11	14 22.81	−10 22.3	1.854	2.844	5.0	20.1
5 21	14 16.01	− 9 53.7	1.885	2.834	8.8	20.3
5 31	14 10.78	− 9 35.3	1.941	2.824	12.2	20.5

427990 2006 AZ_{54} 4 30.3 17°.25 6°.6/26.1 17

3 22	14 51.60	− 3 53.6	1.294	2.144	18.0	20.2
4 1	14 49.70	− 2 45.7	1.237	2.151	14.2	20.0
4 11	14 44.99	− 1 35.5	1.200	2.160	10.2	19.8
4 21	14 38.21	− 0 31.2	1.185	2.170	7.1	19.7
5 1	14 30.48	+ 0 18.6	1.194	2.181	7.0	19.7
5 11	14 23.08	+ 0 47.2	1.225	2.194	10.0	19.9
5 21	14 17.11	+ 0 51.5	1.279	2.207	13.8	20.1
5 31	14 13.36	+ 0 31.6	1.352	2.222	17.3	20.4

168946 2000 YY_{135} 4 30.3 133°.70 1°.8/ 1.6 18

3 22	15 3.07	−20 44.7	1.922	2.695	15.9	21.3
4 1	14 57.96	−20 51.5	1.841	2.709	12.8	21.1
4 11	14 50.32	−20 46.1	1.782	2.722	9.1	20.9
4 21	14 40.77	−20 28.3	1.748	2.734	5.0	20.7
5 1	14 30.30	−20 0.1	1.741	2.746	1.8	20.5
5 11	14 20.04	−19 25.2	1.763	2.757	4.5	20.7
5 21	14 11.04	−18 48.8	1.811	2.768	8.5	21.0
5 31	14 4.08	−18 16.2	1.885	2.778	12.1	21.2

258102 2001 QO_{170} 4 30.3 101°.79 1°.8/28.4 18

3 22	14 59.47	−16 34.7	2.064	2.851	14.5	20.4
4 1	14 54.56	−14 53.1	1.996	2.878	11.2	20.2
4 11	14 47.61	−12 58.2	1.952	2.904	7.5	20.0
4 21	14 39.27	−10 55.7	1.936	2.929	3.7	19.8
5 1	14 30.42	− 8 53.0	1.950	2.954	2.1	19.7
5 11	14 21.98	− 6 58.6	1.995	2.978	5.5	20.0
5 21	14 14.71	− 5 19.0	2.069	3.001	9.1	20.3
5 31	14 9.20	− 3 58.7	2.168	3.024	12.2	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
262169 2006 SW_{110}			4 30.3 205°.13		2°.8/28.3 17	
	h m	° ′			°	m
3 22	15 0.20	− 8 34.5	2.121	2.920	13.8	21.3
4 1	14 55.47	− 8 4.8	2.027	2.914	10.9	21.1
4 11	14 48.53	− 7 30.3	1.956	2.909	7.5	20.9
4 21	14 39.90	− 6 54.4	1.911	2.902	4.1	20.7
5 1	14 30.36	− 6 21.1	1.895	2.895	3.0	20.6
5 11	14 20.88	− 5 54.7	1.907	2.887	6.0	20.8
5 21	14 12.34	− 5 38.8	1.946	2.878	9.6	21.0
5 31	14 5.49	− 5 35.5	2.009	2.869	12.9	21.2
228349 2000 SU_{278}			4 30.3 157°.36		0°.7/29.7 17	
3 22	14 59.83	−13 22.3	2.655	3.433	11.8	21.5
4 1	14 54.61	−13 10.8	2.567	3.443	9.3	21.4
4 11	14 47.61	−12 53.6	2.503	3.451	6.3	21.2
4 21	14 39.33	−12 32.3	2.466	3.459	3.1	21.0
5 1	14 30.41	−12 9.2	2.460	3.466	0.9	20.8
5 11	14 21.62	−11 47.3	2.483	3.472	3.9	21.0
5 21	14 13.65	−11 29.3	2.535	3.478	7.1	21.2
5 31	14 7.07	−11 17.7	2.613	3.483	9.9	21.4
341741 2007 VG_{265}			4 30.3 94°.71		0°.1/30.3 17	
3 22	14 56.68	−15 50.9	2.291	3.079	13.2	21.4
4 1	14 52.46	−15 42.6	2.211	3.091	10.4	21.2
4 11	14 46.29	−15 26.5	2.154	3.103	7.1	21.0
4 21	14 38.71	−15 4.0	2.123	3.115	3.5	20.8
5 1	14 30.46	−14 37.7	2.119	3.127	0.3	20.6
5 11	14 22.37	−14 11.0	2.145	3.138	4.0	20.9
5 21	14 15.21	−13 47.4	2.198	3.150	7.5	21.1
5 31	14 9.59	−13 30.1	2.276	3.161	10.6	21.4
141351 2002 AE_{25}			4 30.3 69°.95		2°.4/28.2 18	
3 22	14 53.56	−10 2.0	2.274	3.080	12.7	20.0
4 1	14 49.99	− 9 22.1	2.196	3.089	9.9	19.8
4 11	14 44.59	− 8 36.9	2.141	3.097	6.7	19.6
4 21	14 37.87	− 7 49.6	2.113	3.105	3.6	19.4
5 1	14 30.52	− 7 4.6	2.112	3.113	2.6	19.4
5 11	14 23.33	− 6 26.1	2.140	3.122	5.3	19.6
5 21	14 17.02	− 5 57.4	2.194	3.130	8.5	19.8
5 31	14 12.15	− 5 40.9	2.273	3.138	11.4	20.0
286363 2001 XB_{150}			4 30.3 96°.06		1°.1/29.6 18	
3 22	15 2.57	−14 4.8	1.547	2.353	17.7	21.8
4 1	14 57.85	−13 44.1	1.483	2.374	13.9	21.6
4 11	14 50.33	−13 13.4	1.439	2.394	9.4	21.4
4 21	14 40.77	−12 35.8	1.420	2.414	4.6	21.2
5 1	14 30.32	−11 55.9	1.427	2.434	1.3	21.0
5 11	14 20.28	−11 19.2	1.461	2.453	5.8	21.3
5 21	14 11.76	−10 50.9	1.521	2.472	10.3	21.6
5 31	14 5.57	−10 34.8	1.603	2.490	14.1	21.9
156479 2002 CR_{60}			4 30.3 353°.75		4°.4/28.2 18	
3 22	14 55.39	− 5 38.3	1.361	2.200	17.9	18.7
4 1	14 52.84	− 5 24.7	1.285	2.194	14.2	18.5
4 11	14 47.33	− 5 9.6	1.229	2.190	10.0	18.2
4 21	14 39.49	− 4 57.6	1.195	2.186	5.9	17.9
5 1	14 30.40	− 4 54.1	1.184	2.183	4.7	17.9
5 11	14 21.42	− 5 3.5	1.199	2.182	8.2	18.1
5 21	14 13.80	− 5 28.3	1.236	2.182	12.6	18.3
5 31	14 8.53	− 6 9.1	1.293	2.183	16.7	18.5
372395 2009 QH_{35}			4 30.3 131°.72		4°.8/26.2 17	
3 22	14 56.06	− 5 50.9	1.910	2.726	14.4	21.6
4 1	14 52.27	− 4 34.6	1.837	2.734	11.3	21.4
4 11	14 46.30	− 3 13.6	1.788	2.741	8.0	21.2
4 21	14 38.75	− 1 54.2	1.764	2.748	5.3	21.1
5 1	14 30.46	− 0 43.0	1.768	2.755	5.2	21.1
5 11	14 22.40	+ 0 13.6	1.799	2.762	7.8	21.2
5 21	14 15.40	+ 0 51.8	1.855	2.768	11.1	21.4
5 31	14 10.14	+ 1 9.9	1.934	2.774	14.1	21.6
401063 2011 UP_{46}			4 30.3 288°.15		2°.6/ 2.2 16	
3 22	14 56.29	−24 33.3	1.438	2.234	19.2	20.6
4 1	14 53.70	−24 11.3	1.352	2.231	15.7	20.4
4 11	14 48.01	−23 26.6	1.283	2.227	11.5	20.1
4 21	14 39.86	−22 19.4	1.237	2.223	6.7	19.8
5 1	14 30.38	−20 53.3	1.215	2.219	2.7	19.5
5 11	14 21.04	−19 16.5	1.218	2.216	5.5	19.7
5 21	14 13.17	−17 39.4	1.246	2.212	10.5	20.0
5 31	14 7.78	−16 12.2	1.297	2.208	15.1	20.2
384414 2009 WZ_{167}			4 30.3 114°.22		1°.9/29.1 17	
3 22	14 57.89	−11 20.6	1.885	2.692	14.9	21.7
4 1	14 53.87	−11 0.7	1.804	2.696	11.7	21.4
4 11	14 47.51	−10 34.3	1.745	2.700	8.0	21.2
4 21	14 39.41	−10 4.4	1.711	2.704	4.0	21.0
5 1	14 30.42	− 9 34.7	1.704	2.708	2.1	20.9
5 11	14 21.59	− 9 9.8	1.724	2.712	5.6	21.1
5 21	14 13.86	− 8 53.3	1.771	2.716	9.5	21.3
5 31	14 7.96	− 8 48.1	1.841	2.720	13.0	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
120894 1998 SK_{13}			4 30.3 167°.07		2°.3/28.9 18	
	h m	° ′			°	m
3 22	15 1.73	−11 24.6	1.689	2.495	16.4	20.7
4 1	14 57.18	−10 55.4	1.608	2.500	12.9	20.5
4 11	14 49.95	−10 18.4	1.548	2.503	8.8	20.2
4 21	14 40.66	− 9 36.8	1.513	2.506	4.5	20.0
5 1	14 30.33	− 8 55.5	1.505	2.509	2.5	19.9
5 11	14 20.18	− 8 20.2	1.524	2.511	6.3	20.1
5 21	14 11.32	− 7 55.4	1.569	2.512	10.6	20.3
5 31	14 4.59	− 7 44.5	1.636	2.512	14.5	20.6
228512 2001 TH_{104}			4 30.3 188°.96		0°.5/29.9 18	
3 22	14 56.63	−17 37.6	2.189	2.975	13.8	21.3
4 1	14 52.61	−16 47.0	2.095	2.974	10.9	21.1
4 11	14 46.51	−15 43.8	2.023	2.973	7.5	20.8
4 21	14 38.88	−14 30.6	1.978	2.971	3.6	20.6
5 1	14 30.46	−13 12.0	1.962	2.969	0.7	20.3
5 11	14 22.18	−11 53.8	1.975	2.966	4.6	20.6
5 21	14 14.84	−10 42.1	2.016	2.963	8.4	20.9
5 31	14 9.13	− 9 41.7	2.082	2.959	11.7	21.1
131951 2002 CS_{33}			4 30.3 142°.08		0°.3/30.1 18	
3 22	15 3.05	−15 14.5	1.822	2.613	16.0	20.9
4 1	14 58.01	−15 6.6	1.743	2.624	12.6	20.6
4 11	14 50.39	−14 49.6	1.685	2.635	8.7	20.4
4 21	14 40.83	−14 25.0	1.652	2.645	4.3	20.2
5 1	14 30.33	−13 55.8	1.647	2.654	0.5	19.9
5 11	14 20.05	−13 26.4	1.669	2.662	5.0	20.3
5 21	14 11.03	−13 1.5	1.719	2.670	9.3	20.5
5 31	14 4.09	−12 44.9	1.793	2.677	13.0	20.8
270556 2002 GX_{182}			4 30.3 353°.27		0°.3/30.2 17	
3 22	14 55.23	−15 8.9	1.572	2.389	16.9	20.6
4 1	14 52.42	−15 7.1	1.489	2.385	13.5	20.3
4 11	14 46.90	−14 55.5	1.426	2.382	9.3	20.1
4 21	14 39.24	−14 35.7	1.386	2.380	4.6	19.8
5 1	14 30.44	−14 11.1	1.371	2.378	0.5	19.5
5 11	14 21.72	−13 46.2	1.382	2.377	5.4	19.8
5 21	14 14.22	−13 26.2	1.417	2.377	10.1	20.1
5 31	14 8.86	−13 15.3	1.476	2.377	14.2	20.3
379985 2012 TM_{191}			4 30.3 315°.41		2°.1/ 3.2 18	
3 22	14 49.28	−25 42.0	4.030	4.769	8.7	21.0
4 1	14 46.04	−25 46.7	3.919	4.760	7.2	20.9
4 11	14 41.63	−25 43.5	3.832	4.751	5.4	20.7
4 21	14 36.37	−25 32.3	3.771	4.742	3.5	20.6
5 1	14 30.66	−25 13.8	3.739	4.734	2.2	20.5
5 11	14 24.96	−24 49.7	3.736	4.725	2.8	20.5
5 21	14 19.70	−24 22.1	3.762	4.717	4.5	20.6
5 31	14 15.27	−23 53.4	3.815	4.709	6.5	20.8
312601 2009 KW_{35}			4 30.3 269°.13		6°.7/23.4 16	
3 22	14 53.59	+ 5 10.0	2.494	3.299	11.7	20.9
4 1	14 49.95	+ 6 13.8	2.408	3.287	9.7	20.7
4 11	14 44.57	+ 7 14.2	2.346	3.274	7.8	20.6
4 21	14 37.90	+ 8 5.9	2.310	3.261	6.8	20.5
5 1	14 30.55	+ 8 43.8	2.300	3.248	7.2	20.5
5 11	14 23.25	+ 9 4.1	2.317	3.235	8.9	20.6
5 21	14 16.68	+ 9 5.1	2.359	3.221	11.0	20.7
5 31	14 11.41	+ 8 46.8	2.422	3.208	13.2	20.8
407342 2010 RN_{48}			4 30.3 121°.29		3°.3/27.5 18	
3 22	14 58.70	− 9 28.9	2.006	2.810	14.2	22.2
4 1	14 54.13	− 8 22.6	1.938	2.829	11.1	22.0
4 11	14 47.45	− 7 9.8	1.893	2.847	7.6	21.8
4 21	14 39.28	− 5 55.6	1.874	2.864	4.3	21.6
5 1	14 30.47	− 4 45.8	1.884	2.880	3.6	21.6
5 11	14 21.95	− 3 46.4	1.922	2.896	6.4	21.8
5 21	14 14.55	− 3 1.4	1.986	2.911	9.8	22.0
5 31	14 8.88	− 2 33.3	2.074	2.926	12.8	22.3
330082 2005 WZ_{53}			4 30.3 62°.19		14°.5/28.1 17	
3 22	15 17.67	+15 3.7	1.047	1.853	24.3	20.8
4 1	15 11.08	+15 21.8	0.993	1.860	21.0	20.6
4 11	15 0.09	+15 14.2	0.954	1.868	17.7	20.4
4 21	14 45.79	+14 29.4	0.934	1.877	15.1	20.3
5 1	14 30.01	+13 0.2	0.935	1.885	14.6	20.3
5 11	14 14.99	+10 48.4	0.960	1.894	16.4	20.4
5 21	14 2.55	+ 8 4.0	1.006	1.902	19.6	20.6
5 31	13 53.84	+ 4 59.7	1.072	1.911	22.9	20.8
491678 2012 UL_{31}			4 30.3 129°.21		0°.7/29.8 17	
3 22	14 57.69	−13 14.4	2.427	3.215	12.5	21.9
4 1	14 53.15	−13 9.8	2.342	3.223	9.8	21.7
4 11	14 46.74	−12 59.6	2.280	3.231	6.7	21.5
4 21	14 38.95	−12 45.3	2.245	3.238	3.3	21.3
5 1	14 30.49	−12 29.2	2.238	3.245	0.8	21.1
5 11	14 22.14	−12 14.3	2.261	3.252	4.1	21.4
5 21	14 14.65	−12 3.3	2.311	3.259	7.5	21.6
5 31	14 8.63	−11 58.6	2.387	3.265	10.4	21.8

212845 2007 VD_2 4 30.3 265.°95 3.°4/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.15	−23 0.7	1.615	2.400	17.9	20.9
4 1	14 56.67	−23 23.9	1.515	2.386	14.8	20.6
4 11	14 50.12	−23 32.5	1.434	2.373	10.9	20.3
4 21	14 41.00	−23 24.7	1.376	2.359	6.7	20.1
5 1	14 30.32	−23 0.6	1.343	2.345	3.4	19.8
5 11	14 19.49	−22 23.5	1.336	2.331	5.7	19.9
5 21	14 9.89	−21 39.6	1.354	2.316	10.2	20.1
5 31	14 2.67	−20 56.5	1.395	2.302	14.5	20.4

3667 Anne–Marie 4 30.3 134.°53 4.°3/ 4.5 18

3 22	15 0.33	−30 34.2	2.899	3.610	12.4	18.0
4 1	14 55.17	−31 6.4	2.809	3.623	10.4	17.9
4 11	14 48.11	−31 26.1	2.740	3.635	8.2	17.8
4 21	14 39.63	−31 31.9	2.696	3.647	6.0	17.6
5 1	14 30.44	−31 23.4	2.680	3.658	4.4	17.5
5 11	14 21.33	−31 2.4	2.693	3.669	4.7	17.6
5 21	14 13.04	−30 31.8	2.735	3.680	6.6	17.7
5 31	14 6.22	−29 56.1	2.803	3.690	8.8	17.9

17626 1996 AG_2 4 30.3 172.°05 5.°2/ 5.6 18

3 22	14 57.36	−33 51.3	2.736	3.439	13.2	17.9
4 1	14 53.10	−34 15.7	2.637	3.441	11.3	17.8
4 11	14 46.84	−34 25.3	2.559	3.442	9.1	17.6
4 21	14 39.06	−34 18.0	2.504	3.443	7.0	17.5
5 1	14 30.48	−33 53.7	2.475	3.444	5.4	17.4
5 11	14 21.95	−33 14.2	2.475	3.445	5.5	17.4
5 21	14 14.28	−32 23.3	2.501	3.445	7.1	17.5
5 31	14 8.14	−31 26.2	2.554	3.446	9.3	17.6

104441 2000 GQ 4 30.3 170.°61 0.°8/29.7 18

3 22	14 55.45	−14 44.2	2.269	3.063	13.1	19.7
4 1	14 51.59	−14 18.1	2.180	3.065	10.3	19.5
4 11	14 45.78	−13 43.6	2.114	3.066	7.0	19.3
4 21	14 38.52	−13 3.0	2.073	3.067	3.4	19.0
5 1	14 30.52	−12 19.7	2.061	3.068	0.9	18.9
5 11	14 22.63	−11 37.9	2.077	3.068	4.4	19.1
5 21	14 15.61	−11 1.6	2.121	3.069	8.0	19.3
5 31	14 10.12	−10 34.3	2.189	3.069	11.2	19.5

125808 2001 XR_{160} 4 30.3 310.°00 2.°0/ 1.6 18

3 22	14 54.68	−21 16.5	1.309	2.125	19.7	19.2
4 1	14 52.87	−21 13.1	1.217	2.110	16.1	18.9
4 11	14 47.77	−20 50.7	1.143	2.095	11.6	18.6
4 21	14 39.91	−20 8.9	1.090	2.081	6.5	18.3
5 1	14 30.40	−19 10.5	1.060	2.067	2.0	17.9
5 11	14 20.80	−18 2.4	1.055	2.053	6.0	18.1
5 21	14 12.61	−16 53.8	1.072	2.040	11.5	18.4
5 31	14 7.07	−15 54.2	1.111	2.028	16.6	18.7

338152 2002 QS_{132} 4 30.3 226.°59 1.°8/ 2.0 18

3 22	14 55.82	−23 0.8	2.416	3.181	13.2	21.7
4 1	14 51.95	−22 44.6	2.312	3.173	10.7	21.5
4 11	14 46.08	−22 15.2	2.229	3.165	7.8	21.3
4 21	14 38.70	−21 33.3	2.172	3.156	4.5	21.1
5 1	14 30.51	−20 40.9	2.143	3.147	1.8	20.9
5 11	14 22.35	−19 42.0	2.142	3.137	3.8	21.0
5 21	14 15.03	−18 41.4	2.170	3.128	7.2	21.2
5 31	14 9.22	−17 44.5	2.224	3.117	10.4	21.4

129585 1997 SM_{21} 4 30.3 35.°33 1.°6/ 1.2 17

3 22	14 59.55	−18 31.5	1.305	2.120	19.8	20.6
4 1	14 56.41	−18 50.4	1.232	2.125	15.9	20.4
4 11	14 49.94	−18 55.9	1.178	2.131	11.3	20.1
4 21	14 40.84	−18 48.0	1.146	2.137	6.0	19.8
5 1	14 30.36	−18 28.6	1.137	2.144	1.6	19.5
5 11	14 20.08	−18 2.7	1.153	2.151	5.8	19.8
5 21	14 11.45	−17 36.6	1.193	2.158	10.9	20.1
5 31	14 5.51	−17 16.7	1.255	2.166	15.5	20.4

219571 2001 SU_{132} 4 30.3 193.°84 4.°1/ 3.5 18

3 22	15 2.13	−27 38.1	2.372	3.106	14.3	22.0
4 1	14 57.10	−28 4.2	2.270	3.104	11.9	21.9
4 11	14 49.75	−28 17.0	2.188	3.101	9.1	21.7
4 21	14 40.57	−28 14.8	2.132	3.098	6.2	21.5
5 1	14 30.38	−27 57.2	2.103	3.094	4.2	21.3
5 11	14 20.18	−27 26.4	2.103	3.089	5.0	21.4
5 21	14 10.93	−26 46.4	2.131	3.083	7.7	21.5
5 31	14 3.44	−26 2.8	2.185	3.077	10.7	21.7

425266 2009 WB_{113} 4 30.3 86.°73 1.°8/ 2.0 17

3 22	14 56.20	−24 14.7	1.898	2.674	16.0	21.2
4 1	14 52.58	−23 36.5	1.819	2.687	12.9	21.0
4 11	14 46.61	−22 40.2	1.761	2.700	9.2	20.8
4 21	14 38.94	−21 27.6	1.727	2.713	5.2	20.6
5 1	14 30.51	−20 2.9	1.720	2.726	1.9	20.4
5 11	14 22.36	−18 32.8	1.742	2.738	4.3	20.6
5 21	14 15.41	−17 4.9	1.791	2.751	8.3	20.8
5 31	14 10.35	−15 46.0	1.865	2.763	11.9	21.1

379836 2011 QF 4 30.3 261.°78 4.°5/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 50.59	−41 3.2	4.657	5.292	8.9	20.2
4 1	14 47.04	−41 13.6	4.548	5.290	7.8	20.1
4 11	14 42.30	−41 12.6	4.459	5.287	6.7	20.0
4 21	14 36.70	−40 59.3	4.394	5.284	5.5	19.9
5 1	14 30.66	−40 33.5	4.354	5.281	4.7	19.8
5 11	14 24.68	−39 56.5	4.342	5.279	4.5	19.8
5 21	14 19.20	−39 10.2	4.357	5.276	5.1	19.8
5 31	14 14.61	−38 17.5	4.400	5.273	6.1	19.9

71154 1999 XJ_{192} 4 30.3 229.°17 0.°5/29.9 18

3 22	14 58.26	−14 4.3	2.192	2.983	13.6	19.0
4 1	14 53.98	−14 0.3	2.095	2.977	10.8	18.8
4 11	14 47.55	−13 49.4	2.020	2.971	7.4	18.5
4 21	14 39.46	−13 33.2	1.971	2.964	3.6	18.3
5 1	14 30.47	−13 13.9	1.950	2.957	0.7	18.0
5 11	14 21.49	−12 55.0	1.957	2.950	4.5	18.3
5 21	14 13.39	−12 39.7	1.992	2.942	8.3	18.5
5 31	14 6.93	−12 31.4	2.052	2.935	11.7	18.7

128567 2004 PJ_{93} 4 30.3 101.°94 2.°1/28.7 17

3 22	14 56.45	−12 20.8	1.845	2.655	15.1	20.0
4 1	14 52.74	−11 38.1	1.769	2.663	11.8	19.8
4 11	14 46.72	−10 46.6	1.715	2.671	8.0	19.6
4 21	14 39.02	− 9 50.3	1.685	2.679	4.0	19.3
5 1	14 30.50	− 8 54.4	1.683	2.687	2.3	19.2
5 11	14 22.20	− 8 4.4	1.708	2.694	5.8	19.5
5 21	14 15.02	− 7 25.4	1.759	2.702	9.7	19.7
5 31	14 9.67	− 7 0.5	1.834	2.709	13.2	19.9

517603 2014 WT_{421} 4 30.3 87.°67 0.°8/29.7 15

3 22	14 57.71	−15 55.7	1.865	2.664	15.4	21.8
4 1	14 53.60	−15 15.8	1.797	2.684	12.0	21.6
4 11	14 47.21	−14 24.9	1.751	2.704	8.2	21.4
4 21	14 39.20	−13 26.3	1.730	2.724	3.9	21.2
5 1	14 30.50	−12 24.8	1.736	2.743	1.0	21.0
5 11	14 22.12	−11 26.3	1.771	2.762	5.0	21.4
5 21	14 14.94	−10 36.0	1.832	2.781	8.9	21.6
5 31	14 9.62	− 9 58.1	1.917	2.800	12.4	21.9

303911 2005 UB_{22} 4 30.3 24.°34 0.°7/ 1.0 17

3 22	14 52.62	−20 21.1	2.333	3.115	13.1	20.3
4 1	14 49.38	−19 47.5	2.241	3.117	10.5	20.1
4 11	14 44.27	−19 1.5	2.173	3.118	7.3	19.9
4 21	14 37.77	−18 4.9	2.129	3.120	3.8	19.7
5 1	14 30.59	−17 1.0	2.114	3.121	0.7	19.4
5 11	14 23.54	−15 54.6	2.127	3.123	3.8	19.7
5 21	14 17.35	−14 50.8	2.169	3.125	7.3	19.9
5 31	14 12.61	−13 54.5	2.235	3.127	10.5	20.1

436944 2012 TZ_{135} 4 30.4 314.°77 2.°1/ 1.2 17

3 22	15 2.16	−16 47.0	1.658	2.454	17.1	20.6
4 1	14 58.26	−17 43.4	1.552	2.434	13.9	20.3
4 11	14 51.28	−18 35.2	1.467	2.414	10.0	20.0
4 21	14 41.65	−19 20.8	1.405	2.394	5.6	19.7
5 1	14 30.30	−19 58.8	1.369	2.375	2.1	19.4
5 11	14 18.58	−20 29.5	1.361	2.356	5.5	19.6
5 21	14 7.90	−20 54.8	1.378	2.338	10.3	19.8
5 31	13 59.49	−21 18.4	1.418	2.320	14.7	20.0

500901 2013 MX_3 4 30.4 285.°56 4.°0/27.5 17

3 22	14 55.68	− 9 9.4	1.616	2.441	16.2	21.7
4 1	14 52.83	− 8 14.6	1.517	2.419	12.9	21.4
4 11	14 47.28	− 7 10.3	1.439	2.398	9.0	21.1
4 21	14 39.53	− 6 1.3	1.385	2.377	5.2	20.8
5 1	14 30.48	− 4 54.7	1.357	2.355	4.3	20.7
5 11	14 21.33	− 3 58.1	1.354	2.333	8.0	20.9
5 21	14 13.24	− 3 18.0	1.376	2.312	12.4	21.1
5 31	14 7.20	− 2 58.4	1.419	2.290	16.5	21.2

189273 2005 RY_{26} 4 30.4 236.°74 1.°8/ 1.9 18

3 22	14 57.49	−23 21.7	2.215	2.981	14.3	20.3
4 1	14 53.53	−22 58.4	2.105	2.967	11.6	20.1
4 11	14 47.34	−22 19.9	2.017	2.953	8.4	19.9
4 21	14 39.40	−21 26.5	1.954	2.938	4.8	19.6
5 1	14 30.50	−20 20.6	1.918	2.923	1.8	19.4
5 11	14 21.59	−19 7.0	1.912	2.907	4.2	19.5
5 21	14 13.59	−17 51.8	1.933	2.891	8.0	19.7
5 31	14 7.28	−16 41.4	1.980	2.874	11.5	19.9

271758 2004 SF_1 4 30.4 203.°61 3.°4/27.3 18

3 22	14 56.19	− 7 53.9	2.217	3.023	13.0	21.1
4 1	14 52.20	− 6 58.5	2.128	3.019	10.2	20.9
4 11	14 46.22	− 5 57.5	2.061	3.015	7.1	20.7
4 21	14 38.77	− 4 55.4	2.022	3.010	4.2	20.5
5 1	14 30.55	− 3 57.1	2.010	3.005	3.7	20.5
5 11	14 22.42	− 3 7.9	2.027	2.999	6.3	20.6
5 21	14 15.16	− 2 31.7	2.070	2.993	9.6	20.8
5 31	14 9.42	− 2 10.9	2.137	2.986	12.6	21.0

417502 2006 SC_{119} 4 30.4 217°.52 0°.8/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.28	−18 49.3	2.052	2.832	14.8	22.1
4 1	14 55.85	−18 42.1	1.950	2.824	11.9	21.9
4 11	14 49.00	−18 23.5	1.870	2.815	8.4	21.7
4 21	14 40.25	−17 54.3	1.815	2.805	4.4	21.4
5 1	14 30.44	−17 16.7	1.788	2.795	0.8	21.1
5 11	14 20.63	−16 34.7	1.789	2.784	4.5	21.4
5 21	14 11.80	−15 53.3	1.818	2.773	8.6	21.6
5 31	14 4.80	−15 17.7	1.872	2.761	12.3	21.8

424468 2008 CX_{153} 4 30.4 293°.52 4°.3/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.43	−23 38.2	1.622	2.404	18.0	21.4
4 1	14 56.99	−24 25.1	1.522	2.389	14.9	21.1
4 11	14 50.43	−24 59.5	1.441	2.375	11.2	20.9
4 21	14 41.22	−25 18.6	1.382	2.361	7.2	20.6
5 1	14 30.37	−25 20.7	1.348	2.347	4.4	20.4
5 11	14 19.28	−25 7.7	1.340	2.333	6.1	20.5
5 21	14 9.38	−24 44.2	1.358	2.319	10.3	20.6
5 31	14 1.88	−24 17.1	1.397	2.305	14.5	20.9

452434 2003 FC_{45} 4 30.4 107°.83 3°.8/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 5.98	−24 41.4	1.630	2.397	18.5	21.6
4 1	15 0.76	−25 5.2	1.559	2.418	15.1	21.4
4 11	14 52.50	−25 12.4	1.509	2.439	11.1	21.2
4 21	14 41.96	−25 1.4	1.481	2.459	6.9	21.0
5 1	14 30.34	−24 33.1	1.479	2.479	3.9	20.9
5 11	14 19.09	−23 51.9	1.505	2.497	5.5	21.0
5 21	14 9.45	−23 4.6	1.556	2.515	9.4	21.3
5 31	14 2.33	−22 18.4	1.632	2.532	13.2	21.5

188019 2001 TH_{208} 4 30.4 247°.40 2°.4/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.40	−10 58.7	2.016	2.820	14.2	21.8
4 1	14 53.54	−10 19.8	1.915	2.806	11.2	21.5
4 11	14 47.39	− 9 32.9	1.836	2.790	7.7	21.3
4 21	14 39.45	− 8 41.5	1.782	2.775	4.0	21.0
5 1	14 30.51	− 7 50.2	1.756	2.759	2.6	20.9
5 11	14 21.53	− 7 4.3	1.758	2.742	6.0	21.1
5 21	14 13.47	− 6 28.6	1.787	2.725	9.9	21.3
5 31	14 7.11	− 6 6.7	1.839	2.707	13.5	21.5

261056 2005 SL_{180} 4 30.4 296°.66 2°.9/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.84	−23 24.8	2.265	3.031	14.0	20.4
4 1	14 53.00	−23 47.6	2.164	3.023	11.5	20.2
4 11	14 46.98	−23 59.4	2.084	3.015	8.5	20.0
4 21	14 39.23	−23 59.2	2.029	3.008	5.3	19.8
5 1	14 30.52	−23 47.4	2.000	3.000	2.9	19.6
5 11	14 21.78	−23 26.3	2.000	2.993	4.4	19.7
5 21	14 13.90	−22 59.8	2.027	2.986	7.6	19.9
5 31	14 7.66	−22 32.2	2.079	2.978	10.8	20.0

427774 2004 XZ_{3} 4 30.4 88°.56 3°.4/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.57	− 6 2.6	2.036	2.839	14.1	21.3
4 1	14 55.53	− 5 41.2	1.972	2.861	11.0	21.1
4 11	14 48.39	− 5 18.2	1.931	2.883	7.6	21.0
4 21	14 39.76	− 4 57.1	1.916	2.905	4.4	20.8
5 1	14 30.51	− 4 41.6	1.929	2.926	3.6	20.8
5 11	14 21.56	− 4 34.9	1.971	2.947	6.1	21.0
5 21	14 13.74	− 4 39.0	2.038	2.968	9.4	21.2
5 31	14 7.67	− 4 54.8	2.130	2.988	12.3	21.5

439600 2014 ET_{15} 4 30.4 199°.52 2°.9/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.19	− 8 46.8	2.363	3.170	12.3	21.6
4 1	14 49.70	− 7 53.7	2.276	3.169	9.6	21.4
4 11	14 44.44	− 6 55.2	2.213	3.168	6.6	21.2
4 21	14 37.86	− 5 55.1	2.177	3.167	3.8	21.0
5 1	14 30.63	− 4 58.3	2.169	3.166	3.2	21.0
5 11	14 23.51	− 4 9.2	2.190	3.165	5.7	21.2
5 21	14 17.18	− 3 31.7	2.237	3.164	8.8	21.3
5 31	14 12.23	− 3 8.0	2.308	3.162	11.6	21.5

329584 2002 XD_{98} 4 30.4 59°.09 0°.7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.90	−11 38.2	1.530	2.336	17.8	20.3
4 1	14 59.89	−12 8.6	1.461	2.352	14.1	20.1
4 11	14 51.91	−12 34.5	1.413	2.367	9.6	19.9
4 21	14 41.68	−12 56.8	1.389	2.383	4.7	19.6
5 1	14 30.37	−13 16.7	1.392	2.399	0.8	19.4
5 11	14 19.35	−13 36.5	1.422	2.415	5.6	19.7
5 21	14 9.86	−13 58.5	1.477	2.432	10.2	20.0
5 31	14 2.81	−14 25.3	1.556	2.448	14.2	20.3

502593 2015 CW_{8} 4 30.4 22°.70 1°.6/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.23	−20 55.8	1.841	2.630	15.9	21.0
4 1	14 52.85	−20 48.7	1.754	2.631	12.8	20.8
4 11	14 47.00	−20 27.7	1.687	2.632	9.1	20.5
4 21	14 39.26	−19 53.5	1.644	2.633	5.0	20.3
5 1	14 30.53	−19 8.8	1.628	2.634	1.6	20.1
5 11	14 21.93	−18 18.4	1.639	2.635	4.6	20.3
5 21	14 14.45	−17 28.0	1.675	2.636	8.7	20.5
5 31	14 8.90	−16 43.7	1.736	2.638	12.5	20.7

419515 2010 HS_{10} 4 30.4 345°.26 2°.2/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 48.53	−27 34.5	4.301	5.030	8.4	20.4
4 1	14 45.37	−27 31.3	4.197	5.029	6.9	20.2
4 11	14 41.14	−27 19.7	4.116	5.028	5.2	20.1
4 21	14 36.14	−26 59.7	4.061	5.027	3.5	20.0
5 1	14 30.76	−26 32.3	4.035	5.026	2.3	19.9
5 11	14 25.42	−25 59.1	4.038	5.025	2.7	19.9
5 21	14 20.52	−25 22.4	4.070	5.024	4.3	20.0
5 31	14 16.41	−24 44.5	4.129	5.024	6.0	20.2

504369 2007 VE_{53} 4 30.4 269°.23 1°.4/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.75	−14 51.3	1.652	2.461	16.6	21.9
4 1	14 54.53	−14 15.4	1.547	2.440	13.2	21.7
4 11	14 48.51	−13 26.2	1.463	2.419	9.2	21.4
4 21	14 40.18	−12 26.3	1.402	2.397	4.5	21.0
5 1	14 30.47	−11 20.5	1.368	2.374	1.6	20.8
5 11	14 20.60	−10 16.1	1.361	2.352	6.2	21.0
5 21	14 11.82	− 9 20.0	1.378	2.328	11.2	21.2
5 31	14 5.14	− 8 38.7	1.418	2.305	15.6	21.4

190092 2004 TO_{143} 4 30.4 247°.97 1°.1/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.00	−19 21.7	2.273	3.047	13.7	20.7
4 1	14 54.70	−19 20.8	2.160	3.030	11.1	20.5
4 11	14 48.17	−19 9.7	2.070	3.012	7.9	20.2
4 21	14 39.85	−18 48.6	2.004	2.993	4.2	20.0
5 1	14 30.50	−18 19.1	1.967	2.973	1.1	19.7
5 11	14 21.03	−17 44.4	1.958	2.953	4.1	19.9
5 21	14 12.38	−17 8.7	1.978	2.933	8.0	20.1
5 31	14 5.35	−16 36.8	2.022	2.912	11.5	20.3

33753 1999 RW_{42} 4 30.4 181°.28 2°.1/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.03	− 6 16.6	4.051	4.843	7.8	19.4
4 1	14 46.43	− 5 43.8	3.960	4.844	6.1	19.3
4 11	14 41.80	− 5 9.5	3.894	4.844	4.2	19.2
4 21	14 36.45	− 4 35.7	3.857	4.844	2.6	19.0
5 1	14 30.74	− 4 4.6	3.850	4.843	2.3	19.0
5 11	14 25.09	− 3 38.4	3.873	4.843	3.8	19.1
5 21	14 19.87	− 3 18.7	3.925	4.842	5.6	19.2
5 31	14 15.43	− 3 6.8	4.002	4.840	7.4	19.4

346943 2010 AN_{67} 4 30.4 312°.86 2°.1/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.81	−21 28.3	1.807	2.595	16.2	21.0
4 1	14 53.46	−21 34.7	1.715	2.590	13.1	20.8
4 11	14 47.54	−21 27.6	1.644	2.586	9.5	20.6
4 21	14 39.59	−21 6.9	1.595	2.582	5.4	20.3
5 1	14 30.52	−20 34.2	1.573	2.578	2.2	20.1
5 11	14 21.50	−19 53.8	1.578	2.574	4.7	20.3
5 21	14 13.59	−19 11.1	1.608	2.570	8.9	20.5
5 31	14 7.69	−18 32.2	1.663	2.567	12.8	20.7

92285 2000 EW 4 30.4 352°.10 4°.3/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.97	−21 31.1	1.206	2.019	21.3	18.4
4 1	14 57.40	−22 28.7	1.128	2.016	17.5	18.1
4 11	14 51.10	−23 13.0	1.067	2.013	12.9	17.8
4 21	14 41.66	−23 40.7	1.026	2.011	8.0	17.5
5 1	14 30.37	−23 50.0	1.008	2.009	4.4	17.3
5 11	14 19.04	−23 43.2	1.013	2.009	6.9	17.5
5 21	14 9.41	−23 26.4	1.041	2.008	11.8	17.7
5 31	14 2.84	−23 7.5	1.089	2.009	16.6	18.0

468967 2015 AC_{49} 4 30.4 204°.38 7°.4/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.73	+ 1 44.7	1.962	2.775	14.2	21.8
4 1	14 53.65	+ 3 15.2	1.883	2.770	11.6	21.6
4 11	14 47.35	+ 4 45.4	1.828	2.766	9.0	21.4
4 21	14 39.38	+ 6 7.9	1.798	2.760	7.5	21.3
5 1	14 30.55	+ 7 15.1	1.795	2.754	8.0	21.3
5 11	14 21.84	+ 8 1.1	1.818	2.747	10.2	21.4
5 21	14 14.14	+ 8 22.8	1.865	2.740	12.9	21.6
5 31	14 8.16	+ 8 20.0	1.933	2.732	15.6	21.8

319342 2006 BY_{273} 4 30.4 144°.91 0°.5/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 47.77	−18 40.9	4.822	5.585	7.1	21.4
4 1	14 44.58	−18 31.7	4.724	5.588	5.6	21.3
4 11	14 40.50	−18 17.6	4.651	5.592	3.9	21.1
4 21	14 35.81	−17 59.4	4.606	5.595	2.0	21.0
5 1	14 30.80	−17 38.3	4.591	5.598	0.5	20.8
5 11	14 25.84	−17 15.7	4.606	5.601	2.0	21.0
5 21	14 21.25	−16 53.4	4.650	5.603	3.8	21.1
5 31	14 17.30	−16 32.9	4.723	5.606	5.5	21.3

471470 2011 UJ_{329} 4 30.4 204°.17 1°.2/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.97	−11 33.2	2.700	3.489	11.4	21.4
4 1	14 51.70	−11 22.2	2.604	3.486	8.9	21.2
4 11	14 45.73	−11 6.8	2.532	3.483	6.1	21.0
4 21	14 38.51	−10 48.7	2.487	3.480	3.0	20.8
5 1	14 30.63	−10 30.3	2.471	3.476	1.3	20.7
5 11	14 22.79	−10 14.2	2.485	3.473	4.1	20.9
5 21	14 15.67	−10 3.1	2.526	3.469	7.2	21.0
5 31	14 9.81	− 9 59.1	2.594	3.464	9.9	21.2

19190 Morihiroshi 4 30.4 199°.02 3°.2/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.68	− 7 39.0	2.157	2.964	13.3	18.0
4 1	14 52.65	− 7 1.1	2.070	2.962	10.5	17.8
4 11	14 46.58	− 6 19.0	2.006	2.960	7.2	17.6
4 21	14 38.98	− 5 36.5	1.968	2.957	4.2	17.4
5 1	14 30.60	− 4 57.9	1.957	2.955	3.4	17.3
5 11	14 22.32	− 4 27.6	1.975	2.952	6.1	17.5
5 21	14 14.94	− 4 9.0	2.019	2.949	9.4	17.7
5 31	14 9.13	− 4 4.0	2.087	2.945	12.5	17.9

140830 2001 UL_{173} 4 30.4 183°.75 0°.1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.90	−15 13.3	2.429	3.212	12.7	20.9
4 1	14 53.46	−15 18.1	2.335	3.213	10.0	20.7
4 11	14 47.07	−15 16.5	2.265	3.212	6.9	20.5
4 21	14 39.21	−15 9.4	2.220	3.212	3.4	20.3
5 1	14 30.59	−14 58.6	2.204	3.212	0.2	20.0
5 11	14 22.01	−14 46.7	2.217	3.211	3.9	20.3
5 21	14 14.26	−14 36.5	2.259	3.210	7.3	20.5
5 31	14 7.98	−14 30.9	2.326	3.209	10.4	20.7

463092 2011 TD_{17} 4 30.4 205°.29 2°.8/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.90	−10 18.2	1.832	2.636	15.4	22.8
4 1	14 56.45	− 9 37.5	1.741	2.632	12.2	22.5
4 11	14 49.47	− 8 49.2	1.672	2.626	8.4	22.3
4 21	14 40.51	− 7 56.9	1.627	2.620	4.5	22.0
5 1	14 30.50	− 7 5.9	1.611	2.612	3.1	21.9
5 11	14 20.56	− 6 22.1	1.622	2.604	6.5	22.1
5 21	14 11.72	− 5 50.2	1.659	2.596	10.6	22.3
5 31	14 4.83	− 5 33.7	1.720	2.586	14.3	22.6

216308 2007 TA_{103} 4 30.4 24°.08 1°.7/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.69	−15 55.3	1.303	2.134	19.0	20.5
4 1	14 51.60	−14 58.0	1.233	2.138	15.0	20.2
4 11	14 46.50	−13 43.7	1.181	2.143	10.2	20.0
4 21	14 39.11	−12 17.4	1.152	2.148	4.9	19.7
5 1	14 30.60	−10 47.4	1.148	2.154	2.0	19.5
5 11	14 22.37	− 9 23.6	1.168	2.160	6.8	19.8
5 21	14 15.64	− 8 14.7	1.212	2.167	11.9	20.1
5 31	14 11.30	− 7 26.6	1.277	2.174	16.3	20.4

514289 2015 TS_{1} 4 30.4 181°.16 0°.7/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.93	−19 26.2	4.070	4.830	8.3	22.9
4 1	14 47.20	−19 15.4	3.969	4.831	6.6	22.8
4 11	14 42.38	−18 58.4	3.892	4.831	4.6	22.7
4 21	14 36.77	−18 36.0	3.843	4.831	2.5	22.5
5 1	14 30.77	−18 9.6	3.824	4.830	0.7	22.4
5 11	14 24.81	−17 41.0	3.835	4.830	2.3	22.5
5 21	14 19.31	−17 12.5	3.876	4.829	4.5	22.7
5 31	14 14.62	−16 46.1	3.944	4.828	6.5	22.8

171789 2001 CJ_{8} 4 30.4 41°.67 1°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.33	−12 54.9	1.305	2.133	19.1	19.6
4 1	14 55.16	−12 43.2	1.241	2.145	15.0	19.4
4 11	14 48.88	−12 22.0	1.197	2.157	10.3	19.1
4 21	14 40.26	−11 54.6	1.175	2.170	5.0	18.9
5 1	14 30.53	−11 25.8	1.177	2.184	1.7	18.7
5 11	14 21.15	−11 1.3	1.204	2.198	6.4	19.0
5 21	14 13.37	−10 46.3	1.255	2.212	11.3	19.3
5 31	14 8.12	−10 44.3	1.327	2.227	15.6	19.6

263702 2008 HA_{18} 4 30.4 162°.47 5°.7/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.67	− 2 12.3	1.870	2.686	14.7	21.0
4 1	14 53.66	− 1 12.7	1.795	2.689	11.7	20.8
4 11	14 47.37	− 0 12.2	1.743	2.691	8.5	20.6
4 21	14 39.40	+ 0 43.4	1.715	2.693	6.1	20.5
5 1	14 30.59	+ 1 27.8	1.714	2.695	6.1	20.5
5 11	14 21.96	+ 1 55.9	1.740	2.697	8.5	20.6
5 21	14 14.41	+ 2 4.9	1.790	2.698	11.7	20.8
5 31	14 8.66	+ 1 54.3	1.862	2.699	14.7	21.0

470147 2006 UN_{78} 4 30.4 217°.05 1°.8/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.22	−21 34.2	2.640	3.401	12.3	22.5
4 1	14 52.90	−21 42.7	2.536	3.395	10.0	22.3
4 11	14 46.69	−21 41.6	2.455	3.389	7.2	22.1
4 21	14 39.04	−21 31.0	2.399	3.383	4.2	21.9
5 1	14 30.61	−21 11.8	2.372	3.376	1.8	21.7
5 11	14 22.18	−20 46.5	2.375	3.369	3.6	21.9
5 21	14 14.49	−20 18.4	2.405	3.361	6.7	22.0
5 31	14 8.20	−19 51.3	2.462	3.354	9.6	22.2

504742 2009 VC_{107} 4 30.4 138°.60 3°.0/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.27	−27 5.8	2.202	2.952	14.8	21.4
4 1	14 54.00	−26 48.1	2.114	2.962	12.1	21.2
4 11	14 47.53	−26 13.7	2.047	2.971	9.0	21.0
4 21	14 39.44	−25 22.6	2.005	2.980	5.7	20.8
5 1	14 30.59	−24 17.1	1.990	2.989	3.1	20.7
5 11	14 21.95	−23 2.2	2.004	2.997	4.3	20.8
5 21	14 14.39	−21 43.9	2.046	3.005	7.5	21.0
5 31	14 8.59	−20 28.8	2.114	3.012	10.7	21.2

6299 Reizoutoyoko 4 30.4 285°.98 1°.2/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.80	−13 9.4	2.047	2.850	14.0	17.0
4 1	14 52.18	−12 50.6	1.956	2.846	11.1	16.8
4 11	14 46.39	−12 24.2	1.887	2.842	7.6	16.6
4 21	14 38.94	−11 52.7	1.844	2.838	3.7	16.3
5 1	14 30.62	−11 19.4	1.828	2.834	1.4	16.2
5 11	14 22.36	−10 48.6	1.839	2.830	4.9	16.4
5 21	14 15.05	−10 24.3	1.877	2.826	8.8	16.6
5 31	14 9.39	−10 9.8	1.939	2.822	12.2	16.8

222366 2000 XM_{34} 4 30.4 101°.88 3°.6/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.33	−24 53.6	2.078	2.833	15.4	20.2
4 1	14 57.37	−25 27.9	1.998	2.848	12.6	20.0
4 11	14 49.95	−25 49.3	1.939	2.863	9.4	19.8
4 21	14 40.70	−25 56.4	1.904	2.878	6.1	19.7
5 1	14 30.51	−25 49.2	1.896	2.892	3.7	19.5
5 11	14 20.48	−25 30.1	1.917	2.906	4.9	19.6
5 21	14 11.62	−25 3.5	1.965	2.920	8.0	19.9
5 31	14 4.70	−24 34.7	2.037	2.934	11.1	20.1

70419 1999 SQ_{12} 4 30.4 240°.98 4°.4/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.84	−26 23.4	1.792	2.556	17.2	19.7
4 1	14 56.96	−26 48.1	1.691	2.546	14.3	19.5
4 11	14 50.18	−26 56.8	1.609	2.535	10.9	19.2
4 21	14 41.03	−26 47.1	1.551	2.524	7.2	19.0
5 1	14 30.48	−26 18.7	1.517	2.513	4.5	18.8
5 11	14 19.83	−25 34.6	1.511	2.502	5.8	18.8
5 21	14 10.36	−24 40.7	1.530	2.490	9.5	19.0
5 31	14 3.13	−23 44.8	1.573	2.477	13.3	19.2

435575 2008 RX_{99} 4 30.4 173°.87 1°.6/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.81	−12 5.1	2.483	3.274	12.2	22.3
4 1	14 52.46	−11 30.7	2.393	3.277	9.6	22.1
4 11	14 46.29	−10 49.9	2.328	3.279	6.5	21.9
4 21	14 38.80	−10 5.3	2.288	3.281	3.3	21.7
5 1	14 30.64	− 9 20.5	2.279	3.283	1.8	21.6
5 11	14 22.60	− 8 39.4	2.298	3.283	4.6	21.8
5 21	14 15.37	− 8 5.6	2.345	3.283	7.8	22.0
5 31	14 9.54	− 7 41.9	2.418	3.283	10.8	22.2

231439 2007 FU_{23} 4 30.4 219°.38 0°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.88	−17 39.3	2.181	2.963	14.0	21.1
4 1	14 54.57	−17 34.2	2.081	2.956	11.2	20.9
4 11	14 48.04	−17 19.5	2.002	2.948	7.8	20.7
4 21	14 39.78	−16 56.0	1.949	2.940	4.0	20.5
5 1	14 30.57	−16 25.9	1.925	2.932	0.5	20.2
5 11	14 21.37	−15 52.8	1.928	2.923	4.2	20.4
5 21	14 13.07	−15 20.9	1.960	2.914	8.1	20.7
5 31	14 6.45	−14 54.6	2.016	2.904	11.6	20.8

299552 2006 DN_{127} 4 30.4 341°.92 0°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.83	−19 58.8	4.032	4.795	8.3	20.9
4 1	14 45.63	−19 54.1	3.930	4.793	6.7	20.8
4 11	14 41.35	−19 43.1	3.853	4.791	4.7	20.6
4 21	14 36.29	−19 26.8	3.802	4.789	2.6	20.5
5 1	14 30.82	−19 6.1	3.781	4.787	0.9	20.3
5 11	14 25.39	−18 43.0	3.790	4.785	2.3	20.5
5 21	14 20.39	−18 19.4	3.828	4.783	4.5	20.6
5 31	14 16.20	−17 57.3	3.893	4.781	6.5	20.7

195204 2002 CR_{306} 4 30.4 180°.15 2°.1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.82	− 6 29.7	3.858	4.651	8.2	21.1
4 1	14 47.11	− 6 2.4	3.767	4.651	6.4	21.0
4 11	14 42.32	− 5 33.6	3.702	4.652	4.4	20.9
4 21	14 36.75	− 5 5.2	3.665	4.652	2.6	20.7
5 1	14 30.80	− 4 39.5	3.657	4.652	2.2	20.7
5 11	14 24.91	− 4 18.7	3.680	4.651	3.8	20.8
5 21	14 19.47	− 4 4.3	3.730	4.651	5.8	21.0
5 31	14 14.86	− 3 57.5	3.807	4.650	7.7	21.1

224882 2007 BS_{74} 4 30.4 74°.09 1°.2/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.18	−19 32.8	1.719	2.511	16.7	21.1
4 1	14 55.14	−19 28.5	1.649	2.529	13.3	20.9
4 11	14 48.51	−19 11.2	1.600	2.546	9.3	20.7
4 21	14 39.99	−18 42.0	1.574	2.564	4.9	20.4
5 1	14 30.59	−18 3.8	1.575	2.582	1.2	20.2
5 11	14 21.50	−17 21.6	1.603	2.599	4.7	20.5
5 21	14 13.73	−16 41.1	1.657	2.616	8.9	20.8
5 31	14 8.05	−16 7.5	1.735	2.633	12.6	21.0

483025 2014 WY_{378} 4 30.4 350°.85 2°.0/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.96	−25 48.5	4.052	4.790	8.7	20.3
4 1	14 45.78	−25 48.7	3.948	4.789	7.1	20.2
4 11	14 41.48	−25 40.7	3.868	4.788	5.3	20.1
4 21	14 36.36	−25 24.7	3.815	4.786	3.4	19.9
5 1	14 30.83	−25 1.6	3.790	4.785	2.1	19.8
5 11	14 25.33	−24 33.1	3.794	4.784	2.7	19.9
5 21	14 20.29	−24 1.5	3.827	4.783	4.5	20.0
5 31	14 16.08	−23 29.1	3.888	4.782	6.3	20.1

500629 2012 UP_{163} 4 30.4 149°.42 1°.4/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.36	−19 17.6	2.319	3.094	13.4	21.2
4 1	14 53.97	−19 30.4	2.228	3.096	10.8	21.0
4 11	14 47.51	−19 34.3	2.158	3.099	7.6	20.8
4 21	14 39.48	−19 29.4	2.114	3.102	4.2	20.6
5 1	14 30.62	−19 17.0	2.098	3.104	1.4	20.4
5 11	14 21.83	−18 59.6	2.111	3.106	3.9	20.5
5 21	14 13.92	−18 40.7	2.152	3.108	7.3	20.8
5 31	14 7.61	−18 24.0	2.218	3.110	10.5	21.0

215889 2005 GY_5 4 30.4 167°.58 1°.6/29.4 18

3 22	15 1.00	−11 51.7	1.804	2.606	15.7	20.9
4 1	14 56.52	−11 38.4	1.720	2.609	12.4	20.7
4 11	14 49.50	−11 18.4	1.658	2.612	8.5	20.5
4 21	14 40.53	−10 54.1	1.620	2.614	4.2	20.2
5 1	14 30.55	−10 29.0	1.610	2.615	1.8	20.0
5 11	14 20.71	−10 7.7	1.627	2.616	5.6	20.3
5 21	14 12.03	− 9 53.9	1.670	2.617	9.8	20.5
5 31	14 5.35	− 9 50.7	1.738	2.618	13.5	20.8

504524 2008 RO_{72} 4 30.4 244°.44 0°.8/29.7 17

3 22	14 57.28	−14 52.3	2.251	3.042	13.3	22.1
4 1	14 53.26	−14 25.8	2.144	3.026	10.6	21.8
4 11	14 47.13	−13 50.1	2.059	3.010	7.3	21.6
4 21	14 39.35	−13 7.2	2.000	2.993	3.6	21.3
5 1	14 30.63	−12 20.4	1.969	2.976	1.0	21.1
5 11	14 21.88	−11 34.2	1.967	2.958	4.6	21.3
5 21	14 13.93	−10 53.0	1.992	2.939	8.5	21.5
5 31	14 7.55	−10 21.0	2.043	2.921	11.9	21.7

342451 2008 US_{110} 4 30.4 295°.14 2°.1/ 2.2 17

3 22	14 54.45	−23 46.6	1.879	2.661	15.9	20.9
4 1	14 51.56	−23 26.3	1.780	2.651	13.0	20.6
4 11	14 46.22	−22 48.5	1.701	2.640	9.4	20.4
4 21	14 38.96	−21 53.8	1.645	2.630	5.5	20.1
5 1	14 30.66	−20 44.8	1.616	2.620	2.2	19.9
5 11	14 22.39	−19 27.3	1.614	2.611	4.6	20.0
5 21	14 15.18	−18 8.4	1.639	2.601	8.7	20.2
5 31	14 9.86	−16 55.6	1.687	2.591	12.6	20.5

417481 2006 RP_{53} 4 30.4 175°.17 0°.2/30.5 15

3 22	15 0.60	−17 4.5	2.192	2.971	14.0	23.6
4 1	14 55.79	−16 52.1	2.100	2.974	11.1	23.4
4 11	14 48.78	−16 30.2	2.031	2.977	7.7	23.2
4 21	14 40.11	−16 0.0	1.987	2.978	3.9	22.9
5 1	14 30.59	−15 24.0	1.972	2.979	0.3	22.6
5 11	14 21.17	−14 46.3	1.986	2.980	4.2	22.9
5 21	14 12.74	−14 11.2	2.028	2.979	8.1	23.2
5 31	14 6.01	−13 42.7	2.095	2.978	11.5	23.4

489416 2006 VQ_{70} 4 30.4 100°.62 1°.8/ 1.9 16

3 22	14 58.42	−23 55.3	1.833	2.608	16.5	21.9
4 1	14 54.41	−23 21.6	1.757	2.625	13.3	21.7
4 11	14 47.93	−22 29.9	1.702	2.641	9.5	21.5
4 21	14 39.67	−21 22.0	1.671	2.657	5.3	21.3
5 1	14 30.63	−20 1.8	1.667	2.672	1.9	21.1
5 11	14 21.90	−18 36.2	1.691	2.688	4.5	21.3
5 21	14 14.46	−17 12.6	1.743	2.702	8.5	21.5
5 31	14 9.03	−15 58.1	1.819	2.717	12.1	21.8

62051 2000 RV_{68} 4 30.4 194°.37 2°.0/ 2.1 18

3 22	14 57.49	−21 49.8	2.584	3.346	12.6	19.7
4 1	14 53.14	−22 3.5	2.486	3.344	10.2	19.6
4 11	14 46.87	−22 7.7	2.409	3.343	7.4	19.4
4 21	14 39.15	−22 2.1	2.359	3.341	4.3	19.2
5 1	14 30.66	−21 47.6	2.337	3.339	2.0	19.0
5 11	14 22.18	−21 26.6	2.344	3.337	3.7	19.1
5 21	14 14.49	−21 2.3	2.379	3.335	6.7	19.3
5 31	14 8.24	−20 38.5	2.440	3.333	9.7	19.5

278566 2008 GZ_{127} 4 30.4 196°.07 5°.2/26.0 17

3 22	14 57.89	− 2 15.9	2.117	2.925	13.4	21.5
4 1	14 53.62	− 1 18.9	2.034	2.923	10.7	21.3
4 11	14 47.26	− 0 20.6	1.974	2.920	7.8	21.2
4 21	14 39.35	+ 0 33.5	1.940	2.917	5.6	21.0
5 1	14 30.65	+ 1 18.1	1.933	2.914	5.6	21.0
5 11	14 22.06	+ 1 48.4	1.954	2.909	7.9	21.1
5 21	14 14.40	+ 2 1.6	2.000	2.905	10.8	21.3
5 31	14 8.35	+ 1 56.7	2.070	2.900	13.7	21.5

271835 2004 TH_{187} 4 30.4 250°.01 0°.2/30.5 17

3 22	14 56.46	−17 42.5	1.979	2.772	14.8	21.5
4 1	14 52.90	−17 22.9	1.882	2.764	11.8	21.3
4 11	14 47.01	−16 51.6	1.806	2.756	8.2	21.1
4 21	14 39.32	−16 10.3	1.755	2.748	4.2	20.8
5 1	14 30.65	−15 21.9	1.732	2.739	0.3	20.4
5 11	14 22.01	−14 31.6	1.736	2.731	4.6	20.8
5 21	14 14.34	−13 44.6	1.767	2.722	8.8	21.0
5 31	14 8.46	−13 5.9	1.822	2.713	12.5	21.2

284613 2007 UC_{60} 4 30.4 214°.42 0°.4/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.02	−18 4.1	2.433	3.212	12.7	21.7
4 1	14 52.05	−17 49.9	2.333	3.208	10.1	21.5
4 11	14 46.15	−17 26.2	2.257	3.203	7.1	21.3
4 21	14 38.80	−16 54.1	2.207	3.197	3.6	21.1
5 1	14 30.69	−16 16.1	2.184	3.192	0.4	20.8
5 11	14 22.62	−15 35.9	2.191	3.186	3.8	21.1
5 21	14 15.35	−14 57.3	2.226	3.180	7.3	21.3
5 31	14 9.53	−14 24.4	2.286	3.173	10.5	21.5

353645 2011 UP_{106} 4 30.4 215°.38 6°.1/ 6.6 18

3 22	14 57.99	−36 48.7	2.708	3.394	13.7	21.7
4 1	14 53.81	−37 15.7	2.603	3.389	11.9	21.5
4 11	14 47.48	−37 26.5	2.517	3.384	9.9	21.4
4 21	14 39.51	−37 18.5	2.454	3.379	7.8	21.2
5 1	14 30.64	−36 50.9	2.417	3.374	6.4	21.1
5 11	14 21.79	−36 5.2	2.407	3.368	6.3	21.1
5 21	14 13.82	−35 5.6	2.424	3.362	7.6	21.2
5 31	14 7.48	−33 57.6	2.467	3.356	9.7	21.3

433962 1999 RE_{206} 4 30.4 258°.66 6°.5/ 6.1 18

3 22	15 0.11	−36 43.8	2.788	3.468	13.5	21.1
4 1	14 55.61	−37 32.0	2.670	3.451	11.8	20.9
4 11	14 48.86	−38 6.0	2.572	3.433	9.9	20.8
4 21	14 40.28	−38 22.7	2.497	3.415	8.0	20.6
5 1	14 30.58	−38 20.0	2.448	3.397	6.7	20.5
5 11	14 20.72	−37 58.4	2.426	3.379	6.7	20.5
5 21	14 11.61	−37 20.6	2.431	3.360	8.1	20.5
5 31	14 4.09	−36 31.7	2.461	3.341	10.1	20.6

249579 1995 SC_{27} 4 30.4 127°.48 1°.8/28.9 16

3 22	14 59.16	−13 39.2	1.933	2.731	14.9	21.0
4 1	14 54.72	−12 49.3	1.858	2.746	11.7	20.9
4 11	14 48.02	−11 49.8	1.806	2.760	7.9	20.6
4 21	14 39.70	−10 44.3	1.780	2.774	3.9	20.4
5 1	14 30.64	− 9 38.2	1.782	2.787	2.0	20.3
5 11	14 21.85	− 8 37.5	1.813	2.799	5.5	20.6
5 21	14 14.22	− 7 47.3	1.870	2.811	9.3	20.8
5 31	14 8.41	− 7 11.1	1.951	2.822	12.7	21.1

102275 1999 TW_{50} 4 30.4 198°.32 0°.8/29.8 18

3 22	14 56.47	−15 11.3	2.178	2.971	13.6	20.3
4 1	14 52.56	−14 42.3	2.085	2.969	10.8	20.1
4 11	14 46.58	−14 4.1	2.015	2.967	7.4	19.9
4 21	14 39.04	−13 18.8	1.971	2.964	3.6	19.7
5 1	14 30.68	−12 30.0	1.954	2.961	0.9	19.5
5 11	14 22.41	−11 42.4	1.967	2.958	4.6	19.7
5 21	14 15.05	−11 0.5	2.006	2.955	8.3	19.9
5 31	14 9.29	−10 28.3	2.071	2.951	11.7	20.1

196548 2003 QN_2 4 30.4 171°.73 0°.4/30.1 18

3 22	14 55.38	−16 57.5	2.004	2.800	14.5	20.7
4 1	14 51.89	−16 24.1	1.915	2.800	11.5	20.5
4 11	14 46.21	−15 39.0	1.849	2.801	7.9	20.2
4 21	14 38.87	−14 44.7	1.808	2.801	3.9	20.0
5 1	14 30.69	−13 45.3	1.794	2.801	0.5	19.7
5 11	14 22.64	−12 46.2	1.808	2.802	4.6	20.0
5 21	14 15.59	−11 52.7	1.849	2.802	8.6	20.3
5 31	14 10.26	−11 9.7	1.915	2.802	12.2	20.5

55986 1998 ST_{24} 4 30.4 159°.94 3°.0/28.5 18

3 22	15 1.46	−10 0.4	1.665	2.474	16.5	19.5
4 1	14 57.01	− 9 22.5	1.587	2.480	13.0	19.2
4 11	14 49.89	− 8 37.4	1.530	2.485	8.9	19.0
4 21	14 40.74	− 7 49.2	1.497	2.489	4.7	18.8
5 1	14 30.57	− 7 3.6	1.491	2.493	3.2	18.7
5 11	14 20.61	− 6 26.3	1.513	2.496	6.8	18.9
5 21	14 11.94	− 6 1.9	1.560	2.499	11.0	19.1
5 31	14 5.41	− 5 53.3	1.630	2.501	14.8	19.4

320550 2008 AL_{36} 4 30.4 201°.54 4°.0/27.4 16

3 22	14 59.27	− 6 36.6	1.923	2.732	14.6	21.5
4 1	14 54.98	− 5 50.0	1.836	2.728	11.5	21.3
4 11	14 48.36	− 4 59.0	1.772	2.725	8.1	21.1
4 21	14 39.96	− 4 8.1	1.733	2.720	4.9	20.9
5 1	14 30.63	− 3 22.9	1.721	2.716	4.3	20.8
5 11	14 21.39	− 2 48.5	1.737	2.710	7.2	21.0
5 21	14 13.19	− 2 28.8	1.779	2.704	10.7	21.2
5 31	14 6.79	− 2 25.7	1.844	2.698	14.1	21.4

319569 2006 SF_{86} 4 30.4 10°.49 1°.0/29.8 17

3 22	14 54.03	−15 49.6	1.335	2.164	18.7	20.7
4 1	14 51.89	−15 18.2	1.261	2.165	14.8	20.4
4 11	14 46.76	−14 32.3	1.207	2.167	10.2	20.1
4 21	14 39.31	−13 35.2	1.174	2.170	5.0	19.8
5 1	14 30.67	−12 33.1	1.166	2.173	1.2	19.6
5 11	14 22.23	−11 33.8	1.182	2.177	6.3	19.9
5 21	14 15.25	−10 44.7	1.222	2.181	11.3	20.2
5 31	14 10.65	−10 11.6	1.283	2.186	15.8	20.5

298293 2003 BA_{10} 4 30.4 28°.81 4°.3/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.83	−29 8.5	2.053	2.806	15.6	19.9
4 1	14 51.64	−29 13.2	1.965	2.810	13.0	19.7
4 11	14 46.13	−29 0.2	1.897	2.815	10.0	19.5
4 21	14 38.86	−28 28.7	1.852	2.820	6.8	19.3
5 1	14 30.70	−27 39.9	1.833	2.825	4.5	19.2
5 11	14 22.69	−26 37.7	1.841	2.830	5.1	19.2
5 21	14 15.76	−25 28.2	1.875	2.836	7.9	19.4
5 31	14 10.66	−24 18.3	1.935	2.842	11.1	19.6

248476 2005 UN_{112} 4 30.4 277°.16 2°.0/ 2.5 16

3 22	14 54.20	−24 46.9	2.535	3.293	12.9	21.4
4 1	14 50.74	−24 22.4	2.415	3.271	10.5	21.2
4 11	14 45.36	−23 43.2	2.316	3.248	7.7	20.9
4 21	14 38.47	−22 49.8	2.243	3.225	4.6	20.7
5 1	14 30.73	−21 43.9	2.198	3.201	2.1	20.5
5 11	14 22.96	−20 29.8	2.182	3.177	3.8	20.6
5 21	14 15.91	−19 12.7	2.195	3.153	7.1	20.7
5 31	14 10.28	−17 58.3	2.234	3.129	10.3	20.9

470151 2006 UP_{94} 4 30.4 175°.06 1°.1/29.4 17

3 22	14 55.84	−12 26.0	2.674	3.463	11.5	22.0
4 1	14 51.61	−12 8.5	2.582	3.464	9.0	21.9
4 11	14 45.69	−11 45.7	2.515	3.466	6.1	21.7
4 21	14 38.53	−11 19.5	2.474	3.467	3.0	21.5
5 1	14 30.74	−10 52.5	2.462	3.467	1.2	21.3
5 11	14 23.03	−10 27.7	2.479	3.468	4.0	21.5
5 21	14 16.05	−10 8.0	2.525	3.468	7.1	21.7
5 31	14 10.36	− 9 55.7	2.596	3.467	9.9	21.9

155495 1999 CW_{33} 4 30.4 80°.34 2°.7/ 2.2 17

3 22	14 59.04	−22 47.1	1.728	2.510	17.0	20.6
4 1	14 55.24	−22 56.6	1.648	2.519	13.8	20.4
4 11	14 48.76	−22 51.1	1.588	2.527	10.0	20.2
4 21	14 40.21	−22 30.5	1.552	2.536	5.9	19.9
5 1	14 30.63	−21 56.3	1.541	2.544	2.7	19.8
5 11	14 21.23	−21 13.1	1.558	2.553	4.9	19.9
5 21	14 13.13	−20 26.8	1.600	2.562	8.9	20.2
5 31	14 7.18	−19 43.9	1.666	2.570	12.7	20.4

198526 2004 XO_{103} 4 30.4 94°.52 0°.3/30.2 18

3 22	14 55.85	−16 54.3	1.943	2.740	14.9	20.4
4 1	14 52.29	−16 24.9	1.860	2.745	11.8	20.2
4 11	14 46.49	−15 44.0	1.799	2.751	8.1	19.9
4 21	14 39.01	−14 54.1	1.763	2.756	4.0	19.7
5 1	14 30.71	−13 59.1	1.754	2.761	0.5	19.4
5 11	14 22.58	−13 4.5	1.773	2.767	4.7	19.8
5 21	14 15.51	−12 15.6	1.818	2.772	8.7	20.0
5 31	14 10.20	−11 36.9	1.888	2.777	12.2	20.2

400317 2007 TP_{332} 4 30.4 234°.97 0°.3/30.8 17

3 22	14 50.95	−18 1.7	4.150	4.914	8.1	23.1
4 1	14 47.26	−17 45.0	4.034	4.899	6.4	23.0
4 11	14 42.47	−17 22.3	3.942	4.884	4.5	22.8
4 21	14 36.88	−16 54.7	3.879	4.869	2.3	22.6
5 1	14 30.86	−16 23.5	3.846	4.854	0.3	22.4
5 11	14 24.84	−15 50.8	3.844	4.838	2.4	22.6
5 21	14 19.23	−15 18.8	3.871	4.821	4.6	22.8
5 31	14 14.40	−14 49.6	3.926	4.805	6.7	22.9

387449 2013 WB_{66} 4 30.4 220°.55 2°.6/28.1 18

3 22	14 58.48	− 8 27.3	2.464	3.258	12.2	22.1
4 1	14 53.90	− 7 53.8	2.363	3.247	9.6	21.9
4 11	14 47.40	− 7 15.9	2.284	3.235	6.7	21.6
4 21	14 39.44	− 6 36.4	2.233	3.223	3.7	21.4
5 1	14 30.69	− 5 59.3	2.211	3.210	2.8	21.4
5 11	14 21.93	− 5 28.2	2.218	3.196	5.4	21.5
5 21	14 13.94	− 5 6.6	2.253	3.181	8.6	21.7
5 31	14 7.36	− 4 56.6	2.313	3.166	11.6	21.8

8802 Negley 4 30.4 203°.17 3°.0/27.2 18 R

3 22	14 53.44	− 7 18.5	2.665	3.467	11.2	19.2
4 1	14 49.72	− 6 27.0	2.574	3.464	8.7	19.0
4 11	14 44.39	− 5 31.4	2.508	3.460	6.1	18.9
4 21	14 37.89	− 4 35.4	2.469	3.457	3.7	18.7
5 1	14 30.79	− 3 43.2	2.459	3.453	3.3	18.7
5 11	14 23.77	− 2 58.7	2.478	3.449	5.5	18.8
5 21	14 17.45	− 2 25.1	2.524	3.444	8.2	19.0
5 31	14 12.34	− 2 4.3	2.595	3.440	10.8	19.1

475607 2006 UL_{133} 4 30.4 218°.94 0°.4/29.9 17

3 22	14 53.75	−16 51.7	2.545	3.331	12.1	22.2
4 1	14 50.14	−16 10.7	2.446	3.326	9.5	22.0
4 11	14 44.77	−15 19.6	2.371	3.320	6.5	21.8
4 21	14 38.11	−14 20.8	2.322	3.315	3.2	21.6
5 1	14 30.78	−13 17.7	2.302	3.309	0.6	21.3
5 11	14 23.52	−12 14.9	2.311	3.303	4.0	21.6
5 21	14 17.01	−11 16.9	2.349	3.297	7.3	21.8
5 31	14 11.84	−10 27.7	2.412	3.291	10.3	22.0

441607 2008 UR_{239} 4 30.4 162°.87 1°.9/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.84	−25 43.9	4.095	4.827	8.7	22.6
4 1	14 47.97	−25 40.3	3.995	4.832	7.1	22.5
4 11	14 42.94	−25 28.3	3.918	4.836	5.3	22.3
4 21	14 37.10	−25 8.2	3.868	4.840	3.4	22.2
5 1	14 30.85	−24 41.1	3.848	4.844	2.0	22.1
5 11	14 24.66	−24 8.6	3.857	4.848	2.6	22.1
5 21	14 18.95	−23 33.2	3.896	4.851	4.4	22.3
5 31	14 14.11	−22 57.3	3.963	4.854	6.3	22.4

106824 2000 XJ_{51} 4 30.4 185°.86 3°.4/ 3.6 17

3 22	14 57.63	−27 26.1	2.874	3.606	12.1	20.2
4 1	14 53.14	−27 46.9	2.773	3.606	10.0	20.0
4 11	14 46.83	−27 56.4	2.693	3.605	7.6	19.9
4 21	14 39.14	−27 53.8	2.639	3.604	5.2	19.7
5 1	14 30.71	−27 39.1	2.613	3.603	3.5	19.6
5 11	14 22.30	−27 14.3	2.616	3.601	4.1	19.6
5 21	14 14.62	−26 42.4	2.647	3.600	6.4	19.8
5 31	14 8.30	−26 7.6	2.705	3.597	8.8	19.9

133373 2003 SJ_{147} 4 30.4 258°.81 1°.9/ 1.9 18

3 22	14 56.23	−22 7.8	2.083	2.860	14.7	19.6
4 1	14 52.69	−22 2.0	1.983	2.852	11.9	19.4
4 11	14 46.87	−21 42.7	1.904	2.844	8.6	19.2
4 21	14 39.27	−21 10.3	1.850	2.836	4.9	18.9
5 1	14 30.70	−20 26.8	1.823	2.827	1.9	18.7
5 11	14 22.15	−19 36.1	1.823	2.819	4.3	18.8
5 21	14 14.56	−18 43.7	1.851	2.811	8.1	19.0
5 31	14 8.70	−17 55.2	1.903	2.802	11.6	19.2

358499 2007 RR_{148} 4 30.4 258°.51 0°.1/30.4 17

3 22	15 0.67	−16 2.6	1.662	2.462	16.9	21.6
4 1	14 56.90	−15 58.5	1.559	2.446	13.6	21.3
4 11	14 50.22	−15 43.8	1.477	2.429	9.5	21.0
4 21	14 41.12	−15 19.3	1.418	2.411	4.8	20.7
5 1	14 30.58	−14 47.7	1.386	2.393	0.3	20.3
5 11	14 19.86	−14 13.8	1.380	2.375	5.5	20.6
5 21	14 10.27	−13 43.1	1.400	2.356	10.5	20.9
5 31	14 2.87	−13 21.2	1.443	2.337	15.0	21.1

464828 2004 VT_{54} 4 30.4 220°.88 8°.9/21.3 18

3 22	15 1.15	+15 1.5	2.651	3.418	12.1	21.4
4 1	14 55.78	+16 3.5	2.570	3.406	10.6	21.3
4 11	14 48.56	+16 56.1	2.513	3.394	9.4	21.2
4 21	14 39.96	+17 33.5	2.481	3.380	8.9	21.1
5 1	14 30.67	+17 50.7	2.475	3.366	9.4	21.1
5 11	14 21.46	+17 44.9	2.495	3.351	10.6	21.2
5 21	14 13.05	+17 16.0	2.538	3.336	12.3	21.3
5 31	14 6.06	+16 25.5	2.603	3.319	14.0	21.4

61766 2000 QX_{167} 4 30.4 314°.06 0°.9/30.9 18

3 22	14 52.43	−19 49.7	1.492	2.306	17.8	18.8
4 1	14 50.79	−19 30.7	1.386	2.279	14.5	18.5
4 11	14 46.24	−18 53.8	1.298	2.252	10.3	18.2
4 21	14 39.23	−17 59.6	1.233	2.226	5.5	17.8
5 1	14 30.69	−16 51.5	1.192	2.199	0.9	17.4
5 11	14 21.94	−15 36.4	1.176	2.174	5.7	17.7
5 21	14 14.29	−14 23.0	1.184	2.149	11.0	17.9
5 31	14 8.90	−13 20.2	1.214	2.125	15.9	18.1

143443 2003 BV_{73} 4 30.4 177°.82 2°.9/28.1 17

3 22	14 56.57	− 6 59.5	2.356	3.158	12.4	20.1
4 1	14 52.39	− 6 37.8	2.269	3.158	9.8	19.9
4 11	14 46.33	− 6 13.6	2.206	3.158	6.8	19.7
4 21	14 38.89	− 5 49.9	2.169	3.159	3.9	19.5
5 1	14 30.74	− 5 30.1	2.161	3.159	3.0	19.5
5 11	14 22.69	− 5 17.4	2.181	3.159	5.5	19.6
5 21	14 15.47	− 5 14.2	2.228	3.159	8.6	19.8
5 31	14 9.68	− 5 22.0	2.299	3.158	11.5	20.0

250081 2002 ED_{158} 4 30.4 319°.07 2°.2/ 1.6 17

3 22	14 55.55	−20 5.6	1.307	2.125	19.7	20.4
4 1	14 53.63	−20 20.3	1.216	2.110	16.0	20.1
4 11	14 48.40	−20 19.5	1.143	2.095	11.6	19.8
4 21	14 40.37	−20 2.6	1.091	2.082	6.5	19.5
5 1	14 30.63	−19 31.2	1.062	2.068	2.2	19.2
5 11	14 20.74	−18 50.3	1.057	2.056	6.0	19.4
5 21	14 12.25	−18 7.5	1.075	2.044	11.4	19.6
5 31	14 6.42	−17 30.7	1.114	2.032	16.4	19.9

420861 2013 KE_2 4 30.4 312°.07 0°.6/30.8 17

3 22	14 53.36	−19 34.3	1.344	2.164	19.1	20.9
4 1	14 51.72	−19 10.1	1.250	2.147	15.4	20.6
4 11	14 46.95	−18 26.6	1.175	2.131	10.9	20.3
4 21	14 39.59	−17 24.8	1.121	2.115	5.7	19.9
5 1	14 30.68	−16 9.5	1.091	2.099	0.6	19.5
5 11	14 21.70	−14 48.8	1.086	2.084	6.0	19.8
5 21	14 14.04	−13 32.6	1.104	2.069	11.6	20.1
5 31	14 8.87	−12 29.9	1.143	2.055	16.6	20.3

83793 2001 TF_{211} 4 30.4 73°.33 2°.1/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.01	−23 33.7	2.169	2.940	14.4	19.6
4 1	14 51.49	−23 19.4	2.083	2.947	11.6	19.5
4 11	14 45.87	−22 50.9	2.017	2.954	8.4	19.3
4 21	14 38.70	−22 9.0	1.977	2.960	4.9	19.1
5 1	14 30.76	−21 16.0	1.963	2.967	2.1	18.9
5 11	14 22.98	−20 16.5	1.978	2.973	4.0	19.0
5 21	14 16.18	−19 15.9	2.020	2.980	7.5	19.2
5 31	14 11.04	−18 19.6	2.087	2.987	10.7	19.4

297760 2001 XR_{127} 4 30.4 223°.67 2°.9/27.9 18

3 22	14 56.67	− 6 21.9	2.562	3.360	11.7	21.1
4 1	14 52.35	− 5 59.4	2.467	3.353	9.2	20.9
4 11	14 46.27	− 5 34.8	2.395	3.346	6.4	20.7
4 21	14 38.86	− 5 11.0	2.351	3.339	3.8	20.5
5 1	14 30.75	− 4 51.1	2.335	3.332	3.1	20.5
5 11	14 22.68	− 4 38.2	2.348	3.324	5.4	20.6
5 21	14 15.34	− 4 34.5	2.389	3.316	8.3	20.8
5 31	14 9.33	− 4 41.7	2.455	3.308	11.0	20.9

386531 2009 CQ_{23} 4 30.4 178°.61 5°.4/25.1 17

3 22	14 54.38	− 0 57.0	2.324	3.135	12.3	21.4
4 1	14 50.66	+ 0 9.8	2.246	3.136	9.8	21.3
4 11	14 45.13	+ 1 16.9	2.192	3.136	7.3	21.1
4 21	14 38.28	+ 2 19.2	2.164	3.136	5.6	21.0
5 1	14 30.79	+ 3 11.1	2.164	3.136	5.8	21.0
5 11	14 23.43	+ 3 48.4	2.191	3.136	7.8	21.1
5 21	14 16.88	+ 4 8.4	2.243	3.136	10.3	21.3
5 31	14 11.74	+ 4 10.4	2.318	3.135	12.8	21.5

327226 2005 QQ_{100} 4 30.4 272°.92 0°.6/29.9 18

3 22	14 57.15	−16 15.3	1.848	2.648	15.4	21.6
4 1	14 53.79	−15 46.8	1.738	2.626	12.4	21.3
4 11	14 47.89	−15 5.8	1.650	2.603	8.6	21.1
4 21	14 39.91	−14 13.9	1.586	2.579	4.3	20.7
5 1	14 30.68	−13 15.2	1.548	2.556	0.8	20.4
5 11	14 21.31	−12 15.4	1.539	2.532	5.3	20.7
5 21	14 12.88	−11 20.9	1.555	2.507	10.0	20.9
5 31	14 6.35	−10 37.5	1.595	2.483	14.1	21.1

353576 2011 SM_{256} 4 30.4 208°.30 2°.2/28.0 18

3 22	14 53.16	−10 41.6	2.693	3.490	11.2	21.6
4 1	14 49.51	− 9 49.2	2.599	3.486	8.7	21.4
4 11	14 44.26	− 8 50.6	2.529	3.482	6.0	21.2
4 21	14 37.84	− 7 48.9	2.486	3.478	3.2	21.0
5 1	14 30.83	− 6 48.4	2.473	3.473	2.4	20.9
5 11	14 23.89	− 5 53.2	2.489	3.468	4.8	21.1
5 21	14 17.63	− 5 7.0	2.532	3.462	7.7	21.3
5 31	14 12.59	− 4 32.5	2.601	3.457	10.4	21.4

380741 2005 SM_{89} 4 30.4 218°.94 3°.9/ 2.8 17

3 22	15 3.90	−24 35.2	2.087	2.839	15.4	21.6
4 1	14 58.95	−25 20.0	1.984	2.833	12.8	21.4
4 11	14 51.35	−25 53.8	1.903	2.826	9.6	21.2
4 21	14 41.60	−26 14.1	1.846	2.819	6.3	21.0
5 1	14 30.58	−26 19.8	1.817	2.812	4.0	20.8
5 11	14 19.43	−26 12.1	1.815	2.804	5.3	20.9
5 21	14 9.29	−25 54.7	1.841	2.795	8.5	21.0
5 31	14 1.12	−25 32.9	1.893	2.787	11.9	21.2

473227 2015 KO_{147} 4 30.4 302°.78 8°.4/22.1 16

3 22	14 53.41	+ 7 46.7	2.176	2.986	13.1	20.8
4 1	14 50.12	+ 9 5.7	2.099	2.976	11.0	20.7
4 11	14 44.89	+10 19.4	2.046	2.966	9.3	20.5
4 21	14 38.22	+11 20.9	2.017	2.956	8.4	20.5
5 1	14 30.80	+12 4.1	2.013	2.946	9.0	20.5
5 11	14 23.47	+12 24.7	2.034	2.936	10.7	20.6
5 21	14 16.98	+12 21.0	2.078	2.926	12.9	20.7
5 31	14 11.96	+11 54.0	2.142	2.917	15.0	20.8

386968 2012 BR_{61} 4 30.4 12°.75 0°.0/30.6 18

3 22	14 39.05	−16 5.2	11.674	12.445	3.0	20.4
4 1	14 37.43	−15 58.6	11.585	12.456	2.3	20.4
4 11	14 35.51	−15 50.5	11.522	12.467	1.6	20.3
4 21	14 33.37	−15 41.1	11.488	12.479	0.8	20.2
5 1	14 31.13	−15 31.1	11.483	12.490	0.1	20.1
5 11	14 28.90	−15 21.0	11.508	12.502	0.9	20.2
5 21	14 26.80	−15 11.3	11.563	12.514	1.6	20.3
5 31	14 24.93	−15 2.5	11.645	12.526	2.4	20.4

91077 1998 FN_{106} 4 30.4 25°.35 7°.2/ 4.5 17

3 22	15 1.85	−30 15.8	1.691	2.442	18.6	19.4
4 1	14 58.05	−31 29.1	1.608	2.445	15.8	19.2
4 11	14 51.10	−32 26.0	1.543	2.450	12.6	19.0
4 21	14 41.58	−33 2.0	1.500	2.454	9.5	18.9
5 1	14 30.58	−33 14.1	1.482	2.459	7.3	18.7
5 11	14 19.58	−33 3.1	1.488	2.464	7.8	18.8
5 21	14 9.96	−32 34.1	1.519	2.470	10.3	18.9
5 31	14 2.84	−31 54.9	1.574	2.476	13.4	19.1

182936 2002 GC_{42} 4 30.4 11°.32 0°.6/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.02	−20 12.1	2.084	2.875	14.2	19.3
4 1	14 49.21	−19 36.6	1.996	2.877	11.3	19.1
4 11	14 44.35	−18 47.3	1.931	2.879	7.9	18.9
4 21	14 37.96	−17 46.5	1.890	2.881	4.1	18.7
5 1	14 30.83	−16 37.9	1.876	2.884	0.6	18.4
5 11	14 23.84	−15 27.1	1.891	2.887	4.1	18.7
5 21	14 17.79	−14 20.0	1.932	2.891	7.9	18.9
5 31	14 13.34	−13 21.8	1.999	2.894	11.3	19.1

146183 2000 SK_{327} 4 30.4 151°.06 4°.1/25.3 18

3 22	14 53.76	− 0 33.9	3.228	4.024	9.5	21.5
4 1	14 49.57	+ 0 21.6	3.153	4.034	7.6	21.4
4 11	14 44.08	+ 1 16.6	3.104	4.043	5.6	21.2
4 21	14 37.68	+ 2 7.4	3.082	4.052	4.3	21.2
5 1	14 30.86	+ 2 50.7	3.090	4.061	4.4	21.2
5 11	14 24.17	+ 3 23.5	3.127	4.069	5.9	21.3
5 21	14 18.08	+ 3 44.1	3.191	4.076	7.8	21.4
5 31	14 13.01	+ 3 51.6	3.280	4.083	9.7	21.6

198805 2005 EE_{190} 4 30.4 202°.12 1°.8/28.7 18

3 22	14 55.91	−11 53.0	2.339	3.136	12.7	21.3
4 1	14 51.96	−11 14.4	2.246	3.133	10.0	21.1
4 11	14 46.10	−10 28.7	2.176	3.130	6.8	20.9
4 21	14 38.81	− 9 38.9	2.133	3.126	3.5	20.7
5 1	14 30.79	− 8 48.9	2.118	3.122	2.0	20.5
5 11	14 22.84	− 8 3.3	2.132	3.117	5.0	20.7
5 21	14 15.72	− 7 26.0	2.173	3.112	8.4	20.9
5 31	14 10.05	− 6 59.9	2.239	3.107	11.4	21.1

410803 2009 JP_{3} 4 30.4 326°.90 6°.1/26.4 17

3 22	14 55.50	− 4 41.8	1.427	2.263	17.3	20.5
4 1	14 52.83	− 3 37.7	1.351	2.258	13.8	20.2
4 11	14 47.32	− 2 28.9	1.294	2.252	9.9	20.0
4 21	14 39.61	− 1 22.8	1.261	2.247	6.7	19.8
5 1	14 30.73	− 0 27.5	1.253	2.242	6.5	19.7
5 11	14 21.98	+ 0 9.3	1.268	2.238	9.7	19.9
5 21	14 14.53	+ 0 23.3	1.307	2.233	13.7	20.1
5 31	14 9.30	+ 0 13.1	1.365	2.230	17.5	20.3

501080 2013 SK_{55} 4 30.4 227°.41 2°.2/28.3 17

3 22	14 57.04	−12 33.1	2.360	3.153	12.7	23.1
4 1	14 52.90	−11 30.3	2.255	3.140	10.0	22.9
4 11	14 46.79	−10 17.8	2.173	3.126	6.8	22.7
4 21	14 39.18	− 8 58.9	2.119	3.111	3.6	22.4
5 1	14 30.76	− 7 38.8	2.093	3.095	2.4	22.3
5 11	14 22.36	− 6 23.3	2.098	3.079	5.4	22.5
5 21	14 14.75	− 5 17.7	2.130	3.062	8.9	22.7
5 31	14 8.60	− 4 26.1	2.188	3.044	12.1	22.8

435987 2009 EM_{12} 4 30.4 81°.40 5°.8/25.4 17

3 22	14 55.36	+ 0 31.0	2.166	2.979	13.0	20.9
4 1	14 51.48	+ 1 26.6	2.099	2.988	10.5	20.8
4 11	14 45.71	+ 2 20.3	2.055	2.997	7.9	20.6
4 21	14 38.57	+ 3 6.9	2.036	3.006	6.0	20.5
5 1	14 30.81	+ 3 41.4	2.044	3.016	6.2	20.5
5 11	14 23.25	+ 4 0.0	2.079	3.025	8.1	20.7
5 21	14 16.61	+ 4 1.0	2.139	3.034	10.7	20.8
5 31	14 11.49	+ 3 44.4	2.221	3.043	13.1	21.0

158904 2004 RN_{3} 4 30.4 275°.20 2°.4/29.0 17

3 22	14 59.79	−11 24.8	1.513	2.330	17.4	20.6
4 1	14 56.49	−11 1.2	1.411	2.308	14.0	20.3
4 11	14 50.14	−10 28.4	1.328	2.286	9.7	19.9
4 21	14 41.19	− 9 49.5	1.269	2.263	5.0	19.6
5 1	14 30.63	− 9 9.3	1.235	2.239	2.7	19.4
5 11	14 19.83	− 8 34.2	1.227	2.216	7.1	19.6
5 21	14 10.16	− 8 10.3	1.243	2.192	12.2	19.8
5 31	14 2.80	− 8 2.1	1.281	2.168	16.9	20.0

168386 1997 SR_{23} 4 30.4 274°.77 0°.5/30.8 17

3 22	14 55.87	−17 52.4	2.121	2.911	14.1	21.0
4 1	14 52.28	−17 43.7	2.025	2.905	11.2	20.7
4 11	14 46.52	−17 24.9	1.951	2.899	7.8	20.5
4 21	14 39.10	−16 57.0	1.902	2.893	4.0	20.3
5 1	14 30.78	−16 22.6	1.880	2.887	0.5	20.0
5 11	14 22.49	−15 45.6	1.886	2.882	4.2	20.3
5 21	14 15.11	−15 10.3	1.919	2.876	8.1	20.5
5 31	14 9.38	−14 41.2	1.977	2.870	11.6	20.7

522993 2016 PL_{120} 4 30.4 255°.06 3°.6/27.5 18

3 22	14 56.48	− 4 17.0	2.426	3.229	12.1	21.7
4 1	14 52.32	− 3 53.2	2.333	3.221	9.6	21.5
4 11	14 46.32	− 3 28.6	2.264	3.213	6.8	21.3
4 21	14 38.93	− 3 6.5	2.221	3.206	4.3	21.1
5 1	14 30.80	− 2 50.3	2.206	3.198	3.8	21.1
5 11	14 22.72	− 2 43.1	2.220	3.190	6.0	21.2
5 21	14 15.40	− 2 47.1	2.260	3.182	8.9	21.4
5 31	14 9.46	− 3 3.3	2.325	3.174	11.7	21.6

56695 2000 LG_{26} 4 30.4 311°.38 8°.2/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.50	− 2 17.4	1.467	2.310	16.6	18.2
4 1	14 49.88	− 0 31.1	1.369	2.278	13.5	17.9
4 11	14 45.51	+ 1 24.3	1.292	2.246	10.3	17.7
4 21	14 38.86	+ 3 19.6	1.238	2.214	8.3	17.5
5 1	14 30.79	+ 5 2.8	1.209	2.183	9.1	17.4
5 11	14 22.53	+ 6 22.8	1.204	2.152	12.4	17.5
5 21	14 15.29	+ 7 12.0	1.220	2.122	16.4	17.6
5 31	14 10.14	+ 7 27.2	1.253	2.092	20.2	17.8

391058 2005 UJ_{36} 4 30.4 288°.19 0°.9/29.8 18

3 22	14 58.92	−11 43.0	2.336	3.126	12.9	20.7
4 1	14 54.58	−11 51.4	2.222	3.104	10.2	20.4
4 11	14 48.11	−11 56.0	2.130	3.081	7.1	20.2
4 21	14 39.94	−11 57.9	2.065	3.058	3.5	19.9
5 1	14 30.74	−11 58.8	2.029	3.035	1.0	19.7
5 11	14 21.38	−12 1.3	2.021	3.012	4.5	19.9
5 21	14 12.74	−12 7.6	2.041	2.989	8.3	20.1
5 31	14 5.58	−12 20.1	2.087	2.966	11.7	20.3

423281 2004 YN_{19} 4 30.4 197°.01 3°.1/27.8 17

3 22	14 56.52	− 7 45.5	2.196	3.001	13.1	21.6
4 1	14 52.53	− 7 7.2	2.109	3.000	10.3	21.4
4 11	14 46.54	− 6 24.7	2.045	2.998	7.1	21.2
4 21	14 39.05	− 5 41.6	2.006	2.996	4.1	21.0
5 1	14 30.80	− 5 2.3	1.996	2.994	3.4	20.9
5 11	14 22.64	− 4 31.2	2.014	2.991	6.0	21.1
5 21	14 15.37	− 4 11.5	2.059	2.988	9.3	21.3
5 31	14 9.63	− 4 5.2	2.127	2.985	12.3	21.5

110975 2001 UU_{179} 4 30.4 103°.14 7°.6/24.3 18

3 22	14 58.07	+ 3 17.6	1.908	2.721	14.5	19.6
4 1	14 53.78	+ 4 36.3	1.852	2.737	11.8	19.4
4 11	14 47.34	+ 5 50.9	1.818	2.753	9.3	19.3
4 21	14 39.39	+ 6 54.4	1.809	2.768	7.7	19.2
5 1	14 30.79	+ 7 40.3	1.827	2.783	8.0	19.3
5 11	14 22.49	+ 8 4.4	1.870	2.798	10.0	19.4
5 21	14 15.32	+ 8 5.4	1.937	2.813	12.5	19.6
5 31	14 9.92	+ 7 44.4	2.025	2.827	14.9	19.8

509053 2005 SJ_{285} 4 30.4 167°.96 5°.2/25.1 17

3 22	14 53.31	+ 0 0.7	2.525	3.334	11.5	21.9
4 1	14 49.68	+ 0 58.9	2.447	3.335	9.2	21.8
4 11	14 44.40	+ 1 56.3	2.393	3.335	6.9	21.6
4 21	14 37.94	+ 2 48.4	2.366	3.336	5.3	21.5
5 1	14 30.89	+ 3 30.6	2.366	3.337	5.5	21.5
5 11	14 23.95	+ 3 59.0	2.394	3.337	7.3	21.6
5 21	14 17.75	+ 4 11.8	2.447	3.337	9.7	21.8
5 31	14 12.83	+ 4 8.1	2.523	3.338	11.9	21.9

176775 2002 RG_{228} 4 30.4 284°.89 3°.8/28.2 17

3 22	14 58.67	− 7 30.2	1.595	2.416	16.5	20.3
4 1	14 55.26	− 7 3.2	1.500	2.400	13.2	20.1
4 11	14 49.05	− 6 31.3	1.426	2.383	9.2	19.8
4 21	14 40.55	− 5 58.8	1.376	2.367	5.3	19.5
5 1	14 30.71	− 5 30.9	1.351	2.351	4.1	19.4
5 11	14 20.78	− 5 13.4	1.352	2.334	7.6	19.5
5 21	14 11.98	− 5 10.2	1.378	2.318	12.0	19.7
5 31	14 5.31	− 5 23.9	1.425	2.302	16.2	20.0

105933 2000 SG_{224} 4 30.4 179°.58 0°.8/29.6 18

3 22	14 54.83	−13 52.8	2.907	3.690	10.8	21.2
4 1	14 50.71	−13 29.2	2.813	3.691	8.5	21.1
4 11	14 45.03	−12 59.6	2.742	3.692	5.8	20.9
4 21	14 38.24	−12 25.6	2.699	3.692	2.8	20.7
5 1	14 30.87	−11 50.0	2.686	3.692	0.9	20.5
5 11	14 23.58	−11 15.8	2.702	3.692	3.7	20.7
5 21	14 16.95	−10 46.0	2.747	3.691	6.6	20.9
5 31	14 11.49	−10 23.1	2.818	3.690	9.2	21.1

154696 2004 HX_{61} 4 30.4 345°.02 3°.9/ 2.4 15

3 22	14 58.43	−22 47.1	1.225	2.036	21.1	19.8
4 1	14 56.12	−23 18.9	1.146	2.033	17.4	19.5
4 11	14 50.21	−23 33.3	1.084	2.029	12.8	19.3
4 21	14 41.30	−23 27.9	1.041	2.027	7.8	19.0
5 1	14 30.67	−23 2.9	1.022	2.025	4.0	18.7
5 11	14 20.06	−22 23.2	1.026	2.023	6.5	18.9
5 21	14 11.12	−21 36.7	1.053	2.022	11.5	19.1
5 31	14 5.12	−20 52.6	1.100	2.021	16.4	19.4

455725 2005 GA_{126} 4 30.4 349°.50 1°.1/30.9 17

3 22	14 54.14	−17 23.9	1.195	2.028	20.2	20.7
4 1	14 52.60	−17 38.2	1.116	2.021	16.3	20.4
4 11	14 47.70	−17 38.9	1.056	2.014	11.5	20.1
4 21	14 40.02	−17 26.7	1.015	2.009	6.0	19.8
5 1	14 30.75	−17 4.2	0.998	2.005	1.1	19.5
5 11	14 21.51	−16 36.9	1.003	2.002	6.1	19.8
5 21	14 13.81	−16 11.5	1.031	2.000	11.7	20.1
5 31	14 8.84	−15 54.7	1.079	2.000	16.6	20.4

368272 2002 CB_{215} 4 30.4 178°.13 1°.8/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.27	−22 42.1	2.805	3.552	12.0	21.7
4 1	14 55.13	−22 41.2	2.704	3.554	9.7	21.5
4 11	14 48.15	−22 30.1	2.627	3.556	7.0	21.4
4 21	14 39.82	−22 8.6	2.576	3.557	4.1	21.2
5 1	14 30.78	−21 38.2	2.555	3.558	1.9	21.0
5 11	14 21.81	−21 1.5	2.564	3.557	3.5	21.1
5 21	14 13.62	−20 22.0	2.602	3.556	6.4	21.3
5 31	14 6.82	−19 43.9	2.667	3.553	9.2	21.5

497016 2003 FC_{74} 4 30.4 11°.23 5°.1/27.3 17

3 22	14 50.18	− 7 54.6	1.163	2.020	19.1	20.2
4 1	14 49.06	− 6 55.8	1.104	2.024	15.0	20.0
4 11	14 44.90	− 5 49.5	1.063	2.029	10.4	19.7
4 21	14 38.44	− 4 43.3	1.044	2.036	6.2	19.5
5 1	14 30.87	− 3 46.4	1.047	2.045	5.5	19.5
5 11	14 23.60	− 3 7.0	1.073	2.055	9.2	19.7
5 21	14 17.84	− 2 49.9	1.121	2.066	13.6	20.0
5 31	14 14.48	− 2 56.7	1.187	2.079	17.7	20.3

421238 2013 SV_{43} 4 30.4 231°.76 7°.1/23.8 17

3 22	14 57.13	+ 2 53.8	2.159	2.967	13.2	21.2
4 1	14 53.09	+ 4 11.9	2.072	2.955	10.9	21.0
4 11	14 46.99	+ 5 28.9	2.009	2.943	8.6	20.8
4 21	14 39.32	+ 6 38.3	1.972	2.930	7.2	20.7
5 1	14 30.82	+ 7 33.3	1.961	2.917	7.6	20.7
5 11	14 22.35	+ 8 8.8	1.977	2.903	9.6	20.8
5 21	14 14.75	+ 8 22.3	2.017	2.889	12.2	21.0
5 31	14 8.70	+ 8 13.4	2.079	2.874	14.8	21.1

502341 2015 BB_{191} 4 30.4 64°.40 7°.3/ 5.9 17

3 22	15 0.97	−33 44.2	1.787	2.519	18.3	20.9
4 1	14 57.08	−34 32.9	1.711	2.533	15.7	20.7
4 11	14 50.21	−35 1.3	1.653	2.546	12.7	20.6
4 21	14 41.05	−35 5.5	1.616	2.560	9.7	20.4
5 1	14 30.71	−34 44.2	1.603	2.574	7.6	20.3
5 11	14 20.57	−34 0.2	1.615	2.588	7.6	20.4
5 21	14 11.88	−32 59.8	1.653	2.602	9.7	20.5
5 31	14 5.58	−31 51.7	1.714	2.617	12.5	20.7

374443 2005 WC_{188} 4 30.4 177°.17 0°.9/29.7 17

3 22	14 59.28	−13 39.7	2.343	3.129	13.0	22.2
4 1	14 54.60	−13 21.9	2.252	3.131	10.2	22.0
4 11	14 47.91	−12 57.1	2.183	3.133	7.0	21.8
4 21	14 39.74	−12 27.2	2.141	3.134	3.4	21.6
5 1	14 30.80	−11 55.2	2.128	3.135	1.0	21.4
5 11	14 21.95	−11 24.8	2.144	3.134	4.4	21.6
5 21	14 13.98	−10 59.4	2.188	3.134	7.9	21.8
5 31	14 7.56	−10 42.0	2.258	3.132	11.1	22.0

414033 2007 QT_{5} 4 30.4 291°.86 3°.6/28.1 17

3 22	14 56.39	−10 37.6	1.417	2.247	17.8	21.5
4 1	14 54.00	− 9 49.8	1.315	2.220	14.2	21.2
4 11	14 48.54	− 8 49.9	1.233	2.194	9.9	20.9
4 21	14 40.47	− 7 42.4	1.173	2.167	5.4	20.6
5 1	14 30.74	− 6 34.4	1.138	2.140	4.0	20.4
5 11	14 20.75	− 5 34.7	1.128	2.113	8.3	20.6
5 21	14 11.89	− 4 51.2	1.140	2.086	13.5	20.8
5 31	14 5.37	− 4 29.5	1.173	2.059	18.3	21.0

333790 2011 GJ_{75} 4 30.4 210°.97 3°.3/27.7 18

3 22	14 56.57	− 7 56.7	2.102	2.910	13.6	21.1
4 1	14 52.69	− 7 14.0	2.014	2.906	10.7	20.9
4 11	14 46.73	− 6 26.4	1.949	2.903	7.4	20.7
4 21	14 39.19	− 5 37.9	1.909	2.899	4.3	20.5
5 1	14 30.84	− 4 53.3	1.898	2.895	3.5	20.4
5 11	14 22.57	− 4 17.2	1.914	2.891	6.3	20.6
5 21	14 15.22	− 3 53.4	1.956	2.886	9.7	20.8
5 31	14 9.47	− 3 44.1	2.022	2.881	12.8	21.0

308704 2006 FL_{40} 4 30.4 346°.49 1°.5/ 1.1 17

3 22	14 58.11	−17 36.9	1.250	2.073	20.1	20.7
4 1	14 55.66	−18 1.3	1.170	2.068	16.2	20.4
4 11	14 49.78	−18 13.7	1.109	2.064	11.5	20.1
4 21	14 41.06	−18 13.7	1.068	2.060	6.1	19.8
5 1	14 30.72	−18 2.9	1.050	2.057	1.5	19.5
5 11	14 20.38	−17 45.8	1.057	2.055	6.0	19.8
5 21	14 11.61	−17 28.1	1.086	2.053	11.5	20.0
5 31	14 5.60	−17 16.3	1.137	2.052	16.4	20.3

91875 1999 UF_{44} 4 30.4 246°.82 2°.5/ 2.1 18

3 22	15 1.32	−21 20.7	2.525	3.281	13.0	19.1
4 1	14 56.31	−22 2.9	2.424	3.278	10.5	18.9
4 11	14 49.20	−22 37.4	2.346	3.276	7.7	18.7
4 21	14 40.45	−23 3.0	2.294	3.274	4.7	18.5
5 1	14 30.77	−23 19.3	2.271	3.271	2.5	18.3
5 11	14 21.03	−23 27.4	2.277	3.269	4.0	18.4
5 21	14 12.09	−23 29.6	2.312	3.266	7.1	18.6
5 31	14 4.67	−23 29.2	2.374	3.264	10.0	18.8

55030 2001 QP_{45} 4 30.4 117°.73 5°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.83	+ 0 34.5	2.235	3.046	12.7	19.2
4 1	14 51.06	+ 1 40.2	2.164	3.052	10.2	19.1
4 11	14 45.44	+ 2 44.7	2.117	3.058	7.7	18.9
4 21	14 38.48	+ 3 42.5	2.095	3.064	6.1	18.8
5 1	14 30.90	+ 4 28.1	2.101	3.069	6.3	18.8
5 11	14 23.48	+ 4 57.5	2.134	3.075	8.2	19.0
5 21	14 16.94	+ 5 8.6	2.191	3.080	10.7	19.1
5 31	14 11.87	+ 5 1.1	2.271	3.085	13.1	19.3

175574 2006 TV_{54} 4 30.4 95°.84 2°.5/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.56	− 6 20.8	2.340	3.133	12.8	19.7
4 1	14 56.29	− 6 28.7	2.257	3.140	10.1	19.5
4 11	14 49.01	− 6 36.2	2.197	3.147	7.0	19.3
4 21	14 40.27	− 6 45.2	2.164	3.154	3.8	19.1
5 1	14 30.79	− 6 57.7	2.160	3.160	2.6	19.0
5 11	14 21.44	− 7 15.8	2.185	3.167	5.1	19.2
5 21	14 13.00	− 7 40.6	2.239	3.174	8.3	19.4
5 31	14 6.12	− 8 12.9	2.318	3.181	11.2	19.6

505328 2013 AY_{1} 4 30.4 199°.18 4°.7/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.85	− 1 22.2	2.582	3.386	11.4	21.7
4 1	14 50.88	− 0 27.1	2.497	3.383	9.1	21.5
4 11	14 45.24	+ 0 28.4	2.436	3.380	6.7	21.4
4 21	14 38.39	+ 1 19.8	2.403	3.377	5.0	21.3
5 1	14 30.91	+ 2 2.7	2.397	3.373	5.0	21.3
5 11	14 23.52	+ 2 33.3	2.420	3.369	6.9	21.4
5 21	14 16.86	+ 2 49.4	2.468	3.365	9.4	21.5
5 31	14 11.48	+ 2 49.8	2.541	3.360	11.7	21.7

95183 2002 BB_{9} 4 30.4 93°.99 7°.1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.39	+ 1 34.1	1.890	2.706	14.5	19.6
4 1	14 53.30	+ 2 50.1	1.832	2.722	11.7	19.4
4 11	14 47.05	+ 4 3.4	1.797	2.737	9.0	19.3
4 21	14 39.29	+ 5 7.1	1.787	2.753	7.2	19.2
5 1	14 30.86	+ 5 54.9	1.803	2.768	7.5	19.2
5 11	14 22.74	+ 6 22.2	1.846	2.783	9.5	19.4
5 21	14 15.73	+ 6 27.4	1.912	2.797	12.2	19.6
5 31	14 10.48	+ 6 11.2	1.999	2.812	14.7	19.8

281853 2010 CS_{78} 4 30.4 175°.76 2°.3/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.05	−10 28.6	2.199	3.001	13.2	21.3
4 1	14 52.17	− 9 49.2	2.112	3.002	10.3	21.1
4 11	14 46.30	− 9 3.7	2.049	3.003	7.1	20.9
4 21	14 38.96	− 8 15.3	2.012	3.004	3.7	20.7
5 1	14 30.88	− 7 28.3	2.003	3.004	2.5	20.6
5 11	14 22.92	− 6 47.4	2.022	3.005	5.4	20.8
5 21	14 15.84	− 6 16.3	2.068	3.004	8.8	21.0
5 31	14 10.30	− 5 57.7	2.138	3.004	11.9	21.2

371224 2006 BG_{50} 4 30.4 185°.63 2°.1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.13	−23 59.1	2.808	3.550	12.1	22.8
4 1	14 55.06	−23 57.6	2.704	3.550	9.9	22.7
4 11	14 48.15	−23 45.1	2.623	3.549	7.2	22.5
4 21	14 39.85	−23 21.4	2.569	3.548	4.4	22.3
5 1	14 30.83	−22 47.7	2.544	3.545	2.2	22.1
5 11	14 21.87	−22 6.7	2.549	3.542	3.6	22.2
5 21	14 13.67	−21 22.2	2.583	3.538	6.4	22.4
5 31	14 6.87	−20 38.4	2.645	3.533	9.2	22.6

68277 2001 FQ_{3} 4 30.4 336°.69 1°.2/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.31	−17 1.2	1.435	2.247	18.5	19.2
4 1	14 56.18	−17 26.3	1.350	2.241	14.9	18.9
4 11	14 49.91	−17 41.4	1.283	2.236	10.5	18.7
4 21	14 41.07	−17 46.3	1.239	2.231	5.6	18.4
5 1	14 30.75	−17 42.4	1.220	2.227	1.2	18.0
5 11	14 20.40	−17 33.0	1.226	2.223	5.6	18.3
5 21	14 11.43	−17 23.0	1.256	2.220	10.6	18.6
5 31	14 4.95	−17 17.7	1.308	2.217	15.2	18.9

276151 2002 JE_{112} 4 30.4 358°.98 5°.5/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 51.73	−29 4.7	1.435	2.222	19.7	19.6
4 1	14 50.35	−29 23.1	1.353	2.219	16.5	19.4
4 11	14 45.92	−29 18.5	1.288	2.217	12.8	19.1
4 21	14 39.06	−28 48.7	1.243	2.216	8.8	18.9
5 1	14 30.88	−27 54.4	1.222	2.216	5.8	18.7
5 11	14 22.81	−26 41.2	1.224	2.217	6.5	18.8
5 21	14 16.17	−25 17.8	1.250	2.219	10.1	19.0
5 31	14 11.97	−23 54.6	1.298	2.223	14.1	19.2

291328 2006 BZ_{195} 4 30.4 312°.98 2°.7/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.13	−22 48.5	1.708	2.499	16.9	20.6
4 1	14 52.53	−22 56.4	1.608	2.483	13.8	20.4
4 11	14 47.21	−22 49.0	1.527	2.468	10.1	20.1
4 21	14 39.68	−22 25.7	1.469	2.453	6.0	19.9
5 1	14 30.84	−21 47.6	1.436	2.439	2.8	19.6
5 11	14 21.92	−20 59.1	1.429	2.425	5.1	19.7
5 21	14 14.09	−20 6.5	1.447	2.411	9.4	19.9
5 31	14 8.34	−19 16.8	1.488	2.398	13.6	20.1

39449 3486 $T\text{-}_{3}$ 4 30.4 137°.03 0°.3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.34	−17 35.5	2.852	3.626	11.2	21.0
4 1	14 51.13	−17 19.5	2.764	3.636	8.9	20.8
4 11	14 45.34	−16 55.7	2.701	3.645	6.1	20.6
4 21	14 38.41	−16 25.4	2.664	3.655	3.1	20.5
5 1	14 30.94	−15 50.8	2.656	3.664	0.3	20.2
5 11	14 23.58	−15 15.0	2.678	3.672	3.3	20.5
5 21	14 16.95	−14 41.2	2.729	3.681	6.2	20.7
5 31	14 11.55	−14 12.3	2.806	3.689	8.9	20.9

119570 2001 VC_{84} 4 30.4 170°.18 3°.1/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.57	− 8 1.9	2.011	2.817	14.1	20.1
4 1	14 54.33	− 7 27.9	1.928	2.819	11.1	19.9
4 11	14 47.88	− 6 49.6	1.867	2.821	7.7	19.7
4 21	14 39.79	− 6 10.6	1.832	2.823	4.3	19.5
5 1	14 30.86	− 5 35.5	1.825	2.824	3.4	19.4
5 11	14 22.06	− 5 8.7	1.846	2.825	6.2	19.6
5 21	14 14.27	− 4 53.5	1.893	2.825	9.8	19.8
5 31	14 8.19	− 4 52.1	1.963	2.826	13.0	20.0

379746 2011 GP_{72} 4 30.4 47°.71 1°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.85	−11 46.5	1.867	2.672	15.1	20.9
4 1	14 54.83	−11 40.0	1.782	2.672	11.9	20.7
4 11	14 48.39	−11 27.4	1.719	2.673	8.2	20.5
4 21	14 40.10	−11 11.1	1.680	2.674	4.1	20.2
5 1	14 30.85	−10 54.1	1.668	2.674	1.6	20.1
5 11	14 21.69	−10 40.3	1.684	2.675	5.3	20.3
5 21	14 13.60	−10 33.0	1.726	2.675	9.4	20.5
5 31	14 7.39	−10 35.2	1.792	2.676	13.0	20.8

304721 2006 XZ_{18} 4 30.4 184°.76 8°.6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.51	−49 56.9	3.193	3.764	13.5	21.0
4 1	14 58.33	−50 42.4	3.091	3.763	12.4	20.9
4 11	14 50.74	−51 9.7	3.006	3.763	11.2	20.8
4 21	14 41.26	−51 15.3	2.941	3.762	10.0	20.7
5 1	14 30.77	−50 56.6	2.898	3.761	9.0	20.6
5 11	14 20.35	−50 14.1	2.879	3.759	8.6	20.6
5 21	14 10.98	−49 10.7	2.885	3.757	9.0	20.6
5 31	14 3.48	−47 51.8	2.915	3.754	9.9	20.6

174057 2002 CG_{127} 4 30.4 138°.22 2°.1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.43	− 9 38.6	2.727	3.522	11.1	20.8
4 1	14 50.43	− 9 0.3	2.645	3.531	8.7	20.6
4 11	14 44.87	− 8 17.7	2.587	3.539	5.9	20.5
4 21	14 38.18	− 7 33.5	2.556	3.547	3.2	20.3
5 1	14 30.97	− 6 51.4	2.555	3.555	2.3	20.3
5 11	14 23.89	− 6 14.7	2.583	3.562	4.6	20.4
5 21	14 17.53	− 5 46.4	2.638	3.569	7.4	20.6
5 31	14 12.39	− 5 28.4	2.719	3.576	10.0	20.8

199131 2005 YC_{96} 4 30.4 153°.40 0°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.03	−17 45.2	1.625	2.421	17.4	21.3
4 1	14 57.76	−17 37.4	1.544	2.427	13.9	21.1
4 11	14 50.63	−17 17.2	1.482	2.432	9.7	20.8
4 21	14 41.28	−16 45.5	1.444	2.436	4.9	20.6
5 1	14 30.80	−16 5.7	1.433	2.441	0.5	20.2
5 11	14 20.48	−15 23.1	1.449	2.444	5.2	20.6
5 21	14 11.52	−14 43.6	1.490	2.447	9.9	20.9
5 31	14 4.84	−14 12.7	1.555	2.450	14.0	21.1

275604 1999 WO_{10} 4 30.4 205°.36 0°.3/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.56	−14 35.8	2.307	3.091	13.2	21.3
4 1	14 54.98	−14 33.8	2.209	3.087	10.5	21.1
4 11	14 48.30	−14 25.1	2.134	3.083	7.2	20.9
4 21	14 40.02	−14 10.8	2.086	3.078	3.6	20.7
5 1	14 30.88	−13 53.1	2.066	3.073	0.4	20.4
5 11	14 21.76	−13 35.1	2.074	3.067	4.2	20.7
5 21	14 13.49	−13 19.9	2.111	3.061	7.9	20.9
5 31	14 6.79	−13 10.7	2.174	3.055	11.2	21.1

57711 2001 UV_{121} 4 30.4 85°.43 2°.0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.09	−10 10.3	2.276	3.077	12.9	19.7
4 1	14 52.06	− 9 46.8	2.199	3.088	10.1	19.5
4 11	14 46.15	− 9 18.6	2.145	3.099	6.8	19.3
4 21	14 38.88	− 8 48.5	2.117	3.110	3.5	19.1
5 1	14 30.96	− 8 20.0	2.118	3.121	2.2	19.1
5 11	14 23.20	− 7 56.7	2.146	3.131	4.9	19.3
5 21	14 16.35	− 7 41.4	2.202	3.142	8.2	19.5
5 31	14 10.98	− 7 36.2	2.283	3.153	11.1	19.7

125397 2001 VD_{98} 4 30.4 160°.93 3°.1/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.71	− 9 36.5	2.219	3.021	13.1	19.6
4 1	14 52.60	− 8 28.6	2.137	3.027	10.3	19.4
4 11	14 46.55	− 7 13.8	2.079	3.033	7.0	19.2
4 21	14 39.09	− 5 56.7	2.048	3.037	4.0	19.0
5 1	14 30.95	− 4 42.8	2.045	3.041	3.4	19.0
5 11	14 22.97	− 3 37.7	2.071	3.045	6.1	19.2
5 21	14 15.91	− 2 46.0	2.124	3.048	9.3	19.4
5 31	14 10.38	− 2 10.4	2.201	3.051	12.3	19.6

465366 2008 CJ_{14} 4 30.4 299°.80 0°.2/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.16	−15 31.4	1.532	2.346	17.4	20.8
4 1	14 54.45	−15 28.0	1.429	2.324	14.0	20.5
4 11	14 48.77	−15 13.7	1.346	2.302	9.8	20.2
4 21	14 40.59	−14 49.6	1.286	2.280	5.0	19.9
5 1	14 30.85	−14 18.8	1.251	2.258	0.4	19.4
5 11	14 20.87	−13 46.4	1.241	2.237	5.8	19.8
5 21	14 12.01	−13 18.2	1.256	2.216	11.1	20.0
5 31	14 5.41	−13 0.0	1.293	2.195	15.8	20.2

286523 2002 CA_{71} 4 30.4 221°.48 3°.4/28.1 16

3 22	14 59.10	− 9 41.2	1.696	2.509	16.0	21.1
4 1	14 55.32	− 8 53.7	1.607	2.503	12.7	20.9
4 11	14 48.91	− 7 58.1	1.540	2.497	8.8	20.6
4 21	14 40.45	− 6 58.9	1.498	2.490	4.8	20.4
5 1	14 30.88	− 6 2.2	1.482	2.482	3.7	20.3
5 11	14 21.37	− 5 14.5	1.493	2.475	7.1	20.5
5 21	14 13.01	− 4 41.2	1.530	2.466	11.3	20.7
5 31	14 6.69	− 4 25.5	1.588	2.458	15.2	20.9

423619 2005 WP_{139} 4 30.4 123°.26 6°.4/ 6.7 17

3 22	14 58.65	−36 51.4	1.973	2.684	17.5	20.5
4 1	14 54.98	−36 42.4	1.881	2.688	15.0	20.4
4 11	14 48.62	−36 8.6	1.807	2.693	12.2	20.2
4 21	14 40.25	−35 7.5	1.754	2.697	9.2	20.0
5 1	14 30.90	−33 39.7	1.727	2.701	6.8	19.9
5 11	14 21.82	−31 50.5	1.726	2.705	6.6	19.8
5 21	14 14.08	−29 48.6	1.753	2.709	8.8	20.0
5 31	14 8.51	−27 44.1	1.806	2.712	11.8	20.2

184323 2005 GD_{32} 4 30.4 356°.02 0°.2/30.6 17

3 22	14 53.71	−17 9.6	1.234	2.066	19.8	20.4
4 1	14 52.08	−17 1.0	1.158	2.062	15.8	20.2
4 11	14 47.22	−16 37.2	1.100	2.059	11.0	19.9
4 21	14 39.78	−16 0.1	1.063	2.057	5.6	19.5
5 1	14 30.92	−15 14.3	1.049	2.056	0.3	19.1
5 11	14 22.18	−14 26.9	1.059	2.056	6.1	19.6
5 21	14 14.95	−13 45.4	1.091	2.057	11.5	19.9
5 31	14 10.31	−13 16.6	1.144	2.059	16.3	20.1

90464 2004 CA_{42} 4 30.4 343°.85 0°.6/30.2 17

3 22	14 56.52	−14 10.6	1.356	2.182	18.6	19.0
4 1	14 54.06	−14 14.8	1.273	2.175	14.8	18.7
4 11	14 48.49	−14 9.5	1.210	2.169	10.3	18.5
4 21	14 40.40	−13 56.4	1.169	2.164	5.1	18.1
5 1	14 30.89	−13 38.8	1.152	2.159	0.7	17.8
5 11	14 21.39	−13 21.8	1.159	2.155	6.1	18.2
5 21	14 13.29	−13 10.3	1.190	2.152	11.3	18.4
5 31	14 7.64	−13 9.1	1.242	2.150	15.9	18.7

501189 2013 TT_{110} 4 30.4 155°.25 1°.0/ 1.4 17

3 22	14 57.96	−20 38.7	2.375	3.145	13.3	22.5
4 1	14 53.60	−20 18.6	2.286	3.152	10.6	22.4
4 11	14 47.26	−19 46.8	2.218	3.159	7.5	22.2
4 21	14 39.46	−19 4.5	2.177	3.165	4.0	22.0
5 1	14 30.96	−18 14.3	2.164	3.170	1.0	21.7
5 11	14 22.60	−17 20.5	2.180	3.176	3.7	22.0
5 21	14 15.15	−16 27.6	2.225	3.180	7.2	22.2
5 31	14 9.24	−15 40.3	2.295	3.184	10.4	22.4

383278 2006 DO_{150} 4 30.4 334°.62 1°.0/ 1.2 17

3 22	14 53.86	−19 23.8	1.644	2.450	16.8	20.7
4 1	14 51.46	−19 14.2	1.553	2.441	13.5	20.5
4 11	14 46.41	−18 50.3	1.481	2.432	9.5	20.2
4 21	14 39.27	−18 13.2	1.433	2.424	5.1	19.9
5 1	14 30.97	−17 25.9	1.410	2.417	1.0	19.6
5 11	14 22.68	−16 34.0	1.413	2.410	5.0	19.9
5 21	14 15.54	−15 43.9	1.441	2.404	9.6	20.1
5 31	14 10.45	−15 2.0	1.492	2.398	13.8	20.4

170118 2002 YW_{15} 4 30.4 187°.77 14°.8/ 8.9 18

3 22	15 12.43	−44 33.5	1.480	2.156	23.7	20.7
4 1	15 8.48	−46 33.2	1.397	2.156	21.6	20.5
4 11	14 59.71	−48 8.7	1.329	2.156	19.3	20.4
4 21	14 46.54	−49 8.6	1.277	2.154	17.0	20.2
5 1	14 30.52	−49 22.5	1.244	2.153	15.3	20.1
5 11	14 14.15	−48 47.3	1.232	2.150	14.9	20.0
5 21	14 0.00	−47 29.2	1.241	2.147	15.9	20.1
5 31	13 50.00	−45 41.9	1.270	2.143	17.9	20.2

363408 2003 QF_{20} 4 30.4 227°.93 1°.4/29.4 17

3 22	15 0.51	−13 14.3	1.952	2.748	14.9	21.8
4 1	14 56.20	−12 48.3	1.851	2.737	11.8	21.5
4 11	14 49.43	−12 13.4	1.772	2.725	8.1	21.3
4 21	14 40.71	−11 32.0	1.718	2.712	4.1	21.0
5 1	14 30.89	−10 48.1	1.692	2.698	1.6	20.8
5 11	14 21.04	−10 6.5	1.694	2.684	5.5	21.0
5 21	14 12.16	− 9 32.3	1.723	2.669	9.7	21.2
5 31	14 5.13	− 9 9.4	1.776	2.653	13.5	21.4

285929 2001 QF_{252} 4 30.4 217°.35 0°.8/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 2.51	−18 33.1	1.836	2.619	16.1	21.9
4 1	14 58.04	−18 27.0	1.736	2.611	13.0	21.6
4 11	14 50.85	−18 8.7	1.656	2.602	9.2	21.4
4 21	14 41.48	−17 38.9	1.602	2.592	4.8	21.1
5 1	14 30.85	−16 59.7	1.574	2.581	0.8	20.8
5 11	14 20.18	−16 15.8	1.574	2.569	4.9	21.0
5 21	14 10.62	−15 32.9	1.601	2.557	9.4	21.3
5 31	14 3.13	−14 56.7	1.653	2.544	13.5	21.5

123671 2000 YX_{86} 4 30.5 67°.05 5°.5/26.8 18

3 22	14 58.47	− 2 8.9	1.773	2.591	15.3	19.5
4 1	14 54.36	− 1 26.0	1.711	2.605	12.1	19.3
4 11	14 47.93	− 0 43.9	1.670	2.620	8.8	19.1
4 21	14 39.82	− 0 7.9	1.653	2.634	6.0	19.0
5 1	14 30.97	+ 0 16.7	1.663	2.648	5.8	19.0
5 11	14 22.40	+ 0 25.8	1.699	2.663	8.2	19.1
5 21	14 15.03	+ 0 17.8	1.760	2.677	11.3	19.4
5 31	14 9.55	− 0 7.5	1.843	2.692	14.3	19.6

297648 2001 TO_{201} 4 30.5 191°.09 2°.5/28.8 16

3 22	15 2.59	−10 6.4	1.880	2.679	15.2	21.9
4 1	14 57.77	− 9 37.5	1.790	2.678	12.1	21.6
4 11	14 50.44	− 9 2.3	1.723	2.676	8.3	21.4
4 21	14 41.18	− 8 24.1	1.681	2.673	4.4	21.2
5 1	14 30.89	− 7 47.1	1.667	2.670	2.8	21.0
5 11	14 20.68	− 7 16.5	1.681	2.665	6.2	21.2
5 21	14 11.58	− 6 56.2	1.722	2.660	10.2	21.5
5 31	14 4.42	− 6 49.2	1.786	2.654	13.8	21.7

360163 2013 CC_{72} 4 30.5 239°.40 5°.4/24.9 17

3 22	14 53.47	+ 0 31.1	2.519	3.327	11.5	21.5
4 1	14 49.89	+ 1 30.8	2.436	3.323	9.3	21.4
4 11	14 44.65	+ 2 29.8	2.378	3.318	7.1	21.2
4 21	14 38.17	+ 3 23.3	2.345	3.314	5.5	21.1
5 1	14 31.07	+ 4 6.5	2.341	3.309	5.7	21.1
5 11	14 24.06	+ 4 35.6	2.363	3.304	7.5	21.2
5 21	14 17.76	+ 4 48.5	2.411	3.299	9.9	21.3
5 31	14 12.74	+ 4 44.4	2.482	3.294	12.2	21.5

144796 2004 HV_{48} 4 30.5 345°.16 2°.7/ 2.2 17

3 22	14 57.92	−21 34.8	2.003	2.781	15.2	20.0
4 1	14 54.22	−22 6.5	1.909	2.777	12.4	19.8
4 11	14 48.09	−22 27.7	1.836	2.773	9.0	19.5
4 21	14 40.06	−22 37.5	1.787	2.770	5.4	19.3
5 1	14 30.96	−22 36.1	1.765	2.767	2.7	19.1
5 11	14 21.83	−22 25.9	1.771	2.765	4.6	19.2
5 21	14 13.70	−22 10.3	1.802	2.763	8.2	19.5
5 31	14 7.40	−21 54.2	1.859	2.761	11.7	19.7

258938 2002 RO_{136} 4 30.5 204°.56 0°.3/30.6 17

3 22	15 1.61	−16 22.6	2.013	2.797	14.9	21.1
4 1	14 56.99	−16 23.3	1.916	2.793	11.9	20.9
4 11	14 49.92	−16 15.1	1.842	2.789	8.3	20.6
4 21	14 40.94	−15 58.8	1.792	2.784	4.2	20.4
5 1	14 30.91	−15 36.7	1.771	2.778	0.3	20.0
5 11	14 20.89	−15 12.2	1.777	2.772	4.6	20.4
5 21	14 11.87	−14 49.5	1.812	2.765	8.7	20.6
5 31	14 4.72	−14 32.6	1.870	2.758	12.4	20.8

418115 2007 YA_{13} 4 30.5 279°.05 1°.9/29.4 17

3 22	15 0.32	−11 1.2	1.585	2.399	17.0	20.9
4 1	14 56.58	−10 55.4	1.496	2.392	13.5	20.6
4 11	14 49.98	−10 43.3	1.428	2.385	9.3	20.4
4 21	14 41.09	−10 27.6	1.384	2.378	4.7	20.1
5 1	14 30.90	−10 12.0	1.365	2.371	2.1	19.9
5 11	14 20.72	−10 0.8	1.373	2.364	6.2	20.1
5 21	14 11.76	− 9 58.0	1.406	2.357	10.9	20.4
5 31	14 5.01	−10 6.7	1.461	2.350	15.1	20.6

211188 2002 KK_{1} 4 30.5 339°.16 7°.5/29.5 16

3 22	15 11.30	+ 4 29.3	1.156	1.978	21.5	19.2
4 1	15 6.56	+ 3 47.0	1.071	1.964	17.8	18.9
4 11	14 57.69	+ 2 46.5	1.004	1.951	13.5	18.6
4 21	14 45.27	+ 1 21.4	0.958	1.939	9.2	18.4
5 1	14 30.65	− 0 31.2	0.936	1.928	7.5	18.2
5 11	14 15.83	− 2 48.9	0.940	1.919	10.6	18.4
5 21	14 2.78	− 5 24.2	0.968	1.911	15.5	18.6
5 31	13 53.02	− 8 8.8	1.018	1.905	20.3	18.8

510736 2012 VF_{114} 4 30.5 328°.51 2°.8/ 5.2 17

3 22	14 49.04	−31 27.4	4.522	5.226	8.3	21.1
4 1	14 45.84	−31 24.8	4.416	5.225	7.0	21.0
4 11	14 41.58	−31 12.8	4.332	5.224	5.5	20.9
4 21	14 36.57	−30 51.5	4.274	5.224	4.0	20.8
5 1	14 31.18	−30 21.5	4.244	5.223	2.9	20.7
5 11	14 25.83	−29 44.2	4.244	5.222	3.0	20.7
5 21	14 20.92	−29 1.9	4.272	5.222	4.2	20.8
5 31	14 16.80	−28 17.2	4.328	5.221	5.8	20.9

348988 2006 UB_{180} 4 30.5 176°.84 2°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.31	− 4 51.6	2.885	3.675	10.7	21.2
4 1	14 53.41	− 4 36.3	2.796	3.676	8.4	21.0
4 11	14 46.91	− 4 20.3	2.731	3.678	5.9	20.9
4 21	14 39.26	− 4 6.2	2.693	3.679	3.6	20.7
5 1	14 31.03	− 3 56.5	2.685	3.679	3.0	20.7
5 11	14 22.87	− 3 53.6	2.707	3.679	5.0	20.8
5 21	14 15.40	− 3 59.1	2.758	3.679	7.5	21.0
5 31	14 9.14	− 4 13.8	2.834	3.678	10.0	21.1

521269 2015 HT_{193} 4 30.5 231°.24 2°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.44	− 9 3.8	2.395	3.192	12.4	21.5
4 1	14 53.19	− 8 49.2	2.299	3.186	9.8	21.3
4 11	14 47.02	− 8 31.0	2.227	3.179	6.7	21.1
4 21	14 39.41	− 8 11.7	2.182	3.173	3.6	20.8
5 1	14 31.02	− 7 54.2	2.164	3.166	2.3	20.7
5 11	14 22.65	− 7 41.6	2.176	3.160	5.0	20.9
5 21	14 15.08	− 7 36.4	2.215	3.153	8.3	21.1
5 31	14 8.93	− 7 40.8	2.279	3.146	11.3	21.3

428256 2007 BS_{69} 4 30.5 330°.36 7°.1/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.21	−29 12.1	1.474	2.251	19.7	20.5
4 1	14 54.20	−30 12.0	1.380	2.237	16.8	20.2
4 11	14 48.91	−30 54.4	1.303	2.223	13.4	20.0
4 21	14 40.79	−31 14.5	1.246	2.210	9.8	19.7
5 1	14 30.92	−31 9.4	1.212	2.198	7.3	19.6
5 11	14 20.82	−30 40.4	1.201	2.186	7.9	19.6
5 21	14 12.05	−29 53.3	1.214	2.176	11.1	19.7
5 31	14 5.91	−28 57.5	1.248	2.166	15.0	19.9

288473 2004 FA_{6} 4 30.5 307°.43 4°.1/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.41	− 7 27.0	1.207	2.046	19.7	20.3
4 1	14 56.89	− 7 15.8	1.120	2.029	15.8	19.9
4 11	14 50.84	− 7 0.6	1.050	2.012	11.2	19.6
4 21	14 41.78	− 6 45.9	1.002	1.995	6.2	19.3
5 1	14 30.86	− 6 37.4	0.977	1.979	4.3	19.1
5 11	14 19.73	− 6 41.0	0.975	1.964	8.6	19.3
5 21	14 10.04	− 7 0.5	0.996	1.949	14.1	19.5
5 31	14 3.12	− 7 38.0	1.036	1.934	19.1	19.8

216638 2003 GX_{8} 4 30.5 333°.89 3°.4/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.97	−11 18.9	1.884	2.707	14.3	19.7
4 1	14 47.88	− 9 55.0	1.793	2.695	11.2	19.5
4 11	14 43.65	− 8 19.4	1.724	2.683	7.7	19.3
4 21	14 37.81	− 6 37.6	1.680	2.672	4.3	19.0
5 1	14 31.10	− 4 57.2	1.664	2.662	3.8	19.0
5 11	14 24.46	− 3 26.2	1.675	2.652	7.0	19.2
5 21	14 18.74	− 2 11.3	1.712	2.643	10.7	19.4
5 31	14 14.64	− 1 16.9	1.771	2.634	14.1	19.5

497136 2004 QO_{26} 4 30.5 195°.99 2°.0/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.84	−10 27.7	2.568	3.358	11.9	22.7
4 1	14 53.32	− 9 53.6	2.472	3.354	9.3	22.5
4 11	14 47.01	− 9 14.0	2.400	3.351	6.4	22.3
4 21	14 39.36	− 8 31.8	2.355	3.346	3.4	22.1
5 1	14 31.02	− 7 50.3	2.339	3.341	2.2	22.0
5 11	14 22.74	− 7 13.4	2.353	3.335	4.8	22.2
5 21	14 15.21	− 6 44.4	2.395	3.329	7.9	22.4
5 31	14 9.04	− 6 25.9	2.462	3.322	10.8	22.5

508901 2003 WH_{10} 4 30.5 252°.97 0°.2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.90	−14 21.2	2.495	3.270	12.6	22.1
4 1	14 56.87	−14 29.4	2.376	3.248	10.1	21.9
4 11	14 49.71	−14 32.1	2.280	3.226	7.0	21.7
4 21	14 40.84	−14 30.0	2.211	3.202	3.5	21.4
5 1	14 30.93	−14 24.5	2.171	3.178	0.3	21.1
5 11	14 20.85	−14 17.8	2.161	3.154	4.1	21.3
5 21	14 11.46	−14 12.6	2.180	3.129	7.8	21.5
5 31	14 3.52	−14 11.8	2.225	3.103	11.1	21.7

345501 2006 JH_{37} 4 30.5 300°.82 3°.1/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.13	− 8 11.5	1.839	2.653	14.9	20.5
4 1	14 53.80	− 7 51.4	1.732	2.628	11.9	20.2
4 11	14 47.98	− 7 26.7	1.646	2.602	8.3	19.9
4 21	14 40.11	− 7 0.8	1.584	2.576	4.6	19.7
5 1	14 30.97	− 6 37.9	1.549	2.550	3.3	19.5
5 11	14 21.66	− 6 22.7	1.541	2.525	6.7	19.7
5 21	14 13.22	− 6 19.0	1.558	2.499	10.8	19.8
5 31	14 6.60	− 6 29.4	1.598	2.474	14.7	20.0

232914 2004 YG_{15} 4 30.5 178°.16 2°.4/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.31	− 9 39.7	2.189	2.991	13.3	20.8
4 1	14 53.21	− 9 11.0	2.103	2.992	10.4	20.6
4 11	14 47.08	− 8 37.3	2.039	2.992	7.2	20.4
4 21	14 39.44	− 8 1.6	2.001	2.993	3.8	20.1
5 1	14 31.03	− 7 27.8	1.991	2.993	2.6	20.1
5 11	14 22.71	− 7 0.0	2.010	2.993	5.4	20.2
5 21	14 15.30	− 6 41.3	2.055	2.992	8.8	20.4
5 31	14 9.45	− 6 34.3	2.124	2.991	12.0	20.6

240745 2005 JQ_{106} 4 30.5 61°.61 0°.1/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.28	−16 48.9	2.019	2.813	14.5	21.1
4 1	14 52.65	−16 36.1	1.935	2.818	11.5	20.9
4 11	14 46.82	−16 13.3	1.872	2.822	7.9	20.7
4 21	14 39.35	−15 42.3	1.834	2.827	4.0	20.4
5 1	14 31.03	−15 6.1	1.824	2.831	0.2	20.1
5 11	14 22.85	−14 28.9	1.841	2.836	4.4	20.5
5 21	14 15.67	−13 55.2	1.885	2.841	8.3	20.7
5 31	14 10.20	−13 29.1	1.953	2.845	11.7	20.9

141991 2002 PO_{139} 4 30.5 299°.76 1°.2/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.34	−16 6.3	1.494	2.314	17.5	19.6
4 1	14 52.18	−15 24.1	1.396	2.295	14.0	19.3
4 11	14 47.15	−14 25.7	1.318	2.276	9.7	19.0
4 21	14 39.77	−13 14.0	1.262	2.257	4.8	18.7
5 1	14 31.00	−11 54.7	1.232	2.239	1.4	18.4
5 11	14 22.13	−10 36.3	1.227	2.220	6.4	18.7
5 21	14 14.43	− 9 27.4	1.247	2.202	11.5	18.9
5 31	14 8.95	− 8 35.1	1.288	2.185	16.2	19.1

299897 2006 SE_{369} 4 30.5 152°.10 1°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.62	−20 33.3	2.782	3.545	11.7	21.7
4 1	14 52.28	−20 28.2	2.690	3.552	9.4	21.5
4 11	14 46.24	−20 13.9	2.621	3.558	6.7	21.4
4 21	14 38.97	−19 51.1	2.578	3.564	3.7	21.2
5 1	14 31.07	−19 21.3	2.564	3.570	1.2	21.0
5 11	14 23.26	−18 47.6	2.580	3.575	3.3	21.1
5 21	14 16.21	−18 13.2	2.625	3.580	6.2	21.3
5 31	14 10.45	−17 41.6	2.696	3.585	9.0	21.5

159921 2004 XE_{185} 4 30.5 239°.51 4°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.96	− 4 19.7	2.000	2.815	13.9	20.2
4 1	14 52.33	− 3 28.3	1.918	2.812	11.0	20.0
4 11	14 46.58	− 2 34.4	1.858	2.810	7.9	19.8
4 21	14 39.22	− 1 43.0	1.824	2.807	5.2	19.7
5 1	14 31.05	− 0 59.5	1.817	2.805	5.0	19.7
5 11	14 22.98	− 0 29.0	1.836	2.802	7.5	19.8
5 21	14 15.87	− 0 14.5	1.881	2.799	10.7	20.0
5 31	14 10.40	− 0 17.4	1.949	2.796	13.7	20.2

30627 4269 $P–L$ 4 30.5 144°.75 1°.0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.66	−15 3.9	2.370	3.162	12.7	19.5
4 1	14 50.98	−14 22.8	2.283	3.166	10.0	19.3
4 11	14 45.46	−13 32.7	2.219	3.171	6.8	19.1
4 21	14 38.60	−12 36.2	2.181	3.175	3.3	18.9
5 1	14 31.09	−11 37.4	2.172	3.178	1.1	18.8
5 11	14 23.71	−10 40.8	2.192	3.182	4.3	19.0
5 21	14 17.16	− 9 50.9	2.239	3.185	7.7	19.2
5 31	14 12.04	− 9 11.2	2.312	3.188	10.8	19.4

112746 2002 PR_{132} 4 30.5 308°.72 1°.8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.65	−13 50.0	1.413	2.241	17.9	19.5
4 1	14 52.57	−13 18.1	1.319	2.223	14.3	19.2
4 11	14 47.51	−12 33.0	1.245	2.205	9.9	18.9
4 21	14 39.99	−11 38.0	1.193	2.188	5.0	18.6
5 1	14 31.00	−10 38.9	1.165	2.171	2.1	18.4
5 11	14 21.91	− 9 43.3	1.162	2.154	6.8	18.6
5 21	14 14.03	− 8 58.6	1.182	2.138	12.0	18.8
5 31	14 8.48	− 8 30.8	1.224	2.122	16.7	19.1

465067 2006 SU_{121} 4 30.5 197°.55 2°.8/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.51	−10 33.8	2.194	2.992	13.4	22.8
4 1	14 54.18	− 9 35.4	2.101	2.988	10.5	22.6
4 11	14 47.77	− 8 29.1	2.032	2.984	7.2	22.3
4 21	14 39.81	− 7 18.9	1.989	2.979	3.9	22.1
5 1	14 31.03	− 6 10.0	1.974	2.974	3.0	22.1
5 11	14 22.34	− 5 8.1	1.989	2.967	5.9	22.2
5 21	14 14.56	− 4 18.0	2.031	2.960	9.4	22.4
5 31	14 8.36	− 3 42.9	2.097	2.952	12.6	22.6

177108 2003 FC_{131} 4 30.5 107°.35 3°.9/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.38	−27 44.5	2.618	3.347	13.2	20.7
4 1	14 56.25	−28 19.9	2.534	3.363	10.9	20.5
4 11	14 49.10	−28 43.3	2.471	3.380	8.4	20.4
4 21	14 40.44	−28 53.4	2.434	3.396	5.8	20.2
5 1	14 31.02	−28 49.8	2.425	3.412	4.0	20.2
5 11	14 21.70	−28 34.3	2.444	3.427	4.6	20.2
5 21	14 13.30	−28 10.4	2.492	3.442	6.8	20.4
5 31	14 6.47	−27 42.3	2.566	3.457	9.3	20.6

503537 2016 FL_{25} 4 30.5 271°.70 1°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.05	−13 49.2	1.755	2.562	15.9	21.5
4 1	14 54.68	−13 22.5	1.651	2.542	12.7	21.3
4 11	14 48.66	−12 45.2	1.567	2.522	8.8	21.0
4 21	14 40.48	−11 59.7	1.508	2.502	4.4	20.7
5 1	14 31.01	−11 10.3	1.475	2.481	1.6	20.4
5 11	14 21.40	−10 22.9	1.469	2.460	5.9	20.7
5 21	14 12.79	− 9 43.3	1.489	2.439	10.5	20.9
5 31	14 6.16	− 9 16.4	1.531	2.417	14.7	21.1

508433 2016 KU_2 4 30.5 310.°59 7.°0/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.19	− 0 21.0	1.570	2.398	16.4	20.6
4 1	14 54.17	+ 0 22.6	1.478	2.377	13.4	20.3
4 11	14 48.39	+ 1 5.6	1.407	2.357	10.1	20.1
4 21	14 40.36	+ 1 41.2	1.359	2.337	7.4	19.8
5 1	14 31.02	+ 2 2.4	1.336	2.318	7.4	19.8
5 11	14 21.58	+ 2 3.5	1.337	2.299	10.1	19.9
5 21	14 13.23	+ 1 41.8	1.361	2.280	13.8	20.1
5 31	14 6.98	+ 0 57.1	1.406	2.262	17.5	20.2

478323 2011 WZ_{92} 4 30.5 231.°97 4.°6/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.40	− 0 1.8	2.679	3.478	11.2	21.4
4 1	14 52.11	+ 0 29.0	2.589	3.471	9.0	21.3
4 11	14 46.14	+ 0 58.3	2.523	3.464	6.7	21.1
4 21	14 38.95	+ 1 22.5	2.483	3.457	4.9	21.0
5 1	14 31.11	+ 1 38.1	2.472	3.450	4.8	21.0
5 11	14 23.33	+ 1 42.2	2.490	3.442	6.6	21.1
5 21	14 16.24	+ 1 33.3	2.534	3.435	9.0	21.2
5 31	14 10.40	+ 1 11.1	2.602	3.427	11.3	21.4

4147 Lennon 4 30.5 348.°96 4.°5/ 3.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.49	−26 3.0	1.390	2.184	19.9	16.4
4 1	14 54.24	−26 21.5	1.307	2.180	16.5	16.2
4 11	14 48.74	−26 19.6	1.241	2.178	12.5	15.9
4 21	14 40.61	−25 55.3	1.196	2.175	8.0	15.6
5 1	14 31.01	−25 9.2	1.174	2.173	4.7	15.4
5 11	14 21.47	−24 6.7	1.177	2.172	6.2	15.5
5 21	14 13.43	−22 56.5	1.203	2.171	10.5	15.8
5 31	14 7.99	−21 48.3	1.252	2.171	14.9	16.0

95445 2002 CM_{254} 4 30.5 199.°65 0.°1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.75	−16 46.7	2.089	2.878	14.3	20.9
4 1	14 53.80	−16 26.8	1.996	2.876	11.3	20.7
4 11	14 47.64	−15 56.6	1.925	2.874	7.8	20.5
4 21	14 39.79	−15 17.7	1.879	2.871	3.9	20.2
5 1	14 31.06	−14 33.5	1.861	2.868	0.3	19.9
5 11	14 22.40	−13 48.4	1.871	2.865	4.4	20.2
5 21	14 14.69	−13 7.1	1.908	2.861	8.4	20.5
5 31	14 8.68	−12 34.1	1.970	2.857	11.9	20.7

344418 2002 CY_{35} 4 30.5 110.°43 2.°9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.70	− 6 5.7	2.850	3.645	10.7	22.2
4 1	14 51.27	− 5 24.0	2.782	3.667	8.3	22.0
4 11	14 45.38	− 4 40.3	2.739	3.688	5.8	21.9
4 21	14 38.48	− 3 58.0	2.723	3.708	3.5	21.8
5 1	14 31.14	− 3 20.3	2.736	3.729	3.2	21.8
5 11	14 24.00	− 2 50.5	2.779	3.748	5.1	21.9
5 21	14 17.59	− 2 30.5	2.850	3.767	7.5	22.1
5 31	14 12.37	− 2 21.7	2.946	3.786	9.7	22.3

267449 2002 DT_8 4 30.5 136.°29 0.°5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.27	−16 50.3	2.967	3.732	11.0	21.1
4 1	14 54.16	−16 58.0	2.879	3.745	8.7	21.0
4 11	14 47.45	−16 59.6	2.816	3.757	6.1	20.8
4 21	14 39.56	−16 55.5	2.779	3.769	3.1	20.6
5 1	14 31.10	−16 47.2	2.773	3.780	0.5	20.4
5 11	14 22.74	−16 36.7	2.797	3.791	3.1	20.6
5 21	14 15.09	−16 26.2	2.850	3.802	6.0	20.8
5 31	14 8.70	−16 18.3	2.931	3.812	8.6	21.0

124827 2001 SQ_{319} 4 30.5 63.°72 4.°1/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.42	− 9 54.6	1.589	2.413	16.4	19.9
4 1	14 52.29	− 8 30.6	1.525	2.428	12.8	19.7
4 11	14 46.69	− 6 57.6	1.483	2.442	8.8	19.5
4 21	14 39.30	− 5 22.5	1.466	2.457	5.1	19.3
5 1	14 31.12	− 3 53.7	1.476	2.472	4.5	19.3
5 11	14 23.26	− 2 39.4	1.511	2.487	7.7	19.5
5 21	14 16.68	− 1 44.8	1.571	2.502	11.5	19.8
5 31	14 12.08	− 1 12.8	1.653	2.517	15.0	20.0

133563 2003 UN_{23} 4 30.5 272.°31 0.°3/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.10	−17 47.3	2.023	2.815	14.6	20.5
4 1	14 52.65	−17 32.3	1.928	2.809	11.6	20.3
4 11	14 46.94	−17 6.4	1.854	2.803	8.1	20.0
4 21	14 39.49	−16 30.8	1.805	2.797	4.1	19.8
5 1	14 31.10	−15 48.5	1.784	2.791	0.3	19.5
5 11	14 22.75	−15 3.9	1.790	2.785	4.4	19.8
5 21	14 15.34	−14 22.2	1.822	2.779	8.4	20.0
5 31	14 9.66	−13 47.8	1.879	2.773	12.0	20.2

189237 2004 PB_{56} 4 30.5 237.°99 1.°7/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.43	−12 27.2	2.355	3.147	12.7	21.5
4 1	14 53.34	−11 47.3	2.247	3.131	10.1	21.3
4 11	14 47.25	−10 59.3	2.163	3.115	6.9	21.1
4 21	14 39.61	−10 5.9	2.105	3.098	3.5	20.8
5 1	14 31.10	− 9 11.1	2.076	3.080	1.9	20.7
5 11	14 22.56	− 8 19.5	2.076	3.062	5.0	20.8
5 21	14 14.79	− 7 35.7	2.104	3.043	8.6	21.0
5 31	14 8.47	− 7 3.3	2.157	3.024	11.8	21.2

274810 Fedáksári 4 30.5 140.°25 0.°9/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.37	−11 50.7	3.982	4.764	8.1	22.9
4 1	14 47.59	−11 28.9	3.895	4.774	6.3	22.7
4 11	14 42.76	−11 3.6	3.834	4.783	4.3	22.6
4 21	14 37.18	−10 36.4	3.801	4.793	2.1	22.4
5 1	14 31.25	−10 9.1	3.798	4.802	1.0	22.4
5 11	14 25.39	− 9 43.9	3.825	4.811	2.9	22.5
5 21	14 20.00	− 9 22.6	3.881	4.820	5.0	22.7
5 31	14 15.43	− 9 6.7	3.965	4.828	7.0	22.8

208402 2001 SY_{210} 4 30.5 163.°59 2.°4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.35	−22 56.7	2.478	3.236	13.1	20.8
4 1	14 53.99	−23 10.9	2.383	3.239	10.7	20.6
4 11	14 47.64	−23 14.4	2.311	3.241	7.8	20.4
4 21	14 39.77	−23 7.0	2.263	3.243	4.7	20.2
5 1	14 31.10	−22 49.5	2.244	3.245	2.4	20.1
5 11	14 22.48	−22 24.4	2.254	3.247	3.9	20.2
5 21	14 14.70	−21 55.3	2.291	3.248	6.9	20.4
5 31	14 8.43	−21 26.3	2.355	3.250	9.9	20.6

483348 2016 QT_{80} 4 30.5 262.°94 4.°2/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.63	−30 10.2	2.447	3.181	13.9	21.2
4 1	14 52.04	−30 17.7	2.348	3.179	11.7	21.1
4 11	14 46.38	−30 9.7	2.270	3.178	9.1	20.9
4 21	14 39.17	−29 45.1	2.216	3.176	6.4	20.7
5 1	14 31.13	−29 4.6	2.188	3.175	4.4	20.6
5 11	14 23.16	−28 11.2	2.188	3.174	4.8	20.6
5 21	14 16.07	−27 9.5	2.216	3.172	7.2	20.8
5 31	14 10.57	−26 5.4	2.269	3.171	9.9	20.9

330774 2008 TA_6 4 30.5 213.°03 1.°8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.78	−13 23.5	2.334	3.128	12.8	21.6
4 1	14 51.97	−12 27.6	2.236	3.122	10.0	21.4
4 11	14 46.23	−11 22.3	2.163	3.115	6.9	21.2
4 21	14 39.06	−10 10.8	2.116	3.109	3.5	20.9
5 1	14 31.14	− 8 58.0	2.097	3.101	2.0	20.8
5 11	14 23.29	− 7 49.2	2.108	3.093	5.0	21.0
5 21	14 16.26	− 6 49.3	2.147	3.085	8.5	21.2
5 31	14 10.68	− 6 2.4	2.211	3.076	11.6	21.4

141333 2001 YD_{153} 4 30.5 67.°54 0.°6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.36	−12 10.5	2.249	3.038	13.4	19.7
4 1	14 55.55	−12 26.0	2.167	3.048	10.5	19.6
4 11	14 48.68	−12 37.5	2.107	3.057	7.2	19.4
4 21	14 40.27	−12 45.8	2.074	3.066	3.6	19.2
5 1	14 31.08	−12 52.6	2.069	3.076	0.7	18.9
5 11	14 22.01	−13 0.0	2.093	3.086	4.2	19.2
5 21	14 13.88	−13 10.0	2.145	3.095	7.8	19.5
5 31	14 7.36	−13 24.8	2.223	3.105	10.9	19.7

513395 2008 HF_{71} 4 30.5 80.°00 0.°0/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.85	−15 9.9	4.414	5.185	7.6	21.4
4 1	14 47.14	−15 13.2	4.318	5.188	5.9	21.3
4 11	14 42.44	−15 12.8	4.247	5.192	4.1	21.2
4 21	14 37.03	−15 9.5	4.204	5.195	2.0	21.0
5 1	14 31.26	−15 4.4	4.191	5.199	0.1	20.8
5 11	14 25.53	−14 58.8	4.209	5.202	2.2	21.1
5 21	14 20.19	−14 54.0	4.256	5.206	4.3	21.2
5 31	14 15.57	−14 51.4	4.331	5.209	6.1	21.3

136113 2003 GA_5 4 30.5 341.°00 0.°5/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.79	−17 0.3	2.088	2.881	14.1	20.0
4 1	14 52.33	−17 4.2	1.995	2.877	11.3	19.8
4 11	14 46.68	−16 59.4	1.924	2.873	7.9	19.6
4 21	14 39.36	−16 46.8	1.878	2.869	4.1	19.3
5 1	14 31.13	−16 28.4	1.858	2.866	0.5	19.0
5 11	14 22.92	−16 7.5	1.867	2.863	4.2	19.3
5 21	14 15.63	−15 47.8	1.902	2.860	8.0	19.5
5 31	14 9.99	−15 33.1	1.962	2.858	11.5	19.7

64868 2001 YP_{59} 4 30.5 298.°31 3.°4/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.95	−23 50.6	1.397	2.196	19.5	18.8
4 1	14 54.71	−23 59.5	1.303	2.183	16.1	18.5
4 11	14 49.19	−23 49.2	1.227	2.170	11.9	18.2
4 21	14 40.93	−23 18.2	1.172	2.157	7.2	17.9
5 1	14 31.03	−22 27.5	1.141	2.144	3.5	17.7
5 11	14 21.02	−21 22.8	1.134	2.131	5.9	17.8
5 21	14 12.39	−20 12.6	1.151	2.119	10.9	18.0
5 31	14 6.35	−19 6.7	1.190	2.107	15.7	18.3

355574 2008 CR_{83} 4 30.5 349.°83 7.°7/ 5.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.83	−31 35.3	1.725	2.479	18.1	20.0
4 1	14 53.45	−32 47.8	1.633	2.470	15.6	19.8
4 11	14 48.13	−33 44.0	1.558	2.462	12.7	19.6
4 21	14 40.35	−34 19.3	1.505	2.454	9.8	19.4
5 1	14 31.06	−34 30.6	1.475	2.448	7.9	19.2
5 11	14 21.63	−34 18.5	1.469	2.443	8.1	19.2
5 21	14 13.38	−33 47.4	1.488	2.439	10.4	19.4
5 31	14 7.43	−33 4.5	1.528	2.437	13.4	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
502621 2015 CP_{25}			4 30.5	6°.79	3°.3/27.9	17
	h m	° ′			°	m
3 22	14 54.99	− 9 14.9	1.859	2.675	14.7	20.9
4 1	14 51.79	− 8 25.5	1.778	2.675	11.6	20.7
4 11	14 46.33	− 7 29.4	1.719	2.675	8.0	20.5
4 21	14 39.18	− 6 31.1	1.685	2.676	4.5	20.3
5 1	14 31.17	− 5 36.3	1.677	2.676	3.6	20.2
5 11	14 23.30	− 4 50.8	1.697	2.677	6.6	20.4
5 21	14 16.45	− 4 18.8	1.742	2.678	10.3	20.6
5 31	14 11.35	− 4 3.2	1.810	2.679	13.6	20.8
316914 2000 UT_{64}			4 30.5	204°.26	1°.4/ 1.6	16
3 22	15 1.98	−20 54.3	2.092	2.861	14.9	22.5
4 1	14 57.29	−20 46.4	1.990	2.855	12.0	22.3
4 11	14 50.17	−20 25.8	1.910	2.849	8.6	22.1
4 21	14 41.15	−19 52.8	1.855	2.842	4.7	21.8
5 1	14 31.07	−19 9.2	1.828	2.834	1.5	21.6
5 11	14 21.00	−18 19.3	1.830	2.825	4.3	21.8
5 21	14 11.94	−17 28.5	1.859	2.815	8.3	22.0
5 31	14 4.72	−16 42.2	1.914	2.805	12.0	22.2
344133 2000 AD_{6}			4 30.5	68°.97	19°.9/24.4	12 C
3 22	15 17.99	+33 19.7	1.396	2.117	23.1	21.8
4 1	15 9.57	+35 18.7	1.411	2.167	21.5	21.9
4 11	14 57.93	+36 37.3	1.441	2.217	20.4	21.9
4 21	14 44.48	+37 7.1	1.487	2.265	20.0	22.0
5 1	14 30.93	+36 45.2	1.550	2.312	20.0	22.2
5 11	14 18.86	+35 36.1	1.629	2.358	20.5	22.3
5 21	14 9.32	+33 48.6	1.723	2.403	21.2	22.5
5 31	14 2.81	+31 33.0	1.831	2.447	21.9	22.7
54910 2001 OC_{83}			4 30.5	189°.39	2°.6/29.0	18
3 22	15 2.80	−10 2.3	1.602	2.412	17.0	19.8
4 1	14 58.43	− 9 43.3	1.519	2.412	13.5	19.6
4 11	14 51.20	− 9 18.0	1.456	2.411	9.3	19.3
4 21	14 41.72	− 8 49.9	1.417	2.410	4.9	19.1
5 1	14 31.04	− 8 23.3	1.405	2.408	2.8	18.9
5 11	14 20.46	− 8 3.4	1.419	2.406	6.6	19.2
5 21	14 11.17	− 7 54.2	1.459	2.403	11.1	19.4
5 31	14 4.13	− 7 58.7	1.521	2.400	15.2	19.7
506564 2005 TV_{191}			4 30.5	161°.12	0°.0/30.5	17
3 22	14 53.58	−17 52.8	2.493	3.277	12.3	21.4
4 1	14 50.13	−17 19.8	2.401	3.278	9.8	21.2
4 11	14 44.91	−16 36.6	2.331	3.279	6.7	21.0
4 21	14 38.39	−15 45.4	2.288	3.280	3.4	20.8
5 1	14 31.23	−14 49.2	2.273	3.280	0.2	20.5
5 11	14 24.16	−13 52.4	2.287	3.281	3.7	20.8
5 21	14 17.87	−12 59.4	2.329	3.281	7.1	21.0
5 31	14 12.93	−12 14.1	2.396	3.282	10.1	21.2
101927 1999 RN_{19}			4 30.5	236°.35	0°.1/30.6	18
3 22	14 55.21	−16 56.2	2.774	3.552	11.4	20.1
4 1	14 51.29	−16 41.2	2.668	3.541	9.1	19.9
4 11	14 45.69	−16 18.4	2.584	3.530	6.3	19.7
4 21	14 38.80	−15 49.0	2.527	3.519	3.2	19.5
5 1	14 31.21	−15 15.0	2.500	3.507	0.2	19.2
5 11	14 23.62	−14 39.7	2.501	3.495	3.5	19.4
5 21	14 16.68	−14 6.2	2.531	3.483	6.7	19.6
5 31	14 10.98	−13 38.0	2.587	3.470	9.5	19.8
275719 2000 YY_{108}			4 30.5	17°.29	11°.8/24.1	17
3 22	14 57.41	+10 49.1	1.395	2.221	18.2	19.3
4 1	14 54.21	+11 53.5	1.345	2.227	15.6	19.1
4 11	14 48.19	+12 43.9	1.314	2.235	13.2	19.0
4 21	14 40.12	+13 11.2	1.303	2.244	11.9	19.0
5 1	14 31.14	+13 8.2	1.315	2.254	12.2	19.0
5 11	14 22.55	+12 32.3	1.349	2.265	14.0	19.1
5 21	14 15.43	+11 25.5	1.403	2.277	16.4	19.3
5 31	14 10.58	+ 9 52.8	1.476	2.290	18.9	19.5
242544 2005 CR_{68}			4 30.5	118°.47	1°.7/ 1.9	18
3 22	15 0.49	−21 8.0	2.342	3.105	13.6	21.0
4 1	14 55.63	−21 15.1	2.260	3.121	11.0	20.8
4 11	14 48.71	−21 11.6	2.201	3.137	7.8	20.7
4 21	14 40.29	−20 57.8	2.168	3.152	4.4	20.5
5 1	14 31.13	−20 35.1	2.162	3.167	1.8	20.3
5 11	14 22.15	−20 6.7	2.186	3.181	3.8	20.5
5 21	14 14.15	−19 36.4	2.238	3.195	7.1	20.7
5 31	14 7.78	−19 8.3	2.316	3.208	10.1	20.9
154632 2003 WT_{151}			4 30.5	267°.46	4°.4/23.7	18
3 22	14 50.75	+ 8 32.8	4.411	5.193	7.4	19.7
4 1	14 47.01	+ 8 58.7	4.330	5.190	6.2	19.6
4 11	14 42.34	+ 9 20.3	4.275	5.186	5.1	19.6
4 21	14 36.99	+ 9 35.1	4.246	5.182	4.5	19.5
5 1	14 31.32	+ 9 41.2	4.246	5.178	4.7	19.5
5 11	14 25.71	+ 9 37.1	4.273	5.174	5.6	19.6
5 21	14 20.49	+ 9 22.4	4.327	5.170	6.8	19.7
5 31	14 16.00	+ 8 57.1	4.404	5.166	8.0	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
181507 2006 UT_{41}			4 30.5	279°.04	0°.2/30.4	17
	h m	° ′			°	m
3 22	14 59.33	−15 21.8	1.648	2.454	16.8	20.5
4 1	14 55.83	−15 21.6	1.555	2.444	13.4	20.3
4 11	14 49.52	−15 11.8	1.482	2.435	9.3	20.0
4 21	14 40.96	−14 53.7	1.433	2.426	4.7	19.7
5 1	14 31.10	−14 29.9	1.410	2.417	0.3	19.3
5 11	14 21.19	−14 5.0	1.413	2.408	5.3	19.7
5 21	14 12.45	−13 43.8	1.441	2.399	10.1	19.9
5 31	14 5.85	−13 31.1	1.493	2.390	14.4	20.2
375809 2009 TS_{39}			4 30.5	155°.00	0°.3/30.7	17
3 22	14 58.99	−17 55.4	2.302	3.079	13.4	22.3
4 1	14 54.48	−17 35.5	2.214	3.087	10.7	22.1
4 11	14 47.95	−17 5.6	2.149	3.094	7.4	22.0
4 21	14 39.93	−16 27.1	2.110	3.101	3.8	21.7
5 1	14 31.16	−15 42.9	2.099	3.107	0.3	21.4
5 11	14 22.54	−14 57.1	2.118	3.112	4.0	21.8
5 21	14 14.85	−14 14.0	2.165	3.117	7.6	22.0
5 31	14 8.74	−13 37.9	2.237	3.121	10.8	22.2
125050 2001 TN_{218}			4 30.5	221°.68	3°.7/28.1	16
3 22	14 59.93	− 9 4.3	1.625	2.440	16.5	20.8
4 1	14 56.15	− 8 18.2	1.538	2.435	13.1	20.5
4 11	14 49.63	− 7 24.5	1.472	2.428	9.1	20.3
4 21	14 40.95	− 6 27.9	1.430	2.422	5.1	20.0
5 1	14 31.10	− 5 34.6	1.415	2.414	4.0	19.9
5 11	14 21.31	− 4 51.3	1.426	2.407	7.5	20.1
5 21	14 12.72	− 4 23.2	1.462	2.399	11.7	20.3
5 31	14 6.26	− 4 13.3	1.520	2.390	15.7	20.6
234038 1998 WD_{38}			4 30.5	188°.04	0°.4/30.2	17
3 22	14 57.32	−15 17.7	2.282	3.071	13.2	21.4
4 1	14 53.25	−15 3.3	2.190	3.070	10.5	21.2
4 11	14 47.17	−14 40.9	2.120	3.070	7.2	21.0
4 21	14 39.58	−14 12.1	2.076	3.069	3.6	20.8
5 1	14 31.19	−13 39.7	2.060	3.068	0.5	20.5
5 11	14 22.87	−13 7.4	2.073	3.066	4.2	20.8
5 21	14 15.41	−12 39.0	2.114	3.065	7.8	21.0
5 31	14 9.49	−12 17.8	2.179	3.063	11.0	21.2
76867 2000 YM_{5}			4 30.5	247°.60	0°.3/30.9	18
3 22	14 52.51	−16 4.8	4.474	5.237	7.6	17.8
4 1	14 48.45	−16 15.9	4.370	5.235	6.0	17.7
4 11	14 43.37	−16 23.2	4.292	5.233	4.1	17.5
4 21	14 37.53	−16 27.4	4.242	5.231	2.1	17.4
5 1	14 31.30	−16 29.1	4.222	5.229	0.3	17.2
5 11	14 25.08	−16 29.6	4.233	5.227	2.2	17.4
5 21	14 19.24	−16 30.2	4.274	5.225	4.2	17.5
5 31	14 14.13	−16 32.1	4.343	5.223	6.1	17.7
125365 2001 VD_{69}			4 30.5	4°.62	0°.4/30.2	17
3 22	14 55.03	−15 18.6	1.957	2.760	14.6	19.9
4 1	14 51.80	−15 7.1	1.871	2.760	11.6	19.7
4 11	14 46.36	−14 46.7	1.807	2.760	8.0	19.5
4 21	14 39.22	−14 19.3	1.767	2.761	3.9	19.2
5 1	14 31.21	−13 47.9	1.755	2.762	0.5	18.9
5 11	14 23.29	−13 16.9	1.769	2.763	4.6	19.2
5 21	14 16.35	−12 50.4	1.810	2.765	8.6	19.5
5 31	14 11.12	−12 32.2	1.874	2.767	12.1	19.7
283355 1999 XX_{232}			4 30.5	120°.53	12°.3/10.5	18
3 22	15 3.05	−44 22.3	1.286	1.994	25.3	20.6
4 1	15 0.68	−45 1.0	1.208	1.998	22.7	20.4
4 11	14 53.84	−45 2.9	1.143	2.002	19.6	20.2
4 21	14 43.36	−44 18.9	1.093	2.007	16.3	20.0
5 1	14 30.99	−42 43.7	1.063	2.011	13.5	19.8
5 11	14 19.05	−40 21.8	1.054	2.014	12.3	19.8
5 21	14 9.53	−37 26.9	1.068	2.018	13.7	19.9
5 31	14 3.71	−34 19.1	1.104	2.021	16.6	20.0
471547 2012 KY_{49}			4 30.5	178°.39	9°.7/24.3	17
3 22	15 3.61	+11 21.3	1.913	2.704	15.3	20.7
4 1	14 58.39	+12 8.9	1.845	2.705	13.1	20.6
4 11	14 50.77	+12 45.4	1.797	2.705	11.0	20.4
4 21	14 41.37	+13 4.0	1.773	2.706	9.8	20.3
5 1	14 31.12	+12 59.0	1.775	2.706	10.1	20.4
5 11	14 21.10	+12 27.9	1.801	2.705	11.7	20.5
5 21	14 12.27	+11 31.4	1.851	2.705	13.9	20.6
5 31	14 5.37	+10 12.8	1.922	2.705	16.2	20.8
315523 2008 AZ_{88}			4 30.5	90°.29	1°.4/29.6	17
3 22	15 0.16	−13 51.1	1.625	2.432	16.9	21.5
4 1	14 56.09	−13 23.1	1.556	2.448	13.3	21.3
4 11	14 49.37	−12 45.2	1.509	2.464	9.0	21.1
4 21	14 40.71	−12 0.8	1.485	2.479	4.4	20.8
5 1	14 31.16	−11 14.6	1.488	2.494	1.6	20.7
5 11	14 21.91	−10 32.6	1.518	2.509	5.7	21.0
5 21	14 14.02	− 9 59.7	1.573	2.524	10.0	21.2
5 31	14 8.26	− 9 39.7	1.652	2.538	13.8	21.5

217864 2001 QT_{136} 4 30.5 119°.69 0°.3/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.10	−19 53.1	2.203	2.977	14.1	20.6
4 1	14 54.53	−19 6.6	2.125	2.996	11.1	20.4
4 11	14 47.92	−18 7.0	2.071	3.015	7.7	20.2
4 21	14 39.88	−16 57.0	2.042	3.033	3.9	20.0
5 1	14 31.21	−15 40.7	2.043	3.050	0.3	19.7
5 11	14 22.81	−14 23.9	2.073	3.067	4.0	20.1
5 21	14 15.47	−13 12.2	2.131	3.083	7.7	20.3
5 31	14 9.80	−12 10.6	2.216	3.099	10.9	20.6

99143 2001 FS_{108} 4 30.5 212°.43 0°.5/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.25	−15 20.0	2.205	2.996	13.6	20.1
4 1	14 53.31	−15 2.5	2.111	2.992	10.7	19.9
4 11	14 47.28	−14 36.3	2.038	2.988	7.4	19.7
4 21	14 39.67	−14 3.4	1.992	2.984	3.7	19.4
5 1	14 31.21	−13 26.6	1.973	2.980	0.6	19.2
5 11	14 22.80	−12 50.0	1.983	2.976	4.4	19.4
5 21	14 15.28	−12 17.7	2.020	2.971	8.1	19.7
5 31	14 9.33	−11 53.4	2.082	2.966	11.5	19.9

259379 2003 HS_{50} 4 30.5 343°.05 6°.4/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.71	− 4 56.8	1.225	2.081	18.4	18.9
4 1	14 48.89	− 4 1.3	1.146	2.065	14.7	18.6
4 11	14 45.09	− 3 0.3	1.086	2.050	10.6	18.3
4 21	14 38.86	− 2 1.6	1.048	2.036	7.1	18.1
5 1	14 31.25	− 1 14.3	1.031	2.024	6.8	18.0
5 11	14 23.65	− 0 46.7	1.038	2.014	10.3	18.2
5 21	14 17.35	− 0 43.9	1.065	2.005	14.7	18.4
5 31	14 13.41	− 1 7.2	1.110	1.998	18.9	18.6

133018 2002 VJ_{51} 4 30.5 282°.38 3°.0/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.70	− 8 22.7	2.079	2.888	13.6	19.9
4 1	14 52.25	− 7 48.3	1.982	2.875	10.8	19.7
4 11	14 46.65	− 7 8.8	1.907	2.861	7.5	19.4
4 21	14 39.41	− 6 27.8	1.857	2.848	4.2	19.2
5 1	14 31.24	− 5 49.8	1.835	2.834	3.3	19.1
5 11	14 23.06	− 5 19.4	1.841	2.821	6.1	19.3
5 21	14 15.73	− 5 0.2	1.872	2.807	9.7	19.4
5 31	14 9.99	− 4 54.9	1.927	2.793	13.0	19.6

278922 2008 TZ_{176} 4 30.5 231°.59 6°.3/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.90	+ 2 45.8	2.384	3.185	12.4	21.1
4 1	14 53.59	+ 3 44.3	2.293	3.172	10.1	21.0
4 11	14 47.36	+ 4 40.9	2.226	3.160	7.9	20.8
4 21	14 39.69	+ 5 30.3	2.185	3.146	6.4	20.7
5 1	14 31.24	+ 6 7.2	2.172	3.132	6.7	20.7
5 11	14 22.81	+ 6 27.6	2.185	3.118	8.5	20.8
5 21	14 15.16	+ 6 29.5	2.224	3.103	11.0	20.9
5 31	14 8.93	+ 6 12.4	2.286	3.088	13.4	21.0

261378 2005 UH_{363} 4 30.5 306°.20 2°.6/29.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.01	− 7 10.3	2.067	2.869	13.9	20.9
4 1	14 55.87	− 7 15.3	1.953	2.841	11.2	20.6
4 11	14 49.35	− 7 19.2	1.861	2.813	7.8	20.4
4 21	14 40.87	− 7 24.4	1.794	2.785	4.3	20.1
5 1	14 31.17	− 7 33.5	1.756	2.758	2.7	19.9
5 11	14 21.23	− 7 49.3	1.745	2.730	5.8	20.1
5 21	14 12.05	− 8 13.6	1.761	2.703	9.8	20.2
5 31	14 4.54	− 8 48.0	1.801	2.676	13.4	20.4

521010 2015 CB_{67} 4 30.5 156°.77 5°.1/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.47	−29 55.7	2.180	2.910	15.5	22.0
4 1	14 57.77	−30 31.4	2.088	2.915	13.0	21.8
4 11	14 50.55	−30 51.9	2.016	2.920	10.2	21.6
4 21	14 41.38	−30 54.7	1.968	2.925	7.3	21.4
5 1	14 31.15	−30 39.1	1.946	2.929	5.3	21.3
5 11	14 20.97	−30 7.3	1.951	2.932	5.8	21.3
5 21	14 11.87	−29 23.8	1.984	2.936	8.2	21.5
5 31	14 4.71	−28 34.9	2.042	2.938	11.1	21.7

505266 2012 VL_{1} 4 30.5 244°.23 5°.9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.65	− 0 36.5	2.192	3.005	12.9	21.7
4 1	14 51.18	+ 0 36.7	2.108	2.998	10.4	21.5
4 11	14 45.77	+ 1 50.8	2.047	2.991	7.8	21.3
4 21	14 38.91	+ 3 0.0	2.013	2.984	6.1	21.2
5 1	14 31.29	+ 3 58.1	2.006	2.976	6.3	21.2
5 11	14 23.75	+ 4 40.1	2.025	2.969	8.4	21.3
5 21	14 17.04	+ 5 3.0	2.070	2.961	11.1	21.4
5 31	14 11.80	+ 5 5.8	2.136	2.953	13.7	21.6

146165 2000 SM_{227} 4 30.5 158°.71 3°.0/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.26	− 6 28.9	2.795	3.594	10.8	20.7
4 1	14 50.35	− 5 42.7	2.712	3.599	8.4	20.5
4 11	14 44.91	− 4 53.7	2.653	3.603	5.9	20.4
4 21	14 38.38	− 4 5.2	2.621	3.607	3.6	20.2
5 1	14 31.33	− 3 21.1	2.619	3.611	3.3	20.2
5 11	14 24.37	− 2 44.6	2.645	3.615	5.3	20.3
5 21	14 18.10	− 2 18.5	2.699	3.618	7.8	20.5
5 31	14 13.00	− 2 4.4	2.778	3.621	10.2	20.7

464197 2015 BJ_{38} 4 30.5 205°.85 2°.1/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.36	−21 26.3	2.032	2.802	15.2	21.3
4 1	14 56.93	−21 37.2	1.934	2.798	12.4	21.1
4 11	14 50.01	−21 36.4	1.857	2.794	8.9	20.9
4 21	14 41.14	−21 23.2	1.805	2.789	5.2	20.6
5 1	14 31.18	−20 58.9	1.779	2.784	2.1	20.4
5 11	14 21.20	−20 26.6	1.783	2.778	4.4	20.6
5 21	14 12.25	−19 51.1	1.813	2.771	8.3	20.8
5 31	14 5.18	−19 17.6	1.868	2.764	12.0	21.0

468950 2015 AU_{25} 4 30.5 141°.68 7°.0/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.14	− 1 29.5	1.912	2.732	14.2	21.5
4 1	14 51.74	+ 0 30.5	1.842	2.737	11.4	21.3
4 11	14 46.21	+ 2 33.6	1.797	2.741	8.7	21.2
4 21	14 39.12	+ 4 31.2	1.777	2.745	7.1	21.1
5 1	14 31.29	+ 6 14.1	1.785	2.748	7.7	21.1
5 11	14 23.64	+ 7 35.2	1.820	2.752	10.0	21.2
5 21	14 17.00	+ 8 30.5	1.878	2.755	12.8	21.4
5 31	14 12.03	+ 8 58.9	1.958	2.758	15.4	21.6

312089 2007 TG_{99} 4 30.5 119°.43 0°.6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.02	−15 22.0	1.750	2.546	16.3	21.9
4 1	14 57.43	−15 3.8	1.676	2.561	12.9	21.7
4 11	14 50.26	−14 35.5	1.624	2.575	8.8	21.5
4 21	14 41.18	−13 59.2	1.595	2.588	4.4	21.3
5 1	14 31.19	−13 18.9	1.594	2.601	0.7	21.0
5 11	14 21.46	−12 39.6	1.621	2.614	5.1	21.4
5 21	14 13.03	−12 6.4	1.674	2.626	9.4	21.6
5 31	14 6.67	−11 43.4	1.750	2.637	13.1	21.9

415649 2014 QE_{402} 4 30.5 174°.90 4°.3/27.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.64	− 6 39.3	1.734	2.546	15.8	21.8
4 1	14 56.40	− 5 50.2	1.654	2.548	12.5	21.6
4 11	14 49.62	− 4 56.4	1.597	2.550	8.8	21.3
4 21	14 40.91	− 4 3.1	1.564	2.551	5.3	21.1
5 1	14 31.22	− 3 16.3	1.557	2.552	4.6	21.1
5 11	14 21.67	− 2 41.8	1.578	2.552	7.6	21.3
5 21	14 13.32	− 2 23.5	1.624	2.552	11.4	21.5
5 31	14 6.96	− 2 23.2	1.692	2.551	14.9	21.7

507593 2013 BT_{48} 4 30.5 141°.94 1°.3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.10	−21 15.5	2.772	3.534	11.8	22.5
4 1	14 51.94	−21 8.2	2.681	3.541	9.5	22.3
4 11	14 46.09	−20 51.2	2.613	3.549	6.7	22.1
4 21	14 39.01	−20 25.2	2.571	3.556	3.8	22.0
5 1	14 31.32	−19 51.9	2.558	3.563	1.4	21.8
5 11	14 23.73	−19 14.3	2.574	3.569	3.3	21.9
5 21	14 16.89	−18 35.9	2.619	3.576	6.2	22.1
5 31	14 11.34	−18 0.3	2.691	3.582	8.9	22.3

366818 2005 EO_{247} 4 30.5 356°.04 3°.1/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.83	−12 12.2	1.240	2.082	19.1	20.5
4 1	14 51.29	−11 23.1	1.166	2.079	15.0	20.3
4 11	14 46.67	−10 21.0	1.112	2.076	10.3	20.0
4 21	14 39.62	− 9 11.6	1.079	2.074	5.4	19.7
5 1	14 31.29	− 8 2.8	1.070	2.073	3.4	19.6
5 11	14 23.11	− 7 3.8	1.084	2.073	7.8	19.8
5 21	14 16.37	− 6 21.9	1.121	2.074	12.8	20.1
5 31	14 12.08	− 6 1.5	1.177	2.076	17.3	20.4

433529 2013 WV_{82} 4 30.5 135°.21 3°.5/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.82	−27 33.8	2.247	2.992	14.7	22.1
4 1	14 54.62	−27 35.4	2.158	3.001	12.1	21.9
4 11	14 48.22	−27 21.5	2.090	3.009	9.1	21.7
4 21	14 40.16	−26 51.4	2.046	3.017	6.0	21.5
5 1	14 31.27	−26 6.6	2.029	3.024	3.7	21.4
5 11	14 22.54	−25 10.6	2.041	3.032	4.5	21.5
5 21	14 14.83	−24 8.9	2.080	3.039	7.4	21.6
5 31	14 8.86	−23 7.4	2.145	3.045	10.5	21.8

206934 2004 RS_{61} 4 30.5 210°.88 1°.3/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.17	−19 55.1	1.848	2.628	16.2	22.0
4 1	14 57.82	−19 49.8	1.750	2.622	13.1	21.8
4 11	14 50.78	−19 31.5	1.672	2.615	9.3	21.5
4 21	14 41.59	−19 0.3	1.619	2.608	5.0	21.2
5 1	14 31.20	−18 18.5	1.593	2.599	1.3	21.0
5 11	14 20.79	−17 30.7	1.595	2.590	4.7	21.2
5 21	14 11.50	−16 42.7	1.623	2.581	9.2	21.4
5 31	14 4.27	−16 0.5	1.676	2.570	13.2	21.6

106040 2000 SR_{305} 4 30.5 234°.53 0°.8/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.88	−20 21.3	1.737	2.527	16.7	19.9
4 1	14 55.38	−19 54.2	1.639	2.518	13.5	19.7
4 11	14 49.17	−19 10.7	1.562	2.509	9.5	19.4
4 21	14 40.81	−18 12.0	1.508	2.499	5.0	19.1
5 1	14 31.24	−17 1.8	1.481	2.488	0.8	18.8
5 11	14 21.68	−15 46.5	1.481	2.477	5.0	19.0
5 21	14 13.27	−14 33.8	1.507	2.466	9.7	19.3
5 31	14 6.94	−13 30.8	1.557	2.454	13.9	19.5

65653 1981 EP_{44} 4 30.5 339°.24 3°.6/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.19	−11 51.5	1.254	2.096	18.9	19.5
4 1	14 51.60	−10 52.1	1.177	2.089	15.0	19.2
4 11	14 46.92	− 9 38.8	1.118	2.082	10.3	18.9
4 21	14 39.78	− 8 17.8	1.081	2.076	5.5	18.6
5 1	14 31.29	− 6 57.7	1.068	2.071	3.9	18.5
5 11	14 22.91	− 5 48.5	1.079	2.066	8.2	18.7
5 21	14 15.95	− 4 58.3	1.112	2.062	13.2	19.0
5 31	14 11.43	− 4 31.8	1.165	2.059	17.8	19.2

135260 2001 SP_{59} 4 30.5 123°.70 1°.9/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.55	−12 2.9	2.493	3.289	12.0	20.2
4 1	14 50.77	−11 11.1	2.413	3.299	9.4	20.0
4 11	14 45.30	−10 12.4	2.356	3.309	6.4	19.8
4 21	14 38.62	− 9 10.1	2.326	3.318	3.3	19.7
5 1	14 31.36	− 8 8.6	2.325	3.327	2.1	19.6
5 11	14 24.26	− 7 12.4	2.353	3.336	4.7	19.8
5 21	14 17.96	− 6 25.2	2.409	3.344	7.8	20.0
5 31	14 12.99	− 5 49.9	2.489	3.353	10.6	20.2

315413 2007 VE_{219} 4 30.5 234°.82 1°.0/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.06	−19 50.5	1.848	2.633	16.0	21.5
4 1	14 56.19	−19 35.3	1.746	2.621	12.9	21.3
4 11	14 49.69	−19 6.1	1.664	2.609	9.2	21.0
4 21	14 41.07	−18 23.5	1.607	2.596	4.9	20.7
5 1	14 31.23	−17 30.3	1.576	2.583	1.0	20.4
5 11	14 21.35	−16 31.6	1.573	2.569	4.8	20.6
5 21	14 12.52	−15 33.9	1.597	2.555	9.3	20.9
5 31	14 5.70	−14 43.5	1.645	2.540	13.4	21.1

104448 2000 GE_{6} 4 30.5 123°.75 0°.9/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.21	−18 1.4	2.118	2.902	14.2	19.8
4 1	14 54.21	−18 6.8	2.028	2.903	11.4	19.6
4 11	14 48.00	−18 2.9	1.959	2.904	8.0	19.3
4 21	14 40.10	−17 50.4	1.916	2.905	4.2	19.1
5 1	14 31.30	−17 31.1	1.900	2.907	0.9	18.9
5 11	14 22.56	−17 8.3	1.912	2.908	4.1	19.1
5 21	14 14.78	−16 45.7	1.951	2.909	7.9	19.3
5 31	14 8.68	−16 27.3	2.015	2.910	11.3	19.5

197031 2003 UK_{128} 4 30.5 223°.55 0°.5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.15	−19 5.4	2.157	2.942	14.0	20.7
4 1	14 52.57	−18 41.0	2.061	2.938	11.2	20.5
4 11	14 46.85	−18 4.5	1.987	2.933	7.8	20.3
4 21	14 39.52	−17 17.6	1.938	2.929	4.1	20.0
5 1	14 31.33	−16 23.1	1.917	2.925	0.5	19.7
5 11	14 23.21	−15 26.1	1.924	2.920	4.1	20.0
5 21	14 15.99	−14 31.5	1.959	2.915	8.0	20.2
5 31	14 10.40	−13 44.5	2.018	2.910	11.4	20.4

355565 2008 CL_{46} 4 30.5 110°.44 3°.5/ 3.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.71	−27 6.8	2.463	3.208	13.5	21.3
4 1	14 52.83	−27 20.1	2.369	3.211	11.2	21.1
4 11	14 46.94	−27 20.2	2.297	3.215	8.5	20.9
4 21	14 39.54	−27 6.3	2.249	3.218	5.7	20.8
5 1	14 31.33	−26 39.2	2.228	3.221	3.6	20.6
5 11	14 23.20	−26 1.4	2.235	3.224	4.3	20.7
5 21	14 15.93	−25 17.2	2.270	3.227	6.9	20.8
5 31	14 10.19	−24 31.5	2.330	3.230	9.8	21.0

470179 2006 UA_{284} 4 30.5 165°.66 0°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.71	−15 31.0	2.558	3.338	12.2	22.1
4 1	14 53.35	−15 30.9	2.465	3.340	9.6	21.9
4 11	14 47.16	−15 24.2	2.396	3.343	6.7	21.7
4 21	14 39.60	−15 11.9	2.353	3.344	3.3	21.5
5 1	14 31.33	−14 56.1	2.338	3.346	0.2	21.2
5 11	14 23.12	−14 39.3	2.353	3.347	3.7	21.5
5 21	14 15.69	−14 24.3	2.397	3.349	7.0	21.7
5 31	14 9.63	−14 14.1	2.466	3.350	9.9	21.9

367785 2010 XX_{85} 4 30.5 244°.21 5°.3/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.00	− 3 41.5	1.861	2.674	14.8	21.3
4 1	14 55.09	− 2 47.6	1.769	2.662	11.9	21.1
4 11	14 48.77	− 1 50.7	1.699	2.649	8.6	20.9
4 21	14 40.56	− 0 56.3	1.654	2.636	5.9	20.7
5 1	14 31.28	− 0 10.7	1.636	2.623	5.7	20.6
5 11	14 22.00	+ 0 20.3	1.645	2.609	8.3	20.7
5 21	14 13.71	+ 0 33.2	1.678	2.594	11.8	20.9
5 31	14 7.25	+ 0 26.4	1.734	2.579	15.2	21.1

177129 2003 HS_{31} 4 30.5 270°.39 0°.1/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.12	−15 39.2	2.409	3.194	12.7	20.3
4 1	14 53.10	−15 42.8	2.309	3.187	10.1	20.1
4 11	14 47.13	−15 39.7	2.232	3.179	7.0	19.9
4 21	14 39.65	−15 30.7	2.181	3.172	3.5	19.6
5 1	14 31.33	−15 17.7	2.157	3.165	0.2	19.3
5 11	14 23.00	−15 3.2	2.163	3.158	3.9	19.6
5 21	14 15.45	−14 50.3	2.196	3.150	7.4	19.8
5 31	14 9.34	−14 42.1	2.255	3.143	10.6	20.0

427414 1999 XX_{147} 4 30.5 119°.63 1°.4/29.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.66	−12 13.9	2.108	2.905	13.9	21.8
4 1	14 54.39	−11 57.8	2.027	2.913	10.9	21.6
4 11	14 48.00	−11 35.4	1.968	2.921	7.5	21.4
4 21	14 40.05	−11 9.2	1.936	2.929	3.7	21.2
5 1	14 31.32	−10 42.3	1.931	2.936	1.5	21.1
5 11	14 22.74	−10 18.5	1.954	2.944	4.8	21.3
5 21	14 15.14	−10 1.3	2.004	2.951	8.5	21.5
5 31	14 9.20	− 9 53.4	2.079	2.958	11.7	21.8

318716 2005 QP_{177} 4 30.5 195°.32 1°.4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.96	−22 38.4	2.834	3.592	11.6	21.5
4 1	14 51.08	−22 18.0	2.733	3.590	9.4	21.3
4 11	14 45.54	−21 46.6	2.654	3.588	6.7	21.1
4 21	14 38.78	−21 4.8	2.601	3.585	3.8	20.9
5 1	14 31.38	−20 14.8	2.578	3.582	1.5	20.7
5 11	14 24.05	−19 19.9	2.584	3.579	3.2	20.9
5 21	14 17.43	−18 24.1	2.618	3.575	6.2	21.0
5 31	14 12.06	−17 31.6	2.680	3.571	8.9	21.2

330116 2005 XX_{84} 4 30.5 142°.38 18°.9/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 9.20	+24 21.3	1.282	2.060	22.1	20.5
4 1	15 3.97	+26 21.1	1.246	2.067	20.4	20.4
4 11	14 55.14	+27 53.2	1.226	2.074	19.3	20.3
4 21	14 43.69	+28 44.0	1.223	2.080	18.9	20.3
5 1	14 31.14	+28 44.1	1.238	2.086	19.5	20.3
5 11	14 19.24	+27 51.8	1.271	2.091	20.9	20.4
5 21	14 9.40	+26 12.7	1.320	2.095	22.6	20.6
5 31	14 2.53	+23 56.4	1.384	2.099	24.3	20.7

307222 2002 GB_{92} 4 30.5 69°.53 0°.5/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.24	−18 20.1	1.448	2.256	18.6	20.8
4 1	14 55.92	−18 7.1	1.375	2.264	14.8	20.6
4 11	14 49.61	−17 39.5	1.321	2.273	10.3	20.3
4 21	14 41.02	−16 59.0	1.289	2.282	5.3	20.1
5 1	14 31.27	−16 9.6	1.283	2.291	0.5	19.7
5 11	14 21.77	−15 17.9	1.303	2.300	5.4	20.1
5 21	14 13.75	−14 30.8	1.348	2.309	10.3	20.4
5 31	14 8.13	−13 54.3	1.414	2.318	14.6	20.7

47526 2000 AM_{90} 4 30.5 245°.76 0°.2/30.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.29	−16 48.9	1.958	2.748	15.0	19.4
4 1	14 55.42	−16 26.0	1.852	2.733	12.0	19.1
4 11	14 49.07	−15 51.4	1.767	2.716	8.4	18.9
4 21	14 40.76	−15 6.7	1.707	2.700	4.2	18.6
5 1	14 31.29	−14 15.2	1.675	2.682	0.4	18.2
5 11	14 21.75	−13 22.0	1.670	2.664	4.9	18.6
5 21	14 13.15	−12 32.7	1.693	2.646	9.2	18.8
5 31	14 6.37	−11 52.8	1.740	2.627	13.2	19.0

341162 2007 PW_{48} 4 30.5 249°.48 1°.9/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.69	−21 37.5	2.134	2.908	14.5	21.4
4 1	14 53.94	−21 40.6	2.034	2.900	11.8	21.2
4 11	14 47.91	−21 31.8	1.955	2.893	8.5	20.9
4 21	14 40.12	−21 10.9	1.901	2.886	4.9	20.7
5 1	14 31.33	−20 39.5	1.874	2.878	2.0	20.5
5 11	14 22.54	−20 1.1	1.875	2.870	4.2	20.6
5 21	14 14.66	−19 20.3	1.903	2.862	7.9	20.8
5 31	14 8.49	−18 42.2	1.956	2.854	11.4	21.0

305553 2008 UL_{182} 4 30.5 64°.15 1°.6/29.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.30	−14 41.2	1.342	2.165	19.0	21.6
4 1	14 55.38	−14 3.2	1.269	2.169	15.0	21.3
4 11	14 49.35	−13 11.5	1.215	2.174	10.3	21.1
4 21	14 40.94	−12 10.0	1.183	2.178	5.1	20.8
5 1	14 31.30	−11 5.2	1.177	2.183	1.9	20.6
5 11	14 21.89	−10 5.2	1.195	2.188	6.6	20.9
5 21	14 13.99	− 9 17.4	1.237	2.193	11.7	21.2
5 31	14 8.56	− 8 46.9	1.301	2.197	16.1	21.5

241866 2001 TA_{210} 4 30.5 180°.98 1°.1/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.60	−21 46.1	2.597	3.362	12.4	20.9
4 1	14 51.72	−21 19.6	2.499	3.362	10.0	20.8
4 11	14 46.05	−20 41.2	2.425	3.363	7.1	20.6
4 21	14 39.06	−19 52.0	2.376	3.363	3.9	20.4
5 1	14 31.40	−18 54.7	2.356	3.362	1.2	20.2
5 11	14 23.84	−17 53.3	2.366	3.362	3.4	20.3
5 21	14 17.06	−16 52.3	2.404	3.361	6.7	20.5
5 31	14 11.65	−15 56.3	2.469	3.359	9.6	20.7

151933 2004 FZ_{26} 4 30.5 274°.43 3°.2/ 2.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.64	−21 41.7	1.420	2.216	19.4	20.6
4 1	14 58.57	−22 10.8	1.321	2.200	16.0	20.3
4 11	14 52.07	−22 25.9	1.240	2.183	11.8	20.0
4 21	14 42.59	−22 24.7	1.181	2.167	7.1	19.7
5 1	14 31.21	−22 6.8	1.146	2.150	3.3	19.4
5 11	14 19.53	−21 35.5	1.136	2.133	6.1	19.5
5 21	14 9.16	−20 57.3	1.150	2.115	11.2	19.7
5 31	14 1.46	−20 20.3	1.186	2.098	16.1	20.0

414141 2007 VQ_{247} 4 30.5 239°.65 2°.9/28.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.67	−11 10.7	1.743	2.553	15.8	22.2
4 1	14 55.09	−10 20.5	1.648	2.542	12.5	22.0
4 11	14 48.91	− 9 20.3	1.575	2.531	8.6	21.7
4 21	14 40.69	− 8 14.4	1.526	2.519	4.6	21.4
5 1	14 31.32	− 7 8.7	1.504	2.506	3.2	21.3
5 11	14 21.94	− 6 10.2	1.510	2.493	6.8	21.5
5 21	14 13.64	− 5 24.9	1.541	2.480	11.1	21.7
5 31	14 7.31	− 4 56.8	1.594	2.466	15.0	21.9

60034 1999 TX_{92} 4 30.5 286°.62 2°.5/29.1 18

3 22	14 59.27	−10 30.3	1.545	2.364	17.1	19.3
4 1	14 56.06	−10 13.5	1.448	2.346	13.7	19.0
4 11	14 49.91	− 9 49.5	1.371	2.328	9.5	18.7
4 21	14 41.34	− 9 21.5	1.317	2.311	5.0	18.4
5 1	14 31.29	− 8 54.0	1.289	2.293	2.7	18.2
5 11	14 21.09	− 8 32.6	1.286	2.275	6.8	18.4
5 21	14 12.02	− 8 22.0	1.308	2.257	11.7	18.7
5 31	14 5.18	− 8 25.8	1.351	2.240	16.1	18.9

271703 2004 RT_{154} 4 30.5 199°.33 4°.9/ 4.6 17

3 22	15 1.33	−30 27.0	2.353	3.077	14.6	21.6
4 1	14 56.78	−30 53.4	2.250	3.074	12.4	21.4
4 11	14 49.87	−31 4.9	2.168	3.070	9.7	21.3
4 21	14 41.11	−30 59.2	2.110	3.066	7.0	21.1
5 1	14 31.31	−30 35.9	2.079	3.061	5.1	20.9
5 11	14 21.50	−29 57.0	2.075	3.056	5.5	21.0
5 21	14 12.65	−29 7.0	2.099	3.050	7.8	21.1
5 31	14 5.57	−28 11.9	2.148	3.044	10.6	21.3

93266 2000 SW_{171} 4 30.5 243°.29 5°.7/25.6 18

3 22	14 59.02	+ 0 22.4	2.303	3.104	12.7	20.3
4 1	14 54.63	+ 1 14.8	2.205	3.087	10.3	20.1
4 11	14 48.21	+ 2 6.9	2.130	3.069	7.8	19.9
4 21	14 40.23	+ 2 53.7	2.081	3.051	6.0	19.8
5 1	14 31.36	+ 3 30.0	2.060	3.032	6.1	19.8
5 11	14 22.46	+ 3 51.2	2.066	3.012	8.1	19.8
5 21	14 14.34	+ 3 55.0	2.099	2.992	10.9	20.0
5 31	14 7.69	+ 3 40.6	2.154	2.971	13.6	20.1

176534 2002 AK_{10} 4 30.5 71°.46 6°.4/ 7.4 18

3 22	14 58.30	−37 42.1	2.370	3.060	15.3	19.7
4 1	14 54.29	−37 55.7	2.289	3.079	13.3	19.6
4 11	14 48.00	−37 49.5	2.228	3.097	10.9	19.5
4 21	14 40.07	−37 21.4	2.188	3.115	8.5	19.4
5 1	14 31.37	−36 31.5	2.174	3.133	6.8	19.3
5 11	14 22.93	−35 23.2	2.186	3.152	6.5	19.3
5 21	14 15.63	−34 2.2	2.226	3.170	7.9	19.4
5 31	14 10.15	−32 35.4	2.291	3.188	10.0	19.6

102014 1999 RH_{86} 4 30.5 280°.75 5°.1/26.9 17

3 22	14 56.99	− 6 25.2	1.560	2.386	16.6	19.9
4 1	14 54.06	− 5 25.5	1.470	2.372	13.2	19.7
4 11	14 48.38	− 4 18.9	1.400	2.357	9.4	19.4
4 21	14 40.49	− 3 11.5	1.354	2.342	6.0	19.2
5 1	14 31.34	− 2 11.0	1.334	2.327	5.5	19.1
5 11	14 22.16	− 1 25.0	1.339	2.312	8.8	19.3
5 21	14 14.11	− 0 58.8	1.368	2.297	13.0	19.4
5 31	14 8.16	− 0 55.1	1.417	2.282	16.9	19.6

328893 2010 RU_{103} 4 30.5 124°.43 0°.5/30.2 16

3 22	15 0.14	−16 20.9	1.869	2.661	15.6	22.0
4 1	14 55.84	−15 52.5	1.792	2.674	12.3	21.8
4 11	14 49.13	−15 13.1	1.736	2.686	8.4	21.6
4 21	14 40.66	−14 25.0	1.705	2.698	4.2	21.4
5 1	14 31.35	−13 32.5	1.702	2.710	0.6	21.1
5 11	14 22.26	−12 40.8	1.727	2.720	4.8	21.5
5 21	14 14.36	−11 55.4	1.779	2.731	8.9	21.7
5 31	14 8.37	−11 20.7	1.855	2.741	12.5	22.0

98038 2000 RZ_{20} 4 30.5 194°.16 0°.4/30.9 16

3 22	15 0.12	−19 7.5	1.830	2.617	16.0	19.6
4 1	14 56.11	−18 40.0	1.738	2.615	12.9	19.3
4 11	14 49.53	−17 58.3	1.666	2.613	9.0	19.1
4 21	14 40.96	−17 3.9	1.620	2.611	4.6	18.8
5 1	14 31.33	−16 0.6	1.600	2.607	0.4	18.5
5 11	14 21.79	−14 54.3	1.608	2.604	4.8	18.8
5 21	14 13.39	−13 51.8	1.643	2.599	9.2	19.1
5 31	14 6.99	−12 59.0	1.702	2.594	13.2	19.3

405488 2004 XZ_{68} 4 30.5 134°.46 2°.3/29.1 18

3 22	15 3.99	−10 19.1	1.863	2.659	15.5	21.7
4 1	14 58.78	− 9 56.5	1.788	2.674	12.2	21.5
4 11	14 51.11	− 9 28.1	1.736	2.688	8.3	21.3
4 21	14 41.64	− 8 57.2	1.709	2.701	4.3	21.1
5 1	14 31.31	− 8 27.8	1.710	2.713	2.5	21.0
5 11	14 21.23	− 8 4.3	1.739	2.725	5.8	21.2
5 21	14 12.38	− 7 50.1	1.796	2.736	9.7	21.5
5 31	14 5.51	− 7 47.8	1.876	2.746	13.1	21.7

30949 1994 PF_{9} 4 30.5 105°.26 0°.6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.06	−14 47.0	2.574	3.359	12.0	19.2
4 1	14 51.91	−14 23.4	2.496	3.375	9.4	19.0
4 11	14 46.08	−13 52.8	2.441	3.390	6.4	18.9
4 21	14 39.04	−13 17.2	2.413	3.406	3.1	18.7
5 1	14 31.44	−12 39.6	2.414	3.421	0.7	18.5
5 11	14 24.01	−12 3.4	2.444	3.435	3.8	18.8
5 21	14 17.38	−11 31.8	2.502	3.450	6.9	19.0
5 31	14 12.09	−11 7.7	2.585	3.464	9.7	19.2

227355 2005 UU_{111} 4 30.5 280°.51 0°.9/ 1.1 17

3 22	14 57.50	−18 47.8	1.789	2.583	16.1	20.7
4 1	14 54.29	−18 40.8	1.687	2.569	13.0	20.4
4 11	14 48.47	−18 21.1	1.606	2.555	9.2	20.2
4 21	14 40.53	−17 49.5	1.549	2.540	4.9	19.9
5 1	14 31.36	−17 8.4	1.519	2.526	0.9	19.6
5 11	14 22.10	−16 22.6	1.515	2.511	4.8	19.8
5 21	14 13.87	−15 37.9	1.537	2.497	9.4	20.0
5 31	14 7.62	−15 0.2	1.582	2.482	13.5	20.3

307489 2002 XZ_{64} 4 30.5 91°.88 9°.5/24.6 16

3 22	15 1.74	+ 8 26.2	1.734	2.541	16.0	20.3
4 1	14 57.11	+ 9 24.3	1.674	2.549	13.5	20.1
4 11	14 50.00	+10 13.0	1.635	2.557	11.1	20.0
4 21	14 41.08	+10 44.9	1.620	2.565	9.6	19.9
5 1	14 31.35	+10 53.8	1.629	2.573	9.9	20.0
5 11	14 21.91	+10 36.5	1.662	2.581	11.7	20.1
5 21	14 13.75	+ 9 53.7	1.719	2.589	14.1	20.2
5 31	14 7.60	+ 8 48.2	1.796	2.596	16.6	20.4

123338 2000 VT_{47} 4 30.5 216°.89 1°.0/29.7 17

3 22	14 58.38	−13 58.8	2.381	3.168	12.8	21.7
4 1	14 54.09	−13 32.3	2.279	3.159	10.1	21.5
4 11	14 47.82	−12 57.8	2.200	3.150	7.0	21.3
4 21	14 40.02	−12 17.5	2.148	3.140	3.4	21.1
5 1	14 31.39	−11 34.6	2.124	3.130	1.1	20.9
5 11	14 22.77	−10 53.2	2.129	3.119	4.4	21.1
5 21	14 14.95	−10 17.3	2.163	3.108	8.0	21.3
5 31	14 8.60	− 9 50.3	2.221	3.096	11.2	21.5

501560 2014 MD_{37} 4 30.5 198°.48 2°.4/28.7 17

3 22	15 1.20	−11 16.3	1.959	2.757	14.8	22.3
4 1	14 56.69	−10 34.5	1.867	2.754	11.7	22.1
4 11	14 49.79	− 9 44.5	1.797	2.750	8.0	21.8
4 21	14 41.06	− 8 49.8	1.752	2.745	4.2	21.6
5 1	14 31.35	− 7 55.4	1.736	2.739	2.6	21.5
5 11	14 21.70	− 7 6.8	1.748	2.732	6.0	21.7
5 21	14 13.08	− 6 28.9	1.787	2.724	9.9	21.9
5 31	14 6.28	− 6 5.2	1.849	2.716	13.5	22.1

281028 2006 GS_{14} 4 30.5 298°.49 0°.8/30.0 17

3 22	14 57.38	−13 59.8	1.910	2.712	14.9	20.8
4 1	14 53.84	−13 51.1	1.817	2.705	11.8	20.6
4 11	14 47.93	−13 34.5	1.746	2.699	8.2	20.3
4 21	14 40.17	−13 11.8	1.699	2.692	4.1	20.1
5 1	14 31.39	−12 45.9	1.679	2.686	0.9	19.8
5 11	14 22.62	−12 21.2	1.686	2.679	4.9	20.1
5 21	14 14.83	−12 1.5	1.720	2.673	9.1	20.3
5 31	14 8.85	−11 50.6	1.777	2.667	12.8	20.5

496881 2000 SP_{242} 4 30.5 219°.80 4°.0/ 3.6 17

3 22	15 3.68	−27 20.0	2.522	3.250	13.6	22.0
4 1	14 58.51	−27 53.6	2.409	3.239	11.4	21.8
4 11	14 51.04	−28 15.6	2.318	3.228	8.8	21.6
4 21	14 41.73	−28 24.0	2.252	3.216	6.1	21.4
5 1	14 31.33	−28 17.8	2.214	3.203	4.1	21.2
5 11	14 20.78	−27 58.5	2.205	3.189	4.9	21.2
5 21	14 11.05	−27 29.3	2.224	3.175	7.5	21.4
5 31	14 2.95	−26 55.2	2.270	3.160	10.4	21.5

264311 1999 RS_{157} 4 30.5 266°.96 2°.1/29.1 18

3 22	14 59.82	−11 57.7	1.763	2.569	15.8	21.0
4 1	14 56.18	−11 28.9	1.655	2.547	12.6	20.8
4 11	14 49.85	−10 50.9	1.569	2.524	8.8	20.5
4 21	14 41.28	−10 6.5	1.507	2.500	4.5	20.2
5 1	14 31.35	− 9 20.2	1.471	2.476	2.3	20.0
5 11	14 21.21	− 8 38.0	1.463	2.451	6.3	20.2
5 21	14 12.05	− 8 5.3	1.480	2.426	10.9	20.4
5 31	14 4.86	− 7 46.6	1.520	2.401	15.1	20.5

303698 2005 OP_{18} 4 30.5 218°.87 3°.8/ 4.1 17

3 22	14 57.35	−28 26.6	2.575	3.310	13.2	21.4
4 1	14 53.36	−28 43.3	2.473	3.306	11.1	21.3
4 11	14 47.36	−28 46.9	2.392	3.303	8.5	21.1
4 21	14 39.82	−28 36.1	2.335	3.299	5.9	20.9
5 1	14 31.43	−28 11.2	2.305	3.294	4.0	20.8
5 11	14 23.05	−27 34.6	2.304	3.290	4.5	20.8
5 21	14 15.48	−26 50.1	2.330	3.285	6.9	20.9
5 31	14 9.40	−26 2.5	2.382	3.281	9.6	21.1

431847 2008 SQ_{59} 4 30.5 203°.95 0°.4/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.68	−15 5.8	2.269	3.055	13.4	21.6
4 1	14 54.43	−14 55.1	2.173	3.052	10.6	21.4
4 11	14 48.10	−14 36.6	2.100	3.048	7.3	21.2
4 21	14 40.19	−14 11.8	2.052	3.044	3.6	20.9
5 1	14 31.42	−13 43.4	2.033	3.040	0.5	20.7
5 11	14 22.69	−13 14.8	2.042	3.035	4.2	20.9
5 21	14 14.81	−12 49.8	2.079	3.030	7.9	21.2
5 31	14 8.50	−12 31.7	2.142	3.025	11.2	21.4

34068 2000 OB_{56} 4 30.6 307°.42 0°.2/30.7 18

3 22	14 54.85	−17 9.1	2.000	2.797	14.5	19.7
4 1	14 51.86	−16 57.2	1.897	2.781	11.6	19.4
4 11	14 46.60	−16 34.7	1.815	2.766	8.1	19.2
4 21	14 39.55	−16 3.0	1.758	2.751	4.1	18.9
5 1	14 31.46	−15 24.8	1.728	2.735	0.2	18.5
5 11	14 23.31	−14 44.5	1.725	2.721	4.5	18.8
5 21	14 16.05	−14 6.9	1.748	2.706	8.6	19.1
5 31	14 10.47	−13 36.7	1.796	2.692	12.4	19.3

470625 2008 SL_{29} 4 30.6 298°.43 0°.6/30.2 16

3 22	14 55.94	−16 40.5	1.747	2.552	16.0	21.8
4 1	14 53.30	−16 11.4	1.629	2.518	12.9	21.5
4 11	14 48.00	−15 28.2	1.531	2.485	9.1	21.2
4 21	14 40.43	−14 32.3	1.457	2.451	4.6	20.9
5 1	14 31.41	−13 27.5	1.409	2.417	0.7	20.5
5 11	14 22.09	−12 20.3	1.388	2.382	5.6	20.7
5 21	14 13.64	−11 17.7	1.392	2.348	10.6	20.9
5 31	14 7.13	−10 26.8	1.419	2.314	15.1	21.1

285101 1994 WD_{13} 4 30.6 270°.54 4°.2/26.8 18

3 22	14 55.42	− 3 5.4	2.406	3.212	12.1	20.7
4 1	14 51.66	− 2 28.6	2.316	3.205	9.6	20.5
4 11	14 46.08	− 1 51.1	2.249	3.197	6.9	20.3
4 21	14 39.14	− 1 16.7	2.208	3.189	4.7	20.1
5 1	14 31.49	− 0 49.6	2.195	3.181	4.5	20.1
5 11	14 23.88	− 0 33.3	2.210	3.174	6.5	20.2
5 21	14 17.02	− 0 30.0	2.251	3.166	9.3	20.4
5 31	14 11.52	− 0 40.8	2.316	3.158	12.0	20.5

475502 2006 SR_{310} 4 30.6 263°.78 0°.6/29.9 17

3 22	14 54.23	−16 22.7	2.261	3.054	13.2	21.8
4 1	14 50.95	−15 43.8	2.165	3.048	10.4	21.6
4 11	14 45.71	−14 54.1	2.091	3.042	7.2	21.3
4 21	14 38.99	−13 56.3	2.043	3.036	3.5	21.1
5 1	14 31.51	−12 54.2	2.023	3.030	0.7	20.9
5 11	14 24.08	−11 52.8	2.031	3.023	4.3	21.1
5 21	14 17.47	−10 57.0	2.067	3.017	8.0	21.3
5 31	14 12.35	−10 11.2	2.127	3.011	11.3	21.5

371198 2005 YC_{162} 4 30.6 147°.11 6°.0/24.9 17

3 22	14 58.79	+ 2 20.1	2.452	3.249	12.2	21.4
4 1	14 54.06	+ 3 24.5	2.384	3.261	9.8	21.3
4 11	14 47.56	+ 4 26.3	2.339	3.272	7.6	21.2
4 21	14 39.80	+ 5 20.5	2.322	3.283	6.1	21.1
5 1	14 31.48	+ 6 2.2	2.332	3.292	6.3	21.1
5 11	14 23.34	+ 6 27.8	2.370	3.301	8.0	21.2
5 21	14 16.06	+ 6 35.7	2.434	3.310	10.3	21.4
5 31	14 10.19	+ 6 25.9	2.521	3.317	12.5	21.6

360755 2004 XG_{106} 4 30.6 188°.60 0°.6/30.9 16

3 22	15 2.57	−18 4.4	1.889	2.672	15.8	22.0
4 1	14 58.00	−17 58.3	1.796	2.671	12.6	21.8
4 11	14 50.84	−17 41.0	1.725	2.670	8.9	21.5
4 21	14 41.66	−17 13.1	1.678	2.669	4.6	21.3
5 1	14 31.38	−16 37.3	1.659	2.666	0.6	20.9
5 11	14 21.16	−15 57.9	1.668	2.663	4.7	21.2
5 21	14 12.06	−15 20.1	1.703	2.659	9.0	21.5
5 31	14 4.95	−14 48.9	1.764	2.655	12.8	21.7

412079 2013 ES_{127} 4 30.6 334°.35 4°.8/27.5 17

3 22	14 52.74	− 9 32.7	1.205	2.053	19.1	19.8
4 1	14 51.42	− 8 29.1	1.127	2.043	15.2	19.6
4 11	14 46.94	− 7 13.5	1.068	2.033	10.6	19.3
4 21	14 39.91	− 5 52.9	1.031	2.024	6.1	19.0
5 1	14 31.47	− 4 36.9	1.017	2.016	5.2	18.9
5 11	14 23.07	− 3 35.7	1.025	2.008	9.3	19.1
5 21	14 16.09	− 2 56.8	1.056	2.002	14.2	19.3
5 31	14 11.61	− 2 44.1	1.105	1.996	18.7	19.6

318577 2005 GN_{151} 4 30.6 92°.32 2°.3/28.9 17

3 22	14 57.64	−13 17.2	1.596	2.411	16.8	20.8
4 1	14 54.28	−12 23.6	1.523	2.420	13.2	20.6
4 11	14 48.29	−11 18.7	1.470	2.428	9.0	20.4
4 21	14 40.34	−10 6.9	1.442	2.436	4.5	20.1
5 1	14 31.45	− 8 54.9	1.440	2.444	2.5	20.0
5 11	14 22.81	− 7 50.1	1.464	2.452	6.4	20.3
5 21	14 15.45	− 6 58.7	1.514	2.460	10.7	20.5
5 31	14 10.16	− 6 24.8	1.586	2.468	14.5	20.8

445307 2010 EY_8 4 30.6 110°.87 0°.0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 52.70	−16 20.3	3.478	4.251	9.4	22.2
4 1	14 48.90	−16 5.3	3.393	4.264	7.4	22.0
4 11	14 43.85	−15 44.5	3.332	4.277	5.1	21.9
4 21	14 37.92	−15 19.2	3.298	4.290	2.5	21.7
5 1	14 31.57	−14 51.2	3.295	4.302	0.1	21.5
5 11	14 25.32	−14 23.0	3.321	4.315	2.7	21.8
5 21	14 19.63	−13 56.7	3.376	4.327	5.2	22.0
5 31	14 14.89	−13 34.7	3.458	4.339	7.4	22.1

477210 2009 JL_7 4 30.6 275°.72 0°.3/30.3 18

3 22	14 55.60	−15 30.2	2.521	3.306	12.2	21.6
4 1	14 51.94	−15 14.3	2.406	3.285	9.7	21.4
4 11	14 46.39	−14 50.5	2.315	3.263	6.7	21.2
4 21	14 39.37	−14 20.2	2.249	3.242	3.4	20.9
5 1	14 31.50	−13 45.8	2.212	3.219	0.4	20.7
5 11	14 23.54	−13 10.8	2.204	3.197	4.0	20.9
5 21	14 16.24	−12 38.9	2.224	3.175	7.5	21.1
5 31	14 10.27	−12 13.6	2.269	3.152	10.7	21.2

480989 2004 BR_{85} 4 30.6 137°.67 16°.2/ 9.7 18

3 22	15 17.04	−45 12.8	1.358	2.034	25.4	21.8
4 1	15 12.84	−47 35.2	1.288	2.044	23.2	21.6
4 11	15 3.26	−49 31.8	1.231	2.053	20.8	21.4
4 21	14 48.74	−50 49.5	1.191	2.062	18.4	21.3
5 1	14 31.04	−51 16.2	1.169	2.070	16.7	21.2
5 11	14 13.09	−50 48.4	1.167	2.077	16.2	21.2
5 21	13 57.84	−49 33.6	1.185	2.083	17.0	21.3
5 31	13 47.33	−47 47.6	1.221	2.089	18.9	21.4

78561 2002 RO_{154} 4 30.6 281°.40 3°.2/28.8 18

3 22	15 0.07	− 8 21.6	1.618	2.434	16.6	19.4
4 1	14 56.39	− 8 3.9	1.530	2.427	13.2	19.1
4 11	14 49.94	− 7 41.7	1.463	2.419	9.2	18.9
4 21	14 41.29	− 7 18.6	1.420	2.412	5.0	18.6
5 1	14 31.41	− 6 59.1	1.403	2.404	3.4	18.5
5 11	14 21.54	− 6 48.1	1.412	2.397	6.9	18.7
5 21	14 12.84	− 6 49.0	1.445	2.390	11.3	18.9
5 31	14 6.27	− 7 4.2	1.501	2.382	15.3	19.1

345061 2005 GF_{164} 4 30.6 289°.76 0°.7/ 1.1 17

3 22	14 57.11	−17 42.5	2.080	2.868	14.3	21.0
4 1	14 53.56	−17 44.8	1.978	2.856	11.5	20.8
4 11	14 47.74	−17 37.6	1.897	2.844	8.1	20.5
4 21	14 40.12	−17 21.7	1.841	2.831	4.3	20.3
5 1	14 31.47	−16 58.9	1.812	2.819	0.7	20.0
5 11	14 22.76	−16 32.6	1.811	2.807	4.2	20.2
5 21	14 14.93	−16 7.0	1.837	2.795	8.3	20.4
5 31	14 8.78	−15 46.2	1.887	2.783	11.9	20.6

182833 2002 CG_1 4 30.6 127°.83 2°.2/ 2.8 18

3 22	14 55.55	−24 41.3	2.552	3.307	12.8	20.9
4 1	14 51.77	−24 30.2	2.460	3.313	10.5	20.7
4 11	14 46.15	−24 6.3	2.390	3.319	7.7	20.5
4 21	14 39.18	−23 30.1	2.345	3.324	4.7	20.4
5 1	14 31.53	−22 43.4	2.328	3.329	2.3	20.2
5 11	14 23.99	−21 49.7	2.340	3.334	3.6	20.3
5 21	14 17.27	−20 53.6	2.380	3.339	6.6	20.5
5 31	14 11.98	−19 59.8	2.446	3.344	9.4	20.7

272470 2005 UT_{76} 4 30.6 184°.86 0°.4/30.9 17

3 22	15 0.51	−17 36.6	2.473	3.243	12.8	22.5
4 1	14 55.69	−17 27.4	2.375	3.243	10.2	22.3
4 11	14 48.87	−17 9.4	2.300	3.243	7.1	22.1
4 21	14 40.56	−16 43.6	2.252	3.242	3.7	21.9
5 1	14 31.46	−16 12.1	2.233	3.240	0.4	21.6
5 11	14 22.41	−15 38.2	2.243	3.237	3.8	21.9
5 21	14 14.20	−15 5.6	2.282	3.234	7.3	22.1
5 31	14 7.48	−14 38.1	2.347	3.230	10.4	22.3

477683 2010 RW_{36} 4 30.6 240°.72 0°.2/30.3 18

3 22	14 54.91	−16 20.8	3.191	3.963	10.2	22.5
4 1	14 50.91	−15 56.6	3.074	3.945	8.1	22.3
4 11	14 45.41	−15 25.1	2.982	3.927	5.6	22.1
4 21	14 38.79	−14 47.6	2.917	3.909	2.8	21.9
5 1	14 31.55	−14 6.5	2.882	3.890	0.3	21.6
5 11	14 24.28	−13 24.6	2.877	3.870	3.2	21.9
5 21	14 17.55	−12 44.9	2.902	3.850	6.1	22.0
5 31	14 11.87	−12 10.6	2.953	3.829	8.7	22.2

163386 2002 PP_{156} 4 30.6 210°.70 1°.1/29.6 18

3 22	14 56.63	−13 43.4	2.286	3.079	13.1	21.5
4 1	14 52.77	−13 15.7	2.191	3.075	10.3	21.3
4 11	14 46.95	−12 40.2	2.120	3.071	7.1	21.1
4 21	14 39.62	−11 59.2	2.074	3.067	3.5	20.9
5 1	14 31.51	−11 16.2	2.057	3.063	1.3	20.7
5 11	14 23.46	−10 35.3	2.068	3.058	4.5	20.9
5 21	14 16.23	−10 0.7	2.107	3.053	8.1	21.1
5 31	14 10.50	− 9 35.6	2.170	3.048	11.3	21.3

204216 2004 CM_{68} 4 30.6 149°.89 4°.1/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.38	−29 27.7	2.408	3.141	14.1	20.7
4 1	14 54.27	−29 38.9	2.314	3.145	11.8	20.5
4 11	14 48.03	−29 35.0	2.241	3.150	9.1	20.4
4 21	14 40.17	−29 15.0	2.192	3.154	6.3	20.2
5 1	14 31.49	−28 39.2	2.170	3.158	4.3	20.1
5 11	14 22.89	−27 50.8	2.175	3.162	4.8	20.1
5 21	14 15.24	−26 54.3	2.209	3.165	7.2	20.3
5 31	14 9.23	−25 55.5	2.268	3.168	10.0	20.4

235567 2004 HK_{15} 4 30.6 123°.91 0°.1/30.7 18

3 22	14 52.06	−17 9.2	3.584	4.355	9.2	21.2
4 1	14 48.38	−16 50.6	3.495	4.365	7.2	21.0
4 11	14 43.50	−16 25.8	3.431	4.375	5.0	20.9
4 21	14 37.76	−15 56.2	3.394	4.385	2.5	20.7
5 1	14 31.61	−15 23.6	3.387	4.394	0.1	20.5
5 11	14 25.55	−14 50.4	3.410	4.404	2.6	20.8
5 21	14 20.01	−14 19.0	3.462	4.413	5.1	20.9
5 31	14 15.40	−13 51.7	3.541	4.422	7.3	21.1

58597 1997 TH_{10} 4 30.6 112°.17 0°.0/30.6 17

3 22	14 58.90	−17 45.3	1.920	2.710	15.3	20.1
4 1	14 54.85	−17 18.6	1.842	2.722	12.1	19.9
4 11	14 48.47	−16 40.1	1.786	2.734	8.4	19.7
4 21	14 40.39	−15 52.0	1.754	2.746	4.2	19.5
5 1	14 31.49	−14 57.9	1.750	2.758	0.2	19.2
5 11	14 22.81	−14 3.5	1.775	2.769	4.5	19.6
5 21	14 15.26	−13 13.9	1.826	2.780	8.6	19.8
5 31	14 9.56	−12 33.9	1.901	2.791	12.1	20.1

9525 Amandasickafoose 4 30.6 191°.18 4°.2/ 3.6 18

3 22	15 1.80	−26 56.2	1.950	2.703	16.3	18.8
4 1	14 57.57	−27 19.8	1.855	2.702	13.6	18.6
4 11	14 50.66	−27 28.0	1.780	2.701	10.4	18.4
4 21	14 41.63	−27 18.8	1.729	2.699	6.9	18.2
5 1	14 31.43	−26 52.2	1.703	2.697	4.4	18.0
5 11	14 21.23	−26 11.2	1.705	2.695	5.4	18.1
5 21	14 12.18	−25 21.2	1.734	2.692	8.6	18.2
5 31	14 5.18	−24 29.0	1.787	2.689	12.1	18.4

244643 2003 FR_{17} 4 30.6 91°.34 3°.5/ 2.6 18

3 22	15 3.16	−23 13.6	1.438	2.226	19.6	21.0
4 1	14 59.30	−23 39.0	1.364	2.237	16.0	20.8
4 11	14 52.16	−23 47.9	1.308	2.247	11.8	20.6
4 21	14 42.45	−23 38.7	1.275	2.257	7.1	20.3
5 1	14 31.40	−23 12.3	1.265	2.267	3.6	20.1
5 11	14 20.56	−22 33.2	1.282	2.277	5.7	20.3
5 21	14 11.33	−21 48.5	1.323	2.287	10.2	20.6
5 31	14 4.75	−21 6.0	1.387	2.297	14.4	20.8

214514 2006 DB_{20} 4 30.6 205°.83 3°.5/24.4 18

3 22	14 47.56	+ 2 50.4	4.666	5.461	6.8	20.3
4 1	14 44.60	+ 3 31.6	4.584	5.460	5.5	20.2
4 11	14 40.79	+ 4 11.0	4.527	5.458	4.3	20.1
4 21	14 36.39	+ 4 46.4	4.499	5.457	3.5	20.1
5 1	14 31.68	+ 5 15.6	4.499	5.455	3.7	20.1
5 11	14 27.02	+ 5 36.9	4.527	5.453	4.7	20.2
5 21	14 22.71	+ 5 49.1	4.583	5.451	6.0	20.3
5 31	14 19.02	+ 5 51.7	4.662	5.449	7.3	20.4

500157 2012 EU 4 30.6 358°.79 3°.1/ 2.4 17

3 22	14 57.27	−22 44.6	1.422	2.223	19.2	21.5
4 1	14 54.78	−23 2.1	1.341	2.222	15.7	21.2
4 11	14 49.15	−23 2.9	1.277	2.221	11.5	21.0
4 21	14 41.01	−22 46.0	1.235	2.220	6.9	20.7
5 1	14 31.46	−22 12.5	1.217	2.220	3.2	20.5
5 11	14 21.98	−21 27.6	1.224	2.221	5.6	20.6
5 21	14 13.92	−20 38.4	1.254	2.222	10.2	20.9
5 31	14 8.35	−19 52.7	1.307	2.224	14.6	21.1

83882 2001 US_{120} 4 30.6 354°.57 1°.2/29.9 18

3 22	14 57.29	−11 39.2	1.768	2.580	15.6	18.5
4 1	14 53.95	−11 48.4	1.682	2.576	12.3	18.3
4 11	14 48.11	−11 52.5	1.618	2.573	8.5	18.1
4 21	14 40.34	−11 53.5	1.577	2.571	4.2	17.8
5 1	14 31.50	−11 53.7	1.562	2.569	1.3	17.6
5 11	14 22.69	−11 56.3	1.575	2.568	5.2	17.9
5 21	14 14.95	−12 4.0	1.613	2.568	9.4	18.1
5 31	14 9.12	−12 19.5	1.674	2.568	13.2	18.3

470216 2006 WL_{30} 4 30.6 68°.29 0°.7/30.1 18

3 22	14 58.89	−12 50.1	2.268	3.059	13.2	21.0
4 1	14 54.50	−12 56.3	2.185	3.066	10.4	20.8
4 11	14 48.09	−12 57.5	2.124	3.074	7.1	20.6
4 21	14 40.18	−12 54.9	2.089	3.082	3.5	20.4
5 1	14 31.52	−12 50.6	2.083	3.090	0.7	20.2
5 11	14 22.96	−12 47.1	2.105	3.098	4.2	20.4
5 21	14 15.30	−12 47.0	2.155	3.106	7.7	20.7
5 31	14 9.19	−12 52.5	2.230	3.114	10.8	20.9

123137 2000 TN_{17} 4 30.6 196°.13 0°.0/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.92	−16 7.6	2.241	3.022	13.6	20.8
4 1	14 55.47	−16 1.7	2.145	3.020	10.9	20.6
4 11	14 48.87	−15 47.6	2.071	3.018	7.5	20.4
4 21	14 40.62	−15 26.3	2.023	3.015	3.8	20.2
5 1	14 31.50	−15 0.3	2.004	3.011	0.2	19.9
5 11	14 22.40	−14 32.8	2.013	3.007	4.1	20.2
5 21	14 14.19	−14 7.7	2.050	3.003	7.9	20.4
5 31	14 7.60	−13 48.6	2.112	2.998	11.3	20.6

298742 2004 GK_{54} 4 30.6 208°.96 0°.4/30.2 17

3 22	14 55.30	−15 51.8	2.319	3.109	13.0	21.9
4 1	14 51.71	−15 26.7	2.227	3.108	10.3	21.7
4 11	14 46.20	−14 52.7	2.157	3.107	7.1	21.5
4 21	14 39.26	−14 11.8	2.113	3.106	3.5	21.2
5 1	14 31.56	−13 27.0	2.097	3.104	0.5	21.0
5 11	14 23.94	−12 42.7	2.110	3.103	4.1	21.3
5 21	14 17.14	−12 3.0	2.150	3.101	7.7	21.5
5 31	14 11.81	−11 31.4	2.215	3.099	10.8	21.7

96858 1999 SY_{1} 4 30.6 210°.44 5°.6/ 5.9 18

3 22	15 0.17	−34 39.4	2.474	3.175	14.5	19.8
4 1	14 55.85	−34 52.1	2.366	3.169	12.5	19.6
4 11	14 49.24	−34 47.2	2.279	3.162	10.1	19.4
4 21	14 40.85	−34 22.4	2.214	3.155	7.7	19.3
5 1	14 31.49	−33 37.2	2.176	3.147	5.8	19.1
5 11	14 22.16	−32 34.3	2.165	3.139	5.9	19.1
5 21	14 13.79	−31 18.5	2.182	3.131	7.7	19.2
5 31	14 7.17	−29 56.6	2.225	3.122	10.3	19.4

503124 2015 FB_{342} 4 30.6 331°.68 1°.9/ 2.0 17

3 22	14 57.04	−21 41.7	1.979	2.759	15.2	21.2
4 1	14 53.58	−21 39.9	1.888	2.758	12.3	21.0
4 11	14 47.76	−21 25.0	1.817	2.757	8.9	20.8
4 21	14 40.13	−20 57.1	1.771	2.757	5.1	20.6
5 1	14 31.53	−20 18.4	1.751	2.756	1.9	20.3
5 11	14 22.99	−19 32.9	1.759	2.755	4.3	20.5
5 21	14 15.48	−18 46.0	1.793	2.755	8.2	20.7
5 31	14 9.77	−18 3.2	1.852	2.754	11.8	21.0

357937 2005 YJ_{12} 4 30.6 122°.64 3°.1/ 2.7 18

3 22	15 2.17	−24 38.7	1.558	2.337	18.8	22.0
4 1	14 58.25	−24 38.8	1.480	2.347	15.3	21.7
4 11	14 51.27	−24 20.1	1.421	2.357	11.2	21.5
4 21	14 41.95	−23 42.0	1.384	2.366	6.8	21.3
5 1	14 31.45	−22 46.7	1.373	2.375	3.3	21.1
5 11	14 21.19	−21 40.3	1.388	2.384	5.3	21.2
5 21	14 12.43	−20 30.6	1.428	2.392	9.6	21.5
5 31	14 6.12	−19 26.2	1.492	2.400	13.7	21.8

70191 1999 RY_{11} 4 30.6 168°.52 0°.7/ 1.1 18

3 22	15 1.93	−18 43.5	2.092	2.867	14.7	20.6
4 1	14 57.17	−18 31.8	2.001	2.872	11.7	20.4
4 11	14 50.08	−18 9.0	1.933	2.876	8.2	20.2
4 21	14 41.24	−17 36.1	1.890	2.880	4.3	20.0
5 1	14 31.49	−16 55.6	1.875	2.883	0.7	19.7
5 11	14 21.85	−16 11.8	1.890	2.885	4.2	20.0
5 21	14 13.25	−15 29.5	1.931	2.886	8.2	20.2
5 31	14 6.46	−14 53.5	1.999	2.887	11.7	20.4

36536 2000 QO_{89} 4 30.6 238°.67 1°.7/ 1.8 17

3 22	15 0.67	−21 23.0	1.782	2.564	16.6	19.2
4 1	14 56.90	−21 15.4	1.680	2.552	13.5	18.9
4 11	14 50.36	−20 52.6	1.597	2.539	9.8	18.7
4 21	14 41.57	−20 14.8	1.538	2.526	5.5	18.4
5 1	14 31.47	−19 23.9	1.506	2.512	1.7	18.1
5 11	14 21.29	−18 24.9	1.501	2.498	4.9	18.3
5 21	14 12.21	−17 24.6	1.522	2.483	9.4	18.5
5 31	14 5.23	−16 30.1	1.568	2.467	13.7	18.7

165333 2000 VT_{5} 4 30.6 130°.62 0°.5/30.9 18

3 22	15 1.31	−19 6.0	1.779	2.566	16.4	20.9
4 1	14 56.99	−18 43.5	1.700	2.578	13.1	20.7
4 11	14 50.09	−18 7.4	1.643	2.589	9.2	20.5
4 21	14 41.26	−17 19.4	1.609	2.600	4.7	20.2
5 1	14 31.50	−16 23.2	1.603	2.610	0.5	19.9
5 11	14 21.97	−15 24.6	1.625	2.620	4.7	20.3
5 21	14 13.71	−14 29.8	1.673	2.630	9.0	20.5
5 31	14 7.51	−13 44.5	1.745	2.638	12.8	20.8

376793 2000 SC_{99} 4 30.6 240°.08 0°.9/ 1.3 18

3 22	14 58.78	−19 39.8	2.208	2.984	14.0	21.6
4 1	14 54.77	−19 27.8	2.100	2.970	11.3	21.4
4 11	14 48.53	−19 4.2	2.013	2.956	8.0	21.1
4 21	14 40.53	−18 29.7	1.952	2.941	4.3	20.9
5 1	14 31.53	−17 46.5	1.919	2.926	0.9	20.6
5 11	14 22.46	−16 58.5	1.914	2.910	4.1	20.8
5 21	14 14.25	−16 10.7	1.937	2.894	8.0	21.0
5 31	14 7.67	−15 28.0	1.986	2.877	11.6	21.2

70269 1999 RR_{97} 4 30.6 188°.55 0°.2/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.97	−16 48.9	1.798	2.592	16.0	20.0
4 1	14 56.04	−16 29.4	1.709	2.592	12.8	19.8
4 11	14 49.55	−15 58.2	1.641	2.591	8.9	19.5
4 21	14 41.06	−15 17.1	1.598	2.590	4.4	19.3
5 1	14 31.51	−14 29.8	1.581	2.589	0.3	18.9
5 11	14 22.05	−13 41.5	1.592	2.587	4.9	19.3
5 21	14 13.73	−12 57.9	1.630	2.585	9.4	19.5
5 31	14 7.40	−12 24.1	1.691	2.582	13.3	19.8

247888 2003 UJ_{207} 4 30.6 246°.67 1°.0/ 1.3 17

3 22	15 0.43	−19 47.9	1.895	2.677	15.8	21.3
4 1	14 56.55	−19 34.4	1.787	2.661	12.8	21.0
4 11	14 50.05	−19 7.3	1.699	2.643	9.1	20.8
4 21	14 41.41	−18 26.9	1.636	2.625	4.9	20.5
5 1	14 31.50	−17 35.8	1.599	2.606	1.0	20.2
5 11	14 21.47	−16 38.7	1.591	2.587	4.7	20.4
5 21	14 12.42	−15 42.0	1.609	2.567	9.2	20.6
5 31	14 5.32	−14 52.0	1.652	2.547	13.4	20.8

93300 2000 SD_{206} 4 30.6 106°.81 2°.5/ 2.2 17

3 22	15 4.25	−21 25.2	2.091	2.853	15.1	19.8
4 1	14 58.99	−21 55.1	2.012	2.870	12.2	19.6
4 11	14 51.33	−22 14.4	1.954	2.887	8.8	19.5
4 21	14 41.87	−22 22.3	1.921	2.903	5.2	19.3
5 1	14 31.50	−22 19.2	1.917	2.919	2.5	19.1
5 11	14 21.29	−22 7.5	1.941	2.934	4.3	19.3
5 21	14 12.22	−21 51.0	1.992	2.949	7.8	19.5
5 31	14 5.05	−21 34.2	2.070	2.964	11.1	19.7

406732 2008 GS_{101} 4 30.6 299°.11 1°.1/29.2 18

3 22	14 52.87	− 8 57.4	4.344	5.124	7.5	21.0
4 1	14 48.81	− 9 0.7	4.243	5.120	5.9	20.9
4 11	14 43.73	− 9 2.7	4.168	5.116	4.0	20.7
4 21	14 37.90	− 9 4.3	4.122	5.112	2.1	20.6
5 1	14 31.68	− 9 6.8	4.105	5.109	1.2	20.5
5 11	14 25.48	− 9 11.5	4.120	5.105	2.8	20.6
5 21	14 19.67	− 9 19.3	4.164	5.101	4.8	20.7
5 31	14 14.58	− 9 31.3	4.236	5.098	6.6	20.9

256790 2008 CC_{47} 4 30.6 203°.70 0°.6/30.2 17

3 22	15 1.01	−14 57.6	1.965	2.756	15.0	21.8
4 1	14 56.66	−14 43.3	1.871	2.752	11.9	21.6
4 11	14 49.88	−14 19.9	1.798	2.748	8.2	21.3
4 21	14 41.22	−13 49.3	1.751	2.743	4.1	21.1
5 1	14 31.53	−13 14.5	1.731	2.738	0.7	20.8
5 11	14 21.86	−12 39.8	1.739	2.732	4.8	21.1
5 21	14 13.21	−12 9.9	1.774	2.726	9.0	21.3
5 31	14 6.40	−11 48.9	1.834	2.719	12.7	21.5

168798 2000 SK_{88} 4 30.6 232°.16 3°.0/28.4 16

3 22	14 58.91	−11 13.9	1.741	2.551	15.8	21.4
4 1	14 55.30	−10 20.5	1.648	2.542	12.5	21.2
4 11	14 49.11	− 9 16.9	1.576	2.532	8.7	20.9
4 21	14 40.89	− 8 7.4	1.529	2.522	4.6	20.6
5 1	14 31.55	− 6 58.4	1.509	2.511	3.2	20.5
5 11	14 22.22	− 5 56.8	1.517	2.500	6.8	20.7
5 21	14 13.97	− 5 8.7	1.549	2.488	11.1	20.9
5 31	14 7.70	− 4 38.4	1.605	2.476	14.9	21.1

374418 2005 WZ_{66} 4 30.6 332°.42 0°.9/30.1 17

3 22	14 56.94	−14 16.3	1.603	2.417	16.8	20.8
4 1	14 54.01	−14 5.8	1.516	2.411	13.4	20.6
4 11	14 48.36	−13 45.8	1.449	2.405	9.2	20.3
4 21	14 40.56	−13 18.2	1.406	2.400	4.6	20.0
5 1	14 31.57	−12 46.9	1.388	2.395	1.0	19.8
5 11	14 22.60	−12 17.0	1.396	2.391	5.5	20.1
5 21	14 14.80	−11 53.4	1.429	2.386	10.2	20.3
5 31	14 9.11	−11 40.6	1.484	2.383	14.4	20.6

497916 2006 VQ_{57} 4 30.6 221°.22 0°.4/30.3 17

3 22	14 59.90	−16 8.5	2.089	2.875	14.3	22.6
4 1	14 55.69	−15 45.2	1.987	2.866	11.4	22.4
4 11	14 49.18	−15 11.7	1.907	2.856	7.9	22.1
4 21	14 40.88	−14 29.5	1.853	2.845	4.0	21.9
5 1	14 31.56	−13 41.9	1.827	2.834	0.5	21.6
5 11	14 22.23	−12 53.8	1.829	2.822	4.6	21.9
5 21	14 13.83	−12 10.0	1.859	2.810	8.7	22.1
5 31	14 7.14	−11 35.1	1.914	2.797	12.3	22.3

130557 2000 RB_{31} 4 30.6 218°.79 2°.0/ 2.1 18

3 22	15 0.28	−22 51.0	1.801	2.578	16.7	19.3
4 1	14 56.50	−22 37.1	1.703	2.571	13.6	19.1
4 11	14 50.01	−22 6.5	1.625	2.564	9.8	18.8
4 21	14 41.37	−21 19.3	1.571	2.557	5.6	18.6
5 1	14 31.54	−20 18.0	1.543	2.549	2.1	18.3
5 11	14 21.72	−19 8.1	1.543	2.540	4.8	18.5
5 21	14 13.05	−17 56.7	1.570	2.531	9.1	18.7
5 31	14 6.47	−16 51.3	1.620	2.521	13.2	18.9

158620 2003 AU_{82} 4 30.6 44°.00 2°.4/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.74	−21 52.0	1.221	2.034	21.1	19.7
4 1	14 56.24	−21 54.0	1.153	2.042	17.1	19.5
4 11	14 50.28	−21 36.4	1.101	2.051	12.3	19.2
4 21	14 41.60	−20 59.5	1.071	2.059	6.9	18.9
5 1	14 31.53	−20 6.5	1.063	2.069	2.5	18.7
5 11	14 21.74	−19 4.7	1.080	2.078	5.8	18.9
5 21	14 13.69	−18 3.4	1.120	2.088	11.0	19.2
5 31	14 8.43	−17 11.1	1.181	2.098	15.7	19.5

499204 2009 UB_3 4 30.6 212°.28 5°.6/ 5.0 17

3 22	15 2.69	−32 9.2	2.321	3.035	15.0	22.2
4 1	14 58.06	−32 41.3	2.215	3.028	12.9	22.0
4 11	14 50.93	−32 57.8	2.128	3.021	10.3	21.8
4 21	14 41.81	−32 55.8	2.065	3.013	7.7	21.6
5 1	14 31.54	−32 34.2	2.028	3.004	5.8	21.5
5 11	14 21.19	−31 54.5	2.019	2.995	6.0	21.5
5 21	14 11.82	−31 1.3	2.037	2.985	8.2	21.6
5 31	14 4.30	−30 1.1	2.080	2.974	11.0	21.7

55108 Beamueller 4 30.6 141°.30 2°.7/ 2.8 18

3 22	14 59.61	−23 50.0	2.499	3.251	13.2	19.0
4 1	14 55.08	−24 10.3	2.407	3.257	10.8	18.8
4 11	14 48.54	−24 19.9	2.336	3.262	8.0	18.7
4 21	14 40.48	−24 18.1	2.291	3.268	5.0	18.5
5 1	14 31.61	−24 5.5	2.274	3.273	2.8	18.4
5 11	14 22.79	−23 44.3	2.286	3.278	4.0	18.4
5 21	14 14.83	−23 18.1	2.326	3.283	6.8	18.6
5 31	14 8.40	−22 50.9	2.392	3.288	9.7	18.8

508508 2016 QJ_{30} 4 30.6 270°.94 5°.2/25.8 17

3 22	14 54.77	− 1 19.7	2.296	3.106	12.5	21.6
4 1	14 51.25	− 0 25.5	2.212	3.102	10.0	21.4
4 11	14 45.87	+ 0 28.9	2.152	3.097	7.4	21.3
4 21	14 39.13	+ 1 18.8	2.117	3.092	5.5	21.1
5 1	14 31.67	+ 1 59.2	2.110	3.087	5.5	21.1
5 11	14 24.29	+ 2 25.9	2.130	3.083	7.5	21.2
5 21	14 17.70	+ 2 36.4	2.175	3.078	10.2	21.4
5 31	14 12.51	+ 2 29.9	2.243	3.073	12.7	21.5

227369 2005 US_{180} 4 30.6 254°.48 1°.7/29.4 17

3 22	14 58.76	−12 27.0	1.988	2.788	14.5	21.2
4 1	14 54.95	−12 1.4	1.885	2.773	11.5	21.0
4 11	14 48.78	−11 27.6	1.804	2.757	8.0	20.7
4 21	14 40.73	−10 48.2	1.747	2.741	4.0	20.5
5 1	14 31.60	−10 7.1	1.719	2.724	1.8	20.3
5 11	14 22.38	− 9 29.2	1.718	2.707	5.4	20.5
5 21	14 14.07	− 8 59.1	1.743	2.689	9.5	20.7
5 31	14 7.50	− 8 40.5	1.793	2.672	13.3	20.9

139980 2001 SS_{23} 4 30.6 201°.10 0°.2/30.8 18

3 22	14 56.78	−17 20.1	2.534	3.312	12.3	20.8
4 1	14 52.76	−17 7.8	2.436	3.309	9.8	20.6
4 11	14 46.89	−16 47.0	2.361	3.306	6.8	20.4
4 21	14 39.64	−16 18.9	2.312	3.303	3.5	20.2
5 1	14 31.65	−15 45.8	2.292	3.300	0.3	19.9
5 11	14 23.70	−15 10.9	2.301	3.296	3.6	20.1
5 21	14 16.51	−14 38.0	2.338	3.292	7.0	20.4
5 31	14 10.70	−14 10.4	2.401	3.288	10.0	20.5

252389 2001 TT 4 30.6 74°.11 3°.5/29.3 18

3 22	15 15.00	− 3 4.3	1.784	2.566	16.6	19.1
4 1	15 7.31	− 3 35.7	1.722	2.596	13.1	18.9
4 11	14 56.90	− 4 10.3	1.682	2.626	9.2	18.7
4 21	14 44.57	− 4 49.9	1.669	2.655	5.2	18.6
5 1	14 31.45	− 5 35.4	1.685	2.684	3.5	18.5
5 11	14 18.82	− 6 27.4	1.732	2.713	6.4	18.7
5 21	14 7.76	− 7 25.2	1.808	2.742	10.1	19.0
5 31	13 59.05	− 8 28.4	1.909	2.770	13.4	19.3

1536 Pielinen 4 30.6 225°.14 0°.4/30.3 18 R

3 22	15 1.64	−16 31.7	1.783	2.575	16.2	16.9
4 1	14 57.55	−16 7.1	1.683	2.565	13.0	16.6
4 11	14 50.75	−15 30.0	1.604	2.554	9.0	16.4
4 21	14 41.78	−14 42.2	1.550	2.542	4.5	16.1
5 1	14 31.56	−13 47.6	1.522	2.530	0.5	15.7
5 11	14 21.29	−12 51.7	1.523	2.517	5.3	16.1
5 21	14 12.12	−12 1.1	1.550	2.503	9.9	16.3
5 31	14 5.00	−11 21.2	1.600	2.488	14.1	16.5

278743 2008 SW_{95} 4 30.6 326°.39 0°.1/30.6 17

3 22	14 55.16	−18 27.7	1.874	2.672	15.4	20.7
4 1	14 52.15	−17 50.0	1.785	2.669	12.2	20.5
4 11	14 46.81	−16 58.3	1.717	2.667	8.5	20.3
4 21	14 39.70	−15 55.0	1.673	2.666	4.3	20.0
5 1	14 31.66	−14 44.5	1.656	2.664	0.2	19.7
5 11	14 23.71	−13 33.1	1.667	2.662	4.7	20.0
5 21	14 16.81	−12 27.3	1.704	2.661	8.9	20.3
5 31	14 11.71	−11 32.7	1.765	2.659	12.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
470182 2006 UC_{350}			4 30.6 186°.38		0°.1/30.7 17	
	h m	° ′			°	m
3 22	14 56.66	−16 46.8	2.861	3.634	11.2	23.0
4 1	14 52.41	−16 35.2	2.763	3.634	8.9	22.8
4 11	14 46.51	−16 16.3	2.688	3.633	6.2	22.6
4 21	14 39.41	−15 51.4	2.641	3.632	3.1	22.4
5 1	14 31.67	−15 22.4	2.622	3.630	0.2	22.1
5 11	14 23.98	−14 52.1	2.634	3.628	3.3	22.4
5 21	14 16.96	−14 23.6	2.674	3.625	6.4	22.6
5 31	14 11.16	−13 59.9	2.741	3.623	9.1	22.8
471081 2009 WL_{198}			4 30.6 249°.95		3°.6/27.7 18	
3 22	14 57.56	− 7 55.2	2.014	2.822	14.0	21.2
4 1	14 53.87	− 7 6.7	1.916	2.808	11.1	20.9
4 11	14 47.95	− 6 12.1	1.841	2.794	7.8	20.7
4 21	14 40.28	− 5 15.8	1.791	2.780	4.6	20.5
5 1	14 31.63	− 4 23.1	1.769	2.766	3.9	20.4
5 11	14 22.96	− 3 39.5	1.775	2.751	6.7	20.5
5 21	14 15.18	− 3 9.4	1.806	2.735	10.4	20.7
5 31	14 9.06	− 2 55.5	1.861	2.720	13.7	20.9
376067 2010 HY_{30}			4 30.6	5°.52	4°.2/ 7.3 18	
3 22	14 51.03	−37 8.9	4.112	4.781	9.6	20.0
4 1	14 47.74	−37 15.1	4.007	4.781	8.3	19.9
4 11	14 43.17	−37 9.4	3.923	4.782	6.8	19.8
4 21	14 37.69	−36 51.3	3.863	4.782	5.4	19.7
5 1	14 31.75	−36 21.0	3.830	4.783	4.4	19.6
5 11	14 25.86	−35 39.8	3.825	4.784	4.2	19.6
5 21	14 20.50	−34 50.4	3.848	4.785	5.1	19.7
5 31	14 16.09	−33 55.7	3.898	4.786	6.5	19.7
161050 2002 JE_{15}			4 30.6 326°.57		4°.4/28.3 18	
3 22	15 0.03	− 3 58.5	1.675	2.492	16.0	19.1
4 1	14 56.28	− 3 50.0	1.587	2.482	12.8	18.8
4 11	14 49.87	− 3 42.0	1.520	2.473	9.2	18.6
4 21	14 41.33	− 3 38.6	1.477	2.464	5.6	18.4
5 1	14 31.61	− 3 43.9	1.460	2.456	4.6	18.3
5 11	14 21.87	− 4 1.3	1.469	2.447	7.5	18.4
5 21	14 13.25	− 4 32.6	1.503	2.440	11.5	18.6
5 31	14 6.66	− 5 18.1	1.559	2.433	15.2	18.8
91865 1999 UD_{25}			4 30.6 305°.20		4°.1/ 3.3 18	
3 22	15 0.97	−25 28.1	2.303	3.051	14.3	18.7
4 1	14 56.65	−26 19.6	2.198	3.041	11.9	18.5
4 11	14 49.96	−27 1.2	2.114	3.032	9.1	18.3
4 21	14 41.37	−27 30.5	2.054	3.023	6.2	18.1
5 1	14 31.62	−27 46.2	2.022	3.013	4.2	18.0
5 11	14 21.70	−27 49.2	2.018	3.004	5.1	18.0
5 21	14 12.61	−27 42.1	2.042	2.995	7.8	18.2
5 31	14 5.21	−27 29.3	2.090	2.987	10.9	18.4
387526 2000 AO_{162}			4 30.6	40°.38	17°.3/12.5 18	
3 22	15 5.21	−47 4.8	1.195	1.894	27.3	20.2
4 1	15 3.74	−49 10.4	1.128	1.898	25.1	20.0
4 11	14 57.08	−50 44.0	1.072	1.902	22.7	19.8
4 21	14 45.71	−51 33.1	1.030	1.907	20.2	19.7
5 1	14 31.41	−51 26.9	1.004	1.911	18.2	19.6
5 11	14 17.10	−50 23.0	0.995	1.916	17.3	19.5
5 21	14 5.55	−48 30.2	1.005	1.921	17.8	19.6
5 31	13 58.62	−46 5.5	1.032	1.927	19.5	19.7
38243 1999 PB_{4}			4 30.6 244°.98		1°.1/29.5 18	
3 22	14 55.48	−12 49.4	2.809	3.595	11.1	20.2
4 1	14 51.58	−12 25.4	2.700	3.580	8.7	20.0
4 11	14 46.03	−11 55.4	2.615	3.565	6.0	19.8
4 21	14 39.22	−11 21.3	2.558	3.550	3.0	19.6
5 1	14 31.72	−10 45.8	2.529	3.534	1.2	19.4
5 11	14 24.19	−10 12.2	2.530	3.518	4.0	19.6
5 21	14 17.27	− 9 43.5	2.559	3.502	7.0	19.8
5 31	14 11.54	− 9 22.6	2.614	3.485	9.8	19.9
113499 2002 TA_{6}			4 30.6 247°.38		0°.8/29.9 17	
3 22	14 57.02	−14 8.8	2.213	3.006	13.4	20.1
4 1	14 53.26	−13 52.1	2.115	2.999	10.6	19.9
4 11	14 47.42	−13 27.6	2.041	2.992	7.3	19.7
4 21	14 39.98	−12 57.5	1.992	2.985	3.6	19.4
5 1	14 31.68	−12 24.5	1.970	2.977	0.9	19.2
5 11	14 23.40	−11 52.6	1.977	2.970	4.5	19.4
5 21	14 15.95	−11 25.8	2.012	2.962	8.2	19.6
5 31	14 10.04	−11 7.3	2.070	2.954	11.5	19.8
302277 2001 XS_{198}			4 30.6	88°.00	4°.4/26.7 17	
3 22	14 55.34	− 3 2.1	2.334	3.142	12.4	20.7
4 1	14 51.62	− 2 18.2	2.255	3.145	9.8	20.5
4 11	14 46.08	− 1 33.6	2.200	3.148	7.1	20.3
4 21	14 39.23	− 0 52.6	2.171	3.152	4.9	20.2
5 1	14 31.73	− 0 19.6	2.170	3.155	4.7	20.2
5 11	14 24.34	+ 0 1.9	2.196	3.158	6.7	20.3
5 21	14 17.77	+ 0 9.6	2.249	3.161	9.4	20.5
5 31	14 12.59	+ 0 2.4	2.324	3.165	12.0	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
117543 2005 EM_{1}			4 30.6 336°.76		1°.8/29.6 18	
	h m	° ′			°	m
3 22	14 54.90	−12 55.7	1.258	2.095	19.2	19.5
4 1	14 53.18	−12 40.5	1.176	2.084	15.3	19.2
4 11	14 48.27	−12 14.6	1.112	2.074	10.6	18.9
4 21	14 40.73	−11 41.0	1.069	2.065	5.3	18.6
5 1	14 31.66	−11 5.0	1.050	2.056	2.0	18.3
5 11	14 22.57	−10 33.4	1.055	2.049	6.9	18.6
5 21	14 14.87	−10 12.5	1.081	2.042	12.3	18.9
5 31	14 9.70	−10 6.9	1.128	2.037	17.1	19.1
387468 2013 XL_{13}			4 30.6 188°.19		0°.9/29.9 17	
3 22	14 58.89	−13 47.9	2.346	3.132	13.0	22.3
4 1	14 54.53	−13 29.5	2.252	3.132	10.2	22.1
4 11	14 48.18	−13 4.0	2.181	3.131	7.0	21.9
4 21	14 40.33	−12 33.3	2.136	3.129	3.5	21.7
5 1	14 31.69	−12 0.4	2.120	3.127	1.0	21.5
5 11	14 23.11	−11 28.9	2.134	3.125	4.3	21.7
5 21	14 15.37	−11 2.3	2.174	3.122	7.9	21.9
5 31	14 9.13	−10 44.0	2.241	3.118	11.0	22.1
466878 2015 CU_{40}			4 30.6 163°.34		6°.1/24.8 17	
3 22	14 58.04	+ 1 34.1	2.326	3.128	12.6	21.5
4 1	14 53.69	+ 2 44.6	2.253	3.134	10.2	21.3
4 11	14 47.48	+ 3 53.5	2.203	3.139	7.8	21.2
4 21	14 39.92	+ 4 55.3	2.180	3.143	6.3	21.1
5 1	14 31.71	+ 5 44.5	2.185	3.147	6.5	21.1
5 11	14 23.65	+ 6 16.9	2.217	3.150	8.4	21.2
5 21	14 16.46	+ 6 30.5	2.274	3.153	10.7	21.4
5 31	14 10.72	+ 6 25.1	2.354	3.155	13.1	21.5
460894 2014 WW_{169}			4 30.6 294°.69		6°.3/26.9 17	
3 22	14 58.47	− 3 49.2	1.388	2.221	17.9	20.6
4 1	14 55.66	− 2 57.9	1.303	2.207	14.4	20.3
4 11	14 49.80	− 2 3.0	1.237	2.192	10.5	20.0
4 21	14 41.45	− 1 11.3	1.193	2.178	7.1	19.8
5 1	14 31.64	− 0 31.1	1.174	2.164	6.7	19.7
5 11	14 21.77	− 0 9.6	1.179	2.150	10.0	19.9
5 21	14 13.18	− 0 11.0	1.206	2.136	14.3	20.1
5 31	14 6.94	− 0 36.6	1.253	2.123	18.4	20.3
173281 1999 TY_{86}			4 30.6 313°.59		5°.9/ 5.1 18	
3 22	14 58.19	−31 38.9	2.204	2.933	15.3	19.5
4 1	14 54.68	−32 21.7	2.101	2.924	13.1	19.3
4 11	14 48.71	−32 49.3	2.018	2.916	10.5	19.1
4 21	14 40.77	−32 59.0	1.958	2.908	7.9	18.9
5 1	14 31.67	−32 49.3	1.924	2.900	6.1	18.8
5 11	14 22.48	−32 21.7	1.916	2.892	6.3	18.8
5 21	14 14.22	−31 40.2	1.934	2.884	8.4	18.9
5 31	14 7.80	−30 50.9	1.976	2.877	11.2	19.1
72699 2001 FN_{76}			4 30.6 164°.87		1°.4/29.6 18	
3 22	14 57.36	−12 45.4	2.033	2.834	14.2	19.4
4 1	14 53.63	−12 24.2	1.946	2.834	11.2	19.2
4 11	14 47.71	−11 55.8	1.881	2.835	7.7	19.0
4 21	14 40.14	−11 22.6	1.842	2.835	3.8	18.7
5 1	14 31.71	−10 48.2	1.830	2.835	1.5	18.6
5 11	14 23.36	−10 16.9	1.845	2.836	5.0	18.8
5 21	14 15.97	− 9 52.7	1.887	2.836	8.8	19.0
5 31	14 10.25	− 9 38.7	1.954	2.836	12.2	19.2
119406 2001 TY_{64}			4 30.6 127°.54		0°.7/30.1 17	
3 22	15 0.69	−14 1.0	1.887	2.683	15.3	20.3
4 1	14 56.41	−13 54.2	1.805	2.689	12.1	20.1
4 11	14 49.70	−13 39.6	1.744	2.695	8.3	19.8
4 21	14 41.16	−13 19.0	1.708	2.701	4.1	19.6
5 1	14 31.68	−12 55.5	1.700	2.707	0.8	19.3
5 11	14 22.33	−12 32.9	1.719	2.712	4.9	19.7
5 21	14 14.08	−12 15.4	1.765	2.718	9.0	19.9
5 31	14 7.73	−12 6.1	1.835	2.723	12.6	20.1
501473 2014 BJ_{39}			4 30.6 107°.90		3°.5/ 3.7 17	
3 22	14 58.66	−26 59.2	2.398	3.141	13.9	21.4
4 1	14 54.46	−27 14.9	2.310	3.151	11.5	21.2
4 11	14 48.18	−27 17.2	2.244	3.161	8.7	21.0
4 21	14 40.35	−27 5.3	2.202	3.171	5.8	20.9
5 1	14 31.72	−26 39.9	2.187	3.181	3.7	20.8
5 11	14 23.20	−26 3.8	2.201	3.190	4.4	20.8
5 21	14 15.61	−25 21.2	2.242	3.199	7.0	21.0
5 31	14 9.63	−24 37.1	2.308	3.208	9.9	21.2
303331 2004 TH_{122}			4 30.6 200°.00		0°.6/30.9 16	
3 22	15 3.91	−17 1.2	1.739	2.528	16.7	21.6
4 1	14 59.41	−17 9.1	1.647	2.525	13.4	21.4
4 11	14 52.08	−17 7.1	1.575	2.522	9.4	21.1
4 21	14 42.50	−16 55.5	1.528	2.519	4.9	20.8
5 1	14 31.64	−16 36.2	1.507	2.515	0.6	20.5
5 11	14 20.76	−16 13.1	1.514	2.510	5.0	20.8
5 21	14 11.09	−15 50.7	1.548	2.505	9.6	21.1
5 31	14 3.58	−15 34.2	1.605	2.499	13.7	21.3

299263 2005 NF_{58} 4 30.6 238°.57 2°.9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.34	−26 15.3	2.527	3.275	13.1	20.9
4 1	14 52.63	−26 12.1	2.421	3.267	10.9	20.7
4 11	14 46.95	−25 55.4	2.336	3.259	8.1	20.5
4 21	14 39.76	−25 24.9	2.276	3.250	5.2	20.3
5 1	14 31.75	−24 41.7	2.244	3.242	3.0	20.1
5 11	14 23.75	−23 49.1	2.240	3.233	4.0	20.2
5 21	14 16.54	−22 51.4	2.265	3.224	6.8	20.3
5 31	14 10.80	−21 54.0	2.315	3.215	9.8	20.5

48424 Souchay 4 30.6 162°.15 0°.3/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.76	−16 21.6	2.239	3.027	13.5	18.6
4 1	14 52.96	−15 59.7	2.149	3.029	10.7	18.4
4 11	14 47.16	−15 28.5	2.082	3.031	7.4	18.2
4 21	14 39.84	−14 49.9	2.040	3.032	3.7	18.0
5 1	14 31.75	−14 6.9	2.026	3.034	0.3	17.7
5 11	14 23.76	−13 23.8	2.041	3.035	4.1	18.0
5 21	14 16.64	−12 44.8	2.083	3.036	7.8	18.3
5 31	14 11.07	−12 13.7	2.151	3.037	11.0	18.5

512625 2016 TD_{42} 4 30.6 251°.94 0°.1/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.60	−16 28.9	2.684	3.463	11.7	22.7
4 1	14 51.82	−16 10.9	2.574	3.449	9.3	22.5
4 11	14 46.28	−15 44.8	2.487	3.434	6.5	22.3
4 21	14 39.40	−15 11.9	2.427	3.419	3.3	22.0
5 1	14 31.77	−14 34.6	2.396	3.403	0.2	21.7
5 11	14 24.11	−13 56.3	2.394	3.387	3.6	22.0
5 21	14 17.10	−13 20.4	2.420	3.371	6.9	22.2
5 31	14 11.35	−12 50.5	2.472	3.355	9.9	22.3

506890 2008 AK_{128} 4 30.6 144°.45 3°.5/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.07	−28 4.4	2.617	3.351	13.1	22.1
4 1	14 53.86	−28 15.5	2.524	3.358	10.9	21.9
4 11	14 47.70	−28 13.3	2.451	3.364	8.3	21.8
4 21	14 40.10	−27 57.3	2.404	3.369	5.6	21.6
5 1	14 31.75	−27 27.9	2.384	3.375	3.7	21.5
5 11	14 23.47	−26 47.9	2.392	3.380	4.3	21.5
5 21	14 16.04	−26 1.2	2.428	3.385	6.6	21.7
5 31	14 10.09	−25 12.5	2.491	3.389	9.3	21.9

39079 2000 VF_{29} 4 30.6 244°.45 3°.2/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.87	− 9 50.4	1.761	2.570	15.7	19.3
4 1	14 56.13	− 9 8.2	1.664	2.557	12.5	19.1
4 11	14 49.77	− 8 18.0	1.589	2.544	8.7	18.8
4 21	14 41.33	− 7 23.7	1.538	2.529	4.8	18.6
5 1	14 31.69	− 6 31.0	1.514	2.515	3.4	18.4
5 11	14 22.00	− 5 46.1	1.517	2.499	6.9	18.6
5 21	14 13.34	− 5 14.2	1.545	2.484	11.1	18.8
5 31	14 6.64	− 4 59.0	1.596	2.468	15.0	19.0

499190 2009 SP_{338} 4 30.6 182°.04 4°.5/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.59	− 4 5.2	2.355	3.157	12.4	22.5
4 1	14 53.38	− 2 57.1	2.272	3.158	9.9	22.3
4 11	14 47.32	− 1 46.2	2.212	3.159	7.1	22.1
4 21	14 39.88	− 0 37.3	2.179	3.159	4.9	22.0
5 1	14 31.76	+ 0 24.1	2.175	3.158	4.9	22.0
5 11	14 23.74	+ 1 13.1	2.199	3.156	7.0	22.1
5 21	14 16.55	+ 1 46.4	2.250	3.154	9.8	22.3
5 31	14 10.78	+ 2 2.6	2.324	3.151	12.4	22.5

209402 2004 ER_{85} 4 30.6 307°.24 5°.9/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.72	− 1 17.7	2.100	2.918	13.2	19.7
4 1	14 50.64	− 0 2.8	2.019	2.913	10.6	19.5
4 11	14 45.59	+ 1 13.5	1.962	2.907	8.0	19.3
4 21	14 39.07	+ 2 25.0	1.929	2.902	6.1	19.2
5 1	14 31.79	+ 3 25.6	1.924	2.897	6.3	19.2
5 11	14 24.59	+ 4 9.7	1.945	2.893	8.5	19.3
5 21	14 18.25	+ 4 34.4	1.991	2.888	11.2	19.5
5 31	14 13.39	+ 4 38.5	2.059	2.883	13.9	19.7

395968 2013 BU_{5} 4 30.6 304°.32 3°.2/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.72	− 7 49.9	2.337	3.145	12.4	21.4
4 1	14 50.43	− 6 59.8	2.251	3.143	9.7	21.2
4 11	14 45.34	− 6 5.1	2.187	3.141	6.7	21.0
4 21	14 38.91	− 5 9.6	2.150	3.139	4.0	20.8
5 1	14 31.80	− 4 18.1	2.141	3.137	3.4	20.8
5 11	14 24.77	− 3 34.9	2.160	3.134	5.8	20.9
5 21	14 18.51	− 3 3.5	2.205	3.132	8.9	21.1
5 31	14 13.62	− 2 46.2	2.275	3.131	11.7	21.3

257107 2008 GJ_{64} 4 30.6 38°.97 1°.8/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.02	−10 43.5	1.421	2.242	18.2	20.3
4 1	14 57.34	−10 47.7	1.354	2.252	14.4	20.0
4 11	14 50.67	−10 46.6	1.306	2.264	9.9	19.8
4 21	14 41.74	−10 42.5	1.282	2.275	5.0	19.5
5 1	14 31.69	−10 38.8	1.282	2.288	2.0	19.4
5 11	14 21.89	−10 39.6	1.308	2.301	6.2	19.7
5 21	14 13.56	−10 48.0	1.358	2.314	10.8	20.0
5 31	14 7.63	−11 6.4	1.431	2.327	14.9	20.2

231771 1999 VW_{154} 4 30.6 146°.97 3°.8/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 2.72	−26 10.2	2.309	3.051	14.4	21.0
4 1	14 57.81	−26 42.0	2.218	3.058	11.9	20.8
4 11	14 50.60	−27 1.5	2.148	3.065	9.0	20.6
4 21	14 41.62	−27 7.1	2.103	3.072	6.0	20.4
5 1	14 31.69	−26 58.6	2.085	3.078	3.9	20.3
5 11	14 21.81	−26 37.9	2.096	3.084	4.7	20.4
5 21	14 12.91	−26 9.1	2.134	3.089	7.5	20.5
5 31	14 5.76	−25 37.0	2.199	3.094	10.5	20.7

250373 2003 TU_{15} 4 30.6 276°.67 3°.3/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.35	− 9 18.9	1.580	2.398	16.8	20.6
4 1	14 56.09	− 8 47.7	1.483	2.381	13.4	20.3
4 11	14 49.98	− 8 9.3	1.407	2.364	9.4	20.0
4 21	14 41.54	− 7 27.7	1.355	2.347	5.2	19.7
5 1	14 31.69	− 6 48.3	1.328	2.330	3.6	19.6
5 11	14 21.72	− 6 17.3	1.327	2.312	7.3	19.8
5 21	14 12.85	− 5 59.8	1.351	2.295	11.9	20.0
5 31	14 6.14	− 5 59.3	1.396	2.277	16.2	20.2

508053 2015 BT_{536} 4 30.6 244°.55 2°.0/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.80	−11 35.7	1.999	2.802	14.3	22.0
4 1	14 54.10	−11 5.6	1.904	2.794	11.3	21.7
4 11	14 48.14	−10 28.0	1.832	2.785	7.8	21.5
4 21	14 40.43	− 9 46.0	1.784	2.777	4.0	21.2
5 1	14 31.74	− 9 3.8	1.764	2.768	2.2	21.1
5 11	14 23.07	− 8 26.2	1.771	2.758	5.5	21.3
5 21	14 15.33	− 7 57.4	1.805	2.749	9.4	21.5
5 31	14 9.28	− 7 41.0	1.863	2.739	12.9	21.7

335826 2007 LD_{4} 4 30.6 249°.31 1°.2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.22	−14 50.6	1.999	2.799	14.4	21.4
4 1	14 52.86	−14 11.7	1.905	2.793	11.4	21.1
4 11	14 47.28	−13 22.0	1.832	2.786	7.9	20.9
4 21	14 39.98	−12 24.5	1.785	2.779	3.9	20.6
5 1	14 31.76	−11 23.7	1.765	2.772	1.3	20.4
5 11	14 23.59	−10 25.0	1.773	2.764	5.0	20.7
5 21	14 16.35	− 9 34.0	1.808	2.757	9.0	20.9
5 31	14 10.80	− 8 55.1	1.866	2.749	12.6	21.1

385380 2002 RN_{112} 4 30.6 253°.72 13°.1/ 3.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 16.17	−32 16.4	1.234	1.983	24.3	20.6
4 1	15 12.19	−35 1.0	1.147	1.975	21.4	20.3
4 11	15 3.14	−37 36.2	1.077	1.968	18.1	20.1
4 21	14 49.12	−39 48.7	1.026	1.960	15.0	19.9
5 1	14 31.36	−41 23.6	0.997	1.952	13.2	19.7
5 11	14 12.40	−42 12.3	0.991	1.944	13.9	19.7
5 21	13 55.21	−42 16.6	1.007	1.936	16.6	19.8
5 31	13 42.30	−41 49.1	1.042	1.928	20.0	20.0

467754 2009 TL_{14} 4 30.6 144°.78 2°.1/28.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.05	−14 59.2	2.393	3.175	12.9	22.0
4 1	14 54.41	−13 22.2	2.308	3.187	10.0	21.8
4 11	14 47.93	−11 33.4	2.248	3.198	6.8	21.6
4 21	14 40.14	− 9 37.6	2.217	3.209	3.5	21.4
5 1	14 31.77	− 7 41.2	2.217	3.218	2.3	21.3
5 11	14 23.62	− 5 51.5	2.248	3.228	5.2	21.5
5 21	14 16.39	− 4 14.5	2.308	3.236	8.5	21.8
5 31	14 10.65	− 2 54.5	2.395	3.244	11.4	22.0

355647 2008 EO_{57} 4 30.6 164°.55 4°.1/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.06	− 2 44.3	2.815	3.617	10.6	21.4
4 1	14 50.29	− 1 47.3	2.735	3.620	8.4	21.3
4 11	14 45.03	− 0 49.3	2.678	3.623	6.1	21.1
4 21	14 38.69	+ 0 5.8	2.650	3.626	4.4	21.0
5 1	14 31.83	+ 0 53.7	2.649	3.629	4.4	21.0
5 11	14 25.06	+ 1 31.0	2.678	3.631	6.1	21.1
5 21	14 18.95	+ 1 55.4	2.733	3.633	8.4	21.3
5 31	14 13.98	+ 2 5.6	2.812	3.634	10.6	21.4

191143 2002 GS_{102} 4 30.6 194°.35 1°.5/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.86	−19 51.1	2.065	2.842	14.8	20.1
4 1	14 55.74	−19 59.5	1.972	2.842	11.9	19.9
4 11	14 49.28	−19 57.2	1.900	2.841	8.5	19.6
4 21	14 41.01	−19 44.5	1.852	2.839	4.7	19.4
5 1	14 31.74	−19 22.7	1.832	2.838	1.5	19.2
5 11	14 22.49	−18 55.2	1.840	2.836	4.2	19.4
5 21	14 14.23	−18 26.2	1.875	2.835	8.0	19.6
5 31	14 7.74	−18 0.3	1.936	2.833	11.6	19.8

372521 2009 SS_{337} 4 30.6 172°.31 0°.1/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.35	−18 25.8	2.469	3.242	12.8	22.1
4 1	14 53.97	−17 41.7	2.375	3.246	10.1	21.9
4 11	14 47.72	−16 46.2	2.305	3.250	7.0	21.7
4 21	14 40.09	−15 41.5	2.261	3.252	3.5	21.5
5 1	14 31.78	−14 31.4	2.247	3.254	0.2	21.2
5 11	14 23.59	−13 20.6	2.262	3.255	3.9	21.5
5 21	14 16.25	−12 14.3	2.306	3.256	7.3	21.7
5 31	14 10.37	−11 16.8	2.377	3.256	10.4	21.9

380175 2000 SY_{29} 4 30.6 230°.91 2°.1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.74	−11 51.3	2.274	3.069	13.1	21.9
4 1	14 53.77	−11 5.8	2.172	3.057	10.3	21.7
4 11	14 47.77	−10 12.1	2.092	3.044	7.1	21.4
4 21	14 40.21	− 9 13.5	2.039	3.031	3.7	21.2
5 1	14 31.78	− 8 14.2	2.014	3.017	2.3	21.1
5 11	14 23.33	− 7 19.3	2.018	3.002	5.3	21.2
5 21	14 15.69	− 6 33.5	2.050	2.987	8.8	21.4
5 31	14 9.54	− 6 0.4	2.106	2.972	12.1	21.6

195589 2002 JL_{125} 4 30.6 102°.91 0°.7/ 1.1 17

3 22	14 58.88	−18 2.3	1.950	2.738	15.2	20.6
4 1	14 55.01	−18 0.8	1.864	2.742	12.1	20.4
4 11	14 48.77	−17 48.9	1.799	2.746	8.5	20.2
4 21	14 40.74	−17 27.6	1.760	2.750	4.4	19.9
5 1	14 31.76	−16 59.0	1.747	2.754	0.7	19.6
5 11	14 22.88	−16 27.4	1.762	2.758	4.3	19.9
5 21	14 15.06	−15 57.0	1.803	2.762	8.4	20.2
5 31	14 9.06	−15 32.5	1.869	2.765	12.0	20.4

53239 1999 CE_{123} 4 30.6 26°.34 3°.1/ 2.1 18

3 22	15 4.07	−19 52.6	1.583	2.372	18.1	18.1
4 1	14 59.91	−20 47.7	1.501	2.375	14.7	17.9
4 11	14 52.65	−21 33.4	1.438	2.378	10.7	17.6
4 21	14 42.88	−22 7.4	1.398	2.382	6.4	17.4
5 1	14 31.68	−22 28.7	1.384	2.387	3.1	17.2
5 11	14 20.48	−22 38.6	1.396	2.391	5.5	17.4
5 21	14 10.63	−22 40.9	1.434	2.396	9.8	17.6
5 31	14 3.21	−22 40.7	1.495	2.401	13.8	17.9

461590 2004 RS_{251} 4 30.6 112°.48 10°.5/ 8.4 18

3 22	15 17.30	−42 2.8	1.990	2.637	19.0	22.8
4 1	15 10.57	−43 39.7	1.918	2.663	16.9	22.6
4 11	15 0.12	−44 55.2	1.864	2.688	14.6	22.5
4 21	14 46.65	−45 41.8	1.831	2.712	12.4	22.4
5 1	14 31.53	−45 54.3	1.821	2.735	10.9	22.4
5 11	14 16.55	−45 33.0	1.836	2.757	10.6	22.4
5 21	14 3.38	−44 43.4	1.876	2.778	11.5	22.5
5 31	13 53.25	−43 35.4	1.939	2.798	13.3	22.6

177845 2005 OZ_{9} 4 30.6 256°.92 5°.4/25.7 18

3 22	14 55.25	− 0 24.7	2.307	3.116	12.4	20.1
4 1	14 51.62	+ 0 28.6	2.225	3.113	10.0	19.9
4 11	14 46.16	+ 1 21.2	2.168	3.111	7.5	19.8
4 21	14 39.34	+ 2 8.6	2.136	3.108	5.6	19.7
5 1	14 31.83	+ 2 45.6	2.131	3.106	5.7	19.7
5 11	14 24.40	+ 3 8.3	2.154	3.103	7.6	19.8
5 21	14 17.77	+ 3 14.7	2.201	3.100	10.2	19.9
5 31	14 12.55	+ 3 4.0	2.272	3.098	12.7	20.1

438146 2005 SP_{80} 4 30.6 288°.82 3°.3/27.4 17

3 22	14 53.34	− 8 16.7	2.274	3.084	12.6	21.3
4 1	14 50.25	− 7 18.0	2.182	3.075	9.9	21.1
4 11	14 45.29	− 6 13.4	2.112	3.067	6.9	20.9
4 21	14 38.94	− 5 7.1	2.069	3.058	4.1	20.7
5 1	14 31.84	− 4 4.2	2.054	3.050	3.6	20.6
5 11	14 24.79	− 3 10.0	2.067	3.041	6.1	20.8
5 21	14 18.50	− 2 28.5	2.107	3.033	9.3	20.9
5 31	14 13.61	− 2 2.4	2.170	3.025	12.2	21.1

40701 1999 RG_{235} 4 30.6 155°.38 2°.3/28.7 18 R

3 22	14 58.82	− 9 30.6	2.323	3.118	12.8	19.7
4 1	14 54.39	− 9 1.1	2.239	3.124	10.1	19.5
4 11	14 48.04	− 8 26.9	2.179	3.130	6.9	19.3
4 21	14 40.27	− 7 51.1	2.145	3.136	3.7	19.1
5 1	14 31.79	− 7 17.3	2.139	3.141	2.5	19.0
5 11	14 23.44	− 6 49.3	2.163	3.145	5.1	19.2
5 21	14 15.96	− 6 30.2	2.214	3.149	8.4	19.4
5 31	14 9.97	− 6 22.1	2.289	3.153	11.3	19.6

497043 2003 SA_{216} 4 30.6 199°.85 0°.9/ 1.5 18

3 22	14 59.92	−19 3.2	2.878	3.637	11.5	22.5
4 1	14 55.05	−19 2.6	2.772	3.632	9.2	22.3
4 11	14 48.43	−18 54.1	2.689	3.627	6.5	22.1
4 21	14 40.47	−18 37.9	2.633	3.620	3.5	21.9
5 1	14 31.79	−18 15.6	2.607	3.614	0.9	21.7
5 11	14 23.10	−17 49.7	2.611	3.606	3.3	21.9
5 21	14 15.09	−17 22.9	2.645	3.598	6.3	22.1
5 31	14 8.35	−16 58.8	2.705	3.589	9.1	22.2

500171 2012 FW_{25} 4 30.6 19°.53 3°.5/28.2 17

3 22	14 54.81	−11 13.8	1.405	2.237	17.8	21.5
4 1	14 52.50	−10 12.8	1.333	2.240	14.0	21.3
4 11	14 47.39	− 9 0.8	1.282	2.243	9.6	21.0
4 21	14 40.13	− 7 43.6	1.254	2.247	5.2	20.8
5 1	14 31.80	− 6 29.4	1.251	2.252	3.8	20.7
5 11	14 23.68	− 5 26.5	1.272	2.257	7.6	20.9
5 21	14 16.91	− 4 41.3	1.318	2.263	12.0	21.2
5 31	14 12.33	− 4 17.4	1.384	2.269	16.0	21.5

38583 1999 XX_{42} 4 30.6 271°.58 1°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 55.05	−20 46.8	2.544	3.314	12.5	19.5
4 1	14 51.57	−20 34.3	2.433	3.300	10.1	19.3
4 11	14 46.23	−20 11.0	2.345	3.285	7.2	19.1
4 21	14 39.44	−19 37.6	2.283	3.270	4.0	18.8
5 1	14 31.84	−18 56.0	2.248	3.254	1.2	18.6
5 11	14 24.20	−18 9.5	2.243	3.239	3.5	18.7
5 21	14 17.27	−17 22.5	2.265	3.223	6.9	18.9
5 31	14 11.69	−16 39.1	2.313	3.208	10.1	19.1

294162 2007 TV_{358} 4 30.6 181°.03 0°.4/30.3 17

3 22	14 57.57	−15 15.4	2.384	3.169	12.8	21.8
4 1	14 53.49	−15 0.1	2.291	3.170	10.1	21.7
4 11	14 47.48	−14 37.1	2.221	3.170	7.0	21.5
4 21	14 40.03	−14 8.0	2.178	3.170	3.5	21.2
5 1	14 31.82	−13 35.6	2.162	3.170	0.5	21.0
5 11	14 23.67	−13 3.2	2.176	3.169	4.0	21.3
5 21	14 16.34	−12 34.7	2.217	3.168	7.5	21.5
5 31	14 10.47	−12 13.2	2.284	3.167	10.6	21.7

136336 2004 CK_{12} 4 30.6 59°.50 2°.0/ 2.2 17

3 22	14 57.39	−21 48.9	2.034	2.811	15.0	20.3
4 1	14 53.75	−21 51.1	1.952	2.820	12.1	20.1
4 11	14 47.85	−21 40.7	1.891	2.830	8.7	19.9
4 21	14 40.25	−21 18.1	1.854	2.839	5.0	19.7
5 1	14 31.81	−20 45.3	1.844	2.849	2.0	19.5
5 11	14 23.51	−20 6.0	1.862	2.859	4.1	19.7
5 21	14 16.25	−19 25.1	1.907	2.868	7.8	19.9
5 31	14 10.74	−18 47.7	1.976	2.878	11.1	20.2

351601 2005 VX_{82} 4 30.6 112°.59 2°.7/28.9 18

3 22	15 1.23	−11 45.3	1.454	2.271	18.1	21.5
4 1	14 57.44	−11 4.1	1.384	2.281	14.2	21.3
4 11	14 50.72	−10 13.2	1.333	2.290	9.8	21.1
4 21	14 41.78	− 9 17.1	1.306	2.299	5.0	20.8
5 1	14 31.76	− 8 22.2	1.305	2.308	2.9	20.7
5 11	14 22.00	− 7 35.5	1.329	2.317	6.9	21.0
5 21	14 13.70	− 7 2.4	1.378	2.325	11.5	21.2
5 31	14 7.75	− 6 46.7	1.449	2.333	15.5	21.5

422898 2002 RX_{113} 4 30.6 254°.86 1°.5/29.5 17

3 22	14 58.98	−13 50.6	1.861	2.662	15.3	21.8
4 1	14 55.37	−13 16.5	1.758	2.646	12.2	21.6
4 11	14 49.25	−12 31.6	1.675	2.628	8.4	21.3
4 21	14 41.11	−11 38.7	1.617	2.610	4.3	21.0
5 1	14 31.78	−10 42.2	1.586	2.592	1.7	20.8
5 11	14 22.35	− 9 48.1	1.583	2.573	5.7	21.0
5 21	14 13.88	− 9 2.1	1.606	2.554	10.1	21.2
5 31	14 7.27	− 8 29.0	1.653	2.535	14.0	21.4

120669 1996 XT_{13} 4 30.6 338°.50 0°.6/30.2 18

3 22	14 58.10	−14 57.0	1.862	2.662	15.3	20.4
4 1	14 54.51	−14 44.8	1.775	2.662	12.2	20.2
4 11	14 48.50	−14 23.5	1.709	2.662	8.4	20.0
4 21	14 40.65	−13 55.1	1.668	2.661	4.2	19.7
5 1	14 31.80	−13 22.7	1.653	2.661	0.7	19.4
5 11	14 23.03	−12 50.9	1.666	2.660	4.9	19.7
5 21	14 15.31	−12 24.1	1.705	2.660	9.0	20.0
5 31	14 9.44	−12 6.3	1.768	2.660	12.8	20.2

173656 2001 HD_{13} 4 30.6 12°.39 0°.5/30.9 17

3 22	14 56.37	−17 24.3	1.295	2.118	19.5	19.7
4 1	14 54.19	−17 23.0	1.222	2.120	15.6	19.4
4 11	14 48.84	−17 7.6	1.167	2.123	10.9	19.2
4 21	14 40.98	−16 39.7	1.133	2.127	5.6	18.9
5 1	14 31.79	−16 3.1	1.124	2.131	0.5	18.5
5 11	14 22.75	−15 23.9	1.138	2.136	5.7	18.9
5 21	14 15.22	−14 49.0	1.176	2.142	10.9	19.2
5 31	14 10.21	−14 24.4	1.235	2.149	15.5	19.5

122424 2000 QU_{104} 4 30.6 192°.25 10°.4/ 7.6 18

3 22	15 16.30	−44 32.0	2.514	3.124	16.2	20.6
4 1	15 9.77	−46 21.8	2.412	3.122	14.7	20.5
4 11	14 59.77	−47 55.9	2.330	3.120	13.1	20.4
4 21	14 46.71	−49 7.1	2.269	3.117	11.6	20.3
5 1	14 31.56	−49 49.2	2.232	3.114	10.6	20.2
5 11	14 15.86	−49 59.6	2.221	3.110	10.5	20.2
5 21	14 1.24	−49 40.6	2.235	3.105	11.3	20.2
5 31	13 49.10	−48 59.0	2.272	3.100	12.7	20.3

433406 2013 TV_{33} 4 30.6 115°.37 0°.6/30.2 17

3 22	15 0.16	−14 18.1	2.106	2.896	14.1	21.8
4 1	14 55.68	−14 8.0	2.027	2.908	11.2	21.6
4 11	14 49.04	−13 50.4	1.970	2.920	7.7	21.4
4 21	14 40.82	−13 27.2	1.939	2.932	3.8	21.2
5 1	14 31.81	−13 1.3	1.936	2.943	0.7	21.0
5 11	14 22.98	−12 36.4	1.961	2.954	4.4	21.3
5 21	14 15.15	−12 16.0	2.014	2.965	8.1	21.5
5 31	14 9.03	−12 3.2	2.091	2.975	11.4	21.8

307506 2002 YF_{15} 4 30.6 60°.52 3°.1/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.89	−24 14.9	1.653	2.435	17.7	20.4
4 1	14 55.56	−24 21.2	1.574	2.443	14.5	20.1
4 11	14 49.43	−24 10.5	1.514	2.451	10.7	19.9
4 21	14 41.17	−23 42.4	1.477	2.459	6.5	19.7
5 1	14 31.80	−22 58.7	1.465	2.467	3.2	19.5
5 11	14 22.60	−22 4.5	1.480	2.476	5.0	19.6
5 21	14 14.73	−21 6.5	1.520	2.484	9.0	19.9
5 31	14 9.07	−20 12.2	1.583	2.493	12.9	20.1

282805 2006 QU_{136} 4 30.6 161°.95 3°.3/ 3.9 18

3 22	14 57.68	−27 56.4	2.584	3.320	13.2	20.8
4 1	14 53.58	−27 55.1	2.488	3.324	10.9	20.7
4 11	14 47.55	−27 39.8	2.413	3.328	8.3	20.5
4 21	14 40.06	−27 10.1	2.363	3.331	5.5	20.3
5 1	14 31.84	−26 27.0	2.340	3.334	3.4	20.2
5 11	14 23.71	−25 33.8	2.347	3.337	4.1	20.2
5 21	14 16.43	−24 34.9	2.381	3.339	6.6	20.4
5 31	14 10.63	−23 35.5	2.442	3.341	9.4	20.6

182892 2002 CD_{311} 4 30.6 53°.73 3°.4/27.6 17

3 22	14 54.56	− 7 0.0	2.243	3.052	12.8	20.4
4 1	14 51.11	− 6 16.5	2.166	3.059	10.0	20.3
4 11	14 45.81	− 5 29.6	2.113	3.066	7.0	20.1
4 21	14 39.17	− 4 43.2	2.086	3.074	4.2	19.9
5 1	14 31.88	− 4 1.8	2.086	3.081	3.6	19.9
5 11	14 24.73	− 3 29.5	2.115	3.089	6.0	20.0
5 21	14 18.43	− 3 9.3	2.169	3.097	8.9	20.2
5 31	14 13.56	− 3 2.7	2.247	3.105	11.8	20.4

374375 2005 UY_{367} 4 30.6 160°.66 0°.5/30.3 17

3 22	14 57.62	−16 10.4	1.830	2.629	15.6	21.9
4 1	14 54.16	−15 44.2	1.744	2.630	12.4	21.6
4 11	14 48.28	−15 6.6	1.679	2.631	8.5	21.4
4 21	14 40.54	−14 20.0	1.638	2.631	4.2	21.2
5 1	14 31.83	−13 28.4	1.624	2.632	0.6	20.9
5 11	14 23.22	−12 37.5	1.638	2.632	4.9	21.2
5 21	14 15.70	−11 52.5	1.678	2.633	9.2	21.4
5 31	14 10.05	−11 18.3	1.741	2.633	13.0	21.7

432920 2011 ST_{63} 4 30.6 238°.50 4°.5/25.4 16

3 22	14 54.56	− 2 16.1	2.736	3.538	10.9	21.9
4 1	14 50.86	− 1 9.6	2.639	3.524	8.7	21.7
4 11	14 45.55	− 0 1.0	2.567	3.510	6.4	21.6
4 21	14 39.05	+ 1 5.1	2.522	3.496	4.8	21.4
5 1	14 31.89	+ 2 4.1	2.505	3.481	4.9	21.4
5 11	14 24.73	+ 2 51.6	2.517	3.466	6.8	21.5
5 21	14 18.21	+ 3 24.6	2.556	3.450	9.2	21.6
5 31	14 12.84	+ 3 41.6	2.618	3.434	11.5	21.8

507547 2012 XD_{108} 4 30.6 177°.44 3°.1/ 4.0 17

3 22	14 57.34	−28 23.4	2.784	3.514	12.5	22.6
4 1	14 53.17	−28 16.0	2.683	3.515	10.3	22.4
4 11	14 47.19	−27 54.9	2.604	3.516	7.9	22.3
4 21	14 39.87	−27 19.8	2.550	3.517	5.2	22.1
5 1	14 31.86	−26 31.8	2.524	3.518	3.3	22.0
5 11	14 23.93	−25 34.2	2.528	3.517	3.9	22.0
5 21	14 16.78	−24 31.1	2.560	3.517	6.3	22.2
5 31	14 11.02	−23 27.7	2.619	3.516	8.9	22.3

200274 1999 XW_{207} 4 30.6 194°.44 5°.8/ 6.4 18

3 22	15 2.51	−36 12.4	2.871	3.547	13.2	21.3
4 1	14 57.49	−36 42.8	2.763	3.544	11.4	21.2
4 11	14 50.33	−36 58.2	2.676	3.540	9.4	21.0
4 21	14 41.53	−36 56.0	2.612	3.536	7.4	20.9
5 1	14 31.80	−36 35.2	2.575	3.531	6.0	20.8
5 11	14 22.05	−35 57.2	2.565	3.526	5.9	20.8
5 21	14 13.15	−35 5.4	2.584	3.520	7.3	20.8
5 31	14 5.81	−34 5.1	2.629	3.513	9.4	20.9

309857 2009 DT_{41} 4 30.6 83°.30 3°.9/ 3.0 18

3 22	15 2.50	−24 38.6	1.499	2.280	19.3	21.2
4 1	14 58.72	−25 1.1	1.425	2.292	15.8	21.0
4 11	14 51.79	−25 6.2	1.370	2.304	11.7	20.8
4 21	14 42.40	−24 52.3	1.337	2.316	7.3	20.6
5 1	14 31.77	−24 20.1	1.328	2.328	4.0	20.4
5 11	14 21.36	−23 34.6	1.345	2.340	5.6	20.5
5 21	14 12.50	−22 42.8	1.388	2.352	9.8	20.8
5 31	14 6.18	−21 52.9	1.453	2.363	13.8	21.1

338790 2003 UV_{317} 4 30.6 243°.06 2°.6/ 2.6 17

3 22	14 58.96	−23 12.0	2.088	2.855	15.0	22.0
4 1	14 55.14	−23 24.2	1.989	2.850	12.2	21.8
4 11	14 48.96	−23 23.7	1.911	2.844	9.0	21.6
4 21	14 40.92	−23 9.9	1.858	2.838	5.5	21.4
5 1	14 31.83	−22 43.7	1.831	2.833	2.7	21.2
5 11	14 22.72	−22 8.4	1.832	2.827	4.4	21.3
5 21	14 14.56	−21 28.5	1.860	2.820	8.0	21.5
5 31	14 8.19	−20 49.5	1.913	2.814	11.5	21.7

467113 2016 EN_{67} 4 30.6 53°.44 3°.9/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.17	−23 53.1	1.435	2.225	19.6	21.1
4 1	14 57.85	−24 22.4	1.361	2.234	16.1	20.9
4 11	14 51.30	−24 35.0	1.305	2.243	11.9	20.7
4 21	14 42.21	−24 29.0	1.271	2.252	7.4	20.4
5 1	14 31.78	−24 5.0	1.261	2.262	4.0	20.2
5 11	14 21.53	−23 27.4	1.276	2.272	5.8	20.4
5 21	14 12.84	−22 43.1	1.316	2.282	10.0	20.6
5 31	14 6.73	−22 0.1	1.378	2.292	14.2	20.9

432988 2012 PW_{16} 4 30.6 239°.48 0°.1/30.5 17

3 22	14 57.19	−16 46.4	2.112	2.902	14.1	22.0
4 1	14 53.56	−16 26.4	2.016	2.896	11.2	21.8
4 11	14 47.75	−15 56.2	1.941	2.889	7.8	21.6
4 21	14 40.27	−15 17.4	1.891	2.883	3.9	21.3
5 1	14 31.86	−14 33.2	1.868	2.876	0.2	21.0
5 11	14 23.48	−13 48.0	1.874	2.869	4.3	21.3
5 21	14 15.99	−13 6.5	1.907	2.862	8.3	21.6
5 31	14 10.14	−12 33.0	1.965	2.854	11.8	21.8

514098 2014 XE_{33} 4 30.6 208°.62 1°.0/28.9 18

3 22	14 49.00	− 9 49.6	4.865	5.649	6.7	21.2
4 1	14 45.77	− 9 35.8	4.767	5.646	5.2	21.1
4 11	14 41.69	− 9 20.0	4.694	5.644	3.6	21.0
4 21	14 37.00	− 9 3.4	4.650	5.641	1.9	20.8
5 1	14 31.99	− 8 47.4	4.636	5.638	1.1	20.8
5 11	14 27.01	− 8 33.5	4.652	5.636	2.6	20.9
5 21	14 22.37	− 8 23.1	4.697	5.633	4.3	21.0
5 31	14 18.33	− 8 17.1	4.769	5.630	5.9	21.1

83861 2001 UR_{67} 4 30.6 25°.62 1°.6/29.6 18

3 22	14 55.50	−12 28.9	1.758	2.572	15.5	18.8
4 1	14 52.45	−12 10.5	1.685	2.581	12.2	18.6
4 11	14 47.05	−11 44.7	1.634	2.590	8.3	18.4
4 21	14 39.90	−11 14.3	1.606	2.600	4.2	18.2
5 1	14 31.88	−10 43.5	1.605	2.611	1.7	18.0
5 11	14 24.06	−10 16.8	1.630	2.622	5.3	18.3
5 21	14 17.34	− 9 58.2	1.681	2.633	9.3	18.5
5 31	14 12.46	− 9 50.8	1.755	2.646	12.9	18.8

329998 2005 TM_{87} 4 30.6 289°.27 2°.0/29.2 17

3 22	14 56.49	−13 4.2	1.678	2.492	16.2	21.7
4 1	14 53.64	−12 27.5	1.582	2.478	12.8	21.4
4 11	14 48.17	−11 39.9	1.508	2.464	8.9	21.2
4 21	14 40.61	−10 44.8	1.457	2.451	4.5	20.9
5 1	14 31.85	− 9 47.4	1.432	2.437	2.2	20.7
5 11	14 23.05	− 8 54.3	1.434	2.424	6.2	20.9
5 21	14 15.30	− 8 11.5	1.460	2.410	10.7	21.1
5 31	14 9.53	− 7 43.8	1.509	2.397	14.8	21.3

366551 2002 QS_{146} 4 30.6 275°.88 3°.9/28.0 17

3 22	14 58.01	− 8 24.2	1.606	2.427	16.5	21.3
4 1	14 54.83	− 7 39.1	1.520	2.420	13.0	21.1
4 11	14 48.96	− 6 47.0	1.456	2.412	9.1	20.8
4 21	14 40.98	− 5 53.0	1.415	2.405	5.3	20.6
5 1	14 31.85	− 5 3.3	1.399	2.398	4.2	20.5
5 11	14 22.75	− 4 24.4	1.410	2.391	7.5	20.7
5 21	14 14.81	− 4 1.3	1.445	2.384	11.7	20.9
5 31	14 8.92	− 3 56.7	1.502	2.376	15.6	21.1

164225 2004 RV_{194} 4 30.6 326°.01 6°.1/ 3.9 16

3 22	15 2.46	−27 32.9	1.447	2.221	20.1	19.7
4 1	14 59.26	−28 26.1	1.361	2.219	17.0	19.5
4 11	14 52.59	−29 1.8	1.294	2.218	13.2	19.3
4 21	14 43.03	−29 15.8	1.247	2.216	9.2	19.0
5 1	14 31.76	−29 5.8	1.224	2.215	6.3	18.9
5 11	14 20.43	−28 34.2	1.225	2.213	7.2	18.9
5 21	14 10.61	−27 47.7	1.250	2.212	10.8	19.1
5 31	14 3.56	−26 55.5	1.297	2.211	14.9	19.3

204094 2003 WW_{77} 4 30.6 254°.75 6°.9/25.1 18

3 22	14 59.10	+ 3 43.5	2.182	2.985	13.3	20.3
4 1	14 54.89	+ 4 33.6	2.093	2.971	10.9	20.2
4 11	14 48.58	+ 5 20.4	2.025	2.958	8.6	20.0
4 21	14 40.66	+ 5 58.2	1.983	2.944	7.0	19.9
5 1	14 31.86	+ 6 21.8	1.968	2.929	7.2	19.8
5 11	14 23.07	+ 6 27.2	1.979	2.915	9.1	19.9
5 21	14 15.13	+ 6 12.6	2.016	2.900	11.7	20.0
5 31	14 8.73	+ 5 38.3	2.074	2.884	14.3	20.2

499793 2011 CE_{70} 4 30.6 61°.78 9°.5/24.4 18

3 22	14 59.72	+ 6 18.0	1.596	2.414	16.7	20.4
4 1	14 55.67	+ 7 36.2	1.551	2.435	13.8	20.3
4 11	14 49.13	+ 8 45.9	1.527	2.456	11.1	20.2
4 21	14 40.86	+ 9 38.9	1.526	2.477	9.6	20.1
5 1	14 31.87	+10 8.3	1.549	2.498	9.9	20.2
5 11	14 23.31	+10 10.6	1.596	2.519	11.8	20.3
5 21	14 16.11	+ 9 46.1	1.665	2.540	14.2	20.5
5 31	14 10.94	+ 8 57.7	1.755	2.561	16.7	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
93365 2000 SR_{266}			4 30.6 173°.92		3°.5/27.3 17	
	h m	° ′			°	m
3 22	14 57.30	− 7 42.3	2.259	3.061	12.9	20.9
4 1	14 53.28	− 6 41.4	2.175	3.064	10.1	20.7
4 11	14 47.34	− 5 35.2	2.114	3.066	7.1	20.5
4 21	14 39.98	− 4 28.3	2.080	3.067	4.3	20.3
5 1	14 31.91	− 3 25.8	2.075	3.068	3.8	20.3
5 11	14 23.96	− 2 32.9	2.098	3.069	6.3	20.4
5 21	14 16.86	− 1 53.5	2.147	3.069	9.4	20.6
5 31	14 11.26	− 1 29.8	2.221	3.069	12.2	20.8
139918 2001 RU_{120}			4 30.6 108°.11		2°.8/ 2.8 18	
3 22	14 59.73	−23 37.6	2.285	3.043	14.1	20.1
4 1	14 55.45	−24 0.5	2.195	3.049	11.5	19.9
4 11	14 49.00	−24 12.0	2.127	3.055	8.5	19.7
4 21	14 40.89	−24 11.6	2.084	3.061	5.3	19.6
5 1	14 31.89	−23 59.5	2.067	3.067	2.9	19.4
5 11	14 22.95	−23 38.4	2.080	3.073	4.2	19.5
5 21	14 14.93	−23 11.8	2.119	3.078	7.3	19.7
5 31	14 8.58	−22 44.5	2.185	3.084	10.4	19.9
508426 2016 JR_{32}			4 30.7 329°.07		10°.5/23.1 17	
3 22	14 53.03	+ 4 20.8	1.383	2.225	17.5	20.3
4 1	14 51.34	+ 5 51.3	1.305	2.206	14.6	20.0
4 11	14 46.82	+ 7 19.3	1.247	2.188	12.0	19.8
4 21	14 40.02	+ 8 34.5	1.210	2.170	10.5	19.7
5 1	14 31.92	+ 9 26.0	1.196	2.154	11.2	19.6
5 11	14 23.80	+ 9 46.2	1.203	2.138	13.7	19.7
5 21	14 16.87	+ 9 32.1	1.231	2.123	17.0	19.9
5 31	14 12.12	+ 8 44.9	1.276	2.110	20.2	20.1
989 Schwassmannia			4 30.7 165°.77		2°.3/ 3.1 18	
3 22	14 59.40	−26 2.7	2.555	3.297	13.2	17.3
4 1	14 54.87	−25 39.2	2.459	3.303	10.8	17.1
4 11	14 48.40	−25 1.3	2.384	3.308	7.9	16.9
4 21	14 40.51	−24 9.2	2.336	3.312	4.9	16.8
5 1	14 31.92	−23 5.2	2.316	3.316	2.4	16.6
5 11	14 23.46	−21 53.5	2.325	3.319	3.7	16.7
5 21	14 15.90	−20 39.2	2.364	3.322	6.7	16.9
5 31	14 9.84	−19 27.8	2.430	3.324	9.7	17.1
463115 2011 UM_{247}			4 30.7 91°.51		1°.0/30.1 18	
3 22	15 3.09	−13 54.3	1.532	2.338	17.8	21.9
4 1	14 58.77	−13 43.8	1.464	2.354	14.1	21.7
4 11	14 51.57	−13 24.1	1.416	2.370	9.7	21.5
4 21	14 42.23	−12 57.6	1.392	2.385	4.8	21.2
5 1	14 31.86	−12 28.3	1.393	2.400	1.1	21.0
5 11	14 21.79	−12 1.1	1.421	2.415	5.6	21.3
5 21	14 13.18	−11 40.9	1.475	2.430	10.2	21.6
5 31	14 6.88	−11 31.5	1.551	2.444	14.2	21.9
71287 2000 AM_{52}			4 30.7 177°.71		0°.1/30.8 18	
3 22	15 0.80	−15 59.7	2.453	3.228	12.8	20.3
4 1	14 56.01	−16 0.6	2.358	3.230	10.2	20.2
4 11	14 49.25	−15 54.3	2.286	3.231	7.1	20.0
4 21	14 40.98	−15 41.8	2.241	3.232	3.6	19.7
5 1	14 31.91	−15 25.0	2.224	3.232	0.2	19.4
5 11	14 22.88	−15 6.5	2.237	3.232	3.8	19.7
5 21	14 14.68	−14 49.5	2.279	3.231	7.2	20.0
5 31	14 7.97	−14 37.1	2.346	3.230	10.4	20.2
389201 2009 CQ_{59}			4 30.7 176°.24		1°.1/29.7 17	
3 22	14 56.61	−13 19.8	2.277	3.071	13.1	21.5
4 1	14 52.84	−12 58.9	2.187	3.071	10.3	21.3
4 11	14 47.12	−12 31.0	2.120	3.072	7.1	21.1
4 21	14 39.93	−11 58.3	2.079	3.072	3.5	20.9
5 1	14 31.97	−11 24.0	2.066	3.072	1.2	20.7
5 11	14 24.08	−10 52.0	2.081	3.072	4.4	20.9
5 21	14 17.03	−10 25.9	2.124	3.072	7.9	21.1
5 31	14 11.47	−10 8.6	2.191	3.072	11.1	21.3
118945 Rikhill			4 30.7 28°.94		1°.2/29.7 18	
3 22	14 56.97	−11 57.8	2.248	3.045	13.1	19.7
4 1	14 53.14	−11 49.6	2.161	3.047	10.3	19.6
4 11	14 47.33	−11 36.1	2.097	3.049	7.1	19.4
4 21	14 40.03	−11 19.3	2.059	3.051	3.6	19.1
5 1	14 31.97	−11 1.9	2.048	3.054	1.3	19.0
5 11	14 23.97	−10 47.1	2.066	3.057	4.5	19.2
5 21	14 16.83	−10 37.9	2.111	3.059	8.0	19.4
5 31	14 11.20	−10 36.5	2.180	3.062	11.1	19.6
505972 2015 FA_{321}			4 30.7 298°.58		5°.9/26.0 17	
3 22	14 56.28	− 1 7.0	1.936	2.753	14.2	20.8
4 1	14 52.95	− 0 14.1	1.849	2.742	11.4	20.6
4 11	14 47.40	+ 0 39.2	1.785	2.732	8.5	20.4
4 21	14 40.15	+ 1 27.2	1.745	2.721	6.3	20.3
5 1	14 31.96	+ 2 3.9	1.732	2.711	6.3	20.2
5 11	14 23.80	+ 2 24.3	1.744	2.700	8.6	20.4
5 21	14 16.56	+ 2 25.9	1.781	2.690	11.7	20.5
5 31	14 10.99	+ 2 7.8	1.840	2.680	14.7	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
103617 2000 CL_{23}			4 30.7 156°.85		3°.8/27.3 18	
	h m	° ′			°	m
3 22	14 59.96	− 6 56.3	2.176	2.975	13.4	20.7
4 1	14 55.39	− 5 56.9	2.097	2.984	10.6	20.6
4 11	14 48.80	− 4 53.0	2.042	2.992	7.4	20.4
4 21	14 40.73	− 3 49.4	2.013	2.999	4.6	20.2
5 1	14 31.94	− 2 51.2	2.013	3.006	4.1	20.2
5 11	14 23.33	− 2 3.7	2.042	3.011	6.5	20.3
5 21	14 15.66	− 1 30.3	2.097	3.016	9.7	20.5
5 31	14 9.60	− 1 13.0	2.176	3.021	12.6	20.7
143637 2003 LP_{6}			4 30.7 87°.08		18°.6/22.1 18	
3 22	15 42.02	+38 1.2	1.869	2.487	20.9	20.7
4 1	15 28.29	+41 11.3	1.898	2.556	19.7	20.7
4 11	15 10.94	+43 39.0	1.946	2.621	18.9	20.8
4 21	14 51.40	+45 13.7	2.016	2.682	18.6	20.9
5 1	14 31.59	+45 51.9	2.105	2.740	18.7	21.1
5 11	14 13.46	+45 37.9	2.212	2.794	19.1	21.2
5 21	13 58.36	+44 41.2	2.333	2.845	19.5	21.4
5 31	13 46.93	+43 13.1	2.466	2.893	19.8	21.6
466117 2012 DX_{66}			4 30.7 95°.92		4°.5/27.4 17	
3 22	14 58.30	− 7 26.5	1.621	2.441	16.3	21.8
4 1	14 54.80	− 6 23.1	1.551	2.449	12.9	21.6
4 11	14 48.75	− 5 13.8	1.502	2.458	9.0	21.3
4 21	14 40.81	− 4 4.5	1.477	2.466	5.5	21.2
5 1	14 31.95	− 3 2.5	1.479	2.474	4.9	21.1
5 11	14 23.31	− 2 14.4	1.507	2.482	7.9	21.3
5 21	14 15.92	− 1 44.6	1.560	2.489	11.7	21.6
5 31	14 10.55	− 1 35.1	1.634	2.497	15.1	21.8
488243 2016 BZ			4 30.7 295°.38		3°.0/ 5.1 18	
3 22	14 51.10	−30 44.4	4.358	5.063	8.6	20.8
4 1	14 47.74	−30 56.6	4.244	5.054	7.2	20.7
4 11	14 43.24	−30 59.9	4.153	5.045	5.7	20.6
4 21	14 37.87	−30 54.0	4.088	5.037	4.2	20.4
5 1	14 32.05	−30 39.1	4.050	5.028	3.1	20.4
5 11	14 26.22	−30 16.6	4.042	5.020	3.2	20.4
5 21	14 20.80	−29 48.2	4.062	5.011	4.5	20.4
5 31	14 16.19	−29 16.5	4.109	5.002	6.1	20.5
308592 2005 VL_{2}			4 30.7 238°.19		6°.6/ 8.4 18	
3 22	15 0.82	−42 3.1	3.223	3.856	12.5	21.6
4 1	14 56.16	−42 28.9	3.101	3.840	11.2	21.5
4 11	14 49.46	−42 38.8	2.998	3.823	9.6	21.3
4 21	14 41.15	−42 30.1	2.917	3.805	8.1	21.2
5 1	14 31.93	−42 1.1	2.861	3.787	6.9	21.1
5 11	14 22.66	−41 12.8	2.832	3.768	6.7	21.0
5 21	14 14.15	−40 8.2	2.830	3.749	7.5	21.1
5 31	14 7.13	−38 52.4	2.855	3.729	9.0	21.1
138845 2000 VV_{57}			4 30.7 204°.28		0°.1/30.6 18	
3 22	15 0.66	−15 46.3	2.526	3.300	12.5	20.7
4 1	14 55.90	−15 39.4	2.423	3.294	9.9	20.6
4 11	14 49.19	−15 25.2	2.343	3.288	6.9	20.3
4 21	14 40.98	−15 4.7	2.290	3.281	3.5	20.1
5 1	14 31.95	−14 40.0	2.266	3.274	0.2	19.8
5 11	14 22.90	−14 14.1	2.272	3.266	3.8	20.1
5 21	14 14.62	−13 50.4	2.306	3.257	7.3	20.3
5 31	14 7.78	−13 32.1	2.367	3.247	10.4	20.5
76216 2000 EO_{66}			4 30.7 269°.85		0°.7/30.2 18	
3 22	14 57.24	−14 33.5	2.104	2.899	14.0	19.0
4 1	14 53.59	−14 20.0	2.011	2.895	11.1	18.8
4 11	14 47.79	−13 58.4	1.940	2.891	7.6	18.6
4 21	14 40.33	−13 30.7	1.895	2.888	3.8	18.3
5 1	14 31.99	−12 59.8	1.877	2.884	0.7	18.1
5 11	14 23.67	−12 29.6	1.887	2.880	4.5	18.4
5 21	14 16.25	−12 4.2	1.924	2.876	8.3	18.6
5 31	14 10.46	−11 46.9	1.985	2.873	11.8	18.8
437779 2015 BT_{464}			4 30.7 162°.94		9°.5/ 9.9 17	
3 22	15 2.21	−44 3.8	2.097	2.753	18.0	20.6
4 1	14 58.42	−44 41.5	2.004	2.754	16.1	20.5
4 11	14 51.59	−44 55.2	1.926	2.756	14.0	20.3
4 21	14 42.39	−44 39.9	1.868	2.757	11.9	20.2
5 1	14 31.91	−43 53.0	1.832	2.758	10.1	20.1
5 11	14 21.58	−42 36.0	1.820	2.759	9.6	20.0
5 21	14 12.66	−40 55.4	1.833	2.759	10.4	20.1
5 31	14 6.15	−39 0.4	1.871	2.760	12.3	20.2
509690 2008 RV_{5}			4 30.7 228°.46		4°.4/ 4.2 17	
3 22	15 3.75	−29 13.6	2.662	3.377	13.3	22.1
4 1	14 58.65	−29 47.6	2.544	3.363	11.2	22.0
4 11	14 51.31	−30 9.6	2.447	3.348	8.8	21.8
4 21	14 42.17	−30 17.4	2.376	3.332	6.3	21.6
5 1	14 31.93	−30 10.0	2.333	3.316	4.5	21.4
5 11	14 21.52	−29 48.4	2.318	3.299	5.0	21.4
5 21	14 11.85	−29 15.9	2.332	3.281	7.3	21.6
5 31	14 3.74	−28 37.2	2.373	3.262	10.0	21.7

509693 2008 RA_{66} 4 30.7 202°.64 3°.9/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 2.91	−26 34.0	2.387	3.124	14.1	22.4
4 1	14 58.08	−27 7.4	2.284	3.120	11.8	22.2
4 11	14 50.94	−27 28.9	2.202	3.116	9.0	22.0
4 21	14 41.97	−27 36.7	2.144	3.111	6.1	21.8
5 1	14 31.94	−27 30.3	2.115	3.106	4.0	21.7
5 11	14 21.84	−27 11.2	2.114	3.101	4.8	21.7
5 21	14 12.62	−26 43.1	2.140	3.094	7.5	21.8
5 31	14 5.08	−26 10.9	2.193	3.088	10.5	22.0

22180 2000 YZ 4 30.7 188°.72 2°.7/ 5.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 50.16	−32 42.8	4.851	5.541	7.9	17.9
4 1	14 46.83	−32 28.5	4.742	5.541	6.7	17.8
4 11	14 42.50	−32 4.6	4.655	5.540	5.3	17.7
4 21	14 37.47	−31 31.3	4.594	5.540	3.9	17.6
5 1	14 32.11	−30 49.2	4.562	5.539	2.8	17.5
5 11	14 26.80	−30 0.2	4.560	5.538	2.9	17.5
5 21	14 21.92	−29 6.3	4.587	5.537	4.0	17.6
5 31	14 17.79	−28 10.3	4.643	5.536	5.4	17.7

107738 2001 FC_{31} 4 30.7 314°.84 2°.2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.94	−12 25.0	1.397	2.226	18.1	19.6
4 1	14 53.84	−12 1.6	1.305	2.209	14.4	19.3
4 11	14 48.73	−11 27.8	1.232	2.192	10.0	19.0
4 21	14 41.10	−10 46.7	1.181	2.176	5.1	18.7
5 1	14 31.97	−10 3.6	1.155	2.160	2.3	18.4
5 11	14 22.71	− 9 25.4	1.153	2.145	6.9	18.7
5 21	14 14.66	− 8 58.4	1.174	2.131	12.0	18.9
5 31	14 8.93	− 8 47.3	1.216	2.117	16.7	19.1

430416 1997 EG_{4} 4 30.7 19°.50 1°.5/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.27	−19 20.6	1.597	2.399	17.4	21.2
4 1	14 54.36	−19 29.8	1.519	2.403	14.0	21.0
4 11	14 48.70	−19 26.4	1.460	2.408	9.9	20.8
4 21	14 40.90	−19 10.6	1.424	2.414	5.4	20.5
5 1	14 31.99	−18 44.8	1.413	2.420	1.5	20.3
5 11	14 23.20	−18 13.4	1.429	2.426	4.8	20.5
5 21	14 15.66	−17 42.0	1.469	2.434	9.3	20.8
5 31	14 10.28	−17 15.9	1.532	2.441	13.3	21.0

129952 1999 TW_{220} 4 30.7 232°.90 2°.6/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.20	−23 48.9	1.854	2.625	16.4	19.9
4 1	14 56.52	−23 44.2	1.753	2.616	13.5	19.7
4 11	14 50.17	−23 23.2	1.672	2.607	9.9	19.4
4 21	14 41.68	−22 45.5	1.615	2.597	5.9	19.2
5 1	14 31.96	−21 52.9	1.584	2.587	2.7	18.9
5 11	14 22.21	−20 49.9	1.580	2.576	4.7	19.1
5 21	14 13.55	−19 43.2	1.603	2.565	8.9	19.3
5 31	14 6.92	−18 40.2	1.650	2.553	12.9	19.5

247813 2003 SW_{137} 4 30.7 233°.38 1°.8/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.68	−21 3.8	2.016	2.786	15.4	21.3
4 1	14 58.29	−21 6.9	1.907	2.772	12.5	21.1
4 11	14 51.33	−20 57.6	1.819	2.757	9.1	20.8
4 21	14 42.26	−20 35.7	1.756	2.742	5.1	20.5
5 1	14 31.94	−20 2.3	1.720	2.725	1.8	20.3
5 11	14 21.48	−19 21.0	1.712	2.708	4.5	20.4
5 21	14 11.98	−18 36.9	1.732	2.691	8.7	20.6
5 31	14 4.36	−17 55.8	1.777	2.672	12.5	20.8

112240 2002 LZ_{3} 4 30.7 288°.10 4°.5/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.38	− 6 34.3	1.529	2.352	17.0	19.8
4 1	14 56.23	− 6 0.7	1.436	2.336	13.6	19.5
4 11	14 50.18	− 5 22.5	1.364	2.321	9.7	19.2
4 21	14 41.77	− 4 44.5	1.316	2.305	5.8	19.0
5 1	14 31.96	− 4 12.7	1.292	2.289	4.8	18.9
5 11	14 22.05	− 3 53.4	1.294	2.274	8.1	19.0
5 21	14 13.28	− 3 50.7	1.320	2.259	12.6	19.2
5 31	14 6.70	− 4 6.9	1.366	2.243	16.7	19.4

174060 2002 CL_{245} 4 30.7 330°.95 15°.6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.19	−53 10.4	2.018	2.610	20.1	18.9
4 1	15 1.88	−55 18.4	1.919	2.592	19.1	18.8
4 11	14 55.45	−57 5.7	1.835	2.573	17.9	18.6
4 21	14 45.07	−58 23.6	1.767	2.556	16.8	18.5
5 1	14 31.83	−59 3.6	1.716	2.539	16.0	18.4
5 11	14 17.76	−59 1.5	1.683	2.523	15.6	18.3
5 21	14 5.16	−58 18.6	1.669	2.508	15.9	18.3
5 31	13 56.04	−57 2.3	1.673	2.494	16.8	18.3

266363 2007 ED_{49} 4 30.7 359°.15 1°.1/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.27	−17 53.1	1.680	2.479	16.8	20.5
4 1	14 55.86	−18 5.9	1.594	2.478	13.5	20.3
4 11	14 49.74	−18 8.2	1.529	2.477	9.5	20.0
4 21	14 41.46	−18 0.2	1.486	2.477	5.1	19.8
5 1	14 31.99	−17 43.9	1.470	2.477	1.1	19.5
5 11	14 22.56	−17 22.9	1.480	2.477	4.8	19.7
5 21	14 14.31	−17 2.0	1.516	2.478	9.3	20.0
5 31	14 8.16	−16 46.1	1.575	2.479	13.3	20.2

398817 2013 BN_{55} 4 30.7 207°.20 4°.2/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.93	− 3 20.7	2.550	3.354	11.5	21.7
4 1	14 51.25	− 2 31.2	2.464	3.352	9.2	21.5
4 11	14 45.89	− 1 40.2	2.402	3.349	6.6	21.3
4 21	14 39.30	− 0 52.0	2.367	3.347	4.6	21.2
5 1	14 32.07	− 0 10.8	2.360	3.344	4.4	21.2
5 11	14 24.91	+ 0 19.7	2.381	3.341	6.4	21.3
5 21	14 18.47	+ 0 37.0	2.429	3.338	9.0	21.4
5 31	14 13.28	+ 0 39.7	2.500	3.334	11.4	21.6

179552 2002 CA_{315} 4 30.7 304°.19 4°.7/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.53	− 3 49.9	2.286	3.099	12.4	20.1
4 1	14 50.39	− 2 45.4	2.202	3.095	9.9	19.9
4 11	14 45.42	− 1 38.2	2.141	3.090	7.2	19.7
4 21	14 39.10	− 0 33.4	2.106	3.086	5.0	19.6
5 1	14 32.08	+ 0 23.7	2.099	3.082	5.0	19.6
5 11	14 25.13	+ 1 8.3	2.119	3.078	7.1	19.7
5 21	14 18.96	+ 1 37.1	2.165	3.074	9.9	19.9
5 31	14 14.16	+ 1 48.5	2.234	3.070	12.6	20.0

131281 2001 FP_{92} 4 30.7 297°.38 2°.8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.16	− 8 43.2	1.891	2.701	14.8	19.5
4 1	14 54.61	− 8 25.6	1.796	2.689	11.7	19.2
4 11	14 48.69	− 8 3.5	1.724	2.678	8.2	19.0
4 21	14 40.88	− 7 40.3	1.675	2.667	4.4	18.7
5 1	14 32.02	− 7 19.8	1.654	2.656	2.9	18.6
5 11	14 23.11	− 7 6.1	1.660	2.645	6.1	18.8
5 21	14 15.16	− 7 2.7	1.691	2.634	10.0	19.0
5 31	14 8.98	− 7 11.7	1.746	2.624	13.6	19.2

86667 2000 FO_{10} 4 30.7 225°.41 9°.4/27.6 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	16 4.19	−23 40.9	0.581	1.368	40.1	18.7
4 1	15 59.57	−21 14.5	0.482	1.357	34.7	18.1
4 11	15 44.81	−17 9.1	0.391	1.337	26.6	17.4
4 21	15 15.99	−10 24.9	0.316	1.307	15.0	16.5
5 1	14 30.59	− 0 16.1	0.266	1.266	11.7	16.0
5 11	13 33.01	+11 43.9	0.250	1.216	31.1	16.3
5 21	12 35.39	+21 45.3	0.265	1.155	51.8	16.9
5 31	11 47.66	+28 11.4	0.298	1.082	69.0	17.6

489401 2006 VP_{8} 4 30.7 170°.28 0°.8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.21	−13 55.0	2.920	3.700	10.8	22.9
4 1	14 52.05	−13 32.8	2.827	3.703	8.5	22.8
4 11	14 46.33	−13 4.5	2.758	3.706	5.8	22.6
4 21	14 39.49	−12 32.1	2.716	3.708	2.9	22.4
5 1	14 32.08	−11 58.0	2.704	3.710	0.8	22.2
5 11	14 24.73	−11 25.2	2.721	3.712	3.6	22.5
5 21	14 18.04	−10 56.6	2.768	3.713	6.5	22.7
5 31	14 12.51	−10 34.7	2.840	3.714	9.1	22.8

427941 2005 WF_{46} 4 30.7 190°.25 1°.9/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.19	−13 2.8	2.438	3.225	12.5	22.5
4 1	14 53.93	−12 5.0	2.343	3.224	9.8	22.3
4 11	14 47.80	−10 58.4	2.271	3.222	6.7	22.1
4 21	14 40.28	− 9 46.3	2.227	3.219	3.5	21.9
5 1	14 32.06	− 8 33.3	2.213	3.216	2.0	21.8
5 11	14 23.91	− 7 24.6	2.228	3.212	4.9	22.0
5 21	14 16.57	− 6 25.0	2.271	3.207	8.2	22.2
5 31	14 10.65	− 5 38.0	2.340	3.201	11.2	22.4

257717 1999 XZ_{149} 4 30.7 107°.94 1°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.84	−14 0.1	1.740	2.540	16.3	21.4
4 1	14 57.48	−13 41.6	1.667	2.554	12.8	21.2
4 11	14 50.57	−13 14.2	1.615	2.567	8.8	21.0
4 21	14 41.75	−12 40.4	1.588	2.581	4.4	20.7
5 1	14 32.01	−12 4.0	1.587	2.594	1.2	20.5
5 11	14 22.51	−11 30.2	1.614	2.606	5.2	20.9
5 21	14 14.27	−11 3.5	1.667	2.619	9.5	21.1
5 31	14 8.08	−10 47.4	1.744	2.631	13.2	21.4

510427 2011 UU_{333} 4 30.7 225°.49 4°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.05	− 2 34.2	2.610	3.413	11.3	21.4
4 1	14 51.33	− 1 42.1	2.520	3.407	9.0	21.3
4 11	14 45.95	− 0 49.0	2.455	3.400	6.6	21.1
4 21	14 39.35	+ 0 1.2	2.416	3.393	4.7	21.0
5 1	14 32.09	+ 0 44.0	2.405	3.386	4.6	21.0
5 11	14 24.88	+ 1 15.7	2.423	3.379	6.5	21.1
5 21	14 18.36	+ 1 33.7	2.467	3.371	9.0	21.2
5 31	14 13.06	+ 1 36.8	2.534	3.363	11.5	21.4

430656 2003 SD_{335} 4 30.7 274°.30 1°.1/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.21	−13 55.3	1.971	2.772	14.6	22.0
4 1	14 53.75	−13 33.8	1.878	2.766	11.6	21.8
4 11	14 48.02	−13 3.8	1.807	2.760	8.0	21.6
4 21	14 40.52	−12 27.4	1.761	2.754	4.0	21.3
5 1	14 32.06	−11 48.4	1.742	2.748	1.2	21.1
5 11	14 23.63	−11 11.3	1.750	2.742	4.9	21.3
5 21	14 16.14	−10 40.7	1.785	2.736	9.0	21.5
5 31	14 10.36	−10 20.3	1.844	2.731	12.6	21.8

499541 2010 RV_{108} 4 30.7 234.°88 0.°2/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.53	−17 18.6	1.952	2.737	15.3	22.6
4 1	14 57.38	−17 7.2	1.847	2.724	12.3	22.3
4 11	14 50.68	−16 44.9	1.764	2.710	8.6	22.1
4 21	14 41.95	−16 12.5	1.705	2.696	4.5	21.8
5 1	14 32.01	−15 32.8	1.673	2.681	0.2	21.4
5 11	14 21.98	−14 50.1	1.670	2.665	4.7	21.7
5 21	14 12.91	−14 9.7	1.694	2.649	9.1	22.0
5 31	14 5.71	−13 36.7	1.742	2.632	13.0	22.2

14067 1996 GY_{17} 4 30.7 281.°23 0.°4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.38	−17 30.7	2.044	2.834	14.5	19.0
4 1	14 53.87	−17 23.8	1.949	2.828	11.6	18.8
4 11	14 48.09	−17 6.9	1.875	2.822	8.1	18.6
4 21	14 40.56	−16 41.0	1.826	2.817	4.2	18.3
5 1	14 32.06	−16 8.7	1.803	2.811	0.4	18.0
5 11	14 23.57	−15 33.9	1.809	2.805	4.2	18.3
5 21	14 16.00	−15 1.1	1.841	2.799	8.3	18.5
5 31	14 10.13	−14 34.5	1.898	2.794	11.9	18.7

123620 2000 YP_{26} 4 30.7 114.°13 6.°6/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.69	+ 2 34.0	2.130	2.934	13.5	19.9
4 1	14 55.13	+ 3 34.1	2.069	2.949	11.0	19.7
4 11	14 48.59	+ 4 30.8	2.030	2.964	8.5	19.6
4 21	14 40.65	+ 5 18.3	2.017	2.979	6.8	19.5
5 1	14 32.07	+ 5 51.4	2.031	2.994	6.9	19.5
5 11	14 23.74	+ 6 6.6	2.071	3.008	8.7	19.7
5 21	14 16.41	+ 6 2.5	2.137	3.021	11.1	19.8
5 31	14 10.68	+ 5 39.9	2.225	3.034	13.5	20.0

287435 2002 XM_{3} 4 30.7 87.°39 2.°9/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.75	−10 46.3	1.724	2.534	16.0	20.9
4 1	14 55.70	− 9 57.0	1.660	2.553	12.5	20.7
4 11	14 49.24	− 9 0.3	1.617	2.572	8.5	20.5
4 21	14 41.04	− 8 0.8	1.599	2.591	4.5	20.3
5 1	14 32.06	− 7 4.3	1.608	2.610	3.1	20.2
5 11	14 23.40	− 6 16.9	1.644	2.628	6.3	20.5
5 21	14 15.99	− 5 42.8	1.706	2.646	10.1	20.7
5 31	14 10.53	− 5 24.7	1.791	2.664	13.6	21.0

116923 2004 GK_{26} 4 30.7 306.°45 4.°2/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.38	− 5 11.1	2.045	2.859	13.6	19.4
4 1	14 52.22	− 4 32.0	1.948	2.843	10.9	19.2
4 11	14 46.93	− 3 50.1	1.875	2.827	7.8	19.0
4 21	14 39.98	− 3 9.4	1.826	2.811	5.0	18.8
5 1	14 32.09	− 2 35.0	1.804	2.796	4.5	18.7
5 11	14 24.16	− 2 11.6	1.809	2.781	7.0	18.8
5 21	14 17.06	− 2 2.3	1.839	2.766	10.3	19.0
5 31	14 11.53	− 2 9.1	1.892	2.751	13.6	19.2

303801 2005 SU_{41} 4 30.7 184.°56 2.°9/ 3.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.49	−25 26.8	2.750	3.491	12.3	21.8
4 1	14 54.18	−25 45.4	2.649	3.491	10.2	21.7
4 11	14 48.02	−25 53.3	2.571	3.490	7.6	21.5
4 21	14 40.44	−25 49.8	2.518	3.490	5.0	21.3
5 1	14 32.08	−25 35.2	2.494	3.489	3.0	21.2
5 11	14 23.73	−25 11.7	2.498	3.488	3.9	21.3
5 21	14 16.11	−24 42.4	2.531	3.487	6.4	21.4
5 31	14 9.86	−24 11.2	2.590	3.486	9.1	21.6

56716 2000 MZ_{3} 4 30.7 301.°41 6.°5/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.50	− 3 53.0	1.323	2.160	18.4	18.4
4 1	14 56.09	− 3 7.0	1.231	2.137	14.9	18.1
4 11	14 50.45	− 2 17.1	1.158	2.115	10.9	17.8
4 21	14 42.09	− 1 30.2	1.107	2.093	7.4	17.6
5 1	14 32.02	− 0 54.5	1.079	2.071	6.8	17.5
5 11	14 21.71	− 0 38.0	1.075	2.049	10.3	17.6
5 21	14 12.62	− 0 45.2	1.093	2.028	14.9	17.8
5 31	14 5.99	− 1 17.6	1.130	2.007	19.4	18.0

98255 2000 SX_{180} 4 30.7 75.°22 1.°0/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.87	−15 23.4	1.417	2.228	18.7	19.4
4 1	14 57.96	−14 55.7	1.356	2.249	14.8	19.1
4 11	14 51.09	−14 15.8	1.315	2.270	10.1	18.9
4 21	14 42.05	−13 27.0	1.297	2.291	5.0	18.7
5 1	14 32.04	−12 34.8	1.305	2.312	1.1	18.5
5 11	14 22.44	−11 45.9	1.338	2.332	5.8	18.8
5 21	14 14.43	−11 6.4	1.397	2.353	10.5	19.2
5 31	14 8.82	−10 40.9	1.477	2.373	14.6	19.4

46569 1991 SY_{1} 4 30.7 317.°70 7.°7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.74	−27 45.4	1.349	2.135	20.8	18.4
4 1	14 57.01	−29 3.7	1.248	2.112	17.8	18.1
4 11	14 51.66	−30 8.1	1.164	2.089	14.2	17.8
4 21	14 42.98	−30 52.6	1.100	2.067	10.5	17.5
5 1	14 32.00	−31 11.9	1.058	2.045	7.9	17.3
5 11	14 20.40	−31 5.2	1.039	2.024	8.7	17.3
5 21	14 10.06	−30 36.7	1.041	2.004	12.4	17.4
5 31	14 2.60	−29 55.6	1.065	1.985	16.8	17.6

429433 2010 VF_{16} 4 30.7 180.°34 2.°3/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.37	−23 52.9	2.095	2.855	15.1	22.9
4 1	14 56.99	−23 45.3	2.000	2.856	12.4	22.7
4 11	14 50.23	−23 23.0	1.925	2.857	9.0	22.5
4 21	14 41.64	−22 46.0	1.876	2.857	5.4	22.3
5 1	14 32.07	−21 56.1	1.854	2.857	2.4	22.1
5 11	14 22.58	−20 57.6	1.860	2.856	4.3	22.2
5 21	14 14.13	−19 56.3	1.894	2.854	7.9	22.4
5 31	14 7.52	−18 58.4	1.954	2.852	11.5	22.6

70493 1999 TC_{65} 4 30.7 102.°75 0.°2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.64	−17 39.8	1.686	2.480	16.9	20.7
4 1	14 57.47	−17 22.9	1.613	2.495	13.5	20.5
4 11	14 50.64	−16 53.6	1.561	2.510	9.3	20.3
4 21	14 41.83	−16 13.8	1.532	2.524	4.7	20.0
5 1	14 32.07	−15 27.3	1.531	2.538	0.2	19.7
5 11	14 22.58	−14 39.6	1.556	2.552	4.8	20.1
5 21	14 14.40	−13 56.6	1.608	2.566	9.3	20.4
5 31	14 8.36	−13 23.1	1.683	2.579	13.1	20.7

178008 Picard 4 30.7 104.°23 4.°6/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.25	− 1 18.0	2.737	3.535	11.0	21.4
4 1	14 51.96	− 0 11.8	2.677	3.559	8.7	21.3
4 11	14 46.18	+ 0 54.0	2.642	3.583	6.4	21.2
4 21	14 39.39	+ 1 54.8	2.635	3.606	4.8	21.1
5 1	14 32.15	+ 2 46.5	2.656	3.628	4.9	21.1
5 11	14 25.13	+ 3 25.5	2.706	3.650	6.5	21.3
5 21	14 18.86	+ 3 49.9	2.782	3.672	8.7	21.4
5 31	14 13.80	+ 3 59.2	2.883	3.693	10.7	21.6

54906 2001 OT_{80} 4 30.7 152.°03 5.°8/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.55	−33 31.7	2.195	2.907	15.9	18.1
4 1	14 58.04	−33 52.9	2.103	2.914	13.5	17.9
4 11	14 51.01	−33 55.9	2.031	2.921	10.9	17.7
4 21	14 42.04	−33 38.0	1.982	2.928	8.1	17.6
5 1	14 32.06	−32 58.9	1.958	2.933	6.1	17.5
5 11	14 22.20	−32 1.5	1.962	2.939	6.1	17.5
5 21	14 13.49	−30 51.4	1.993	2.944	8.2	17.6
5 31	14 6.75	−29 35.9	2.049	2.948	10.9	17.8

512993 2017 UW_{37} 4 30.7 170.°75 0.°0/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.58	−17 55.6	2.582	3.360	12.1	21.9
4 1	14 51.83	−17 24.5	2.489	3.362	9.6	21.7
4 11	14 46.35	−16 43.7	2.418	3.364	6.7	21.6
4 21	14 39.58	−15 55.0	2.374	3.365	3.4	21.3
5 1	14 32.16	−15 1.4	2.359	3.366	0.1	21.0
5 11	14 24.82	−14 6.9	2.373	3.367	3.6	21.4
5 21	14 18.24	−13 15.8	2.415	3.368	6.9	21.6
5 31	14 12.98	−12 31.8	2.483	3.368	9.8	21.8

443290 2014 FH_{3} 4 30.7 170.°58 2.°6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.63	− 7 20.7	2.658	3.451	11.4	21.5
4 1	14 53.30	− 6 56.8	2.570	3.453	9.0	21.3
4 11	14 47.28	− 6 30.3	2.506	3.456	6.2	21.2
4 21	14 40.03	− 6 4.0	2.469	3.457	3.6	21.0
5 1	14 32.15	− 5 40.9	2.461	3.459	2.7	20.9
5 11	14 24.34	− 5 23.9	2.482	3.460	4.9	21.1
5 21	14 17.26	− 5 15.4	2.531	3.461	7.7	21.3
5 31	14 11.44	− 5 16.8	2.605	3.462	10.4	21.4

124140 2001 LT_{17} 4 30.7 275.°76 4.°7/ 3.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.83	−25 42.5	1.461	2.244	19.6	19.5
4 1	14 58.07	−26 11.0	1.363	2.230	16.4	19.2
4 11	14 51.93	−26 21.8	1.283	2.215	12.5	18.9
4 21	14 42.90	−26 11.7	1.223	2.200	8.2	18.6
5 1	14 32.05	−25 39.7	1.187	2.186	4.9	18.4
5 11	14 20.96	−24 49.3	1.176	2.171	6.4	18.4
5 21	14 11.19	−23 47.9	1.190	2.156	10.8	18.6
5 31	14 4.06	−22 45.2	1.225	2.141	15.4	18.8

6059 Diefenbach 4 30.7 243.°84 1.°4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.80	−20 28.5	2.024	2.799	15.1	19.1
4 1	14 56.80	−20 22.0	1.915	2.783	12.3	18.9
4 11	14 50.31	−20 2.8	1.827	2.767	8.8	18.6
4 21	14 41.80	−19 31.1	1.763	2.750	4.9	18.3
5 1	14 32.10	−18 48.7	1.727	2.733	1.4	18.1
5 11	14 22.27	−17 59.7	1.718	2.715	4.4	18.2
5 21	14 13.36	−17 9.5	1.737	2.696	8.6	18.4
5 31	14 6.27	−16 24.0	1.781	2.677	12.5	18.6

505815 2015 BX_{429} 4 30.7 192.°82 7.°2/ 6.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.72	−34 40.9	2.107	2.814	16.6	21.5
4 1	14 59.37	−35 33.1	2.010	2.813	14.4	21.3
4 11	14 52.22	−36 8.2	1.932	2.812	11.8	21.1
4 21	14 42.81	−36 22.0	1.876	2.810	9.3	20.9
5 1	14 32.08	−36 12.2	1.845	2.809	7.4	20.8
5 11	14 21.27	−35 39.9	1.840	2.806	7.4	20.8
5 21	14 11.60	−34 49.8	1.861	2.804	9.3	20.9
5 31	14 4.06	−33 49.1	1.907	2.801	11.9	21.1

297502 2000 WE_{67} 4 30.7 201.°09 2.°2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 56.40	−27 22.6	2.992	3.724	11.6	20.6
4 1	14 52.32	−26 44.9	2.883	3.720	9.6	20.5
4 11	14 46.60	−25 53.0	2.797	3.716	7.1	20.3
4 21	14 39.69	−24 47.6	2.737	3.711	4.4	20.1
5 1	14 32.18	−23 30.7	2.707	3.706	2.3	20.0
5 11	14 24.77	−22 6.3	2.707	3.701	3.2	20.0
5 21	14 18.08	−20 39.4	2.737	3.696	5.9	20.2
5 31	14 12.63	−19 15.0	2.796	3.690	8.5	20.4

467300 2016 EZ_{198} 4 30.7 22.°92 0.°7/30.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.03	−14 4.5	1.224	2.055	19.9	20.8
4 1	14 55.62	−14 6.9	1.158	2.062	15.8	20.6
4 11	14 49.93	−13 58.9	1.111	2.070	10.9	20.3
4 21	14 41.68	−13 43.0	1.085	2.079	5.5	20.0
5 1	14 32.12	−13 23.1	1.082	2.089	0.8	19.7
5 11	14 22.81	−13 4.7	1.103	2.100	6.1	20.1
5 21	14 15.10	−12 53.1	1.148	2.112	11.4	20.4
5 31	14 10.00	−12 52.5	1.213	2.124	15.9	20.7

418015 2007 UN_{24} 4 30.7 255.°83 2.°0/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.78	−13 58.0	1.696	2.503	16.3	21.8
4 1	14 55.54	−13 9.0	1.596	2.488	13.0	21.6
4 11	14 49.61	−12 7.0	1.517	2.472	9.0	21.3
4 21	14 41.50	−10 55.2	1.461	2.455	4.6	21.0
5 1	14 32.13	− 9 39.6	1.433	2.438	2.2	20.8
5 11	14 22.67	− 8 27.6	1.431	2.420	6.3	21.0
5 21	14 14.27	− 7 26.4	1.455	2.402	11.0	21.2
5 31	14 7.88	− 6 41.8	1.502	2.384	15.2	21.4

144462 2004 EP_{47} 4 30.7 119.°21 0.°7/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.32	−14 18.4	2.265	3.056	13.2	20.3
4 1	14 53.44	−14 2.7	2.178	3.060	10.4	20.1
4 11	14 47.59	−13 39.6	2.114	3.064	7.2	19.9
4 21	14 40.26	−13 11.1	2.076	3.068	3.6	19.7
5 1	14 32.18	−12 40.2	2.066	3.073	0.8	19.4
5 11	14 24.18	−12 10.5	2.084	3.076	4.2	19.7
5 21	14 17.06	−11 45.5	2.129	3.080	7.8	19.9
5 31	14 11.44	−11 28.4	2.200	3.084	10.9	20.1

205671 2001 XZ_{199} 4 30.7 116.°10 3.°2/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.32	−25 26.4	1.591	2.366	18.5	20.6
4 1	14 57.68	−25 21.3	1.511	2.376	15.2	20.4
4 11	14 51.07	−24 56.6	1.451	2.384	11.2	20.2
4 21	14 42.17	−24 12.0	1.412	2.393	6.9	20.0
5 1	14 32.12	−23 9.6	1.400	2.401	3.4	19.8
5 11	14 22.28	−21 55.9	1.413	2.409	5.2	19.9
5 21	14 13.88	−20 38.9	1.452	2.417	9.4	20.1
5 31	14 7.85	−19 27.3	1.515	2.424	13.5	20.4

500844 2013 HE_{53} 4 30.7 277.°95 3.°4/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.01	−23 47.8	1.555	2.341	18.5	22.2
4 1	14 57.17	−24 2.1	1.451	2.322	15.3	21.9
4 11	14 51.17	−23 59.7	1.366	2.304	11.4	21.6
4 21	14 42.48	−23 38.8	1.302	2.285	7.0	21.3
5 1	14 32.10	−22 59.4	1.263	2.265	3.5	21.0
5 11	14 21.46	−22 5.8	1.250	2.246	5.6	21.1
5 21	14 11.99	−21 5.1	1.261	2.227	10.4	21.3
5 31	14 4.93	−20 6.0	1.295	2.207	15.0	21.5

44360 1998 SK_{10} 4 30.7 147.°84 0.°4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.84	−16 47.8	2.272	3.058	13.3	19.7
4 1	14 53.06	−16 15.5	2.184	3.063	10.6	19.5
4 11	14 47.31	−15 33.0	2.119	3.067	7.3	19.3
4 21	14 40.12	−14 42.7	2.079	3.072	3.6	19.1
5 1	14 32.19	−13 48.1	2.068	3.076	0.4	18.8
5 11	14 24.37	−12 53.8	2.086	3.079	4.1	19.1
5 21	14 17.43	−12 4.3	2.131	3.083	7.7	19.3
5 31	14 12.01	−11 23.8	2.201	3.086	10.9	19.5

96183 1989 UG_{2} 4 30.7 197.°44 1.°7/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 10.16	− 9 6.8	2.193	2.966	14.1	19.4
4 1	15 3.74	− 9 19.8	2.092	2.963	11.3	19.2
4 11	14 54.85	− 9 30.8	2.014	2.958	7.8	18.9
4 21	14 44.01	− 9 41.1	1.963	2.953	4.1	18.7
5 1	14 32.07	− 9 52.3	1.942	2.947	1.8	18.5
5 11	14 20.07	−10 6.5	1.952	2.940	5.0	18.7
5 21	14 9.05	−10 25.4	1.991	2.932	8.9	18.9
5 31	13 59.84	−10 50.9	2.057	2.923	12.4	19.1

107552 2001 DT_{77} 4 30.7 155.°79 0.°5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.33	−18 13.3	1.955	2.735	15.4	20.9
4 1	14 57.77	−17 59.7	1.869	2.743	12.3	20.7
4 11	14 50.77	−17 34.5	1.805	2.749	8.6	20.5
4 21	14 41.92	−16 59.2	1.765	2.756	4.5	20.2
5 1	14 32.14	−16 16.6	1.754	2.761	0.5	19.9
5 11	14 22.49	−15 31.4	1.771	2.766	4.4	20.2
5 21	14 13.95	−14 48.7	1.815	2.770	8.5	20.5
5 31	14 7.31	−14 13.5	1.883	2.774	12.2	20.7

435042 2006 WD_{53} 4 30.7 128.°36 8.°8/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.99	+15 9.4	2.624	3.397	12.1	20.8
4 1	14 54.28	+16 6.8	2.567	3.405	10.6	20.7
4 11	14 47.89	+16 53.5	2.532	3.413	9.3	20.6
4 21	14 40.30	+17 24.6	2.522	3.421	8.8	20.6
5 1	14 32.19	+17 35.7	2.537	3.428	9.1	20.6
5 11	14 24.27	+17 25.0	2.577	3.436	10.2	20.7
5 21	14 17.19	+16 52.7	2.640	3.443	11.7	20.8
5 31	14 11.47	+16 0.8	2.724	3.450	13.3	20.9

472221 2014 FK_{4} 4 30.7 322.°94 0.°4/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.59	−14 4.8	2.254	3.043	13.3	21.4
4 1	14 54.54	−14 9.1	2.161	3.041	10.6	21.2
4 11	14 48.42	−14 7.4	2.091	3.040	7.3	20.9
4 21	14 40.72	−14 0.9	2.046	3.039	3.7	20.7
5 1	14 32.17	−13 51.5	2.030	3.037	0.4	20.4
5 11	14 23.65	−13 42.0	2.042	3.036	4.1	20.7
5 21	14 15.96	−13 35.4	2.081	3.035	7.7	21.0
5 31	14 9.82	−13 34.2	2.146	3.034	11.0	21.2

239165 2006 KG_{37} 4 30.7 222.°25 4.°5/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.20	− 2 52.8	2.479	3.280	11.9	20.8
4 1	14 53.17	− 1 59.3	2.386	3.271	9.5	20.6
4 11	14 47.33	− 1 4.0	2.316	3.261	7.0	20.4
4 21	14 40.13	− 0 11.5	2.273	3.251	4.9	20.3
5 1	14 32.20	+ 0 33.7	2.259	3.241	4.8	20.2
5 11	14 24.29	+ 1 7.3	2.273	3.230	6.8	20.3
5 21	14 17.10	+ 1 26.6	2.313	3.218	9.5	20.5
5 31	14 11.24	+ 1 30.1	2.377	3.206	12.1	20.6

111316 2001 XJ_{74} 4 30.7 315.°35 4.°8/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.27	− 2 20.0	2.096	2.906	13.5	19.2
4 1	14 53.57	− 1 48.7	2.009	2.899	10.8	19.0
4 11	14 47.78	− 1 17.5	1.945	2.893	7.9	18.8
4 21	14 40.41	− 0 50.8	1.905	2.886	5.4	18.6
5 1	14 32.19	− 0 33.1	1.893	2.880	5.0	18.6
5 11	14 24.01	− 0 27.9	1.908	2.874	7.3	18.7
5 21	14 16.70	− 0 37.4	1.948	2.868	10.3	18.9
5 31	14 10.95	− 1 2.2	2.012	2.862	13.2	19.1

269015 2007 EG_{199} 4 30.7 351.°33 25.°4/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.14	+40 45.0	1.213	1.945	25.4	18.9
4 1	14 56.40	+42 42.4	1.187	1.931	25.5	18.9
4 11	14 50.70	+43 56.8	1.171	1.918	25.7	18.8
4 21	14 42.06	+44 16.3	1.166	1.908	26.2	18.8
5 1	14 32.14	+43 33.0	1.170	1.901	26.9	18.8
5 11	14 22.81	+41 45.9	1.184	1.895	27.7	18.9
5 21	14 15.58	+39 0.8	1.207	1.892	28.6	19.0
5 31	14 11.39	+35 27.3	1.241	1.891	29.4	19.0

365191 2009 FY_{32} 4 30.7 358.°88 4.°9/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.93	− 9 10.7	1.156	2.007	19.6	20.8
4 1	14 51.73	− 8 8.1	1.087	2.004	15.5	20.5
4 11	14 47.34	− 6 54.8	1.037	2.002	10.8	20.3
4 21	14 40.43	− 5 38.4	1.008	2.001	6.3	20.0
5 1	14 32.19	− 4 28.5	1.002	2.001	5.3	19.9
5 11	14 24.11	− 3 34.8	1.019	2.002	9.2	20.2
5 21	14 17.53	− 3 3.9	1.057	2.005	14.0	20.4
5 31	14 13.45	− 2 58.7	1.114	2.008	18.4	20.7

237674 2001 SV_{349} 4 30.7 311.°62 1.°3/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.86	−18 17.1	1.325	2.139	19.7	20.6
4 1	14 57.26	−18 28.8	1.239	2.132	15.9	20.3
4 11	14 51.29	−18 27.1	1.172	2.124	11.4	20.0
4 21	14 42.54	−18 11.9	1.126	2.117	6.1	19.7
5 1	14 32.14	−17 45.3	1.104	2.111	1.3	19.3
5 11	14 21.66	−17 12.5	1.106	2.104	5.8	19.6
5 21	14 12.61	−16 40.1	1.132	2.098	11.2	19.9
5 31	14 6.21	−16 15.1	1.179	2.092	16.1	20.1

329775 2004 LA_{4} 4 30.7 330.°41 23.°4/17.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 8.82	+29 7.5	1.064	1.845	25.5	20.3
4 1	15 4.91	+31 4.1	1.024	1.840	24.3	20.2
4 11	14 56.69	+32 25.4	0.998	1.834	23.5	20.1
4 21	14 45.16	+32 55.4	0.985	1.830	23.4	20.1
5 1	14 32.08	+32 22.2	0.986	1.825	24.0	20.1
5 11	14 19.59	+30 43.5	1.002	1.822	25.2	20.2
5 21	14 9.44	+28 6.7	1.031	1.818	26.9	20.3
5 31	14 2.75	+24 44.4	1.073	1.816	28.6	20.4

292509 2006 TS_{20} 4 30.7 201.°49 0.°5/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.85	−16 45.8	2.381	3.168	12.8	20.9
4 1	14 51.46	−16 6.2	2.288	3.167	10.1	20.8
4 11	14 46.21	−15 16.3	2.217	3.166	7.0	20.5
4 21	14 39.58	−14 18.6	2.173	3.165	3.5	20.3
5 1	14 32.25	−13 16.7	2.157	3.164	0.6	20.1
5 11	14 25.00	−12 15.4	2.170	3.163	4.0	20.4
5 21	14 18.54	−11 19.4	2.211	3.162	7.5	20.6
5 31	14 13.48	−10 32.7	2.276	3.160	10.6	20.8

92732 2000 QP_{100} 4 30.7 119°.83 0°.5/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 3.98	−17 1.1	1.645	2.438	17.3	18.9
4 1	14 59.53	−17 5.7	1.567	2.448	13.9	18.7
4 11	14 52.23	−16 59.7	1.510	2.458	9.7	18.5
4 21	14 42.75	−16 43.9	1.477	2.468	5.0	18.2
5 1	14 32.16	−16 20.6	1.470	2.477	0.5	17.9
5 11	14 21.74	−15 54.3	1.490	2.487	4.9	18.3
5 21	14 12.67	−15 30.0	1.537	2.495	9.5	18.5
5 31	14 5.86	−15 12.4	1.606	2.504	13.5	18.8

102423 1999 TJ_{192} 4 30.7 187°.15 3°.5/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.45	−26 49.6	2.204	2.953	14.8	20.1
4 1	14 55.49	−26 59.2	2.107	2.952	12.3	19.9
4 11	14 49.23	−26 54.1	2.031	2.952	9.3	19.7
4 21	14 41.20	−26 33.4	1.980	2.951	6.1	19.5
5 1	14 32.21	−25 57.7	1.955	2.950	3.7	19.4
5 11	14 23.25	−25 10.4	1.957	2.949	4.6	19.4
5 21	14 15.26	−24 16.3	1.988	2.947	7.6	19.6
5 31	14 9.01	−23 21.5	2.043	2.946	10.8	19.8

399217 2014 GZ_{38} 4 30.7 337°.22 2°.6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.42	− 8 54.4	2.150	2.958	13.3	20.5
4 1	14 52.10	− 8 28.2	2.062	2.954	10.5	20.3
4 11	14 46.76	− 7 57.6	1.996	2.950	7.2	20.1
4 21	14 39.91	− 7 25.7	1.955	2.946	4.0	19.9
5 1	14 32.25	− 6 56.5	1.941	2.942	2.8	19.8
5 11	14 24.63	− 6 33.7	1.956	2.939	5.5	19.9
5 21	14 17.85	− 6 20.7	1.996	2.936	8.9	20.1
5 31	14 12.58	− 6 19.5	2.060	2.933	12.0	20.3

5261 Eureka 4 30.7 242°.84 11°.9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.32	−45 0.1	0.829	1.594	32.2	18.1
4 1	14 59.96	−44 53.0	0.751	1.588	29.0	17.8
4 11	14 54.94	−43 45.4	0.682	1.581	24.7	17.4
4 21	14 44.93	−41 19.7	0.626	1.573	19.4	17.0
5 1	14 32.09	−37 24.5	0.586	1.566	14.2	16.7
5 11	14 19.61	−32 10.1	0.567	1.558	11.9	16.6
5 21	14 10.24	−26 12.8	0.569	1.549	15.5	16.7
5 31	14 5.60	−20 21.6	0.592	1.540	21.7	17.0

423634 2005 WP_{202} 4 30.7 333°.09 4°.3/ 4.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.86	−29 39.0	1.787	2.545	17.5	20.4
4 1	14 54.03	−29 26.6	1.694	2.543	14.6	20.2
4 11	14 48.52	−28 52.2	1.620	2.541	11.2	20.0
4 21	14 40.93	−27 54.8	1.568	2.539	7.5	19.7
5 1	14 32.23	−26 36.2	1.542	2.537	4.6	19.6
5 11	14 23.64	−25 2.2	1.542	2.536	5.3	19.6
5 21	14 16.27	−23 21.3	1.569	2.534	8.7	19.8
5 31	14 10.99	−21 42.9	1.620	2.533	12.5	20.0

386224 2007 YY_{2} 4 30.7 16°.19 15°.4/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.89	+25 46.3	1.752	2.518	17.4	19.8
4 1	14 54.39	+27 18.0	1.718	2.525	16.3	19.8
4 11	14 48.42	+28 26.3	1.703	2.532	15.6	19.7
4 21	14 40.69	+29 2.7	1.706	2.541	15.4	19.7
5 1	14 32.24	+29 1.4	1.728	2.550	16.0	19.8
5 11	14 24.17	+28 21.3	1.769	2.560	17.0	19.9
5 21	14 17.43	+27 5.7	1.827	2.571	18.2	20.0
5 31	14 12.67	+25 20.1	1.900	2.583	19.5	20.1

111219 2001 WJ_{40} 4 30.7 216°.48 5°.0/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.27	− 1 21.2	2.389	3.185	12.5	20.2
4 1	14 55.67	− 0 32.5	2.295	3.176	10.0	20.1
4 11	14 49.12	+ 0 16.6	2.224	3.165	7.4	19.9
4 21	14 41.08	+ 1 1.6	2.180	3.155	5.4	19.7
5 1	14 32.23	+ 1 37.8	2.165	3.143	5.3	19.7
5 11	14 23.40	+ 2 1.1	2.177	3.131	7.3	19.8
5 21	14 15.34	+ 2 9.1	2.216	3.118	10.1	19.9
5 31	14 8.72	+ 2 0.7	2.279	3.104	12.7	20.1

373820 2002 WG_{29} 4 30.7 144°.64 0°.9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.91	−10 36.0	4.624	5.406	7.1	20.7
4 1	14 46.59	−10 24.6	4.529	5.408	5.5	20.6
4 11	14 42.38	−10 10.8	4.461	5.409	3.8	20.5
4 21	14 37.52	− 9 56.0	4.420	5.411	1.9	20.3
5 1	14 32.34	− 9 41.6	4.409	5.413	1.0	20.2
5 11	14 27.19	− 9 29.0	4.429	5.415	2.5	20.4
5 21	14 22.40	− 9 19.6	4.477	5.417	4.4	20.5
5 31	14 18.26	− 9 14.5	4.553	5.419	6.1	20.6

169582 2002 GB_{22} 4 30.7 311°.78 2°.0/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.22	−10 44.0	1.372	2.196	18.5	19.4
4 1	14 57.40	−10 46.9	1.281	2.182	14.9	19.2
4 11	14 51.35	−10 44.1	1.209	2.168	10.4	18.9
4 21	14 42.60	−10 38.1	1.160	2.154	5.4	18.5
5 1	14 32.19	−10 32.5	1.134	2.140	2.1	18.3
5 11	14 21.59	−10 31.8	1.134	2.127	6.7	18.5
5 21	14 12.27	−10 40.0	1.157	2.115	12.0	18.8
5 31	14 5.43	−11 0.3	1.201	2.103	16.8	19.0

191662 2004 PU_{102} 4 30.7 215°.57 5°.5/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 3.49	−33 38.6	2.665	3.359	13.7	21.0
4 1	14 58.54	−34 10.0	2.551	3.349	11.8	20.9
4 11	14 51.33	−34 26.8	2.458	3.339	9.6	20.7
4 21	14 42.30	−34 26.4	2.389	3.328	7.3	20.5
5 1	14 32.20	−34 7.6	2.347	3.316	5.7	20.4
5 11	14 22.00	−33 31.6	2.333	3.303	5.8	20.4
5 21	14 12.64	−32 42.1	2.346	3.290	7.6	20.5
5 31	14 4.91	−31 44.6	2.387	3.275	10.0	20.6

59025 1998 SX_{110} 4 30.7 141°.49 1°.3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.83	−16 15.8	1.600	2.403	17.3	20.1
4 1	14 57.04	−15 24.6	1.522	2.411	13.7	19.9
4 11	14 50.49	−14 18.9	1.465	2.418	9.4	19.7
4 21	14 41.87	−13 2.5	1.432	2.425	4.7	19.4
5 1	14 32.22	−11 41.6	1.425	2.432	1.4	19.2
5 11	14 22.79	−10 24.2	1.446	2.438	5.8	19.5
5 21	14 14.70	− 9 17.6	1.492	2.444	10.4	19.8
5 31	14 8.78	− 8 27.4	1.562	2.449	14.4	20.0

191758 2004 TV_{1} 4 30.7 149°.23 2°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.86	− 7 34.0	2.341	3.129	12.9	20.5
4 1	14 57.63	− 7 25.3	2.257	3.137	10.2	20.3
4 11	14 50.40	− 7 14.5	2.197	3.145	7.1	20.1
4 21	14 41.69	− 7 3.9	2.163	3.152	3.9	19.9
5 1	14 32.23	− 6 56.3	2.159	3.159	2.6	19.8
5 11	14 22.89	− 6 54.4	2.184	3.166	5.1	20.0
5 21	14 14.45	− 7 0.2	2.236	3.172	8.3	20.2
5 31	14 7.57	− 7 15.0	2.315	3.177	11.3	20.4

422901 2002 RY_{145} 4 30.7 245°.54 0°.4/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.25	−16 16.1	1.934	2.724	15.2	22.1
4 1	14 56.41	−15 55.9	1.829	2.710	12.2	21.9
4 11	14 50.08	−15 24.7	1.745	2.694	8.5	21.6
4 21	14 41.74	−14 44.0	1.686	2.679	4.3	21.4
5 1	14 32.22	−13 57.1	1.655	2.662	0.4	21.0
5 11	14 22.60	−13 8.9	1.651	2.645	4.9	21.3
5 21	14 13.93	−12 25.0	1.674	2.628	9.3	21.5
5 31	14 7.09	−11 50.3	1.721	2.610	13.2	21.7

425815 2011 DK_{23} 4 30.7 333°.76 1°.3/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.14	−18 47.5	1.555	2.362	17.5	21.1
4 1	14 53.78	−18 54.0	1.464	2.352	14.2	20.9
4 11	14 48.58	−18 47.7	1.392	2.342	10.1	20.6
4 21	14 41.08	−18 29.0	1.342	2.333	5.5	20.3
5 1	14 32.24	−18 0.2	1.318	2.325	1.3	20.0
5 11	14 23.33	−17 25.8	1.319	2.317	5.0	20.2
5 21	14 15.60	−16 51.8	1.344	2.310	9.9	20.5
5 31	14 10.04	−16 24.0	1.392	2.303	14.2	20.7

94067 2000 YS_{31} 4 30.7 204°.36 2°.4/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.35	−11 19.5	2.371	3.165	12.6	20.5
4 1	14 53.40	−10 22.0	2.276	3.161	9.9	20.3
4 11	14 47.56	− 9 16.6	2.204	3.155	6.8	20.1
4 21	14 40.29	− 8 6.9	2.159	3.150	3.7	19.9
5 1	14 32.28	− 6 57.7	2.143	3.143	2.6	19.8
5 11	14 24.31	− 5 54.4	2.156	3.136	5.3	20.0
5 21	14 17.14	− 5 1.3	2.196	3.129	8.6	20.2
5 31	14 11.39	− 4 21.8	2.262	3.121	11.6	20.4

489241 2006 QO_{184} 4 30.7 256°.96 1°.6/ 1.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.34	−20 30.0	2.308	3.079	13.6	22.4
4 1	14 54.48	−20 37.9	2.205	3.071	11.0	22.2
4 11	14 48.49	−20 35.7	2.124	3.062	7.9	22.0
4 21	14 40.85	−20 23.7	2.068	3.053	4.5	21.8
5 1	14 32.27	−20 2.8	2.040	3.045	1.6	21.6
5 11	14 23.64	−19 36.1	2.040	3.036	3.8	21.7
5 21	14 15.82	−19 7.2	2.067	3.027	7.4	21.9
5 31	14 9.55	−18 40.5	2.120	3.018	10.7	22.1

414451 2009 FN_{76} 4 30.7 318°.66 3°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.18	−10 59.6	1.439	2.265	17.7	21.0
4 1	14 54.61	−10 18.8	1.356	2.259	14.1	20.7
4 11	14 49.13	− 9 28.0	1.293	2.253	9.7	20.5
4 21	14 41.34	− 8 32.0	1.253	2.247	5.2	20.2
5 1	14 32.27	− 7 37.2	1.238	2.241	3.3	20.0
5 11	14 23.24	− 6 51.0	1.248	2.236	7.3	20.3
5 21	14 15.48	− 6 19.4	1.282	2.231	12.0	20.5
5 31	14 9.97	− 6 6.3	1.336	2.226	16.2	20.7

420475 2012 DZ_{97} 4 30.7 312°.74 6°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.32	− 1 18.0	1.420	2.243	18.1	20.2
4 1	14 59.66	− 1 9.2	1.331	2.228	14.7	19.9
4 11	14 52.81	− 1 3.9	1.262	2.213	10.8	19.6
4 21	14 43.31	− 1 7.5	1.215	2.199	7.2	19.4
5 1	14 32.22	− 1 25.4	1.193	2.185	6.2	19.3
5 11	14 20.99	− 2 1.2	1.196	2.172	9.3	19.4
5 21	14 11.03	− 2 55.9	1.222	2.159	13.6	19.6
5 31	14 3.51	− 4 8.2	1.270	2.146	17.7	19.8

269990 2000 VF_3 4 30.7 236°.40 0°.3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 2.81	−13 59.3	2.075	2.860	14.5	20.8
4 1	14 58.20	−14 11.3	1.974	2.852	11.6	20.6
4 11	14 51.20	−14 17.3	1.896	2.843	8.1	20.3
4 21	14 42.28	−14 18.4	1.843	2.834	4.1	20.1
5 1	14 32.26	−14 15.9	1.817	2.825	0.3	19.7
5 11	14 22.15	−14 12.7	1.821	2.815	4.5	20.0
5 21	14 12.95	−14 11.6	1.852	2.806	8.5	20.3
5 31	14 5.51	−14 15.6	1.908	2.795	12.2	20.5

62213 2000 SL_{63} 4 30.7 183°.58 1°.4/29.3 18

3 22	14 56.08	−12 0.6	2.654	3.443	11.5	19.8
4 1	14 52.18	−11 33.1	2.562	3.444	9.1	19.6
4 11	14 46.61	−10 59.9	2.493	3.443	6.2	19.4
4 21	14 39.79	−10 23.3	2.451	3.443	3.2	19.2
5 1	14 32.33	− 9 46.5	2.438	3.442	1.5	19.1
5 11	14 24.93	− 9 12.8	2.454	3.441	4.2	19.3
5 21	14 18.24	− 8 45.3	2.498	3.440	7.2	19.5
5 31	14 12.79	− 8 26.6	2.568	3.439	10.0	19.7

243843 2000 VT_{35} 4 30.7 252°.84 4°.9/ 4.9 17

3 22	15 1.90	−32 41.5	1.933	2.661	17.2	20.6
4 1	14 58.13	−32 17.9	1.814	2.641	14.7	20.3
4 11	14 51.50	−31 29.4	1.714	2.620	11.6	20.1
4 21	14 42.55	−30 13.2	1.636	2.598	8.1	19.8
5 1	14 32.25	−28 29.8	1.585	2.575	5.2	19.6
5 11	14 21.88	−26 24.6	1.561	2.552	5.7	19.6
5 21	14 12.66	−24 7.1	1.566	2.528	9.1	19.7
5 31	14 5.61	−21 49.1	1.597	2.503	13.1	19.9

61298 2000 OG_{46} 4 30.7 253°.47 4°.3/26.9 18

3 22	14 57.26	− 6 42.5	2.055	2.864	13.8	19.5
4 1	14 53.75	− 5 38.0	1.956	2.848	11.0	19.3
4 11	14 48.06	− 4 27.1	1.880	2.832	7.8	19.1
4 21	14 40.66	− 3 15.0	1.830	2.815	5.0	18.9
5 1	14 32.31	− 2 7.6	1.807	2.798	4.6	18.8
5 11	14 23.91	− 1 11.3	1.812	2.781	7.3	18.9
5 21	14 16.36	− 0 30.7	1.843	2.763	10.7	19.1
5 31	14 10.39	− 0 8.6	1.897	2.745	14.0	19.3

10698 Singer 4 30.7 45°.45 2°.0/ 1.9 18

3 22	14 59.71	−20 51.9	1.306	2.114	20.2	18.8
4 1	14 56.93	−20 57.3	1.237	2.124	16.3	18.6
4 11	14 50.86	−20 45.8	1.186	2.134	11.7	18.3
4 21	14 42.22	−20 17.5	1.156	2.145	6.5	18.1
5 1	14 32.29	−19 35.5	1.150	2.156	2.1	17.8
5 11	14 22.60	−18 45.9	1.169	2.168	5.5	18.1
5 21	14 14.53	−17 56.7	1.212	2.179	10.5	18.4
5 31	14 9.10	−17 15.2	1.276	2.192	15.0	18.7

324493 2006 UO_{233} 4 30.7 9°.97 1°.1/30.1 17

3 22	15 0.96	−12 40.5	1.522	2.335	17.6	21.2
4 1	14 57.44	−12 42.3	1.442	2.335	14.0	20.9
4 11	14 51.01	−12 36.9	1.381	2.336	9.7	20.7
4 21	14 42.28	−12 26.3	1.343	2.337	4.9	20.4
5 1	14 32.29	−12 13.5	1.331	2.338	1.2	20.1
5 11	14 22.36	−12 2.9	1.345	2.339	5.7	20.4
5 21	14 13.74	−11 58.5	1.384	2.341	10.5	20.7
5 31	14 7.38	−12 3.8	1.445	2.343	14.7	21.0

468171 2014 WS_{481} 4 30.7 103°.79 7°.8/23.5 17

3 22	14 57.89	+ 3 26.7	1.984	2.795	14.1	21.3
4 1	14 53.93	+ 5 6.7	1.929	2.812	11.6	21.2
4 11	14 47.92	+ 6 43.2	1.898	2.828	9.2	21.1
4 21	14 40.45	+ 8 8.6	1.892	2.845	7.9	21.0
5 1	14 32.35	+ 9 15.7	1.912	2.860	8.3	21.1
5 11	14 24.50	+ 9 59.7	1.958	2.876	10.2	21.2
5 21	14 17.69	+10 19.0	2.028	2.891	12.5	21.4
5 31	14 12.53	+10 14.2	2.118	2.906	14.8	21.6

382819 2003 VE_{11} 4 30.7 123°.12 1°.2/29.9 18

3 22	15 2.39	−11 14.6	2.250	3.036	13.4	20.9
4 1	14 57.42	−11 19.4	2.166	3.046	10.6	20.7
4 11	14 50.35	−11 20.2	2.106	3.055	7.3	20.5
4 21	14 41.73	−11 18.4	2.072	3.064	3.7	20.3
5 1	14 32.31	−11 16.1	2.066	3.072	1.2	20.1
5 11	14 23.01	−11 15.9	2.090	3.081	4.4	20.3
5 21	14 14.64	−11 20.0	2.142	3.089	7.9	20.6
5 31	14 7.88	−11 30.5	2.219	3.097	11.1	20.8

49766 1999 WS 4 30.7 312°.58 1°.0/ 1.3 18 R

3 22	14 57.73	−18 6.0	1.199	2.025	20.6	18.1
4 1	14 56.01	−18 11.8	1.112	2.012	16.7	17.8
4 11	14 50.74	−18 2.5	1.043	1.999	12.0	17.5
4 21	14 42.45	−17 38.3	0.993	1.986	6.4	17.2
5 1	14 32.28	−17 1.8	0.966	1.974	1.0	16.8
5 11	14 21.93	−16 19.2	0.963	1.962	6.2	17.1
5 21	14 13.05	−15 38.5	0.982	1.951	12.1	17.3
5 31	14 6.98	−15 7.7	1.021	1.940	17.5	17.6

431940 2008 TF_{177} 4 30.7 300°.38 6°.2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.80	− 4 48.0	1.720	2.548	15.2	20.9
4 1	14 51.47	− 3 12.1	1.627	2.529	12.2	20.7
4 11	14 46.74	− 1 28.2	1.556	2.510	9.0	20.5
4 21	14 40.09	+ 0 16.4	1.510	2.491	6.5	20.3
5 1	14 32.36	+ 1 52.3	1.490	2.472	6.8	20.2
5 11	14 24.57	+ 3 10.7	1.496	2.453	9.7	20.4
5 21	14 17.74	+ 4 5.6	1.526	2.435	13.3	20.5
5 31	14 12.70	+ 4 33.7	1.576	2.417	16.7	20.7

348941 2006 TV_{76} 4 30.7 185°.67 3°.4/ 3.9 17

3 22	14 59.04	−27 40.7	2.794	3.524	12.4	21.7
4 1	14 54.68	−27 56.5	2.692	3.523	10.3	21.5
4 11	14 48.44	−28 0.3	2.612	3.523	7.9	21.4
4 21	14 40.78	−27 51.3	2.557	3.522	5.4	21.2
5 1	14 32.35	−27 29.9	2.530	3.521	3.5	21.1
5 11	14 23.92	−26 58.0	2.532	3.519	4.1	21.1
5 21	14 16.23	−26 19.2	2.562	3.517	6.4	21.3
5 31	14 9.93	−25 37.8	2.618	3.515	9.0	21.4

95287 2002 CN_{84} 4 30.7 206°.75 1°.4/29.7 18

3 22	14 58.56	−13 21.2	2.106	2.901	14.0	20.6
4 1	14 54.68	−12 52.8	2.013	2.898	11.0	20.4
4 11	14 48.63	−12 16.1	1.943	2.894	7.6	20.2
4 21	14 40.93	−11 33.8	1.898	2.890	3.8	20.0
5 1	14 32.34	−10 49.6	1.880	2.886	1.5	19.8
5 11	14 23.80	−10 8.3	1.891	2.882	4.9	20.0
5 21	14 16.16	− 9 34.0	1.930	2.877	8.7	20.2
5 31	14 10.15	− 9 10.3	1.992	2.872	12.1	20.4

65476 2003 AU_{29} 4 30.7 126°.12 1°.4/ 1.6 18

3 22	15 1.58	−20 23.0	1.472	2.269	18.8	20.0
4 1	14 58.10	−20 13.7	1.393	2.275	15.2	19.7
4 11	14 51.54	−19 48.0	1.333	2.280	10.8	19.5
4 21	14 42.55	−19 6.9	1.296	2.285	5.9	19.2
5 1	14 32.30	−18 13.6	1.283	2.290	1.4	18.9
5 11	14 22.21	−17 14.5	1.297	2.295	5.2	19.2
5 21	14 13.58	−16 17.3	1.336	2.299	10.2	19.5
5 31	14 7.38	−15 29.1	1.397	2.303	14.6	19.8

98313 2000 SP_{258} 4 30.7 109°.37 3°.6/28.3 18

3 22	15 2.66	− 8 27.8	1.700	2.508	16.2	20.2
4 1	14 58.09	− 7 41.5	1.635	2.526	12.8	20.0
4 11	14 51.00	− 6 49.9	1.591	2.544	8.8	19.8
4 21	14 42.08	− 5 57.7	1.572	2.562	5.0	19.6
5 1	14 32.32	− 5 10.8	1.580	2.579	3.8	19.6
5 11	14 22.89	− 4 34.7	1.615	2.595	6.9	19.8
5 21	14 14.75	− 4 13.2	1.676	2.611	10.7	20.1
5 31	14 8.65	− 4 8.1	1.760	2.626	14.1	20.3

216573 2002 CJ_{253} 4 30.7 304°.75 0°.9/ 1.6 17

3 22	14 54.72	−20 31.7	2.313	3.091	13.4	20.5
4 1	14 51.53	−20 6.5	2.216	3.088	10.7	20.4
4 11	14 46.39	−19 29.0	2.142	3.084	7.6	20.1
4 21	14 39.78	−18 40.6	2.092	3.081	4.1	19.9
5 1	14 32.39	−17 44.1	2.070	3.077	0.9	19.7
5 11	14 25.05	−16 44.2	2.077	3.074	3.7	19.9
5 21	14 18.53	−15 45.6	2.111	3.070	7.3	20.1
5 31	14 13.48	−14 53.3	2.171	3.067	10.5	20.3

250982 2006 JX_{57} 4 30.7 314°.67 3°.6/28.9 18

3 22	14 57.77	− 8 58.3	1.300	2.135	18.8	19.9
4 1	14 55.62	− 8 38.7	1.210	2.117	15.1	19.6
4 11	14 50.24	− 8 12.6	1.139	2.100	10.6	19.3
4 21	14 42.12	− 7 44.0	1.089	2.083	5.8	18.9
5 1	14 32.32	− 7 18.9	1.063	2.066	3.8	18.8
5 11	14 22.32	− 7 3.6	1.061	2.050	7.9	18.9
5 21	14 13.60	− 7 3.2	1.081	2.035	13.1	19.2
5 31	14 7.37	− 7 20.7	1.122	2.020	17.9	19.4

231344 2006 EZ_{49} 4 30.7 169°.70 0°.3/30.9 17

3 22	15 0.06	−16 42.8	2.093	2.878	14.4	21.2
4 1	14 55.92	−16 41.2	2.003	2.879	11.5	21.0
4 11	14 49.52	−16 30.8	1.935	2.881	8.0	20.8
4 21	14 41.40	−16 12.6	1.891	2.882	4.1	20.6
5 1	14 32.35	−15 48.8	1.875	2.883	0.3	20.2
5 11	14 23.36	−15 23.0	1.888	2.884	4.2	20.6
5 21	14 15.32	−14 59.0	1.928	2.884	8.1	20.8
5 31	14 8.99	−14 40.8	1.992	2.884	11.5	21.0

90987 1997 XM_{11} 4 30.7 141°.04 0°.9/30.2 18

3 22	15 4.97	−13 28.7	1.785	2.578	16.2	20.0
4 1	15 0.04	−13 22.7	1.706	2.588	12.8	19.8
4 11	14 52.48	−13 9.1	1.648	2.597	8.9	19.6
4 21	14 42.91	−12 49.7	1.614	2.607	4.4	19.3
5 1	14 32.32	−12 27.6	1.608	2.615	1.0	19.1
5 11	14 21.90	−12 6.9	1.630	2.623	5.1	19.4
5 21	14 12.71	−11 51.6	1.679	2.630	9.4	19.6
5 31	14 5.61	−11 45.2	1.752	2.637	13.2	19.9

286814 2002 LV_{28} 4 30.8 310°.42 4°.7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 53.73	−27 58.7	1.386	2.177	20.1	20.2
4 1	14 52.77	−27 58.2	1.275	2.146	17.0	19.9
4 11	14 48.53	−27 32.4	1.181	2.116	13.1	19.6
4 21	14 41.40	−26 37.7	1.108	2.086	8.7	19.2
5 1	14 32.37	−25 13.7	1.057	2.056	5.0	18.9
5 11	14 22.95	−23 26.2	1.030	2.027	6.3	18.9
5 21	14 14.75	−21 26.0	1.026	1.998	11.3	19.1
5 31	14 9.12	−19 27.1	1.044	1.970	16.5	19.3

353879 2012 WF_{28} 4 30.8 133°.23 2°.2/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.08	−25 1.0	2.548	3.298	13.0	21.1
4 1	14 53.17	−24 46.5	2.456	3.306	10.6	20.9
4 11	14 47.39	−24 18.8	2.387	3.314	7.8	20.7
4 21	14 40.24	−23 38.4	2.343	3.322	4.7	20.6
5 1	14 32.42	−22 47.4	2.328	3.329	2.3	20.4
5 11	14 24.71	−21 49.3	2.341	3.336	3.6	20.5
5 21	14 17.84	−20 48.8	2.382	3.342	6.5	20.7
5 31	14 12.41	−19 50.9	2.450	3.349	9.4	20.9

20302 Kevinwang 4 30.8 37°.61 4°.3/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.16	−26 24.0	1.443	2.228	19.7	18.0
4 1	14 56.46	−26 37.7	1.365	2.232	16.3	17.8
4 11	14 50.57	−26 30.9	1.304	2.237	12.3	17.6
4 21	14 42.15	−26 2.1	1.264	2.241	7.9	17.3
5 1	14 32.37	−25 12.3	1.248	2.246	4.5	17.1
5 11	14 22.73	−24 7.2	1.256	2.252	5.8	17.2
5 21	14 14.59	−22 55.3	1.290	2.257	10.0	17.5
5 31	14 8.99	−21 45.9	1.346	2.263	14.2	17.7

479159 2013 CL_{14} 4 30.8 229°.18 3°.4/ 3.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.11	−27 4.8	2.688	3.424	12.7	21.5
4 1	14 54.08	−27 23.6	2.583	3.419	10.6	21.3
4 11	14 48.13	−27 30.6	2.499	3.413	8.1	21.1
4 21	14 40.69	−27 24.9	2.441	3.408	5.5	20.9
5 1	14 32.41	−27 6.7	2.410	3.402	3.5	20.8
5 11	14 24.10	−26 38.0	2.408	3.396	4.2	20.8
5 21	14 16.53	−26 2.2	2.433	3.390	6.6	21.0
5 31	14 10.35	−25 23.7	2.485	3.384	9.3	21.1

497945 2006 WK_{146} 4 30.8 146°.37 3°.1/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.38	− 4 51.4	2.938	3.729	10.5	22.3
4 1	14 52.93	− 4 22.1	2.857	3.738	8.3	22.1
4 11	14 46.98	− 3 51.8	2.801	3.747	5.8	22.0
4 21	14 39.97	− 3 23.3	2.772	3.755	3.7	21.8
5 1	14 32.44	− 2 59.5	2.772	3.763	3.2	21.8
5 11	14 25.01	− 2 43.2	2.802	3.771	5.0	21.9
5 21	14 18.25	− 2 36.1	2.860	3.778	7.4	22.1
5 31	14 12.64	− 2 39.4	2.943	3.785	9.7	22.3

163119 Timmckay 4 30.8 296°.18 2°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.83	−20 10.7	1.431	2.234	19.0	20.4
4 1	14 57.09	−20 22.3	1.341	2.225	15.5	20.1
4 11	14 51.16	−20 19.4	1.268	2.216	11.2	19.8
4 21	14 42.56	−20 1.4	1.218	2.207	6.3	19.5
5 1	14 32.37	−19 29.8	1.192	2.198	2.0	19.2
5 11	14 22.07	−18 49.7	1.191	2.189	5.5	19.4
5 21	14 13.09	−18 7.6	1.214	2.181	10.6	19.7
5 31	14 6.61	−17 31.1	1.259	2.172	15.3	19.9

35503 1998 FT_{42} 4 30.8 164°.77 3°.4/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.88	−27 27.8	2.781	3.510	12.5	19.4
4 1	14 55.34	−27 47.2	2.683	3.514	10.4	19.2
4 11	14 48.91	−27 55.0	2.607	3.517	7.9	19.1
4 21	14 41.05	−27 50.2	2.556	3.521	5.4	18.9
5 1	14 32.42	−27 32.9	2.533	3.523	3.5	18.8
5 11	14 23.82	−27 5.3	2.539	3.526	4.1	18.8
5 21	14 15.98	−26 30.6	2.573	3.528	6.4	19.0
5 31	14 9.54	−25 53.2	2.635	3.530	8.9	19.1

420726 2012 QH_{21} 4 30.8 218°.30 0°.4/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.48	−14 53.1	4.754	5.528	7.0	21.8
4 1	14 45.54	−14 28.9	4.652	5.525	5.5	21.7
4 11	14 41.72	−14 0.5	4.576	5.522	3.8	21.6
4 21	14 37.28	−13 29.1	4.527	5.519	1.9	21.4
5 1	14 32.53	−12 56.5	4.509	5.516	0.4	21.3
5 11	14 27.80	−12 24.3	4.521	5.513	2.2	21.4
5 21	14 23.41	−11 54.3	4.562	5.509	4.1	21.6
5 31	14 19.65	−11 28.2	4.631	5.506	5.8	21.7

212681 2006 VP_{99} 4 30.8 136°.87 2°.0/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.71	−10 11.2	2.405	3.202	12.4	21.0
4 1	14 52.86	− 9 46.1	2.319	3.205	9.7	20.8
4 11	14 47.19	− 9 16.2	2.256	3.208	6.7	20.6
4 21	14 40.17	− 8 44.3	2.219	3.210	3.5	20.4
5 1	14 32.46	− 8 13.7	2.210	3.213	2.1	20.3
5 11	14 24.83	− 7 48.0	2.230	3.216	4.8	20.5
5 21	14 17.99	− 7 30.0	2.278	3.218	7.9	20.7
5 31	14 12.52	− 7 22.0	2.350	3.221	10.8	20.9

87231 2000 OB_{43} 4 30.8 195°.24 5°.5/ 5.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 2.69	−33 7.3	2.437	3.143	14.6	19.7
4 1	14 58.07	−33 32.5	2.334	3.140	12.5	19.6
4 11	14 51.10	−33 41.7	2.250	3.137	10.1	19.4
4 21	14 42.27	−33 32.4	2.189	3.133	7.5	19.2
5 1	14 32.41	−33 3.8	2.155	3.129	5.7	19.1
5 11	14 22.53	−32 17.8	2.149	3.124	5.8	19.1
5 21	14 13.60	−31 19.0	2.170	3.119	7.8	19.2
5 31	14 6.44	−30 13.7	2.218	3.113	10.4	19.4

498706 2008 TF_{60} 4 30.8 199°.68 0°.7/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.75	−18 33.9	2.322	3.096	13.5	22.6
4 1	14 55.51	−18 26.8	2.224	3.093	10.8	22.4
4 11	14 49.18	−18 10.0	2.148	3.090	7.6	22.2
4 21	14 41.25	−17 44.3	2.097	3.086	4.0	21.9
5 1	14 32.44	−17 11.8	2.074	3.082	0.7	21.7
5 11	14 23.66	−16 35.9	2.081	3.077	3.8	21.9
5 21	14 15.71	−16 0.7	2.115	3.072	7.5	22.1
5 31	14 9.31	−15 30.4	2.175	3.066	10.8	22.3

334848 2003 UN_{43} 4 30.8 197°.02 0°.5/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.43	−15 24.8	2.227	3.014	13.5	21.8
4 1	14 54.49	−15 7.2	2.133	3.012	10.8	21.6
4 11	14 48.48	−14 41.1	2.062	3.010	7.4	21.4
4 21	14 40.89	−14 8.3	2.016	3.008	3.7	21.2
5 1	14 32.46	−13 31.6	1.999	3.006	0.5	20.9
5 11	14 24.07	−12 55.2	2.010	3.003	4.2	21.2
5 21	14 16.54	−12 22.9	2.048	3.001	7.9	21.4
5 31	14 10.57	−11 58.4	2.112	2.997	11.3	21.6

200473 2000 XW_{33} 4 30.8 168°.06 14°.1/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 12.48	−46 42.3	1.477	2.141	24.1	20.1
4 1	15 8.65	−48 4.6	1.396	2.145	22.0	19.9
4 11	15 0.07	−48 57.4	1.328	2.149	19.6	19.8
4 21	14 47.38	−49 10.2	1.275	2.153	17.0	19.6
5 1	14 32.29	−48 34.4	1.242	2.155	15.0	19.5
5 11	14 17.30	−47 9.5	1.229	2.156	14.1	19.4
5 21	14 4.72	−45 4.3	1.238	2.157	14.9	19.5
5 31	13 56.17	−42 34.7	1.268	2.157	17.0	19.6

508231 2015 HN_{6} 4 30.8 349°.27 3°.5/ 3.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.26	−26 16.8	1.745	2.522	17.1	21.1
4 1	14 52.84	−26 13.7	1.655	2.518	14.2	20.9
4 11	14 47.79	−25 51.8	1.583	2.515	10.6	20.7
4 21	14 40.69	−25 10.6	1.534	2.512	6.7	20.4
5 1	14 32.46	−24 12.0	1.510	2.510	3.7	20.2
5 11	14 24.29	−23 1.1	1.512	2.508	4.9	20.3
5 21	14 17.27	−21 45.3	1.540	2.507	8.7	20.5
5 31	14 12.27	−20 32.5	1.591	2.506	12.6	20.8

204364 2004 TE_{36} 4 30.8 225°.35 1°.2/ 1.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.14	−19 34.5	1.559	2.355	18.0	21.1
4 1	14 57.74	−19 30.6	1.470	2.352	14.6	20.8
4 11	14 51.36	−19 12.2	1.401	2.348	10.4	20.5
4 21	14 42.57	−18 39.9	1.354	2.344	5.6	20.3
5 1	14 32.42	−17 56.1	1.333	2.340	1.2	19.9
5 11	14 22.28	−17 6.5	1.338	2.336	5.1	20.2
5 21	14 13.43	−16 17.9	1.368	2.331	10.0	20.5
5 31	14 6.89	−15 36.8	1.422	2.327	14.4	20.7

210198 2007 PR_{24} 4 30.8 236°.52 5°.0/ 3.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.57	−27 59.6	1.800	2.552	17.6	21.0
4 1	14 59.66	−28 27.2	1.696	2.541	14.8	20.8
4 11	14 52.75	−28 38.0	1.611	2.528	11.4	20.6
4 21	14 43.34	−28 29.1	1.548	2.516	7.9	20.3
5 1	14 32.40	−27 59.4	1.510	2.503	5.2	20.1
5 11	14 21.28	−27 11.5	1.499	2.489	6.0	20.1
5 21	14 11.31	−26 11.5	1.515	2.475	9.5	20.3
5 31	14 3.60	−25 7.6	1.554	2.460	13.4	20.5

269989 2000 UX_{97} 4 30.8 149°.00 1°.6/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.04	−20 49.2	2.343	3.104	13.7	21.3
4 1	14 57.23	−20 56.8	2.254	3.113	11.1	21.1
4 11	14 50.31	−20 54.2	2.187	3.122	7.9	20.9
4 21	14 41.79	−20 41.4	2.145	3.129	4.5	20.7
5 1	14 32.45	−20 19.9	2.132	3.137	1.7	20.5
5 11	14 23.19	−19 52.4	2.148	3.143	3.8	20.7
5 21	14 14.85	−19 22.8	2.192	3.149	7.2	20.9
5 31	14 8.14	−18 55.3	2.262	3.155	10.3	21.1

160749 2000 SZ_{74} 4 30.8 186°.06 0°.9/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.02	−14 20.6	1.995	2.782	14.9	21.3
4 1	14 58.36	−14 0.7	1.903	2.782	11.9	21.0
4 11	14 51.29	−13 32.0	1.833	2.782	8.2	20.8
4 21	14 42.36	−12 56.6	1.788	2.780	4.1	20.6
5 1	14 32.43	−12 17.8	1.771	2.778	1.0	20.3
5 11	14 22.55	−11 40.2	1.783	2.775	4.9	20.6
5 21	14 13.70	−11 8.3	1.823	2.772	9.0	20.8
5 31	14 6.69	−10 46.1	1.886	2.767	12.6	21.0

332779 2009 VX_{37} 4 30.8 229°.78 1°.9/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.33	−10 36.7	2.099	2.893	14.0	21.0
4 1	14 56.96	−10 23.5	2.000	2.884	11.1	20.8
4 11	14 50.32	−10 5.3	1.924	2.875	7.7	20.6
4 21	14 41.89	− 9 44.1	1.873	2.865	4.0	20.3
5 1	14 32.44	− 9 23.3	1.850	2.855	2.0	20.2
5 11	14 22.96	− 9 6.5	1.856	2.844	5.2	20.3
5 21	14 14.36	− 8 57.0	1.889	2.833	9.0	20.5
5 31	14 7.43	− 8 57.4	1.946	2.821	12.5	20.7

136198 2003 UJ_{296} 4 30.8 307°.11 0°.3/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.40	−15 59.0	1.946	2.742	14.9	20.4
4 1	14 54.02	−15 41.9	1.855	2.740	11.9	20.1
4 11	14 48.35	−15 14.9	1.787	2.737	8.2	19.9
4 21	14 40.89	−14 39.8	1.742	2.735	4.1	19.7
5 1	14 32.47	−13 59.9	1.725	2.732	0.4	19.4
5 11	14 24.10	−13 19.9	1.735	2.730	4.6	19.7
5 21	14 16.70	−12 44.4	1.772	2.728	8.7	19.9
5 31	14 11.06	−12 17.7	1.833	2.726	12.3	20.1

124729 2001 SB_{173} 4 30.8 200°.86 1°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 48.35	−10 26.9	4.890	5.674	6.7	20.4
4 1	14 45.40	−10 0.5	4.793	5.672	5.2	20.3
4 11	14 41.62	− 9 31.5	4.721	5.670	3.6	20.2
4 21	14 37.24	− 9 1.4	4.677	5.668	1.9	20.0
5 1	14 32.57	− 8 31.7	4.664	5.666	1.2	20.0
5 11	14 27.92	− 8 4.4	4.680	5.664	2.6	20.1
5 21	14 23.60	− 7 40.8	4.726	5.661	4.3	20.2
5 31	14 19.88	− 7 22.3	4.799	5.659	5.9	20.3

171474 5064 T-3 4 30.8 203°.95 3°.5/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.73	− 7 44.8	1.872	2.676	15.1	20.8
4 1	14 57.46	− 7 11.2	1.784	2.673	12.0	20.6
4 11	14 50.74	− 6 32.9	1.717	2.669	8.4	20.4
4 21	14 42.11	− 5 53.9	1.675	2.665	4.8	20.2
5 1	14 32.45	− 5 19.0	1.661	2.660	3.7	20.1
5 11	14 22.83	− 4 53.2	1.674	2.654	6.7	20.2
5 21	14 14.25	− 4 40.0	1.714	2.648	10.5	20.4
5 31	14 7.53	− 4 41.8	1.776	2.642	14.0	20.7

201648 2003 SF_{430} 4 30.8 286°.78 1°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.18	−14 29.8	1.972	2.771	14.6	20.6
4 1	14 53.78	−14 4.2	1.883	2.770	11.6	20.4
4 11	14 48.13	−13 29.3	1.816	2.768	8.0	20.2
4 21	14 40.77	−12 47.6	1.774	2.767	4.0	19.9
5 1	14 32.49	−12 3.0	1.759	2.765	1.1	19.7
5 11	14 24.27	−11 20.3	1.771	2.764	4.8	20.0
5 21	14 17.02	−10 44.1	1.810	2.762	8.8	20.2
5 31	14 11.47	−10 18.5	1.873	2.761	12.4	20.4

17627 Humptydumpty 4 30.8 105°.09 0°.4/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.64	−15 38.8	2.563	3.345	12.1	18.4
4 1	14 52.67	−15 18.0	2.482	3.358	9.5	18.2
4 11	14 46.98	−14 49.8	2.424	3.371	6.6	18.1
4 21	14 40.04	−14 15.9	2.392	3.383	3.3	17.9
5 1	14 32.51	−13 39.1	2.388	3.396	0.4	17.6
5 11	14 25.11	−13 2.8	2.414	3.408	3.6	17.9
5 21	14 18.49	−12 30.5	2.468	3.420	6.8	18.1
5 31	14 13.20	−12 5.1	2.548	3.431	9.7	18.3

313614 2003 QX_{65} 4 30.8 177°.37 1°.1/29.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.28	−14 4.6	2.119	2.904	14.2	21.8
4 1	14 57.57	−13 36.1	2.028	2.906	11.3	21.5
4 11	14 50.63	−12 59.0	1.960	2.908	7.8	21.3
4 21	14 41.99	−12 15.6	1.917	2.910	3.9	21.1
5 1	14 32.47	−11 29.5	1.904	2.910	1.2	20.9
5 11	14 23.02	−10 45.6	1.919	2.910	4.8	21.1
5 21	14 14.56	−10 8.1	1.962	2.908	8.6	21.4
5 31	14 7.81	− 9 40.9	2.030	2.906	12.0	21.6

436715 2011 UG_{83} 4 30.8 283°.19 2°.2/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.96	−24 7.9	2.317	3.080	13.8	21.3
4 1	14 52.75	−23 54.1	2.202	3.060	11.3	21.0
4 11	14 47.44	−23 26.1	2.108	3.040	8.3	20.8
4 21	14 40.46	−22 43.7	2.038	3.019	5.0	20.6
5 1	14 32.50	−21 48.8	1.996	2.999	2.3	20.3
5 11	14 24.46	−20 45.3	1.982	2.978	3.9	20.4
5 21	14 17.19	−19 38.3	1.996	2.958	7.4	20.6
5 31	14 11.45	−18 33.9	2.035	2.937	10.9	20.8

56835 2000 QM_{36} 4 30.8 29°.12 8°.3/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.92	−34 23.9	1.618	2.356	19.7	18.5
4 1	14 57.95	−35 24.2	1.538	2.361	17.1	18.3
4 11	14 51.72	−36 3.2	1.474	2.366	14.0	18.1
4 21	14 42.83	−36 16.1	1.431	2.372	10.9	17.9
5 1	14 32.45	−35 59.9	1.410	2.378	8.7	17.8
5 11	14 22.11	−35 17.0	1.413	2.385	8.6	17.8
5 21	14 13.25	−34 13.9	1.440	2.392	10.7	18.0
5 31	14 6.99	−33 0.2	1.490	2.399	13.6	18.2

328259 2008 FV_{136} 4 30.8 352°.59 2°.9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.33	− 9 44.2	1.660	2.475	16.3	20.2
4 1	14 55.87	− 9 17.2	1.579	2.474	12.9	20.0
4 11	14 49.78	− 8 44.0	1.518	2.474	8.9	19.8
4 21	14 41.67	− 8 8.3	1.481	2.473	4.8	19.5
5 1	14 32.48	− 7 35.1	1.471	2.473	3.0	19.4
5 11	14 23.37	− 7 9.4	1.487	2.473	6.5	19.6
5 21	14 15.43	− 6 55.5	1.527	2.473	10.7	19.9
5 31	14 9.50	− 6 56.1	1.591	2.473	14.5	20.1

388764 2007 XQ_{53} 4 30.8 178°.42 2°.1/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.18	− 9 34.4	2.650	3.441	11.5	21.6
4 1	14 53.07	− 9 7.7	2.560	3.443	9.1	21.4
4 11	14 47.27	− 8 36.9	2.493	3.443	6.2	21.3
4 21	14 40.22	− 8 4.6	2.453	3.444	3.4	21.1
5 1	14 32.53	− 7 33.8	2.442	3.444	2.2	21.0
5 11	14 24.90	− 7 7.9	2.461	3.444	4.6	21.1
5 21	14 17.98	− 6 49.4	2.507	3.443	7.5	21.3
5 31	14 12.32	− 6 40.5	2.578	3.442	10.2	21.5

303776 2005 QM_{183} 4 30.8 306°.70 7°.1/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.57	+ 1 54.3	2.026	2.844	13.6	20.6
4 1	14 51.67	+ 3 6.3	1.938	2.827	11.2	20.4
4 11	14 46.67	+ 4 17.7	1.872	2.810	8.8	20.2
4 21	14 40.05	+ 5 21.9	1.830	2.794	7.2	20.1
5 1	14 32.54	+ 6 12.3	1.815	2.778	7.6	20.1
5 11	14 25.01	+ 6 43.4	1.825	2.762	9.6	20.1
5 21	14 18.30	+ 6 52.5	1.859	2.747	12.4	20.3
5 31	14 13.14	+ 6 38.9	1.914	2.731	15.1	20.4

89862 2002 CM_{125} 4 30.8 293°.02 0°.6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.59	−18 34.7	2.335	3.117	13.1	19.9
4 1	14 52.27	−18 22.2	2.235	3.109	10.5	19.7
4 11	14 46.97	−17 59.7	2.157	3.102	7.4	19.5
4 21	14 40.17	−17 28.3	2.104	3.094	3.9	19.2
5 1	14 32.54	−16 50.3	2.079	3.086	0.6	18.9
5 11	14 24.90	−16 9.5	2.082	3.079	3.7	19.2
5 21	14 18.04	−15 30.0	2.113	3.071	7.3	19.4
5 31	14 12.64	−14 56.0	2.169	3.064	10.6	19.6

349053 2006 WB_{40} 4 30.8 64°.18 0°.9/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 54.57	−15 37.3	2.286	3.079	13.1	20.6
4 1	14 51.33	−14 53.2	2.200	3.084	10.3	20.4
4 11	14 46.22	−13 59.4	2.138	3.089	7.0	20.2
4 21	14 39.73	−12 58.7	2.101	3.094	3.5	20.0
5 1	14 32.56	−11 55.2	2.092	3.099	1.0	19.8
5 11	14 25.50	−10 53.9	2.112	3.104	4.3	20.1
5 21	14 19.28	− 9 59.6	2.160	3.109	7.8	20.3
5 31	14 14.50	− 9 15.9	2.232	3.114	10.9	20.5

258300 2001 UK_{100} 4 30.8 68°.81 1°.8/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.11	−11 25.6	1.653	2.457	16.8	20.2
4 1	14 58.54	−11 14.0	1.593	2.482	13.2	20.1
4 11	14 51.37	−10 56.2	1.554	2.507	9.0	19.9
4 21	14 42.35	−10 35.0	1.539	2.532	4.5	19.6
5 1	14 32.50	−10 14.2	1.551	2.556	1.9	19.5
5 11	14 23.02	− 9 58.1	1.590	2.581	5.5	19.8
5 21	14 14.92	− 9 50.1	1.655	2.605	9.6	20.1
5 31	14 8.92	− 9 52.6	1.744	2.629	13.2	20.4

140375 2001 TN_{36} 4 30.8 129°.36 1°.9/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.62	−21 11.6	2.453	3.215	13.1	19.8
4 1	14 55.30	−21 27.2	2.362	3.221	10.6	19.6
4 11	14 48.99	−21 33.2	2.292	3.226	7.7	19.4
4 21	14 41.16	−21 29.7	2.248	3.231	4.5	19.2
5 1	14 32.53	−21 17.4	2.232	3.236	1.9	19.0
5 11	14 23.94	−20 58.9	2.245	3.240	3.7	19.2
5 21	14 16.18	−20 37.3	2.286	3.245	6.8	19.4
5 31	14 9.92	−20 16.5	2.353	3.249	9.8	19.6

107145 2001 BA_{8} 4 30.8 121°.27 0°.8/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.11	−14 3.0	2.057	2.848	14.4	19.9
4 1	14 55.91	−13 52.2	1.974	2.856	11.4	19.7
4 11	14 49.50	−13 34.0	1.913	2.863	7.8	19.4
4 21	14 41.44	−13 10.2	1.878	2.870	3.9	19.2
5 1	14 32.53	−12 43.8	1.870	2.877	0.8	19.0
5 11	14 23.73	−12 18.6	1.891	2.884	4.5	19.3
5 21	14 15.93	−11 58.3	1.939	2.891	8.3	19.5
5 31	14 9.84	−11 46.1	2.011	2.897	11.7	19.7

417831 2007 FP_{49} 4 30.8 347°.37 9°.9/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.79	+ 6 2.9	1.550	2.376	16.7	20.1
4 1	14 53.96	+ 7 20.7	1.482	2.371	14.0	19.9
4 11	14 48.50	+ 8 32.3	1.435	2.367	11.5	19.8
4 21	14 41.04	+ 9 28.9	1.411	2.364	10.0	19.7
5 1	14 32.54	+10 2.0	1.410	2.361	10.4	19.7
5 11	14 24.18	+10 6.4	1.431	2.359	12.5	19.8
5 21	14 17.02	+ 9 41.2	1.475	2.357	15.3	19.9
5 31	14 11.88	+ 8 48.5	1.537	2.356	18.1	20.1

336398 2008 UM_{117} 4 30.8 230°.39 2°.1/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.03	−20 48.2	2.037	2.810	15.1	21.3
4 1	14 56.95	−21 10.3	1.942	2.808	12.3	21.1
4 11	14 50.44	−21 22.0	1.869	2.806	8.9	20.9
4 21	14 42.02	−21 22.7	1.820	2.804	5.2	20.7
5 1	14 32.52	−21 13.1	1.799	2.802	2.2	20.5
5 11	14 22.99	−20 55.9	1.805	2.800	4.3	20.6
5 21	14 14.44	−20 34.8	1.838	2.798	8.1	20.8
5 31	14 7.71	−20 14.6	1.896	2.796	11.6	21.0

196646 2003 SY_{23} 4 30.8 208°.86 0°.9/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.78	−15 0.3	2.434	3.218	12.6	20.9
4 1	14 53.81	−14 27.8	2.335	3.213	10.0	20.7
4 11	14 47.94	−13 46.5	2.259	3.207	6.9	20.5
4 21	14 40.64	−12 58.8	2.209	3.201	3.4	20.3
5 1	14 32.56	−12 7.9	2.188	3.194	0.9	20.1
5 11	14 24.50	−11 18.2	2.196	3.187	4.2	20.3
5 21	14 17.21	−10 33.8	2.232	3.179	7.6	20.5
5 31	14 11.34	− 9 58.3	2.293	3.171	10.8	20.7

275252 2009 XM_{20} 4 30.8 112°.13 2°.9/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.71	− 9 0.9	2.057	2.860	14.0	20.8
4 1	14 54.69	− 8 20.1	1.982	2.871	11.0	20.7
4 11	14 48.57	− 7 34.4	1.929	2.882	7.6	20.5
4 21	14 40.93	− 6 47.4	1.903	2.893	4.2	20.3
5 1	14 32.55	− 6 3.9	1.904	2.903	3.1	20.2
5 11	14 24.35	− 5 28.3	1.933	2.913	5.8	20.4
5 21	14 17.13	− 5 4.3	1.988	2.923	9.2	20.6
5 31	14 11.55	− 4 53.9	2.067	2.933	12.3	20.8

246607 2008 VB_{25} 4 30.8 130°.23 1°.2/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.55	−14 9.0	2.108	2.904	13.9	21.5
4 1	14 53.83	−13 34.5	2.024	2.909	11.0	21.3
4 11	14 48.04	−12 51.2	1.963	2.914	7.5	21.1
4 21	14 40.69	−12 1.8	1.927	2.920	3.8	20.9
5 1	14 32.56	−11 10.5	1.919	2.925	1.3	20.7
5 11	14 24.55	−10 22.2	1.939	2.929	4.7	21.0
5 21	14 17.48	− 9 41.2	1.986	2.934	8.4	21.2
5 31	14 12.01	− 9 11.2	2.057	2.938	11.7	21.4

330068 2005 VS_{38} 4 30.8 247°.15 2°.7/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.72	− 9 7.4	2.141	2.937	13.7	22.1
4 1	14 56.52	− 8 38.2	2.035	2.920	10.9	21.9
4 11	14 50.07	− 8 3.5	1.951	2.902	7.6	21.6
4 21	14 41.83	− 7 26.5	1.893	2.883	4.2	21.4
5 1	14 32.54	− 6 51.2	1.863	2.864	2.9	21.2
5 11	14 23.14	− 6 21.9	1.861	2.844	5.8	21.4
5 21	14 14.55	− 6 2.6	1.887	2.823	9.5	21.6
5 31	14 7.56	− 5 55.9	1.936	2.802	13.0	21.7

188836 2006 BK_{159} 4 30.8 246°.81 0°.6/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 49.03	−13 21.3	4.553	5.332	7.2	21.1
4 1	14 46.04	−13 0.5	4.451	5.327	5.7	20.9
4 11	14 42.12	−12 36.0	4.375	5.323	3.9	20.8
4 21	14 37.55	−12 9.1	4.327	5.319	1.9	20.6
5 1	14 32.64	−11 41.4	4.308	5.314	0.6	20.5
5 11	14 27.75	−11 14.8	4.319	5.310	2.4	20.7
5 21	14 23.21	−10 50.9	4.360	5.305	4.3	20.8
5 31	14 19.32	−10 31.2	4.428	5.300	6.1	20.9

219748 2001 XZ_{247} 4 30.8 99°.38 5°.7/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.53	− 2 52.8	2.046	2.852	13.9	20.6
4 1	14 55.12	− 1 19.5	1.991	2.878	11.0	20.5
4 11	14 48.71	+ 0 15.0	1.959	2.903	8.1	20.3
4 21	14 40.92	+ 1 43.9	1.954	2.928	6.0	20.3
5 1	14 32.57	+ 3 0.4	1.977	2.952	6.1	20.3
5 11	14 24.53	+ 3 59.1	2.028	2.975	8.2	20.5
5 21	14 17.55	+ 4 37.3	2.104	2.998	10.9	20.7
5 31	14 12.20	+ 4 54.4	2.203	3.020	13.4	20.9

308396 2005 SF_{48} 4 30.8 243°.84 1°.4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.05	−20 56.3	2.637	3.401	12.3	21.8
4 1	14 53.22	−20 53.8	2.530	3.391	9.9	21.6
4 11	14 47.55	−20 41.5	2.445	3.381	7.1	21.4
4 21	14 40.46	−20 19.8	2.386	3.371	4.0	21.2
5 1	14 32.58	−19 50.1	2.355	3.360	1.4	21.0
5 11	14 24.66	−19 15.3	2.354	3.350	3.4	21.1
5 21	14 17.43	−18 39.0	2.380	3.339	6.6	21.3
5 31	14 11.53	−18 5.0	2.433	3.327	9.6	21.5

214198 2005 ET_{38} 4 30.8 97°.16 1°.0/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.55	−14 34.1	1.613	2.415	17.2	21.0
4 1	14 58.36	−14 14.3	1.543	2.431	13.6	20.8
4 11	14 51.43	−13 44.6	1.494	2.446	9.4	20.5
4 21	14 42.47	−13 7.4	1.468	2.461	4.7	20.3
5 1	14 32.54	−12 27.1	1.469	2.476	1.1	20.1
5 11	14 22.88	−11 49.3	1.497	2.491	5.4	20.4
5 21	14 14.58	−11 18.9	1.551	2.505	9.8	20.7
5 31	14 8.47	−10 59.9	1.628	2.519	13.7	21.0

222597 2001 XE_{7} 4 30.8 230°.64 2°.2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.08	−11 53.6	2.450	3.237	12.4	22.1
4 1	14 54.87	−10 55.7	2.341	3.222	9.9	21.9
4 11	14 48.72	− 9 49.1	2.255	3.205	6.8	21.7
4 21	14 41.07	− 8 36.9	2.197	3.188	3.6	21.5
5 1	14 32.57	− 7 23.8	2.168	3.169	2.4	21.4
5 11	14 24.03	− 6 15.1	2.169	3.150	5.2	21.5
5 21	14 16.22	− 5 15.8	2.198	3.130	8.6	21.7
5 31	14 9.80	− 4 29.6	2.252	3.109	11.7	21.8

134408 1998 DA_{18} 4 30.8 309°.53 0°.1/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.50	−15 29.6	1.437	2.252	18.4	20.2
4 1	14 56.76	−15 32.6	1.347	2.241	14.8	19.9
4 11	14 50.90	−15 25.1	1.276	2.231	10.4	19.6
4 21	14 42.48	−15 8.2	1.228	2.221	5.3	19.3
5 1	14 32.53	−14 44.8	1.204	2.211	0.2	18.9
5 11	14 22.48	−14 19.9	1.205	2.202	5.7	19.3
5 21	14 13.68	−13 59.0	1.230	2.193	10.9	19.5
5 31	14 7.27	−13 47.3	1.277	2.184	15.6	19.8

402906 2007 TU_{52} 4 30.8 76°.10 1°.0/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.23	−17 27.6	1.494	2.295	18.4	20.7
4 1	14 59.35	−17 42.0	1.420	2.304	14.8	20.5
4 11	14 52.41	−17 45.3	1.364	2.313	10.4	20.3
4 21	14 43.09	−17 37.7	1.332	2.322	5.5	20.0
5 1	14 32.53	−17 21.4	1.325	2.332	1.0	19.7
5 11	14 22.13	−17 0.5	1.344	2.341	5.1	20.0
5 21	14 13.17	−16 40.3	1.388	2.350	9.9	20.3
5 31	14 6.64	−16 25.9	1.455	2.360	14.2	20.6

153782 2001 VY_{58} 4 30.8 122°.94 0°.3/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 8.99	−13 42.5	1.929	2.706	15.7	20.4
4 1	15 3.20	−14 22.7	1.842	2.714	12.5	20.2
4 11	14 54.75	−14 58.6	1.778	2.722	8.8	20.0
4 21	14 44.20	−15 29.9	1.739	2.730	4.5	19.8
5 1	14 32.51	−15 56.7	1.730	2.737	0.3	19.5
5 11	14 20.87	−16 20.3	1.749	2.744	4.5	19.8
5 21	14 10.38	−16 42.6	1.797	2.751	8.7	20.1
5 31	14 1.94	−17 6.2	1.870	2.757	12.4	20.3

41141 1999 VB_{125} 4 30.8 246°.40 2°.1/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.15	−11 27.6	1.995	2.790	14.7	20.3
4 1	14 57.90	−10 59.0	1.886	2.770	11.7	20.1
4 11	14 51.19	−10 22.6	1.799	2.750	8.2	19.8
4 21	14 42.48	− 9 41.2	1.737	2.729	4.3	19.6
5 1	14 32.55	− 8 58.6	1.703	2.707	2.3	19.4
5 11	14 22.46	− 8 20.1	1.698	2.685	5.7	19.6
5 21	14 13.24	− 7 50.3	1.719	2.662	9.9	19.7
5 31	14 5.78	− 7 32.9	1.764	2.638	13.7	19.9

118525 2000 ED_{30} 4 30.8 190°.62 0°.1/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 5.26	−15 44.2	1.727	2.516	16.8	19.6
4 1	15 0.65	−15 43.1	1.636	2.516	13.4	19.4
4 11	14 53.21	−15 32.5	1.567	2.514	9.4	19.1
4 21	14 43.51	−15 13.2	1.521	2.512	4.8	18.8
5 1	14 32.54	−14 47.9	1.502	2.510	0.1	18.4
5 11	14 21.58	−14 20.9	1.511	2.506	5.1	18.8
5 21	14 11.82	−13 56.9	1.546	2.502	9.7	19.1
5 31	14 4.23	−13 40.7	1.605	2.497	13.8	19.3

170100 2002 XP_{67} 4 30.8 21°.01 1°.8/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.90	−23 11.0	2.128	2.900	14.6	19.7
4 1	14 52.72	−22 50.5	2.035	2.901	11.8	19.5
4 11	14 47.38	−22 15.3	1.965	2.901	8.5	19.3
4 21	14 40.41	−21 26.3	1.918	2.902	4.9	19.0
5 1	14 32.61	−20 26.1	1.899	2.903	1.9	18.8
5 11	14 24.89	−19 19.7	1.907	2.905	3.9	19.0
5 21	14 18.11	−18 12.8	1.943	2.906	7.6	19.2
5 31	14 12.97	−17 11.2	2.005	2.907	11.0	19.4

78864 2003 QN_{78} 4 30.8 189°.16 1°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.70	−21 23.2	1.902	2.677	16.0	20.4
4 1	14 57.61	−21 13.7	1.809	2.676	12.9	20.2
4 11	14 50.96	−20 50.0	1.736	2.675	9.3	20.0
4 21	14 42.31	−20 12.6	1.688	2.674	5.2	19.7
5 1	14 32.57	−19 23.8	1.666	2.672	1.6	19.5
5 11	14 22.87	−18 28.4	1.672	2.669	4.4	19.6
5 21	14 14.28	−17 32.4	1.706	2.666	8.6	19.9
5 31	14 7.65	−16 42.1	1.764	2.662	12.4	20.1

172415 2003 EZ_{39} 4 30.8 10°.71 9°.5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.07	+ 8 39.4	1.749	2.564	15.6	19.6
4 1	14 53.78	+ 9 35.8	1.688	2.567	13.1	19.5
4 11	14 48.14	+10 22.8	1.648	2.571	10.9	19.3
4 21	14 40.78	+10 53.1	1.631	2.575	9.6	19.2
5 1	14 32.60	+11 0.8	1.637	2.581	9.9	19.3
5 11	14 24.64	+10 42.7	1.668	2.587	11.6	19.4
5 21	14 17.80	+ 9 59.1	1.720	2.594	13.9	19.5
5 31	14 12.78	+ 8 52.7	1.793	2.602	16.3	19.7

171504 1998 EP_5 4 30.8 33°.28 5°.3/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.08	− 5 6.3	1.415	2.243	17.9	20.0
4 1	14 56.82	− 4 26.4	1.345	2.247	14.2	19.8
4 11	14 50.62	− 3 43.8	1.295	2.250	10.1	19.6
4 21	14 42.18	− 3 4.4	1.267	2.254	6.4	19.4
5 1	14 32.58	− 2 34.9	1.264	2.259	5.5	19.3
5 11	14 23.16	− 2 21.0	1.286	2.263	8.6	19.5
5 21	14 15.13	− 2 25.7	1.332	2.268	12.7	19.8
5 31	14 9.39	− 2 49.9	1.398	2.273	16.5	20.0

444792 2007 TK_{187} 4 30.8 230°.65 0°.6/29.9 17

3 22	14 52.27	−13 48.0	4.150	4.923	8.0	23.0
4 1	14 48.68	−13 25.7	4.038	4.910	6.3	22.9
4 11	14 44.01	−12 58.9	3.951	4.897	4.3	22.7
4 21	14 38.55	−12 29.0	3.892	4.883	2.1	22.5
5 1	14 32.66	−11 57.8	3.863	4.869	0.6	22.4
5 11	14 26.77	−11 27.3	3.865	4.855	2.6	22.5
5 21	14 21.26	−10 59.5	3.896	4.840	4.8	22.7
5 31	14 16.51	−10 36.4	3.955	4.825	6.8	22.8

499376 2010 AU_{54} 4 30.8 83°.63 5°.8/26.3 17

3 22	14 58.87	− 0 57.9	1.967	2.778	14.2	21.6
4 1	14 54.78	+ 0 0.6	1.906	2.795	11.4	21.4
4 11	14 48.61	+ 0 58.0	1.868	2.812	8.4	21.3
4 21	14 40.94	+ 1 48.7	1.855	2.829	6.2	21.2
5 1	14 32.61	+ 2 27.1	1.869	2.846	6.1	21.2
5 11	14 24.54	+ 2 49.2	1.910	2.863	8.2	21.4
5 21	14 17.52	+ 2 53.0	1.975	2.880	10.9	21.6
5 31	14 12.17	+ 2 38.5	2.063	2.896	13.6	21.8

93073 2000 SO_{27} 4 30.8 116°.57 1°.6/ 2.2 18

3 22	15 0.90	−21 58.6	2.157	2.922	14.6	20.2
4 1	14 56.46	−21 48.2	2.077	2.938	11.8	20.0
4 11	14 49.83	−21 25.1	2.018	2.954	8.4	19.9
4 21	14 41.60	−20 49.9	1.985	2.969	4.8	19.7
5 1	14 32.60	−20 5.0	1.979	2.984	1.7	19.5
5 11	14 23.79	−19 14.7	2.002	2.998	3.9	19.7
5 21	14 16.03	−18 24.0	2.053	3.012	7.4	19.9
5 31	14 9.99	−17 38.0	2.129	3.026	10.7	20.1

341160 2007 PW_{46} 4 30.8 275°.25 5°.8/26.6 18

3 22	15 0.14	+ 0 2.8	2.097	2.901	13.7	20.7
4 1	14 56.07	+ 0 40.4	1.997	2.881	11.1	20.5
4 11	14 49.77	+ 1 17.0	1.920	2.861	8.4	20.3
4 21	14 41.71	+ 1 47.5	1.867	2.841	6.2	20.1
5 1	14 32.60	+ 2 7.0	1.841	2.820	6.1	20.1
5 11	14 23.41	+ 2 11.1	1.843	2.799	8.2	20.1
5 21	14 15.02	+ 1 57.7	1.870	2.778	11.3	20.3
5 31	14 8.24	+ 1 26.3	1.920	2.756	14.3	20.4

257626 1999 TF_{140} 4 30.8 249°.02 1°.4/ 1.7 18

3 22	15 2.95	−19 50.2	1.981	2.755	15.4	21.8
4 1	14 58.76	−19 53.2	1.868	2.736	12.6	21.6
4 11	14 51.93	−19 44.8	1.776	2.716	9.1	21.3
4 21	14 42.93	−19 24.5	1.709	2.696	5.0	21.0
5 1	14 32.58	−18 53.8	1.668	2.674	1.4	20.7
5 11	14 22.00	−18 16.1	1.656	2.652	4.5	20.9
5 21	14 12.33	−17 36.5	1.671	2.630	8.9	21.1
5 31	14 4.53	−17 0.5	1.711	2.606	12.9	21.3

170263 2003 QJ_{59} 4 30.8 288°.38 0°.9/30.3 18

3 22	14 59.96	−14 17.3	1.503	2.316	17.8	20.7
4 1	14 57.12	−14 9.0	1.402	2.296	14.3	20.4
4 11	14 51.22	−13 50.3	1.320	2.275	10.1	20.1
4 21	14 42.72	−13 23.0	1.261	2.254	5.1	19.8
5 1	14 32.58	−12 50.6	1.226	2.234	1.0	19.4
5 11	14 22.17	−12 18.5	1.218	2.213	6.0	19.7
5 21	14 12.86	−11 52.6	1.233	2.192	11.3	20.0
5 31	14 5.84	−11 38.3	1.271	2.171	16.1	20.2

70434 1999 TL_4 4 30.8 147°.52 1°.7/ 1.9 18

3 22	15 3.58	−19 57.7	1.828	2.606	16.4	19.4
4 1	14 59.15	−20 8.4	1.743	2.612	13.2	19.2
4 11	14 52.05	−20 7.4	1.678	2.618	9.5	18.9
4 21	14 42.89	−19 54.5	1.637	2.624	5.3	18.7
5 1	14 32.61	−19 31.4	1.623	2.629	1.7	18.5
5 11	14 22.41	−19 1.6	1.637	2.633	4.5	18.7
5 21	14 13.40	−18 30.3	1.677	2.637	8.7	18.9
5 31	14 6.46	−18 2.5	1.742	2.641	12.5	19.2

207886 2007 XT_9 4 30.8 247°.89 6°.2/26.2 18

3 22	15 0.36	+ 3 12.6	2.243	3.041	13.1	19.7
4 1	14 55.89	+ 3 44.6	2.160	3.038	10.7	19.6
4 11	14 49.40	+ 4 12.4	2.101	3.034	8.3	19.4
4 21	14 41.41	+ 4 31.3	2.067	3.031	6.5	19.3
5 1	14 32.64	+ 4 37.0	2.060	3.028	6.4	19.3
5 11	14 23.95	+ 4 26.7	2.080	3.024	8.2	19.4
5 21	14 16.13	+ 3 59.4	2.126	3.020	10.7	19.5
5 31	14 9.83	+ 3 15.7	2.195	3.017	13.2	19.7

338581 2003 SE_{121} 4 30.8 271°.36 1°.3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.61	−20 53.4	2.041	2.820	14.9	21.9
4 1	14 54.33	−20 39.6	1.934	2.805	12.1	21.7
4 11	14 48.71	−20 12.2	1.848	2.790	8.7	21.5
4 21	14 41.22	−19 32.0	1.786	2.774	4.8	21.2
5 1	14 32.64	−18 41.1	1.752	2.758	1.3	20.9
5 11	14 23.98	−17 44.2	1.745	2.742	4.2	21.1
5 21	14 16.20	−16 46.8	1.765	2.726	8.3	21.3
5 31	14 10.14	−15 54.9	1.810	2.710	12.1	21.5

135114 2001 QM_{113} 4 30.8 248°.77 3°.9/ 3.9 18

3 22	14 59.56	−27 2.1	2.356	3.098	14.1	19.1
4 1	14 55.63	−27 27.4	2.252	3.092	11.8	18.9
4 11	14 49.47	−27 40.0	2.170	3.085	9.0	18.7
4 21	14 41.56	−27 38.4	2.111	3.079	6.1	18.5
5 1	14 32.64	−27 22.4	2.080	3.072	4.0	18.4
5 11	14 23.66	−26 54.2	2.076	3.065	4.7	18.4
5 21	14 15.52	−26 17.5	2.100	3.058	7.4	18.6
5 31	14 9.00	−25 37.6	2.149	3.051	10.4	18.7

303877 2005 TQ_{19} 4 30.8 181°.35 0°.4/30.4 17

3 22	14 55.82	−15 36.8	2.994	3.770	10.7	22.2
4 1	14 51.87	−15 11.2	2.898	3.771	8.4	22.1
4 11	14 46.40	−14 38.6	2.825	3.771	5.8	21.9
4 21	14 39.83	−14 0.7	2.779	3.771	2.9	21.7
5 1	14 32.68	−13 20.1	2.763	3.770	0.5	21.5
5 11	14 25.58	−12 39.7	2.777	3.769	3.3	21.7
5 21	14 19.11	−12 2.8	2.819	3.768	6.2	21.9
5 31	14 13.76	−11 32.1	2.888	3.766	8.8	22.1

425075 2009 RN_{65} 4 30.8 232°.39 6°.7/24.1 17

3 22	14 59.55	+ 2 39.6	2.391	3.188	12.4	22.8
4 1	14 55.25	+ 3 57.6	2.296	3.172	10.2	22.6
4 11	14 49.00	+ 5 15.2	2.225	3.155	8.1	22.4
4 21	14 41.25	+ 6 26.5	2.181	3.137	6.7	22.3
5 1	14 32.66	+ 7 25.3	2.164	3.119	7.1	22.3
5 11	14 24.03	+ 8 6.6	2.174	3.099	9.0	22.3
5 21	14 16.13	+ 8 27.6	2.210	3.079	11.4	22.5
5 31	14 9.64	+ 8 27.5	2.268	3.058	13.9	22.6

166053 2002 CH_{39} 4 30.8 92°.22 4°.2/ 3.4 18

3 22	15 2.79	−25 21.0	1.526	2.303	19.2	20.1
4 1	14 59.22	−25 46.5	1.447	2.310	15.8	19.9
4 11	14 52.48	−25 54.6	1.386	2.317	11.9	19.7
4 21	14 43.22	−25 43.1	1.347	2.324	7.6	19.4
5 1	14 32.62	−25 12.5	1.333	2.331	4.4	19.2
5 11	14 22.14	−24 27.1	1.344	2.338	5.7	19.3
5 21	14 13.13	−23 34.0	1.380	2.345	9.8	19.6
5 31	14 6.62	−22 41.3	1.440	2.352	13.8	19.8

317456 2002 RP 4 30.8 288°.66 0°.3/30.6 17

3 22	14 59.51	−16 11.8	1.299	2.120	19.6	21.7
4 1	14 57.22	−16 1.7	1.207	2.104	15.8	21.4
4 11	14 51.54	−15 37.6	1.133	2.089	11.2	21.1
4 21	14 42.98	−15 0.8	1.080	2.074	5.7	20.7
5 1	14 32.63	−14 15.4	1.051	2.058	0.4	20.3
5 11	14 22.05	−13 28.1	1.046	2.043	6.3	20.6
5 21	14 12.82	−12 46.6	1.064	2.028	12.1	20.9
5 31	14 6.22	−12 17.9	1.103	2.013	17.3	21.1

138589 2000 QC_{154} 4 30.8 226°.22 1°.0/ 1.9 18

3 22	14 56.18	−21 16.1	2.555	3.321	12.5	20.0
4 1	14 52.57	−20 51.4	2.451	3.315	10.1	19.8
4 11	14 47.12	−20 15.0	2.370	3.308	7.2	19.6
4 21	14 40.28	−19 27.9	2.315	3.301	4.0	19.4
5 1	14 32.69	−18 32.5	2.288	3.294	1.1	19.1
5 11	14 25.13	−17 32.9	2.290	3.287	3.4	19.3
5 21	14 18.31	−16 33.6	2.321	3.279	6.8	19.5
5 31	14 12.85	−15 39.3	2.378	3.271	9.9	19.7

379294 2009 VO_{44} 4 30.8 223°.22 2°.2/29.2 17

3 22	15 2.22	− 9 10.5	2.294	3.082	13.2	21.0
4 1	14 57.49	− 8 57.1	2.192	3.072	10.4	20.8
4 11	14 50.64	− 8 39.9	2.113	3.062	7.3	20.6
4 21	14 42.13	− 8 21.2	2.061	3.051	3.9	20.4
5 1	14 32.68	− 8 4.1	2.037	3.040	2.3	20.2
5 11	14 23.17	− 7 51.8	2.042	3.027	5.1	20.4
5 21	14 14.47	− 7 47.2	2.076	3.015	8.6	20.6
5 31	14 7.31	− 7 52.2	2.134	3.002	11.9	20.8

89425 2001 WF_{38} 4 30.8 111°.76 3°.9/27.5 18

3 22	14 58.04	− 3 38.7	2.386	3.187	12.3	19.9
4 1	14 53.89	− 3 7.4	2.308	3.194	9.8	19.8
4 11	14 47.93	− 2 35.7	2.254	3.201	7.0	19.6
4 21	14 40.64	− 2 7.2	2.226	3.208	4.6	19.5
5 1	14 32.71	− 1 45.6	2.225	3.214	4.1	19.4
5 11	14 24.89	− 1 34.0	2.253	3.221	6.2	19.6
5 21	14 17.89	− 1 34.5	2.308	3.227	8.9	19.8
5 31	14 12.29	− 1 47.8	2.387	3.234	11.5	19.9

147856 2005 UH_{343} 4 30.8 256°.59 3°.3/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.70	− 4 38.9	2.647	3.440	11.5	19.8
4 1	14 54.41	− 4 19.7	2.544	3.426	9.1	19.6
4 11	14 48.34	− 3 59.7	2.464	3.410	6.5	19.4
4 21	14 40.90	− 3 41.5	2.411	3.395	4.1	19.2
5 1	14 32.70	− 3 28.4	2.386	3.379	3.4	19.2
5 11	14 24.46	− 3 23.1	2.391	3.363	5.5	19.3
5 21	14 16.85	− 3 27.6	2.423	3.347	8.3	19.4
5 31	14 10.50	− 3 43.1	2.480	3.331	11.0	19.6

42534 1995 UL_{7} 4 30.8 227°.14 0°.4/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.14	−17 41.5	2.072	2.850	14.7	19.3
4 1	14 57.83	−17 31.8	1.966	2.839	11.8	19.1
4 11	14 51.11	−17 11.5	1.882	2.826	8.4	18.8
4 21	14 42.45	−16 41.6	1.824	2.814	4.4	18.5
5 1	14 32.67	−16 4.4	1.793	2.800	0.4	18.2
5 11	14 22.80	−15 23.9	1.790	2.786	4.4	18.5
5 21	14 13.84	−14 44.9	1.815	2.771	8.5	18.7
5 31	14 6.64	−14 12.3	1.865	2.755	12.3	18.9

512566 2016 ST_{24} 4 30.8 245°.22 0°.4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.99	−17 18.8	2.621	3.395	12.1	21.9
4 1	14 53.97	−17 17.1	2.514	3.384	9.7	21.7
4 11	14 48.11	−17 7.9	2.430	3.372	6.8	21.5
4 21	14 40.81	−16 51.8	2.371	3.361	3.6	21.2
5 1	14 32.71	−16 30.5	2.342	3.349	0.4	21.0
5 11	14 24.55	−16 6.8	2.341	3.337	3.5	21.2
5 21	14 17.06	−15 43.8	2.369	3.325	6.8	21.4
5 31	14 10.89	−15 24.6	2.423	3.312	9.9	21.6

205865 2002 EL_{93} 4 30.8 330°.09 3°.5/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.09	−20 58.7	1.220	2.038	20.8	19.5
4 1	14 55.68	−21 39.7	1.131	2.023	17.1	19.2
4 11	14 50.72	−22 6.8	1.059	2.008	12.7	18.9
4 21	14 42.68	−22 18.0	1.008	1.995	7.6	18.6
5 1	14 32.67	−22 12.4	0.979	1.982	3.6	18.3
5 11	14 22.38	−21 53.2	0.972	1.971	6.3	18.4
5 21	14 13.49	−21 26.7	0.988	1.960	11.6	18.6
5 31	14 7.44	−21 1.0	1.024	1.951	16.7	18.9

170321 2003 ST_{73} 4 30.8 251°.95 0°.9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.41	−19 13.6	2.096	2.877	14.5	20.6
4 1	14 54.83	−19 5.3	1.996	2.869	11.7	20.4
4 11	14 48.97	−18 45.6	1.917	2.860	8.3	20.2
4 21	14 41.34	−18 15.4	1.863	2.852	4.5	19.9
5 1	14 32.71	−17 37.0	1.836	2.843	0.9	19.6
5 11	14 24.05	−16 54.4	1.837	2.833	4.1	19.9
5 21	14 16.27	−16 12.3	1.865	2.824	8.1	20.1
5 31	14 10.18	−15 35.7	1.918	2.815	11.7	20.3

430508 2001 UM_{228} 4 30.8 181°.03 2°.3/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.83	−24 9.6	2.250	3.005	14.4	22.6
4 1	14 56.54	−24 0.1	2.153	3.006	11.7	22.4
4 11	14 50.02	−23 36.5	2.077	3.007	8.6	22.2
4 21	14 41.81	−22 58.9	2.027	3.007	5.2	22.0
5 1	14 32.71	−22 9.1	2.004	3.006	2.4	21.8
5 11	14 23.66	−21 11.2	2.009	3.005	4.0	21.9
5 21	14 15.57	−20 10.4	2.043	3.003	7.4	22.1
5 31	14 9.16	−19 12.5	2.103	3.001	10.8	22.3

512886 2016 WR_{23} 4 30.8 214°.58 6°.4/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.10	−43 14.1	3.393	4.013	12.1	22.6
4 1	14 56.39	−43 33.3	3.277	4.004	10.9	22.5
4 11	14 49.74	−43 36.5	3.180	3.995	9.4	22.3
4 21	14 41.62	−43 21.3	3.105	3.985	7.9	22.2
5 1	14 32.71	−42 46.5	3.055	3.975	6.8	22.1
5 11	14 23.81	−41 53.2	3.033	3.964	6.4	22.1
5 21	14 15.70	−40 44.6	3.037	3.953	7.1	22.1
5 31	14 9.03	−39 25.5	3.068	3.941	8.5	22.2

300982 2008 EJ_{133} 4 30.8 214°.96 1°.9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.01	−11 48.6	2.652	3.445	11.5	21.1
4 1	14 51.46	−11 0.3	2.556	3.440	9.0	20.9
4 11	14 46.26	−10 5.2	2.484	3.435	6.2	20.7
4 21	14 39.82	− 9 6.2	2.438	3.430	3.3	20.5
5 1	14 32.75	− 8 7.3	2.422	3.424	2.0	20.4
5 11	14 25.71	− 7 12.7	2.434	3.418	4.5	20.6
5 21	14 19.35	− 6 26.2	2.475	3.412	7.6	20.8
5 31	14 14.21	− 5 50.8	2.541	3.406	10.3	20.9

64218 2001 TT_{106} 4 30.8 131°.42 3°.0/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.77	− 6 40.9	2.095	2.889	14.1	19.6
4 1	14 58.66	− 6 27.3	2.018	2.900	11.1	19.4
4 11	14 51.36	− 6 11.8	1.963	2.911	7.8	19.2
4 21	14 42.43	− 5 57.4	1.934	2.922	4.4	19.0
5 1	14 32.70	− 5 47.4	1.933	2.932	3.2	19.0
5 11	14 23.14	− 5 44.8	1.961	2.941	5.8	19.2
5 21	14 14.60	− 5 51.8	2.016	2.951	9.1	19.4
5 31	14 7.79	− 6 9.6	2.096	2.959	12.3	19.6

19020 2000 SC_{6} 4 30.8 269°.06 3°.4/25.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.99	+ 2 14.9	4.522	5.312	7.1	17.9
4 1	14 46.78	+ 2 43.8	4.430	5.304	5.7	17.8
4 11	14 42.67	+ 3 10.8	4.364	5.296	4.4	17.7
4 21	14 37.90	+ 3 34.0	4.325	5.287	3.5	17.6
5 1	14 32.79	+ 3 51.2	4.316	5.279	3.5	17.6
5 11	14 27.70	+ 4 0.8	4.335	5.271	4.6	17.7
5 21	14 22.96	+ 4 1.8	4.381	5.262	5.9	17.8
5 31	14 18.87	+ 3 53.7	4.452	5.254	7.4	17.9

388320 2006 SJ_{336} 4 30.8 166°.88 0°.9/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.37	−13 0.8	2.582	3.366	12.0	21.5
4 1	14 54.13	−12 49.3	2.490	3.368	9.5	21.3
4 11	14 48.11	−12 32.3	2.422	3.371	6.5	21.2
4 21	14 40.77	−12 11.4	2.381	3.373	3.3	20.9
5 1	14 32.74	−11 49.1	2.368	3.375	1.0	20.8
5 11	14 24.76	−11 28.4	2.385	3.376	3.9	21.0
5 21	14 17.52	−11 12.0	2.429	3.377	7.1	21.2
5 31	14 11.61	−11 2.5	2.500	3.378	10.0	21.4

377854 2006 BF_{204} 4 30.8 172°.07 1°.7/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.49	−11 58.2	2.234	3.026	13.4	21.8
4 1	14 55.29	−11 29.7	2.146	3.028	10.5	21.6
4 11	14 49.06	−10 54.5	2.080	3.031	7.2	21.4
4 21	14 41.29	−10 15.4	2.040	3.032	3.7	21.2
5 1	14 32.74	− 9 36.0	2.029	3.034	1.8	21.1
5 11	14 24.26	− 9 0.4	2.047	3.034	4.8	21.3
5 21	14 16.66	− 8 32.5	2.091	3.035	8.3	21.5
5 31	14 10.60	− 8 15.0	2.161	3.035	11.5	21.7

425910 2011 FE_{132} 4 30.8 117°.62 4°.4/26.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.26	− 5 49.5	2.182	2.983	13.3	21.9
4 1	14 54.90	− 4 29.4	2.116	3.003	10.5	21.8
4 11	14 48.62	− 3 5.7	2.074	3.022	7.4	21.6
4 21	14 40.99	− 1 43.9	2.059	3.040	4.9	21.5
5 1	14 32.76	− 0 30.2	2.072	3.058	4.8	21.5
5 11	14 24.77	+ 0 30.1	2.114	3.075	7.0	21.7
5 21	14 17.74	+ 1 13.6	2.183	3.092	9.8	21.9
5 31	14 12.26	+ 1 38.6	2.275	3.107	12.5	22.1

65382 2002 PN_{127} 4 30.8 279°.54 0°.5/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.68	−17 23.8	2.039	2.826	14.6	19.7
4 1	14 55.14	−17 23.5	1.937	2.814	11.8	19.5
4 11	14 49.27	−17 13.7	1.856	2.803	8.3	19.3
4 21	14 41.54	−16 55.1	1.801	2.791	4.4	19.0
5 1	14 32.75	−16 29.8	1.772	2.779	0.5	18.7
5 11	14 23.86	−16 1.5	1.771	2.768	4.2	18.9
5 21	14 15.86	−15 34.2	1.797	2.756	8.3	19.2
5 31	14 9.57	−15 12.4	1.847	2.744	12.1	19.4

44149 1998 HS_{106} 4 30.8 331°.26 7°.6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.62	− 1 46.7	1.266	2.110	18.7	17.8
4 1	14 54.64	− 0 52.1	1.189	2.097	15.2	17.5
4 11	14 49.53	+ 0 3.8	1.130	2.085	11.3	17.3
4 21	14 41.86	+ 0 52.7	1.093	2.074	8.2	17.0
5 1	14 32.74	+ 1 25.7	1.078	2.064	8.0	17.0
5 11	14 23.59	+ 1 35.6	1.086	2.055	11.0	17.1
5 21	14 15.79	+ 1 19.1	1.116	2.046	15.1	17.3
5 31	14 10.42	+ 0 36.2	1.164	2.039	19.1	17.5

457739 2009 HJ_{14} 4 30.8 6°.18 2°.8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.36	−11 0.6	1.269	2.103	19.2	20.7
4 1	14 55.15	−10 35.8	1.196	2.103	15.2	20.4
4 11	14 49.79	−10 2.3	1.143	2.104	10.5	20.2
4 21	14 41.94	− 9 24.2	1.111	2.105	5.5	19.9
5 1	14 32.74	− 8 47.7	1.103	2.107	3.0	19.7
5 11	14 23.67	− 8 19.4	1.119	2.110	7.2	20.0
5 21	14 16.06	− 8 4.6	1.158	2.114	12.2	20.3
5 31	14 10.92	− 8 6.6	1.217	2.118	16.6	20.5

461903 2006 PL_{11} 4 30.8 290°.68 0°.9/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.32	−14 38.2	1.538	2.350	17.5	21.8
4 1	14 56.59	−14 26.0	1.434	2.328	14.1	21.5
4 11	14 50.86	−14 2.8	1.350	2.305	9.9	21.2
4 21	14 42.60	−13 30.3	1.289	2.282	5.1	20.9
5 1	14 32.73	−12 52.3	1.253	2.260	1.0	20.5
5 11	14 22.57	−12 14.2	1.242	2.237	5.9	20.8
5 21	14 13.47	−11 42.3	1.256	2.215	11.2	21.0
5 31	14 6.59	−11 22.2	1.292	2.192	15.9	21.2

2004 Lexell 4 30.8 151°.86 1°.1/ 1.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.97	−19 2.9	1.520	2.314	18.5	16.5
4 1	15 0.02	−19 3.3	1.439	2.319	14.9	16.2
4 11	14 52.99	−18 50.0	1.377	2.323	10.6	16.0
4 21	14 43.51	−18 23.4	1.338	2.327	5.7	15.7
5 1	14 32.72	−17 46.0	1.324	2.331	1.2	15.4
5 11	14 22.03	−17 3.4	1.337	2.334	5.2	15.7
5 21	14 12.75	−16 21.8	1.375	2.337	10.1	16.0
5 31	14 5.90	−15 47.7	1.436	2.339	14.4	16.2

454083 2013 AB_{59} 4 30.8 87°.09 1°.8/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 2.53	−21 17.0	1.380	2.178	19.8	21.6
4 1	14 59.05	−21 10.5	1.310	2.191	16.0	21.4
4 11	14 52.34	−20 46.4	1.258	2.204	11.4	21.1
4 21	14 43.15	−20 5.4	1.229	2.217	6.3	20.9
5 1	14 32.72	−19 10.9	1.224	2.230	1.9	20.6
5 11	14 22.59	−18 9.9	1.244	2.243	5.3	20.9
5 21	14 14.06	−17 10.4	1.290	2.255	10.2	21.2
5 31	14 8.12	−16 20.0	1.357	2.267	14.6	21.5

456072 2006 BC_{11} 4 30.8 86°.36 4°.0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.89	− 8 19.3	1.426	2.243	18.3	21.5
4 1	14 59.58	− 7 35.4	1.368	2.264	14.4	21.3
4 11	14 52.36	− 6 46.0	1.330	2.285	10.0	21.1
4 21	14 43.01	− 5 56.6	1.315	2.305	5.7	20.9
5 1	14 32.73	− 5 13.7	1.326	2.326	4.2	20.8
5 11	14 22.86	− 4 43.3	1.364	2.345	7.6	21.1
5 21	14 14.54	− 4 29.2	1.425	2.365	11.7	21.4
5 31	14 8.59	− 4 33.0	1.508	2.384	15.5	21.6

461973 2006 UA_{252} 4 30.8 334°.96 0°.4/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.60	−15 30.7	1.400	2.220	18.5	21.0
4 1	14 55.28	−15 26.4	1.315	2.212	14.8	20.7
4 11	14 49.91	−15 10.5	1.249	2.205	10.4	20.5
4 21	14 42.05	−14 44.8	1.205	2.199	5.3	20.2
5 1	14 32.75	−14 13.0	1.185	2.193	0.4	19.8
5 11	14 23.41	−13 40.6	1.190	2.187	5.7	20.1
5 21	14 15.37	−13 13.6	1.219	2.182	10.9	20.4
5 31	14 9.70	−12 57.5	1.269	2.178	15.5	20.7

410330 2007 US_{29} 4 30.8 154°.68 0°.5/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.24	−15 41.1	1.914	2.700	15.5	23.0
4 1	14 58.63	−15 23.2	1.830	2.708	12.3	22.8
4 11	14 51.57	−14 55.5	1.768	2.715	8.5	22.6
4 21	14 42.64	−14 19.8	1.730	2.722	4.3	22.3
5 1	14 32.75	−13 39.5	1.720	2.728	0.5	22.1
5 11	14 23.00	−12 59.4	1.739	2.733	4.7	22.4
5 21	14 14.36	−12 24.3	1.785	2.738	8.9	22.6
5 31	14 7.64	−11 58.4	1.855	2.741	12.5	22.9

19248 1994 PT 4 30.8 250°.99 1°.1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.53	−13 10.7	2.670	3.456	11.6	19.4
4 1	14 52.77	−12 45.0	2.561	3.441	9.2	19.2
4 11	14 47.26	−12 12.7	2.476	3.425	6.3	19.0
4 21	14 40.41	−11 35.7	2.417	3.409	3.2	18.8
5 1	14 32.80	−10 57.0	2.387	3.393	1.2	18.6
5 11	14 25.14	−10 20.0	2.386	3.376	4.1	18.8
5 21	14 18.12	− 9 48.2	2.414	3.359	7.3	19.0
5 31	14 12.33	− 9 24.5	2.467	3.342	10.2	19.1

433321 2013 QD_{36} 4 30.8 91°.67 7°.0/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.72	−14 50.1	0.996	1.842	22.4	20.5
4 1	14 56.00	−11 35.9	0.932	1.848	17.5	20.2
4 11	14 50.59	− 7 49.5	0.889	1.854	12.1	19.9
4 21	14 42.35	− 3 47.9	0.869	1.860	7.5	19.7
5 1	14 32.77	+ 0 4.3	0.874	1.866	8.1	19.7
5 11	14 23.61	+ 3 22.9	0.904	1.871	12.9	20.0
5 21	14 16.35	+ 5 52.6	0.956	1.877	18.0	20.3
5 31	14 11.99	+ 7 29.2	1.026	1.883	22.5	20.6

97242 1999 XE_{88} 4 30.8 121°.30 2°.9/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.60	−26 9.0	2.264	3.014	14.5	20.0
4 1	14 55.51	−26 4.4	2.178	3.025	11.9	19.8
4 11	14 49.27	−25 45.1	2.112	3.036	8.8	19.6
4 21	14 41.44	−25 11.0	2.071	3.046	5.6	19.5
5 1	14 32.81	−24 23.7	2.058	3.057	3.1	19.3
5 11	14 24.32	−23 27.1	2.073	3.066	4.1	19.4
5 21	14 16.83	−22 26.5	2.115	3.076	7.1	19.6
5 31	14 11.00	−21 27.6	2.184	3.085	10.2	19.8

252969 2002 PM_{158} 4 30.8 312°.68 1°.7/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.84	−19 23.7	1.368	2.182	19.1	20.7
4 1	14 55.13	−19 35.8	1.267	2.159	15.7	20.4
4 11	14 50.18	−19 33.8	1.185	2.136	11.4	20.1
4 21	14 42.40	−19 16.9	1.123	2.114	6.4	19.8
5 1	14 32.79	−18 46.6	1.085	2.092	1.8	19.4
5 11	14 22.81	−18 7.6	1.071	2.070	5.7	19.6
5 21	14 14.01	−17 26.8	1.080	2.050	11.3	19.8
5 31	14 7.70	−16 52.1	1.111	2.030	16.4	20.0

341380 2007 TZ_{120} 4 30.8 183°.34 1°.9/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.03	−22 33.6	2.418	3.178	13.4	21.6
4 1	14 54.97	−22 31.5	2.321	3.178	10.9	21.4
4 11	14 48.88	−22 17.9	2.246	3.178	7.9	21.2
4 21	14 41.26	−21 52.9	2.196	3.178	4.6	21.0
5 1	14 32.81	−21 18.0	2.173	3.177	2.0	20.8
5 11	14 24.40	−20 36.6	2.180	3.176	3.7	20.9
5 21	14 16.82	−19 52.7	2.215	3.175	6.9	21.2
5 31	14 10.75	−19 11.1	2.275	3.173	10.1	21.3

296316 2009 DB_{140} 4 30.8 320°.69 8°.5/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 51.51	− 3 55.4	1.208	2.063	18.7	19.8
4 1	14 50.83	− 2 12.0	1.123	2.039	15.1	19.5
4 11	14 47.08	− 0 18.0	1.057	2.017	11.4	19.2
4 21	14 40.73	+ 1 36.3	1.013	1.995	8.7	19.0
5 1	14 32.82	+ 3 17.6	0.991	1.973	9.3	19.0
5 11	14 24.75	+ 4 33.3	0.992	1.953	12.8	19.1
5 21	14 17.91	+ 5 15.1	1.012	1.934	17.2	19.3
5 31	14 13.46	+ 5 20.2	1.049	1.916	21.4	19.5

299392 2005 WY_{140} 4 30.8 117°.88 3°.7/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.44	−26 9.7	1.575	2.345	18.9	21.5
4 1	14 59.56	−26 12.3	1.497	2.356	15.6	21.3
4 11	14 52.61	−25 55.2	1.438	2.367	11.6	21.1
4 21	14 43.30	−25 17.4	1.401	2.378	7.3	20.8
5 1	14 32.78	−24 20.7	1.389	2.389	3.9	20.7
5 11	14 22.49	−23 10.9	1.403	2.399	5.3	20.8
5 21	14 13.69	−21 56.3	1.444	2.408	9.4	21.0
5 31	14 7.33	−20 45.5	1.508	2.417	13.5	21.3

483007 2014 SE_{317} 4 30.8 217°.92 4°.7/27.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.81	− 5 29.0	1.799	2.607	15.5	21.4
4 1	14 57.72	− 4 41.4	1.710	2.601	12.3	21.2
4 11	14 51.10	− 3 49.9	1.643	2.594	8.8	20.9
4 21	14 42.50	− 2 59.5	1.601	2.586	5.6	20.7
5 1	14 32.80	− 2 16.2	1.586	2.578	5.0	20.7
5 11	14 23.11	− 1 45.7	1.597	2.569	7.8	20.8
5 21	14 14.48	− 1 31.7	1.634	2.560	11.5	21.0
5 31	14 7.75	− 1 36.1	1.694	2.551	15.0	21.2

500082 2011 YF_{1} 4 30.8 104°.70 6°.3/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.77	− 1 34.9	1.568	2.386	17.0	20.9
4 1	14 58.62	− 0 50.8	1.500	2.393	13.6	20.7
4 11	14 51.74	− 0 7.5	1.452	2.400	10.0	20.5
4 21	14 42.79	+ 0 28.7	1.427	2.406	7.0	20.3
5 1	14 32.81	+ 0 51.6	1.428	2.413	6.6	20.3
5 11	14 23.04	+ 0 56.4	1.455	2.420	9.1	20.4
5 21	14 14.60	+ 0 41.2	1.505	2.426	12.6	20.7
5 31	14 8.31	+ 0 6.5	1.578	2.432	16.0	20.9

210875 2001 SK_{5} 4 30.8 190°.72 1°.1/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.96	−13 34.9	2.427	3.216	12.5	20.7
4 1	14 53.19	−13 7.4	2.334	3.215	9.9	20.5
4 11	14 47.58	−12 32.7	2.264	3.214	6.8	20.3
4 21	14 40.57	−11 53.2	2.221	3.213	3.4	20.1
5 1	14 32.84	−11 11.9	2.206	3.212	1.2	19.9
5 11	14 25.16	−10 32.9	2.220	3.210	4.2	20.1
5 21	14 18.25	− 9 59.8	2.261	3.209	7.6	20.3
5 31	14 12.72	− 9 35.6	2.328	3.207	10.6	20.5

22820 1999 RM_{31} 4 30.8 220°.77 4°.7/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.17	−27 35.3	2.205	2.941	15.2	19.2
4 1	14 59.59	−28 22.2	2.103	2.936	12.7	19.0
4 11	14 52.45	−28 56.9	2.021	2.931	9.9	18.8
4 21	14 43.25	−29 16.7	1.963	2.925	7.0	18.6
5 1	14 32.81	−29 20.1	1.932	2.919	4.9	18.5
5 11	14 22.22	−29 8.3	1.928	2.912	5.5	18.5
5 21	14 12.56	−28 44.8	1.952	2.906	8.2	18.6
5 31	14 4.74	−28 14.8	2.001	2.899	11.2	18.8

293049 2006 WT_{106} 4 30.8 56°.52 3°.4/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.84	−10 59.4	1.499	2.322	17.3	20.4
4 1	14 54.83	−10 1.0	1.434	2.335	13.6	20.2
4 11	14 49.13	− 8 53.2	1.390	2.348	9.3	20.0
4 21	14 41.45	− 7 41.9	1.370	2.362	5.1	19.8
5 1	14 32.84	− 6 34.2	1.374	2.376	3.6	19.7
5 11	14 24.52	− 5 37.4	1.405	2.390	7.1	20.0
5 21	14 17.52	− 4 57.1	1.460	2.404	11.2	20.2
5 31	14 12.63	− 4 36.1	1.537	2.418	15.0	20.5

38831 2000 RC_{105} 4 30.8 172°.16 5°.5/ 5.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.54	−33 29.5	2.379	3.084	14.9	19.4
4 1	14 58.05	−33 51.2	2.281	3.087	12.8	19.2
4 11	14 51.19	−33 56.0	2.203	3.090	10.3	19.0
4 21	14 42.50	−33 41.5	2.148	3.092	7.7	18.9
5 1	14 32.83	−33 7.4	2.120	3.094	5.8	18.7
5 11	14 23.20	−32 15.8	2.119	3.095	5.8	18.7
5 21	14 14.58	−31 11.8	2.145	3.095	7.8	18.9
5 31	14 7.75	−30 1.9	2.197	3.095	10.4	19.0

504248 2006 UD_{287} 4 30.9 176°.56 1°.9/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.87	− 8 19.1	2.927	3.709	10.8	22.0
4 1	14 55.06	− 8 9.9	2.834	3.711	8.5	21.8
4 11	14 48.66	− 7 58.3	2.765	3.712	5.9	21.6
4 21	14 41.07	− 7 46.5	2.724	3.713	3.2	21.4
5 1	14 32.86	− 7 36.5	2.712	3.714	2.0	21.4
5 11	14 24.70	− 7 30.6	2.731	3.714	4.2	21.5
5 21	14 17.19	− 7 30.7	2.778	3.714	6.9	21.7
5 31	14 10.86	− 7 38.3	2.852	3.713	9.4	21.8

370147 2001 XO_{112} 4 30.9 175°.87 5°.5/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.80	− 0 10.1	2.290	3.088	12.9	22.0
4 1	14 56.20	+ 0 41.0	2.210	3.090	10.4	21.8
4 11	14 49.63	+ 1 31.2	2.153	3.092	7.8	21.7
4 21	14 41.61	+ 2 15.7	2.123	3.094	5.8	21.5
5 1	14 32.86	+ 2 49.5	2.120	3.094	5.7	21.5
5 11	14 24.21	+ 3 8.9	2.145	3.095	7.7	21.7
5 21	14 16.43	+ 3 11.8	2.196	3.094	10.3	21.8
5 31	14 10.15	+ 2 57.9	2.271	3.093	12.9	22.0

270548 2002 GC_{161} 4 30.9 12°.39 6°.8/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.36	− 2 18.9	1.371	2.211	17.7	19.7
4 1	14 53.16	− 1 24.9	1.308	2.215	14.2	19.5
4 11	14 48.15	− 0 30.8	1.265	2.220	10.4	19.3
4 21	14 41.04	+ 0 16.3	1.244	2.225	7.4	19.1
5 1	14 32.87	+ 0 48.7	1.246	2.232	7.1	19.1
5 11	14 24.91	+ 1 0.7	1.272	2.240	9.8	19.3
5 21	14 18.27	+ 0 49.9	1.321	2.249	13.4	19.5
5 31	14 13.81	+ 0 16.8	1.389	2.259	16.9	19.8

512769 2016 UA_{58} 4 30.9 256°.98 3°.7/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.93	−28 27.2	2.636	3.368	13.0	21.4
4 1	14 54.17	−28 40.8	2.525	3.356	10.9	21.2
4 11	14 48.41	−28 41.4	2.434	3.344	8.4	21.0
4 21	14 41.09	−28 27.9	2.368	3.331	5.8	20.8
5 1	14 32.87	−28 0.4	2.328	3.318	3.9	20.7
5 11	14 24.58	−27 21.0	2.318	3.305	4.4	20.7
5 21	14 17.01	−26 33.7	2.335	3.292	6.8	20.8
5 31	14 10.87	−25 43.2	2.378	3.279	9.6	21.0

454525 2014 OD_{243} 4 30.9 352°.29 5°.4/28.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.86	− 7 22.1	0.961	1.825	21.6	20.9
4 1	14 53.32	− 6 46.8	0.895	1.818	17.3	20.6
4 11	14 49.11	− 6 4.8	0.845	1.812	12.2	20.3
4 21	14 41.85	− 5 23.0	0.814	1.807	7.2	20.0
5 1	14 32.86	− 4 50.5	0.804	1.804	5.7	19.9
5 11	14 23.94	− 4 35.6	0.815	1.803	9.8	20.1
5 21	14 16.72	− 4 43.5	0.845	1.803	15.2	20.4
5 31	14 12.43	− 5 15.4	0.892	1.805	20.1	20.6

475663 2006 VF_{10} 4 30.9 241°.98 0°.3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.88	−15 33.7	2.712	3.488	11.7	22.2
4 1	14 53.84	−15 18.3	2.601	3.474	9.3	22.0
4 11	14 48.04	−14 55.7	2.513	3.458	6.5	21.8
4 21	14 40.85	−14 27.0	2.451	3.443	3.3	21.6
5 1	14 32.89	−13 54.7	2.419	3.426	0.3	21.3
5 11	14 24.86	−13 21.7	2.416	3.410	3.6	21.5
5 21	14 17.47	−12 51.5	2.442	3.393	6.9	21.7
5 31	14 11.32	−12 27.1	2.493	3.375	9.9	21.9

385808 2006 DO_{67} 4 30.9 75°.97 14°.1/ 4.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 19.03	−34 1.6	1.186	1.927	25.4	20.3
4 1	15 14.82	−37 1.9	1.114	1.934	22.5	20.0
4 11	15 5.33	−39 48.1	1.059	1.940	19.2	19.8
4 21	14 50.80	−42 5.6	1.023	1.947	16.1	19.7
5 1	14 32.73	−43 39.2	1.008	1.953	14.3	19.6
5 11	14 13.89	−44 21.8	1.016	1.960	14.6	19.6
5 21	13 57.31	−44 17.8	1.044	1.967	16.7	19.8
5 31	13 45.30	−43 41.6	1.091	1.974	19.6	20.0

471464 2011 UX_{268} 4 30.9 252°.12 5°.6/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.75	−33 57.7	2.655	3.353	13.7	21.6
4 1	14 56.61	−34 30.1	2.538	3.337	11.8	21.5
4 11	14 50.24	−34 48.0	2.441	3.321	9.7	21.3
4 21	14 42.09	−34 48.9	2.368	3.304	7.5	21.1
5 1	14 32.87	−34 31.5	2.320	3.288	5.9	21.0
5 11	14 23.50	−33 56.9	2.300	3.270	5.9	20.9
5 21	14 14.89	−33 8.5	2.308	3.253	7.6	21.0
5 31	14 7.84	−32 11.7	2.341	3.235	10.0	21.1

59434 1999 GR_{18} 4 30.9 45°.08 4°.9/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.53	− 3 35.7	1.388	2.210	18.5	18.2
4 1	15 0.18	− 3 29.3	1.333	2.230	14.7	18.0
4 11	14 52.85	− 3 24.5	1.298	2.251	10.4	17.8
4 21	14 43.34	− 3 25.6	1.285	2.272	6.3	17.6
5 1	14 32.87	− 3 36.7	1.298	2.294	5.0	17.6
5 11	14 22.81	− 4 0.7	1.336	2.316	7.9	17.8
5 21	14 14.35	− 4 38.3	1.398	2.339	11.9	18.1
5 31	14 8.29	− 5 28.7	1.482	2.361	15.5	18.4

70523 1999 TL_{110} 4 30.9 193°.62 0°.4/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.73	−17 20.1	1.746	2.542	16.4	19.9
4 1	14 56.24	−16 45.5	1.658	2.541	13.1	19.7
4 11	14 50.16	−15 57.3	1.590	2.540	9.1	19.4
4 21	14 42.07	−14 57.9	1.546	2.539	4.6	19.2
5 1	14 32.89	−13 51.7	1.529	2.537	0.5	18.8
5 11	14 23.79	−12 45.4	1.540	2.535	5.0	19.2
5 21	14 15.83	−11 45.6	1.577	2.533	9.5	19.4
5 31	14 9.86	−10 57.9	1.637	2.530	13.5	19.7

154990 2005 AA_{66} 4 30.9 298°.84 3°.2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 49.33	− 0 10.8	4.272	5.067	7.4	20.0
4 1	14 46.38	+ 0 24.8	4.182	5.061	5.9	19.9
4 11	14 42.48	+ 0 59.7	4.117	5.055	4.4	19.8
4 21	14 37.90	+ 1 31.5	4.080	5.049	3.3	19.7
5 1	14 32.96	+ 1 57.9	4.071	5.043	3.4	19.7
5 11	14 28.05	+ 2 17.1	4.092	5.037	4.5	19.8
5 21	14 23.51	+ 2 27.7	4.139	5.032	6.0	19.9
5 31	14 19.64	+ 2 29.1	4.212	5.026	7.5	20.0

42355 Typhon 4 30.9 21°.47 0°.1/ 1.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 37.96	−17 24.3	21.992	22.754	1.6	21.3
4 1	14 36.91	−17 20.2	21.907	22.770	1.3	21.3
4 11	14 35.71	−17 15.2	21.847	22.787	0.9	21.2
4 21	14 34.39	−17 9.5	21.815	22.804	0.5	21.2
5 1	14 33.02	−17 3.3	21.813	22.820	0.1	21.1
5 11	14 31.66	−16 57.0	21.841	22.837	0.4	21.2
5 21	14 30.35	−16 50.7	21.898	22.854	0.9	21.2
5 31	14 29.16	−16 44.8	21.982	22.870	1.2	21.3

382095 2011 GQ_{42} 4 30.9 231°.17 2°.6/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.26	−10 18.8	2.184	2.981	13.5	21.5
4 1	14 55.32	− 9 38.1	2.084	2.970	10.7	21.3
4 11	14 49.26	− 8 50.5	2.007	2.958	7.4	21.1
4 21	14 41.55	− 7 59.3	1.955	2.946	4.0	20.9
5 1	14 32.92	− 7 9.0	1.932	2.933	2.7	20.8
5 11	14 24.26	− 6 24.6	1.937	2.920	5.6	20.9
5 21	14 16.41	− 5 50.1	1.969	2.906	9.2	21.1
5 31	14 10.12	− 5 28.8	2.025	2.892	12.5	21.3

265023 2003 HA_{42} 4 30.9 328°.33 1°.5/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.00	−15 58.9	1.558	2.359	17.8	19.4
4 1	14 59.51	−16 46.8	1.463	2.347	14.4	19.1
4 11	14 52.93	−17 29.3	1.388	2.336	10.3	18.8
4 21	14 43.73	−18 5.1	1.335	2.325	5.6	18.5
5 1	14 32.89	−18 33.8	1.309	2.315	1.5	18.2
5 11	14 21.80	−18 56.5	1.308	2.306	5.2	18.4
5 21	14 11.86	−19 15.7	1.333	2.297	10.1	18.7
5 31	14 4.25	−19 35.3	1.381	2.289	14.6	18.9

277703 2006 CL_{66} 4 30.9 133°.12 1°.4/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.51	−14 18.2	1.967	2.766	14.7	21.2
4 1	14 54.09	−13 40.0	1.882	2.768	11.6	21.0
4 11	14 48.45	−12 52.0	1.818	2.771	8.0	20.8
4 21	14 41.12	−11 57.1	1.780	2.773	4.0	20.5
5 1	14 32.93	−11 0.0	1.769	2.775	1.5	20.4
5 11	14 24.84	−10 6.1	1.785	2.777	5.0	20.6
5 21	14 17.73	− 9 20.5	1.829	2.778	8.9	20.8
5 31	14 12.32	− 8 47.1	1.896	2.780	12.4	21.0

124293 2001 QQ_{53} 4 30.9 185°.84 4°.5/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.32	− 6 5.6	1.785	2.590	15.7	20.7
4 1	14 58.88	− 5 15.7	1.702	2.591	12.5	20.5
4 11	14 51.88	− 4 21.5	1.640	2.590	8.9	20.2
4 21	14 42.92	− 3 28.1	1.604	2.589	5.5	20.0
5 1	14 32.92	− 2 41.4	1.594	2.587	4.8	20.0
5 11	14 23.00	− 2 7.3	1.612	2.585	7.6	20.1
5 21	14 14.20	− 1 49.5	1.655	2.582	11.3	20.4
5 31	14 7.37	− 1 49.9	1.721	2.578	14.8	20.6

429682 2011 HV_{9} 4 30.9 302°.83 4°.3/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.46	− 5 2.4	1.815	2.628	15.2	21.2
4 1	14 55.89	− 4 35.9	1.726	2.619	12.1	21.0
4 11	14 49.88	− 4 7.7	1.658	2.610	8.6	20.8
4 21	14 41.94	− 3 41.8	1.615	2.602	5.4	20.6
5 1	14 32.93	− 3 23.1	1.598	2.593	4.5	20.5
5 11	14 23.91	− 3 15.9	1.608	2.585	7.2	20.6
5 21	14 15.89	− 3 23.0	1.643	2.577	10.9	20.8
5 31	14 9.69	− 3 45.6	1.701	2.569	14.4	21.0

106736 2000 WN_{185} 4 30.9 206°.94 3°.9/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.99	−27 12.5	1.836	2.592	17.1	19.8
4 1	14 58.24	−27 16.5	1.739	2.588	14.2	19.6
4 11	14 51.69	−27 2.3	1.661	2.584	10.8	19.3
4 21	14 42.93	−26 28.6	1.607	2.580	7.0	19.1
5 1	14 32.93	−25 36.0	1.578	2.575	4.1	18.9
5 11	14 22.92	−24 28.9	1.576	2.570	5.2	19.0
5 21	14 14.09	−23 14.5	1.601	2.564	8.8	19.2
5 31	14 7.38	−22 0.8	1.650	2.557	12.6	19.4

303780 2005 QU_{190} 4 30.9 234°.69 0°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.00	−17 29.9	2.698	3.469	11.8	21.3
4 1	14 53.96	−17 25.4	2.591	3.460	9.5	21.1
4 11	14 48.14	−17 13.2	2.507	3.450	6.7	20.9
4 21	14 40.94	−16 54.2	2.450	3.439	3.5	20.7
5 1	14 32.96	−16 30.0	2.421	3.428	0.4	20.4
5 11	14 24.94	−16 3.5	2.422	3.418	3.4	20.6
5 21	14 17.58	−15 37.7	2.451	3.406	6.6	20.8
5 31	14 11.50	−15 15.8	2.506	3.395	9.6	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
247969 2004 AG_{17}			4 30.9 269°.06		3°.6/ 6.9 18	R
	h m	° ′			°	m
3 22	14 51.78	−35 49.2	4.694	5.364	8.4	20.1
4 1	14 48.45	−35 58.9	4.580	5.357	7.3	20.0
4 11	14 43.99	−35 58.7	4.488	5.350	6.0	19.9
4 21	14 38.71	−35 48.1	4.420	5.342	4.7	19.8
5 1	14 32.99	−35 27.3	4.379	5.335	3.8	19.7
5 11	14 27.27	−34 57.2	4.367	5.328	3.7	19.7
5 21	14 21.97	−34 19.9	4.383	5.321	4.5	19.7
5 31	14 17.45	−33 37.8	4.426	5.314	5.8	19.8
47695 2000 CC_{99}			4 30.9 169°.24		1°.4/29.8 17	
3 22	15 1.41	−13 30.8	2.114	2.902	14.1	20.5
4 1	14 56.98	−12 58.7	2.026	2.906	11.2	20.3
4 11	14 50.35	−12 18.1	1.961	2.910	7.7	20.1
4 21	14 42.08	−11 31.9	1.921	2.913	3.9	19.9
5 1	14 32.95	−10 44.0	1.910	2.916	1.5	19.7
5 11	14 23.92	− 9 59.0	1.928	2.918	4.8	20.0
5 21	14 15.85	− 9 21.4	1.973	2.919	8.6	20.2
5 31	14 9.46	− 8 54.7	2.042	2.919	12.0	20.4
165911 2001 TD_{7}			4 30.9 77°.03		2°.2/29.7 18	
3 22	15 6.93	− 6 52.1	2.248	3.030	13.6	19.1
4 1	15 0.96	− 7 11.0	2.175	3.051	10.7	18.9
4 11	14 52.88	− 7 29.5	2.125	3.071	7.4	18.7
4 21	14 43.28	− 7 49.1	2.102	3.091	4.0	18.5
5 1	14 32.95	− 8 11.3	2.109	3.111	2.2	18.4
5 11	14 22.82	− 8 37.6	2.145	3.131	4.8	18.6
5 21	14 13.72	− 9 8.8	2.211	3.151	8.1	18.9
5 31	14 6.32	− 9 45.8	2.302	3.171	11.1	19.1
522803 2016 NW_{79}			4 30.9 108°.63		1°.8/29.0 17	
3 22	14 55.50	−12 36.6	2.436	3.230	12.3	21.8
4 1	14 51.97	−11 46.4	2.354	3.238	9.7	21.6
4 11	14 46.69	−10 49.0	2.295	3.247	6.6	21.5
4 21	14 40.14	− 9 47.5	2.263	3.255	3.4	21.3
5 1	14 32.99	− 8 46.1	2.260	3.264	1.9	21.2
5 11	14 25.95	− 7 49.6	2.286	3.272	4.6	21.4
5 21	14 19.70	− 7 1.9	2.339	3.280	7.7	21.6
5 31	14 14.80	− 6 26.0	2.418	3.288	10.6	21.8
114386 2002 YG_{1}			4 30.9 203°.24		0°.2/30.8 18	
3 22	15 5.00	−15 54.8	1.772	2.559	16.5	20.4
4 1	15 0.50	−15 47.1	1.677	2.555	13.2	20.1
4 11	14 53.23	−15 29.3	1.603	2.550	9.3	19.9
4 21	14 43.72	−15 2.5	1.553	2.545	4.7	19.6
5 1	14 32.94	−14 29.5	1.531	2.538	0.2	19.2
5 11	14 22.12	−13 55.0	1.536	2.531	5.0	19.6
5 21	14 12.44	−13 24.1	1.568	2.524	9.6	19.8
5 31	14 4.85	−13 1.7	1.624	2.515	13.8	20.0
333291 1999 VR_{34}			4 30.9 240°.05		2°.3/ 3.2 18	
3 22	14 59.47	−25 50.9	2.552	3.294	13.2	21.4
4 1	14 55.40	−25 29.7	2.433	3.277	10.9	21.2
4 11	14 49.28	−24 53.6	2.336	3.259	8.1	21.0
4 21	14 41.58	−24 2.7	2.264	3.241	5.0	20.7
5 1	14 32.98	−22 58.4	2.221	3.222	2.5	20.5
5 11	14 24.31	−21 44.8	2.207	3.202	3.7	20.6
5 21	14 16.41	−20 27.0	2.222	3.182	6.9	20.8
5 31	14 9.96	−19 11.0	2.264	3.161	10.2	20.9
42341 2002 AK_{34}			4 30.9 208°.97		3°.1/28.5 17	
3 22	15 1.33	−10 32.7	1.903	2.704	15.0	19.7
4 1	14 57.26	− 9 37.8	1.810	2.698	11.9	19.5
4 11	14 50.76	− 8 34.0	1.739	2.691	8.3	19.2
4 21	14 42.38	− 7 25.7	1.693	2.684	4.6	19.0
5 1	14 32.97	− 6 18.6	1.675	2.676	3.3	18.9
5 11	14 23.57	− 5 19.1	1.685	2.667	6.5	19.1
5 21	14 15.17	− 4 32.7	1.722	2.657	10.4	19.3
5 31	14 8.60	− 4 3.0	1.782	2.647	14.0	19.5
336148 2008 QP_{38}			4 30.9 297°.99		4°.1/ 3.6 17	
3 22	14 58.52	−26 0.4	1.777	2.547	17.1	21.0
4 1	14 55.76	−26 21.0	1.671	2.529	14.3	20.7
4 11	14 50.19	−26 25.6	1.584	2.512	10.9	20.5
4 21	14 42.30	−26 12.3	1.519	2.494	7.2	20.2
5 1	14 32.97	−25 40.8	1.480	2.477	4.3	20.0
5 11	14 23.42	−24 54.1	1.466	2.460	5.4	20.0
5 21	14 14.91	−23 58.3	1.478	2.443	9.2	20.2
5 31	14 8.47	−23 0.8	1.513	2.426	13.2	20.4
250773 2005 TV_{11}			4 30.9 237°.75		0°.8/30.1 16	
3 22	14 56.05	−14 18.7	2.554	3.341	12.0	21.8
4 1	14 52.46	−13 55.3	2.456	3.336	9.5	21.6
4 11	14 47.10	−13 24.6	2.381	3.330	6.6	21.4
4 21	14 40.41	−12 48.7	2.332	3.325	3.3	21.2
5 1	14 33.00	−12 10.4	2.312	3.319	0.9	21.0
5 11	14 25.60	−11 33.4	2.321	3.313	3.9	21.2
5 21	14 18.90	−11 1.0	2.357	3.307	7.2	21.4
5 31	14 13.50	−10 36.5	2.419	3.301	10.2	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
94505 2001 UF_{67}			4 30.9 90°.90		0°.8/30.4 18	
	h m	° ′			°	m
3 22	15 1.37	−15 41.9	1.428	2.239	18.6	20.8
4 1	14 58.01	−15 18.5	1.354	2.247	14.8	20.5
4 11	14 51.63	−14 42.2	1.300	2.254	10.3	20.3
4 21	14 42.90	−13 55.9	1.268	2.262	5.2	20.0
5 1	14 32.96	−13 4.5	1.262	2.269	0.9	19.7
5 11	14 23.22	−12 14.9	1.281	2.277	5.8	20.1
5 21	14 14.93	−11 33.4	1.325	2.284	10.7	20.4
5 31	14 9.03	−11 5.4	1.391	2.291	15.0	20.7
362840 2012 BO_{12}			4 30.9 332°.65		2°.1/29.6 17	
3 22	14 55.37	−13 9.4	1.309	2.142	18.8	20.5
4 1	14 53.72	−12 40.9	1.225	2.131	15.0	20.2
4 11	14 48.99	−12 0.2	1.159	2.120	10.4	19.9
4 21	14 41.72	−11 11.0	1.116	2.110	5.3	19.6
5 1	14 32.99	−10 19.3	1.096	2.101	2.3	19.4
5 11	14 24.20	− 9 32.7	1.100	2.093	6.9	19.6
5 21	14 16.71	− 8 58.3	1.126	2.086	12.1	19.9
5 31	14 11.63	− 8 41.1	1.173	2.079	16.8	20.1
105499 2000 QS_{230}			4 30.9 144°.67		0°.8/30.0 18	
3 22	14 57.33	−13 35.6	3.007	3.784	10.6	21.3
4 1	14 53.04	−13 13.5	2.921	3.795	8.3	21.1
4 11	14 47.26	−12 45.9	2.858	3.805	5.7	20.9
4 21	14 40.40	−12 14.5	2.823	3.814	2.9	20.8
5 1	14 33.01	−11 41.9	2.817	3.823	0.9	20.6
5 11	14 25.71	−11 10.9	2.841	3.832	3.4	20.8
5 21	14 19.07	−10 44.2	2.895	3.840	6.2	21.0
5 31	14 13.56	−10 24.0	2.974	3.848	8.7	21.2
585 Bilkis			4 30.9 54°.29		3°.7/28.3 18	R
3 22	14 57.68	−11 9.7	1.413	2.240	18.0	13.8
4 1	14 54.90	−10 2.5	1.350	2.252	14.1	13.6
4 11	14 49.31	− 8 44.8	1.306	2.265	9.7	13.4
4 21	14 41.65	− 7 23.1	1.286	2.278	5.3	13.2
5 1	14 33.00	− 6 5.5	1.291	2.291	3.9	13.1
5 11	14 24.64	− 5 0.4	1.321	2.305	7.5	13.4
5 21	14 17.68	− 4 13.7	1.375	2.319	11.8	13.6
5 31	14 12.92	− 3 48.7	1.451	2.333	15.6	13.9
106486 2000 WG_{24}			4 30.9 90°.29		2°.9/28.2 18	
3 22	14 56.14	− 7 57.7	2.426	3.226	12.2	19.8
4 1	14 52.44	− 7 16.7	2.349	3.237	9.6	19.6
4 11	14 47.00	− 6 32.1	2.297	3.248	6.6	19.5
4 21	14 40.31	− 5 47.3	2.271	3.259	3.8	19.3
5 1	14 33.02	− 5 6.3	2.273	3.270	3.1	19.3
5 11	14 25.86	− 4 32.9	2.303	3.281	5.3	19.4
5 21	14 19.49	− 4 10.0	2.361	3.291	8.2	19.6
5 31	14 14.46	− 3 59.3	2.443	3.302	10.9	19.8
522780 2016 NK_{77}			4 30.9 173°.85		3°.2/ 4.2 17	
3 22	14 58.44	−27 59.8	2.889	3.616	12.1	22.7
4 1	14 54.25	−28 4.8	2.788	3.618	10.1	22.6
4 11	14 48.29	−27 57.5	2.710	3.620	7.7	22.4
4 21	14 41.00	−27 37.4	2.656	3.621	5.2	22.2
5 1	14 33.01	−27 5.2	2.631	3.622	3.3	22.1
5 11	14 25.05	−26 23.4	2.634	3.623	3.8	22.2
5 21	14 17.82	−25 35.5	2.666	3.623	6.1	22.3
5 31	14 11.91	−24 45.9	2.725	3.623	8.6	22.5
303831 2005 SJ_{127}			4 30.9 141°.89		1°.7/29.2 17	
3 22	14 55.19	−12 31.7	2.504	3.297	12.0	21.3
4 1	14 51.73	−11 49.6	2.416	3.300	9.5	21.1
4 11	14 46.55	−11 0.6	2.351	3.303	6.5	20.9
4 21	14 40.11	−10 7.6	2.313	3.305	3.3	20.7
5 1	14 33.02	− 9 14.3	2.303	3.307	1.8	20.6
5 11	14 26.01	− 8 25.0	2.323	3.309	4.4	20.8
5 21	14 19.74	− 7 43.5	2.369	3.312	7.6	21.0
5 31	14 14.76	− 7 12.6	2.441	3.314	10.4	21.2
503417 2016 DA_{21}			4 30.9 21°.42		2°.3/29.5 17	
3 22	14 58.77	−12 16.6	1.429	2.251	18.1	21.0
4 1	14 55.97	−11 45.1	1.353	2.253	14.3	20.7
4 11	14 50.24	−11 3.7	1.297	2.255	9.9	20.5
4 21	14 42.22	−10 16.2	1.264	2.258	5.1	20.2
5 1	14 33.00	− 9 28.6	1.256	2.260	2.5	20.0
5 11	14 23.90	− 8 47.4	1.272	2.263	6.6	20.3
5 21	14 16.14	− 8 18.4	1.313	2.267	11.3	20.6
5 31	14 10.66	− 8 5.4	1.376	2.270	15.5	20.8
290531 2005 UN_{54}			4 30.9 269°.27		0°.3/ 1.1 18	R
3 22	15 0.08	−15 48.9	2.537	3.312	12.4	21.2
4 1	14 55.83	−15 58.9	2.423	3.294	10.0	21.0
4 11	14 49.59	−16 2.8	2.332	3.276	7.0	20.7
4 21	14 41.77	−16 1.1	2.267	3.257	3.7	20.5
5 1	14 33.01	−15 55.2	2.231	3.239	0.3	20.2
5 11	14 24.10	−15 47.2	2.224	3.220	3.6	20.4
5 21	14 15.84	−15 39.7	2.246	3.201	7.2	20.6
5 31	14 8.95	−15 35.7	2.293	3.181	10.4	20.8

13884 1064 T-1 4 30.9 5°.59 3°.3/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.47	−21 19.5	1.196	2.010	21.4	18.8
4 1	14 58.28	−21 53.2	1.121	2.009	17.5	18.6
4 11	14 52.45	−22 11.0	1.062	2.010	12.8	18.3
4 21	14 43.59	−22 11.1	1.024	2.011	7.6	18.0
5 1	14 32.99	−21 54.0	1.008	2.012	3.4	17.8
5 11	14 22.39	−21 24.0	1.016	2.014	6.1	17.9
5 21	14 13.46	−20 48.5	1.046	2.017	11.3	18.2
5 31	14 7.44	−20 16.0	1.097	2.020	16.2	18.5

366598 2002 VY_{124} 4 30.9 168°.39 3°.3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.91	− 7 20.4	2.156	2.952	13.7	21.9
4 1	14 57.27	− 6 43.5	2.072	2.956	10.8	21.7
4 11	14 50.51	− 6 2.9	2.011	2.960	7.6	21.5
4 21	14 42.17	− 5 22.2	1.976	2.964	4.4	21.3
5 1	14 33.01	− 4 45.8	1.969	2.966	3.5	21.3
5 11	14 23.96	− 4 17.9	1.991	2.968	6.0	21.4
5 21	14 15.84	− 4 1.6	2.040	2.970	9.3	21.6
5 31	14 9.34	− 3 58.8	2.113	2.970	12.4	21.8

366297 2013 BW_{79} 4 30.9 148°.98 9°.1/10.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 8.30	−46 43.5	2.879	3.475	14.5	21.6
4 1	15 2.96	−48 0.1	2.785	3.481	13.2	21.5
4 11	14 54.90	−48 59.7	2.709	3.486	11.8	21.4
4 21	14 44.61	−49 37.8	2.654	3.492	10.5	21.3
5 1	14 32.98	−49 50.7	2.622	3.497	9.5	21.2
5 11	14 21.19	−49 38.1	2.614	3.502	9.1	21.2
5 21	14 10.42	−49 2.7	2.631	3.506	9.6	21.3
5 31	14 1.64	−48 9.9	2.671	3.510	10.7	21.3

146733 2001 XE_{52} 4 30.9 277°.41 0°.4/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.16	−18 44.0	2.362	3.140	13.1	20.0
4 1	14 53.73	−18 24.0	2.244	3.116	10.6	19.8
4 11	14 48.25	−17 53.0	2.148	3.092	7.5	19.6
4 21	14 41.13	−17 11.9	2.077	3.067	4.0	19.3
5 1	14 33.03	−16 23.2	2.035	3.042	0.4	19.0
5 11	14 24.79	−15 31.0	2.021	3.017	3.9	19.2
5 21	14 17.25	−14 39.8	2.034	2.991	7.7	19.4
5 31	14 11.14	−13 54.5	2.074	2.966	11.1	19.5

508664 2017 US_{9} 4 30.9 271°.13 2°.2/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.88	−10 59.3	1.753	2.557	16.0	21.4
4 1	14 58.21	−10 42.6	1.647	2.536	12.8	21.2
4 11	14 51.81	−10 18.9	1.561	2.514	9.0	20.9
4 21	14 43.12	− 9 51.0	1.500	2.492	4.7	20.6
5 1	14 33.01	− 9 22.5	1.465	2.470	2.3	20.4
5 11	14 22.65	− 8 58.6	1.457	2.447	6.1	20.5
5 21	14 13.23	− 8 43.7	1.475	2.424	10.7	20.7
5 31	14 5.78	− 8 41.4	1.516	2.400	14.9	20.9

69266 1988 RJ_{6} 4 30.9 185°.73 2°.1/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.73	−22 46.9	2.196	2.952	14.7	20.2
4 1	14 58.98	−22 47.0	2.098	2.952	12.0	20.0
4 11	14 51.87	−22 34.2	2.021	2.951	8.7	19.8
4 21	14 42.94	−22 8.5	1.969	2.950	5.1	19.5
5 1	14 33.01	−21 31.2	1.945	2.948	2.2	19.3
5 11	14 23.10	−20 45.8	1.949	2.945	4.1	19.5
5 21	14 14.16	−19 57.3	1.982	2.941	7.7	19.7
5 31	14 6.98	−19 11.1	2.041	2.937	11.1	19.9

231372 2006 HA_{36} 4 30.9 309°.63 0°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.38	−16 51.0	1.923	2.718	15.1	20.9
4 1	14 54.17	−16 26.5	1.833	2.716	12.0	20.7
4 11	14 48.63	−15 50.7	1.765	2.714	8.4	20.5
4 21	14 41.32	−15 5.5	1.721	2.713	4.2	20.2
5 1	14 33.04	−14 14.8	1.703	2.711	0.3	19.9
5 11	14 24.81	−13 23.7	1.714	2.709	4.5	20.2
5 21	14 17.57	−12 37.5	1.751	2.708	8.7	20.5
5 31	14 12.08	−12 0.9	1.811	2.706	12.4	20.7

519069 2010 LN 4 30.9 317°.31 9°.0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.50	+ 8 26.4	1.984	2.790	14.3	19.9
4 1	14 54.06	+ 9 33.1	1.909	2.782	12.1	19.8
4 11	14 48.45	+10 32.8	1.855	2.773	10.2	19.6
4 21	14 41.18	+11 18.5	1.825	2.764	9.1	19.5
5 1	14 33.04	+11 43.9	1.819	2.756	9.5	19.5
5 11	14 24.97	+11 44.9	1.838	2.748	11.2	19.6
5 21	14 17.83	+11 20.5	1.880	2.741	13.5	19.7
5 31	14 12.32	+10 32.3	1.941	2.733	15.8	19.9

151008 2001 UR_{80} 4 30.9 137°.00 0°.3/30.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 5.44	−13 26.5	1.935	2.721	15.4	20.5
4 1	15 0.47	−13 44.3	1.849	2.727	12.2	20.2
4 11	14 52.97	−13 56.6	1.785	2.732	8.5	20.0
4 21	14 43.52	−14 4.2	1.746	2.738	4.3	19.8
5 1	14 33.02	−14 8.5	1.735	2.743	0.3	19.5
5 11	14 22.57	−14 12.1	1.753	2.748	4.6	19.8
5 21	14 13.21	−14 17.6	1.798	2.752	8.7	20.1
5 31	14 5.77	−14 28.0	1.868	2.757	12.3	20.3

438028 2004 EH_{96} 4 30.9 30°.34 0°.0/ 1.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 36.83	−15 39.4	30.383	31.151	1.2	23.0
4 1	14 36.05	−15 35.6	30.288	31.157	0.9	22.9
4 11	14 35.14	−15 31.2	30.220	31.163	0.6	22.9
4 21	14 34.16	−15 26.4	30.179	31.170	0.3	22.8
5 1	14 33.15	−15 21.3	30.168	31.176	0.0	22.8
5 11	14 32.13	−15 16.3	30.187	31.182	0.3	22.8
5 21	14 31.15	−15 11.3	30.235	31.189	0.6	22.9
5 31	14 30.25	−15 6.8	30.310	31.195	0.9	22.9

285413 1999 VC_{17} 4 30.9 192°.94 0°.8/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.93	−19 5.9	2.132	2.902	14.6	22.6
4 1	14 58.37	−18 56.6	2.034	2.901	11.7	22.4
4 11	14 51.47	−18 36.2	1.958	2.898	8.3	22.1
4 21	14 42.76	−18 5.4	1.907	2.895	4.5	21.9
5 1	14 33.05	−17 26.3	1.884	2.891	0.8	21.6
5 11	14 23.34	−16 43.2	1.890	2.886	4.1	21.9
5 21	14 14.58	−16 0.7	1.924	2.881	8.0	22.1
5 31	14 7.57	−15 23.6	1.983	2.874	11.6	22.3

56888 2000 QG_{134} 4 30.9 148°.33 4°.8/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.34	− 1 5.4	2.600	3.401	11.5	19.7
4 1	14 52.48	− 0 8.0	2.524	3.407	9.2	19.6
4 11	14 46.99	+ 0 49.3	2.471	3.412	6.8	19.4
4 21	14 40.33	+ 1 42.1	2.446	3.418	5.1	19.3
5 1	14 33.08	+ 2 25.9	2.448	3.423	5.1	19.3
5 11	14 25.94	+ 2 57.2	2.479	3.427	6.8	19.5
5 21	14 19.52	+ 3 13.7	2.535	3.432	9.1	19.6
5 31	14 14.34	+ 3 14.7	2.616	3.436	11.4	19.8

201374 2002 TM_{381} 4 30.9 336°.15 0°.8/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.19	−14 59.3	2.063	2.859	14.2	21.2
4 1	14 53.81	−14 34.3	1.974	2.858	11.3	21.0
4 11	14 48.28	−14 0.1	1.907	2.858	7.8	20.7
4 21	14 41.11	−13 19.0	1.865	2.858	3.9	20.5
5 1	14 33.07	−12 34.7	1.850	2.857	0.9	20.3
5 11	14 25.09	−11 51.7	1.863	2.857	4.5	20.5
5 21	14 18.02	−11 14.6	1.903	2.857	8.4	20.8
5 31	14 12.57	−10 47.1	1.968	2.856	11.8	21.0

286515 2002 CY_{31} 4 30.9 65°.13 2°.9/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.86	−10 4.3	1.430	2.250	18.2	20.5
4 1	14 58.39	− 9 42.5	1.356	2.254	14.4	20.2
4 11	14 51.91	− 9 13.9	1.302	2.259	10.0	20.0
4 21	14 43.10	− 8 42.4	1.271	2.264	5.3	19.7
5 1	14 33.05	− 8 13.3	1.265	2.268	3.0	19.6
5 11	14 23.16	− 7 52.2	1.284	2.273	6.8	19.8
5 21	14 14.66	− 7 43.2	1.328	2.278	11.5	20.1
5 31	14 8.52	− 7 49.3	1.393	2.283	15.6	20.4

53348 1999 JC_{59} 4 30.9 40°.37 6°.4/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.88	+ 0 9.1	1.603	2.419	16.7	17.7
4 1	14 58.70	+ 0 33.5	1.535	2.426	13.5	17.5
4 11	14 51.83	+ 0 54.2	1.487	2.433	10.0	17.3
4 21	14 42.95	+ 1 5.7	1.463	2.440	7.1	17.2
5 1	14 33.06	+ 1 3.1	1.464	2.448	6.6	17.2
5 11	14 23.37	+ 0 43.0	1.491	2.456	8.9	17.3
5 21	14 14.98	+ 0 4.8	1.542	2.464	12.3	17.5
5 31	14 8.69	− 0 50.3	1.615	2.473	15.5	17.8

382797 2003 UF_{44} 4 30.9 185°.48 0°.1/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.68	−17 10.0	2.595	3.368	12.2	22.2
4 1	14 54.50	−16 44.1	2.498	3.368	9.7	22.1
4 11	14 48.50	−16 9.2	2.423	3.367	6.8	21.9
4 21	14 41.15	−15 26.9	2.376	3.366	3.4	21.6
5 1	14 33.09	−14 40.0	2.357	3.364	0.1	21.3
5 11	14 25.07	−13 52.2	2.368	3.362	3.6	21.6
5 21	14 17.80	−13 7.5	2.407	3.360	6.9	21.9
5 31	14 11.88	−12 29.6	2.473	3.356	9.9	22.0

477117 2009 BR_{187} 4 30.9 334°.03 2°.9/ 2.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.77	−23 19.0	1.831	2.614	16.2	20.8
4 1	14 53.31	−23 32.0	1.733	2.602	13.3	20.5
4 11	14 48.33	−23 30.9	1.655	2.591	9.9	20.3
4 21	14 41.30	−23 14.9	1.599	2.581	6.1	20.1
5 1	14 33.08	−22 45.1	1.569	2.571	3.0	19.8
5 11	14 24.78	−22 5.2	1.565	2.562	4.7	19.9
5 21	14 17.46	−21 20.3	1.587	2.554	8.6	20.1
5 31	14 12.04	−20 36.9	1.633	2.546	12.4	20.3

264432 2000 ST_{96} 4 30.9 92°.06 6°.8/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.38	−32 38.1	1.885	2.615	17.6	20.1
4 1	14 58.72	−33 24.7	1.795	2.616	15.1	19.9
4 11	14 52.17	−33 53.3	1.722	2.618	12.2	19.7
4 21	14 43.28	−34 0.2	1.672	2.619	9.2	19.5
5 1	14 33.06	−33 43.3	1.646	2.620	7.1	19.4
5 11	14 22.81	−33 4.7	1.645	2.621	7.1	19.4
5 21	14 13.77	−32 9.8	1.670	2.623	9.4	19.5
5 31	14 6.95	−31 6.6	1.719	2.624	12.4	19.7

322637 1998 SF_{80} 4 30.9 259°.00 3°.8/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 2.58	−25 6.3	1.894	2.655	16.5	21.1
4 1	14 58.84	−25 29.3	1.784	2.638	13.8	20.9
4 11	14 52.30	−25 38.3	1.694	2.620	10.4	20.6
4 21	14 43.42	−25 31.2	1.626	2.602	6.7	20.3
5 1	14 33.06	−25 7.5	1.585	2.583	3.9	20.1
5 11	14 22.45	−24 29.8	1.571	2.564	5.2	20.2
5 21	14 12.82	−23 43.2	1.583	2.545	9.0	20.3
5 31	14 5.22	−22 54.6	1.619	2.525	13.0	20.5

74898 1999 TL_{123} 4 30.9 218°.51 3°.4/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.06	− 9 33.6	1.877	2.683	15.0	19.3
4 1	14 56.31	− 8 39.5	1.786	2.676	11.9	19.1
4 11	14 50.15	− 7 37.5	1.716	2.669	8.3	18.9
4 21	14 42.13	− 6 32.0	1.671	2.661	4.7	18.6
5 1	14 33.08	− 5 29.0	1.654	2.653	3.6	18.6
5 11	14 24.04	− 4 34.7	1.665	2.644	6.7	18.7
5 21	14 15.99	− 3 54.3	1.701	2.635	10.5	18.9
5 31	14 9.74	− 3 31.0	1.760	2.626	14.1	19.1

166159 2002 EV_{32} 4 30.9 154°.27 1°.3/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 5.37	−18 13.1	1.662	2.448	17.5	20.7
4 1	15 0.98	−18 31.4	1.577	2.452	14.1	20.4
4 11	14 53.66	−18 39.2	1.512	2.456	10.0	20.2
4 21	14 44.01	−18 36.4	1.471	2.459	5.5	19.9
5 1	14 33.06	−18 24.0	1.456	2.462	1.4	19.7
5 11	14 22.15	−18 5.7	1.468	2.465	4.8	19.9
5 21	14 12.52	−17 46.2	1.506	2.467	9.4	20.2
5 31	14 5.16	−17 30.5	1.568	2.469	13.6	20.4

423501 2005 TQ_{150} 4 30.9 166°.91 1°.8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.34	−12 0.2	2.281	3.069	13.2	23.1
4 1	14 55.97	−11 23.8	2.193	3.074	10.4	22.9
4 11	14 49.59	−10 40.4	2.129	3.079	7.2	22.7
4 21	14 41.72	− 9 53.0	2.091	3.082	3.7	22.5
5 1	14 33.09	− 9 5.4	2.082	3.086	1.9	22.4
5 11	14 24.56	− 8 22.2	2.101	3.088	4.9	22.6
5 21	14 16.90	− 7 47.2	2.149	3.090	8.3	22.8
5 31	14 10.76	− 7 23.3	2.221	3.091	11.4	23.0

17323 3284 $T\text{-}_{1}$ 4 30.9 167°.31 2°.3/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.98	−23 8.0	2.610	3.361	12.7	19.3
4 1	14 55.64	−23 23.6	2.513	3.363	10.4	19.1
4 11	14 49.37	−23 29.1	2.438	3.365	7.6	18.9
4 21	14 41.63	−23 24.2	2.389	3.367	4.7	18.7
5 1	14 33.09	−23 9.5	2.368	3.369	2.4	18.6
5 11	14 24.56	−22 47.3	2.376	3.370	3.6	18.7
5 21	14 16.79	−22 20.8	2.412	3.371	6.5	18.8
5 31	14 10.45	−21 53.9	2.475	3.372	9.4	19.0

87339 2000 QQ_{22} 4 30.9 306°.97 0°.9/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.59	−14 46.7	1.571	2.384	17.1	19.9
4 1	14 55.37	−14 32.6	1.455	2.349	13.9	19.6
4 11	14 50.23	−14 7.1	1.359	2.314	9.8	19.2
4 21	14 42.52	−13 31.5	1.286	2.280	5.1	18.9
5 1	14 33.08	−12 49.4	1.238	2.245	1.0	18.5
5 11	14 23.18	−12 6.5	1.215	2.210	6.0	18.7
5 21	14 14.15	−11 29.3	1.216	2.176	11.3	18.9
5 31	14 7.23	−11 4.1	1.240	2.142	16.3	19.1

332145 2005 XK_{50} 4 30.9 224°.47 2°.7/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.54	−25 8.6	2.364	3.110	14.0	21.5
4 1	14 57.24	−25 9.5	2.253	3.099	11.6	21.3
4 11	14 50.71	−24 57.0	2.163	3.087	8.6	21.1
4 21	14 42.41	−24 30.4	2.098	3.074	5.4	20.9
5 1	14 33.09	−23 50.5	2.061	3.061	2.9	20.7
5 11	14 23.69	−23 0.5	2.053	3.047	4.1	20.8
5 21	14 15.12	−22 5.1	2.073	3.032	7.4	20.9
5 31	14 8.17	−21 9.9	2.119	3.017	10.7	21.1

4156 Okadanoboru 4 30.9 131°.57 6°.6/ 7.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.36	−36 39.0	2.366	3.051	15.5	17.6
4 1	14 59.60	−37 12.4	2.278	3.064	13.4	17.5
4 11	14 52.35	−37 27.7	2.209	3.076	11.0	17.3
4 21	14 43.21	−37 22.0	2.162	3.088	8.7	17.2
5 1	14 33.09	−36 54.0	2.141	3.099	6.9	17.1
5 11	14 23.07	−36 6.0	2.147	3.110	6.7	17.1
5 21	14 14.18	−35 2.8	2.180	3.121	8.2	17.2
5 31	14 7.22	−33 51.3	2.238	3.130	10.4	17.4

169890 2002 RC_{172} 4 30.9 314°.99 1°.3/ 1.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.44	−17 3.4	1.660	2.461	16.9	20.8
4 1	14 56.74	−17 30.5	1.546	2.431	13.8	20.5
4 11	14 51.13	−17 49.8	1.452	2.400	9.9	20.2
4 21	14 42.97	−18 0.9	1.380	2.370	5.5	19.8
5 1	14 33.09	−18 4.3	1.333	2.340	1.3	19.5
5 11	14 22.74	−18 2.2	1.313	2.311	5.1	19.6
5 21	14 13.23	−17 58.3	1.318	2.282	10.1	19.8
5 31	14 5.81	−17 57.5	1.345	2.254	14.8	20.0

156466 2002 CG_{10} 4 30.9 153°.40 14°.8/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 18.44	−40 7.8	1.296	2.002	25.2	21.6
4 1	15 14.27	−42 34.0	1.222	2.009	22.7	21.4
4 11	15 4.88	−44 39.0	1.162	2.015	19.8	21.2
4 21	14 50.60	−46 9.7	1.120	2.020	17.1	21.1
5 1	14 33.02	−46 53.3	1.097	2.024	15.2	21.0
5 11	14 14.89	−46 45.2	1.096	2.028	15.0	21.0
5 21	13 59.13	−45 51.7	1.115	2.031	16.4	21.1
5 31	13 47.88	−44 28.3	1.153	2.034	18.9	21.2

278339 2007 HF_{91} 4 30.9 19°.03 0°.5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.93	−14 47.9	1.792	2.592	15.9	20.7
4 1	14 56.37	−14 43.9	1.707	2.593	12.6	20.5
4 11	14 50.28	−14 31.3	1.642	2.593	8.8	20.2
4 21	14 42.23	−14 11.7	1.602	2.595	4.5	20.0
5 1	14 33.11	−13 48.1	1.588	2.596	0.5	19.7
5 11	14 24.05	−13 24.6	1.602	2.597	4.8	20.0
5 21	14 16.06	−13 5.4	1.641	2.598	9.1	20.3
5 31	14 10.00	−12 54.5	1.704	2.600	12.9	20.5

190368 1999 RR_{56} 4 30.9 115°.83 4°.0/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.47	−29 54.6	2.558	3.274	13.8	21.0
4 1	14 58.36	−30 8.0	2.477	3.296	11.5	20.9
4 11	14 51.19	−30 7.0	2.417	3.318	8.9	20.7
4 21	14 42.51	−29 50.5	2.381	3.339	6.2	20.6
5 1	14 33.11	−29 19.0	2.373	3.359	4.2	20.5
5 11	14 23.90	−28 35.2	2.395	3.379	4.6	20.5
5 21	14 15.67	−27 43.7	2.444	3.398	6.7	20.7
5 31	14 9.07	−26 49.7	2.520	3.416	9.3	20.9

198978 2005 VT_{29} 4 30.9 5°.82 0°.6/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.79	−17 15.9	1.307	2.126	19.6	20.2
4 1	14 56.41	−16 45.3	1.230	2.126	15.7	19.9
4 11	14 50.82	−15 58.0	1.170	2.126	10.9	19.7
4 21	14 42.66	−14 57.0	1.133	2.127	5.6	19.4
5 1	14 33.11	−13 47.8	1.120	2.127	0.6	19.0
5 11	14 23.67	−12 39.1	1.131	2.128	6.0	19.4
5 21	14 15.70	−11 39.2	1.166	2.129	11.4	19.7
5 31	14 10.26	−10 55.2	1.223	2.130	16.1	20.0

385531 2004 PX_{36} 4 30.9 258°.47 6°.3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.44	− 1 38.6	2.012	2.824	13.9	21.5
4 1	14 54.11	− 0 14.4	1.918	2.808	11.2	21.3
4 11	14 48.59	+ 1 13.2	1.847	2.791	8.5	21.0
4 21	14 41.35	+ 2 37.6	1.802	2.774	6.6	20.9
5 1	14 33.14	+ 3 51.5	1.784	2.757	6.8	20.9
5 11	14 24.88	+ 4 48.3	1.792	2.739	9.1	21.0
5 21	14 17.46	+ 5 23.6	1.826	2.721	12.2	21.1
5 31	14 11.63	+ 5 35.8	1.880	2.702	15.1	21.3

481571 2007 TZ_{27} 4 30.9 199°.69 0°.5/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 53.55	−13 40.2	4.255	5.025	7.8	22.5
4 1	14 49.73	−13 28.2	4.151	5.021	6.2	22.4
4 11	14 44.86	−13 12.4	4.071	5.016	4.2	22.2
4 21	14 39.21	−12 54.0	4.020	5.011	2.1	22.1
5 1	14 33.17	−12 34.3	3.999	5.006	0.5	21.9
5 11	14 27.13	−12 15.2	4.009	5.000	2.5	22.1
5 21	14 21.48	−11 58.4	4.048	4.995	4.6	22.2
5 31	14 16.57	−11 45.3	4.115	4.988	6.5	22.4

366431 2001 VB_{99} 4 30.9 155°.25 10°.2/18.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.35	+22 31.4	2.835	3.568	12.2	21.7
4 1	14 57.82	+23 53.9	2.789	3.580	11.1	21.6
4 11	14 50.57	+25 2.6	2.766	3.591	10.4	21.5
4 21	14 42.12	+25 52.1	2.767	3.601	10.2	21.5
5 1	14 33.14	+26 17.8	2.791	3.609	10.6	21.6
5 11	14 24.37	+26 18.1	2.839	3.618	11.5	21.7
5 21	14 16.46	+25 53.7	2.908	3.625	12.6	21.8
5 31	14 9.95	+25 7.0	2.995	3.631	13.8	21.9

105471 2000 QP_{209} 4 30.9 89°.37 2°.9/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.67	−11 38.7	1.877	2.682	15.0	19.4
4 1	14 54.92	−10 30.0	1.810	2.701	11.8	19.3
4 11	14 48.96	− 9 12.6	1.765	2.719	8.0	19.1
4 21	14 41.41	− 7 51.6	1.746	2.737	4.4	18.9
5 1	14 33.16	− 6 33.5	1.755	2.755	3.1	18.8
5 11	14 25.17	− 5 24.9	1.791	2.773	6.1	19.1
5 21	14 18.28	− 4 30.5	1.854	2.790	9.7	19.3
5 31	14 13.15	− 3 53.7	1.940	2.807	12.9	19.5

488677 2003 UM_{257} 4 30.9 216°.90 0°.8/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.32	−20 29.5	2.456	3.223	13.0	22.1
4 1	14 54.45	−20 3.9	2.351	3.216	10.5	21.9
4 11	14 48.63	−19 26.6	2.269	3.208	7.4	21.6
4 21	14 41.30	−18 38.5	2.212	3.200	4.0	21.4
5 1	14 33.17	−17 42.3	2.184	3.191	0.8	21.2
5 11	14 25.04	−16 42.2	2.186	3.182	3.6	21.4
5 21	14 17.68	−15 42.9	2.215	3.173	7.1	21.6
5 31	14 11.75	−14 49.3	2.271	3.163	10.3	21.7

181303 2006 QY_{20} 4 30.9 241°.51 2°.0/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.73	−12 36.5	1.929	2.726	15.0	21.5
4 1	14 56.94	−11 59.7	1.826	2.712	11.9	21.3
4 11	14 50.70	−11 13.5	1.746	2.697	8.3	21.0
4 21	14 42.50	−10 20.9	1.690	2.682	4.3	20.8
5 1	14 33.16	− 9 26.3	1.662	2.666	2.1	20.6
5 11	14 23.73	− 8 35.5	1.661	2.650	5.7	20.8
5 21	14 15.21	− 7 53.8	1.687	2.633	9.8	21.0
5 31	14 8.48	− 7 25.5	1.737	2.615	13.7	21.2

134938 2001 BW_{29} 4 30.9 352°.96 4°.4/ 3.7 18

3 22	14 58.92	−26 11.4	1.442	2.228	19.7	19.6
4 1	14 56.56	−26 30.0	1.358	2.226	16.4	19.4
4 11	14 50.99	−26 28.9	1.291	2.224	12.4	19.1
4 21	14 42.82	−26 6.0	1.245	2.223	8.1	18.9
5 1	14 33.16	−25 21.9	1.223	2.222	4.7	18.7
5 11	14 23.51	−24 21.6	1.226	2.221	5.9	18.7
5 21	14 15.28	−23 13.3	1.253	2.221	10.1	19.0
5 31	14 9.57	−22 6.3	1.302	2.222	14.4	19.2

412661 2014 OA_{195} 4 30.9 297°.05 4°.5/ 3.1 17

3 22	15 2.56	−23 46.2	1.408	2.197	19.9	20.7
4 1	14 59.75	−24 31.2	1.316	2.187	16.6	20.5
4 11	14 53.48	−25 1.6	1.242	2.178	12.5	20.2
4 21	14 44.24	−25 14.4	1.189	2.168	8.1	19.9
5 1	14 33.15	−25 8.0	1.160	2.159	4.7	19.7
5 11	14 21.82	−24 44.6	1.155	2.150	6.3	19.8
5 21	14 11.84	−24 10.3	1.175	2.141	10.8	20.0
5 31	14 4.55	−23 33.4	1.216	2.133	15.4	20.2

60043 1999 TT_{102} 4 30.9 287°.19 7°.7/23.0 18

3 22	14 56.72	+ 7 8.6	2.403	3.202	12.3	19.3
4 1	14 53.20	+ 8 17.2	2.307	3.177	10.4	19.1
4 11	14 47.79	+ 9 22.0	2.234	3.152	8.7	18.9
4 21	14 40.91	+10 16.9	2.186	3.127	7.8	18.8
5 1	14 33.19	+10 56.3	2.164	3.101	8.2	18.8
5 11	14 25.39	+11 15.7	2.168	3.076	9.8	18.9
5 21	14 18.26	+11 13.0	2.196	3.050	12.0	19.0
5 31	14 12.46	+10 48.4	2.245	3.025	14.3	19.1

288121 2003 WS_{68} 4 30.9 79°.24 0°.4/ 1.2 17

3 22	14 59.76	−18 52.2	1.571	2.371	17.7	20.9
4 1	14 56.58	−18 30.4	1.493	2.377	14.2	20.7
4 11	14 50.59	−17 53.8	1.434	2.383	10.0	20.4
4 21	14 42.44	−17 4.2	1.398	2.389	5.2	20.2
5 1	14 33.18	−16 5.7	1.388	2.396	0.4	19.8
5 11	14 24.06	−15 4.9	1.405	2.402	5.0	20.2
5 21	14 16.26	−14 8.9	1.446	2.408	9.7	20.4
5 31	14 10.63	−13 23.6	1.511	2.415	13.8	20.7

32430 2000 RQ_{83} 4 30.9 256°.58 0°.9/ 2.4 18

3 22	14 49.75	−21 14.6	4.662	5.413	7.5	19.6
4 1	14 46.75	−21 2.8	4.556	5.409	6.0	19.4
4 11	14 42.81	−20 45.1	4.473	5.405	4.3	19.3
4 21	14 38.19	−20 22.0	4.418	5.401	2.4	19.2
5 1	14 33.22	−19 54.7	4.393	5.397	0.9	19.0
5 11	14 28.26	−19 25.0	4.397	5.394	2.0	19.1
5 21	14 23.66	−18 54.5	4.431	5.390	3.8	19.2
5 31	14 19.72	−18 25.2	4.493	5.386	5.6	19.4

15972 1998 FM_{27} 4 30.9 131°.64 0°.4/ 1.3 18

3 22	14 57.58	−18 27.2	2.521	3.294	12.5	18.5
4 1	14 53.67	−18 7.4	2.433	3.302	10.0	18.4
4 11	14 47.96	−17 38.1	2.368	3.310	7.0	18.2
4 21	14 40.91	−17 0.9	2.329	3.318	3.6	18.0
5 1	14 33.20	−16 18.2	2.318	3.326	0.4	17.7
5 11	14 25.58	−15 33.8	2.337	3.333	3.4	18.0
5 21	14 18.75	−14 51.6	2.384	3.340	6.7	18.2
5 31	14 13.30	−14 15.2	2.456	3.346	9.7	18.4

392620 2011 UK_{22} 4 30.9 230°.49 2°.8/ 3.4 18

3 22	14 59.85	−25 10.2	2.739	3.479	12.4	21.7
4 1	14 55.60	−25 26.7	2.628	3.469	10.3	21.6
4 11	14 49.42	−25 32.5	2.540	3.459	7.7	21.4
4 21	14 41.74	−25 27.0	2.476	3.449	5.0	21.2
5 1	14 33.19	−25 10.4	2.441	3.438	2.9	21.0
5 11	14 24.56	−24 44.7	2.435	3.426	3.8	21.1
5 21	14 16.61	−24 13.0	2.457	3.415	6.5	21.2
5 31	14 10.01	−23 39.5	2.506	3.403	9.3	21.4

62095 2000 RW_{92} 4 30.9 205°.67 0°.2/30.8 18

3 22	14 57.37	−16 4.3	2.824	3.598	11.3	20.1
4 1	14 53.36	−15 47.9	2.723	3.594	9.0	20.0
4 11	14 47.70	−15 24.2	2.644	3.589	6.2	19.8
4 21	14 40.79	−14 54.7	2.593	3.584	3.2	19.6
5 1	14 33.21	−14 21.6	2.571	3.578	0.2	19.3
5 11	14 25.63	−13 47.9	2.578	3.572	3.3	19.5
5 21	14 18.69	−13 16.7	2.614	3.566	6.4	19.7
5 31	14 12.96	−12 51.1	2.676	3.559	9.3	19.9

106319 2000 UD_{98} 4 30.9 275°.75 1°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.17	−20 51.0	2.434	3.199	13.1	19.8
4 1	14 55.34	−21 2.7	2.319	3.180	10.7	19.6
4 11	14 49.42	−21 5.0	2.225	3.160	7.8	19.4
4 21	14 41.82	−20 57.6	2.157	3.141	4.5	19.2
5 1	14 33.20	−20 41.4	2.117	3.121	1.8	18.9
5 11	14 24.42	−20 18.7	2.105	3.101	3.7	19.0
5 21	14 16.33	−19 52.9	2.121	3.081	7.2	19.2
5 31	14 9.69	−19 28.0	2.163	3.061	10.5	19.4

201791 2003 WY_{137} 4 30.9 157°.58 0°.7/30.3 18

3 22	14 59.31	−14 25.0	2.479	3.260	12.5	21.1
4 1	14 55.05	−14 5.9	2.390	3.266	9.9	20.9
4 11	14 48.92	−13 39.7	2.324	3.271	6.8	20.7
4 21	14 41.42	−13 8.4	2.285	3.276	3.4	20.5
5 1	14 33.21	−12 34.7	2.274	3.281	0.8	20.3
5 11	14 25.08	−12 2.0	2.292	3.285	3.9	20.5
5 21	14 17.74	−11 33.8	2.339	3.288	7.2	20.8
5 31	14 11.80	−11 13.0	2.411	3.291	10.2	21.0

10305 Grignard 4 30.9 235°.85 3°.2/28.5 18

3 22	14 59.52	− 8 46.8	1.995	2.799	14.3	18.1
4 1	14 55.79	− 8 5.4	1.901	2.790	11.4	17.9
4 11	14 49.78	− 7 18.1	1.828	2.780	8.0	17.7
4 21	14 41.99	− 6 28.6	1.781	2.771	4.5	17.5
5 1	14 33.22	− 5 41.9	1.762	2.761	3.4	17.4
5 11	14 24.42	− 5 3.2	1.770	2.750	6.3	17.5
5 21	14 16.53	− 4 36.6	1.804	2.740	10.0	17.7
5 31	14 10.32	− 4 25.0	1.862	2.729	13.4	17.9

369570 2011 BF_{67} 4 30.9 137°.57 7°.5/24.3 17

3 22	14 59.75	+ 3 20.7	2.037	2.842	14.0	21.7
4 1	14 55.62	+ 4 44.6	1.972	2.852	11.5	21.6
4 11	14 49.41	+ 6 5.4	1.931	2.861	9.1	21.4
4 21	14 41.68	+ 7 16.2	1.915	2.870	7.6	21.3
5 1	14 33.23	+ 8 10.4	1.925	2.879	7.9	21.4
5 11	14 24.97	+ 8 43.4	1.962	2.887	9.8	21.5
5 21	14 17.70	+ 8 53.4	2.022	2.894	12.2	21.7
5 31	14 12.06	+ 8 40.9	2.104	2.901	14.6	21.8

491134 2011 SU_{140} 4 30.9 218°.21 0°.1/ 1.1 18

3 22	14 57.81	−17 8.1	2.966	3.733	11.0	23.1
4 1	14 53.67	−16 53.7	2.858	3.724	8.7	22.9
4 11	14 47.91	−16 31.9	2.773	3.715	6.1	22.7
4 21	14 40.92	−16 3.8	2.715	3.705	3.2	22.5
5 1	14 33.25	−15 31.2	2.686	3.694	0.1	22.2
5 11	14 25.56	−14 57.1	2.688	3.683	3.2	22.5
5 21	14 18.46	−14 24.4	2.718	3.671	6.2	22.7
5 31	14 12.51	−13 56.4	2.775	3.659	8.9	22.8

20048 1993 FF_{19} 4 30.9 114°.36 4°.8/26.9 18

3 22	14 58.38	− 4 38.7	1.996	2.805	14.1	18.2
4 1	14 54.64	− 3 36.9	1.923	2.814	11.2	18.1
4 11	14 48.80	− 2 32.4	1.874	2.823	8.0	17.9
4 21	14 41.40	− 1 30.5	1.849	2.831	5.4	17.7
5 1	14 33.25	− 0 37.1	1.852	2.839	5.1	17.7
5 11	14 25.26	+ 0 2.6	1.882	2.847	7.4	17.9
5 21	14 18.25	+ 0 25.6	1.938	2.855	10.5	18.1
5 31	14 12.87	+ 0 30.5	2.016	2.862	13.4	18.3

113322 2002 RA_{205} 4 30.9 316°.68 3°.7/ 2.9 18

3 22	14 59.90	−23 4.7	1.465	2.258	19.1	19.6
4 1	14 57.40	−23 35.7	1.373	2.248	15.8	19.3
4 11	14 51.70	−23 51.7	1.299	2.238	11.8	19.0
4 21	14 43.29	−23 50.7	1.246	2.228	7.3	18.8
5 1	14 33.23	−23 32.5	1.217	2.219	3.8	18.5
5 11	14 23.00	−23 0.3	1.214	2.210	5.7	18.6
5 21	14 14.04	−22 20.5	1.234	2.202	10.3	18.8
5 31	14 7.55	−21 40.8	1.276	2.194	14.8	19.1

383697 2007 TF_{406} 4 30.9 134°.09 0°.8/30.2 17

3 22	14 58.68	−14 5.0	2.307	3.095	13.1	22.0
4 1	14 54.70	−13 46.8	2.221	3.100	10.4	21.9
4 11	14 48.77	−13 21.5	2.157	3.106	7.1	21.7
4 21	14 41.39	−12 51.0	2.119	3.111	3.6	21.4
5 1	14 33.25	−12 18.2	2.110	3.117	0.9	21.2
5 11	14 25.20	−11 47.0	2.129	3.122	4.1	21.5
5 21	14 17.99	−11 20.8	2.176	3.127	7.6	21.7
5 31	14 12.27	−11 2.7	2.248	3.131	10.8	21.9

34338 2000 QM_{216} 4 30.9 3°.07 1°.1/30.2 18

3 22	14 59.30	−13 44.0	1.707	2.514	16.3	19.3
4 1	14 56.01	−13 29.6	1.623	2.513	12.9	19.1
4 11	14 50.14	−13 6.4	1.560	2.513	8.9	18.9
4 21	14 42.24	−12 36.8	1.520	2.514	4.5	18.6
5 1	14 33.26	−12 4.5	1.507	2.514	1.2	18.4
5 11	14 24.33	−11 34.4	1.520	2.514	5.3	18.6
5 21	14 16.51	−11 11.2	1.559	2.515	9.6	18.9
5 31	14 10.66	−10 58.7	1.621	2.516	13.6	19.1

63302 2001 EA_{14} 4 30.9 249°.69 1°.3/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 1.34	−11 45.9	2.299	3.086	13.2	19.0
4 1	14 57.03	−11 38.0	2.191	3.070	10.5	18.8
4 11	14 50.58	−11 24.9	2.106	3.054	7.3	18.6
4 21	14 42.43	−11 8.3	2.046	3.037	3.8	18.3
5 1	14 33.27	−10 50.8	2.015	3.020	1.4	18.1
5 11	14 24.00	−10 35.4	2.012	3.003	4.6	18.3
5 21	14 15.47	−10 25.4	2.038	2.985	8.3	18.5
5 31	14 8.44	−10 23.5	2.089	2.967	11.7	18.7

333292 1999 VH_{63} 4 30.9 232°.78 0°.2/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.72	−18 40.4	2.428	3.200	13.0	21.5
4 1	14 54.84	−18 9.5	2.318	3.187	10.4	21.3
4 11	14 48.97	−17 27.3	2.231	3.174	7.3	21.1
4 21	14 41.56	−16 35.2	2.170	3.160	3.8	20.8
5 1	14 33.28	−15 36.1	2.138	3.146	0.2	20.5
5 11	14 24.96	−14 34.5	2.135	3.131	3.8	20.8
5 21	14 17.39	−13 35.3	2.161	3.115	7.4	21.0
5 31	14 11.25	−12 43.2	2.212	3.099	10.8	21.2

178740 2000 TG_{46} 4 30.9 20°.20 1°.9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.03	−12 59.0	2.238	3.038	13.1	20.3
4 1	14 51.91	−12 7.5	2.151	3.038	10.3	20.1
4 11	14 46.89	−11 7.4	2.086	3.039	7.1	19.9
4 21	14 40.45	−10 2.1	2.047	3.040	3.7	19.7
5 1	14 33.29	− 8 56.3	2.037	3.040	2.0	19.6
5 11	14 26.20	− 7 55.3	2.054	3.041	4.9	19.8
5 21	14 19.93	− 7 3.7	2.099	3.042	8.3	20.0
5 31	14 15.09	− 6 25.0	2.168	3.043	11.4	20.2

293026 2006 WD_{62} 4 30.9 170°.16 1°.8/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.41	− 9 24.7	2.589	3.376	11.9	20.9
4 1	14 55.04	− 9 15.7	2.498	3.378	9.3	20.8
4 11	14 48.91	− 9 3.6	2.431	3.379	6.5	20.6
4 21	14 41.45	− 8 50.4	2.390	3.380	3.4	20.4
5 1	14 33.29	− 8 38.5	2.378	3.381	1.9	20.3
5 11	14 25.16	− 8 30.6	2.396	3.382	4.4	20.4
5 21	14 17.76	− 8 28.8	2.441	3.383	7.4	20.6
5 31	14 11.68	− 8 35.0	2.513	3.383	10.2	20.8

299364 2005 TD_{83} 4 30.9 178°.44 0°.7/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 55.95	−20 29.6	2.808	3.572	11.6	21.0
4 1	14 52.27	−20 0.5	2.710	3.573	9.3	20.8
4 11	14 46.95	−19 21.1	2.635	3.574	6.6	20.7
4 21	14 40.43	−18 32.6	2.587	3.574	3.5	20.5
5 1	14 33.29	−17 37.6	2.567	3.574	0.7	20.2
5 11	14 26.21	−16 39.9	2.578	3.574	3.1	20.4
5 21	14 19.81	−15 43.4	2.617	3.574	6.2	20.6
5 31	14 14.63	−14 52.0	2.682	3.573	9.0	20.8

410316 2007 TT_{428} 4 30.9 102°.19 1°.1/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.05	−19 25.9	1.680	2.465	17.3	22.1
4 1	14 59.71	−19 23.1	1.608	2.482	13.9	21.9
4 11	14 52.62	−19 7.2	1.555	2.498	9.8	21.7
4 21	14 43.45	−18 39.0	1.526	2.514	5.3	21.5
5 1	14 33.27	−18 1.5	1.523	2.530	1.2	21.2
5 11	14 23.33	−17 19.5	1.548	2.545	4.6	21.5
5 21	14 14.74	−16 38.9	1.599	2.560	9.0	21.8
5 31	14 8.33	−16 5.0	1.674	2.575	12.9	22.0

297286 1997 SQ_{8} 4 30.9 33°.15 3°.8/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.49	−22 25.2	1.279	2.081	20.9	20.1
4 1	14 59.68	−23 5.4	1.206	2.086	17.2	19.8
4 11	14 53.34	−23 30.0	1.151	2.092	12.7	19.6
4 21	14 44.12	−23 36.6	1.115	2.099	7.8	19.3
5 1	14 33.29	−23 25.0	1.104	2.106	4.0	19.1
5 11	14 22.54	−22 59.3	1.116	2.113	6.0	19.2
5 21	14 13.44	−22 26.1	1.152	2.121	10.7	19.5
5 31	14 7.16	−21 53.5	1.209	2.129	15.3	19.8

19085 1978 UR_{4} 4 30.9 113°.32 1°.5/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.52	−20 59.1	1.781	2.556	16.9	19.8
4 1	14 59.94	−20 52.8	1.706	2.574	13.6	19.6
4 11	14 52.70	−20 32.6	1.652	2.591	9.7	19.4
4 21	14 43.48	−19 59.1	1.622	2.608	5.4	19.2
5 1	14 33.30	−19 14.9	1.619	2.624	1.6	18.9
5 11	14 23.36	−18 25.2	1.643	2.640	4.4	19.2
5 21	14 14.73	−17 35.8	1.694	2.655	8.6	19.5
5 31	14 8.22	−16 52.7	1.770	2.670	12.3	19.7

323007 2002 PW_{116} 4 30.9 249°.93 2°.9/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.19	−11 2.0	2.024	2.822	14.3	21.5
4 1	14 56.43	−10 6.8	1.916	2.802	11.4	21.3
4 11	14 50.35	− 9 1.9	1.830	2.782	8.0	21.0
4 21	14 42.39	− 7 51.0	1.770	2.761	4.4	20.7
5 1	14 33.31	− 6 39.7	1.738	2.739	3.1	20.6
5 11	14 24.10	− 5 34.3	1.734	2.716	6.2	20.7
5 21	14 15.73	− 4 40.6	1.757	2.692	10.2	20.9
5 31	14 9.02	− 4 2.9	1.803	2.668	13.8	21.1

158221 2001 SG_{162} 4 30.9 313°.94 0°.3/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 54.65	−18 49.5	1.204	2.033	20.4	19.8
4 1	14 53.79	−18 29.1	1.110	2.012	16.6	19.4
4 11	14 49.53	−17 48.9	1.035	1.992	11.8	19.1
4 21	14 42.35	−16 49.8	0.979	1.973	6.2	18.7
5 1	14 33.32	−15 36.3	0.946	1.954	0.3	18.2
5 11	14 24.01	−14 17.4	0.937	1.936	6.3	18.6
5 21	14 16.04	−13 3.4	0.949	1.918	12.4	18.8
5 31	14 10.74	−12 4.5	0.981	1.902	17.9	19.1

131288 2001 FT_{106} 4 30.9 87°.33 0°.6/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.03	−18 15.3	1.973	2.758	15.1	20.4
4 1	14 56.17	−18 8.5	1.893	2.768	12.1	20.2
4 11	14 50.00	−17 51.1	1.834	2.779	8.5	20.0
4 21	14 42.10	−17 24.2	1.800	2.789	4.5	19.8
5 1	14 33.32	−16 50.4	1.793	2.800	0.6	19.5
5 11	14 24.68	−16 14.0	1.813	2.810	4.1	19.8
5 21	14 17.09	−15 39.4	1.861	2.821	8.0	20.1
5 31	14 11.28	−15 11.2	1.933	2.831	11.6	20.3

281027 2006 GK_{13} 4 30.9 310°.57 1°.4/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.85	−12 37.5	1.890	2.693	15.0	20.7
4 1	14 55.44	−12 23.8	1.800	2.688	12.0	20.4
4 11	14 49.65	−12 2.9	1.730	2.683	8.3	20.2
4 21	14 42.00	−11 37.1	1.686	2.678	4.2	20.0
5 1	14 33.32	−11 10.0	1.668	2.674	1.5	19.7
5 11	14 24.64	−10 45.6	1.677	2.669	5.1	20.0
5 21	14 16.92	−10 28.0	1.712	2.665	9.2	20.2
5 31	14 10.98	−10 20.5	1.771	2.661	12.9	20.4

227477 2005 WV_{185} 4 30.9 207°.91 0°.8/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.63	−21 6.5	2.260	3.028	14.0	20.4
4 1	14 55.70	−20 34.9	2.158	3.022	11.3	20.2
4 11	14 49.64	−19 49.7	2.078	3.017	8.0	19.9
4 21	14 41.94	−18 52.1	2.023	3.010	4.4	19.7
5 1	14 33.35	−17 45.1	1.996	3.003	0.9	19.4
5 11	14 24.79	−16 33.7	1.999	2.996	3.8	19.6
5 21	14 17.10	−15 23.7	2.030	2.988	7.6	19.9
5 31	14 10.99	−14 20.5	2.087	2.979	11.1	20.1

328335 2008 JU_{35} 4 30.9 231°.89 5°.7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.68	− 0 27.1	2.382	3.179	12.5	20.9
4 1	14 55.52	+ 0 42.5	2.284	3.164	10.1	20.7
4 11	14 49.42	+ 1 53.3	2.211	3.149	7.7	20.6
4 21	14 41.82	+ 3 0.2	2.164	3.132	5.9	20.4
5 1	14 33.37	+ 3 57.3	2.145	3.115	6.1	20.4
5 11	14 24.88	+ 4 39.8	2.154	3.097	8.0	20.5
5 21	14 17.11	+ 5 4.3	2.189	3.079	10.7	20.6
5 31	14 10.73	+ 5 9.7	2.247	3.059	13.3	20.8

302429 2002 CU_{297} 4 30.9 67°.93 2°.9/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 1.82	−23 4.7	1.434	2.225	19.5	20.8
4 1	14 58.69	−23 15.0	1.358	2.232	16.0	20.6
4 11	14 52.37	−23 7.9	1.300	2.240	11.7	20.3
4 21	14 43.53	−22 42.5	1.264	2.248	7.0	20.1
5 1	14 33.36	−22 0.7	1.253	2.256	3.1	19.9
5 11	14 23.34	−21 8.2	1.267	2.264	5.3	20.0
5 21	14 14.81	−20 12.3	1.305	2.273	9.9	20.3
5 31	14 8.80	−19 21.3	1.366	2.281	14.2	20.6

217625 5408 $T\text{-}_{2}$ 4 30.9 262°.29 0°.8/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.83	−21 20.4	2.087	2.863	14.7	20.8
4 1	14 54.59	−20 43.0	1.977	2.847	11.9	20.6
4 11	14 49.06	−19 49.8	1.889	2.830	8.5	20.3
4 21	14 41.73	−18 42.0	1.825	2.813	4.6	20.1
5 1	14 33.37	−17 23.1	1.789	2.796	0.8	19.7
5 11	14 24.94	−15 58.8	1.781	2.778	4.1	19.9
5 21	14 17.37	−14 36.0	1.801	2.761	8.3	20.2
5 31	14 11.48	−13 21.3	1.846	2.743	12.1	20.4

441525 2008 SK_{220} 4 30.9 176°.42 0°.5/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.99	−14 35.4	3.978	4.749	8.3	22.3
4 1	14 49.40	−14 7.5	3.880	4.751	6.5	22.1
4 11	14 44.72	−13 34.7	3.807	4.752	4.5	22.0
4 21	14 39.25	−12 58.5	3.762	4.753	2.2	21.8
5 1	14 33.38	−12 20.7	3.747	4.754	0.6	21.7
5 11	14 27.55	−11 43.8	3.763	4.754	2.6	21.8
5 21	14 22.15	−11 9.9	3.808	4.754	4.8	22.0
5 31	14 17.56	−10 41.0	3.880	4.754	6.9	22.1

515449 2013 VM_{24} 4 30.9 238°.97 3°.6/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 52.03	−37 13.9	4.905	5.562	8.2	21.4
4 1	14 48.68	−37 20.1	4.792	5.557	7.1	21.3
4 11	14 44.24	−37 16.2	4.700	5.552	5.9	21.1
4 21	14 39.02	−37 2.0	4.633	5.547	4.7	21.1
5 1	14 33.38	−36 37.4	4.592	5.542	3.8	21.0
5 11	14 27.76	−36 3.5	4.580	5.537	3.7	21.0
5 21	14 22.54	−35 22.3	4.596	5.531	4.4	21.0
5 31	14 18.10	−34 36.2	4.640	5.526	5.6	21.1

277571 2005 YQ_{184} 4 30.9 161°.51 0°.1/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 59.76	−17 33.2	2.034	2.819	14.7	21.5
4 1	14 55.96	−17 14.8	1.945	2.822	11.8	21.3
4 11	14 49.88	−16 45.5	1.878	2.824	8.2	21.1
4 21	14 42.08	−16 7.0	1.836	2.826	4.2	20.9
5 1	14 33.37	−15 22.5	1.821	2.828	0.1	20.5
5 11	14 24.73	−14 36.4	1.834	2.830	4.2	20.9
5 21	14 17.06	−13 53.6	1.874	2.832	8.2	21.1
5 31	14 11.10	−13 18.8	1.939	2.833	11.7	21.3

324389 2006 SV_{3} 4 30.9 244°.08 3°.9/ 3.4 17

3 22	15 2.99	−25 17.6	1.834	2.596	16.9	21.2
4 1	14 59.25	−25 42.4	1.732	2.586	14.1	21.0
4 11	14 52.66	−25 52.6	1.649	2.575	10.7	20.7
4 21	14 43.72	−25 46.3	1.590	2.565	6.9	20.5
5 1	14 33.37	−25 22.9	1.556	2.553	4.1	20.3
5 11	14 22.84	−24 45.4	1.549	2.542	5.3	20.3
5 21	14 13.39	−23 59.0	1.568	2.530	9.0	20.5
5 31	14 6.04	−23 10.9	1.611	2.518	12.9	20.7

290365 2005 SV_{266} 4 30.9 270°.17 2°.1/ 2.7 17

3 22	14 58.26	−22 31.5	2.446	3.206	13.2	21.5
4 1	14 54.62	−22 38.1	2.335	3.192	10.8	21.3
4 11	14 48.93	−22 34.0	2.246	3.178	7.9	21.1
4 21	14 41.63	−22 18.8	2.183	3.164	4.8	20.9
5 1	14 33.38	−21 53.5	2.147	3.149	2.2	20.7
5 11	14 25.04	−21 20.8	2.139	3.135	3.7	20.8
5 21	14 17.41	−20 44.4	2.159	3.120	7.0	21.0
5 31	14 11.24	−20 8.9	2.205	3.105	10.2	21.1

19865 2825 P–L 4 30.9 50°.94 0°.1/30.9 18

3 22	14 56.67	−16 35.7	2.205	2.993	13.6	19.2
4 1	14 53.27	−16 17.7	2.121	3.001	10.8	19.0
4 11	14 47.88	−15 50.5	2.060	3.008	7.5	18.8
4 21	14 41.01	−15 16.0	2.024	3.016	3.8	18.6
5 1	14 33.38	−14 37.2	2.016	3.024	0.1	18.3
5 11	14 25.86	−13 58.2	2.036	3.032	3.9	18.6
5 21	14 19.21	−13 22.9	2.083	3.040	7.5	18.8
5 31	14 14.07	−12 55.1	2.155	3.048	10.7	19.1

345945 2007 RD_{303} 4 30.9 220°.18 0°.4/ 1.3 17

3 22	14 58.60	−18 0.0	2.448	3.222	12.8	21.9
4 1	14 54.71	−17 49.5	2.347	3.216	10.3	21.7
4 11	14 48.87	−17 29.9	2.268	3.210	7.2	21.5
4 21	14 41.54	−17 2.2	2.215	3.204	3.8	21.3
5 1	14 33.38	−16 28.6	2.190	3.198	0.4	21.0
5 11	14 25.21	−15 52.5	2.194	3.191	3.6	21.3
5 21	14 17.79	−15 17.6	2.227	3.184	7.1	21.5
5 31	14 11.79	−14 47.8	2.285	3.176	10.3	21.7

297816 2002 AG_{101} 4 30.9 138°.68 2°.3/28.7 18

3 22	14 57.82	− 8 17.1	2.817	3.605	11.0	21.5
4 1	14 53.57	− 7 47.5	2.735	3.616	8.6	21.4
4 11	14 47.78	− 7 14.8	2.677	3.626	6.0	21.2
4 21	14 40.86	− 6 41.7	2.647	3.635	3.4	21.0
5 1	14 33.39	− 6 11.2	2.646	3.644	2.4	21.0
5 11	14 26.02	− 5 46.4	2.674	3.653	4.5	21.1
5 21	14 19.34	− 5 29.5	2.730	3.662	7.2	21.3
5 31	14 13.83	− 5 22.2	2.812	3.670	9.6	21.5

140919 2001 VM_{63} 4 30.9 141°.74 1°.0/ 1.9 18

3 22	14 58.38	−20 21.5	2.812	3.571	11.7	20.8
4 1	14 54.15	−20 9.6	2.722	3.581	9.4	20.7
4 11	14 48.25	−19 48.4	2.655	3.591	6.7	20.5
4 21	14 41.13	−19 18.9	2.614	3.600	3.7	20.3
5 1	14 33.40	−18 42.9	2.603	3.609	1.0	20.1
5 11	14 25.75	−18 3.5	2.621	3.617	3.1	20.3
5 21	14 18.83	−17 24.1	2.668	3.625	6.0	20.5
5 31	14 13.16	−16 48.2	2.741	3.633	8.8	20.7

216840 2006 WN_{201} 4 30.9 210°.32 2°.1/29.2 17

3 22	14 57.95	− 9 31.3	2.450	3.244	12.3	20.6
4 1	14 54.06	− 9 13.3	2.359	3.243	9.7	20.5
4 11	14 48.33	− 8 51.4	2.291	3.242	6.7	20.3
4 21	14 41.23	− 8 28.1	2.250	3.240	3.6	20.1
5 1	14 33.40	− 8 6.3	2.237	3.239	2.2	19.9
5 11	14 25.59	− 7 49.3	2.252	3.238	4.7	20.1
5 21	14 18.53	− 7 39.6	2.295	3.236	7.8	20.3
5 31	14 12.82	− 7 39.2	2.363	3.235	10.7	20.5

297915 2002 DJ_{3} 4 30.9 35°.88 8°.0/ 2.2 18

3 22	15 22.53	−20 0.3	1.085	1.872	24.7	18.7
4 1	15 16.70	−23 1.6	1.026	1.893	20.5	18.5
4 11	15 5.94	−25 59.1	0.985	1.915	15.6	18.2
4 21	14 50.92	−28 40.1	0.967	1.938	10.8	18.0
5 1	14 33.37	−30 51.0	0.973	1.962	8.0	18.0
5 11	14 15.87	−32 24.9	1.006	1.987	9.7	18.1
5 21	14 0.86	−33 24.1	1.062	2.013	13.6	18.4
5 31	13 50.06	−33 58.7	1.140	2.040	17.6	18.8

472200 2014 EJ_{8} 4 30.9 102°.28 4°.6/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 57.76	− 2 18.6	2.339	3.142	12.5	21.6
4 1	14 53.89	− 1 39.0	2.261	3.146	10.0	21.4
4 11	14 48.18	− 0 59.5	2.206	3.151	7.3	21.2
4 21	14 41.13	− 0 24.1	2.178	3.156	5.1	21.1
5 1	14 33.41	+ 0 2.9	2.177	3.160	4.8	21.1
5 11	14 25.78	+ 0 18.1	2.203	3.165	6.7	21.2
5 21	14 18.96	+ 0 19.6	2.256	3.169	9.4	21.4
5 31	14 13.53	+ 0 6.5	2.332	3.174	11.9	21.6

317968 2003 YO_{63} 4 30.9 71°.10 7°.9/26.3 18

3 22	15 2.49	+ 1 44.1	1.519	2.339	17.3	20.5
4 1	14 58.45	+ 2 44.2	1.464	2.354	14.0	20.3
4 11	14 51.70	+ 3 40.0	1.429	2.370	10.7	20.1
4 21	14 43.00	+ 4 24.2	1.416	2.386	8.3	20.0
5 1	14 33.40	+ 4 49.9	1.429	2.401	8.2	20.1
5 11	14 24.14	+ 4 52.7	1.467	2.417	10.4	20.2
5 21	14 16.27	+ 4 31.7	1.527	2.433	13.5	20.4
5 31	14 10.56	+ 3 48.8	1.609	2.448	16.5	20.7

497610 2006 PH_{13} 4 30.9 243°.76 1°.6/29.7 17

3 22	15 1.69	−13 43.4	2.095	2.882	14.3	23.1
4 1	14 57.61	−13 4.9	1.983	2.863	11.4	22.9
4 11	14 51.18	−12 16.4	1.893	2.843	7.9	22.6
4 21	14 42.86	−11 20.1	1.830	2.822	4.1	22.3
5 1	14 33.41	−10 20.4	1.794	2.800	1.7	22.1
5 11	14 23.80	− 9 22.7	1.787	2.777	5.2	22.3
5 21	14 15.02	− 8 32.4	1.808	2.753	9.3	22.5
5 31	14 7.89	− 7 54.2	1.853	2.729	13.1	22.7

76857 2000 WE_{132} 4 30.9 268°.14 2°.3/27.7 18 R

3 22	14 52.11	− 3 10.9	4.563	5.349	7.1	18.5
4 1	14 48.56	− 2 58.2	4.465	5.342	5.6	18.3
4 11	14 44.09	− 2 45.9	4.393	5.335	4.0	18.2
4 21	14 38.93	− 2 35.4	4.348	5.329	2.6	18.1
5 1	14 33.43	− 2 28.5	4.334	5.322	2.4	18.1
5 11	14 27.93	− 2 26.4	4.349	5.315	3.5	18.2
5 21	14 22.77	− 2 30.3	4.393	5.308	5.1	18.3
5 31	14 18.27	− 2 40.7	4.463	5.301	6.7	18.4

366832 2005 LH_{20} 4 30.9 319°.50 5°.1/27.7 17

3 22	14 57.71	− 6 34.0	1.472	2.301	17.3	21.0
4 1	14 55.19	− 5 40.7	1.390	2.293	13.8	20.7
4 11	14 49.84	− 4 41.4	1.329	2.285	9.8	20.5
4 21	14 42.25	− 3 42.1	1.290	2.278	6.2	20.2
5 1	14 33.41	− 2 50.4	1.276	2.271	5.4	20.2
5 11	14 24.58	− 2 13.4	1.287	2.264	8.6	20.3
5 21	14 16.95	− 1 55.9	1.321	2.258	12.7	20.5
5 31	14 11.46	− 2 0.2	1.376	2.252	16.7	20.7

417305 2006 BA_{103} 4 30.9 282°.72 7°.0/15.6 18

3 22	14 50.18	+22 40.9	4.395	5.134	8.1	20.8
4 1	14 47.20	+23 51.0	4.337	5.127	7.4	20.8
4 11	14 43.21	+24 52.4	4.303	5.120	7.1	20.7
4 21	14 38.51	+25 41.9	4.293	5.114	7.1	20.7
5 1	14 33.43	+26 16.8	4.307	5.107	7.5	20.8
5 11	14 28.38	+26 35.5	4.343	5.100	8.2	20.8
5 21	14 23.73	+26 37.8	4.401	5.093	8.9	20.9
5 31	14 19.79	+26 24.1	4.476	5.086	9.7	20.9

158999 2004 SN_{40} 4 30.9 260°.70 0°.9/ 1.5 18

3 22	15 4.23	−16 47.4	2.101	2.877	14.6	20.2
4 1	14 59.76	−17 8.6	1.989	2.859	11.9	20.0
4 11	14 52.79	−17 22.9	1.899	2.841	8.5	19.7
4 21	14 43.76	−17 30.1	1.834	2.822	4.6	19.5
5 1	14 33.43	−17 30.9	1.796	2.803	0.9	19.2
5 11	14 22.85	−17 27.5	1.787	2.784	4.2	19.4
5 21	14 13.07	−17 22.9	1.806	2.764	8.4	19.6
5 31	14 5.03	−17 20.7	1.851	2.744	12.2	19.8

478267 2011 UE_{406} 4 30.9 204°.77 3°.5/26.7 18

3 22	14 55.53	− 8 11.0	2.700	3.496	11.2	21.9
4 1	14 51.94	− 6 43.0	2.607	3.492	8.8	21.7
4 11	14 46.76	− 5 8.6	2.539	3.488	6.2	21.5
4 21	14 40.40	− 3 32.4	2.500	3.484	4.0	21.4
5 1	14 33.44	− 1 59.8	2.491	3.480	3.8	21.3
5 11	14 26.53	− 0 36.4	2.512	3.475	5.9	21.5
5 21	14 20.28	+ 0 33.6	2.560	3.470	8.5	21.6
5 31	14 15.22	+ 1 27.3	2.634	3.465	11.0	21.8

62316 2000 SO_{120} 4 30.9 146°.30 0°.6/30.4 18

3 22	14 58.25	−14 13.5	2.712	3.491	11.6	20.1
4 1	14 54.09	−14 0.7	2.623	3.497	9.2	19.9
4 11	14 48.25	−13 41.8	2.557	3.503	6.3	19.7
4 21	14 41.16	−13 18.5	2.518	3.509	3.2	19.5
5 1	14 33.44	−12 53.1	2.507	3.514	0.6	19.3
5 11	14 25.78	−12 28.4	2.527	3.520	3.5	19.6
5 21	14 18.83	−12 7.3	2.574	3.525	6.6	19.8
5 31	14 13.13	−11 52.4	2.648	3.529	9.4	20.0

375869 2009 VV_{41} 4 30.9 182°.16 0°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.37	−15 1.5	2.359	3.140	13.1	22.1
4 1	14 56.08	−14 33.3	2.265	3.141	10.4	21.9
4 11	14 49.79	−13 56.6	2.194	3.141	7.2	21.7
4 21	14 42.01	−13 13.5	2.149	3.141	3.6	21.5
5 1	14 33.44	−12 27.2	2.133	3.140	0.8	21.3
5 11	14 24.91	−11 41.9	2.146	3.138	4.1	21.5
5 21	14 17.22	−11 1.8	2.187	3.136	7.7	21.7
5 31	14 11.00	−10 30.4	2.254	3.134	10.9	21.9

308539 2005 UM_{182} 4 30.9 252°.39 0°.4/ 1.3 17

3 22	14 58.96	−18 57.2	1.921	2.707	15.4	21.2
4 1	14 55.65	−18 34.3	1.821	2.698	12.4	21.0
4 11	14 49.90	−17 58.2	1.742	2.687	8.8	20.7
4 21	14 42.22	−17 10.1	1.687	2.677	4.6	20.5
5 1	14 33.44	−16 13.2	1.659	2.667	0.4	20.1
5 11	14 24.61	−15 13.0	1.659	2.656	4.4	20.4
5 21	14 16.75	−14 15.4	1.685	2.645	8.8	20.6
5 31	14 10.69	−13 26.2	1.736	2.634	12.7	20.9

275234 2009 WE_{252} 4 30.9 152°.89 0°.7/30.4 17

3 22	15 1.28	−14 27.7	2.274	3.056	13.5	21.8
4 1	14 56.82	−14 10.0	2.187	3.063	10.7	21.6
4 11	14 50.31	−13 44.9	2.123	3.070	7.4	21.4
4 21	14 42.27	−13 14.1	2.085	3.076	3.7	21.2
5 1	14 33.45	−12 40.6	2.075	3.082	0.8	21.0
5 11	14 24.72	−12 8.1	2.095	3.088	4.2	21.2
5 21	14 16.88	−11 40.4	2.142	3.093	7.7	21.5
5 31	14 10.59	−11 20.6	2.215	3.097	10.9	21.7

136295 2004 BF_2 4 30.9 207°.02 2°.6/28.9 18

3 22	15 2.02	−10 12.2	2.116	2.909	14.0	21.0
4 1	14 57.66	− 9 35.0	2.020	2.903	11.1	20.8
4 11	14 51.06	− 8 51.3	1.946	2.896	7.7	20.6
4 21	14 42.73	− 8 4.3	1.899	2.889	4.2	20.4
5 1	14 33.45	− 7 18.4	1.879	2.881	2.7	20.3
5 11	14 24.15	− 6 38.4	1.889	2.872	5.6	20.4
5 21	14 15.75	− 6 8.5	1.925	2.863	9.3	20.6
5 31	14 8.99	− 5 51.7	1.986	2.852	12.7	20.8

491485 2012 HQ_{45} 4 30.9 267°.73 2°.4/30.6 17

3 22	15 18.02	− 5 35.4	1.166	1.975	22.1	21.4
4 1	15 12.89	− 6 35.7	1.076	1.965	18.1	21.1
4 11	15 3.31	− 7 44.4	1.003	1.954	12.9	20.7
4 21	14 49.72	− 9 2.8	0.953	1.944	7.0	20.4
5 1	14 33.44	−10 30.1	0.927	1.933	2.4	20.0
5 11	14 16.58	−12 3.9	0.928	1.923	7.6	20.3
5 21	14 1.40	−13 41.1	0.955	1.912	14.0	20.6
5 31	13 49.68	−15 20.0	1.003	1.901	19.6	20.9

188039 2001 UG_{174} 4 30.9 261°.86 0°.3/30.8 17 R

3 22	14 58.18	−18 34.2	1.912	2.701	15.4	20.9
4 1	14 55.06	−17 50.5	1.807	2.686	12.4	20.7
4 11	14 49.52	−16 51.5	1.722	2.671	8.7	20.4
4 21	14 42.05	−15 39.3	1.663	2.655	4.5	20.1
5 1	14 33.45	−14 18.3	1.631	2.638	0.3	19.7
5 11	14 24.79	−12 55.2	1.627	2.622	4.8	20.1
5 21	14 17.06	−11 37.1	1.649	2.605	9.2	20.3
5 31	14 11.11	−10 30.7	1.696	2.588	13.2	20.5

262873 2007 BR_{58} 4 30.9 97°.49 1°.4/29.9 17

3 22	15 1.24	−14 6.5	1.879	2.674	15.4	21.3
4 1	14 57.07	−13 29.9	1.809	2.693	12.1	21.1
4 11	14 50.58	−12 44.1	1.761	2.712	8.3	20.9
4 21	14 42.41	−11 52.4	1.738	2.730	4.2	20.7
5 1	14 33.46	−10 59.2	1.742	2.748	1.5	20.5
5 11	14 24.76	−10 10.1	1.775	2.766	5.0	20.8
5 21	14 17.21	− 9 29.8	1.834	2.783	8.9	21.0
5 31	14 11.49	− 9 1.7	1.917	2.800	12.3	21.3

49904 1999 XN_{165} 4 30.9 61°.04 5°.3/28.1 18

3 22	15 2.64	− 3 20.9	1.569	2.386	17.0	17.4
4 1	14 58.70	− 2 51.2	1.498	2.392	13.5	17.2
4 11	14 52.03	− 2 21.5	1.448	2.399	9.8	16.9
4 21	14 43.27	− 1 57.0	1.422	2.406	6.4	16.8
5 1	14 33.46	− 1 43.1	1.421	2.413	5.5	16.7
5 11	14 23.82	− 1 44.2	1.446	2.419	8.2	16.9
5 21	14 15.47	− 2 2.1	1.495	2.427	11.9	17.1
5 31	14 9.26	− 2 37.0	1.566	2.434	15.4	17.4

62417 2000 ST_{181} 4 30.9 232°.62 9°.0/22.8 18

3 22	14 58.72	+ 7 8.7	1.989	2.795	14.3	19.6
4 1	14 55.10	+ 8 38.2	1.915	2.788	12.1	19.5
4 11	14 49.29	+10 2.8	1.863	2.782	10.1	19.3
4 21	14 41.82	+11 14.8	1.835	2.775	9.1	19.2
5 1	14 33.46	+12 6.9	1.833	2.768	9.6	19.3
5 11	14 25.17	+12 34.1	1.855	2.760	11.4	19.3
5 21	14 17.80	+12 34.6	1.900	2.753	13.7	19.5
5 31	14 12.09	+12 9.2	1.965	2.745	16.0	19.6

603 Timandra 4 30.9 58°.60 5°.0/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 4.04	−26 43.5	1.548	2.317	19.3	15.7
4 1	15 0.27	−27 25.3	1.480	2.335	16.0	15.5
4 11	14 53.35	−27 49.6	1.430	2.353	12.2	15.3
4 21	14 44.02	−27 53.8	1.401	2.372	8.2	15.1
5 1	14 33.46	−27 37.5	1.397	2.390	5.3	15.0
5 11	14 23.11	−27 4.5	1.418	2.409	6.1	15.0
5 21	14 14.30	−26 21.1	1.465	2.428	9.4	15.3
5 31	14 7.97	−25 35.3	1.535	2.447	13.1	15.5

18520 Wolfratshausen 4 30.9 46°.11 0°.7/ 1.5 18

3 22	14 58.46	−19 32.6	1.537	2.339	17.9	18.8
4 1	14 55.52	−19 12.3	1.471	2.356	14.3	18.6
4 11	14 49.85	−18 37.0	1.424	2.373	10.0	18.4
4 21	14 42.14	−17 48.6	1.400	2.391	5.3	18.2
5 1	14 33.46	−16 51.6	1.402	2.409	0.8	17.9
5 11	14 25.07	−15 52.6	1.430	2.428	4.7	18.2
5 21	14 18.02	−14 58.1	1.482	2.447	9.3	18.5
5 31	14 13.13	−14 14.2	1.558	2.466	13.2	18.8

464706 2002 QE_{73} 4 30.9 186°.94 3°.2/28.3 16

3 22	15 0.87	− 9 3.0	2.083	2.880	14.0	22.2
4 1	14 56.69	− 8 10.9	1.994	2.880	11.1	22.0
4 11	14 50.34	− 7 12.4	1.929	2.879	7.7	21.8
4 21	14 42.34	− 6 11.6	1.889	2.878	4.4	21.6
5 1	14 33.47	− 5 13.8	1.878	2.876	3.4	21.5
5 11	14 24.66	− 4 24.4	1.895	2.873	6.2	21.7
5 21	14 16.77	− 3 47.6	1.939	2.870	9.6	21.9
5 31	14 10.53	− 3 26.3	2.006	2.866	12.9	22.1

9089 1995 UC_7 4 30.9 312°.78 5°.3/27.9 18

3 22	14 59.03	− 5 16.7	1.442	2.271	17.6	17.1
4 1	14 56.39	− 4 37.3	1.356	2.258	14.1	16.8
4 11	14 50.81	− 3 54.1	1.291	2.246	10.2	16.6
4 21	14 42.83	− 3 12.9	1.247	2.234	6.5	16.3
5 1	14 33.46	− 2 40.5	1.228	2.223	5.6	16.2
5 11	14 24.02	− 2 23.4	1.234	2.212	8.8	16.4
5 21	14 15.77	− 2 25.5	1.263	2.202	13.0	16.6
5 31	14 9.74	− 2 48.4	1.312	2.191	17.1	16.8

334470 2002 PM_{163} 4 30.9 315°.66 7°.1/ 5.7 16

3 22	14 59.17	−32 25.0	1.820	2.560	17.8	20.5
4 1	14 56.55	−33 13.6	1.717	2.545	15.4	20.2
4 11	14 51.01	−33 44.6	1.632	2.531	12.5	20.0
4 21	14 43.00	−33 53.7	1.568	2.517	9.5	19.8
5 1	14 33.47	−33 38.5	1.528	2.504	7.4	19.6
5 11	14 23.70	−33 0.3	1.513	2.491	7.4	19.6
5 21	14 15.02	−32 4.2	1.523	2.479	9.8	19.7
5 31	14 8.54	−30 58.2	1.555	2.467	13.0	19.9

308096 2004 VY_{22} 4 30.9 147°.42 1°.7/ 2.3 16

3 22	15 3.20	−22 21.5	1.791	2.564	16.9	21.5
4 1	14 59.07	−22 5.8	1.707	2.573	13.7	21.3
4 11	14 52.25	−21 34.3	1.643	2.580	9.9	21.1
4 21	14 43.39	−20 47.4	1.602	2.588	5.6	20.8
5 1	14 33.47	−19 48.1	1.589	2.594	1.8	20.6
5 11	14 23.70	−18 42.0	1.603	2.600	4.5	20.8
5 21	14 15.17	−17 36.0	1.644	2.606	8.7	21.1
5 31	14 8.71	−16 36.9	1.709	2.611	12.6	21.3

512474 2016 QU_{59} 4 30.9 267°.86 2°.8/ 3.3 18

3 22	14 58.54	−25 7.0	2.281	3.036	14.2	21.4
4 1	14 55.08	−25 6.9	2.168	3.019	11.7	21.2
4 11	14 49.41	−24 52.9	2.077	3.003	8.8	21.0
4 21	14 41.97	−24 24.5	2.009	2.986	5.5	20.7
5 1	14 33.48	−23 42.5	1.969	2.969	2.9	20.5
5 11	14 24.88	−22 50.4	1.957	2.952	4.1	20.6
5 21	14 17.08	−21 52.9	1.972	2.934	7.5	20.8
5 31	14 10.86	−20 55.8	2.013	2.917	10.9	20.9

375755 2009 SF_{77} 4 30.9 236°.03 3°.0/28.8 17

3 22	14 59.66	− 9 27.7	1.882	2.688	15.0	21.3
4 1	14 56.07	− 8 51.8	1.792	2.683	11.9	21.0
4 11	14 50.11	− 8 9.5	1.725	2.678	8.3	20.8
4 21	14 42.30	− 7 24.8	1.682	2.672	4.6	20.6
5 1	14 33.48	− 6 42.4	1.666	2.667	3.1	20.5
5 11	14 24.67	− 6 7.5	1.677	2.661	6.2	20.6
5 21	14 16.83	− 5 44.4	1.714	2.655	10.0	20.8
5 31	14 10.77	− 5 35.9	1.774	2.649	13.6	21.0

219841 2002 CJ_{136} 4 30.9 169°.12 5°.3/25.6 17

3 22	14 59.71	− 0 37.7	2.535	3.329	11.9	21.4
4 1	14 55.26	+ 0 31.9	2.457	3.335	9.6	21.2
4 11	14 49.06	+ 1 41.8	2.402	3.339	7.2	21.0
4 21	14 41.59	+ 2 46.9	2.375	3.343	5.5	20.9
5 1	14 33.49	+ 3 42.2	2.377	3.346	5.6	21.0
5 11	14 25.49	+ 4 23.4	2.406	3.349	7.3	21.1
5 21	14 18.25	+ 4 48.1	2.463	3.350	9.7	21.2
5 31	14 12.34	+ 4 55.5	2.542	3.351	12.0	21.4

377824 2006 BA_{94} 4 30.9 142°.69 2°.0/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.32	−22 15.2	2.045	2.814	15.2	21.6
4 1	14 56.51	−22 15.8	1.955	2.818	12.3	21.4
4 11	14 50.36	−22 3.5	1.886	2.821	9.0	21.2
4 21	14 42.41	−21 38.3	1.841	2.824	5.2	21.0
5 1	14 33.48	−21 2.0	1.823	2.827	2.1	20.8
5 11	14 24.62	−20 18.5	1.833	2.830	4.1	20.9
5 21	14 16.75	−19 32.7	1.871	2.833	7.8	21.2
5 31	14 10.66	−18 50.1	1.933	2.836	11.3	21.4

151330 2002 CD_{178} 4 30.9 178°.93 0°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 57.73	−16 32.0	2.708	3.483	11.7	21.3
4 1	14 53.76	−16 18.5	2.613	3.483	9.3	21.1
4 11	14 48.08	−15 57.6	2.540	3.484	6.5	20.9
4 21	14 41.12	−15 30.4	2.494	3.484	3.3	20.7
5 1	14 33.49	−14 59.3	2.477	3.484	0.0	20.4
5 11	14 25.89	−14 27.3	2.489	3.484	3.4	20.7
5 21	14 18.97	−13 57.6	2.529	3.484	6.5	20.9
5 31	14 13.31	−13 33.2	2.596	3.483	9.4	21.1

100358 1995 UK_2 4 30.9 124°.31 0°.0/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.78	−18 25.7	2.607	3.380	12.2	20.2
4 1	14 53.00	−17 49.2	2.520	3.390	9.6	20.0
4 11	14 47.52	−17 2.9	2.457	3.400	6.7	19.8
4 21	14 40.81	−16 8.6	2.420	3.410	3.4	19.6
5 1	14 33.49	−15 9.5	2.412	3.420	0.0	19.3
5 11	14 26.29	−14 9.9	2.434	3.429	3.4	19.6
5 21	14 19.86	−13 14.0	2.484	3.438	6.6	19.9
5 31	14 14.73	−12 25.5	2.560	3.447	9.5	20.1

93728 2000 VX_{43} 4 30.9 80°.25 1°.0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.81	−18 35.4	1.864	2.650	15.8	19.9
4 1	14 57.11	−18 40.7	1.776	2.651	12.8	19.7
4 11	14 50.91	−18 35.3	1.709	2.653	9.1	19.5
4 21	14 42.73	−18 19.6	1.666	2.655	4.9	19.2
5 1	14 33.49	−17 55.7	1.650	2.656	1.1	19.0
5 11	14 24.27	−17 27.3	1.660	2.658	4.3	19.2
5 21	14 16.11	−16 59.0	1.698	2.660	8.5	19.5
5 31	14 9.86	−16 35.5	1.760	2.661	12.3	19.7

417456 2006 QT_{32} 4 30.9 234°.65 0°.6/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.07	−19 16.7	2.093	2.866	14.7	22.2
4 1	14 57.98	−18 57.2	1.983	2.851	11.9	22.0
4 11	14 51.48	−18 25.2	1.894	2.836	8.5	21.7
4 21	14 43.06	−17 41.4	1.831	2.819	4.5	21.5
5 1	14 33.49	−16 48.5	1.795	2.802	0.6	21.1
5 11	14 23.80	−15 51.0	1.788	2.784	4.2	21.4
5 21	14 14.99	−14 54.6	1.809	2.766	8.4	21.6
5 31	14 7.90	−14 5.0	1.854	2.746	12.3	21.8

507777 2013 YX_{151} 4 30.9 164°.92 0°.5/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.32	−15 41.4	2.251	3.037	13.5	22.1
4 1	14 54.58	−15 17.6	2.160	3.039	10.7	21.9
4 11	14 48.83	−14 45.0	2.093	3.040	7.4	21.7
4 21	14 41.56	−14 5.5	2.050	3.042	3.7	21.4
5 1	14 33.49	−13 22.3	2.036	3.043	0.6	21.2
5 11	14 25.48	−12 39.5	2.050	3.045	4.1	21.4
5 21	14 18.33	−12 1.5	2.092	3.046	7.7	21.7
5 31	14 12.68	−11 31.8	2.159	3.046	11.0	21.9

363458 2003 SX_{216} 4 30.9 245°.97 0°.9/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.35	−18 15.6	1.801	2.585	16.4	21.8
4 1	14 59.46	−18 19.9	1.697	2.572	13.3	21.6
4 11	14 52.80	−18 13.3	1.614	2.558	9.5	21.3
4 21	14 43.84	−17 55.8	1.555	2.544	5.1	21.0
5 1	14 33.49	−17 29.3	1.522	2.529	1.0	20.7
5 11	14 22.96	−16 57.5	1.517	2.514	4.7	20.9
5 21	14 13.43	−16 25.4	1.538	2.499	9.3	21.1
5 31	14 5.94	−15 58.7	1.583	2.483	13.6	21.4

264281 1998 DO_{31} 4 30.9 106°.35 5°.6/ 5.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 5.71	−30 24.3	2.028	2.756	16.6	20.5
4 1	15 0.99	−31 7.7	1.947	2.771	14.0	20.4
4 11	14 53.59	−31 35.0	1.885	2.786	11.0	20.2
4 21	14 44.09	−31 43.4	1.847	2.801	8.0	20.0
5 1	14 33.50	−31 31.7	1.834	2.815	5.8	19.9
5 11	14 23.00	−31 2.3	1.848	2.829	6.1	20.0
5 21	14 13.71	−30 20.0	1.889	2.843	8.4	20.1
5 31	14 6.51	−29 31.6	1.955	2.856	11.3	20.3

355573 2008 CG_{82} 4 30.9 204°.05 3°.5/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.97	−26 14.7	2.440	3.183	13.7	21.4
4 1	14 55.99	−26 39.8	2.342	3.182	11.4	21.3
4 11	14 49.90	−26 53.1	2.265	3.182	8.6	21.1
4 21	14 42.16	−26 53.3	2.212	3.181	5.8	20.9
5 1	14 33.50	−26 40.5	2.187	3.180	3.7	20.8
5 11	14 24.81	−26 16.7	2.189	3.179	4.4	20.8
5 21	14 16.93	−25 45.5	2.219	3.178	7.0	21.0
5 31	14 10.60	−25 11.5	2.276	3.177	9.9	21.1

16362 1979 MJ_4 4 30.9 275°.64 7°.8/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	14 58.98	+ 2 21.8	1.874	2.687	14.8	18.7
4 1	14 55.62	+ 3 35.7	1.782	2.667	12.2	18.5
4 11	14 49.88	+ 4 49.0	1.712	2.648	9.6	18.3
4 21	14 42.25	+ 5 54.6	1.666	2.628	7.9	18.2
5 1	14 33.50	+ 6 45.0	1.645	2.608	8.3	18.1
5 11	14 24.67	+ 7 13.9	1.651	2.588	10.5	18.2
5 21	14 16.73	+ 7 18.3	1.679	2.567	13.4	18.4
5 31	14 10.51	+ 6 57.8	1.728	2.547	16.4	18.5

25184 Taylorgaines 4 30.9 281°.94 0°.7/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.05	−18 15.2	2.009	2.794	14.9	19.7
4 1	14 55.59	−18 12.6	1.913	2.788	12.0	19.5
4 11	14 49.79	−17 59.7	1.838	2.783	8.5	19.2
4 21	14 42.16	−17 37.2	1.788	2.777	4.5	19.0
5 1	14 33.51	−17 7.3	1.765	2.772	0.7	18.7
5 11	14 24.82	−16 33.8	1.769	2.767	4.1	18.9
5 21	14 17.05	−16 1.2	1.801	2.761	8.2	19.2
5 31	14 11.02	−15 34.1	1.856	2.756	11.9	19.4

416124 2002 QZ_{71} 4 30.9 187°.00 3°.9/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 4.62	−27 25.3	2.236	2.971	15.0	22.0
4 1	14 59.89	−27 42.2	2.136	2.971	12.5	21.9
4 11	14 52.73	−27 44.7	2.056	2.970	9.6	21.7
4 21	14 43.66	−27 31.2	2.001	2.968	6.4	21.5
5 1	14 33.51	−27 1.8	1.973	2.966	4.0	21.3
5 11	14 23.33	−26 19.2	1.973	2.963	4.8	21.3
5 21	14 14.14	−25 28.1	2.001	2.959	7.7	21.5
5 31	14 6.75	−24 34.8	2.055	2.954	10.9	21.7

176367 2001 TQ_{154} 4 30.9 167°.17 1°.8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.16	− 9 36.6	3.243	4.022	9.9	22.1
4 1	14 53.68	− 9 10.1	3.152	4.028	7.8	22.0
4 11	14 47.80	− 8 40.3	3.086	4.033	5.3	21.8
4 21	14 40.91	− 8 9.1	3.048	4.037	2.9	21.6
5 1	14 33.52	− 7 39.2	3.040	4.041	1.8	21.6
5 11	14 26.18	− 7 13.2	3.062	4.044	3.8	21.7
5 21	14 19.42	− 6 53.2	3.113	4.047	6.3	21.9
5 31	14 13.69	− 6 41.0	3.191	4.049	8.6	22.0

336454 2008 UD_{344} 4 30.9 202°.23 1°.6/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 59.59	−21 31.4	2.237	3.004	14.1	21.7
4 1	14 55.76	−21 26.0	2.139	3.002	11.4	21.5
4 11	14 49.76	−21 8.5	2.063	2.999	8.3	21.3
4 21	14 42.10	−20 39.5	2.012	2.996	4.7	21.1
5 1	14 33.52	−20 0.8	1.988	2.993	1.7	20.9
5 11	14 24.94	−19 16.1	1.993	2.990	3.8	21.0
5 21	14 17.23	−18 29.9	2.025	2.986	7.4	21.2
5 31	14 11.13	−17 47.3	2.083	2.982	10.8	21.4

93153 2000 SF_{84} 4 30.9 158°.09 0°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 0.28	−14 49.4	2.118	2.906	14.1	19.9
4 1	14 56.24	−14 25.9	2.031	2.910	11.2	19.8
4 11	14 50.04	−13 53.8	1.966	2.915	7.7	19.5
4 21	14 42.20	−13 15.1	1.926	2.918	3.9	19.3
5 1	14 33.52	−12 33.4	1.915	2.922	0.9	19.1
5 11	14 24.91	−11 53.0	1.931	2.925	4.4	19.3
5 21	14 17.24	−11 18.1	1.975	2.927	8.2	19.6
5 31	14 11.21	−10 52.5	2.044	2.929	11.6	19.8

267417 2002 BY_{14} 4 30.9 54°.84 6°.7/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.54	+ 1 9.5	1.687	2.499	16.2	20.1
4 1	14 58.36	+ 1 44.2	1.621	2.509	13.1	19.9
4 11	14 51.64	+ 2 14.8	1.576	2.518	9.9	19.7
4 21	14 43.04	+ 2 35.7	1.555	2.528	7.3	19.6
5 1	14 33.52	+ 2 41.6	1.559	2.538	7.0	19.6
5 11	14 24.23	+ 2 29.1	1.590	2.548	9.1	19.7
5 21	14 16.16	+ 1 57.4	1.644	2.558	12.2	20.0
5 31	14 10.08	+ 1 7.7	1.721	2.568	15.2	20.2

494279 2016 RZ_6 4 30.9 219°.54 0°.7/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 56.41	−15 44.8	2.423	3.208	12.6	21.9
4 1	14 52.96	−15 10.8	2.327	3.205	10.0	21.7
4 11	14 47.66	−14 27.7	2.254	3.202	6.9	21.5
4 21	14 40.96	−13 37.7	2.207	3.199	3.5	21.3
5 1	14 33.53	−12 44.2	2.188	3.195	0.7	21.0
5 11	14 26.12	−11 51.6	2.198	3.191	4.0	21.3
5 21	14 19.47	−11 4.1	2.236	3.188	7.4	21.5
5 31	14 14.19	−10 25.5	2.299	3.184	10.5	21.7

295496 2008 RV_{35} 4 30.9 137°.84 2°.6/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 2.04	−23 54.1	2.258	3.011	14.4	21.2
4 1	14 57.64	−24 6.1	2.169	3.020	11.8	21.0
4 11	14 51.02	−24 5.9	2.101	3.028	8.7	20.8
4 21	14 42.72	−23 52.9	2.058	3.036	5.4	20.6
5 1	14 33.53	−23 28.1	2.043	3.043	2.8	20.5
5 11	14 24.40	−22 54.5	2.056	3.050	4.0	20.6
5 21	14 16.23	−22 16.4	2.096	3.057	7.2	20.8
5 31	14 9.74	−21 38.6	2.163	3.063	10.4	21.0

354828 2005 XG_2 4 30.9 288°.47 1°.8/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
3 22	15 0.53	− 9 40.0	2.305	3.096	13.0	20.7
4 1	14 56.47	− 9 39.4	2.194	3.075	10.4	20.5
4 11	14 50.30	− 9 35.7	2.105	3.055	7.3	20.3
4 21	14 42.43	− 9 30.6	2.043	3.034	3.9	20.0
5 1	14 33.53	− 9 26.6	2.008	3.013	1.9	19.8
5 11	14 24.47	− 9 26.4	2.003	2.992	4.8	20.0
5 21	14 16.09	− 9 32.5	2.025	2.971	8.4	20.2
5 31	14 9.17	− 9 46.8	2.072	2.950	11.8	20.3

328265 2008 GE_{23} 4 30.9 255°.03 3°.8/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.66	− 8 52.7	1.815	2.626	15.2	21.3
4 1	14 55.43	− 7 56.2	1.722	2.615	12.1	21.1
4 11	14 49.77	− 6 51.9	1.651	2.605	8.5	20.9
4 21	14 42.19	− 5 44.5	1.604	2.593	5.0	20.6
5 1	14 33.53	− 4 40.3	1.585	2.582	4.0	20.5
5 11	14 24.84	− 3 45.9	1.592	2.570	7.1	20.7
5 21	14 17.11	− 3 6.5	1.624	2.559	11.0	20.9
5 31	14 11.19	− 2 45.6	1.679	2.547	14.6	21.1

278616 2008 QQ_9 4 30.9 179°.33 3°.4/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	14 58.74	− 6 49.7	2.497	3.291	12.0	21.3
4 1	14 54.60	− 5 54.9	2.409	3.293	9.5	21.1
4 11	14 48.68	− 4 56.1	2.346	3.294	6.7	20.9
4 21	14 41.45	− 3 57.3	2.310	3.294	4.2	20.8
5 1	14 33.53	− 3 3.0	2.302	3.294	3.7	20.7
5 11	14 25.69	− 2 17.6	2.323	3.294	5.8	20.9
5 21	14 18.60	− 1 44.2	2.372	3.292	8.7	21.1
5 31	14 12.84	− 1 25.0	2.445	3.290	11.3	21.2

57349 2001 QC_{282} 4 30.9 183°.07 5°.5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
3 22	15 3.12	− 0 12.9	2.182	2.977	13.5	19.3
4 1	14 58.31	+ 0 26.0	2.099	2.978	10.9	19.2
4 11	14 51.40	+ 1 3.5	2.039	2.978	8.2	19.0
4 21	14 42.89	+ 1 34.9	2.005	2.978	5.9	18.8
5 1	14 33.55	+ 1 55.6	1.999	2.977	5.7	18.8
5 11	14 24.29	+ 2 2.0	2.020	2.975	7.7	18.9
5 21	14 15.94	+ 1 52.4	2.068	2.973	10.5	19.1
5 31	14 9.19	+ 1 26.6	2.139	2.971	13.2	19.3

392628 2011 UH_{41} 5 1.0 158°.33 0°.3/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 52.62	−16 27.4	2.526	3.400	9.5	21.6
4 11	14 47.32	−15 44.8	2.457	3.403	6.6	21.4
4 21	14 40.76	−14 55.1	2.415	3.406	3.3	21.2
5 1	14 33.56	−14 1.4	2.401	3.408	0.3	20.9
5 11	14 26.43	−13 7.8	2.416	3.411	3.5	21.2
5 21	14 20.02	−12 18.2	2.460	3.413	6.8	21.4
5 31	14 14.88	−11 36.2	2.530	3.415	9.7	21.6
6 10	14 11.40	−11 4.3	2.622	3.417	12.1	21.8

22864 1999 RO_{161} 5 1.0 283°.12 0°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.44	−13 54.8	2.258	3.139	10.2	17.9
4 11	14 48.14	−13 25.0	2.172	3.122	7.1	17.7
4 21	14 41.30	−12 49.2	2.112	3.104	3.6	17.4
5 1	14 33.57	−12 10.4	2.080	3.087	0.9	17.2
5 11	14 25.75	−11 32.6	2.076	3.069	4.2	17.4
5 21	14 18.63	−10 59.5	2.100	3.052	7.8	17.6
5 31	14 12.89	−10 34.8	2.149	3.034	11.1	17.8
6 10	14 9.02	−10 20.9	2.219	3.016	13.9	17.9

62139 2000 SB_{12} 5 1.0 287°.78 1°.1/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.32	−19 0.3	1.713	2.589	13.1	19.6
4 11	14 51.42	−18 51.8	1.620	2.564	9.5	19.3
4 21	14 43.23	−18 31.6	1.550	2.539	5.2	19.0
5 1	14 33.57	−18 1.4	1.506	2.513	1.2	18.7
5 11	14 23.59	−17 24.8	1.489	2.487	4.7	18.8
5 21	14 14.48	−16 47.3	1.499	2.461	9.4	19.1
5 31	14 7.30	−16 14.5	1.532	2.435	13.7	19.2
6 10	14 2.75	−15 51.6	1.584	2.409	17.4	19.4

38310 1999 RH_{105} 5 1.0 252°.08 0°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.20	−15 44.3	1.926	2.805	11.7	18.5
4 11	14 50.21	−15 26.8	1.851	2.799	8.2	18.2
4 21	14 42.41	−15 1.6	1.801	2.792	4.2	18.0
5 1	14 33.57	−14 31.4	1.778	2.785	0.2	17.6
5 11	14 24.70	−14 0.3	1.783	2.778	4.4	18.0
5 21	14 16.74	−13 32.4	1.815	2.771	8.4	18.2
5 31	14 10.48	−13 11.9	1.871	2.764	12.1	18.4
6 10	14 6.44	−13 1.6	1.948	2.757	15.2	18.6

18268 Dardanos 5 1.0 260°.46 0°.2/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 46.75	−16 6.6	4.441	5.309	5.8	19.2
4 11	14 42.92	−15 32.0	4.359	5.302	4.0	19.1
4 21	14 38.42	−14 53.5	4.305	5.295	2.0	18.9
5 1	14 33.58	−14 12.8	4.281	5.289	0.2	18.7
5 11	14 28.75	−13 31.9	4.288	5.282	2.2	18.9
5 21	14 24.27	−12 52.9	4.324	5.275	4.2	19.1
5 31	14 20.45	−12 17.8	4.387	5.268	6.0	19.2
6 10	14 17.53	−11 48.0	4.475	5.261	7.6	19.3

144966 2005 EA_{90} 5 1.0 293°.93 4°.2/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 1	14 57.05	− 7 13.7	1.437	2.335	13.7	19.5
4 11	14 51.35	− 6 31.0	1.359	2.314	9.8	19.2
4 21	14 43.22	− 5 46.4	1.303	2.293	5.7	18.9
5 1	14 33.58	− 5 6.0	1.273	2.272	4.4	18.8
5 11	14 23.71	− 4 36.5	1.268	2.251	7.9	18.9
5 21	14 14.88	− 4 23.0	1.287	2.230	12.5	19.1
5 31	14 8.19	− 4 28.6	1.327	2.209	16.8	19.3
6 10	14 4.33	− 4 54.0	1.384	2.189	20.5	19.5

96295 1996 JF_7 5 1.0 339°.96 1°.1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 47.40	−10 53.4	3.924	4.803	6.3	19.4
4 11	14 43.43	−10 28.7	3.851	4.800	4.3	19.2
4 21	14 38.70	−10 2.4	3.806	4.797	2.2	19.1
5 1	14 33.58	− 9 36.2	3.790	4.794	1.1	19.0
5 11	14 28.48	− 9 12.3	3.804	4.791	2.9	19.1
5 21	14 23.77	− 8 52.3	3.847	4.789	4.9	19.2
5 31	14 19.80	− 8 37.9	3.916	4.786	6.9	19.4
6 10	14 16.83	− 8 30.2	4.008	4.784	8.6	19.5

499488 2010 LY_{67} 5 1.0 349°.94 3°.7/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 51.54	−11 31.6	0.975	1.894	16.6	20.7
4 11	14 47.97	−10 22.6	0.919	1.886	11.5	20.4
4 21	14 41.58	− 9 3.8	0.883	1.879	6.2	20.1
5 1	14 33.58	− 7 45.0	0.869	1.873	3.9	19.9
5 11	14 25.59	− 6 37.4	0.877	1.869	8.6	20.2
5 21	14 19.13	− 5 50.3	0.906	1.866	14.1	20.4
5 31	14 15.35	− 5 29.1	0.952	1.865	19.1	20.7
6 10	14 14.85	− 5 34.5	1.014	1.865	23.2	21.0

370779 2004 SO_{16} 5 1.0 70°.67 13°.6/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.19	+19 53.6	1.751	2.591	14.6	19.7
4 11	14 49.31	+22 38.3	1.752	2.615	13.7	19.7
4 21	14 41.79	+24 53.7	1.777	2.640	13.7	19.7
5 1	14 33.59	+26 31.5	1.825	2.664	14.5	19.9
5 11	14 25.72	+27 28.4	1.893	2.688	15.9	20.0
5 21	14 19.07	+27 46.2	1.979	2.712	17.3	20.2
5 31	14 14.26	+27 29.4	2.079	2.736	18.6	20.3
6 10	14 11.64	+26 44.8	2.191	2.759	19.7	20.5

283511 2001 TZ_{13} 5 1.0 194°.62 2°.2/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 53.93	− 8 7.2	2.800	3.679	8.5	21.5
4 11	14 48.14	− 7 33.8	2.728	3.676	5.9	21.4
4 21	14 41.17	− 6 59.4	2.684	3.673	3.3	21.2
5 1	14 33.59	− 6 27.1	2.670	3.669	2.4	21.1
5 11	14 26.04	− 5 59.9	2.685	3.665	4.5	21.3
5 21	14 19.10	− 5 40.2	2.729	3.661	7.2	21.4
5 31	14 13.31	− 5 30.1	2.798	3.656	9.7	21.6
6 10	14 9.04	− 5 30.4	2.889	3.650	11.9	21.7

293925 2007 SF_{23} 5 1.0 343°.11 1°.9/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 55.05	−22 17.7	1.279	2.164	16.0	19.9
4 11	14 50.07	−21 37.7	1.213	2.160	11.6	19.6
4 21	14 42.55	−20 37.2	1.168	2.156	6.6	19.3
5 1	14 33.59	−19 20.1	1.147	2.153	2.0	19.0
5 11	14 24.67	−17 54.6	1.151	2.150	5.3	19.2
5 21	14 17.15	−16 30.4	1.179	2.148	10.5	19.5
5 31	14 12.07	−15 17.1	1.228	2.146	15.2	19.7
6 10	14 10.01	−14 21.2	1.296	2.145	19.2	20.0

423883 2006 RO_{91} 5 1.0 250°.75 0°.9/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 58.78	−18 54.7	1.853	2.724	12.5	22.4
4 11	14 52.24	−18 39.1	1.764	2.706	9.0	22.1
4 21	14 43.57	−18 12.2	1.699	2.687	4.9	21.8
5 1	14 33.60	−17 35.9	1.661	2.668	1.0	21.5
5 11	14 23.43	−16 54.1	1.652	2.649	4.4	21.7
5 21	14 14.16	−16 12.1	1.669	2.628	8.8	21.9
5 31	14 6.73	−15 35.4	1.711	2.608	12.9	22.1
6 10	14 1.78	−15 8.5	1.774	2.586	16.3	22.3

251444 2008 CN_{60} 5 1.0 172°.34 6°.3/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 56.81	+ 0 27.4	1.957	2.841	11.3	21.5
4 11	14 50.42	+ 1 46.3	1.905	2.845	8.6	21.4
4 21	14 42.42	+ 2 59.7	1.878	2.847	6.5	21.2
5 1	14 33.60	+ 4 0.7	1.878	2.850	6.6	21.2
5 11	14 24.92	+ 4 44.1	1.906	2.851	8.8	21.4
5 21	14 17.20	+ 5 6.9	1.959	2.852	11.6	21.5
5 31	14 11.13	+ 5 8.3	2.034	2.853	14.3	21.7
6 10	14 7.15	+ 4 50.0	2.127	2.852	16.6	21.9

58652 1997 WD_{43} 5 1.0 55°.86 1°.6/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 1	14 57.80	−23 7.5	1.412	2.286	15.5	18.0
4 11	14 51.31	−22 2.9	1.379	2.320	11.0	17.8
4 21	14 42.84	−20 41.0	1.368	2.355	6.1	17.6
5 1	14 33.60	−19 7.7	1.384	2.390	1.7	17.4
5 11	14 24.92	−17 32.1	1.426	2.424	4.7	17.7
5 21	14 17.84	−16 3.1	1.494	2.459	9.1	18.0
5 31	14 13.06	−14 47.9	1.585	2.493	13.0	18.3
6 10	14 10.88	−13 50.6	1.697	2.527	16.2	18.6